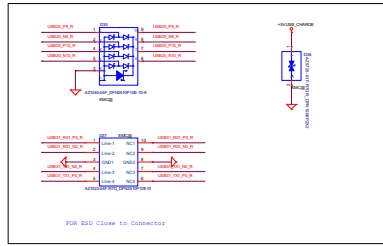
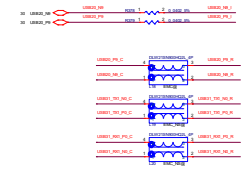
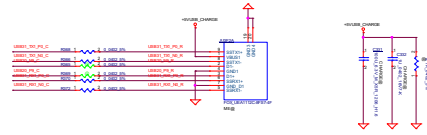
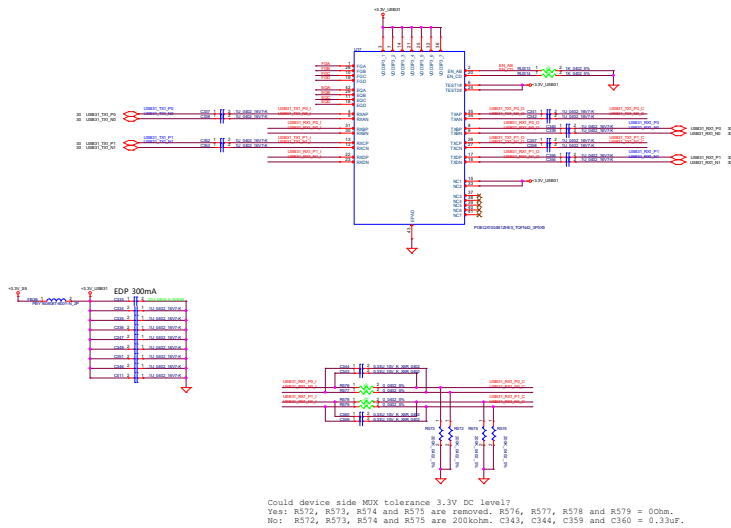


USB3.1_down

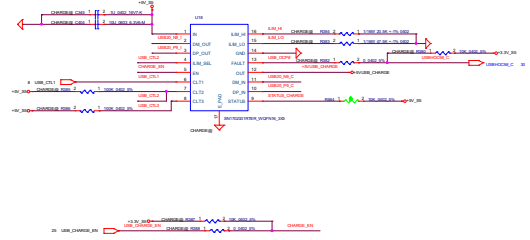
USB3.1 2Ports Redriver



USB3.1_down With Charge

CTL1	CTL2	CTL3	ILIM_SEL	Charging Mode	Current Limit Setting	TPS2543 STATUS Output (active low)
0	0	0	0	Discharge	NA	off
0	0	0	1	Discharge	NA	off
0	0	1	0	DCP / auto	ILIM_HI	off
0	0	1	1	DCP / auto	ILIM_HI & ILIM_LO	DCP load present ¹
0	1	0	0	SDP	ILIM_LO	off
0	1	0	1	SDP	ILIM_HI	off
0	1	1	0	DCP / auto	ILIM_HI	off
0	1	1	1	DCP / auto	ILIM_HI	DCP load present ²
1	0	0	0	DCP / Shorted	ILIM_LO	off
1	0	0	1	DCP / Shorted	ILIM_HI	off
1	0	1	0	DCP / Divider1	ILIM_LO	off
1	0	1	1	DCP / Divider1	ILIM_HI	off
1	1	0	0	SDP	ILIM_LO	off
1	1	0	1	SDP	ILIM_HI	off
1	1	1	0	SDP/H	ILIM_LO	off
1	1	1	1	CDP ³	ILIM_HI	CDP load present ³

MODE	ILIM	ILIM	ILIM
MODE1	27.5A	2.5A	1.5A
MODE2	27.5A	2.5A	1.5A



USB3.1_up

