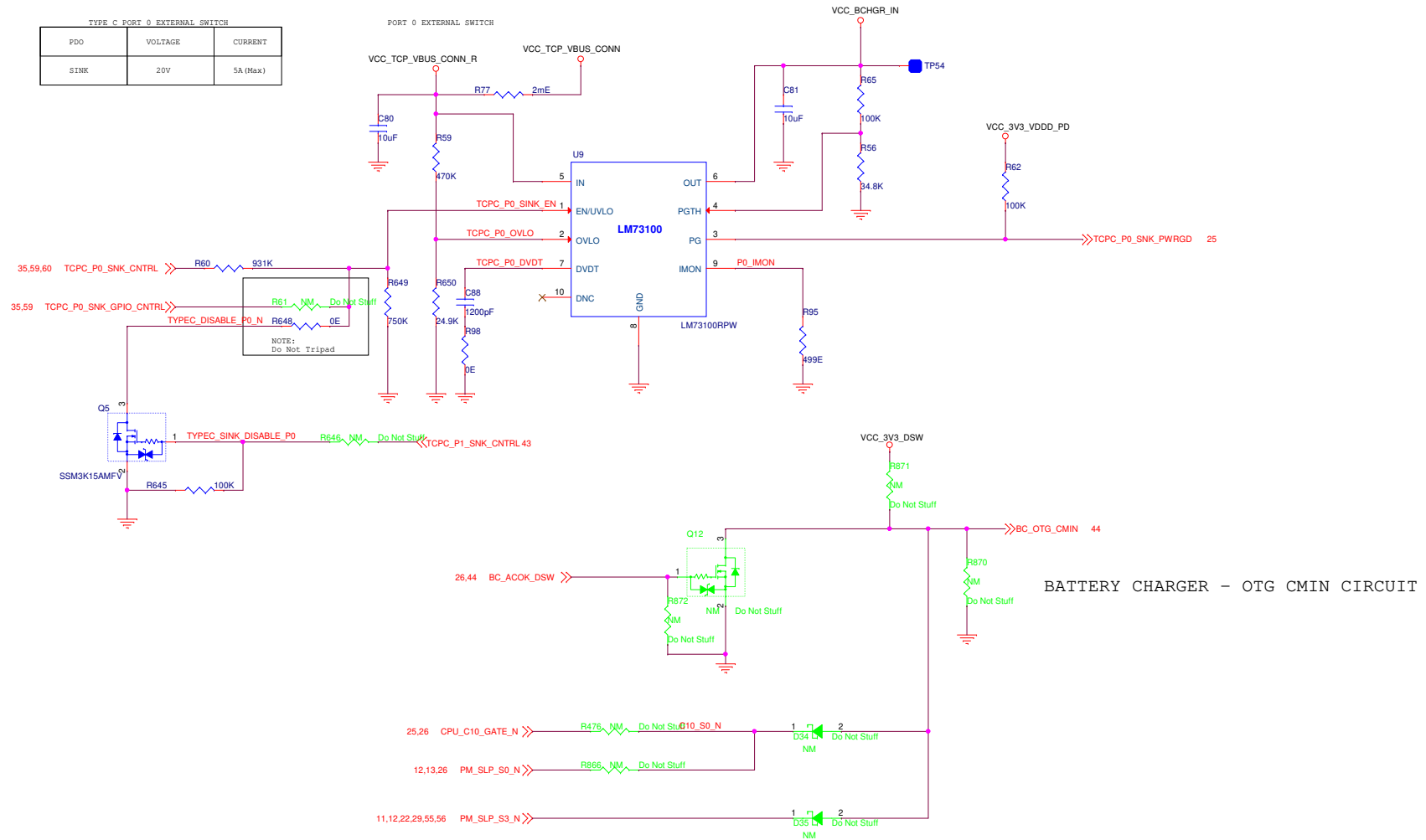


TYPEC_EXTERNAL_SWITCH & Pro

TYPE C PORT 0 EXTERNAL SWITCH		
PDO	VOLTAGE	CURRENT
SINK	20V	5A (Max)

PORT 0 EXTERNAL SWITCH



Intel i5 Laptop

	A3	Title : TYPEC_EXTERNAL_SWITCH & Pro	
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NOTE:
PLACE NEAR U9.1, U9.6, U9.20, U9.28

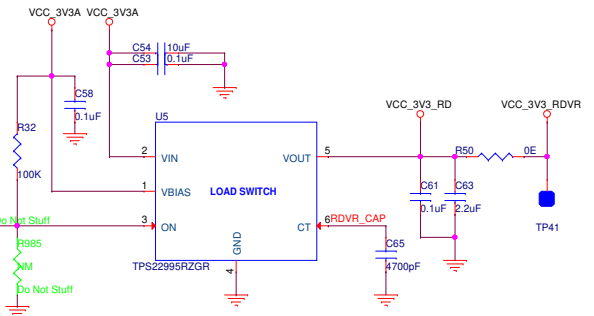
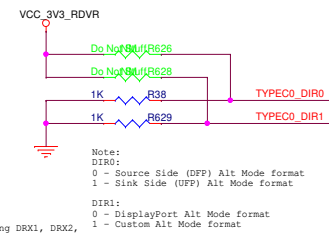


Table 8. VOD Linear Range and DC Gain

Setting #	CPG1 Level	CPG2 Level	Downstream CPGs (all)	Downstream CPGs (all)	Downstream CPGs (all)	Upstream CPGs (all)
			Downstream CPGs (all)	Downstream CPGs (all)	Downstream CPGs (all)	Upstream CPGs (all)
0	0	0	0	0	900	900
1	0	0	0	1	900	900
2	0	0	0	1	900	900
3	0	0	1	1	900	900
4	0	0	0	2	1100	1100
5	0	0	1	0	1100	1100
6	0	0	1	0	1100	1100
7	0	0	1	2	1100	1100
8	0	0	0	0	Reserved	Reserved
9	0	0	0	0	Reserved	Reserved
10	0	0	0	0	Reserved	Reserved
11	0	0	0	0	Reserved	Reserved
12	1	0	0	0	Reserved	Reserved
13	0	0	0	0	Reserved	Reserved
14	1	0	0	0	Reserved	Reserved

Downstream Facing Ports using 1100mV Insanity setting				Upstream Facing Port using 1100mV Insanity setting			
EQ Setting #	DEQ1 pin Level	DEQ0 pin Level	EQ GAIN 3 (dB)	EQ GAIN 4 (dB)	UEQ1 pin Level	UEQ0 pin Level	EQ GAIN 4 (dB)
0	0	0	-2.1	-1.4	0	0	-3.3
1	0	H	0	-0.6	0	H	-1.5

Downstream Facing Ports using 1100mV Insanity setting					Upstream Facing Port using 1100mV Insanity setting				
EQ Setting #	DEQ1 pin Level	DEQ0 pin Level	EQ GAIN 3 (dB)	EQ GAIN 4 (dB)	UEQ1 pin Level	UEQ0 pin Level	EQ GAIN 3 (dB)	EQ GAIN 4 (dB)	
0	0	0	-2.1	-1.4	0	0	-4.4	-3.3	
1	0	H	0	-0.6	0	H	-2.2	-1.5	

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Subsequent Documentation Feedback

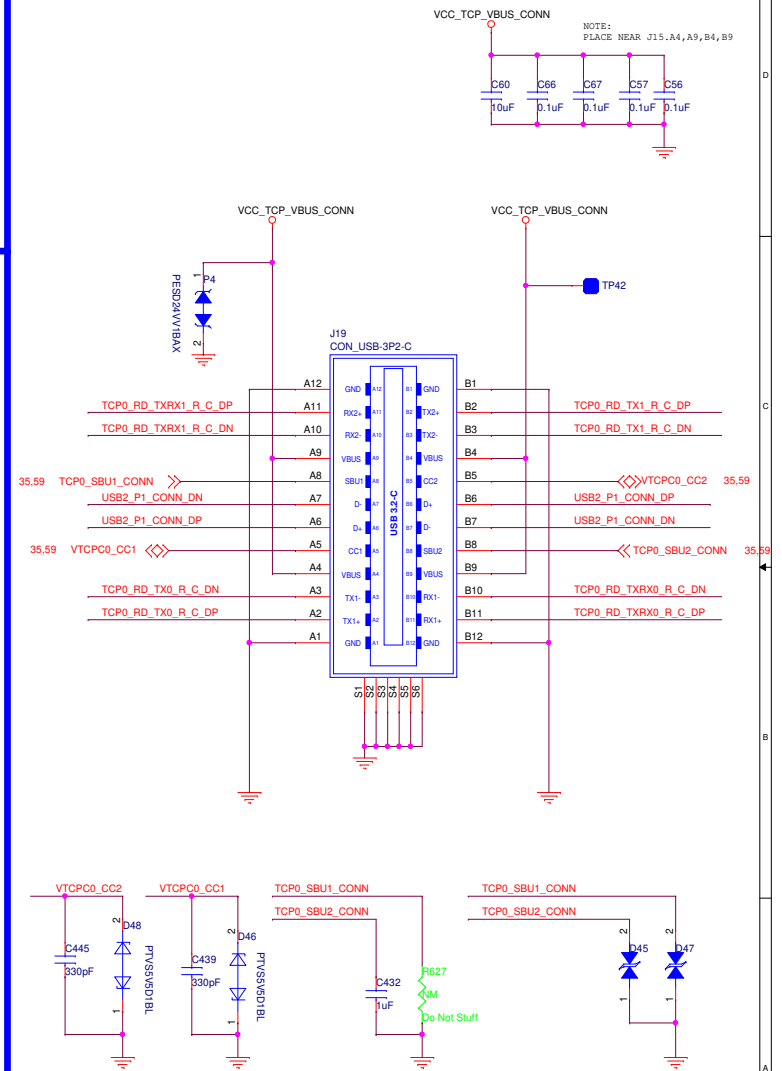
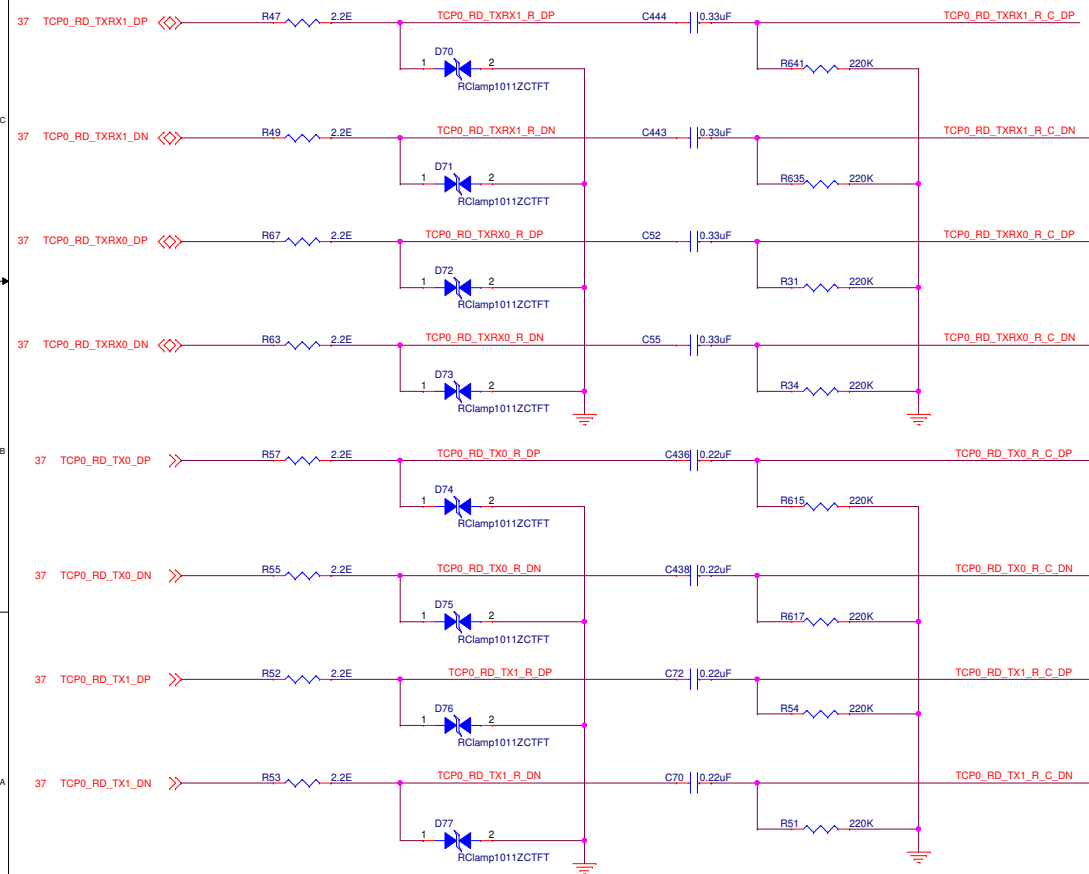
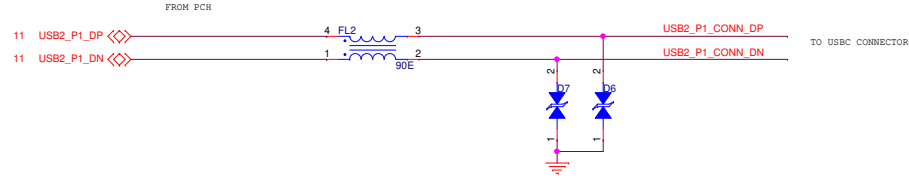
Table 7. USB1044 Receiver Equalization GPIO Control (continued)

Downstream Facing Piers using 1100kV Unity setting			Upstream Facing Pier using 1100kV Unity setting		
P	0	P = 1.0	1.2	P	0.7
0	0	0.0	0.0	0	0.0
1	0	0.0	0.0	1	0.0
2	0	0.0	0.0	2	0.0
3	0	0.0	0.0	3	0.0
4	0	0.0	0.0	4	0.0
5	0	0.0	0.0	5	0.0
6	0	0.0	0.0	6	0.0
7	0	0.0	0.0	7	0.0
8	0	0.0	0.0	8	0.0
9	0	0.0	0.0	9	0.0
10	0	0.0	0.0	10	0.0
11	0	0.0	0.0	11	0.0
12	0	0.0	0.0	12	0.0
13	0	0.0	0.0	13	0.0
14	0	0.0	0.0	14	0.0
15	0	0.0	0.0	15	0.0
16	0	0.0	0.0	16	0.0
17	0	0.0	0.0	17	0.0
18	0	0.0	0.0	18	0.0
19	0	0.0	0.0	19	0.0
20	0	0.0	0.0	20	0.0
21	0	0.0	0.0	21	0.0
22	0	0.0	0.0	22	0.0
23	0	0.0	0.0	23	0.0
24	0	0.0	0.0	24	0.0
25	0	0.0	0.0	25	0.0
26	0	0.0	0.0	26	0.0
27	0	0.0	0.0	27	0.0
28	0	0.0	0.0	28	0.0
29	0	0.0	0.0	29	0.0
30	0	0.0	0.0	30	0.0
31	0	0.0	0.0	31	0.0
32	0	0.0	0.0	32	0.0
33	0	0.0	0.0	33	0.0
34	0	0.0	0.0	34	0.0
35	0	0.0	0.0	35	0.0
36	0	0.0	0.0	36	0.0
37	0	0.0	0.0	37	0.0
38	0	0.0	0.0	38	0.0
39	0	0.0	0.0	39	0.0
40	0	0.0	0.0	40	0.0
41	0	0.0	0.0	41	0.0
42	0	0.0	0.0	42	0.0
43	0	0.0	0.0	43	0.0
44	0	0.0	0.0	44	0.0
45	0	0.0	0.0	45	0.0
46	0	0.0	0.0	46	0.0
47	0	0.0	0.0	47	0.0
48	0	0.0	0.0	48	0.0
49	0	0.0	0.0	49	0.0
50	0	0.0	0.0	50	0.0
51	0	0.0	0.0	51	0.0
52	0	0.0	0.0	52	0.0
53	0	0.0	0.0	53	0.0
54	0	0.0	0.0	54	0.0
55	0	0.0	0.0	55	0.0
56	0	0.0	0.0	56	0.0
57	0	0.0	0.0	57	0.0
58	0	0.0	0.0	58	0.0
59	0	0.0	0.0	59	0.0
60	0	0.0	0.0	60	0.0
61	0	0.0	0.0	61	0.0
62	0	0.0	0.0	62	0.0
63	0	0.0	0.0	63	0.0
64	0	0.0	0.0	64	0.0
65	0	0.0	0.0	65	0.0
66	0	0.0	0.0	66	0.0
67	0	0.0	0.0	67	0.0
68	0	0.0	0.0	68	0.0
69	0	0.0	0.0	69	0.0



A3	Title : TYPEC_REDRIIVER		
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TYPE C CONNECTOR



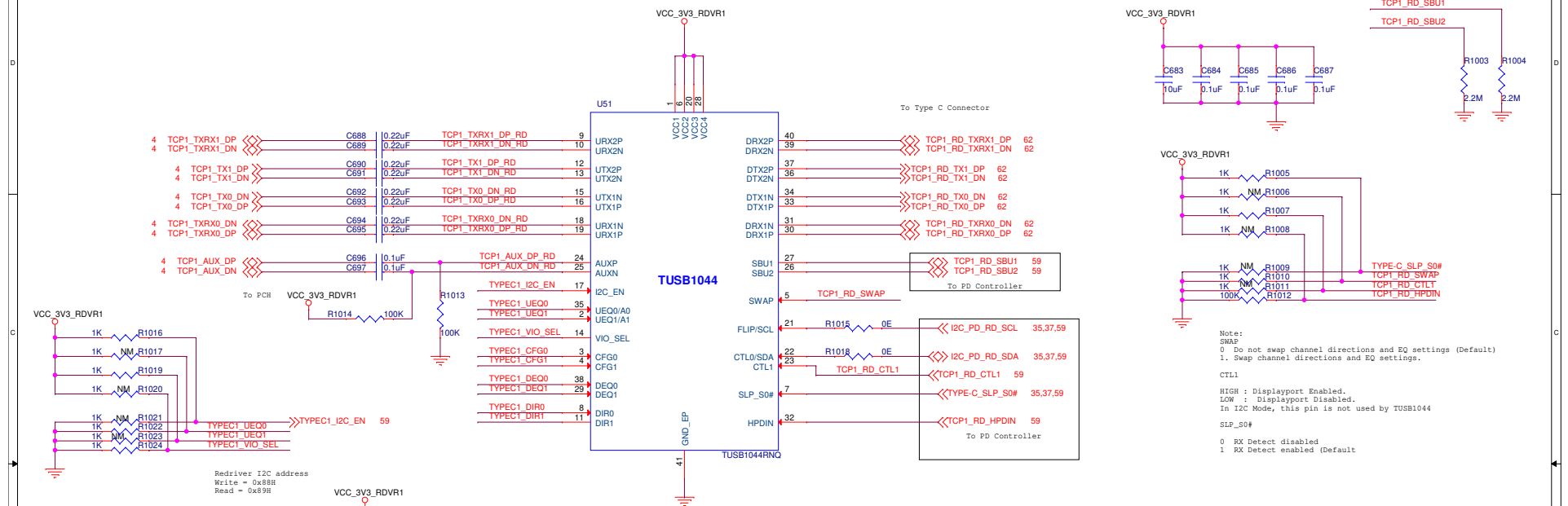
Intel i5 Laptop		Title : TYPE C CONNECTOR	
VVDN TECHNOLOGIES		Rev: A2	
Fab No : 501-1-04407		Sheet 38 of 58	
Asy No : 701-1-05415			

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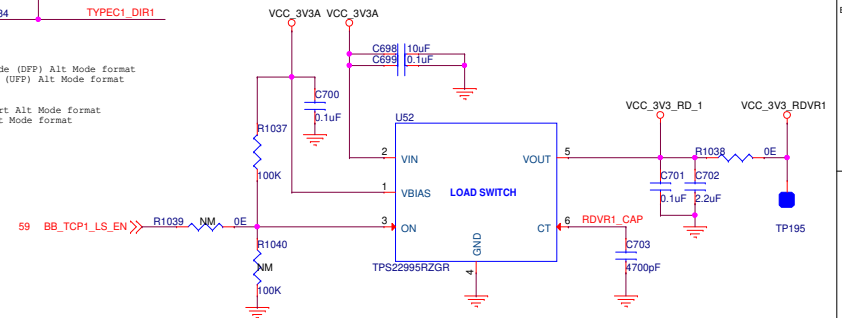
C

USB TYPE C Re-DRIVER

NOTE:
PLACE NEAR U9.1, U9.6, U9.20, U9.28



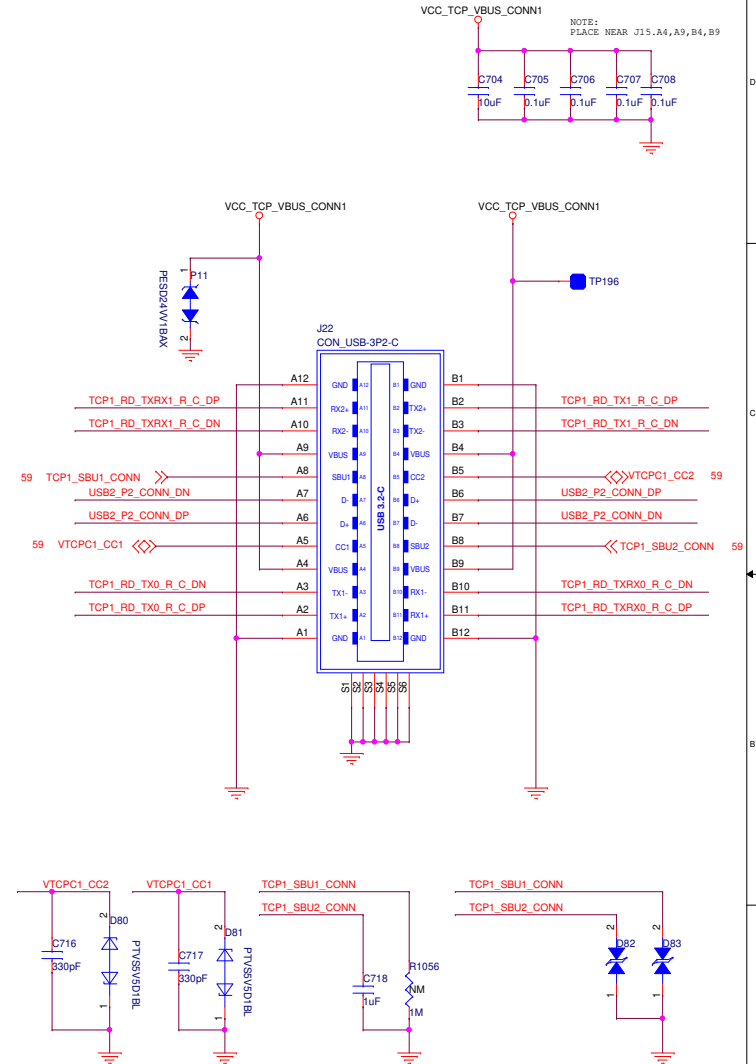
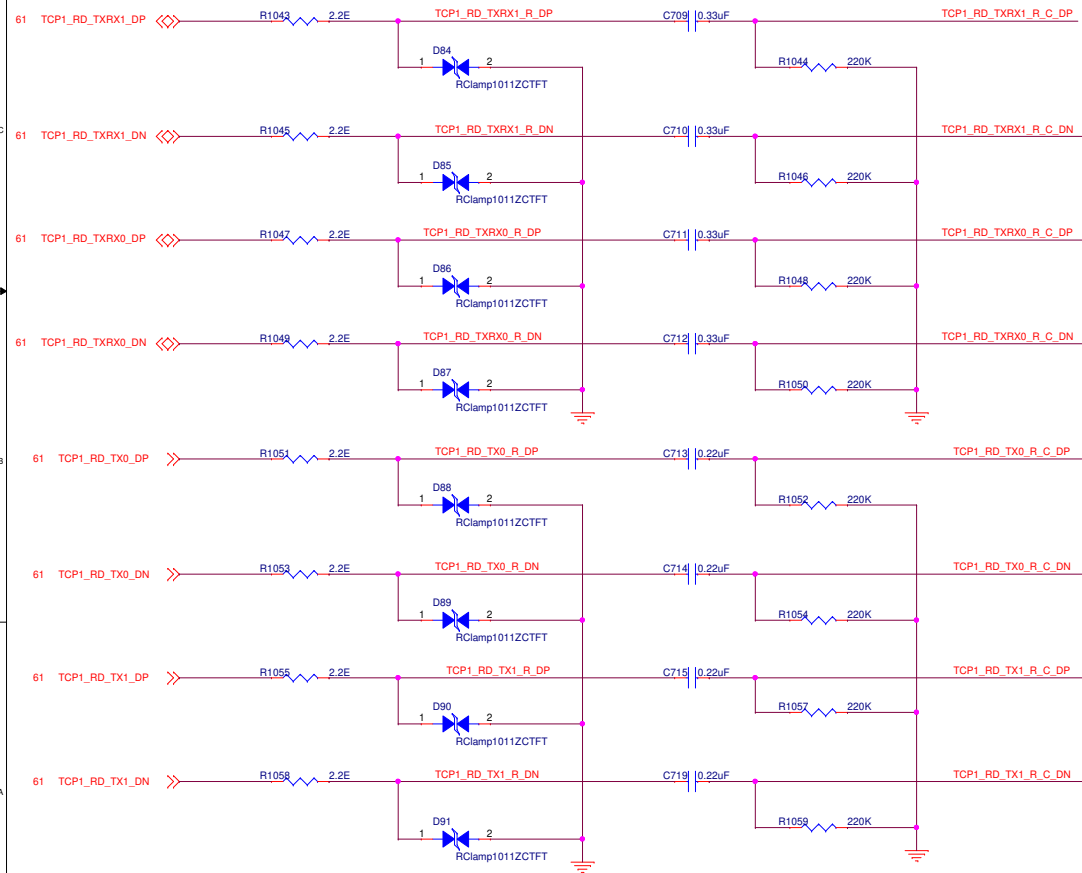
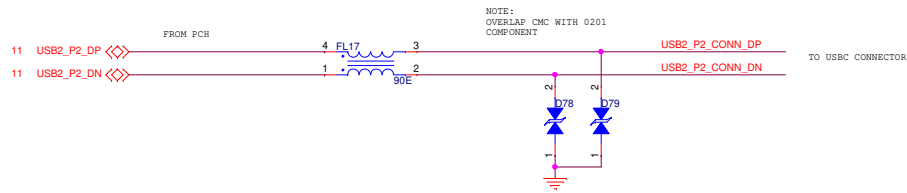
RETIMER POWER GATE



Intel i5 Laptop

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TYPE C CONNECTOR 2



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	A3	Title : TYPE C CONNECTOR	
	Fab No : 501-1-04404		Rev: A1
	Asy No : 701-1-05308		Sheet 62 of 58