

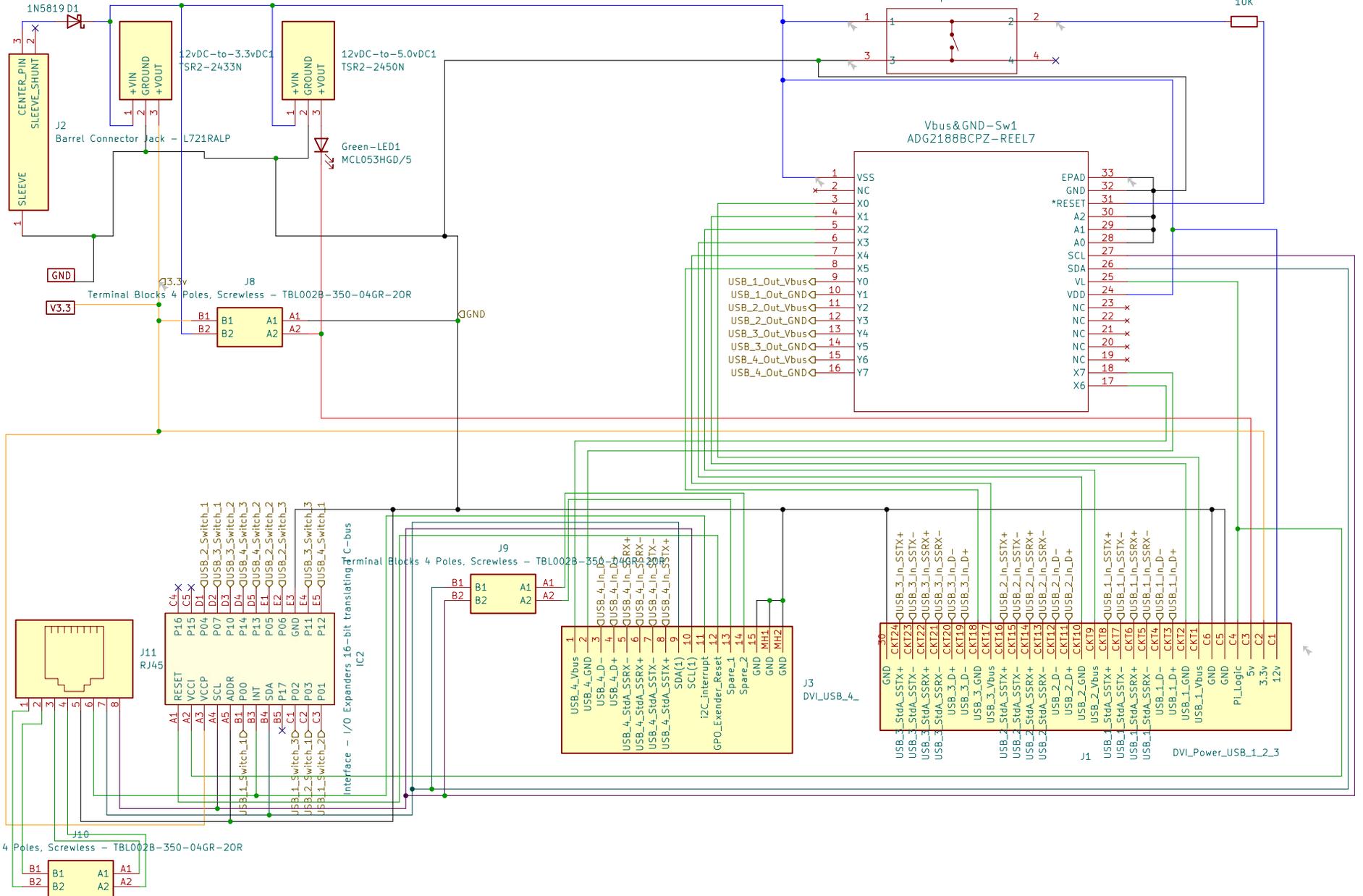
File: USB_Output_1.kicad_sch

File: USB_Output_2.kicad_sch

File: USB_Output_3.kicad_sch

File: USB_Output_4.kicad_sch

Power&Vbus&GND



Terminal Blocks 4 Poles, Screwless - TBL002B-350-04GR-20R

Vbus_Sw_Reset1
Tactile Switches Square - MJTP1138ALTR

MCF-0.25W-10K1
10K

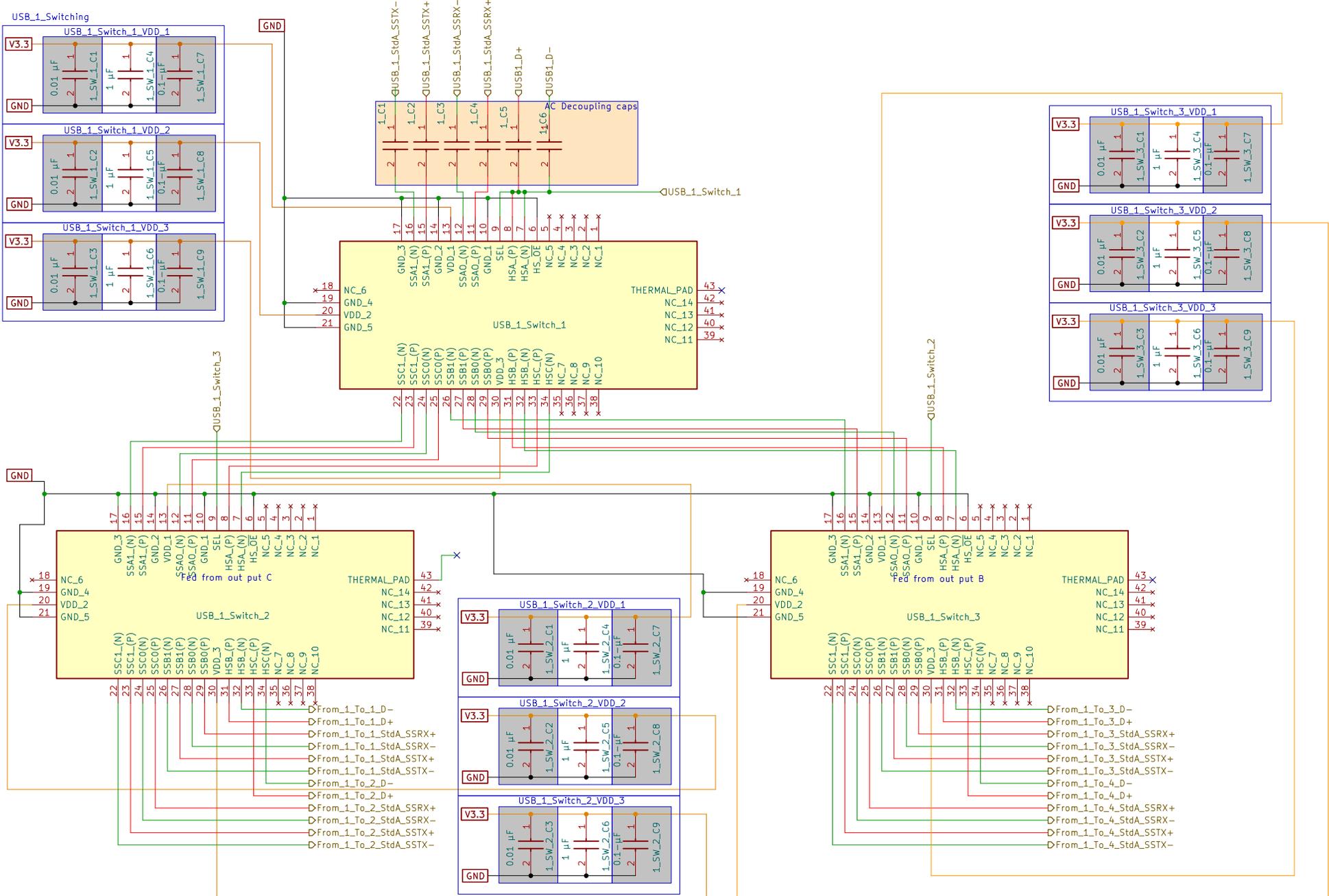
Vbus&GND-Sw1
ADG2188BCPZ-REEL7

1	VSS	33	EPAD
2	NC	32	GND
3	X0	31	*RESET
4	X1	30	A2
5	X2	29	A1
6	X3	28	A0
7	X4	27	SCL
8	X5	26	SDA
9	Y0	25	VL
10	Y1	24	VDD
11	Y2	23	NC
12	Y3	22	NC
13	Y4	21	NC
14	Y5	20	NC
15	Y6	19	NC
16	Y7	18	NC
		17	X6

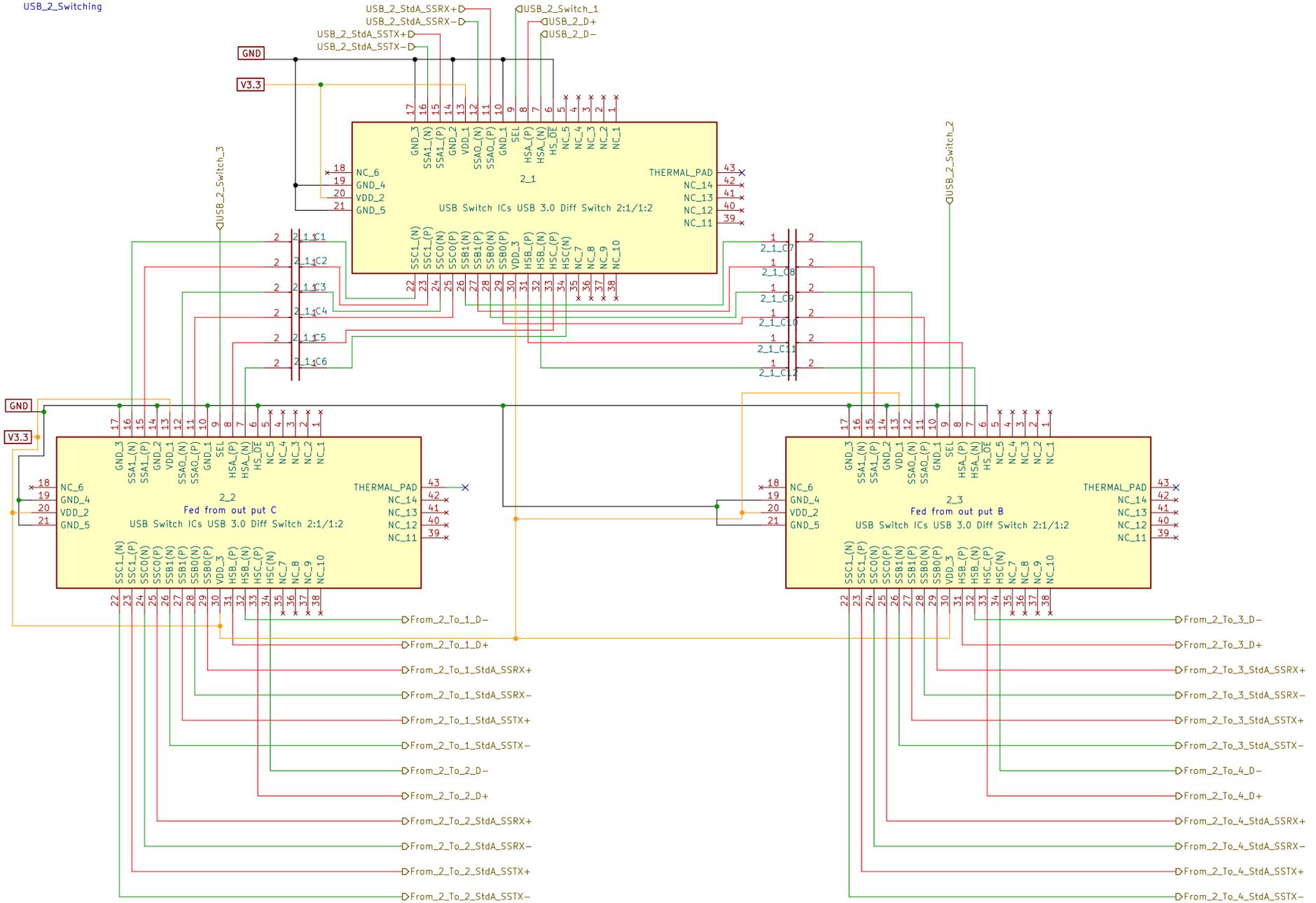
P16	RESET	A1
P15	VCC1	A2
P04	VCCP	A3
P07	SCL	A4
P10	ADDR	A5
P13	INT	A6
P05	SDA	A7
P06	P17	A8
P02	NC	A9
P03	NC	A10
P01	NC	A11

1	USB_4_Vbus	A1
2	USB_4_GND	A2
3	USB_4_D-	A3
4	USB_4_D+	A4
5	USB_4_SSRX+	A5
6	USB_4_SSRX-	A6
7	USB_4_SSTX+	A7
8	USB_4_SSTX-	A8
9	SDA(1)	A9
10	SCL(1)	A10
11	I2C_Interrupt	A11
12	GPIO_Extender_Reset	A12
13	Spare_1	A13
14	Spare_2	A14
15	GND	A15
	MH1	A16
	GND	A17
	MH2	A18
	GND	A19

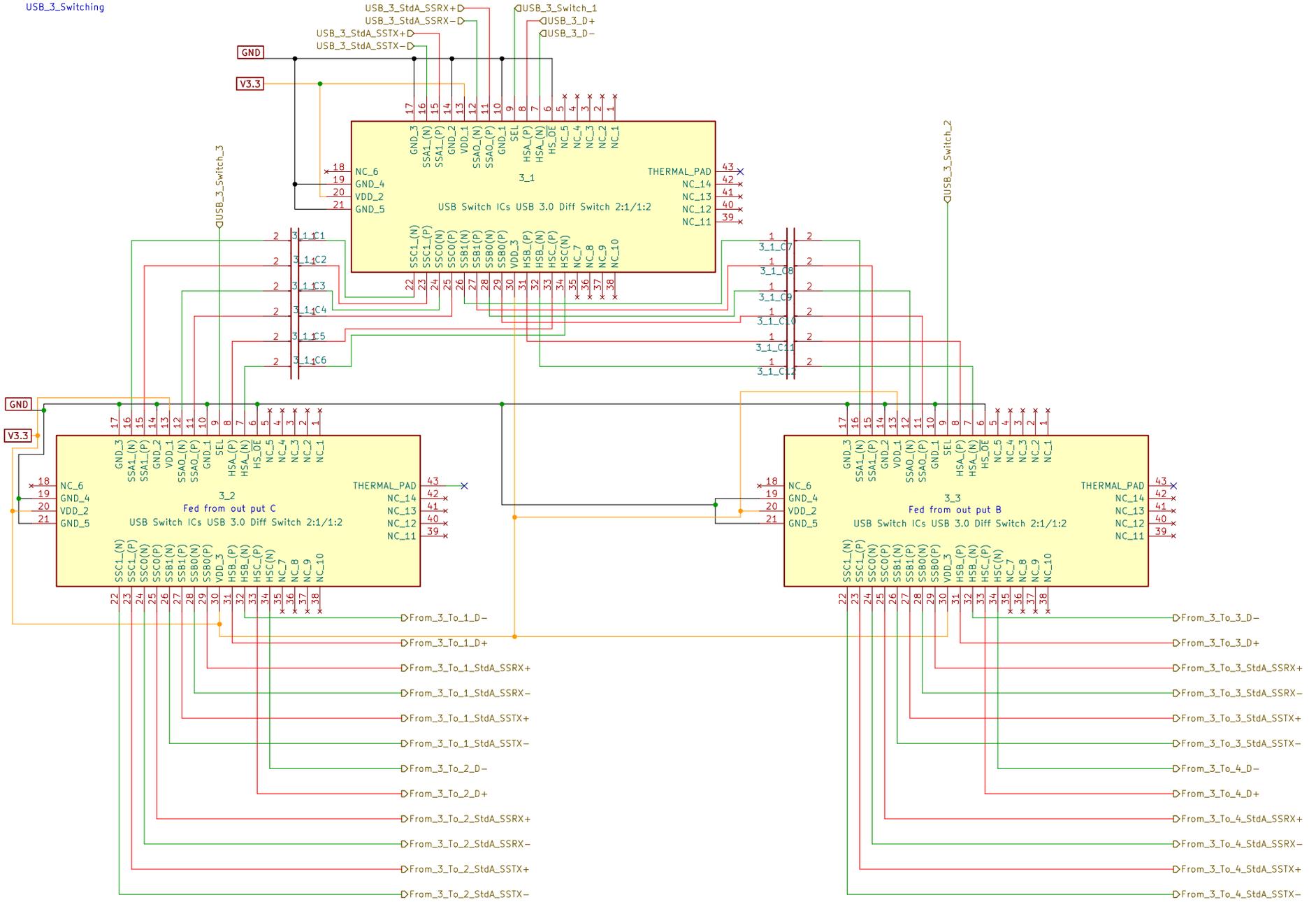
30	GND	A1
29	USB_3_Stda_SSTX+	A2
28	USB_3_Stda_SSTX-	A3
27	USB_3_Stda_SSRX+	A4
26	USB_3_Stda_SSRX-	A5
25	USB_3_D+	A6
24	USB_3_D-	A7
23	USB_3_Vbus	A8
22	USB_3_GND	A9
21	USB_2_Vbus	A10
20	USB_2_Stda_SSTX+	A11
19	USB_2_Stda_SSTX-	A12
18	USB_2_Stda_SSRX+	A13
17	USB_2_Stda_SSRX-	A14
16	USB_2_D+	A15
15	USB_2_D-	A16
14	USB_2_GND	A17
13	USB_1_Vbus	A18
12	USB_1_Stda_SSTX+	A19
11	USB_1_Stda_SSTX-	A20
10	USB_1_Stda_SSRX+	A21
9	USB_1_Stda_SSRX-	A22
8	USB_1_D+	A23
7	USB_1_D-	A24
6	USB_1_GND	A25
5	USB_1_Vbus	A26
4	GND	A27
3	PI Logic	A28
2	5v	A29
1	3.3v	A30
	12v	A31



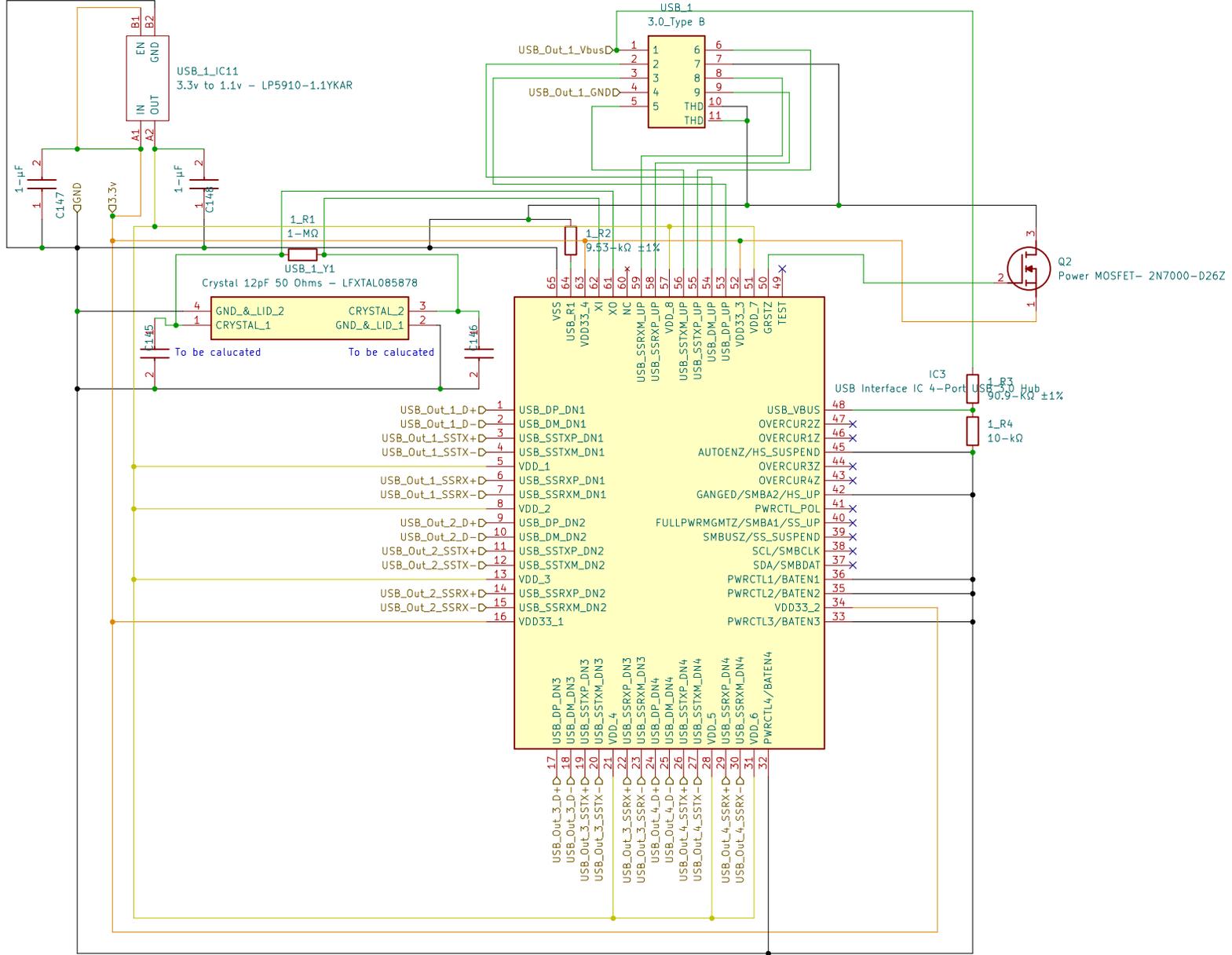
USB_2_Switching



USB_3_Switching



USB_Output_1



USB_Output_4

