

PG161-A00

TU106 6GB GDDR6, 192b, X16

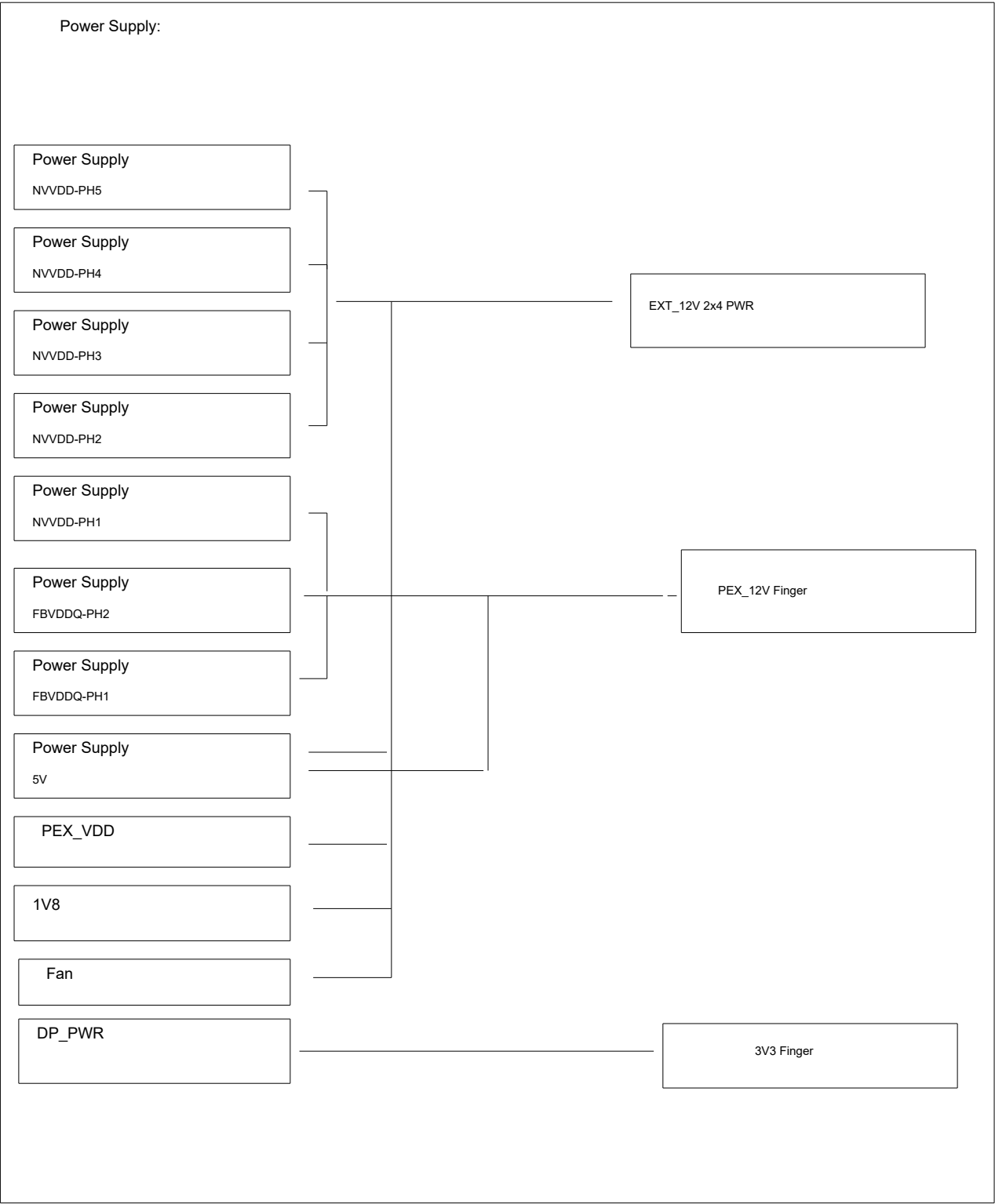
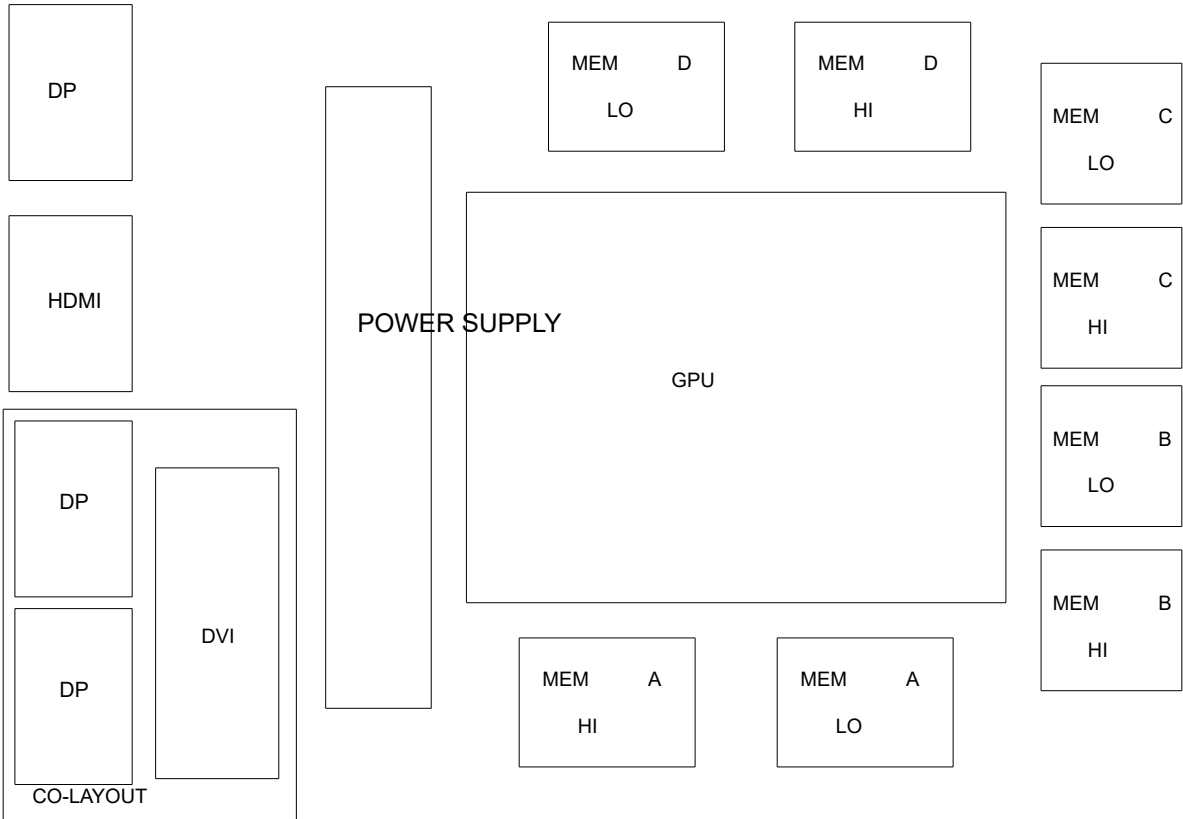
DVI-D/DP + DP + HDMI

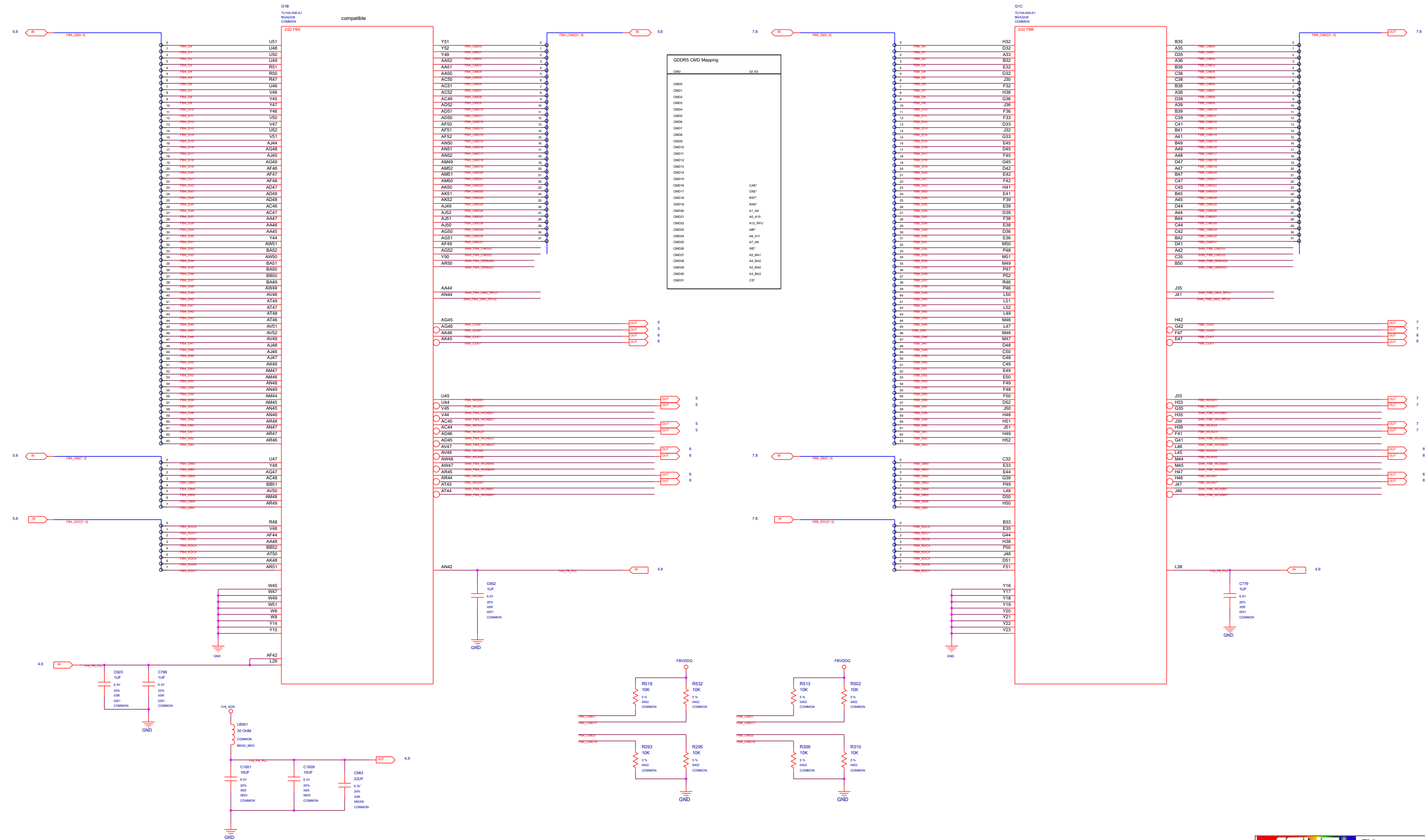
TABLE OF CONTENTS

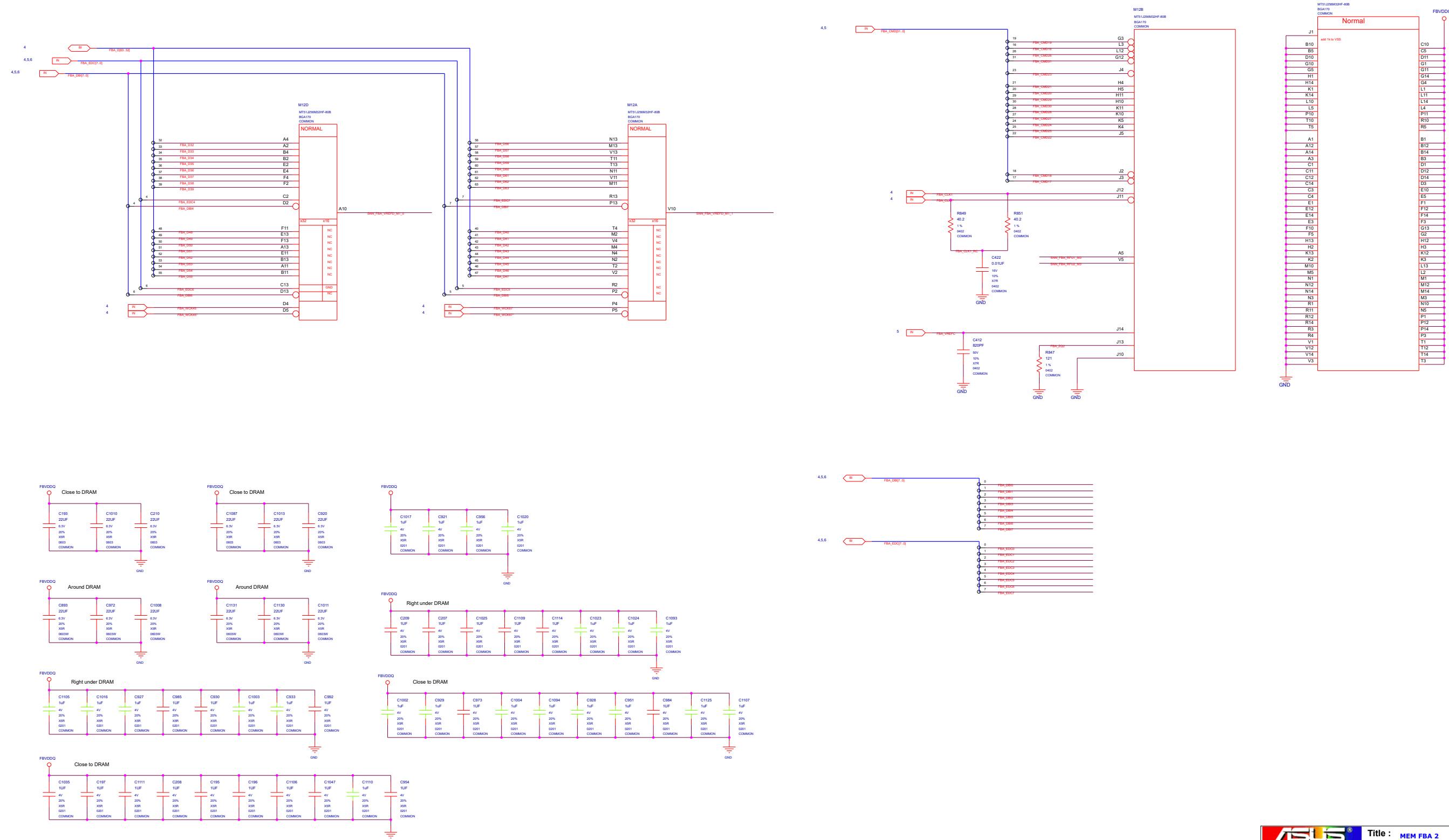
Page	Description
1	Table of Contents
2	Block Diagram
3	PCI Express
4	PCIE RC TERM
5	MEMORY: GPU_FB_AB
6	MEMORY: FBA[31:0]
7	MEMORY: FBA[63:32]
8	MEMORY: FBB[31:0]
9	MEMORY: FBB[63:32]
10	MEMORY: GPU_FB_CD
11	MEMORY: FBC[31:0]
12	MEMORY: FBC[63:32]
13	MEMORY: FBD[31:0]
14	MEMORY: FBD[63:32]
15	GPU PWR GND
16	GPU Decoupling
17	GPU Decoupling2
18	IO: IFPAB DVI-D-DL
19	IO: IFPA DP
20	IO: IFPB DP
21	IO: IFPE IFPF USBC NC
22	IO: IFPC HDMI
23	IO: IFPD DP
24	IO: NVHS Interface and Frame Lock
25	MISC1: Thermal, JTAG, GPIO, STEREO

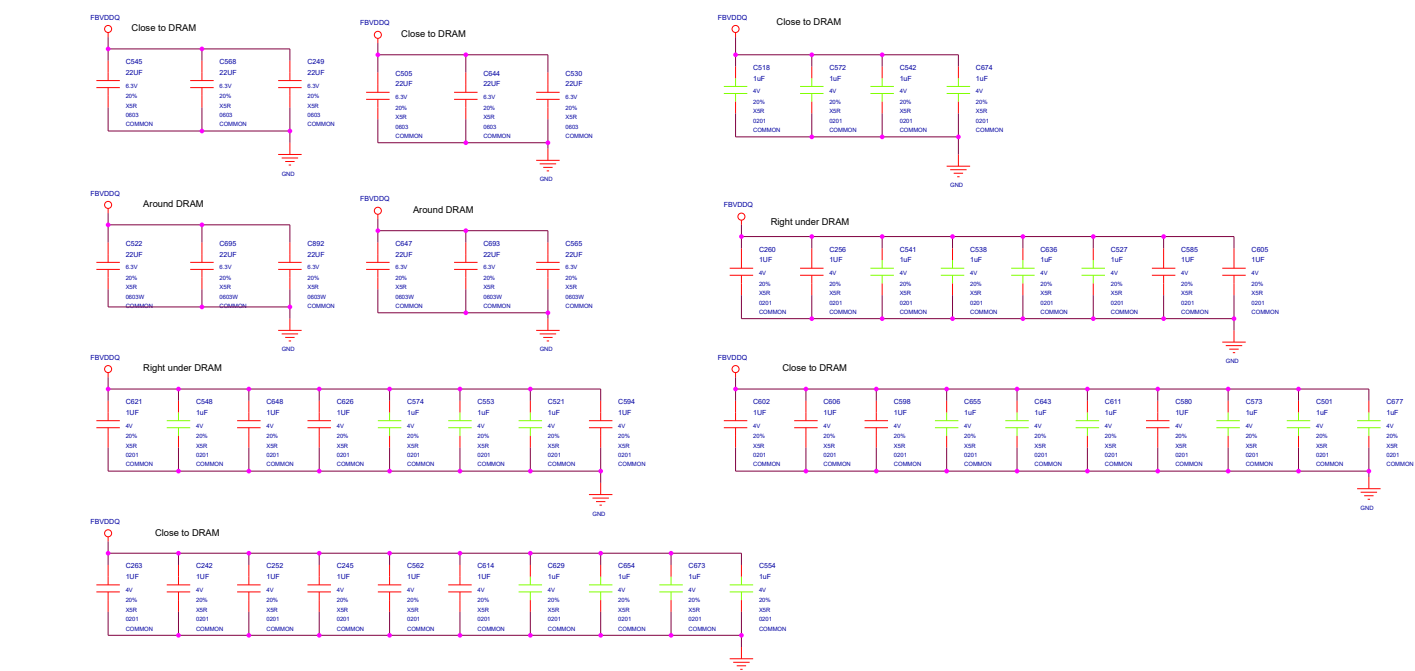
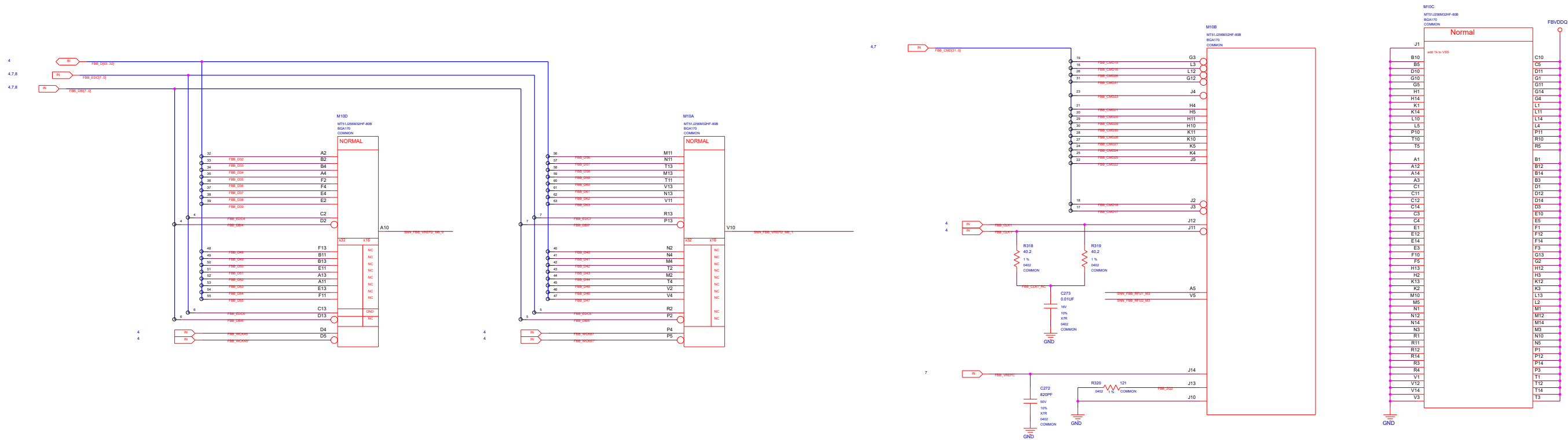
Page	Description
26	MISC2: ROM, XTAL, STRAPS
27	PS: 1V8_AON
28	PS: 5V
29	PS: PEXVDD
30	PS: FBVDDQ
31	PS: FBVDDQ PH2
32	PS: NVVDD Controller
33	PS: NVVDD Controller OVR3i
34	PS: NVVDD Phase 6,4
35	PS: NVVDD Phase 3,5
36	PS: NVVDD Phase 2,1
37	PS: Input Power Balancing Switcher
38	PS: Input, Filtering, and Monitoring
39	PS: STEERING, UPB HOT-UNPLUG
40	PS: Type-C BuckBoost
41	PD PPC
42	PS: 12V 3V3_A SWITCHER
43	SEQ: 5V, 1V8, NV3V3 ENABLE
44	SEQ: NV, PEX, FB ENABLE
45	SEQ: VOLTAGE MONITOR
46	SEQ: DISCHARGE
47	SEQ: MISC
48	LOGO LED
49	LED DRIVER BOOST
50	FAN

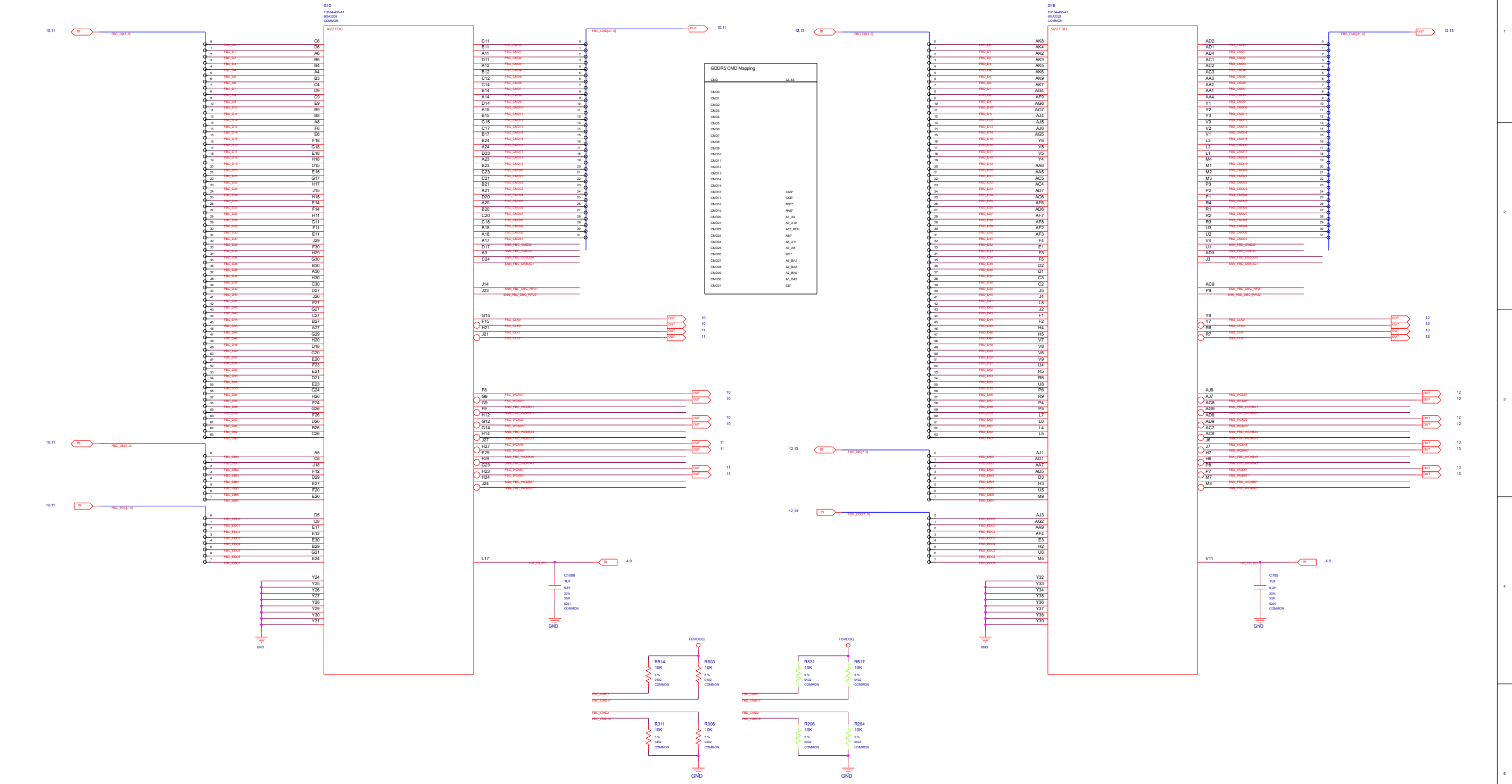
Page	Description
51	PS: Pre-filter
52	MECH
53	PTC

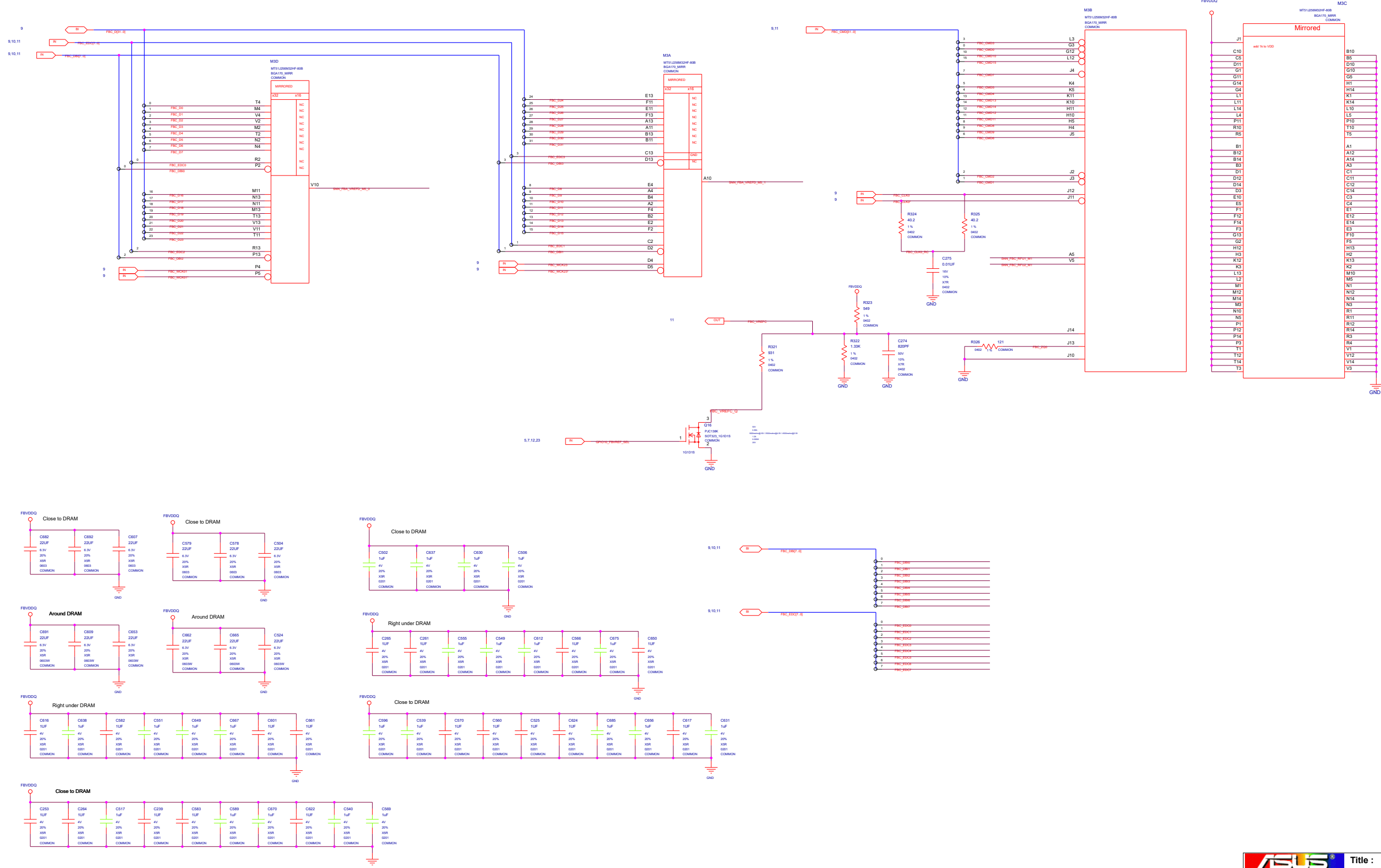


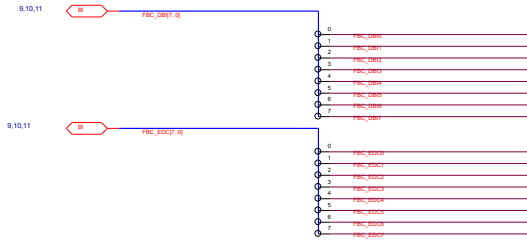
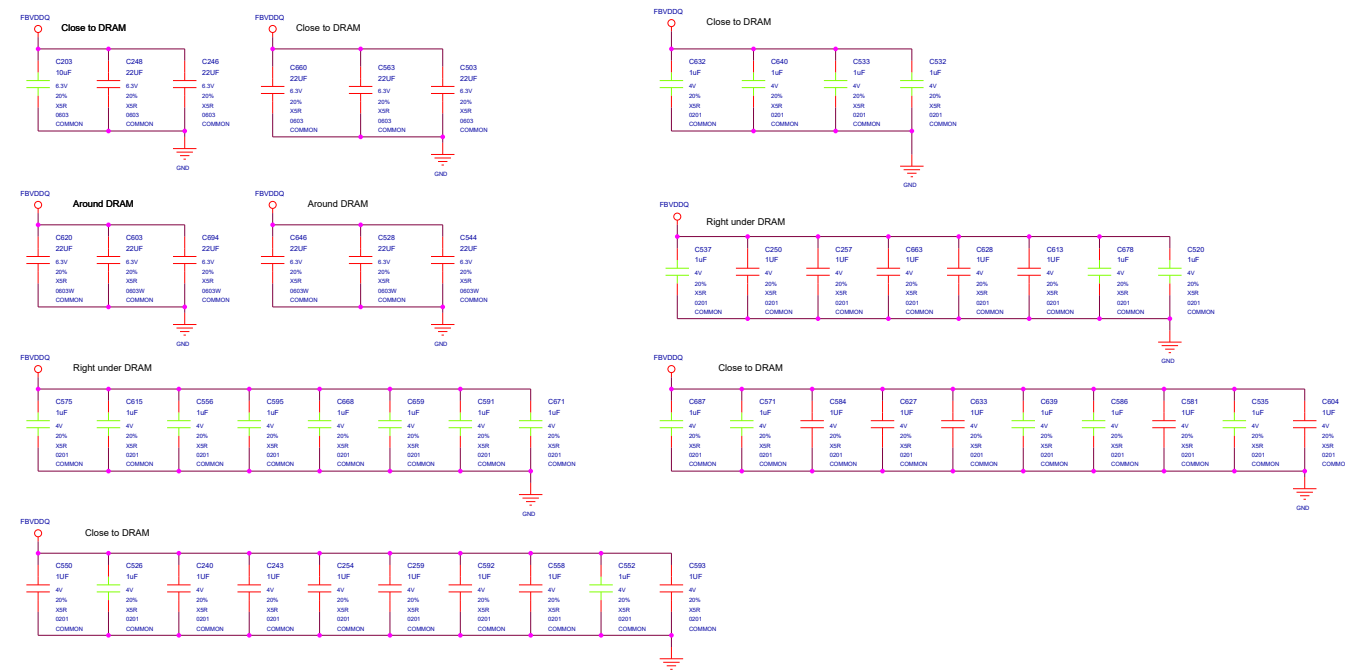
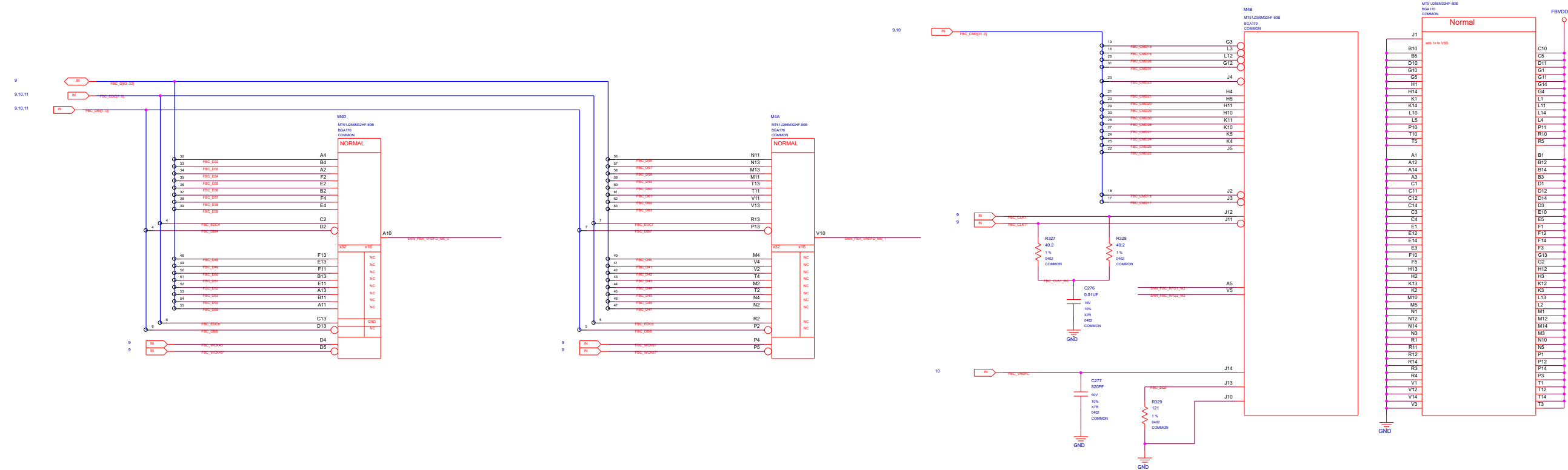


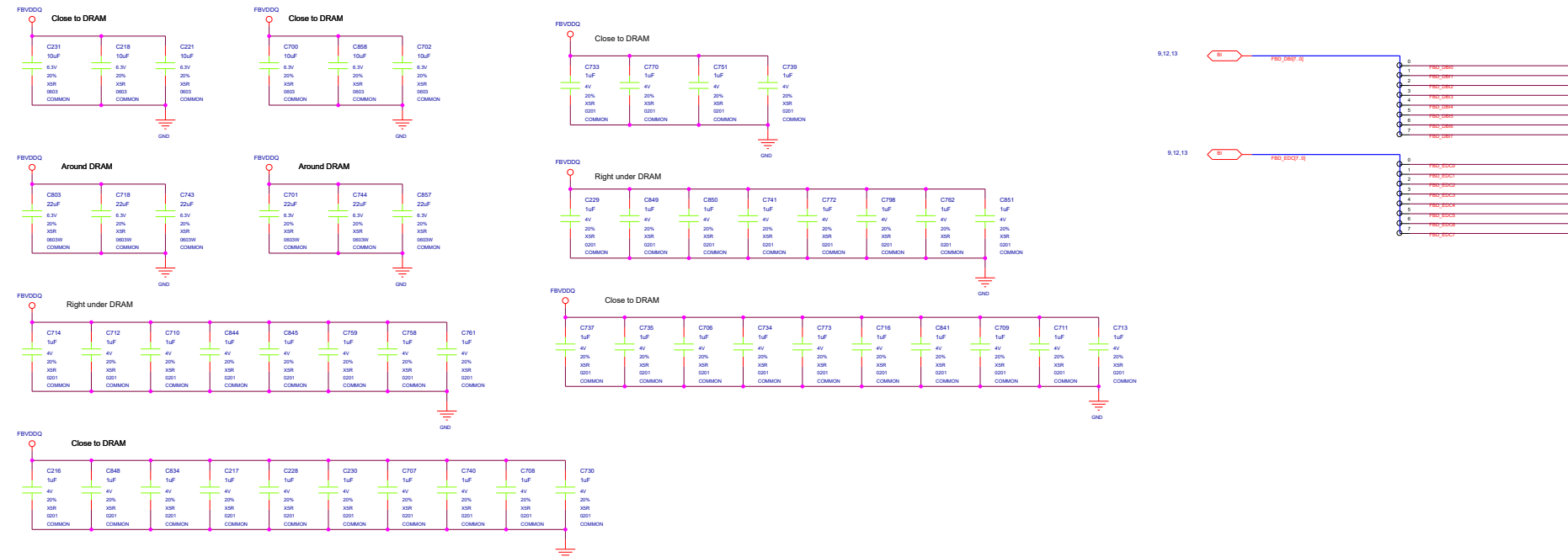
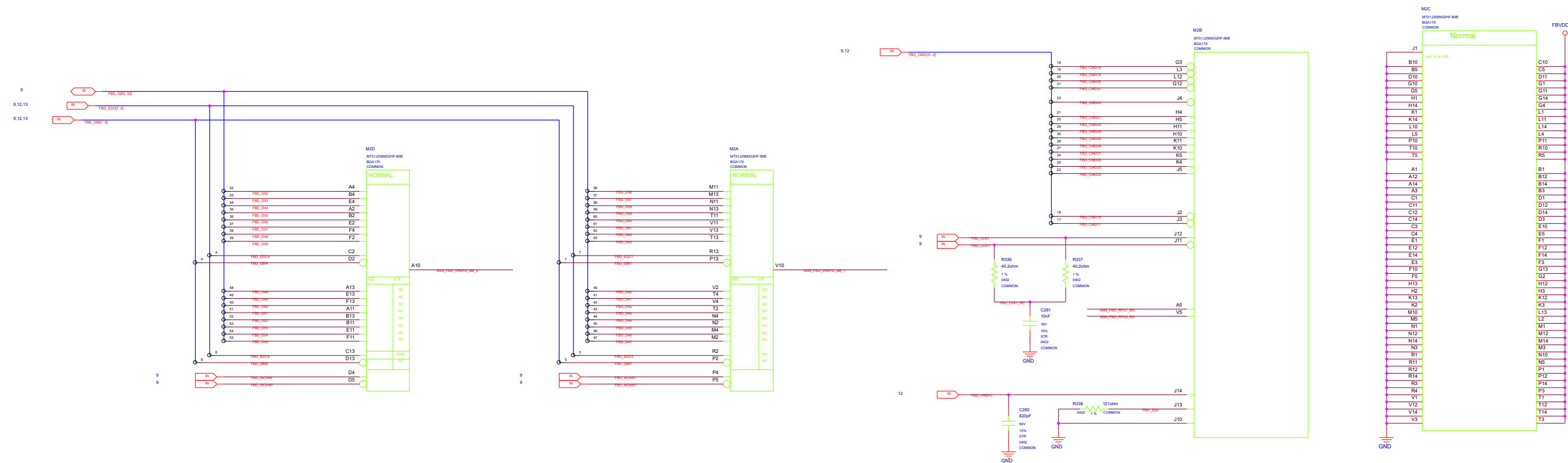




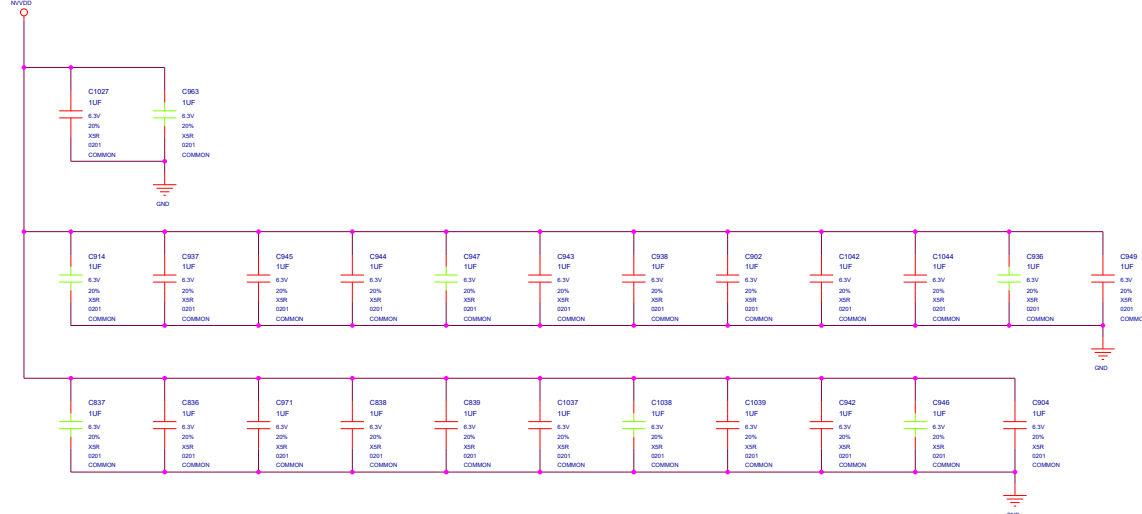
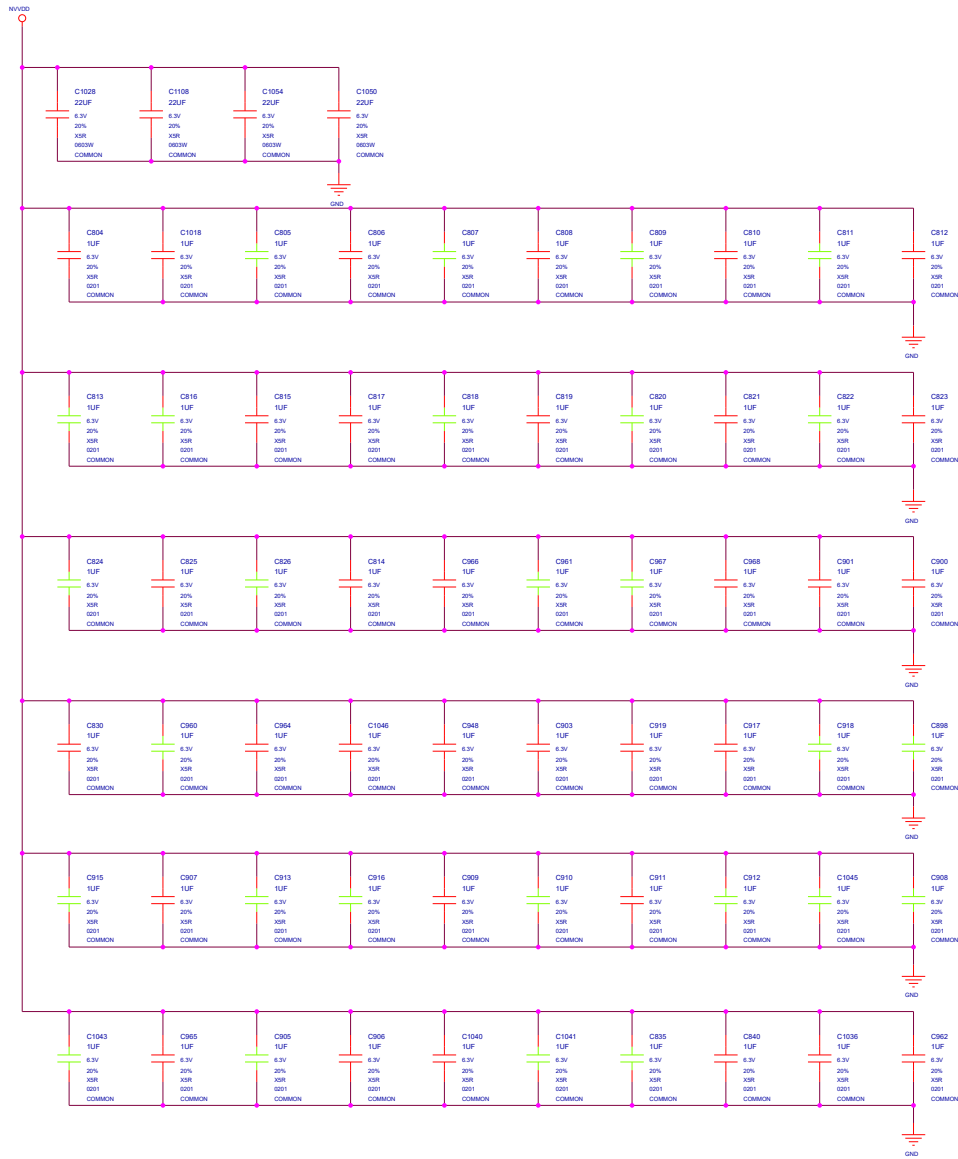


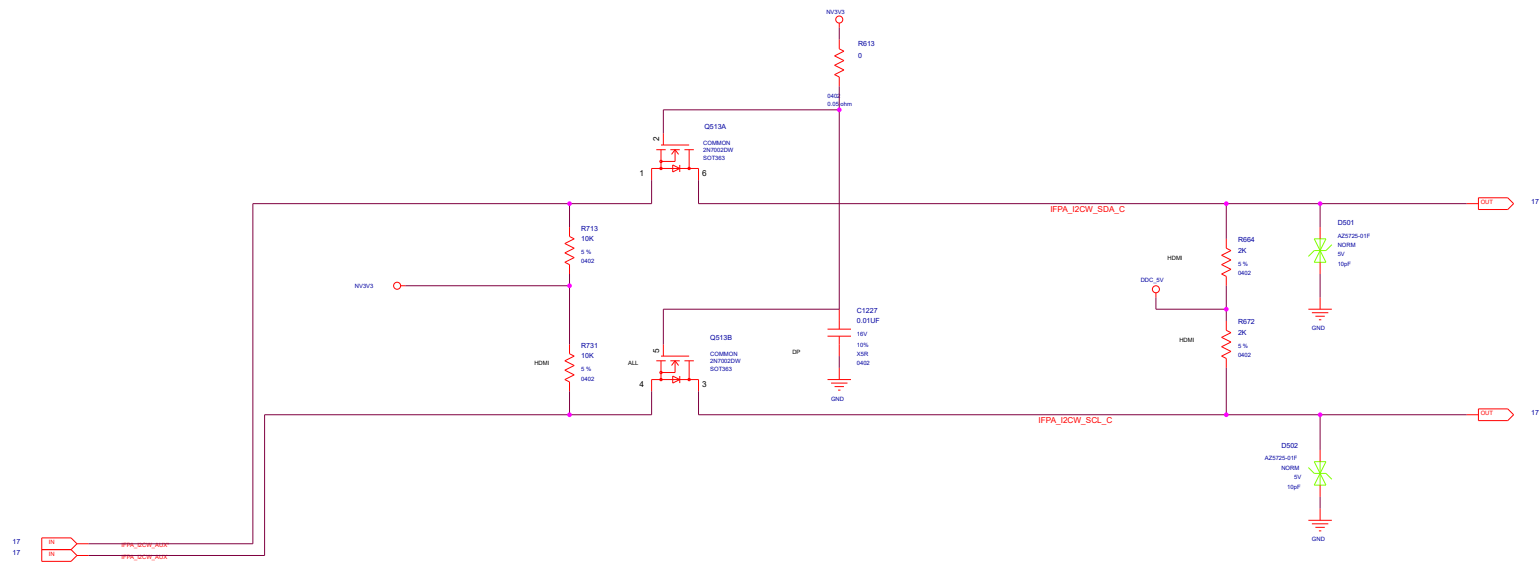




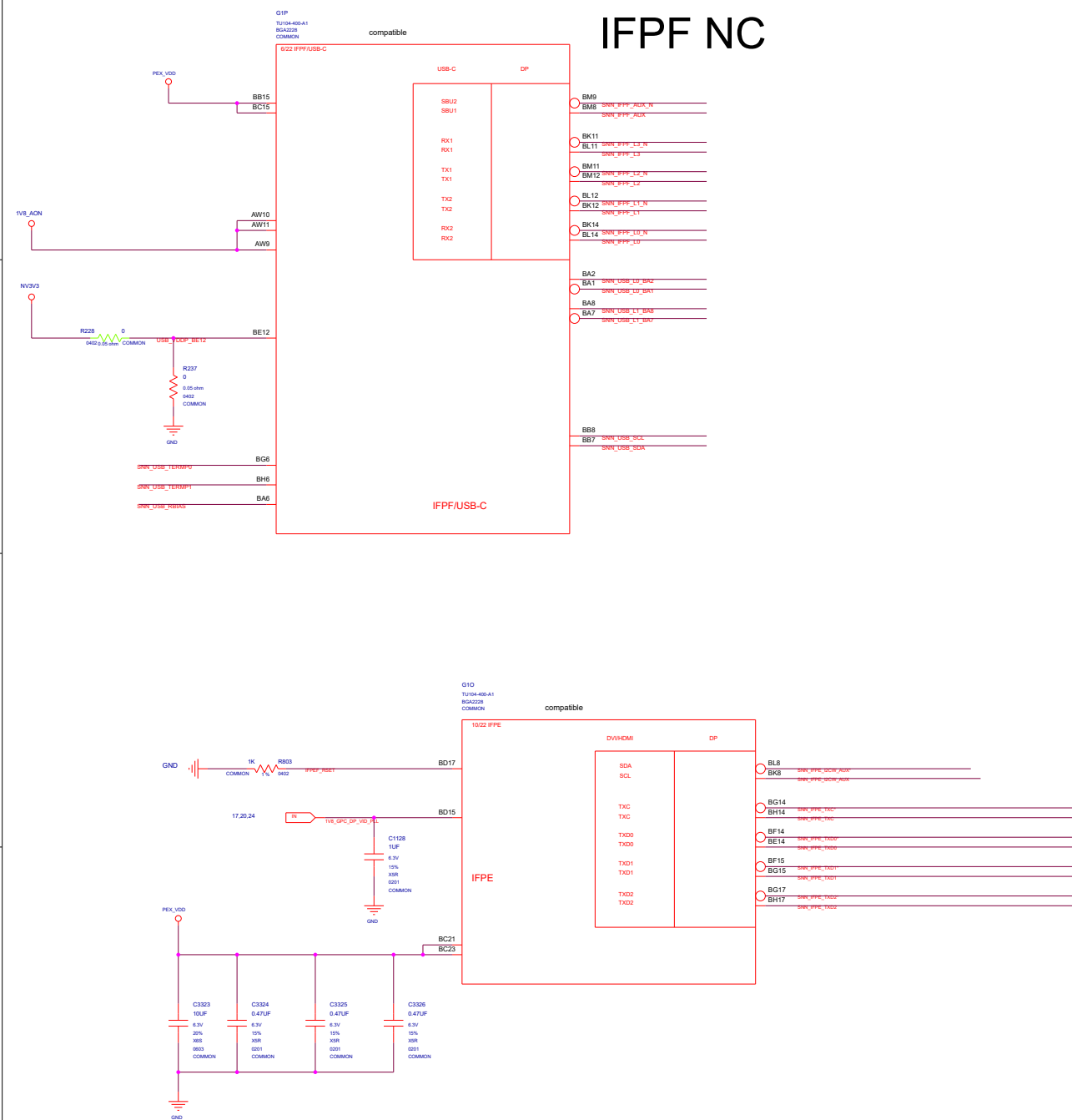


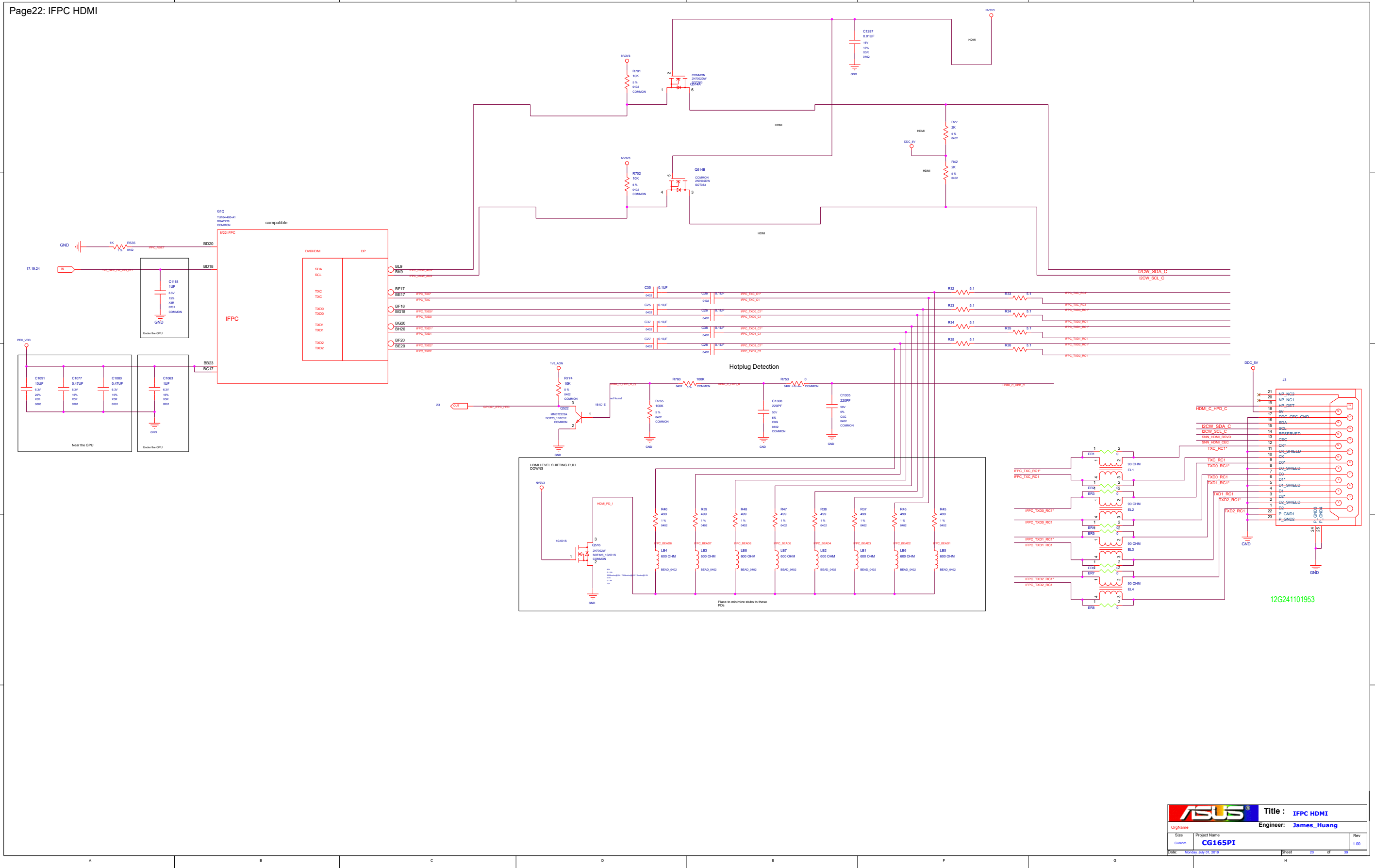
NVDD

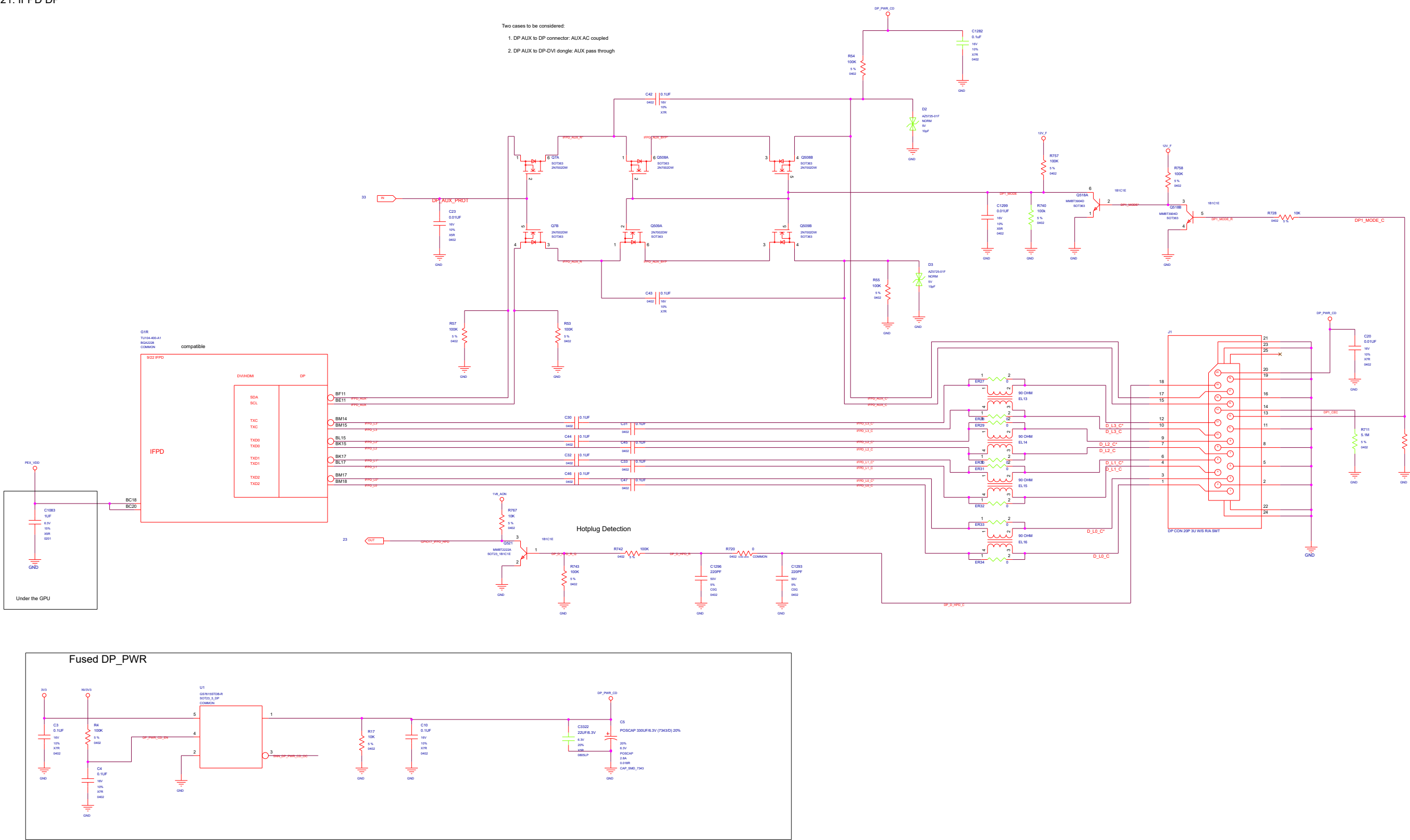


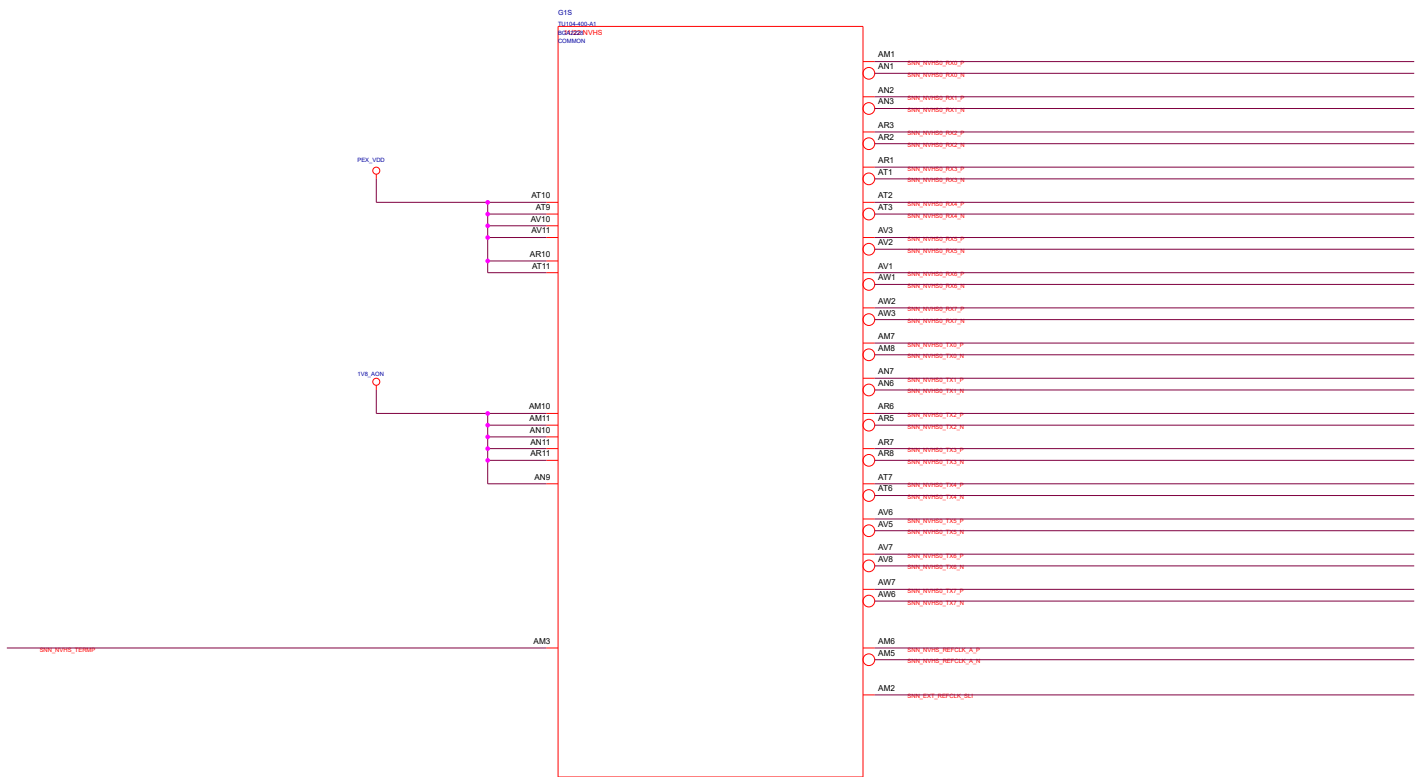


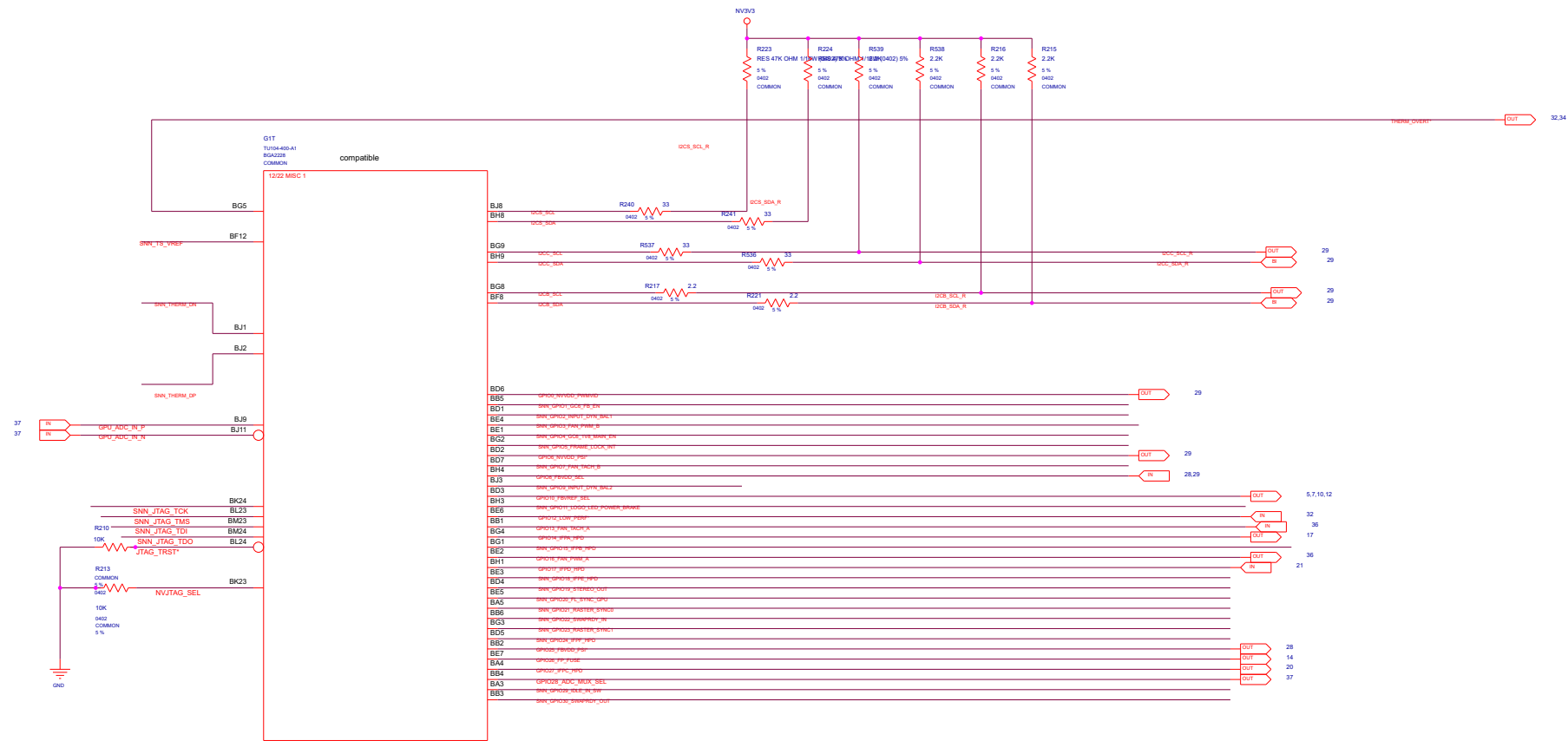
IFPA DP CO-LAYOUT WITH IFPAB DVI-D-DL

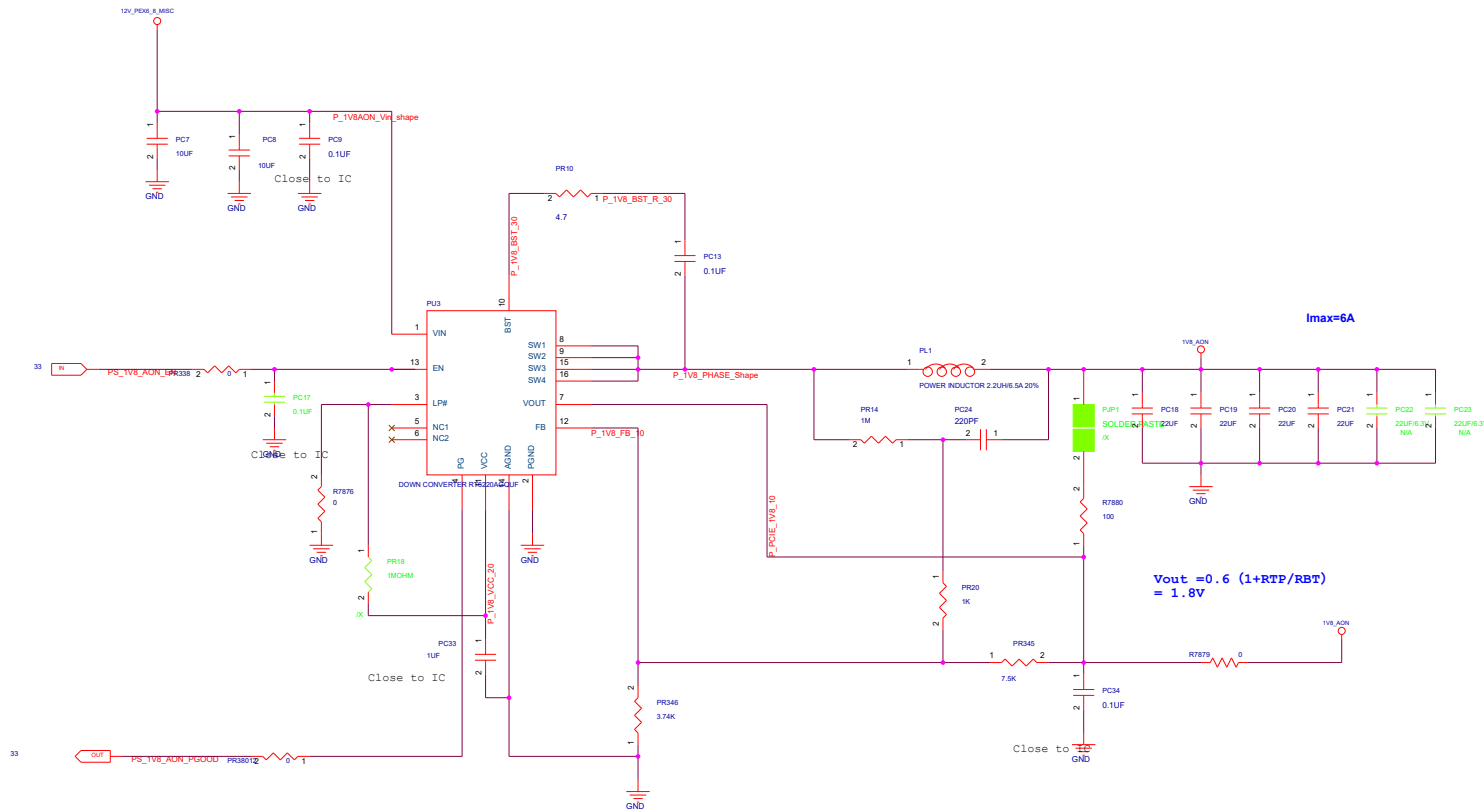


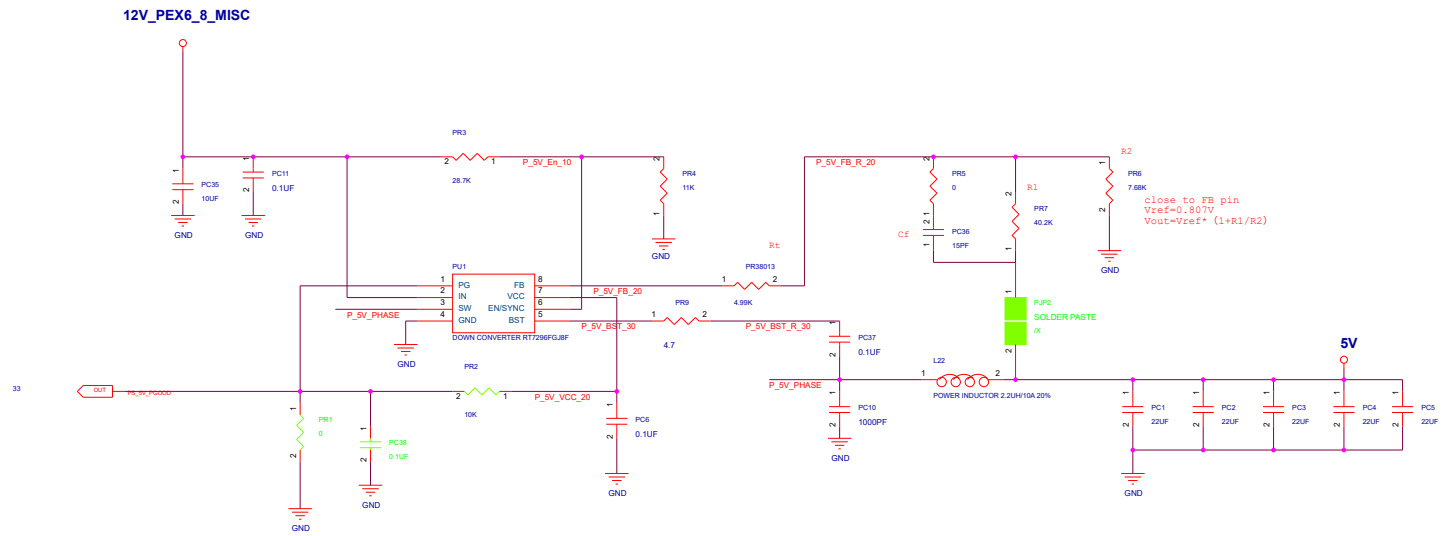


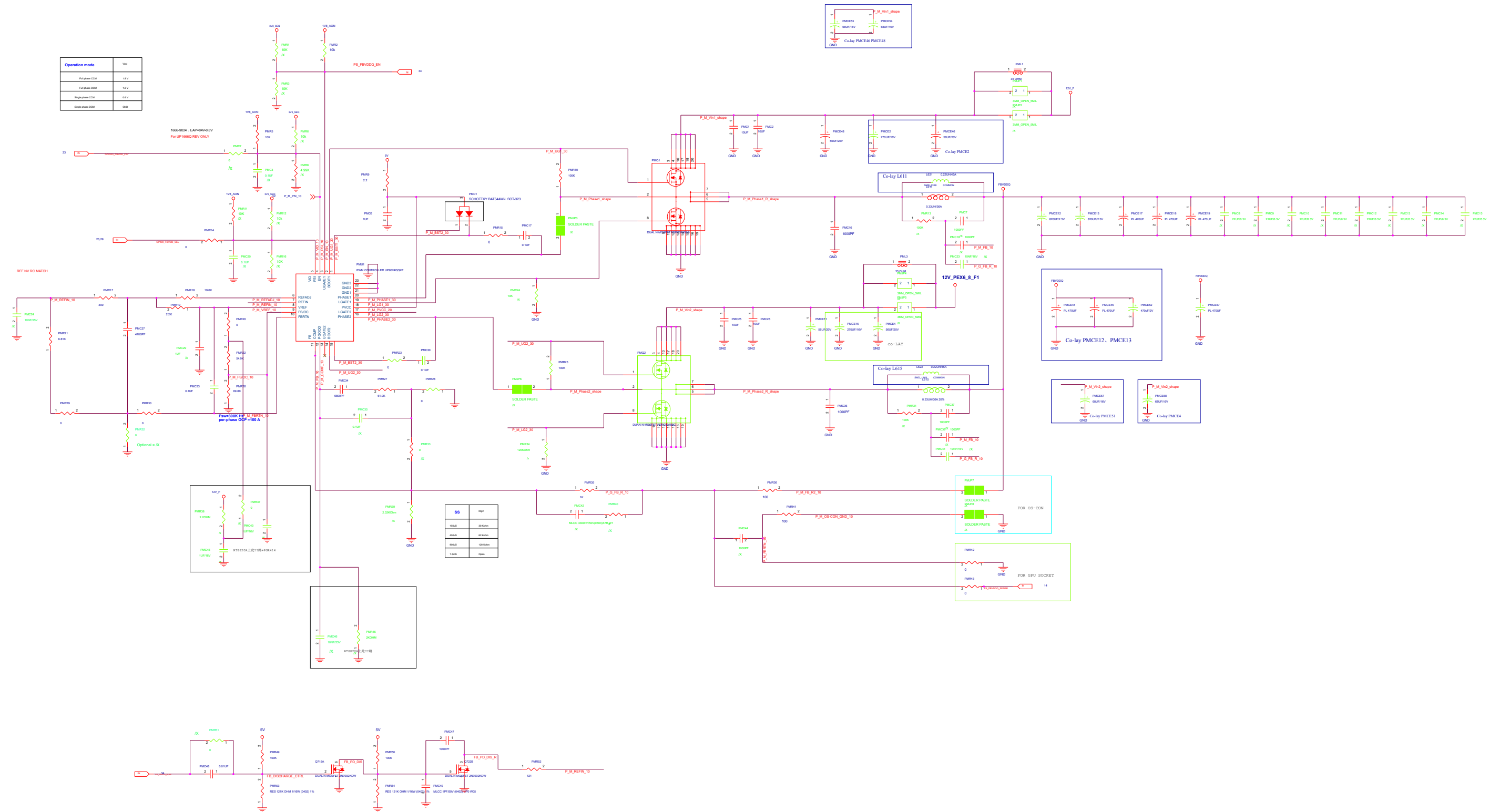


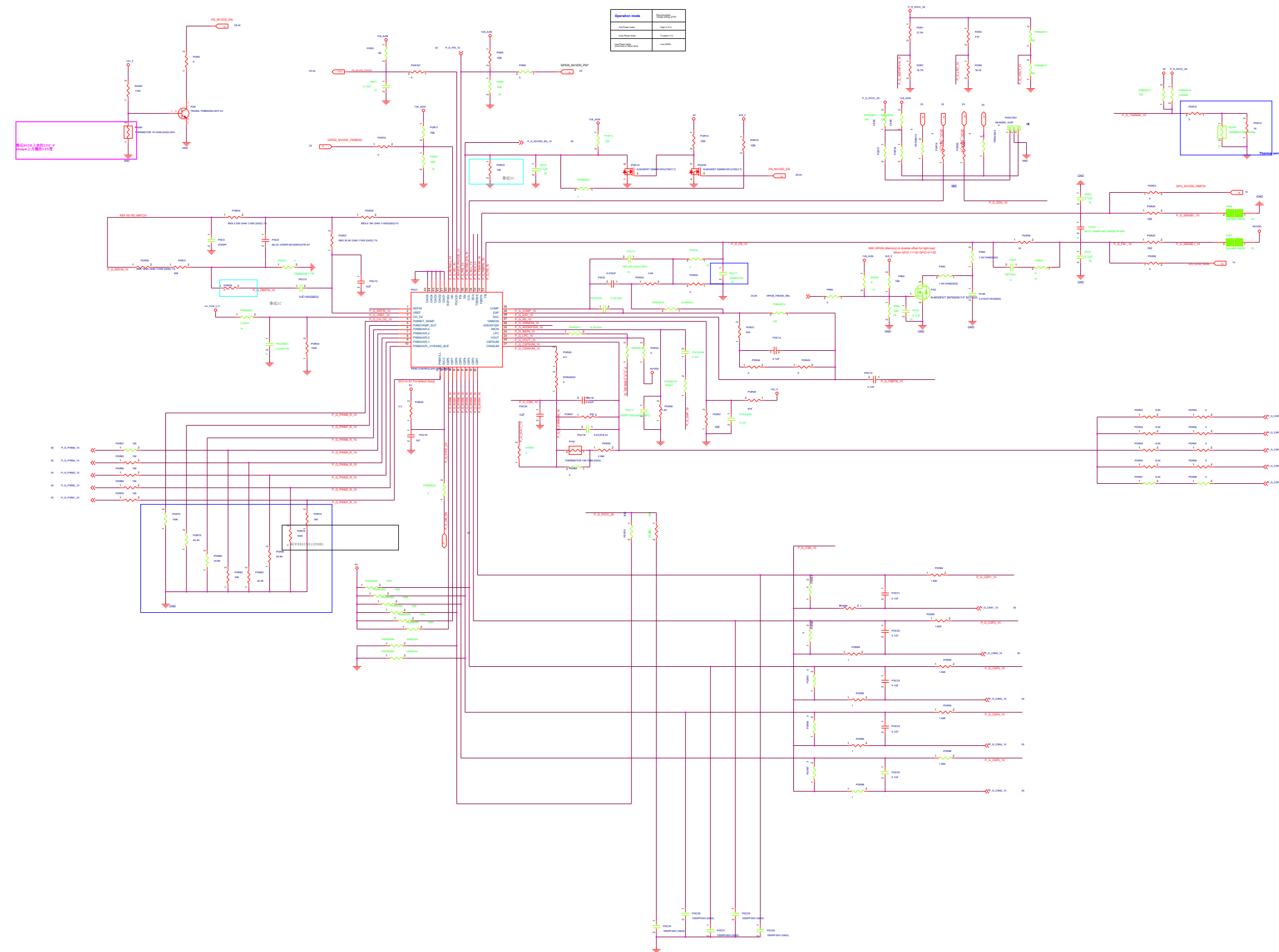


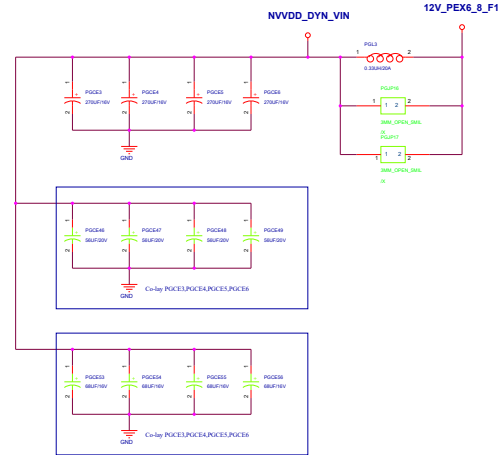
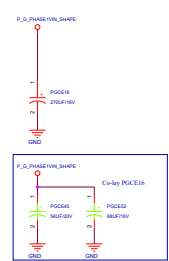
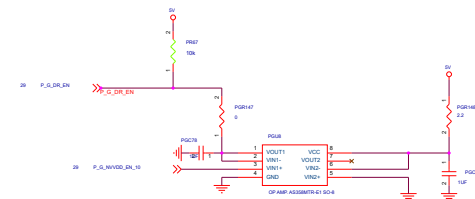
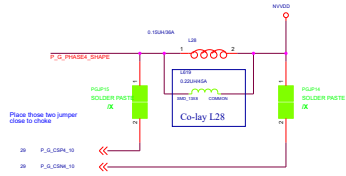
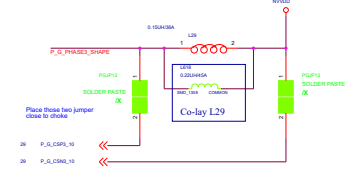
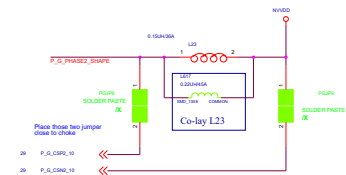
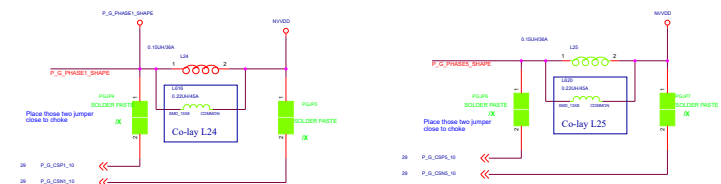
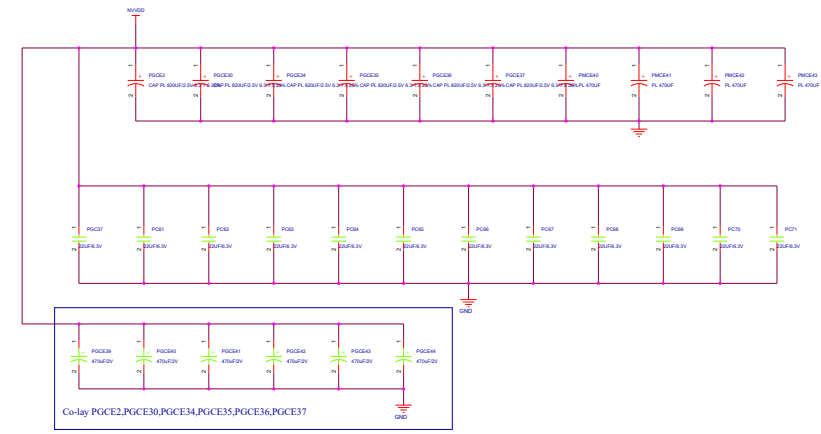
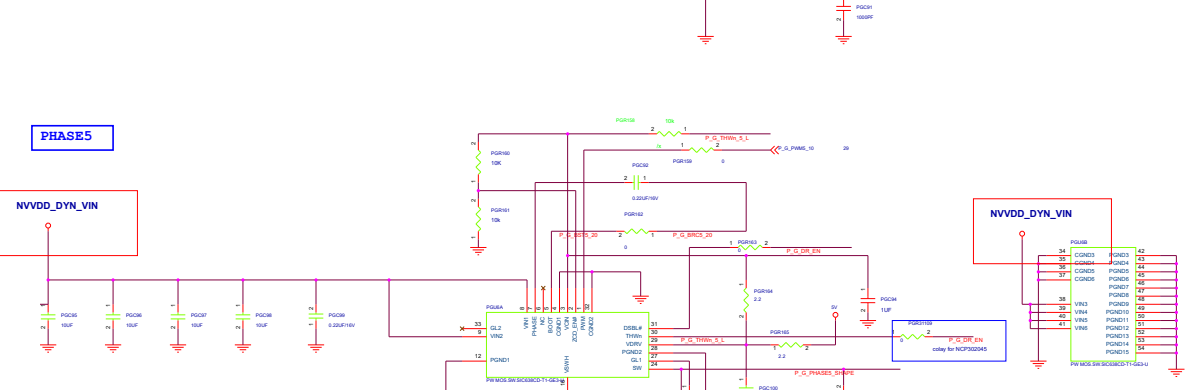
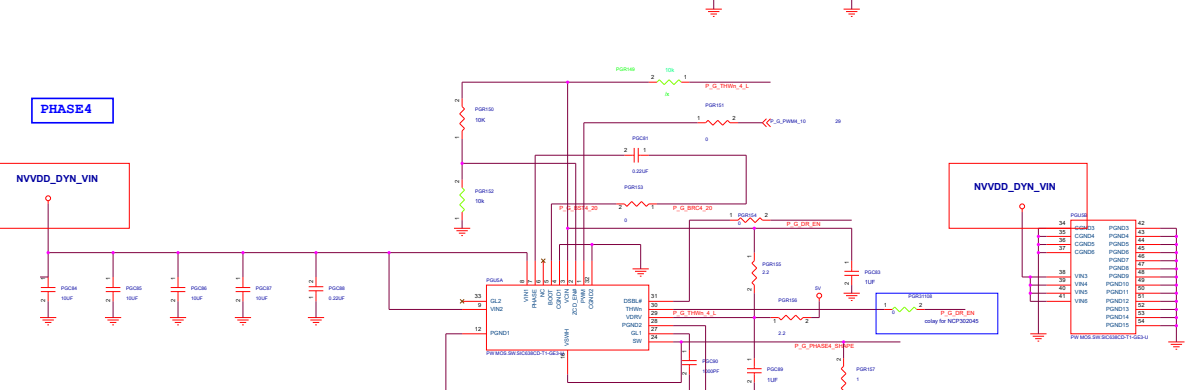
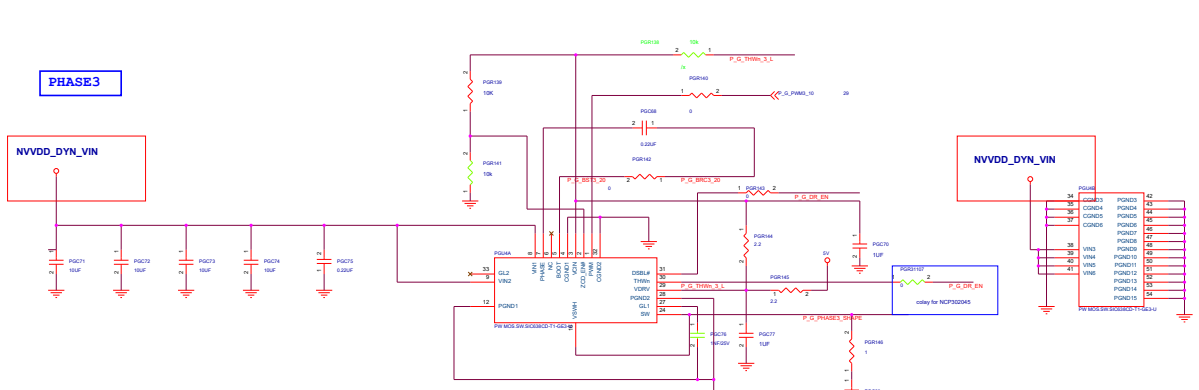
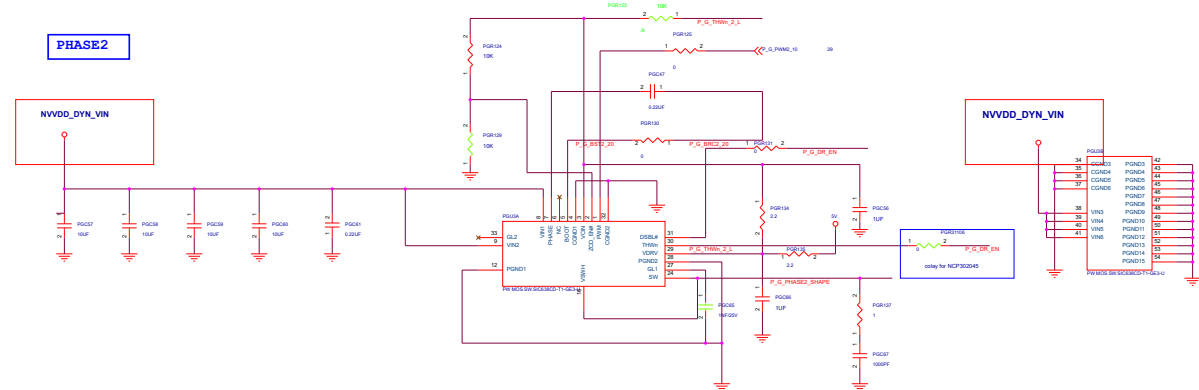
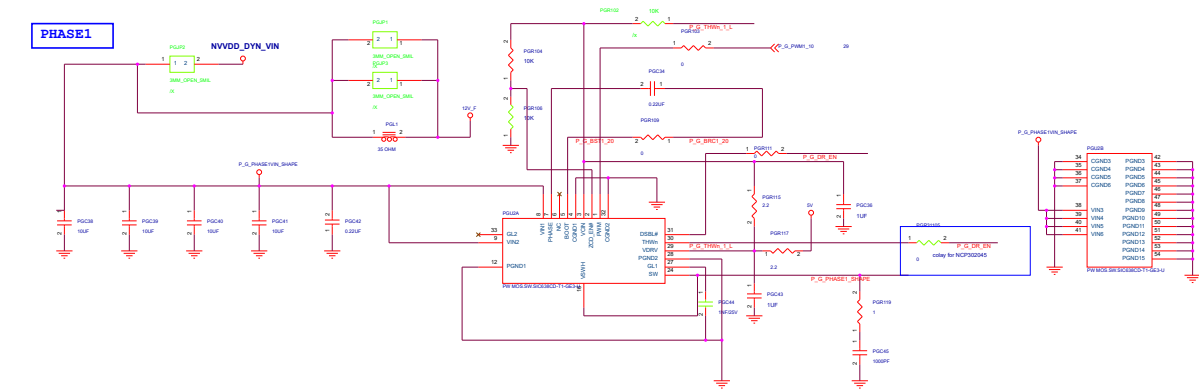


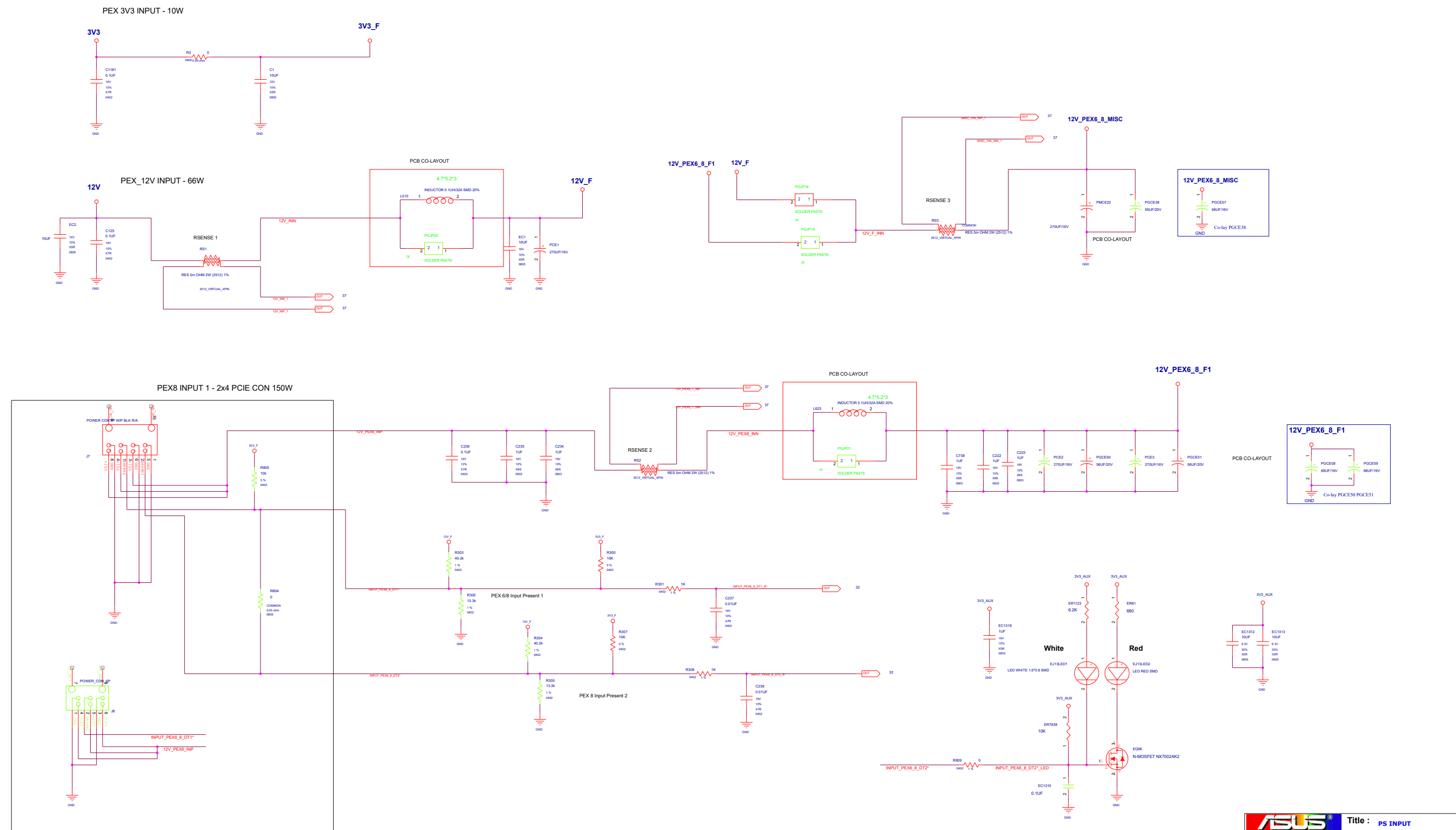


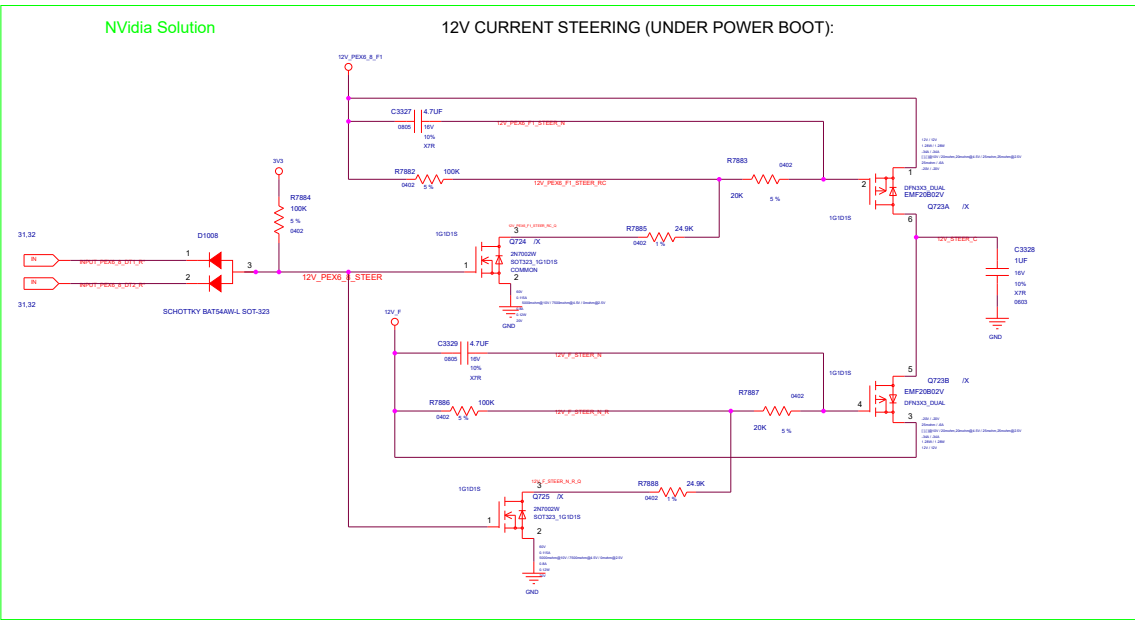
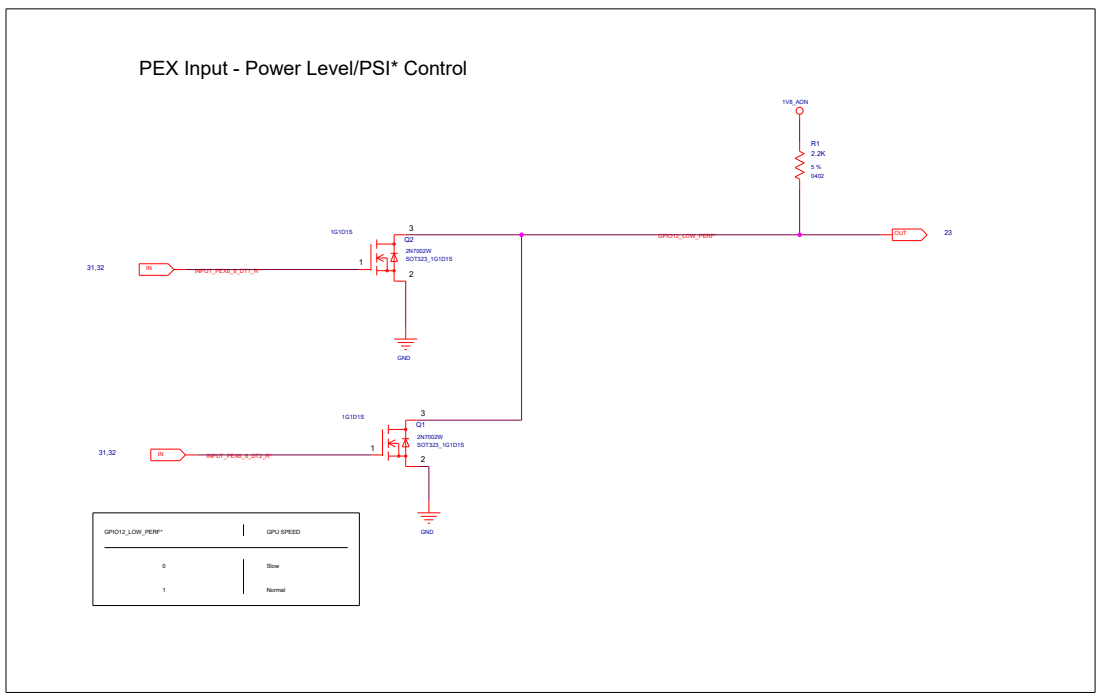
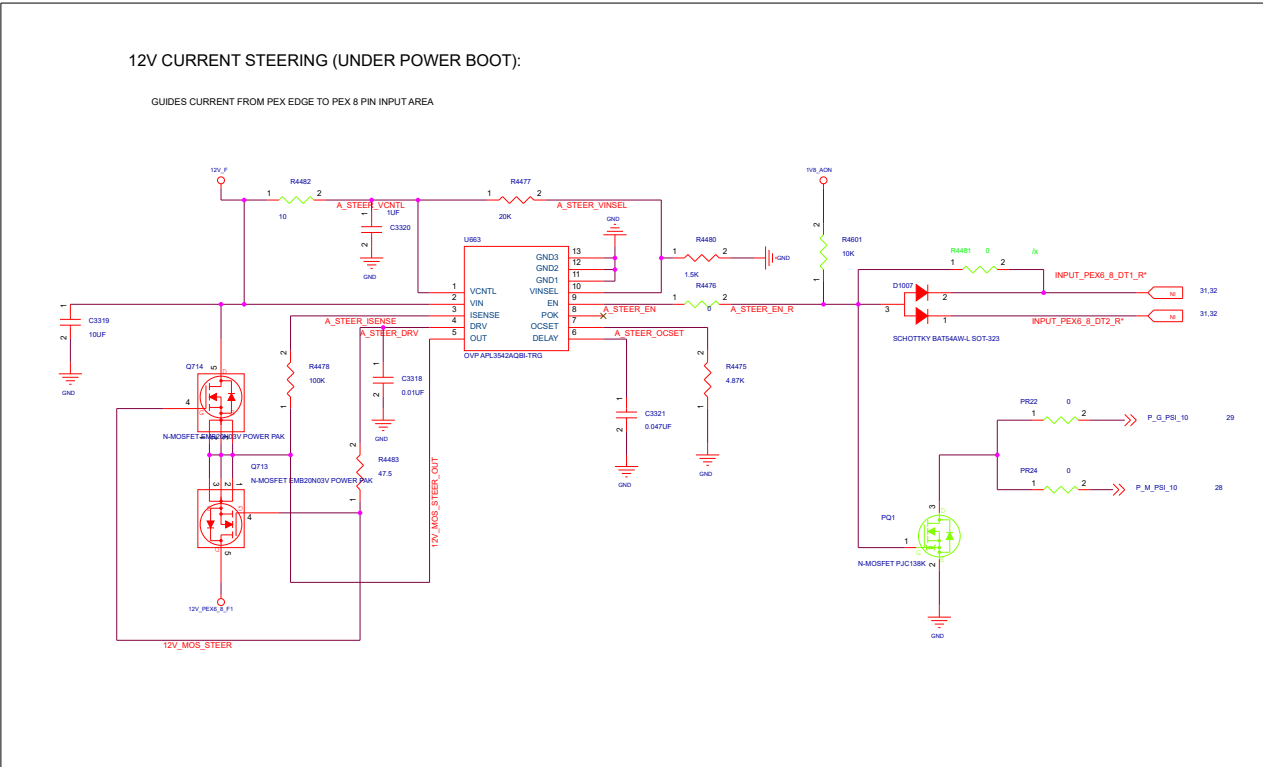
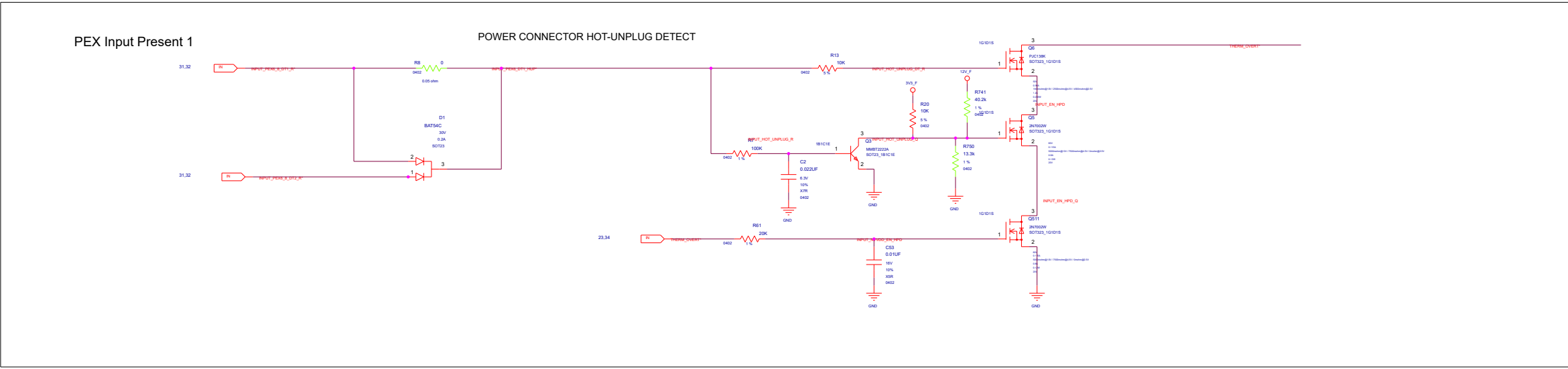


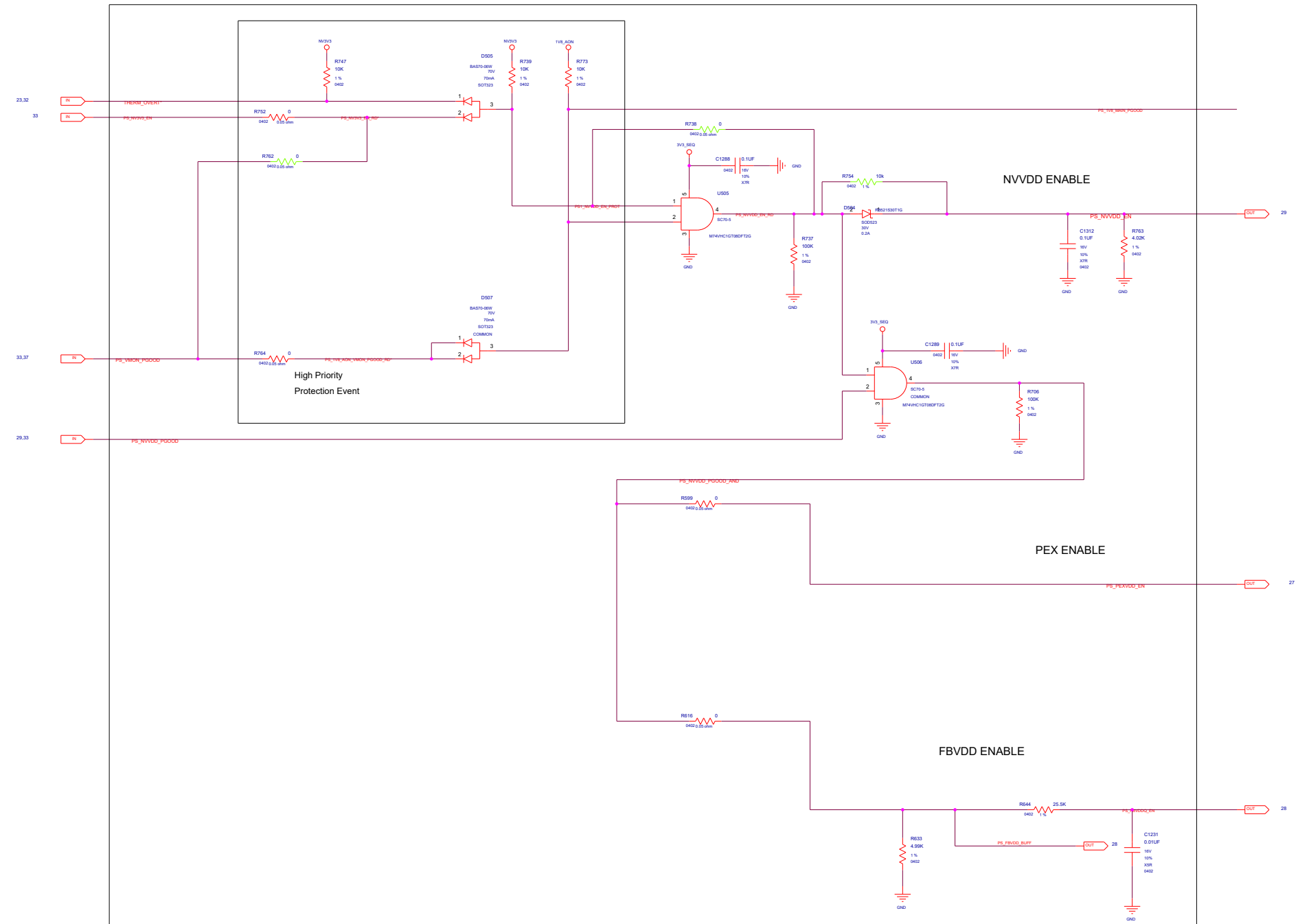


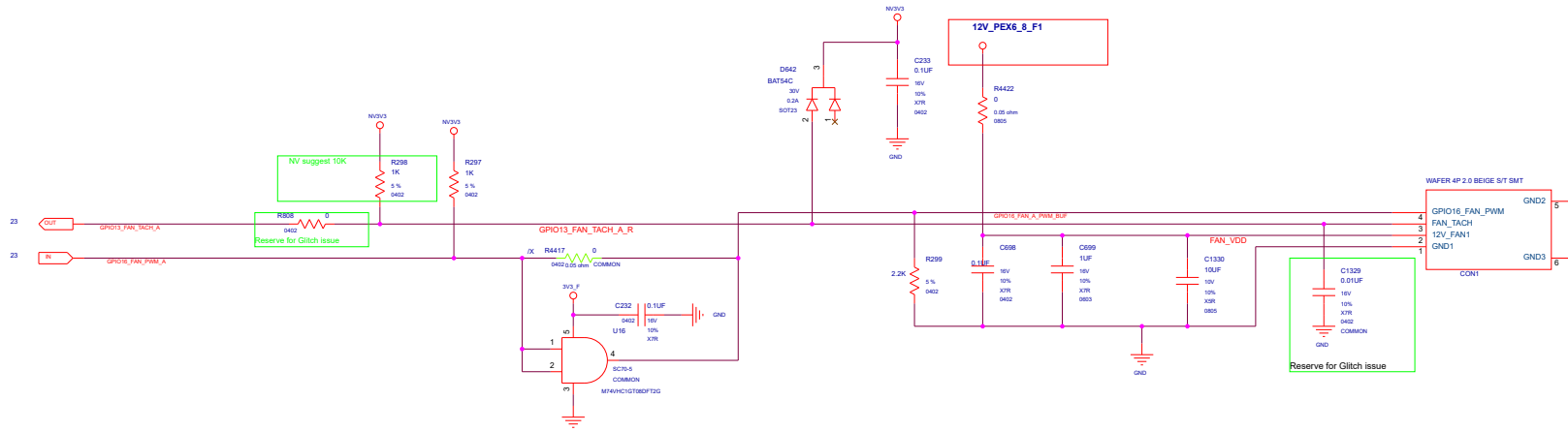








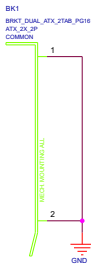




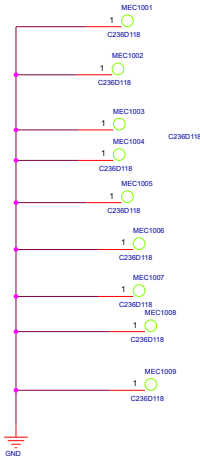
MODE PIN STATUS	MULTIPLEXER OPERATION
LOW	DEVICE A
TRI-STATE(FLOATING)	STAND-ALONE
HIGH	DEVICE B

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

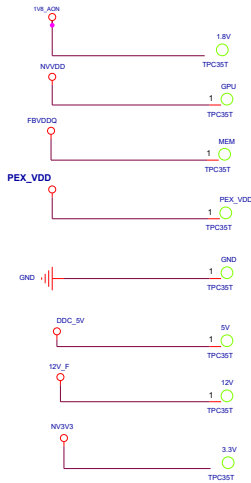
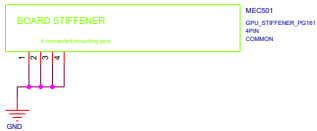
Bracket:













MOUNTING HOLES FOR HS:



BACK STIFFENER:



ASUS VGA PCB Logo

<div>LOG01</div> <div>1</div> <div>CE</div> <div>CE</div> <div>/X</div>		<div>LOG08</div> <div>1</div> <div>UKRAINE</div> <div>UKRAINE</div> <div>/X</div>	
<div>LOG02</div> <div>1</div> <div>VCCI</div> <div>VCCI</div> <div>/X</div>		<div>LOG09</div> <div>1</div> <div>PCB MADE IN CHINA</div> <div>PCB_MADE_IN_CHINA</div> <div>/X</div>	
<div>LOG03</div> <div>1</div> <div>EMI_D33005_H</div> <div>EMI_D33005_H</div> <div>/X</div>		<div>LOG010</div> <div>1</div> <div>MARK_L</div> <div>S_MARK_L</div> <div>/X</div>	
<div>LOG04</div> <div>1</div> <div>FCC</div> <div>FCC</div> <div>/X</div>		<div>LOG011</div> <div>1</div> <div>WEEE_LOGO</div> <div>WEEE_LOGO</div> <div>/X</div>	
<div>LOG05</div> <div>1</div> <div>RCM</div> <div>RCM</div> <div>/X</div>			
<div>LOG06</div> <div>1</div> <div>CAN ICES-3 (B) /NMB-3 (B)</div> <div>CAN_ICES_3B_NMB_3B</div> <div>/X</div>			
<div>LOG07</div> <div>1</div> <div>KC_R-R-MSQ-XXXXXXXXXXXXXX</div> <div>KC_R_R_LOGO</div> <div>/X</div>	