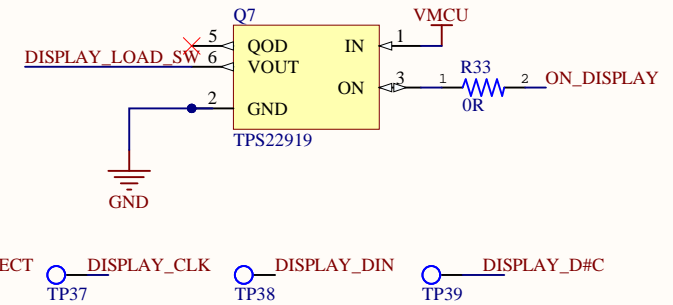
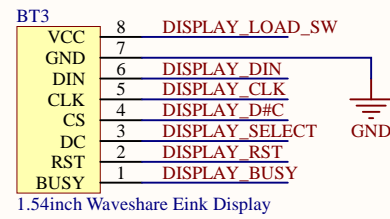
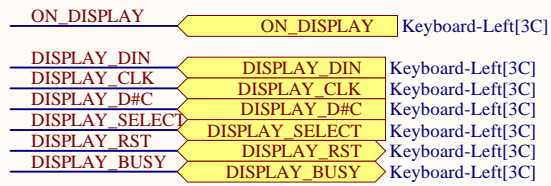
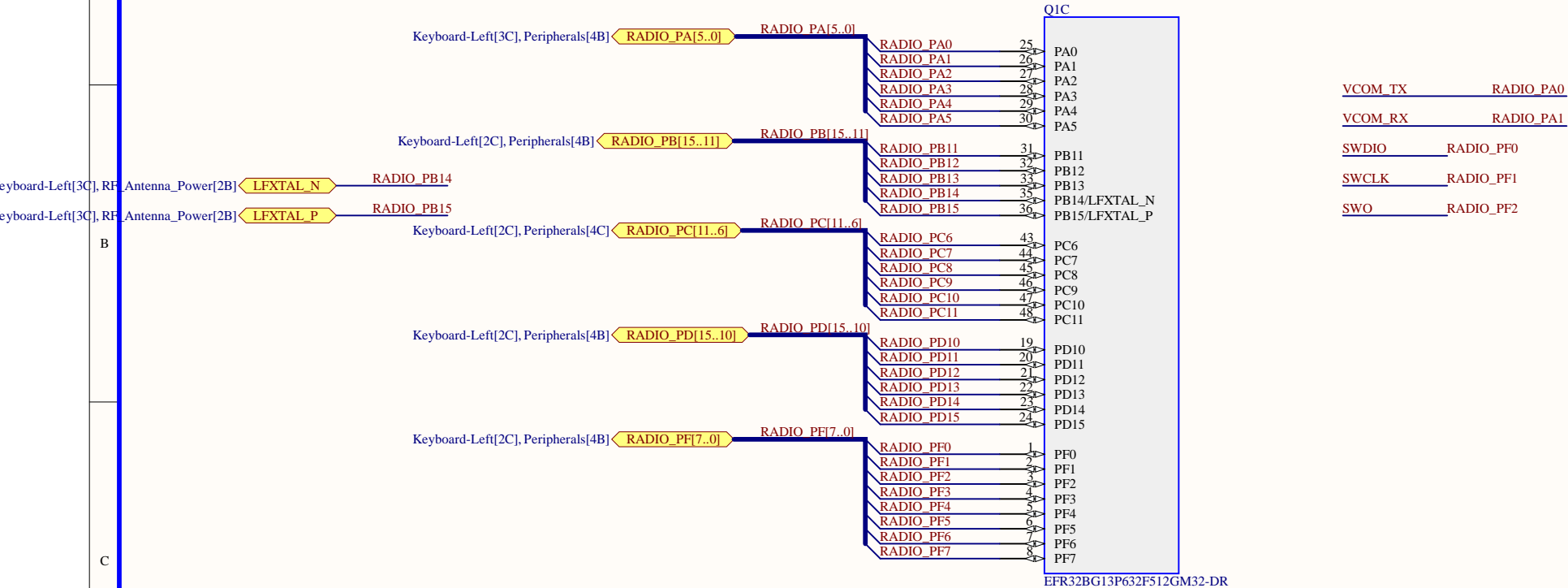


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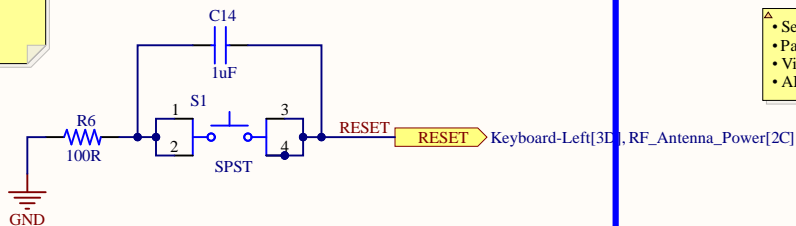


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EFRBG13 GPIOs

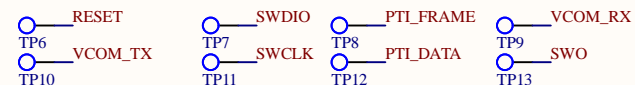
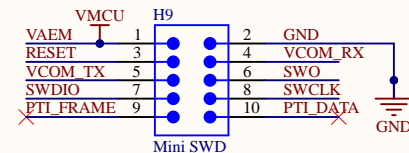


Reset input, active low. This pin is internally pulled up to AVDD. To apply an external reset source to this pin, it is required to only drive this pin low during reset, and let the internal pull-up ensure that reset is released.



Mini Simplicity Connector

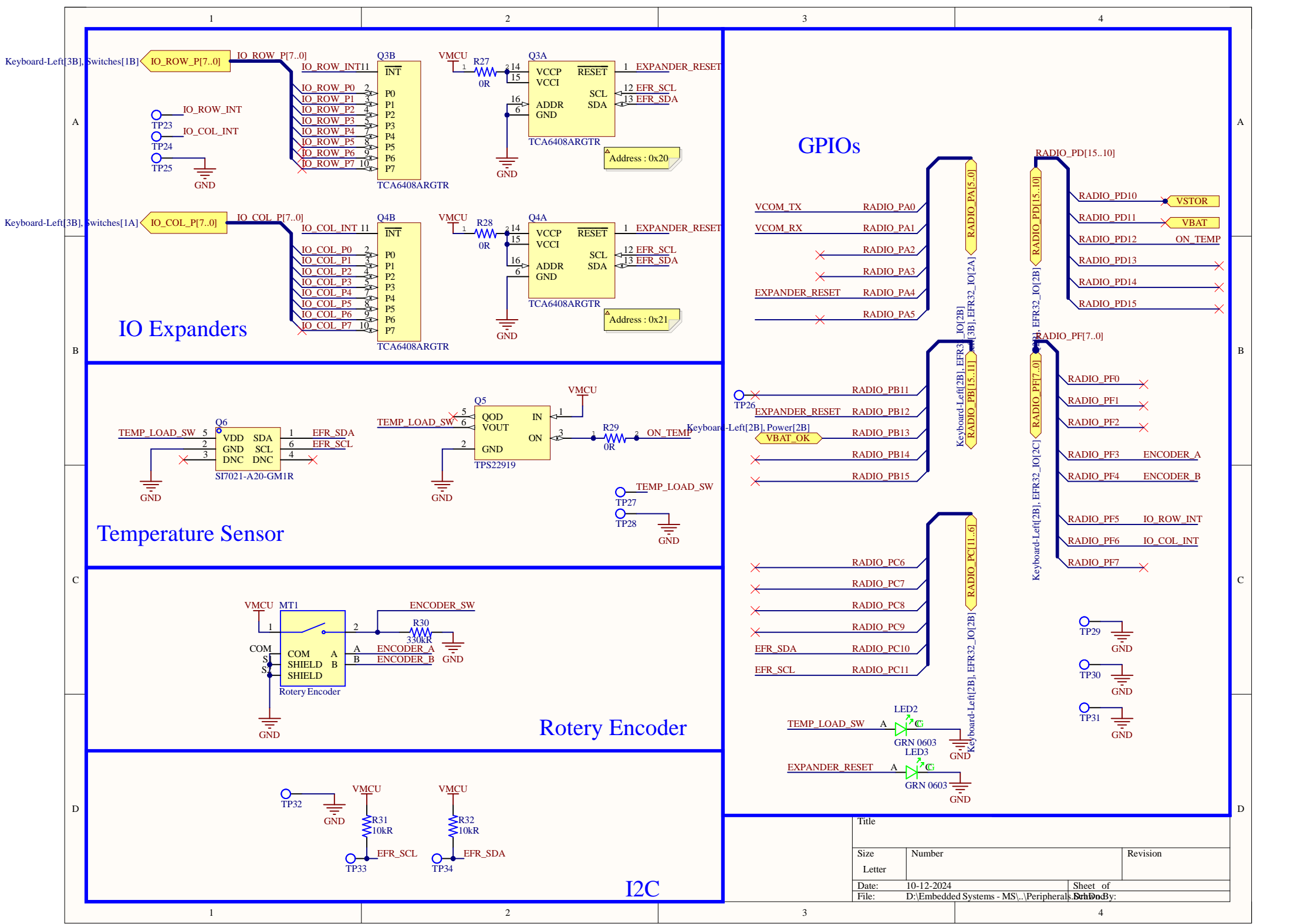
- Serial Wire Debug (SWD) with SWO
- Packet Trace Interface (PTI)
- Virtual COM port (VCOM)
- AEM monitored voltage rail

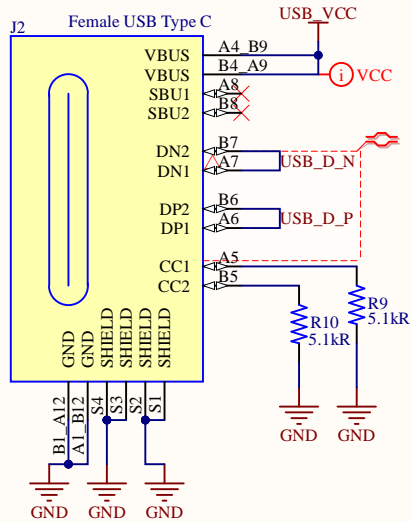


IO Connections

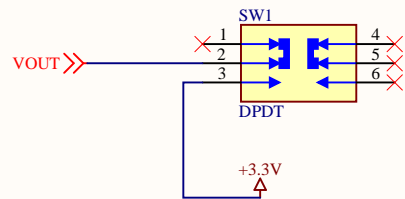
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Reset

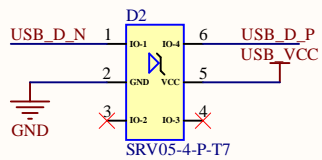




Type C

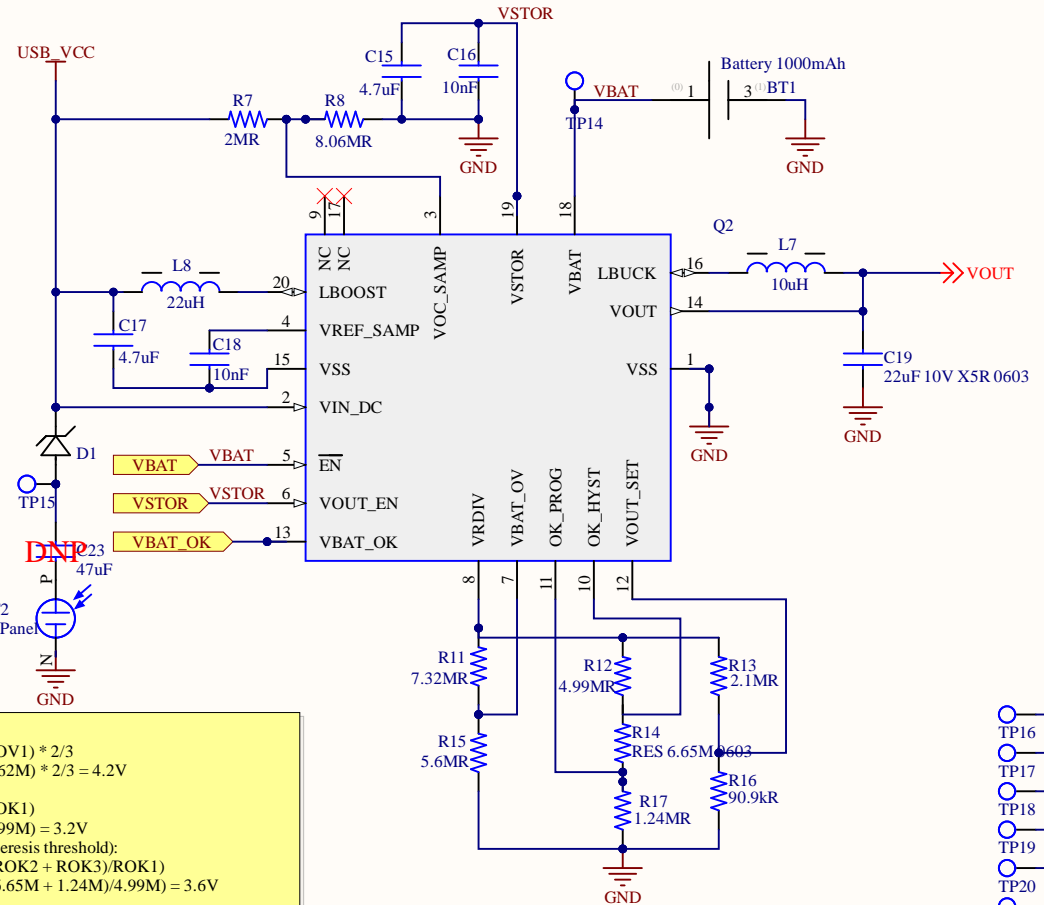


DPDT Switch

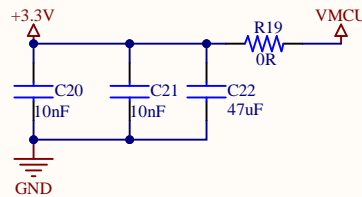
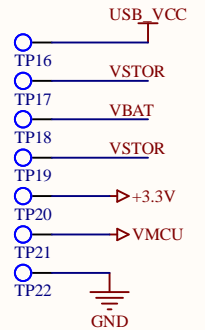


TVS Diode

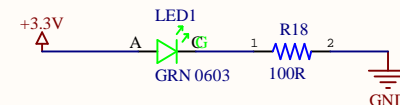
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Power Management IC

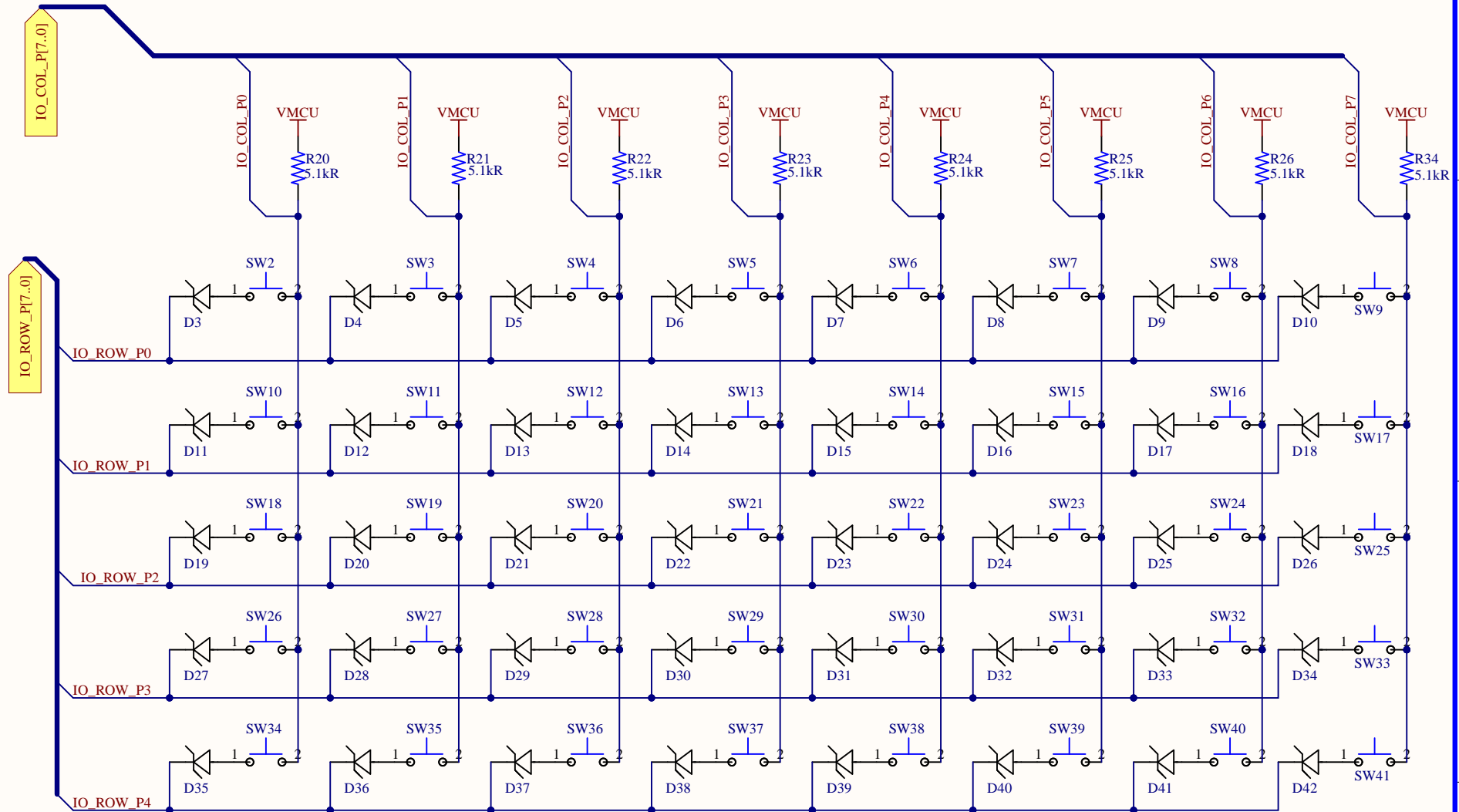


Decoupling and Bulk Cap



Title		
Power Management		
Size	Number	Revision
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Date:	10-12-2024	Sheet of Low Self Esteem
File:	D:\Embedded Systems - MS\Power.Sch	Drawn By: Parth Thakkar

Mechanical Switches

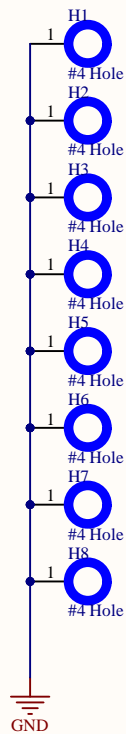


U_Keyboard_Mechanical
Keyboard_Mechanical.SchDoc

Mechanical Holes

Title		
Mechanical Switches		
Size	Number	Revision
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File:	D:\Embedded Systems - MS\Switches.SchDoc	Drawn By: Parth Thakkar

Mechanical Switches



Title			Mechanical Holes	
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A4	8		v1.0	
Date:	10-12-2024		Sheet of	Low Self Esteem
File:	D:\Embedded Systems - MS\...\Keyboard		Mechanical.SchDoc *	

Product	Part Number	Quantity	Unit Price	Total Price	Notes
Product 1	Part 1.0000	10	1.0000	10.0000	
Product 2	Part 2.0000	20	2.0000	40.0000	
Product 3	Part 3.0000	30	3.0000	90.0000	
Product 4	Part 4.0000	40	4.0000	160.0000	
Product 5	Part 5.0000	50	5.0000	250.0000	
Product 6	Part 6.0000	60	6.0000	360.0000	
Product 7	Part 7.0000	70	7.0000	490.0000	
Product 8	Part 8.0000	80	8.0000	640.0000	
Product 9	Part 9.0000	90	9.0000	810.0000	
Product 10	Part 10.0000	100	10.0000	1000.0000	
Product 11	Part 11.0000	110	11.0000	1210.0000	
Product 12	Part 12.0000	120	12.0000	1440.0000	
Product 13	Part 13.0000	130	13.0000	1690.0000	
Product 14	Part 14.0000	140	14.0000	1960.0000	
Product 15	Part 15.0000	150	15.0000	2250.0000	
Product 16	Part 16.0000	160	16.0000	2560.0000	
Product 17	Part 17.0000	170	17.0000	2890.0000	
Product 18	Part 18.0000	180	18.0000	3240.0000	
Product 19	Part 19.0000	190	19.0000	3610.0000	
Product 20	Part 20.0000	200	20.0000	4000.0000	
Product 21	Part 21.0000	210	21.0000	4410.0000	
Product 22	Part 22.0000	220	22.0000	4840.0000	
Product 23	Part 23.0000	230	23.0000	5290.0000	
Product 24	Part 24.0000	240	24.0000	5760.0000	
Product 25	Part 25.0000	250	25.0000	6250.0000	
Product 26	Part 26.0000	260	26.0000	6760.0000	
Product 27	Part 27.0000	270	27.0000	7290.0000	
Product 28	Part 28.0000	280	28.0000	7840.0000	
Product 29	Part 29.0000	290	29.0000	8410.0000	
Product 30	Part 30.0000	300	30.0000	9000.0000	
Product 31	Part 31.0000	310	31.0000	9610.0000	
Product 32	Part 32.0000	320	32.0000	10240.0000	
Product 33	Part 33.0000	330	33.0000	10890.0000	
Product 34	Part 34.0000	340	34.0000	11560.0000	
Product 35	Part 35.0000	350	35.0000	12250.0000	
Product 36	Part 36.0000	360	36.0000	12960.0000	
Product 37	Part 37.0000	370	37.0000	13690.0000	
Product 38	Part 38.0000	380	38.0000	14440.0000	
Product 39	Part 39.0000	390	39.0000	15210.0000	
Product 40	Part 40.0000	400	40.0000	16000.0000	
Product 41	Part 41.0000	410	41.0000	16810.0000	
Product 42	Part 42.0000	420	42.0000	17640.0000	
Product 43	Part 43.0000	430	43.0000	18490.0000	
Product 44	Part 44.0000	440	44.0000	19360.0000	
Product 45	Part 45.0000	450	45.0000	20250.0000	
Product 46	Part 46.0000	460	46.0000	21160.0000	
Product 47	Part 47.0000	470	47.0000	22090.0000	
Product 48	Part 48.0000	480	48.0000	23040.0000	
Product 49	Part 49.0000	490	49.0000	24010.0000	
Product 50	Part 50.0000	500	50.0000	25000.0000	
Product 51	Part 51.0000	510	51.0000	26010.0000	
Product 52	Part 52.0000	520	52.0000	27040.0000	
Product 53	Part 53.0000	530	53.0000	28090.0000	
Product 54	Part 54.0000	540	54.0000	29160.0000	
Product 55	Part 55.0000	550	55.0000	30250.0000	
Product 56	Part 56.0000	560	56.0000	31360.0000	
Product 57	Part 57.0000	570	57.0000	32490.0000	
Product 58	Part 58.0000	580	58.0000	33640.0000	
Product 59	Part 59.0000	590	59.0000	34810.0000	
Product 60	Part 60.0000	600	60.0000	36000.0000	
Product 61	Part 61.0000	610	61.0000	37210.0000	
Product 62	Part 62.0000	620	62.0000	38440.0000	
Product 63	Part 63.0000	630	63.0000	39690.0000	
Product 64	Part 64.0000	640	64.0000	40960.0000	
Product 65	Part 65.0000	650	65.0000	42250.0000	
Product 66	Part 66.0000	660	66.0000	43560.0000	
Product 67	Part 67.0000	670	67.0000	44890.0000	
Product 68	Part 68.0000	680	68.0000	46240.0000	
Product 69	Part 69.0000	690	69.0000	47610.0000	
Product 70	Part 70.0000	700	70.0000	49000.0000	
Product 71	Part 71.0000	710	71.0000	50410.0000	
Product 72	Part 72.0000	720	72.0000	51840.0000	
Product 73	Part 73.0000	730	73.0000	53290.0000	
Product 74	Part 74.0000	740	74.0000	54760.0000	
Product 75	Part 75.0000	750	75.0000	56250.0000	
Product 76	Part 76.0000	760	76.0000	57760.0000	
Product 77	Part 77.0000	770	77.0000	59290.0000	
Product 78	Part 78.0000	780	78.0000	60840.0000	
Product 79	Part 79.0000	790	79.0000	62410.0000	
Product 80	Part 80.0000	800	80.0000	64000.0000	
Product 81	Part 81.0000	810	81.0000	65610.0000	
Product 82	Part 82.0000	820	82.0000	67240.0000	
Product 83	Part 83.0000	830	83.0000	68890.0000	
Product 84	Part 84.0000	840	84.0000	70560.0000	
Product 85	Part 85.0000	850	85.0000	72250.0000	
Product 86	Part 86.0000	860	86.0000	73960.0000	
Product 87	Part 87.0000	870	87.0000	75690.0000	
Product 88	Part 88.0000	880	88.0000	77440.0000	
Product 89	Part 89.0000	890	89.0000	79210.0000	
Product 90	Part 90.0000	900	90.0000	81000.0000	
Product 91	Part 91.0000	910	91.0000	82810.0000	
Product 92	Part 92.0000	920	92.0000	84640.0000	
Product 93	Part 93.0000	930	93.0000	86490.0000	
Product 94	Part 94.0000	940	94.0000	88360.0000	
Product 95	Part 95.0000	950	95.0000	90250.0000	
Product 96	Part 96.0000	960	96.0000	92160.0000	
Product 97	Part 97.0000	970	97.0000	94090.0000	
Product 98	Part 98.0000	980	98.0000	96040.0000	
Product 99	Part 99.0000	990	99.0000	98010.0000	
Product 100	Part 100.0000	1000	100.0000	100000.0000	