


PG410 A01

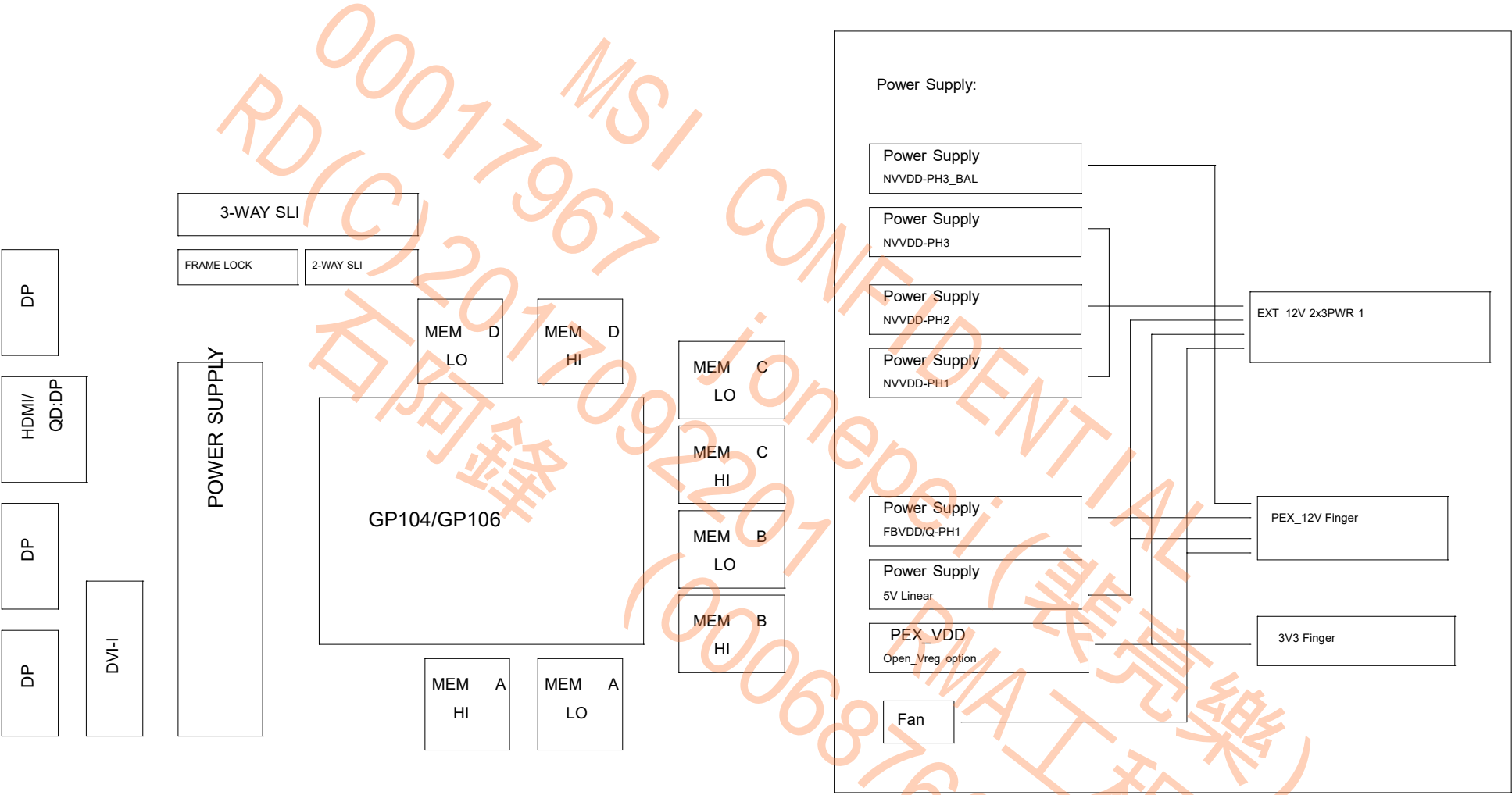
GP106 8GB/4GB GDDR5, 256b, 256Mx32/128MX32
Tall DVI-D + DP + DP + HDMI/DP + DP

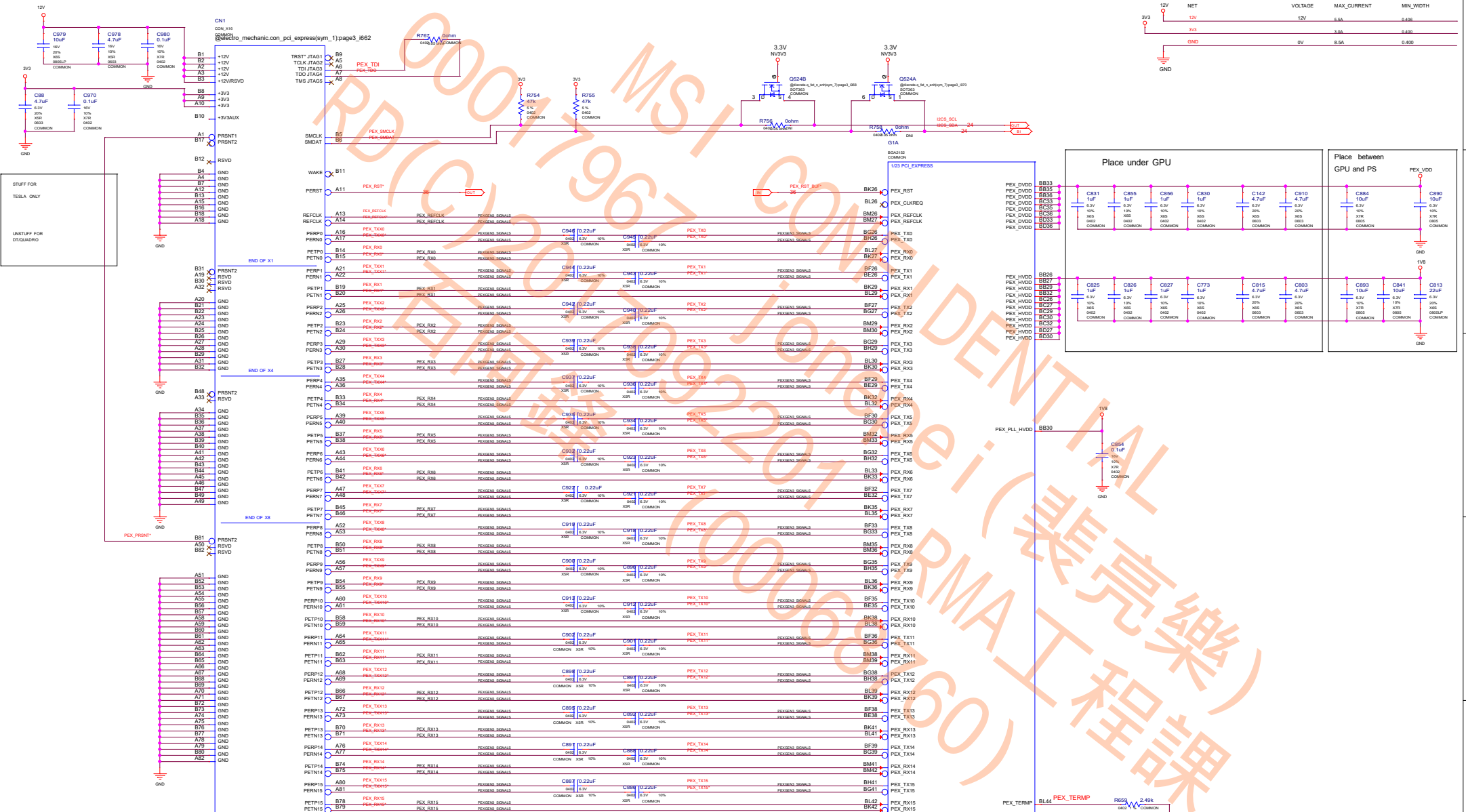
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6.1
1. 6V NVVDD_VR REGS
2. 18V L DOUB
3. 18V C-OUT REGS
4. 18V HDMI D P CCLAY

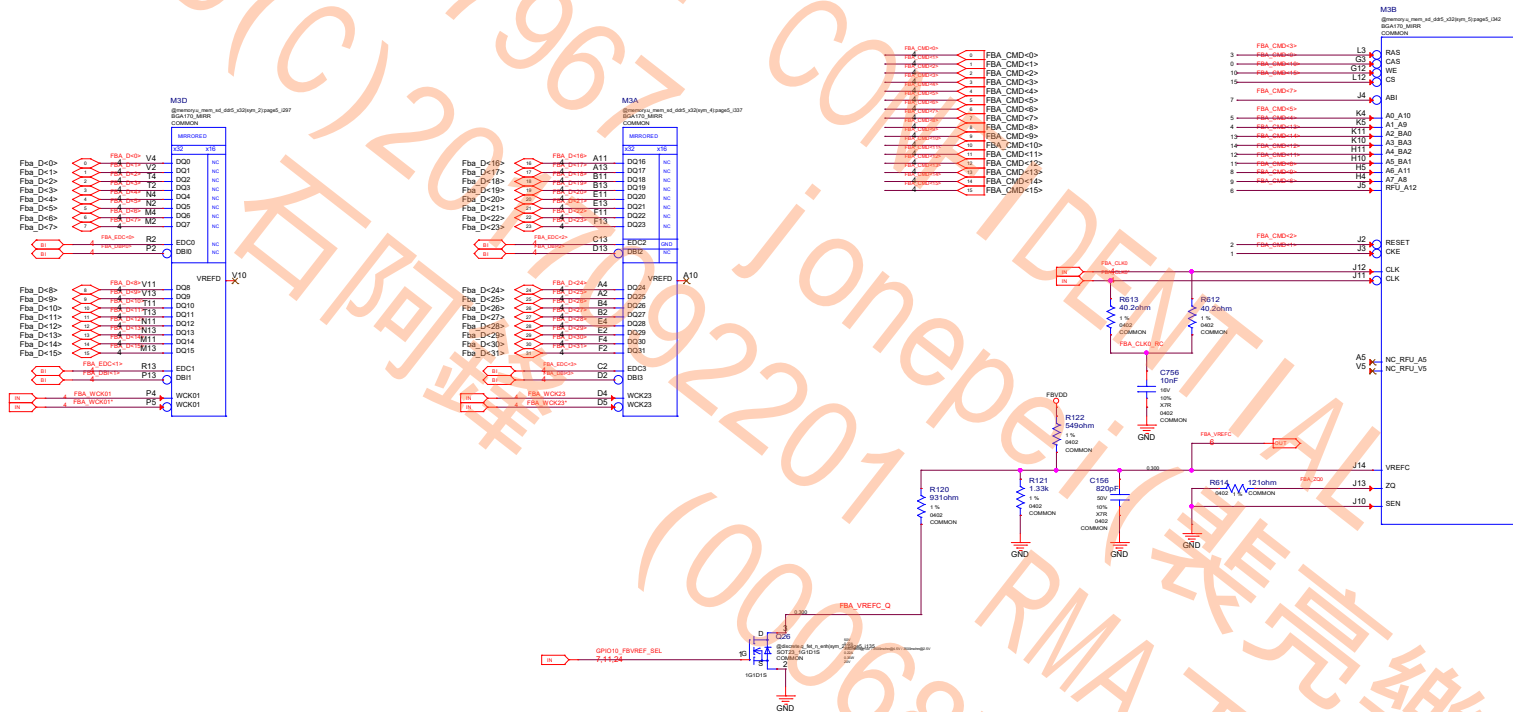
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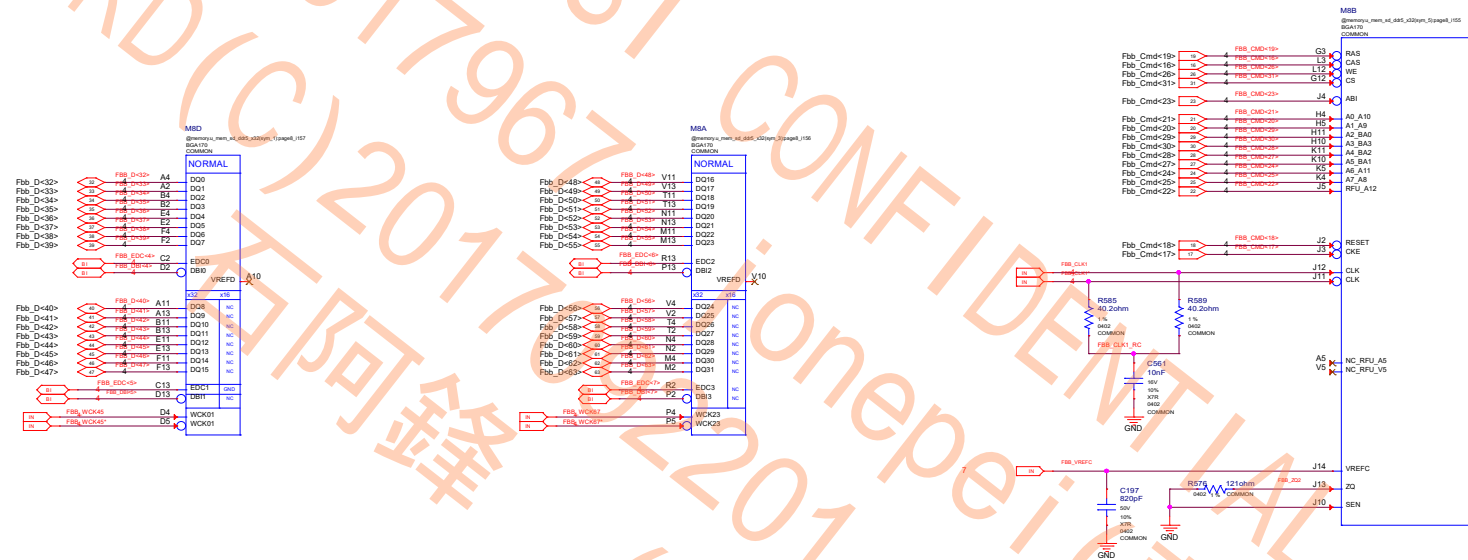


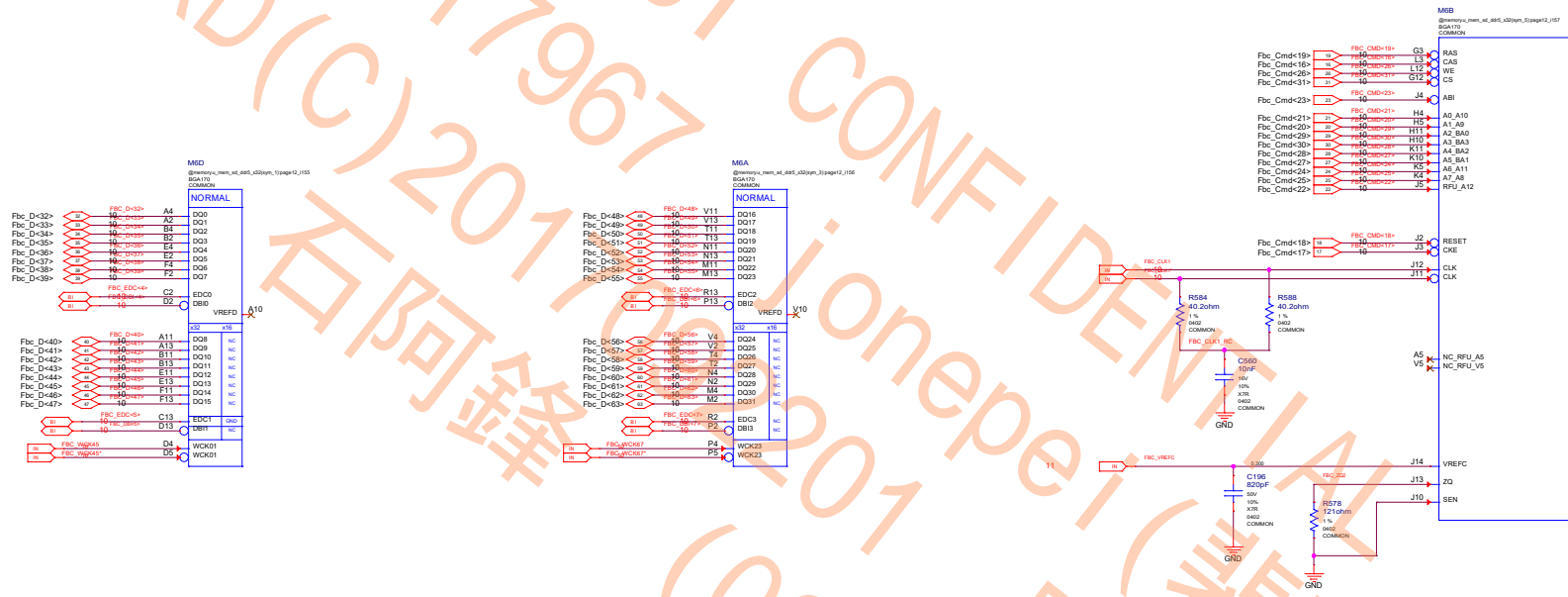


GDOR5 CMD Mapping


CMD	9-31	32-63
CM00	CAS*	
CM01	CKE*	
CM02	RS*	
CM03	RAS*	
CM04	A1_A8	
CM05	A0_A10	
CM06	A12_RFU	
CM07	AB*	
CM08	AE_A11	
CM09	WE*	
CM10	AE_BA1	
CM11	AE_BA2	
CM12	AE_BA3	
CM13	AE_BA4	
CM14	AE_BA5	
CM15	AE_BA6	
CM16	AE_BA7	
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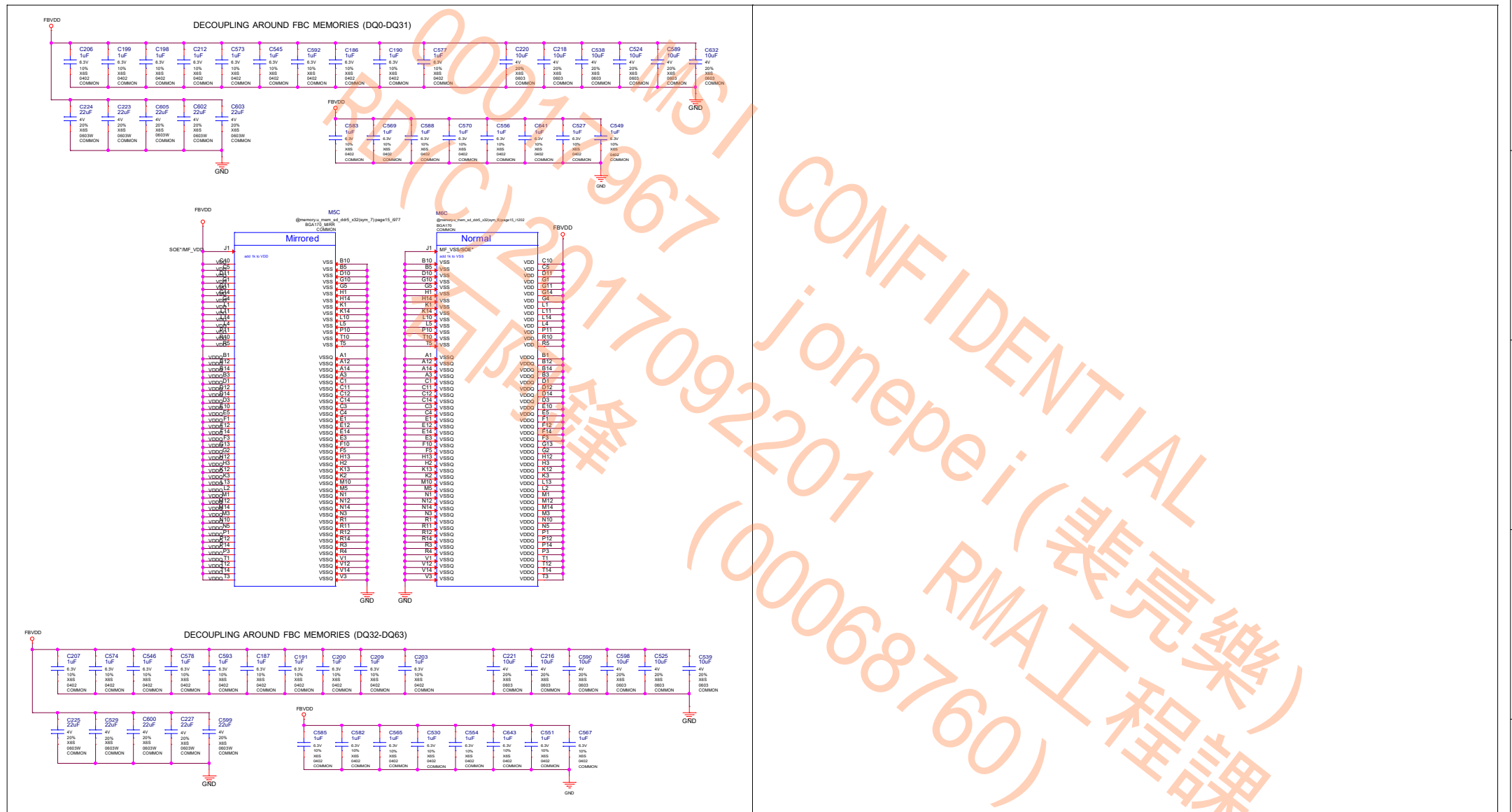


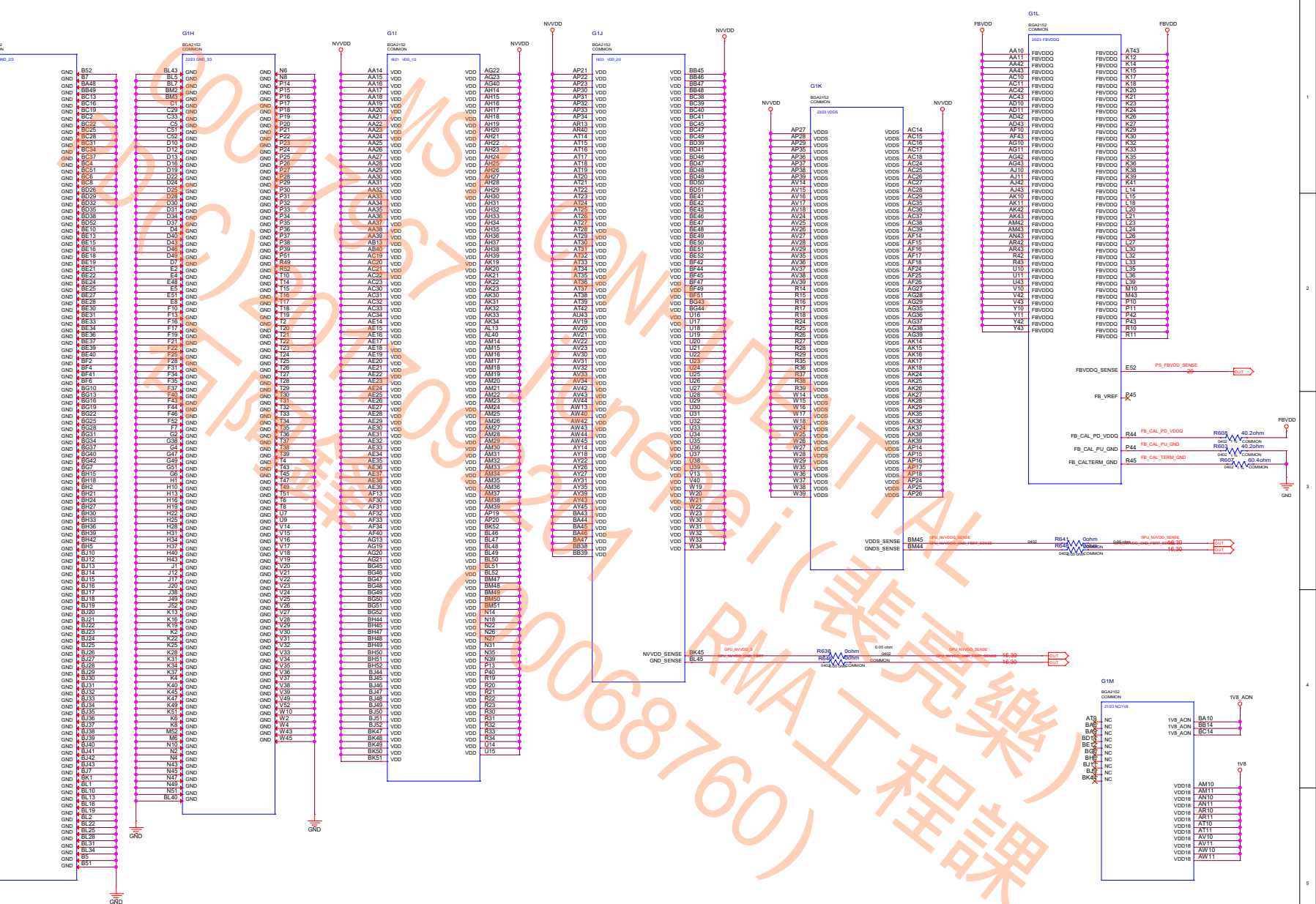
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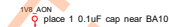
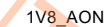
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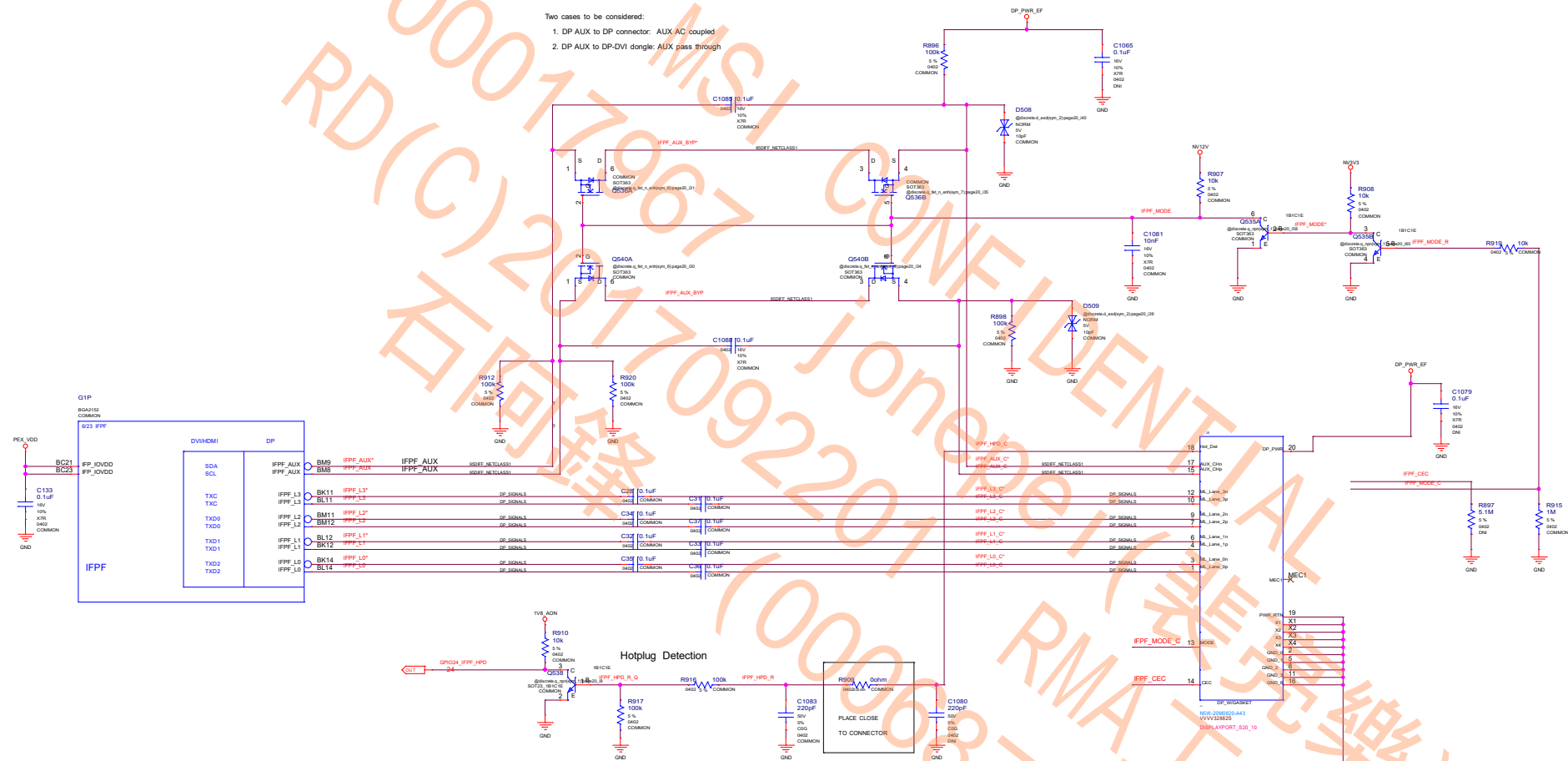


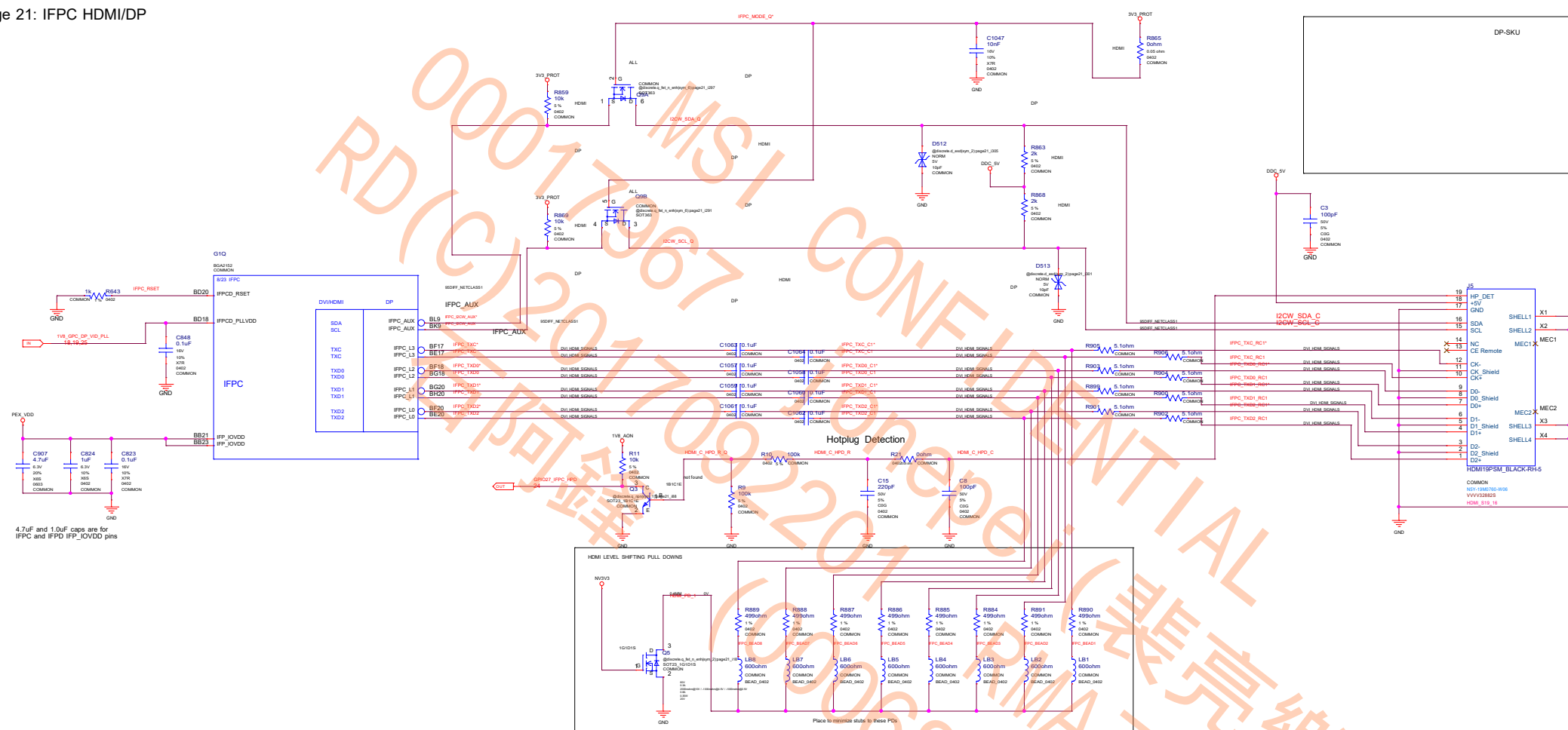




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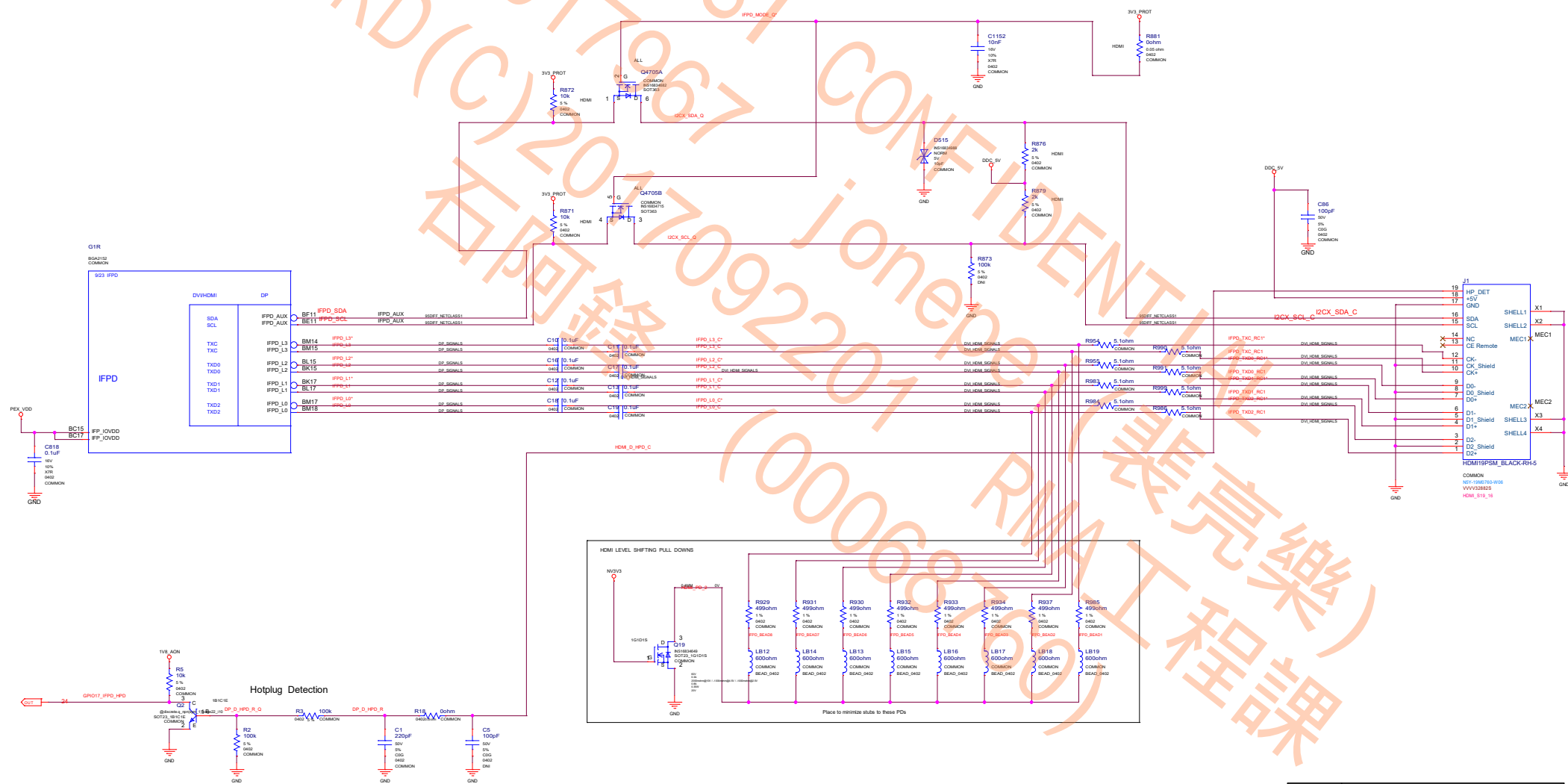
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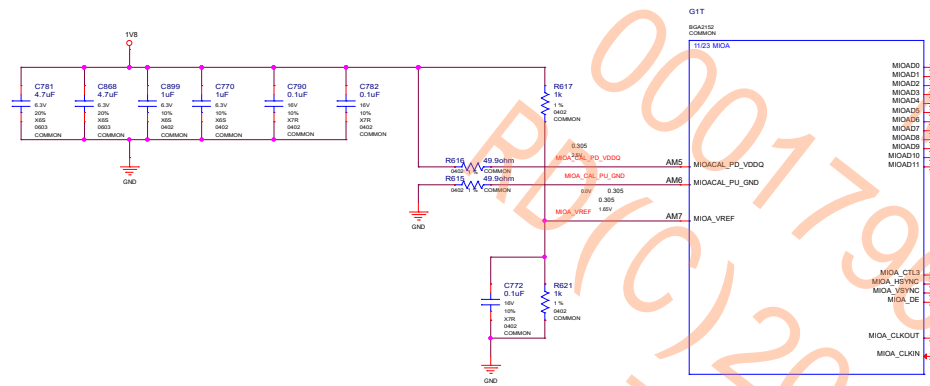




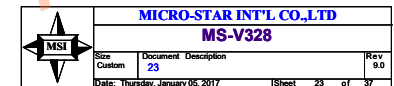
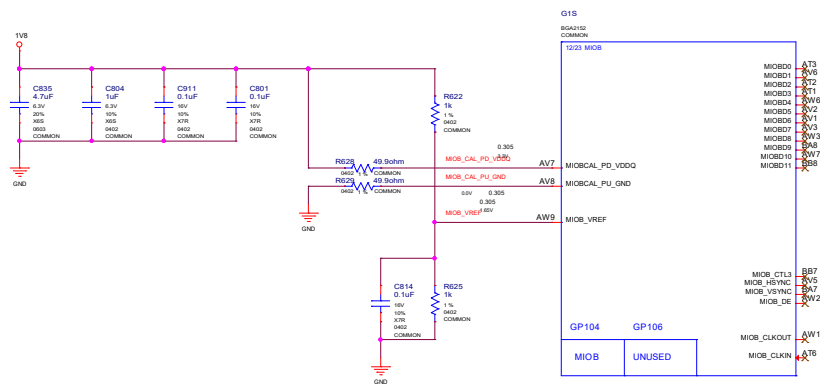
Fused DP_PWR







Pad Overlap R1042 & R1043



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

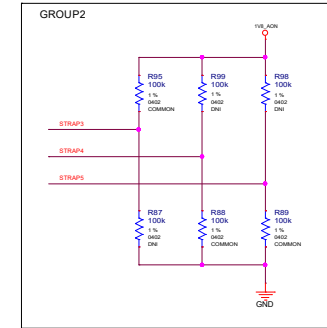
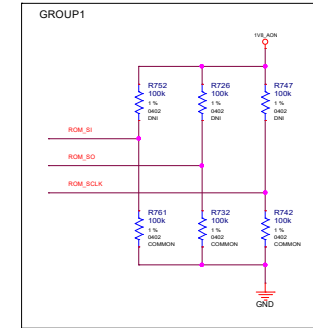
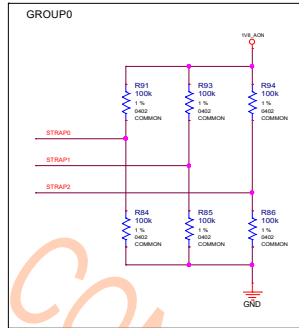
ROM_SO	ROM_SI	ROM_SCLK	SOR_EXPOSED[3:0]	1:ENABLE 0:DISABLE
L	L	L	1111	DEFAULT
L	L	H	1110	
L	H	L	1101	
L	H	H	1100	
H	L	L	1011	
H	L	H	1010	
H	H	L	1001	
H	H	H	1000	
L	L	M	0111	
L	M	L	0110	
L	M	H	0101	
L	H	M	0100	
H	L	M	0011	
H	M	L	0010	
H	M	H	0001	
H	H	M	0000	

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	1
L	M	H	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
H	L	L	0	1	0	0
L	H	H	0	0	1	1
L	H	L	0	0	1	0
L	L	H	0	0	0	1
L	L	L	0	0	0	0

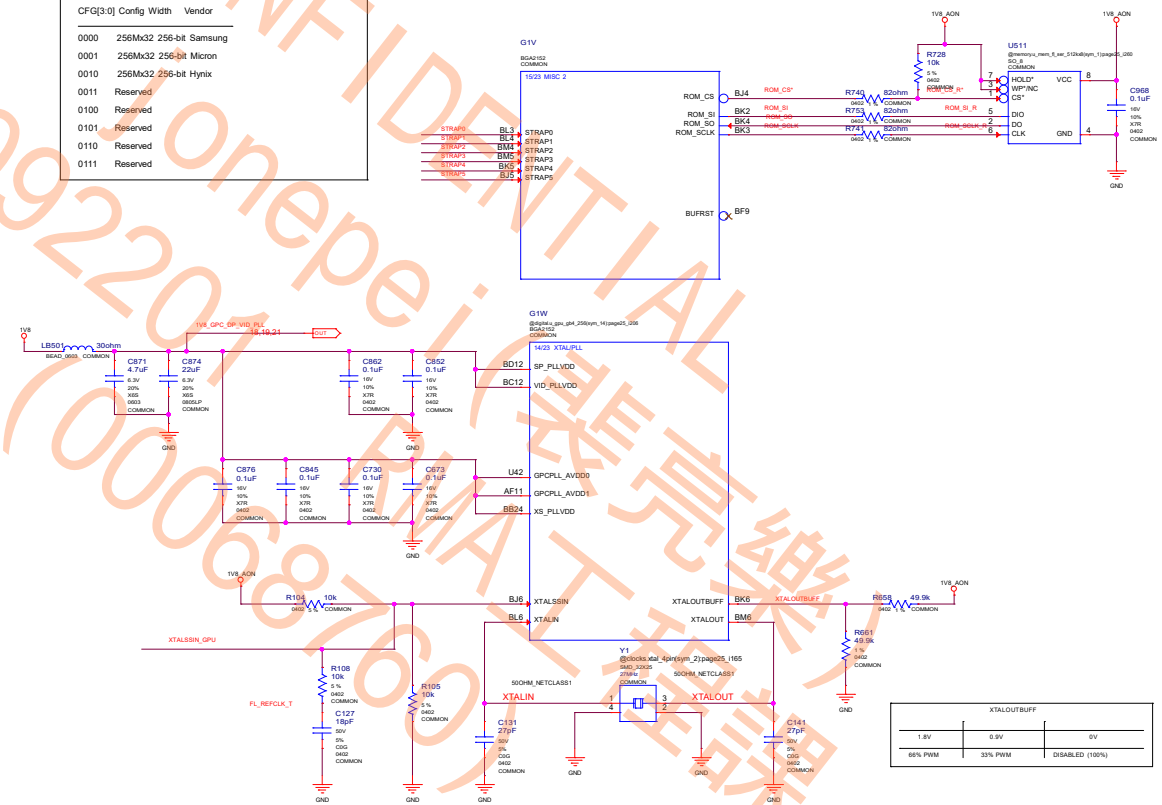
H=High :Tied to 1.8V
M=Middle:Tied to 0.9V
L=Low :Tied to 0V

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



CFG[3:0]	Config	Width	Vendor
0000	256Mx32	256-bit	Samsung
0001	256Mx32	256-bit	Micron
0010	256Mx32	256-bit	Hynix
0011	Reserved		
0100	Reserved		
0101	Reserved		
0110	Reserved		
0111	Reserved		



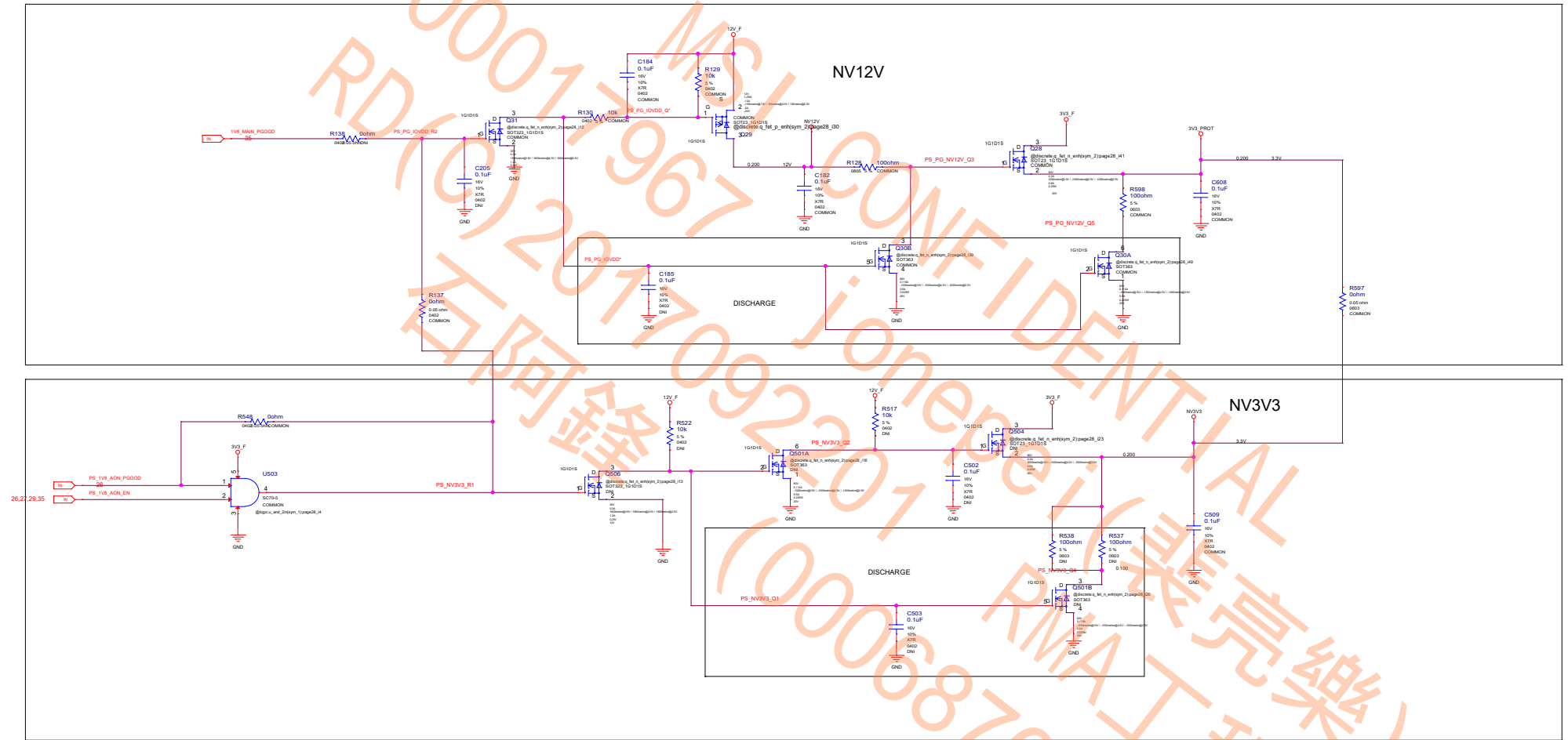
XTALOUTBUFF	
1.8V	0.9V
88% PWM	33% PWM
DISABLED (100%)	



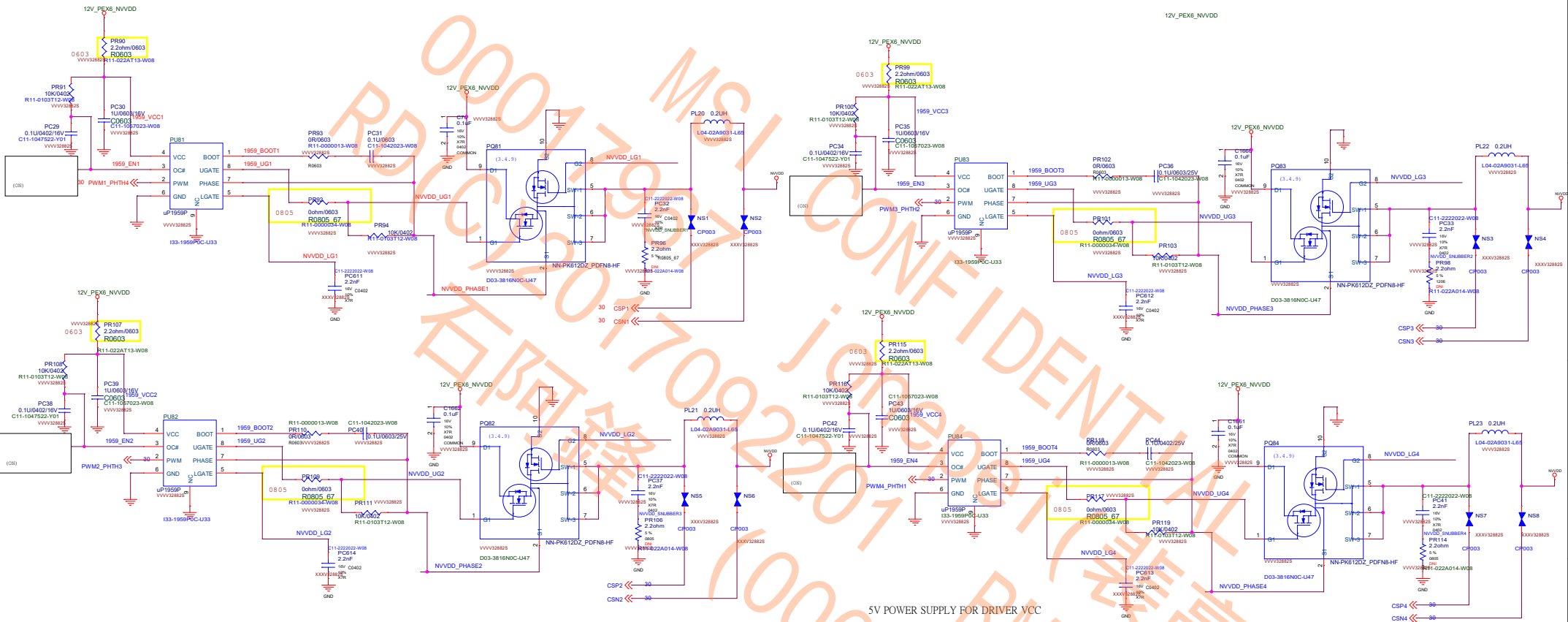
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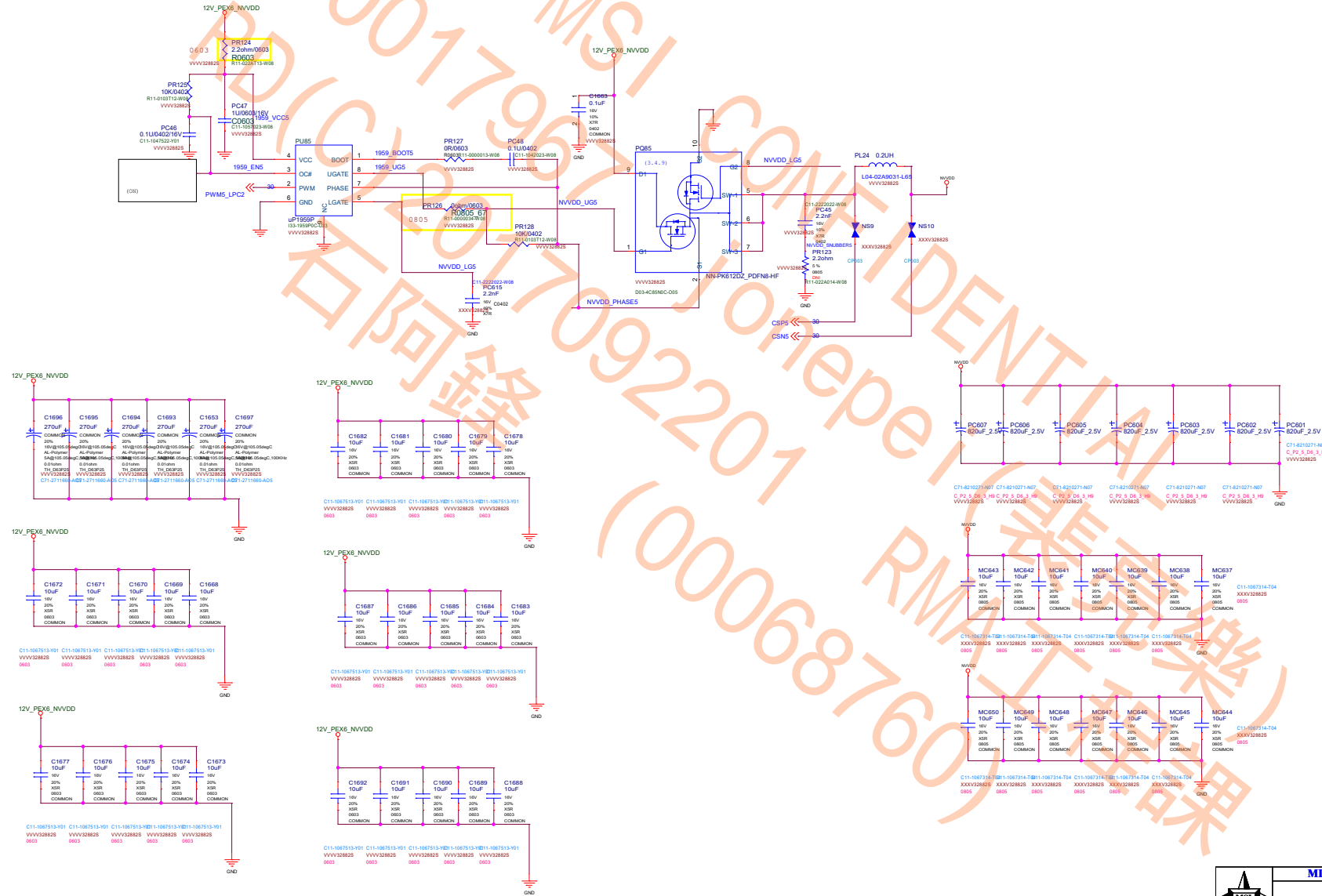
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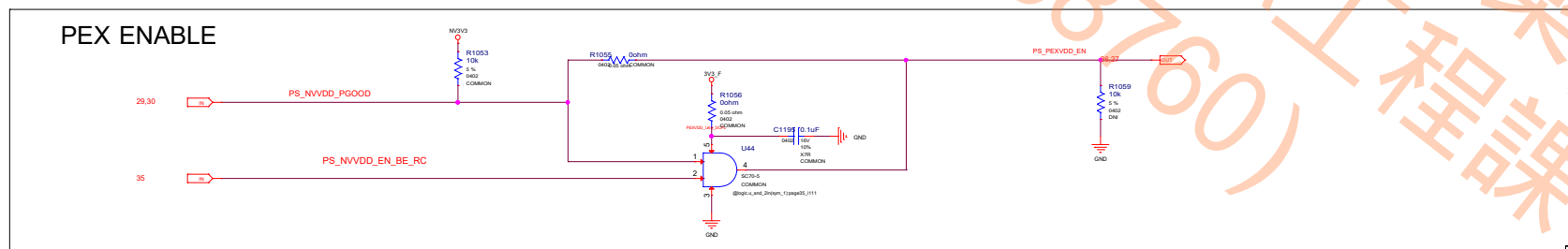
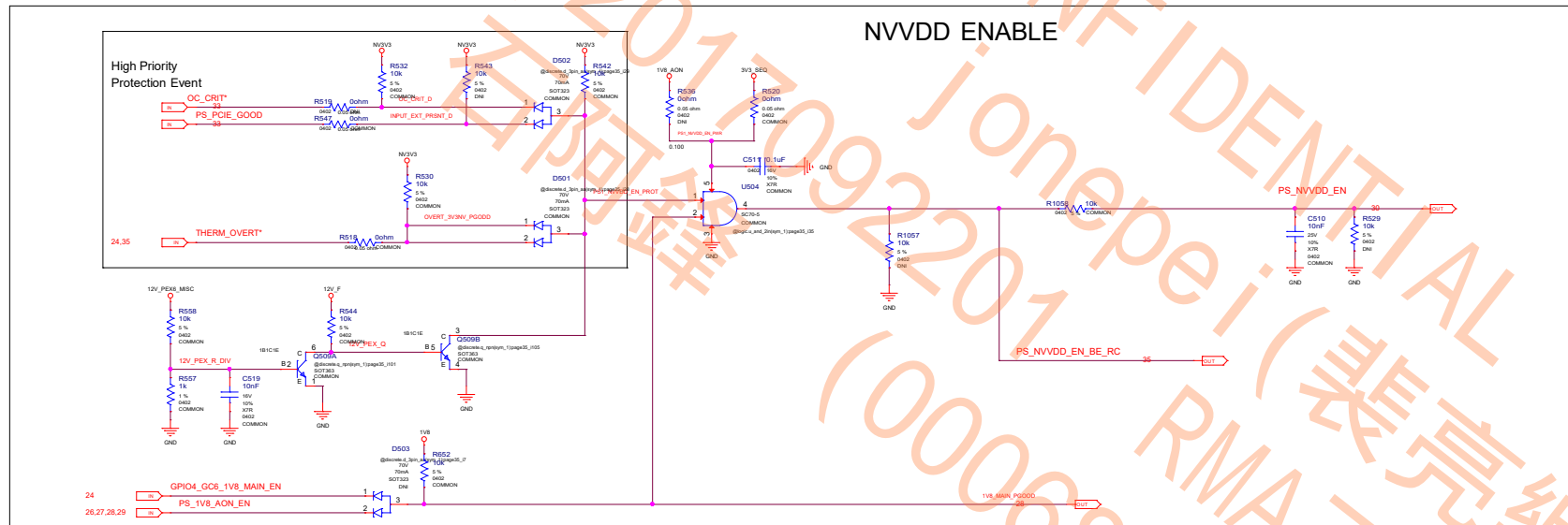
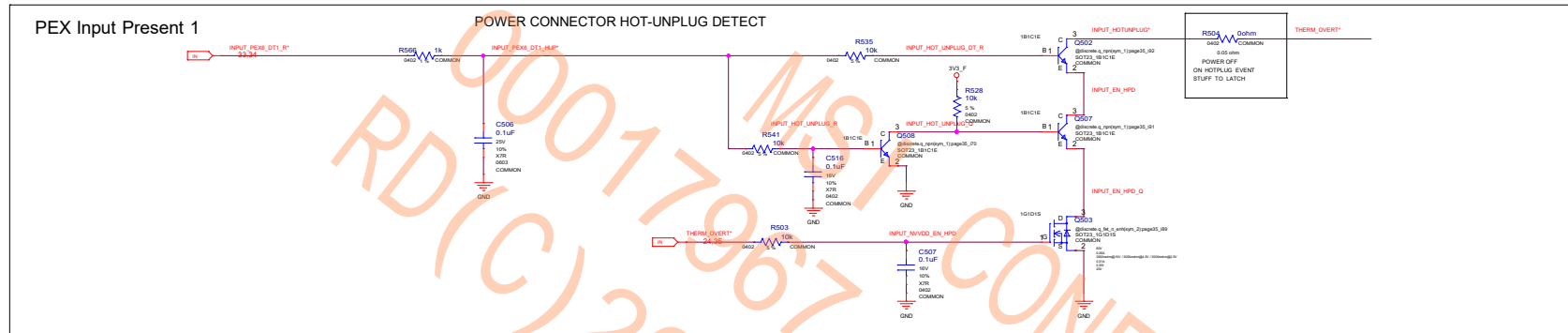
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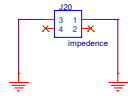
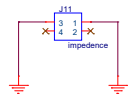
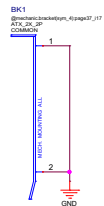
Pgae 31:NVVDD/PHASE1_4



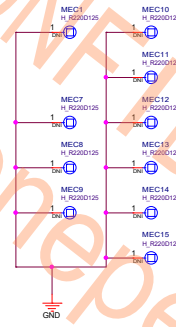




Brackets:



Mechanical Holes Symbol



GPU Stiffner

