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Service schematics

Lumia 535

RM-1089

Lumia 535

Dual SIM

RM-1090



IMPORTANT

This document is intended for use by authorized Microsoft service centers only. Please use the document together with other documents such as the Service Manual and Service Bulletins.

Version information

While every effort has been made to ensure that the document is accurate, some errors may exist. Please always check for the latest published version for this document.

v1.0 - 05.11.2014

-First approved version.

v2.0 - 02.04.2015

-Front page updated.

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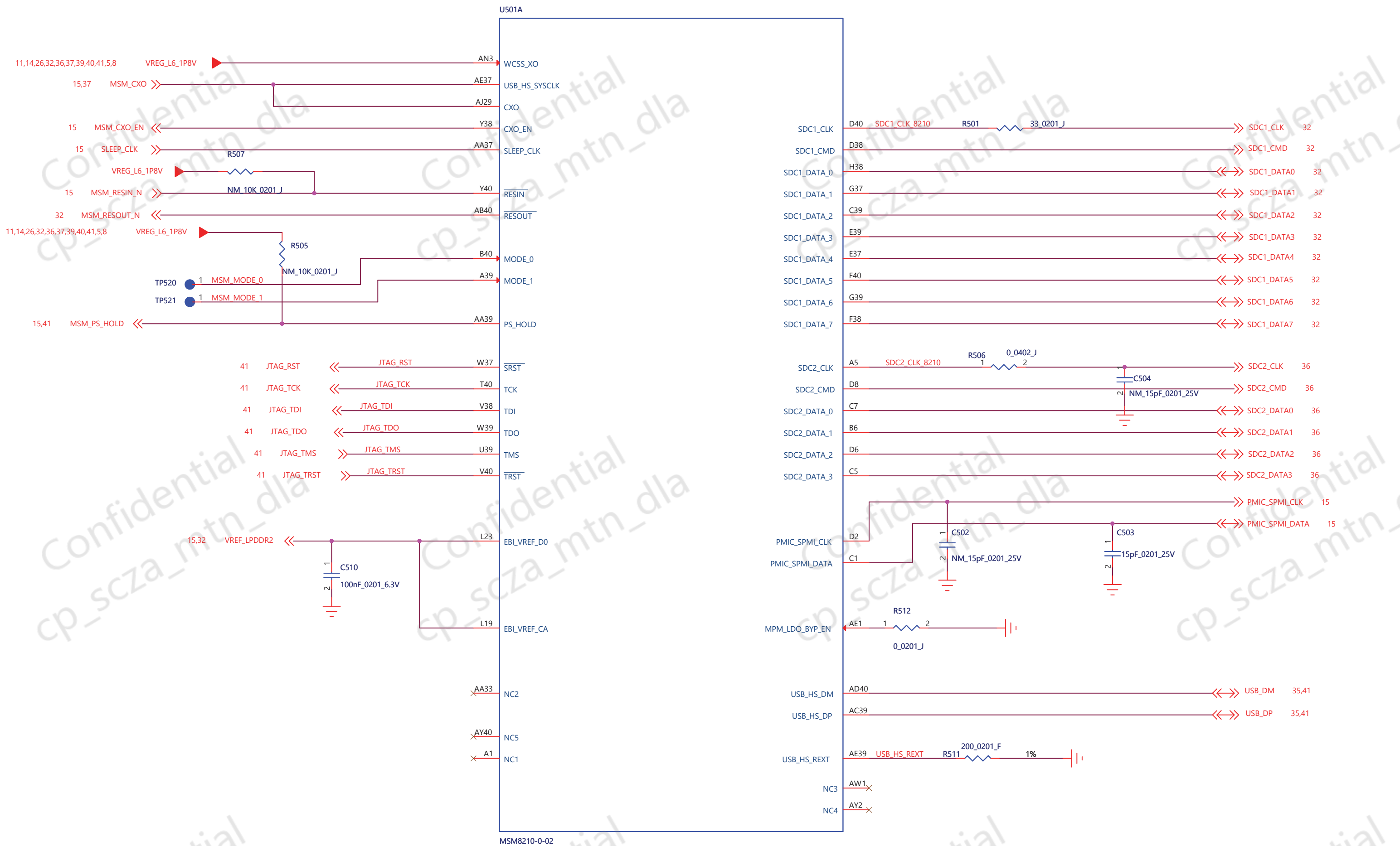
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- RM-1089 &1090 Sub-board Placement Bottom - Component list

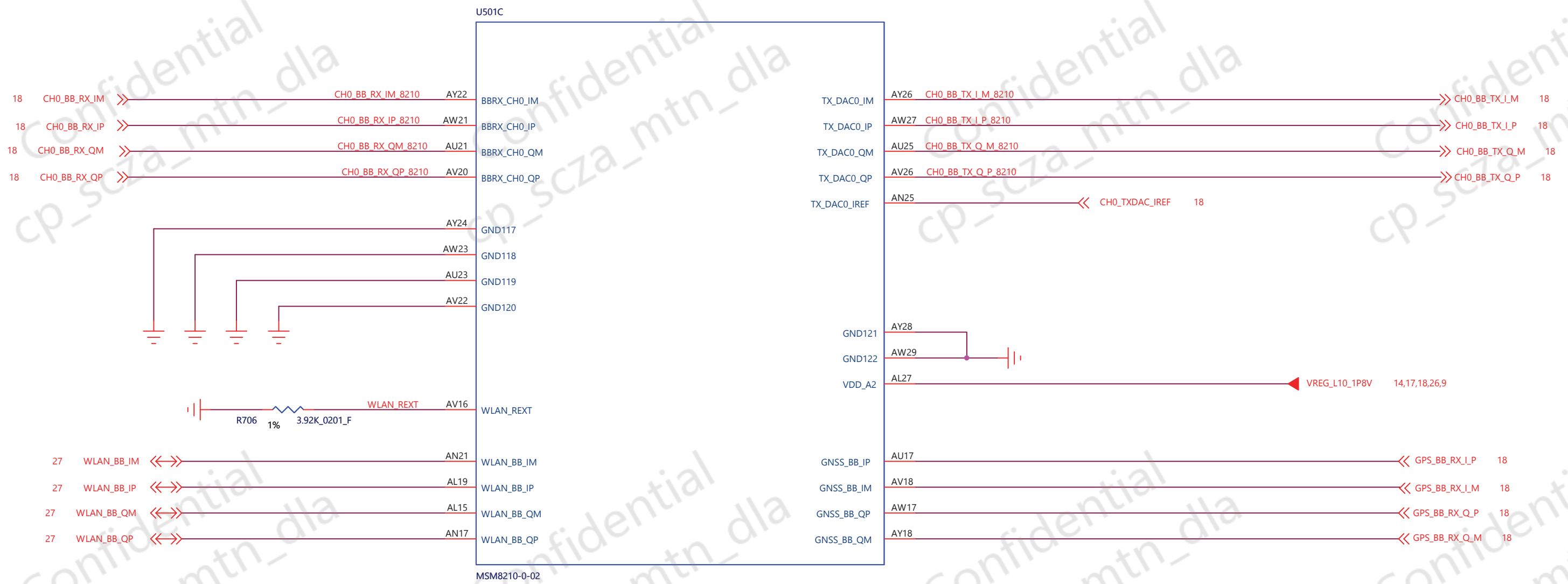
RM-1089 & 1090 MB Service schematic

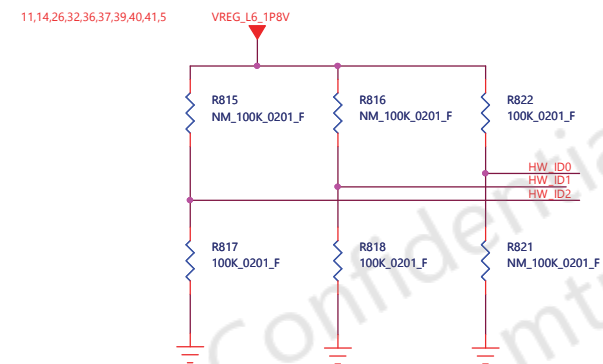
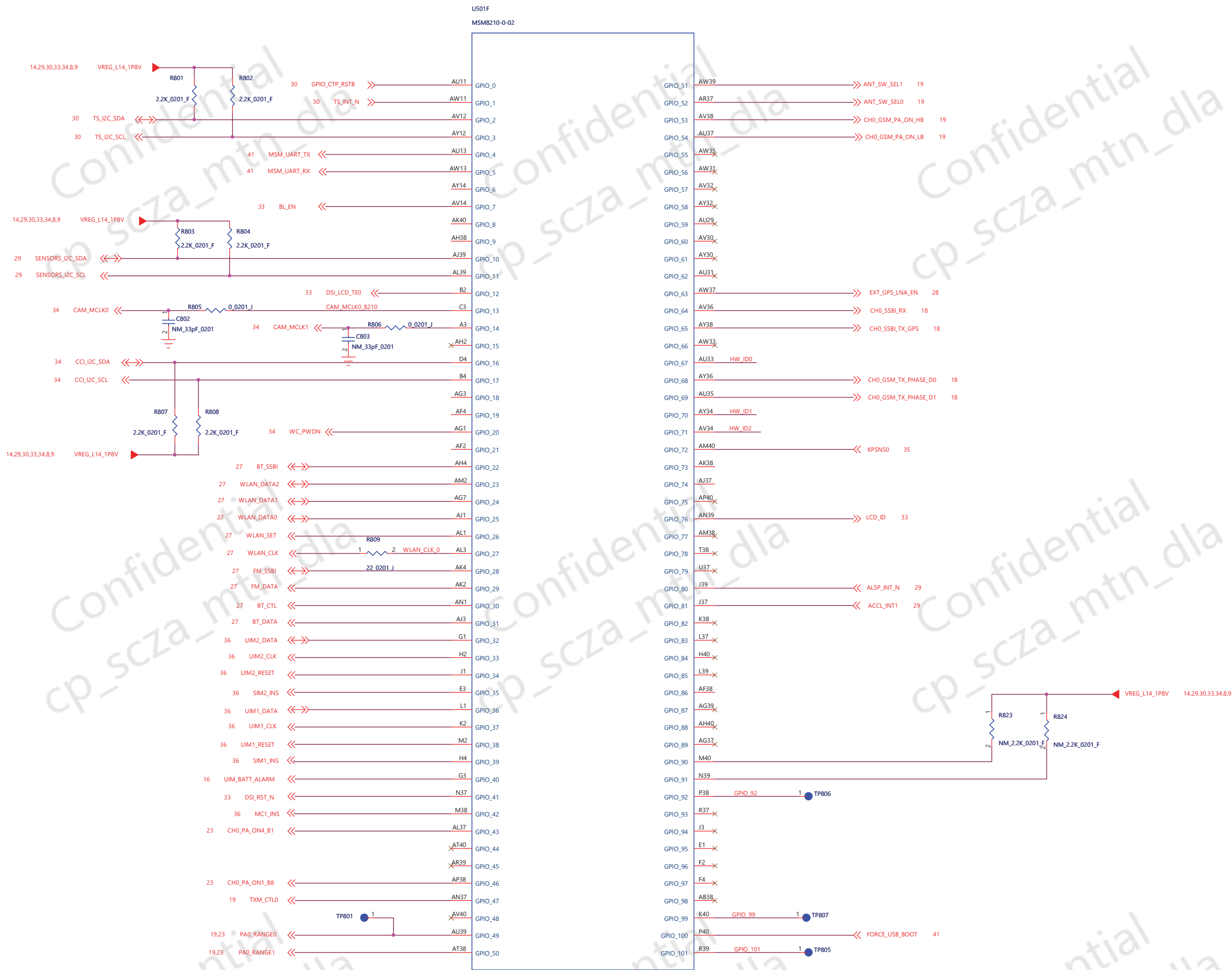


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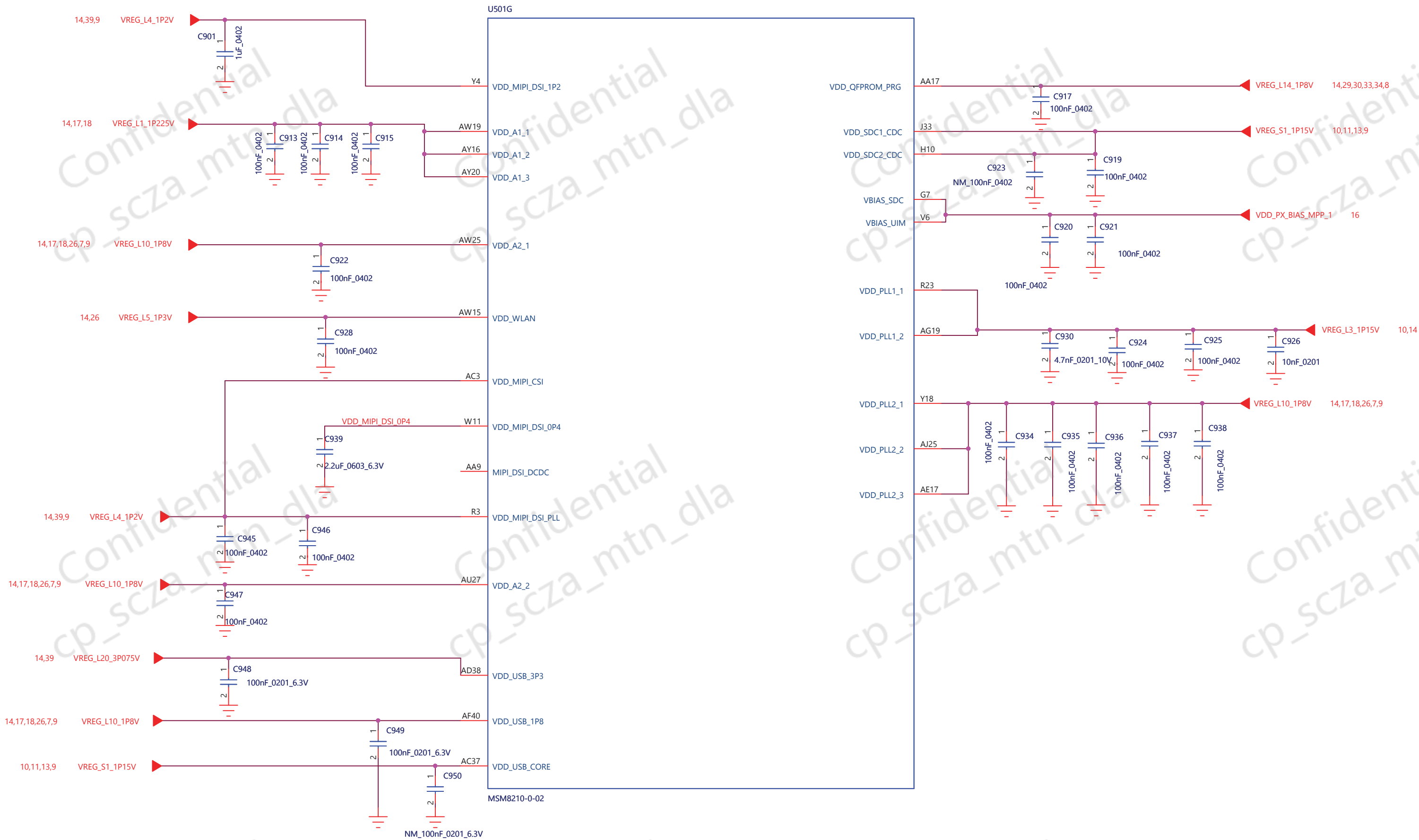
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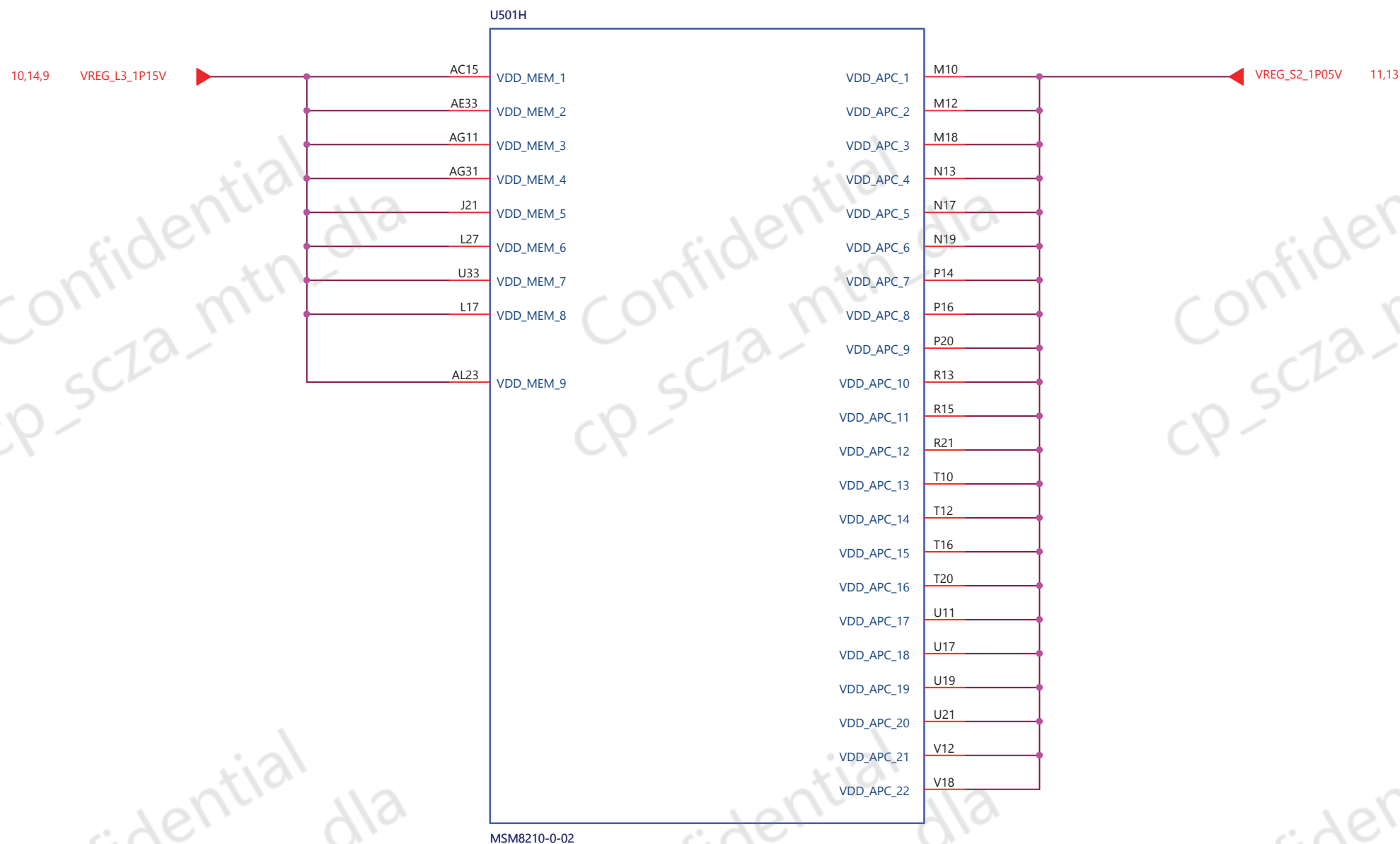
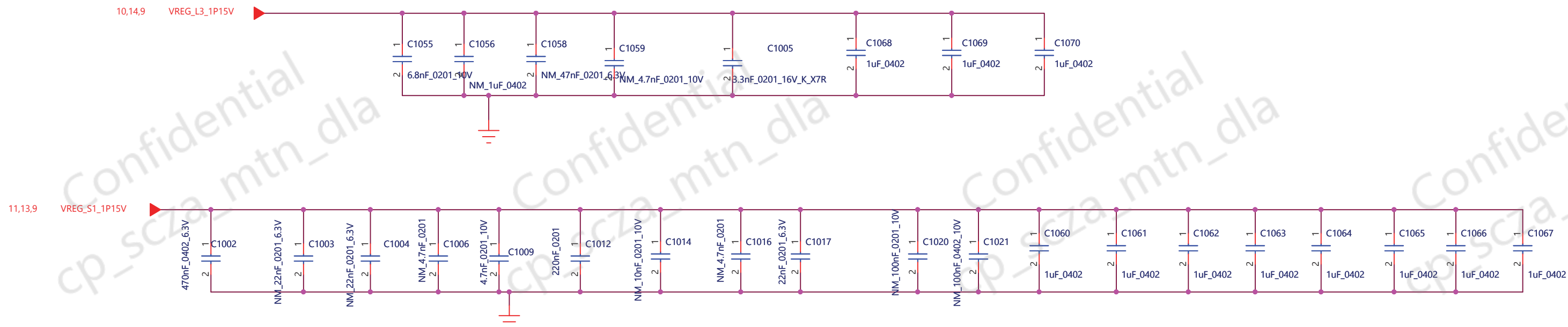


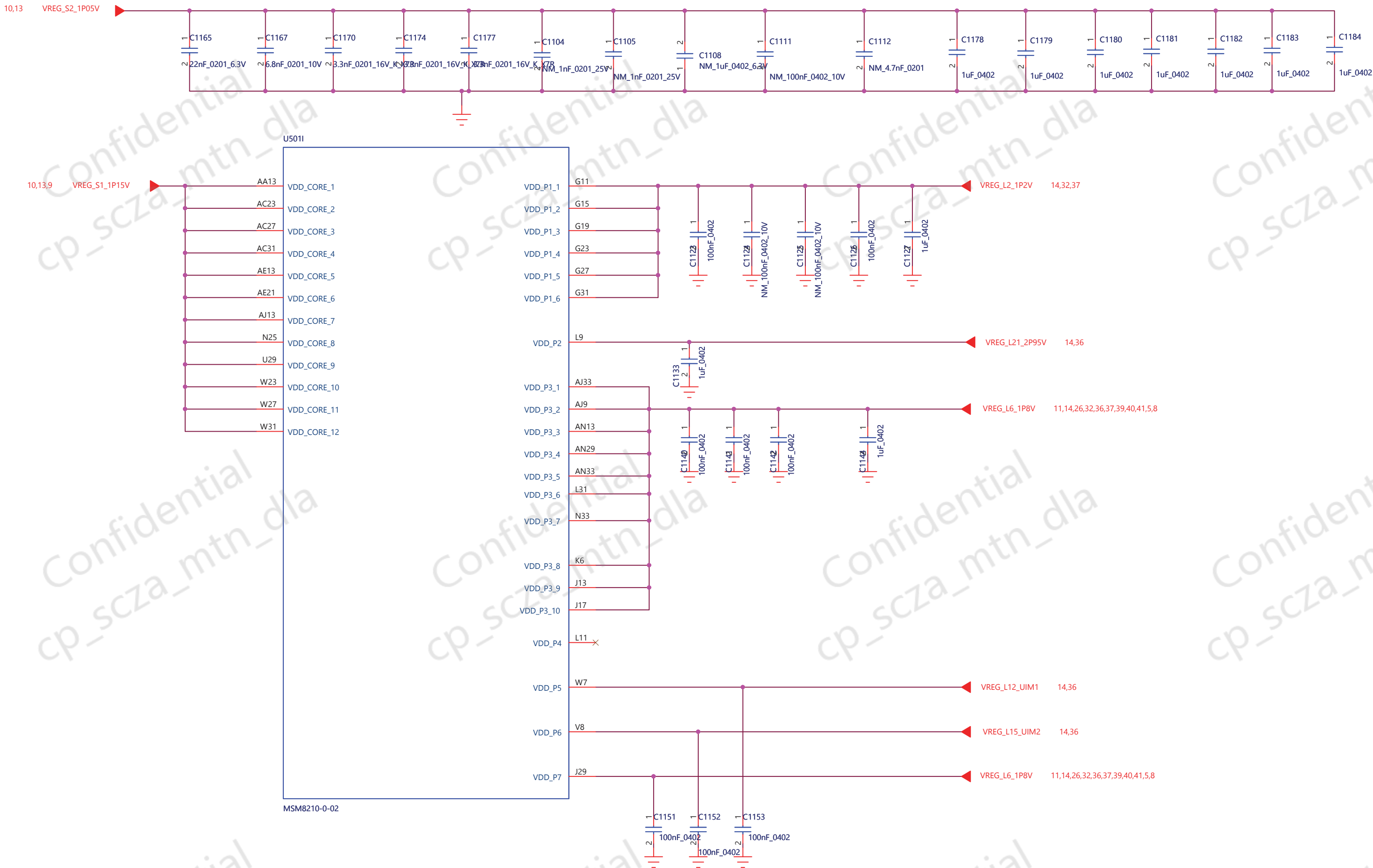


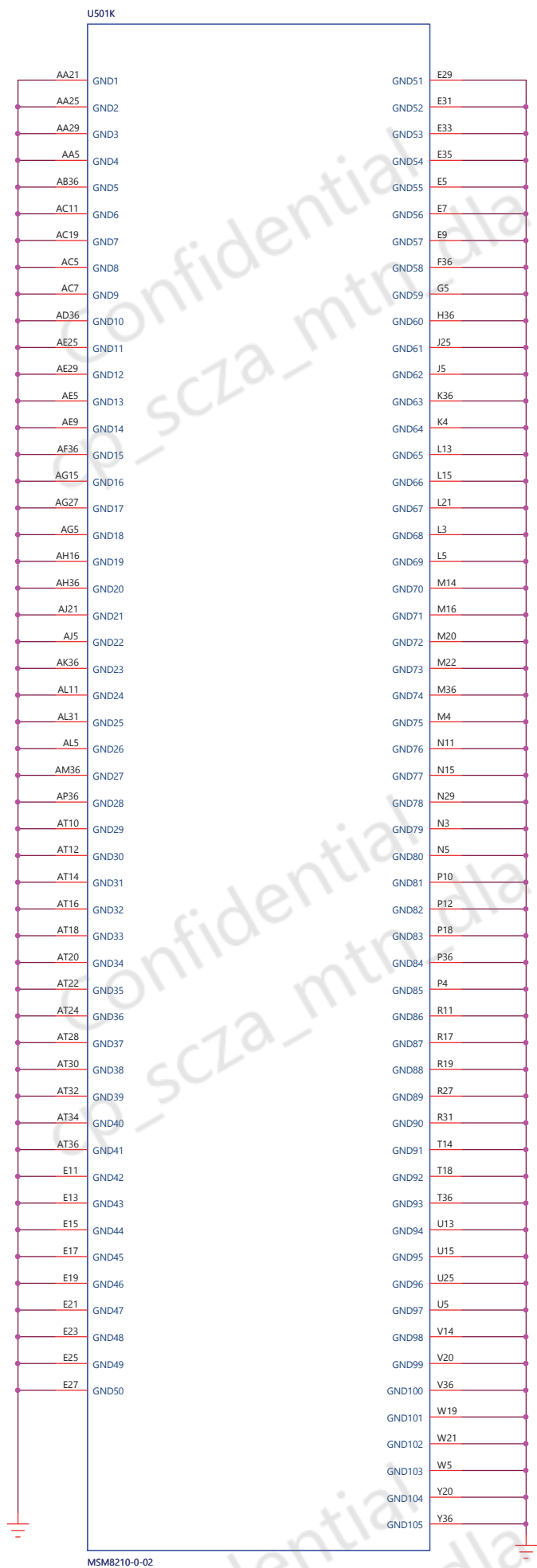


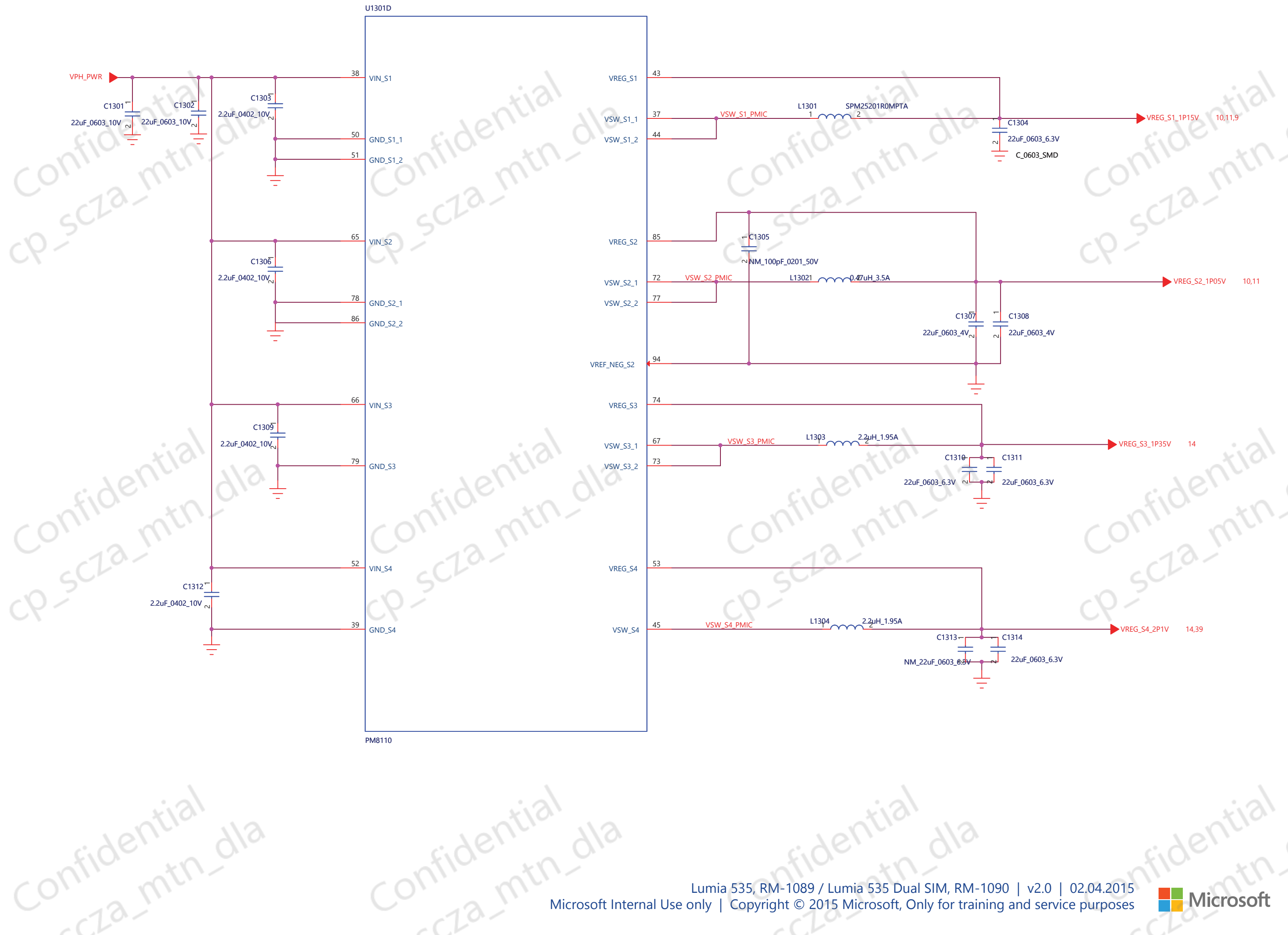
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	GPIO_71 HW_ID2	GPIO_70 HW_ID1	GPIO_67 HW_ID0
EVT	0	0	0
DVT1	0	0	1
DVT2	0	1	0
PVT	0	1	1
MP	1	0	0

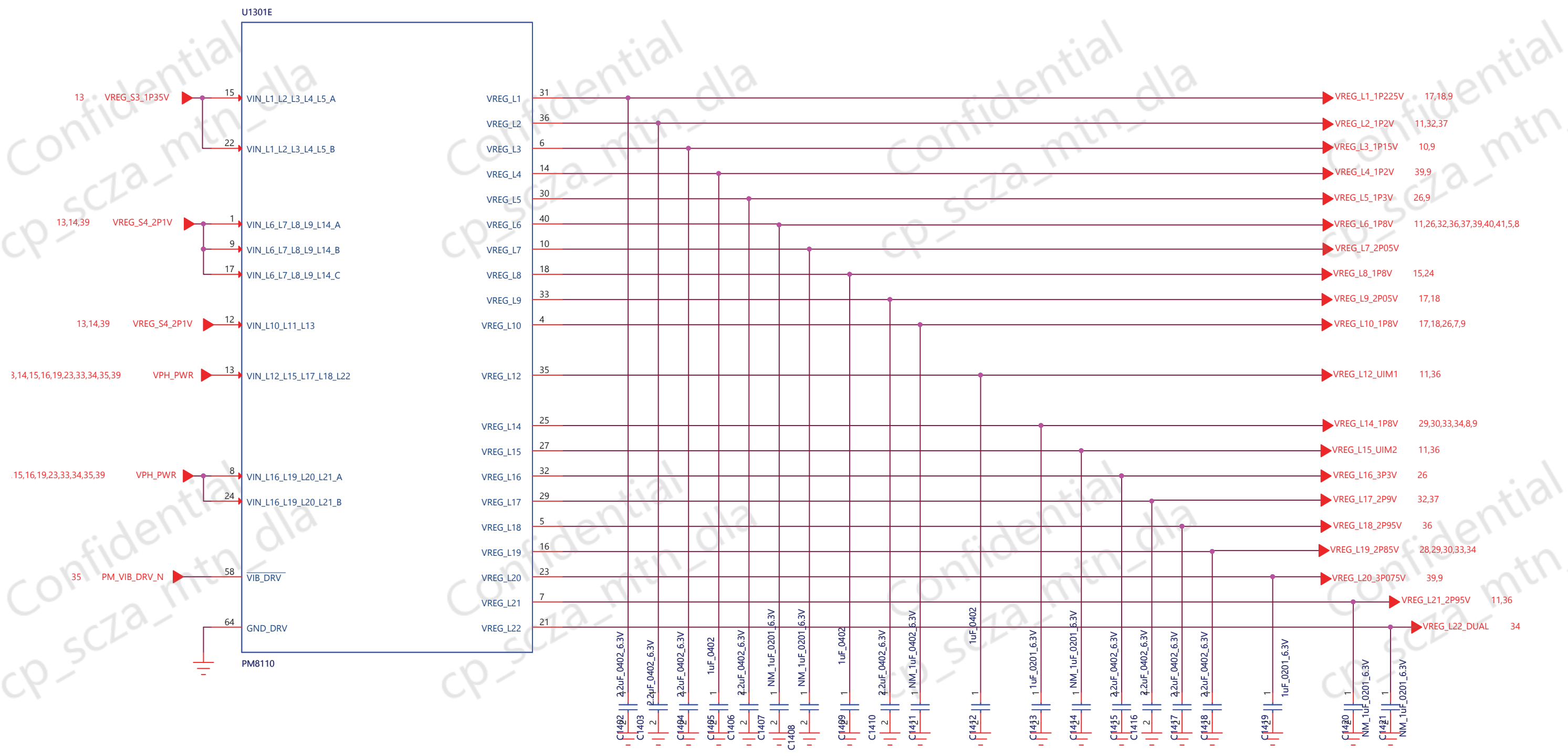


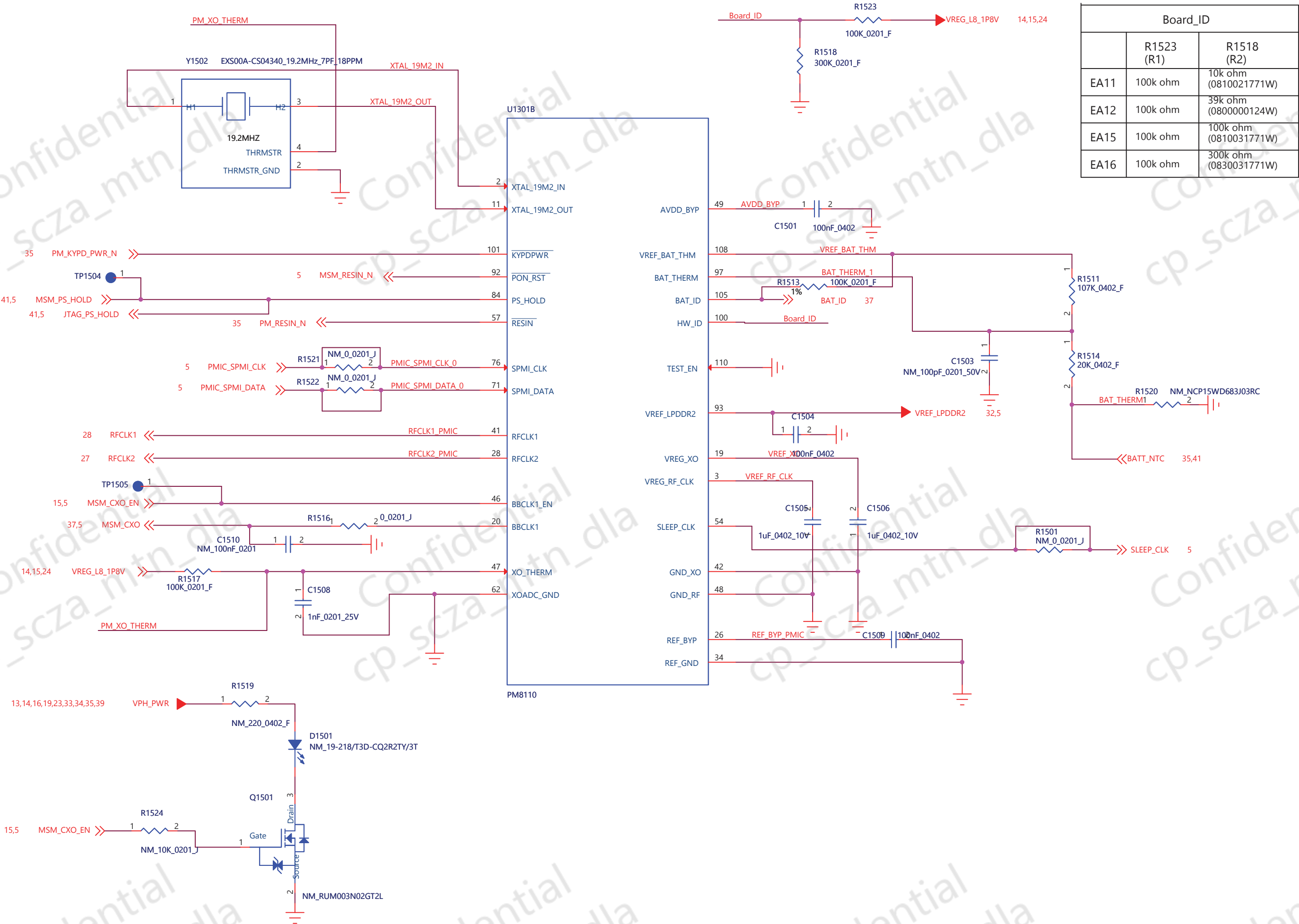


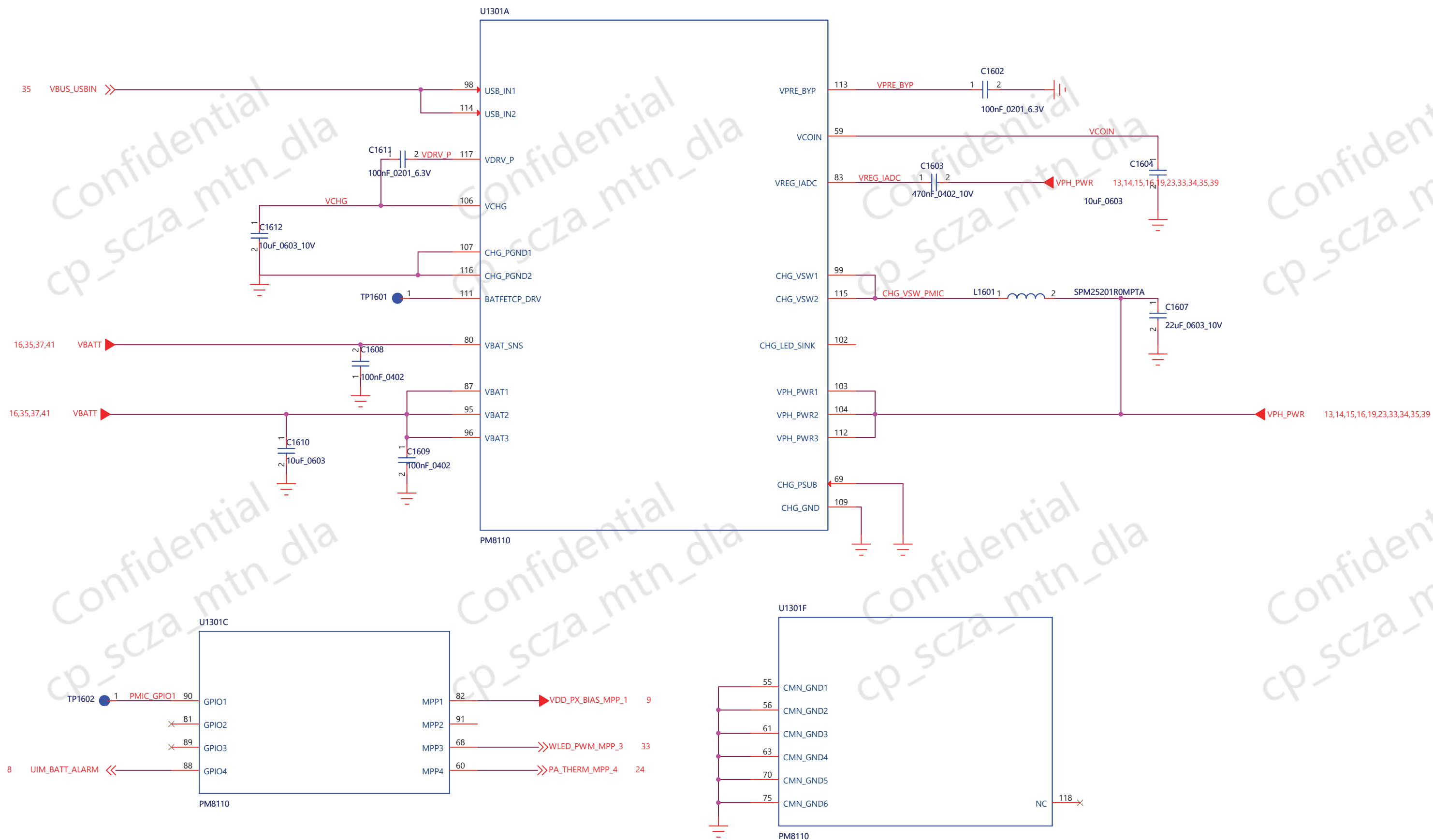




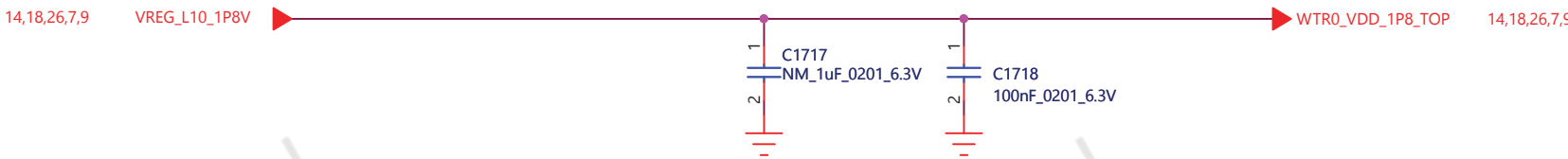
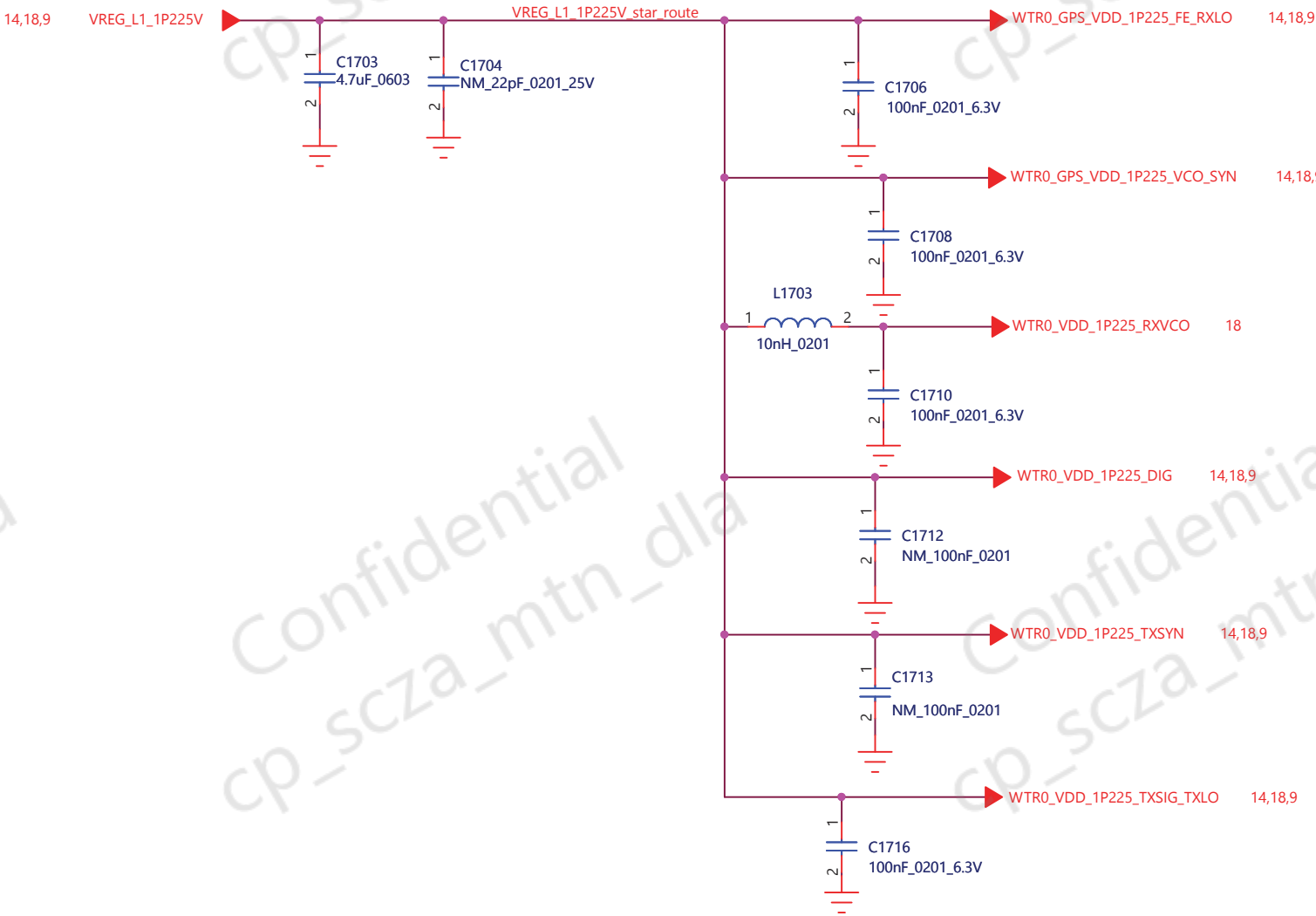
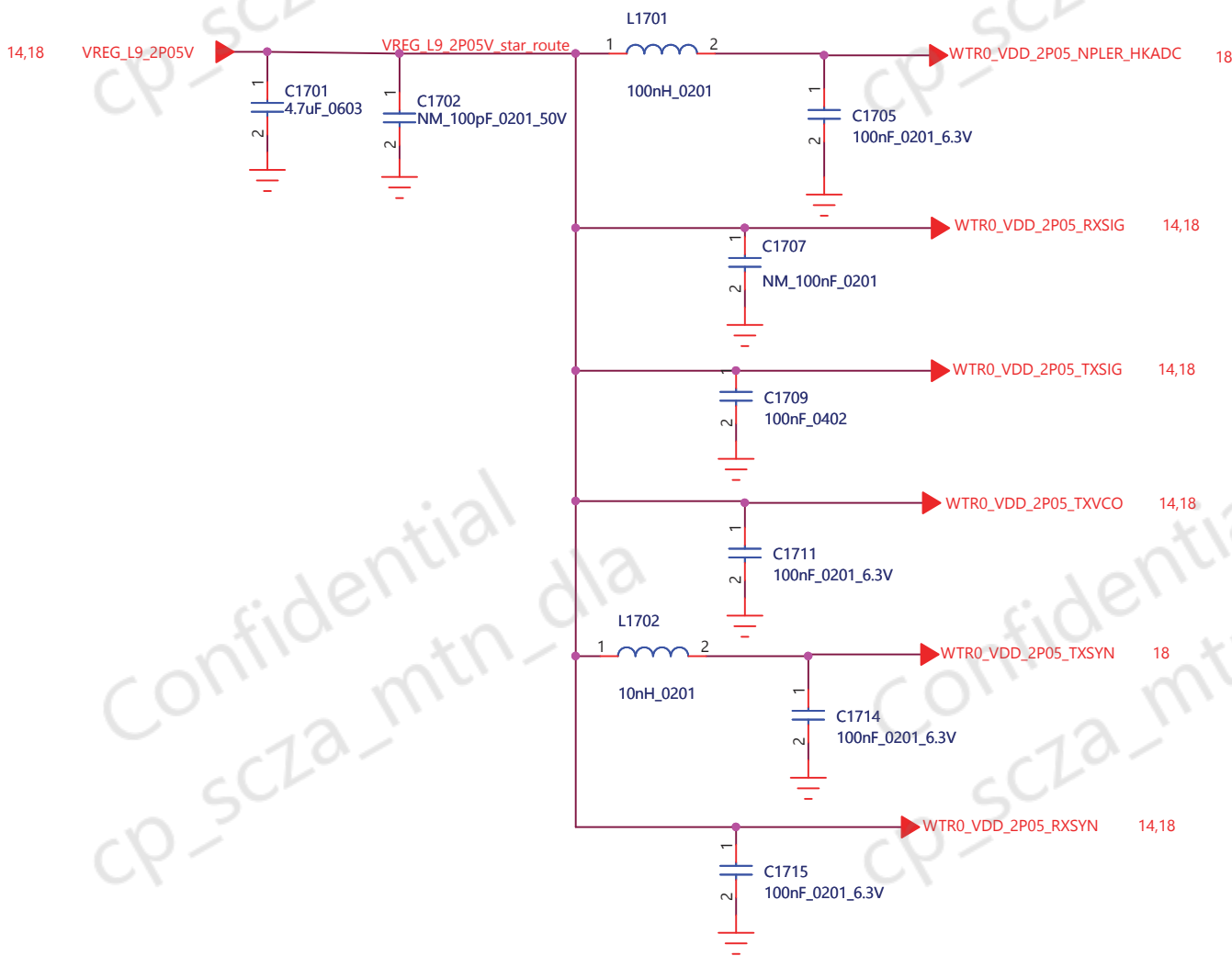




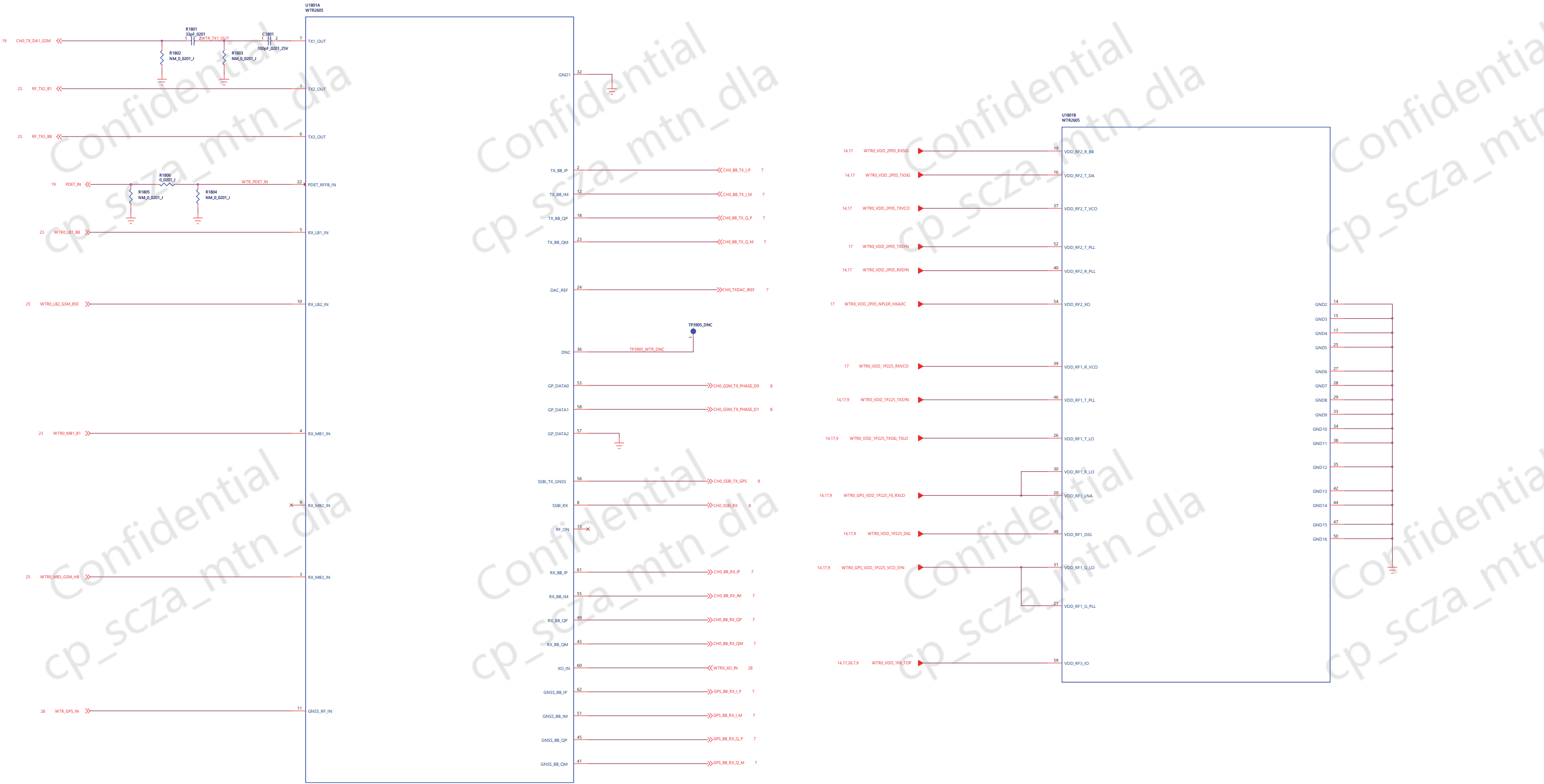


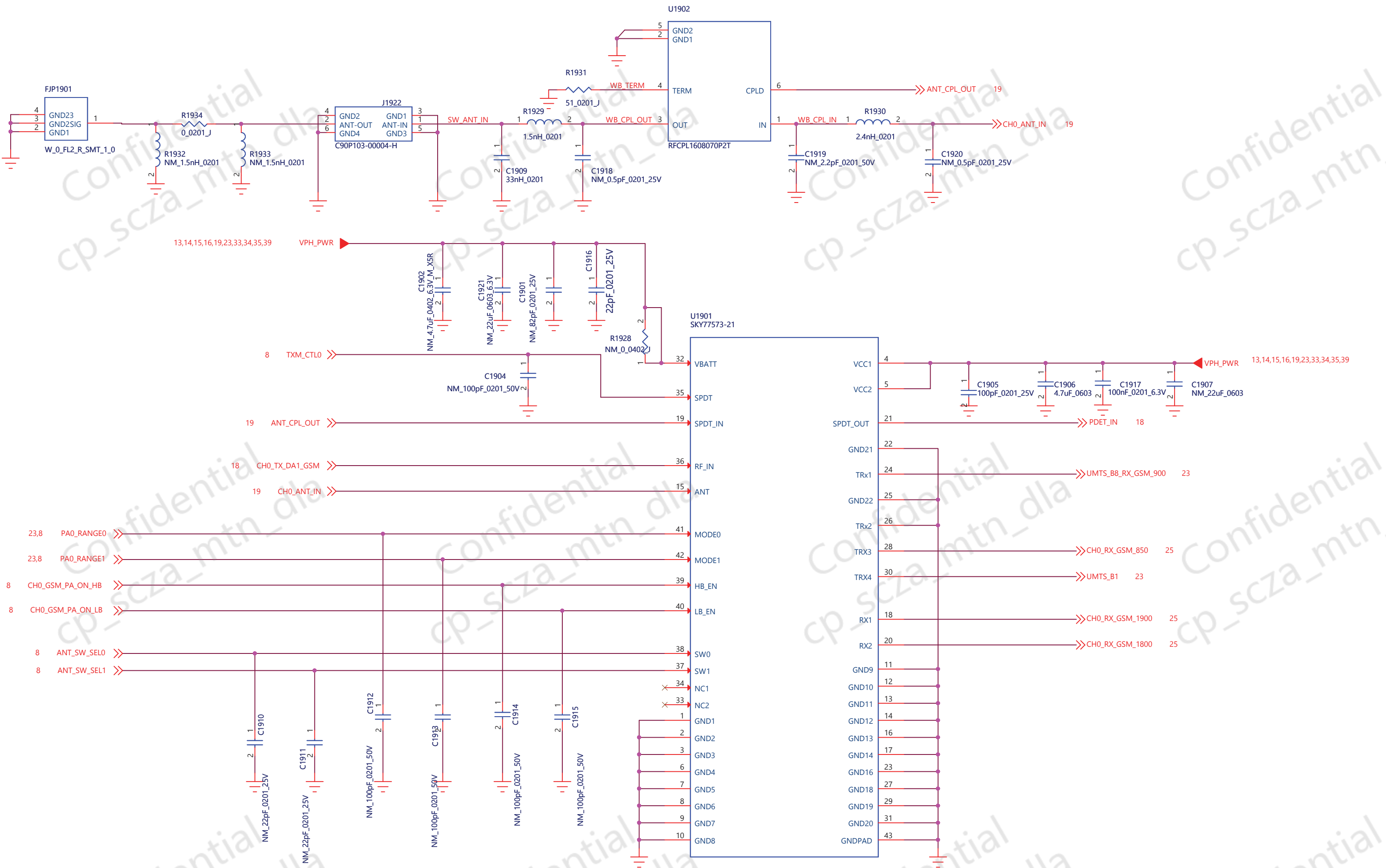


WTR2605_Primary path_ Power Distribution 2.05V,1.8V,1.225V

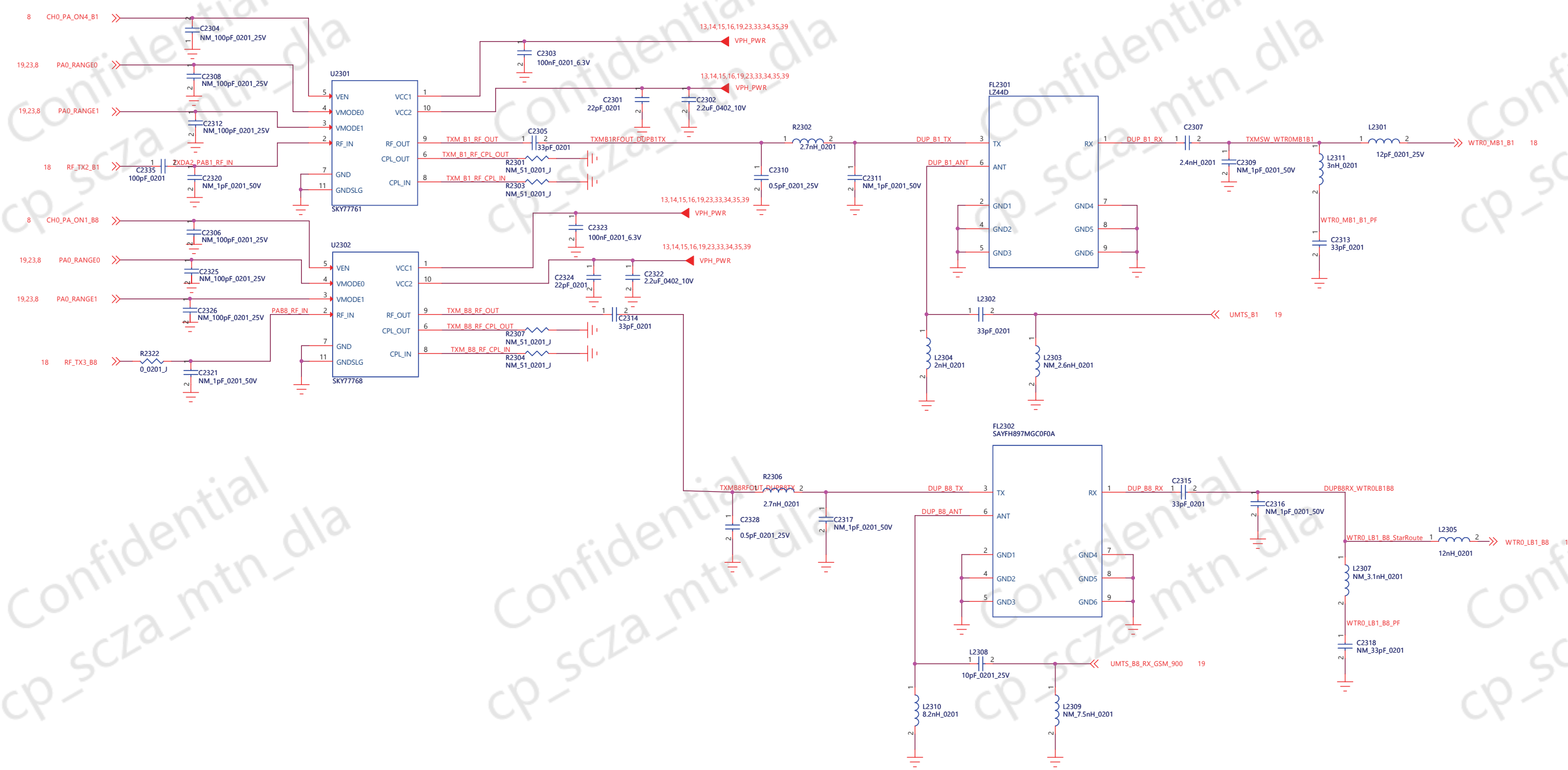


WTR2605_Primary Path



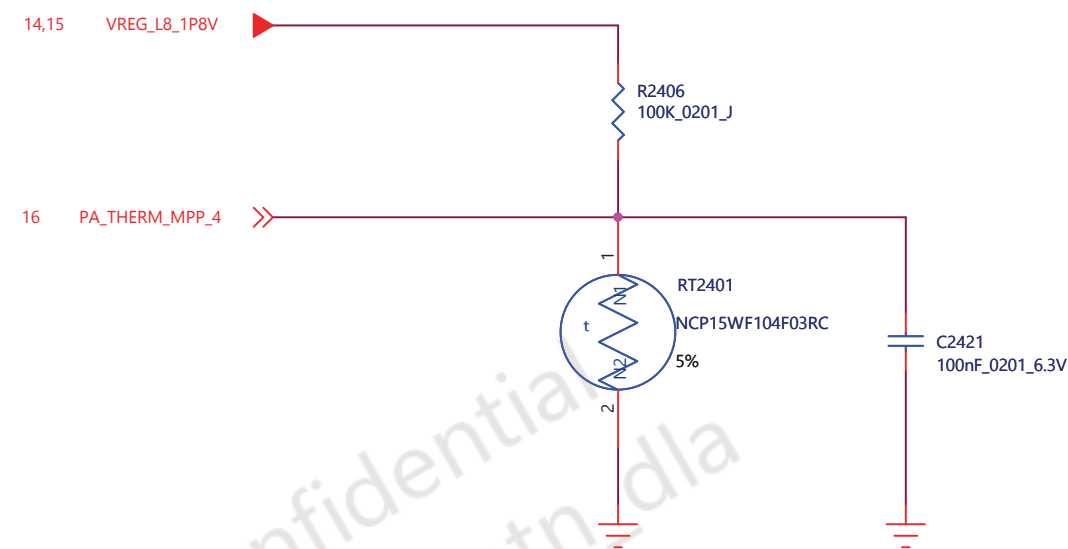


B1 /B8

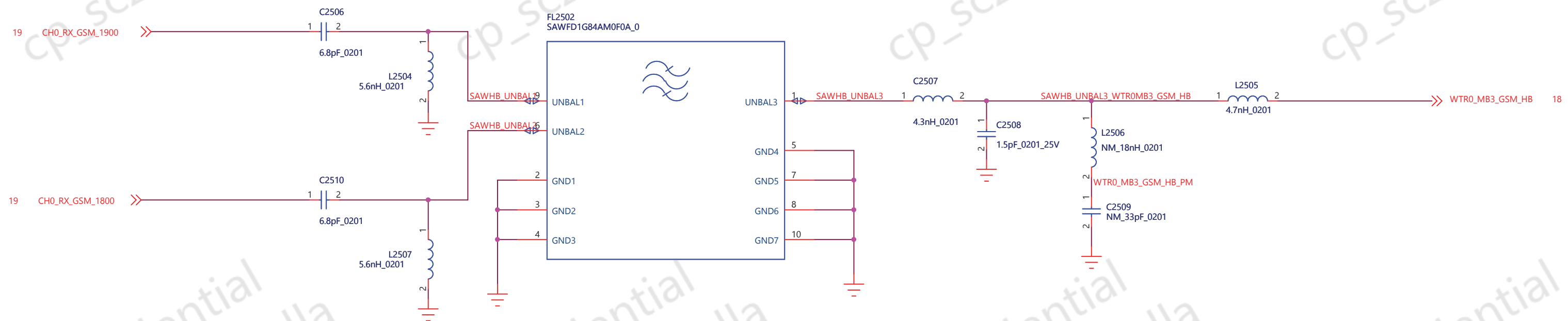
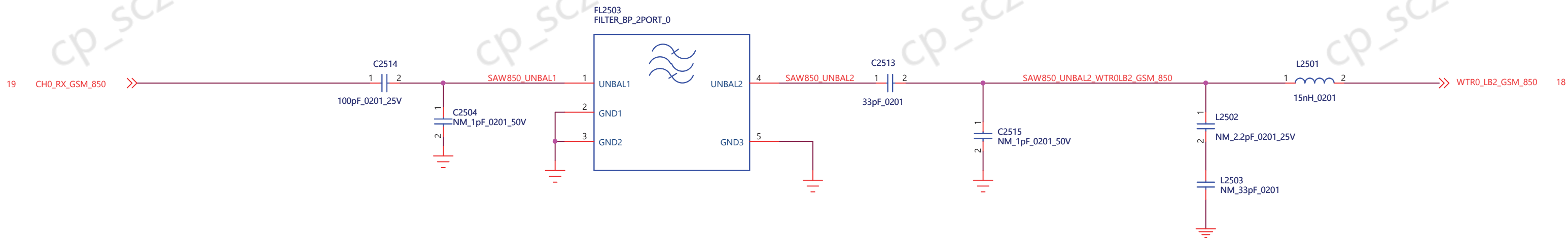


UMTS B2/B5

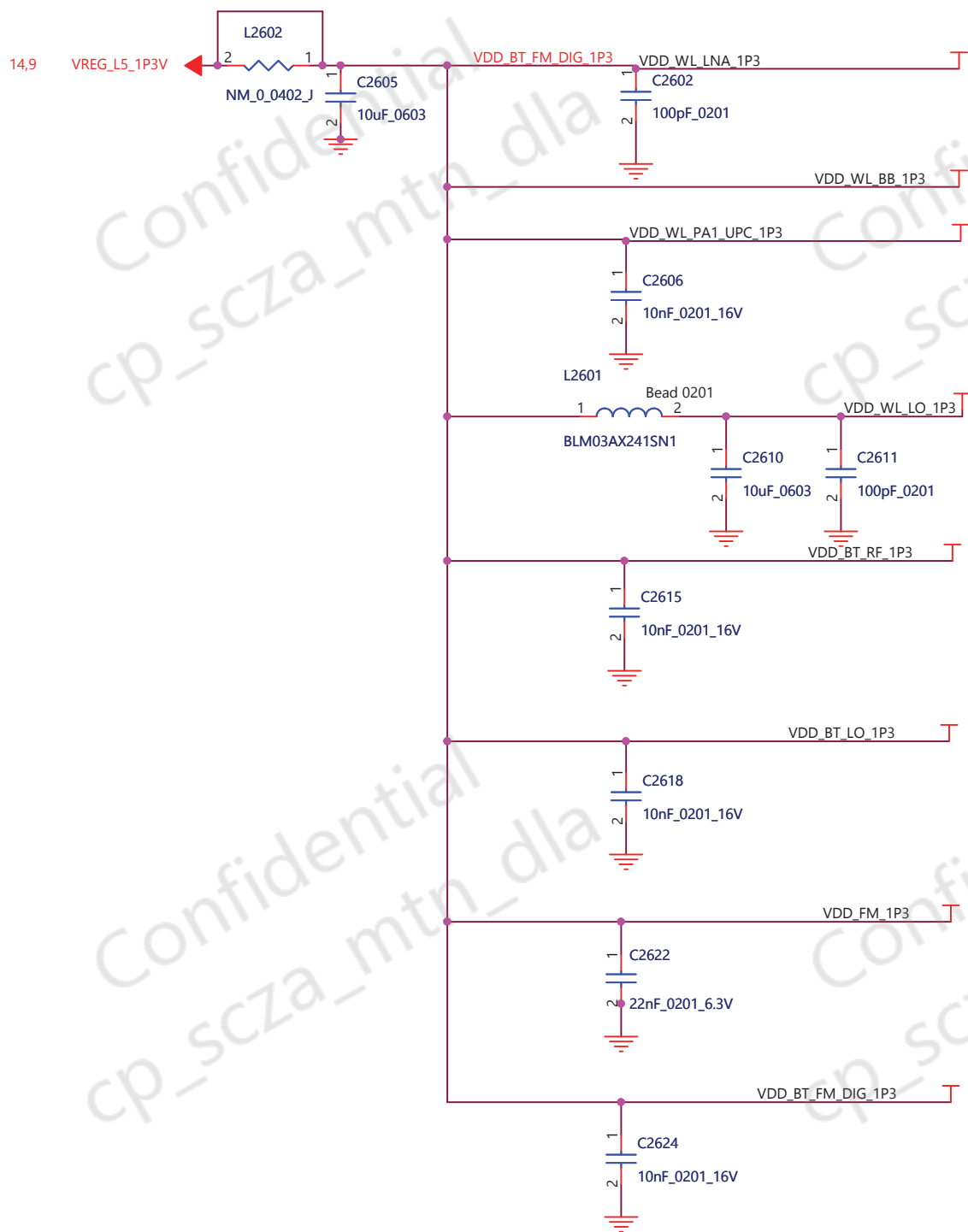
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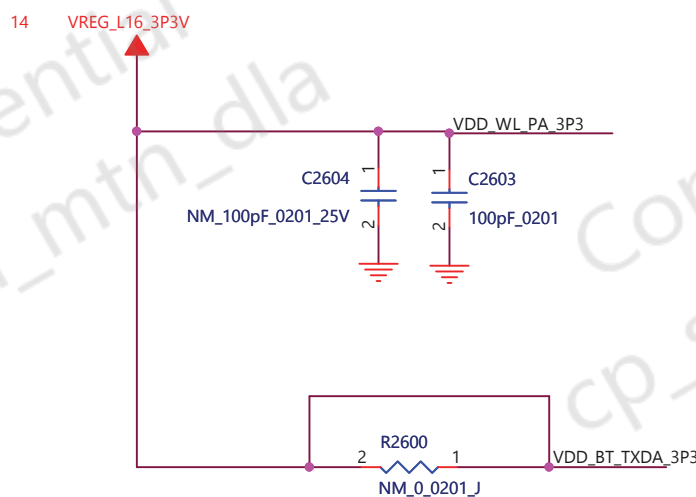
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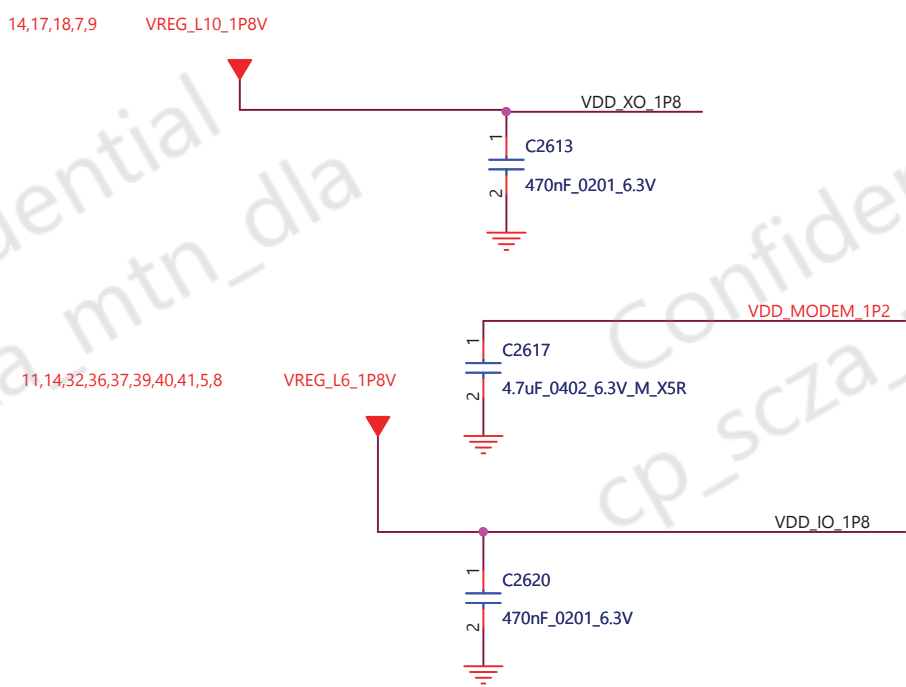
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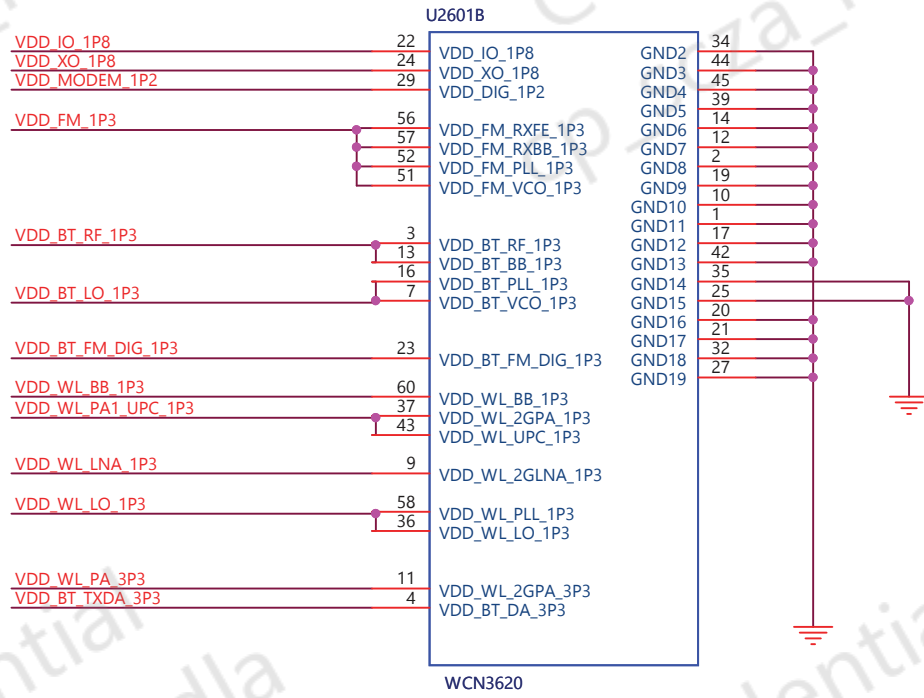
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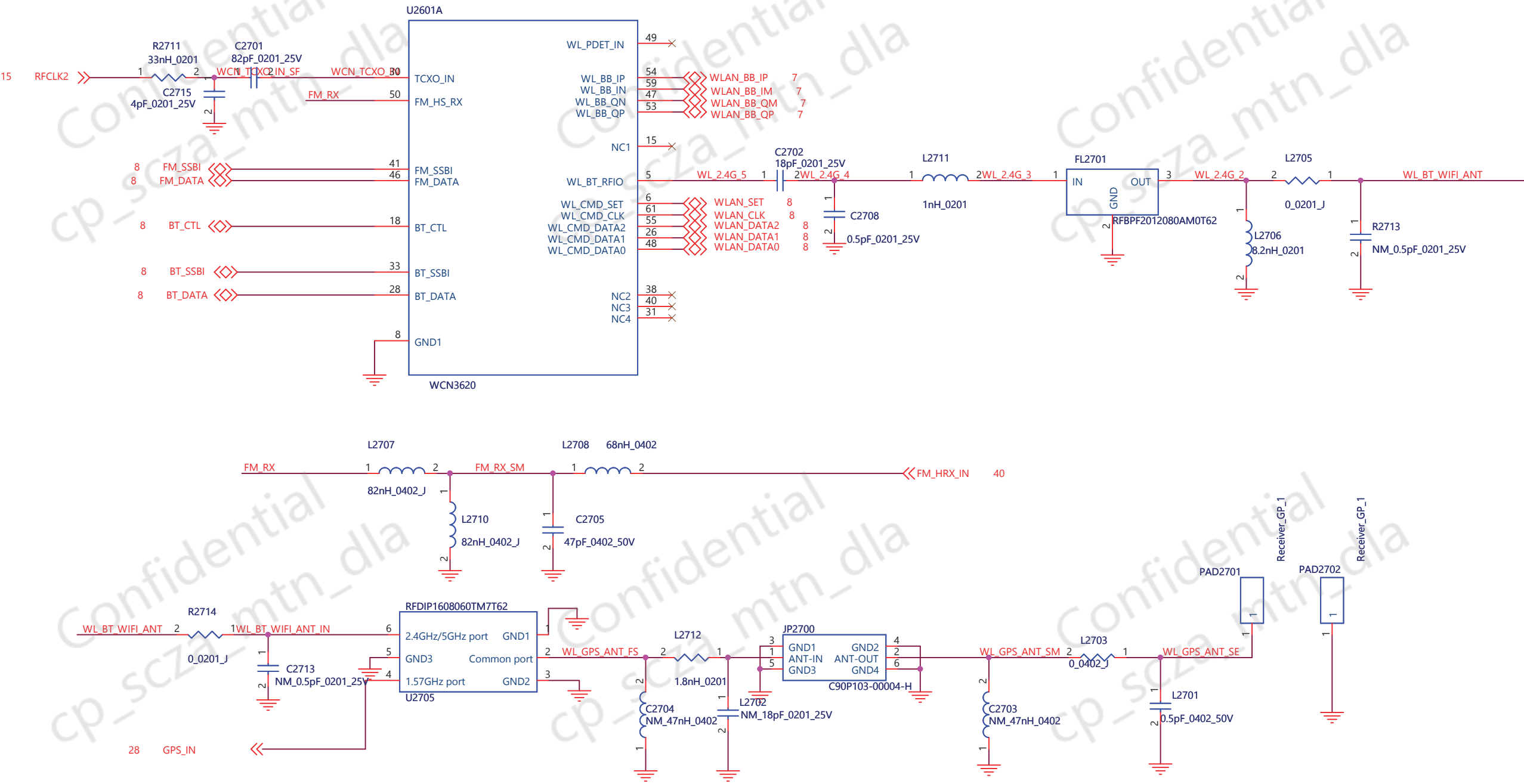
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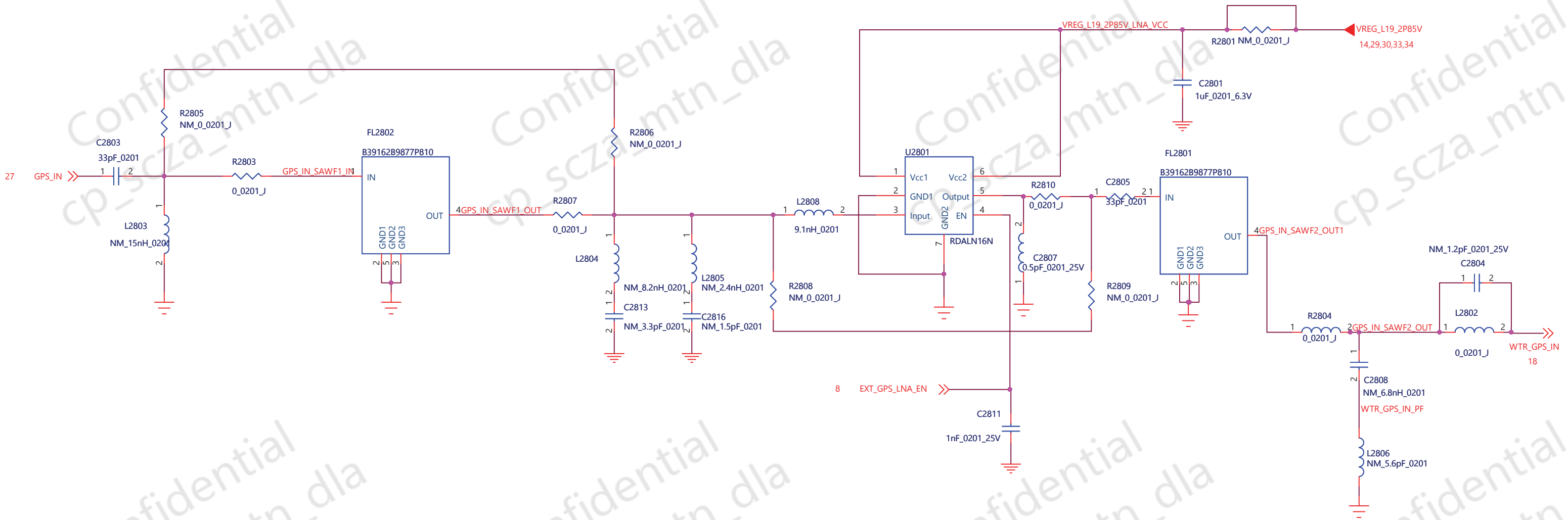
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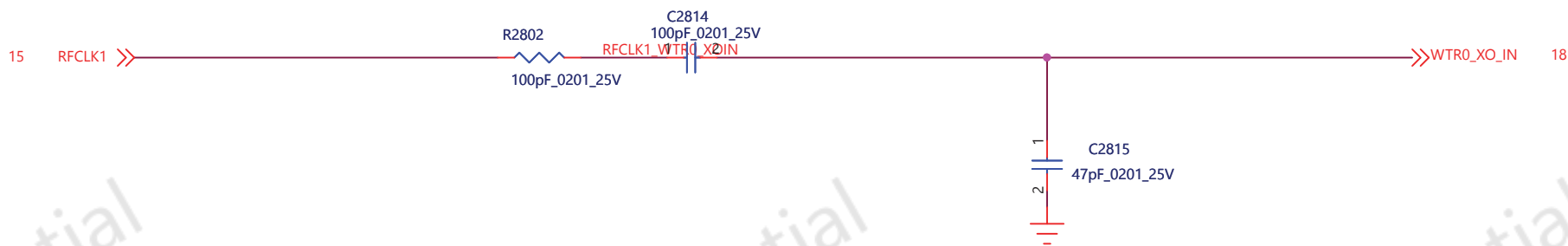
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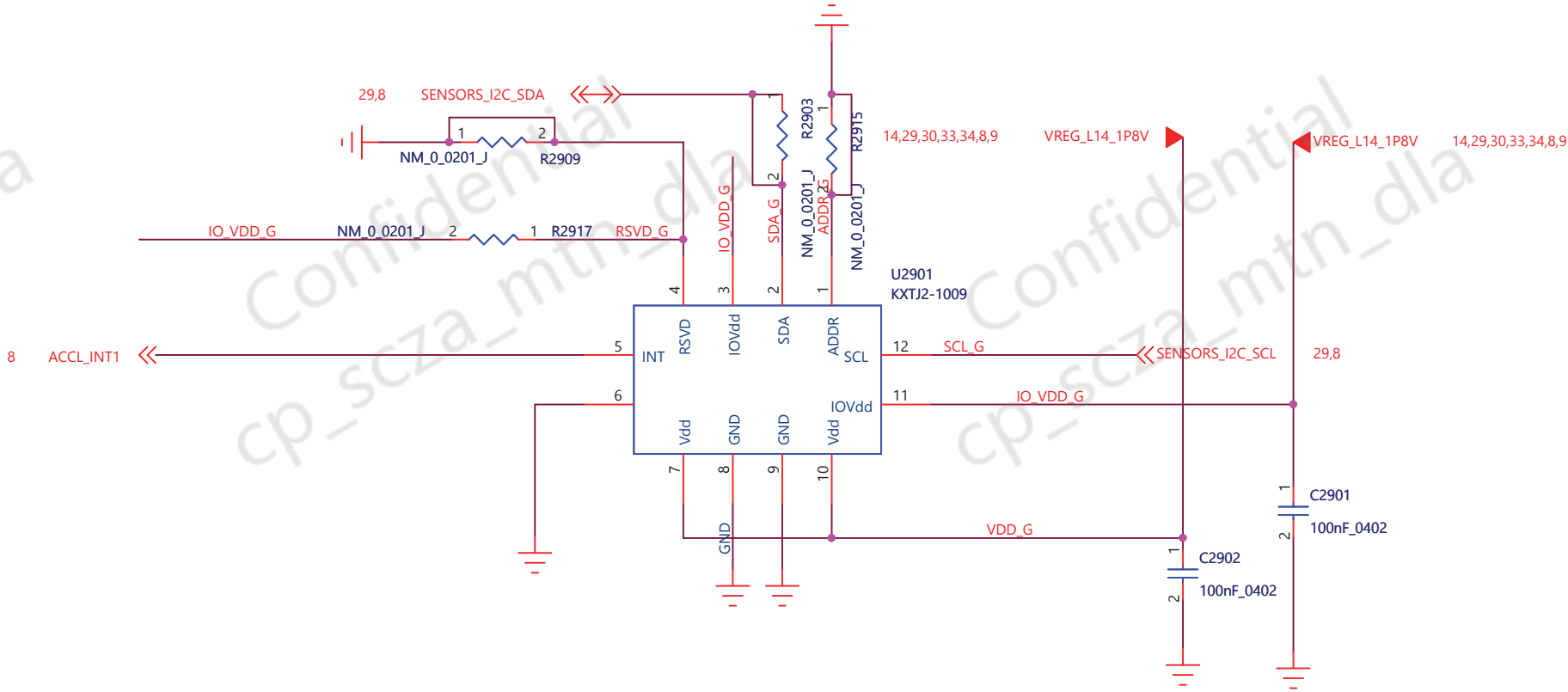
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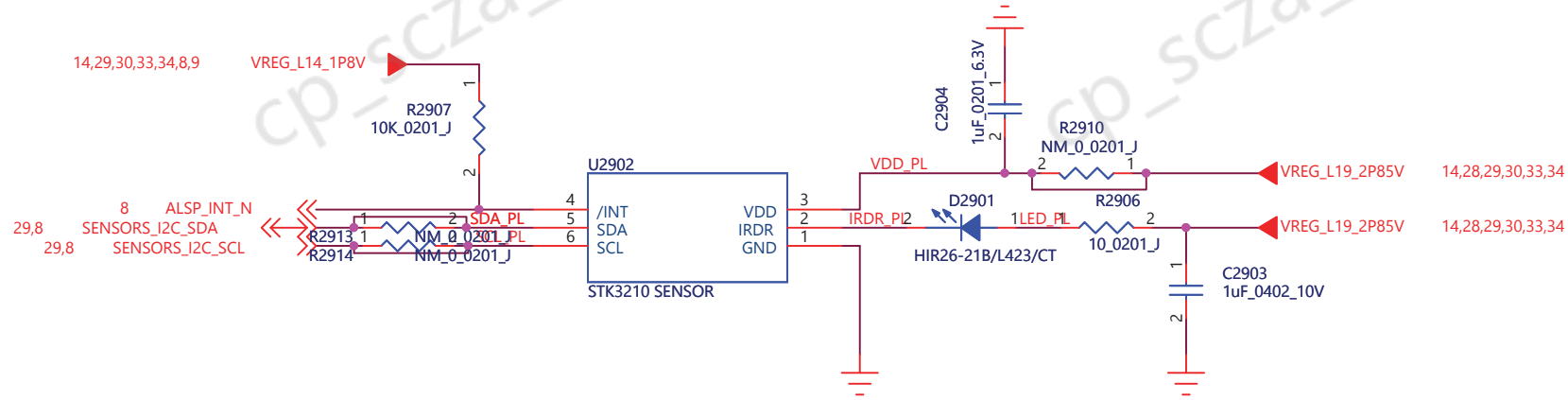
XO DISTRIBUTION



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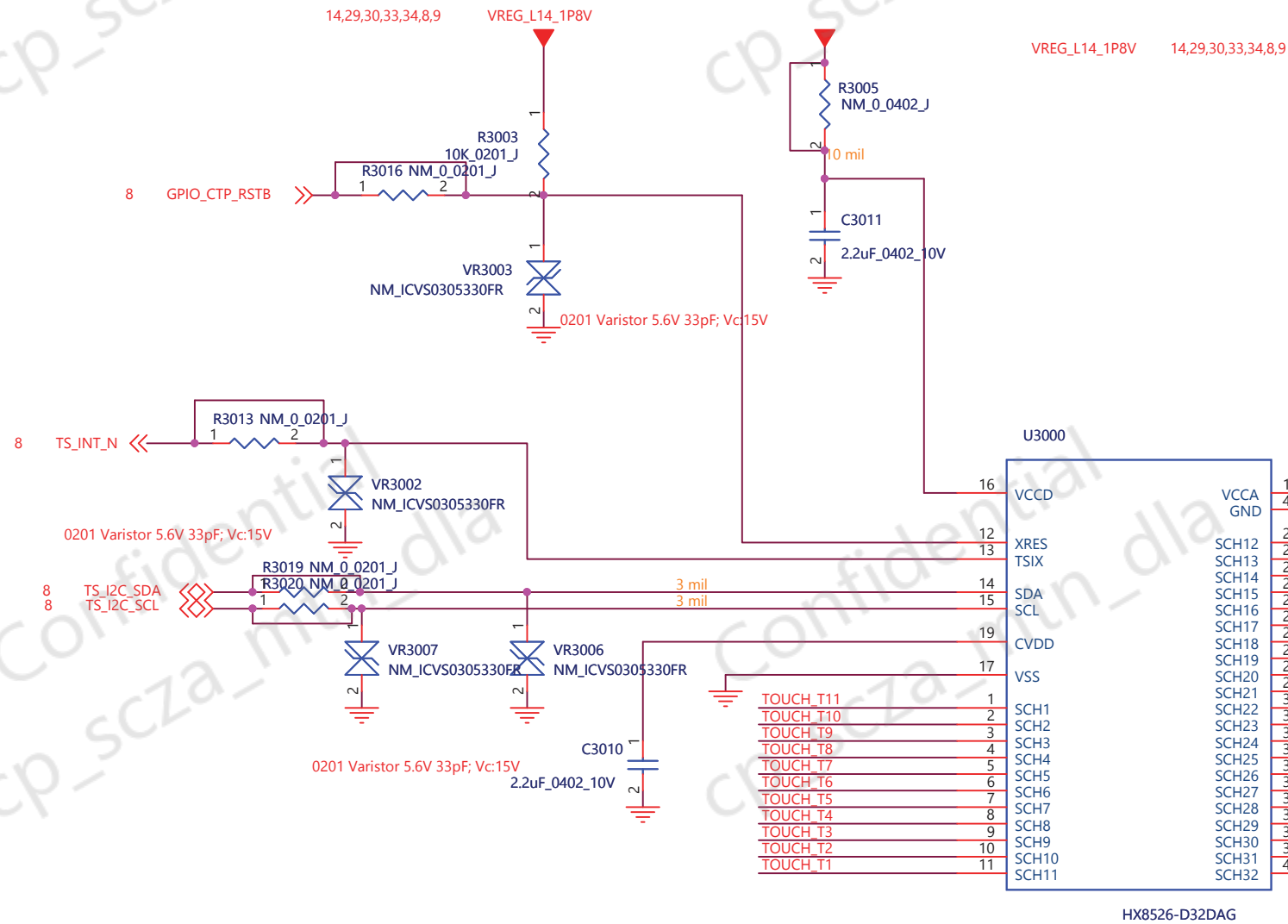


P-Sensor (STK3210)

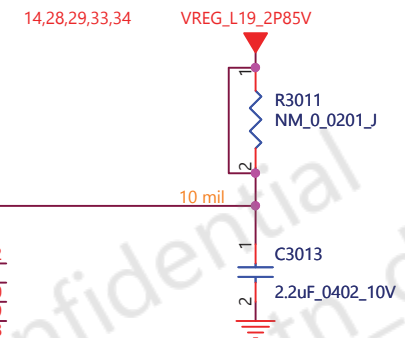
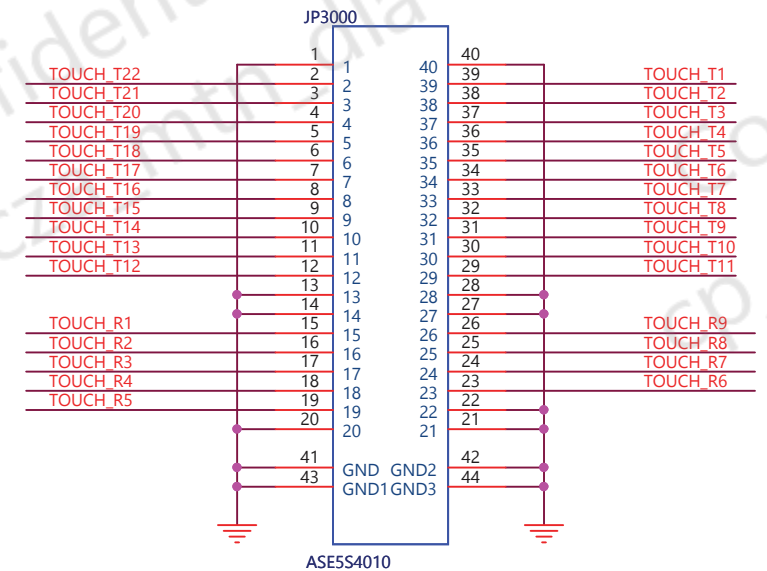


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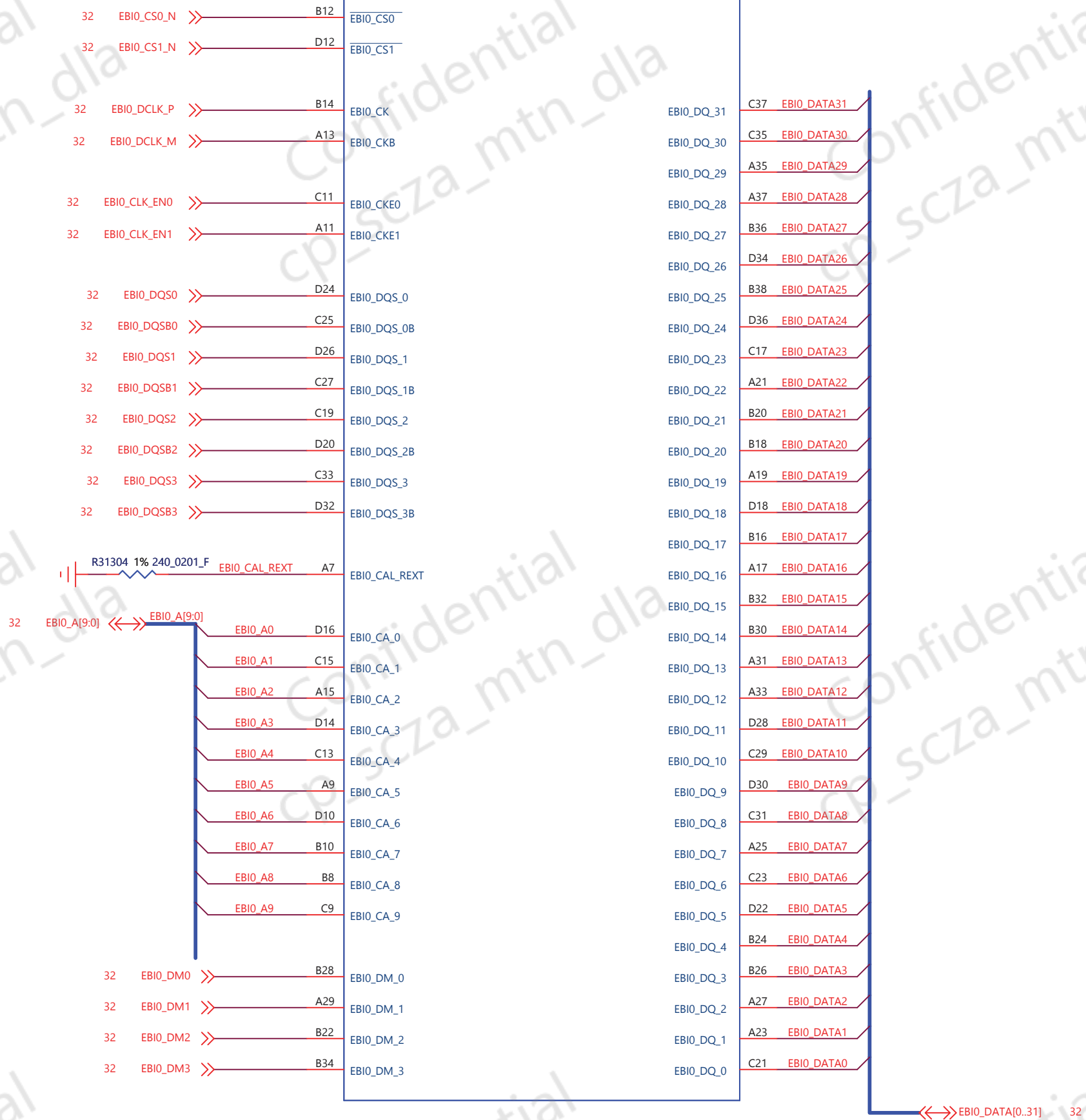
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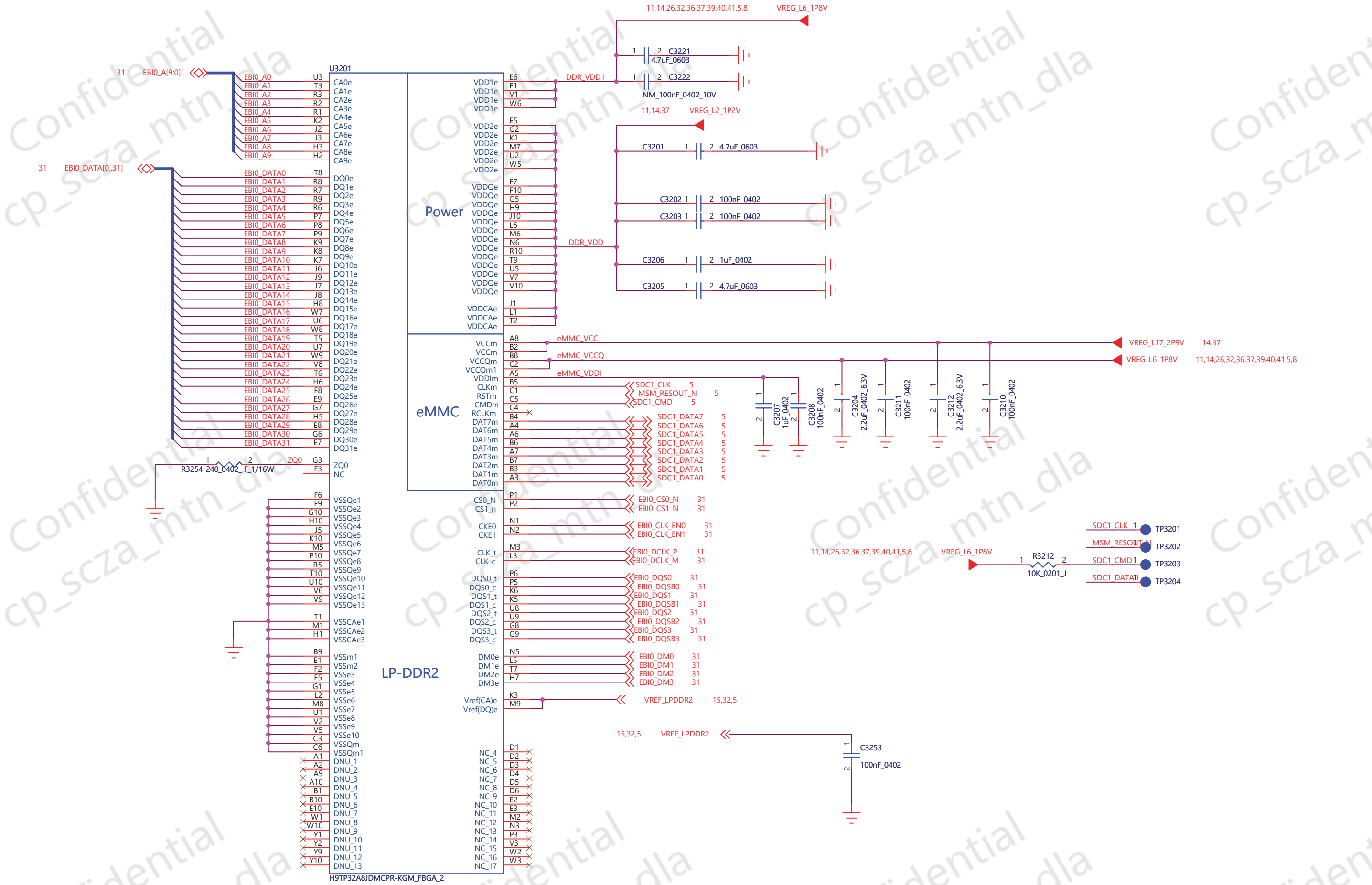
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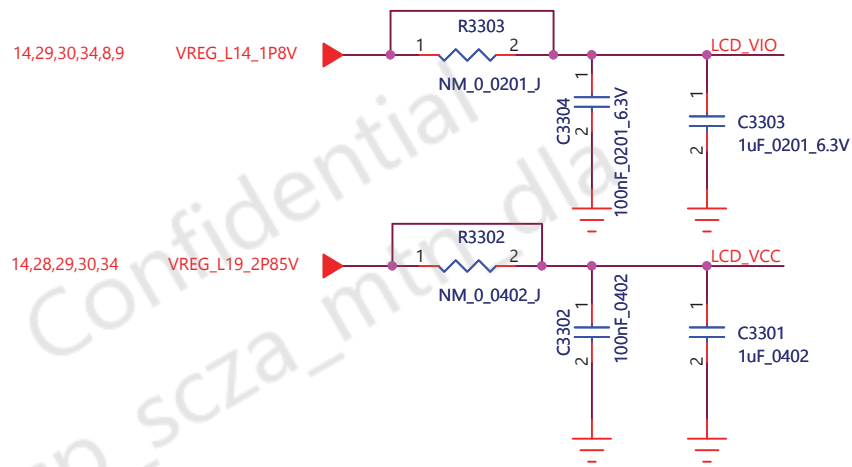
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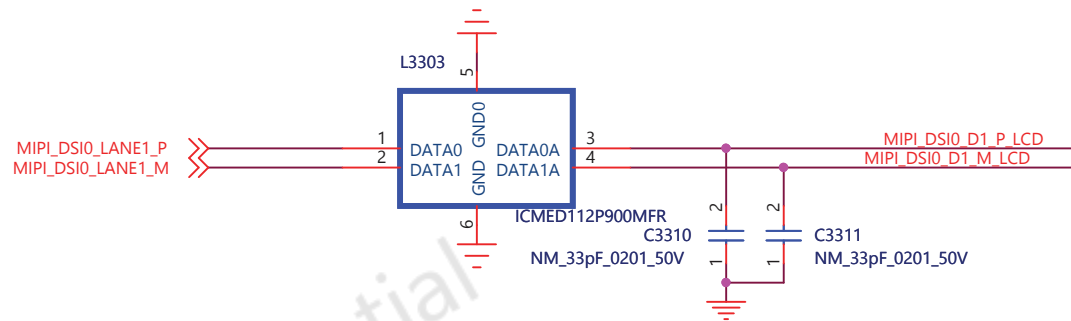
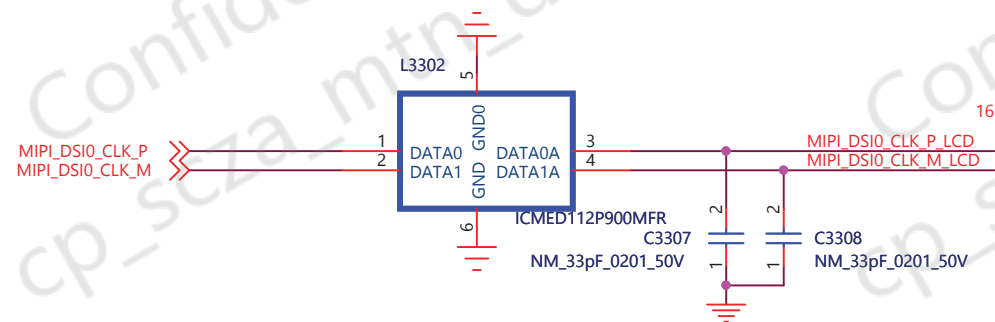
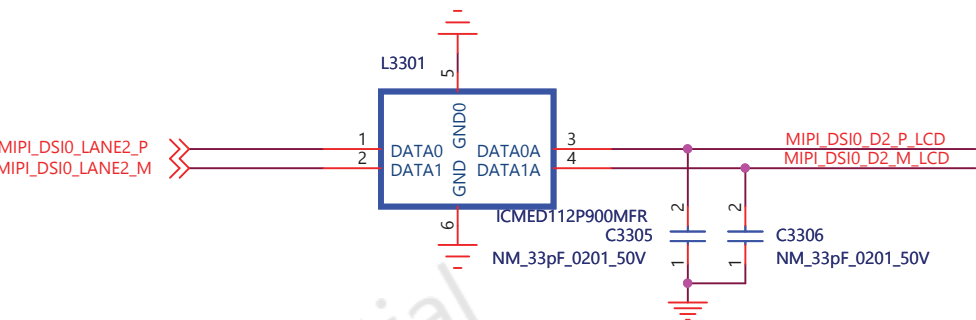
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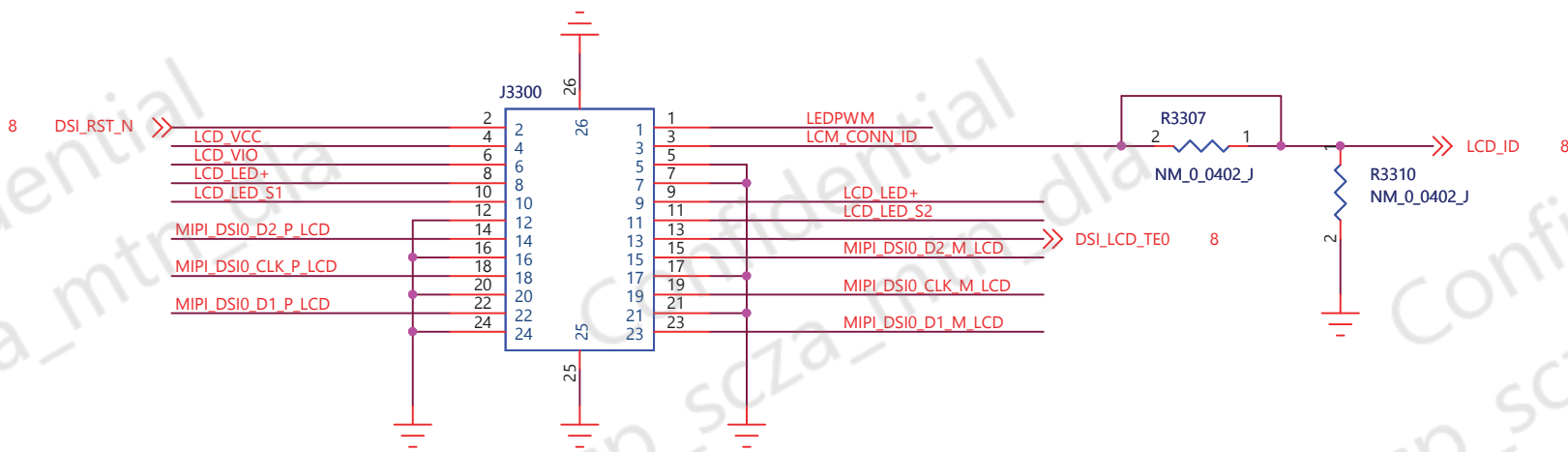
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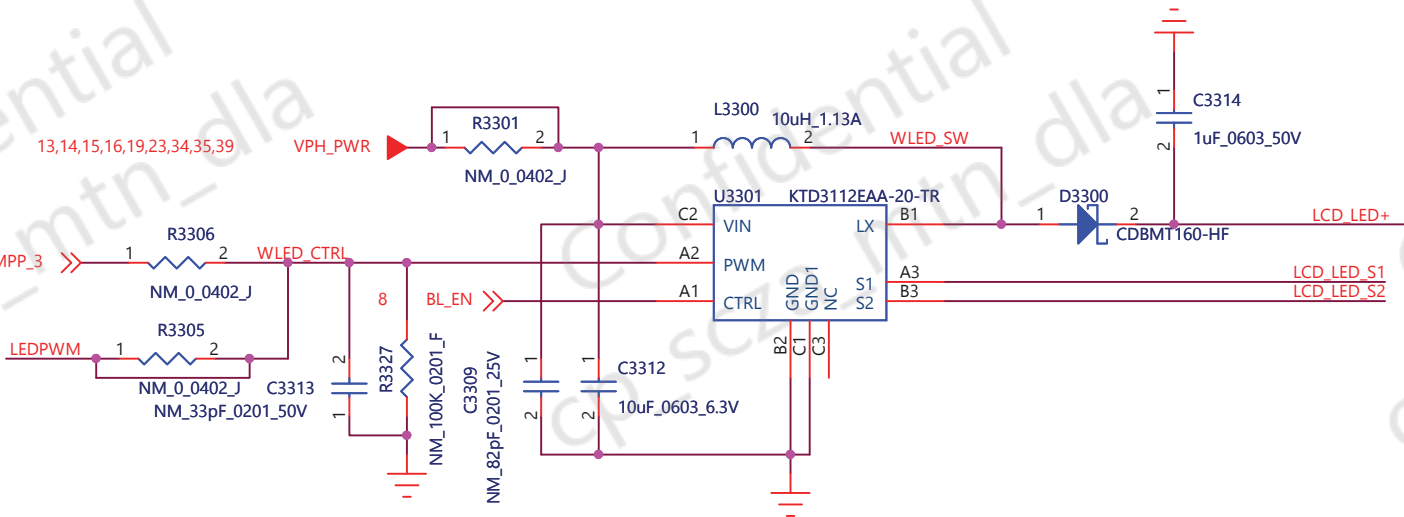
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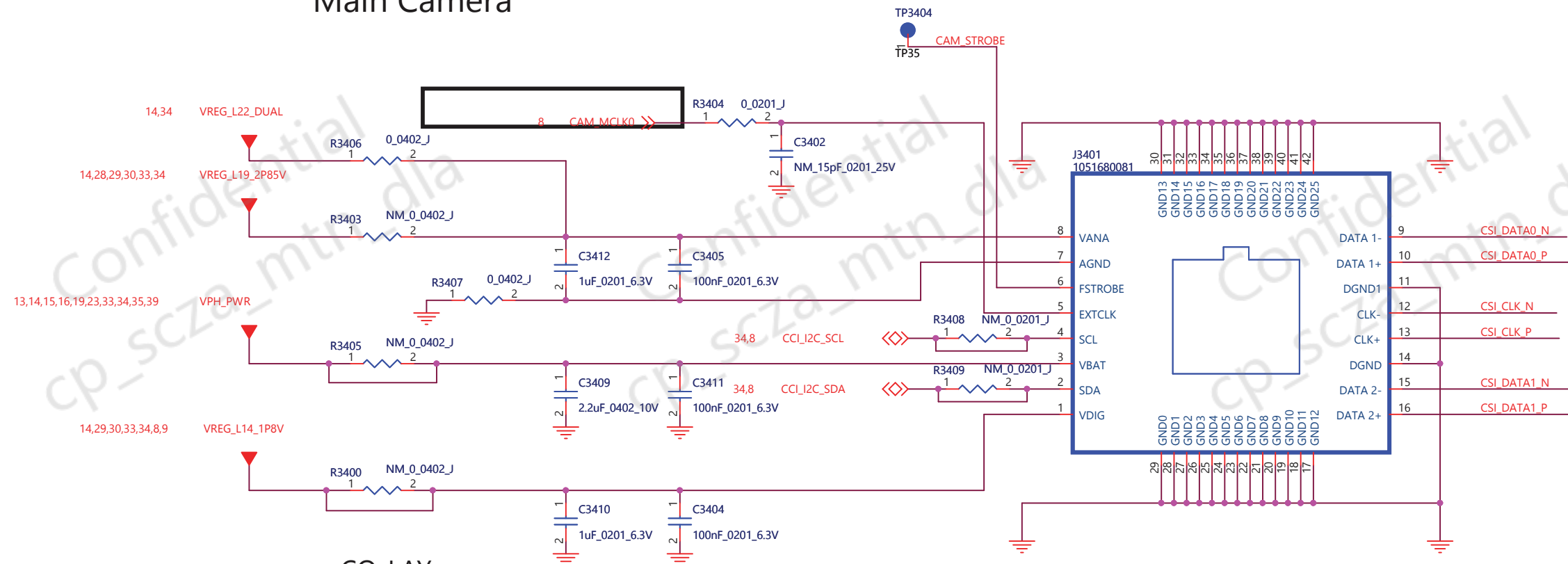
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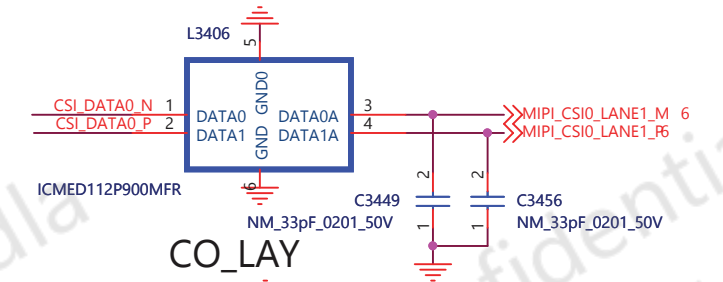
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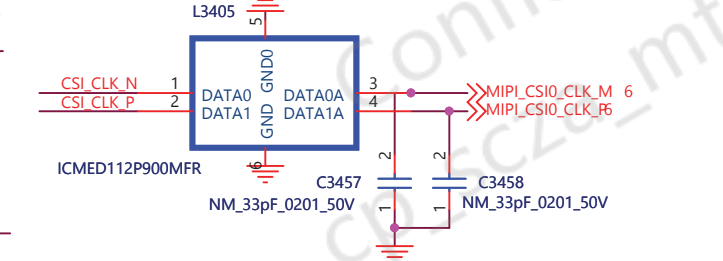
Main Camera



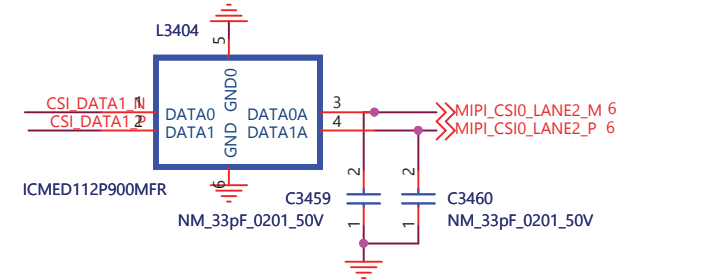
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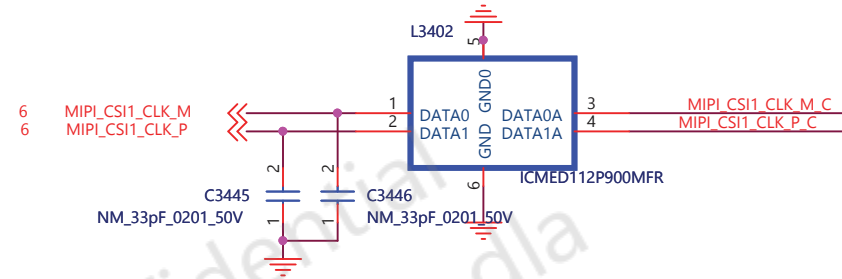
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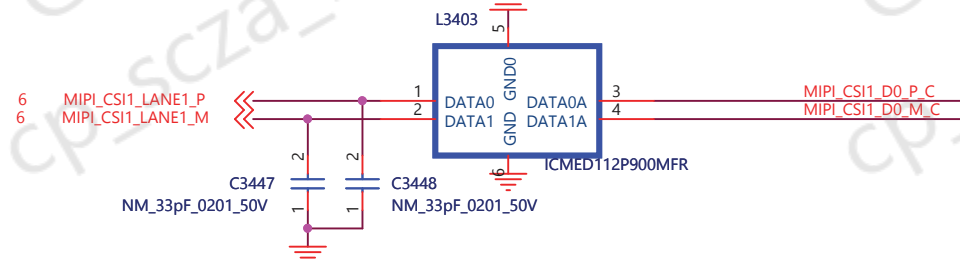
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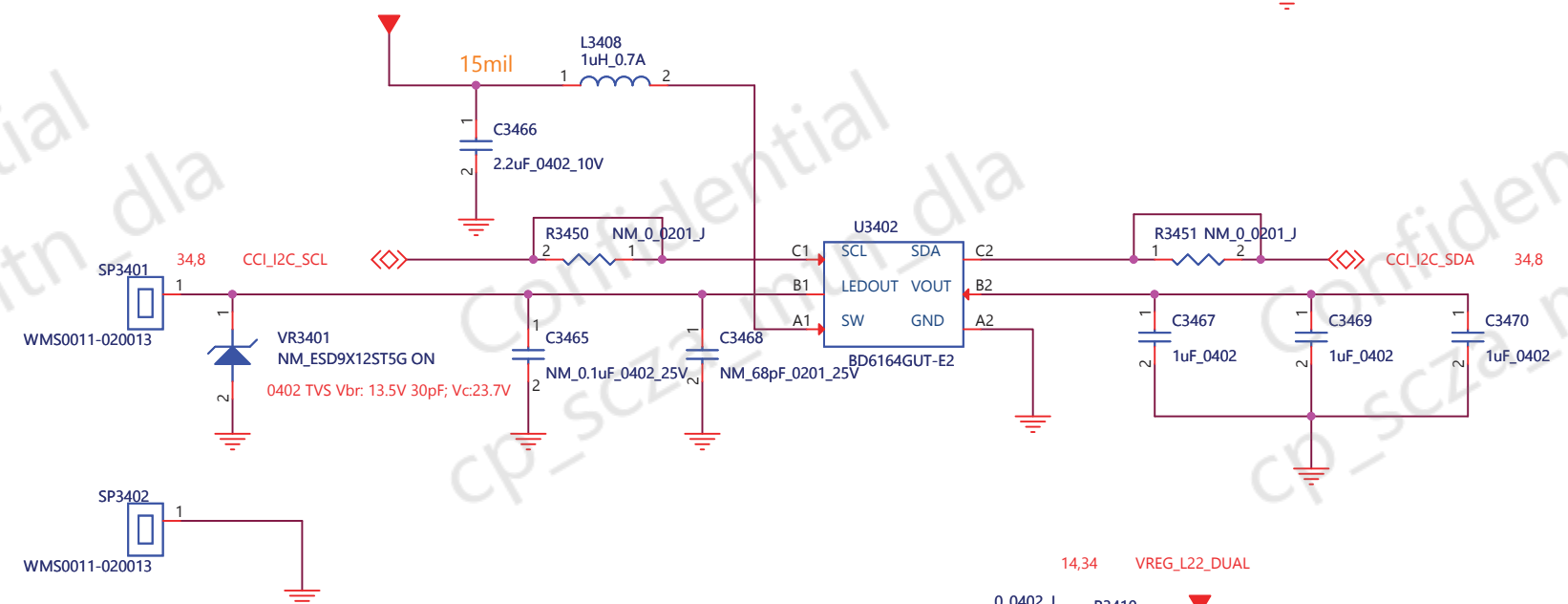
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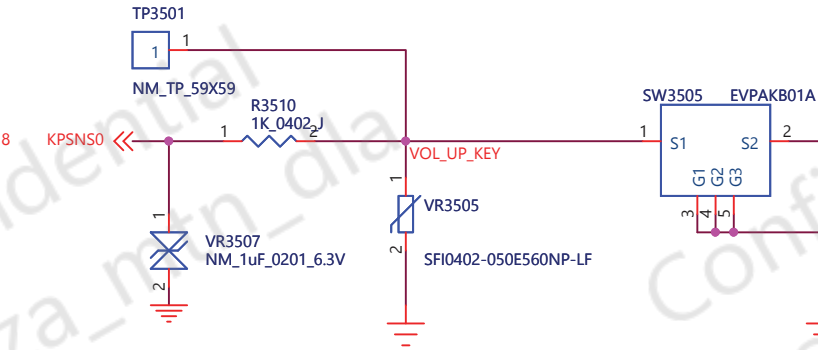
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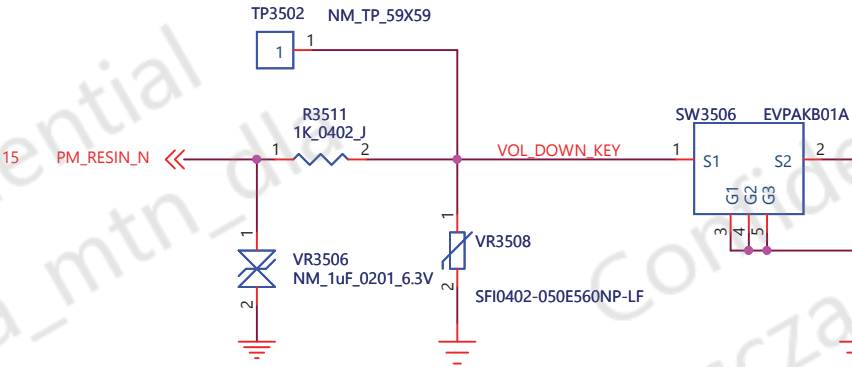
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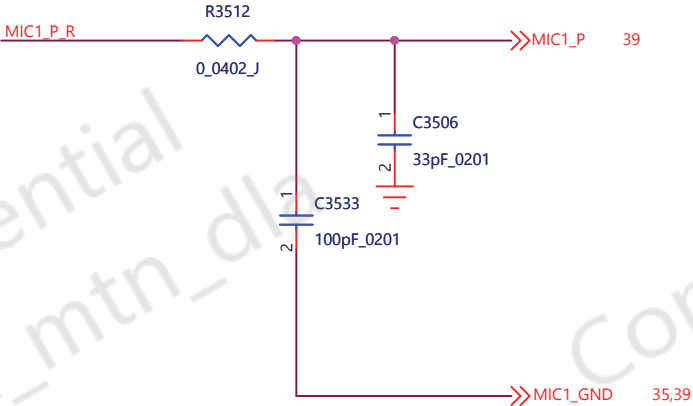
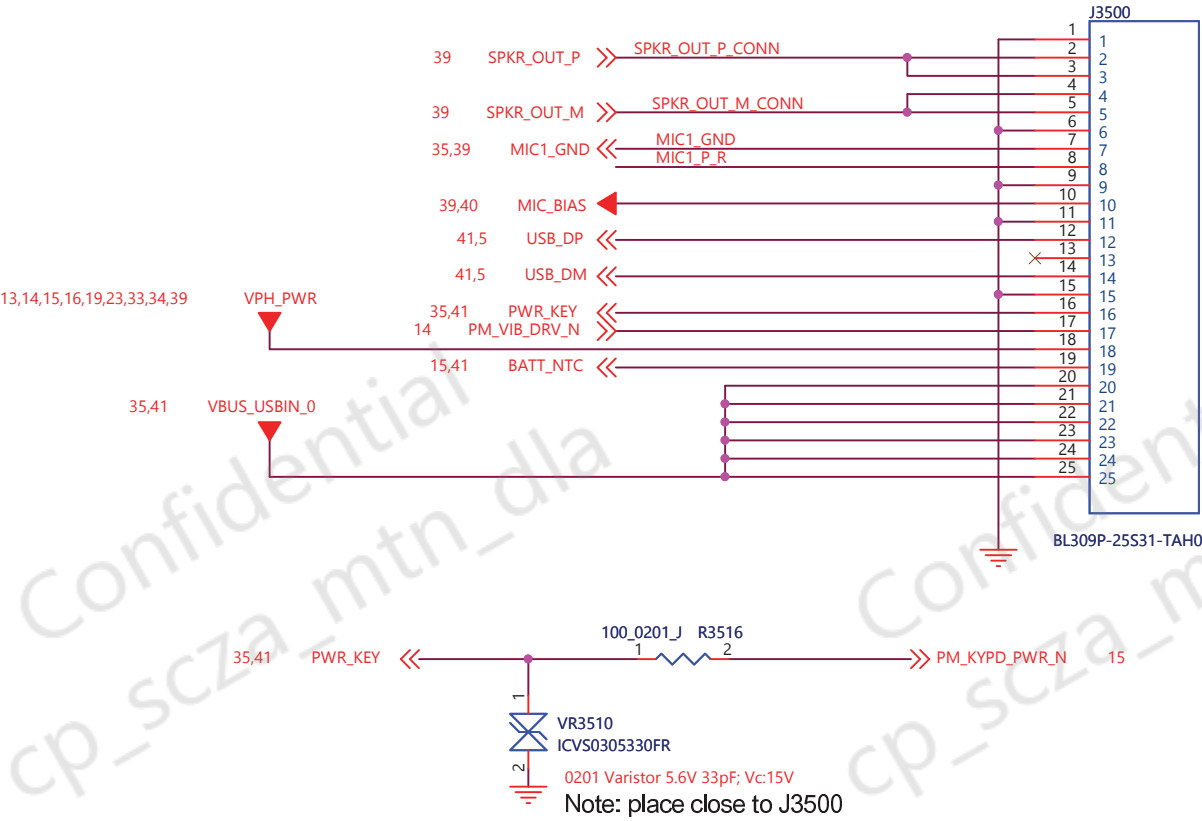
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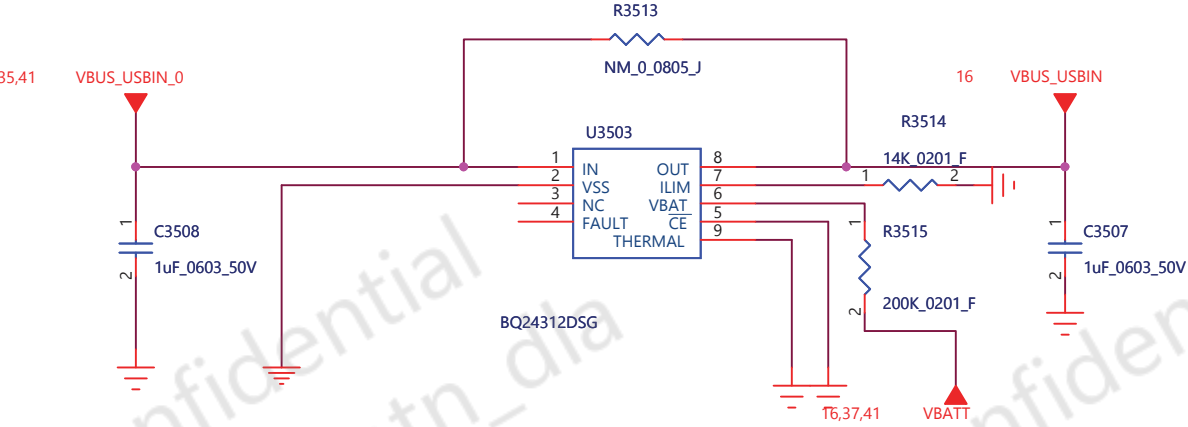
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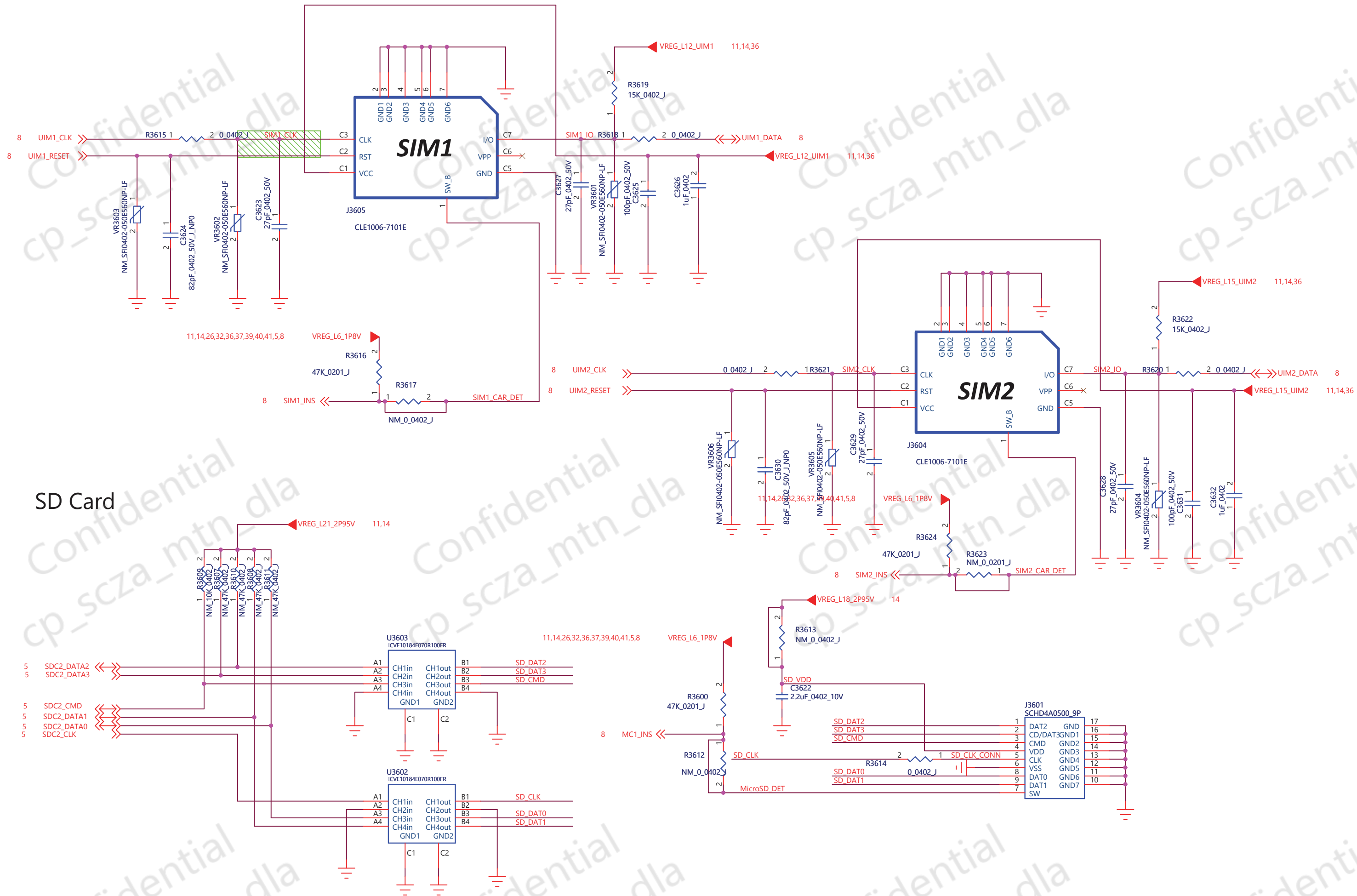


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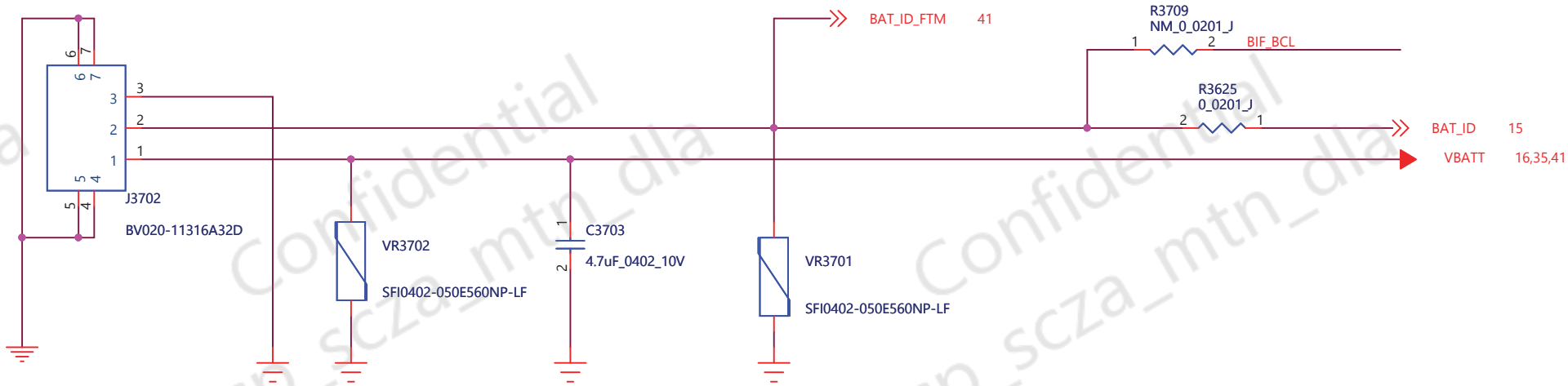


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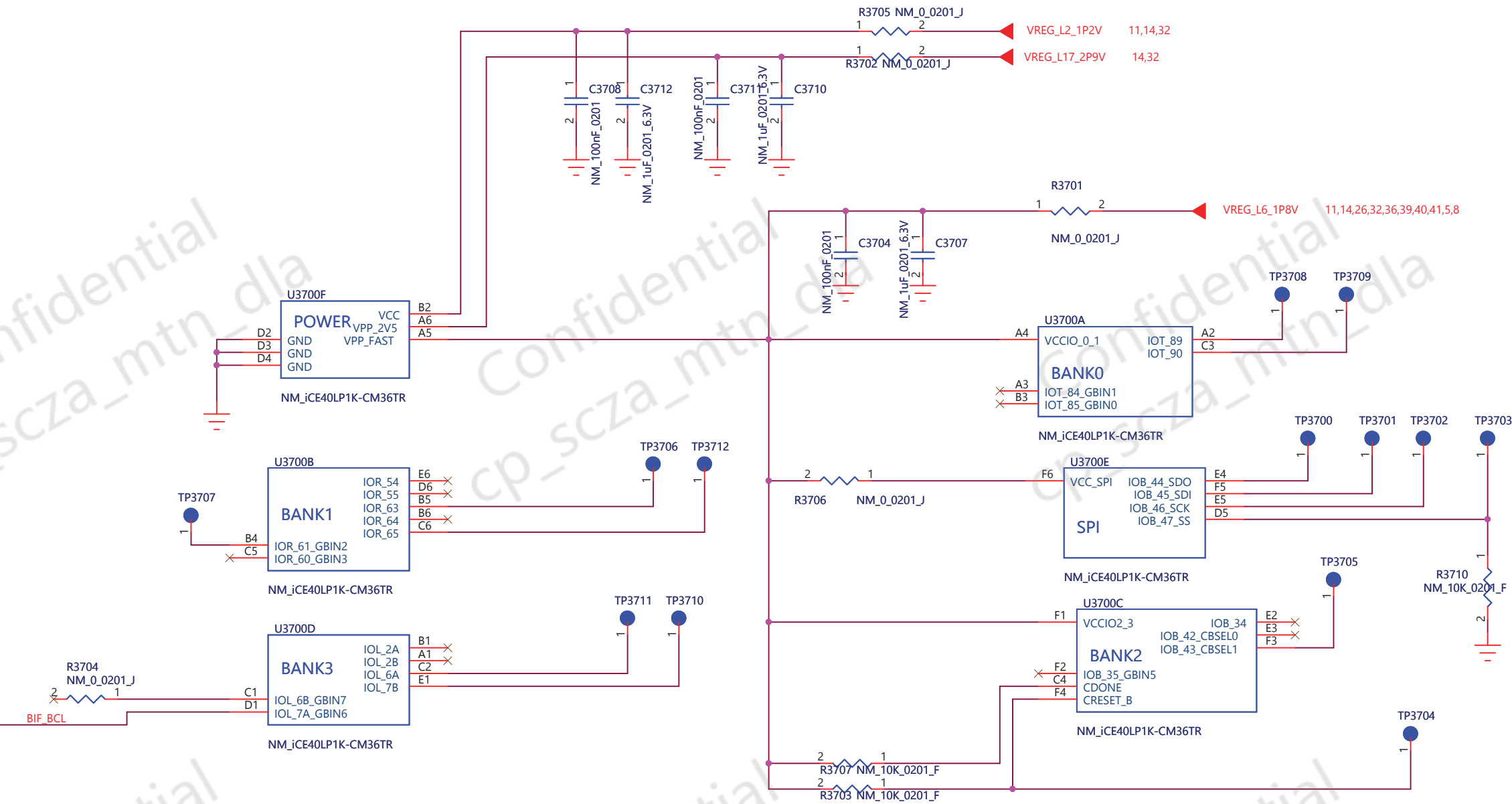




BATTERY CONNECTOR



BIF



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cp_scsza_mtn_dla

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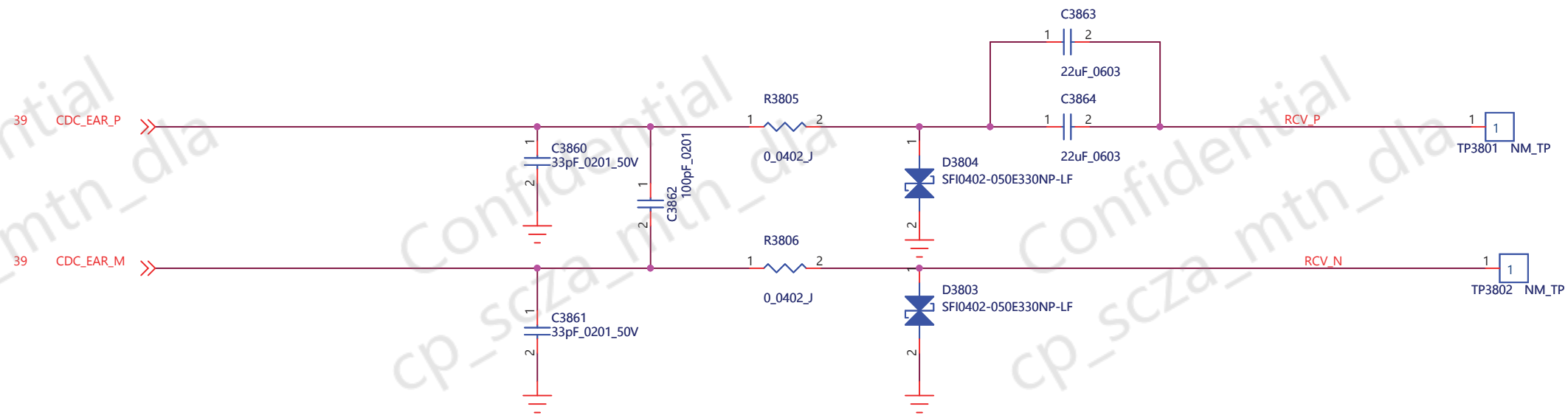
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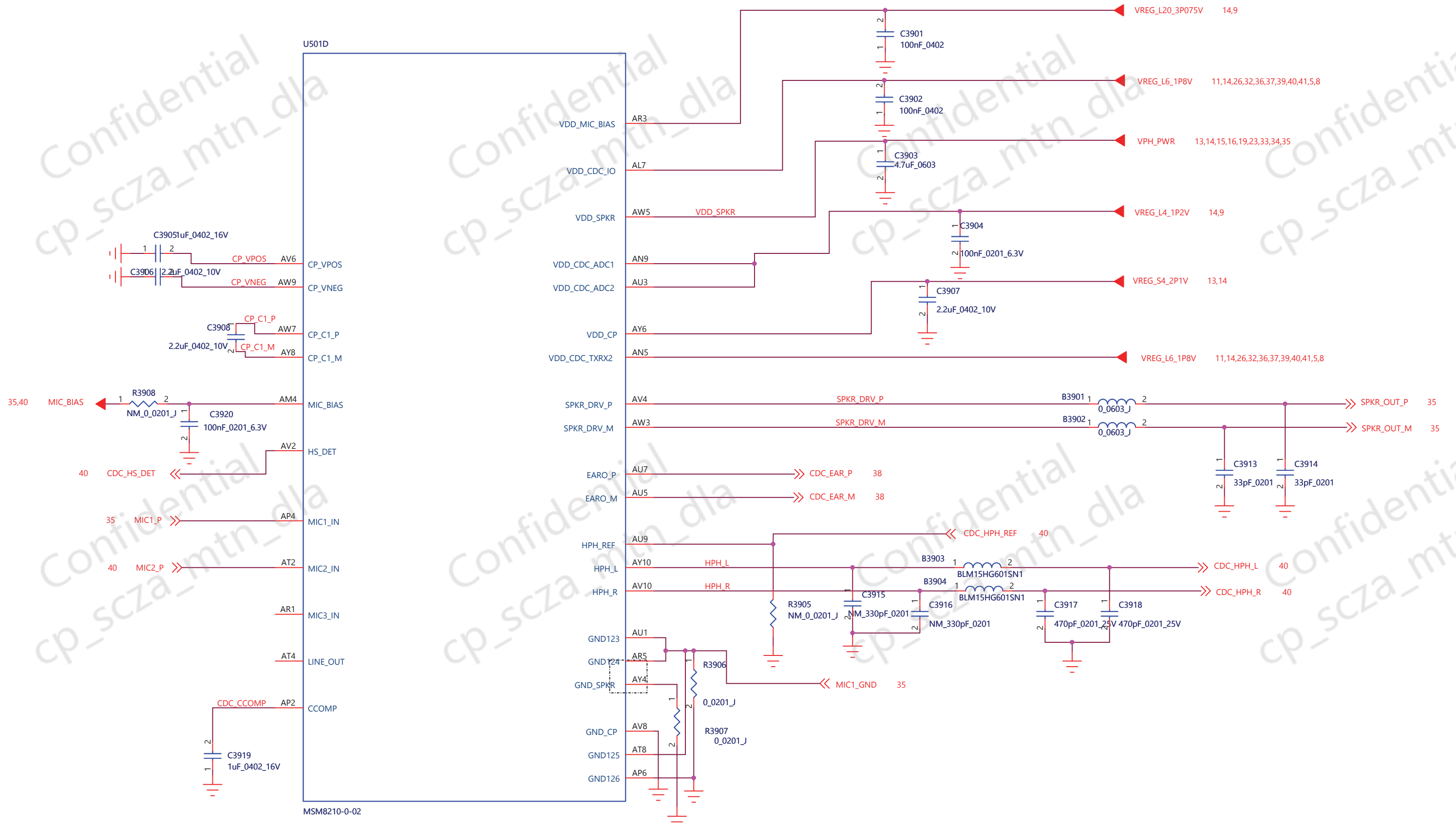
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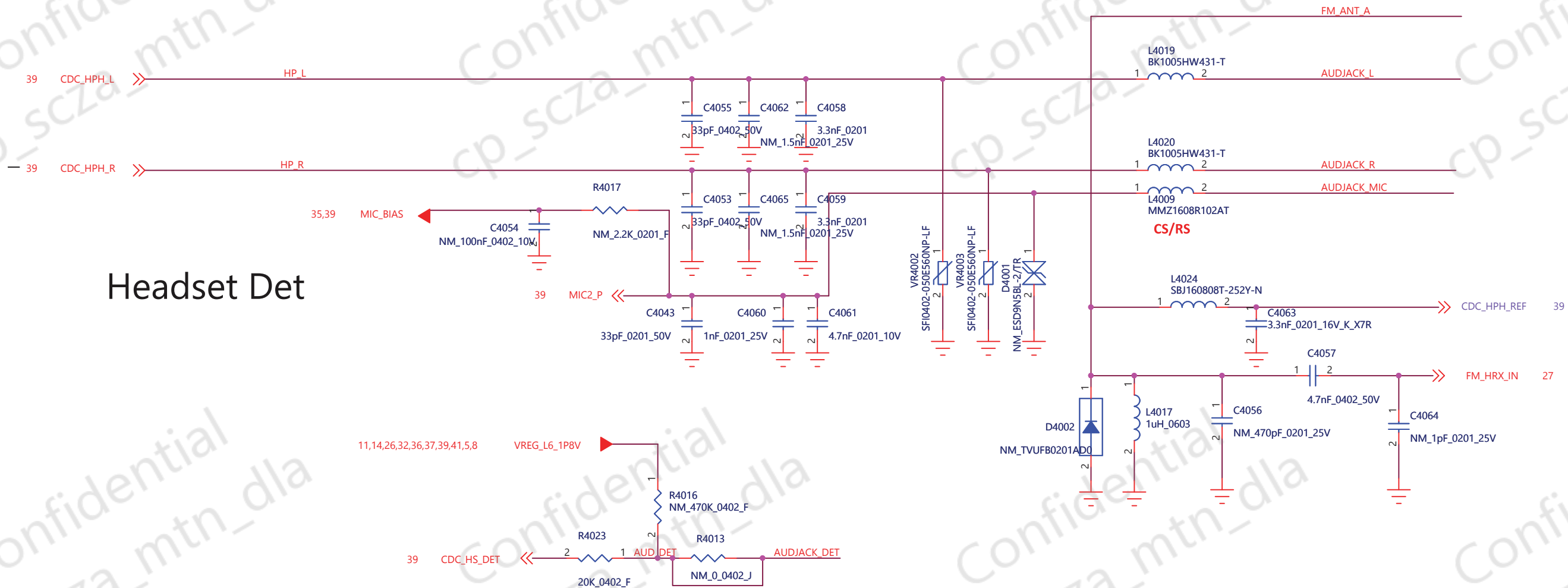
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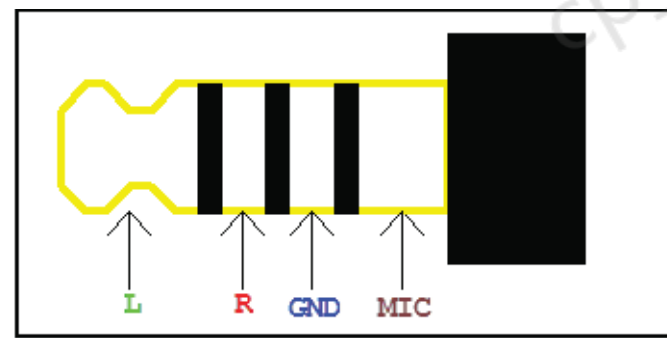
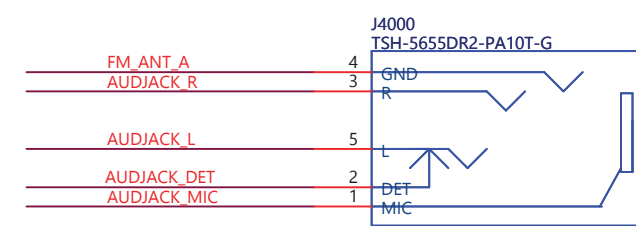


Earphone MICPHONE

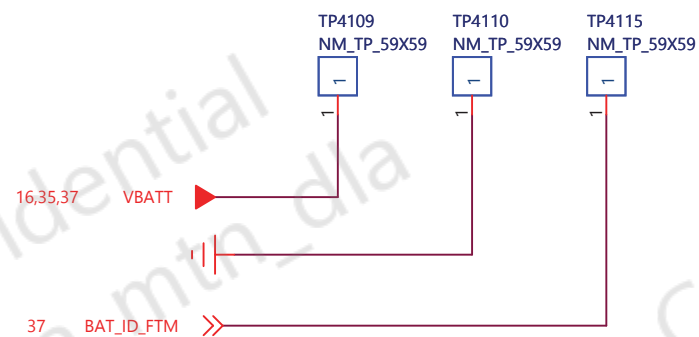
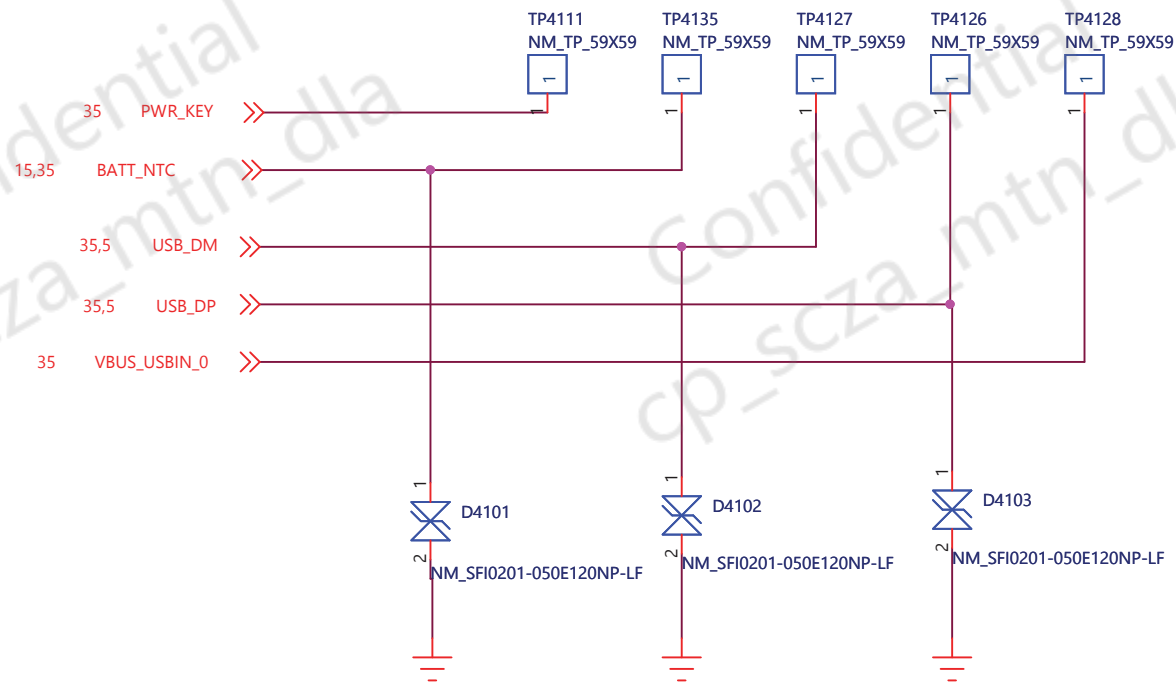
Earphone RECEIVER



Audio Jack



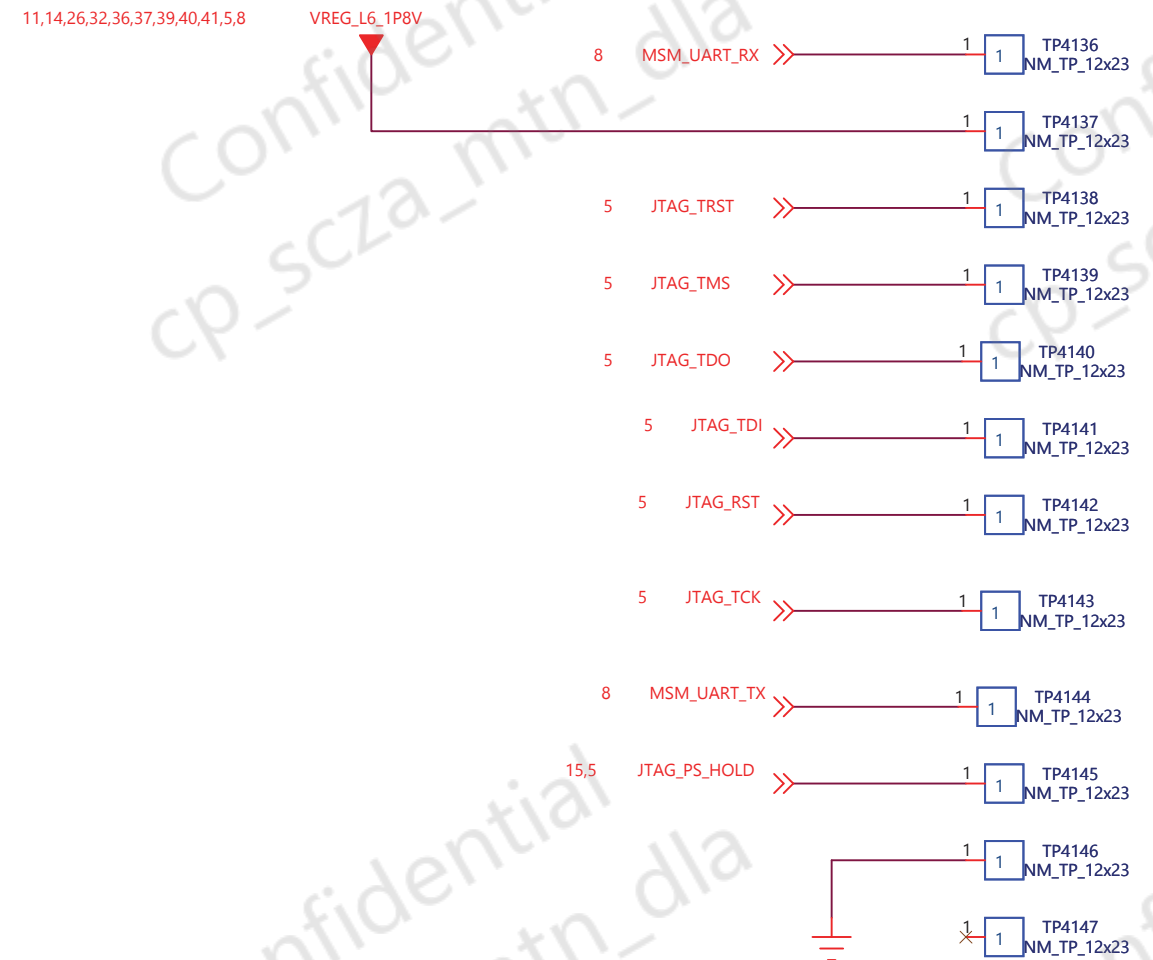
Factory Test Point



BOOT MODE

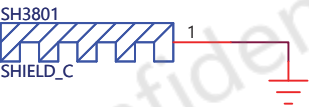


JTAG Interface

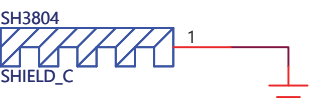
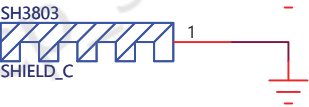
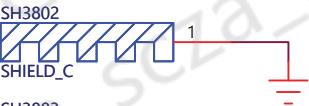


Shielding Frame Position Holes

TOP side Shielding Case



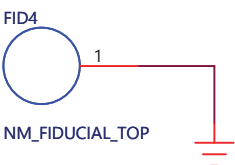
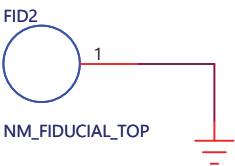
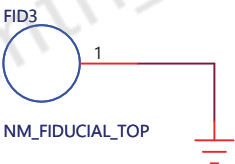
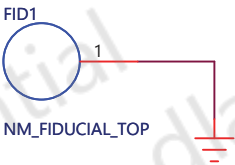
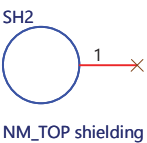
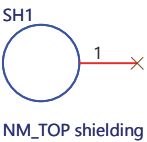
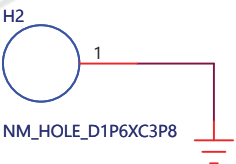
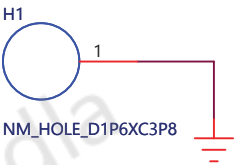
BOTTOM side Shielding Case



USB Shielding case

Mechanical Screw

PCB Optical Position Holes



RM-1089 & 1090 MB Placement - Top

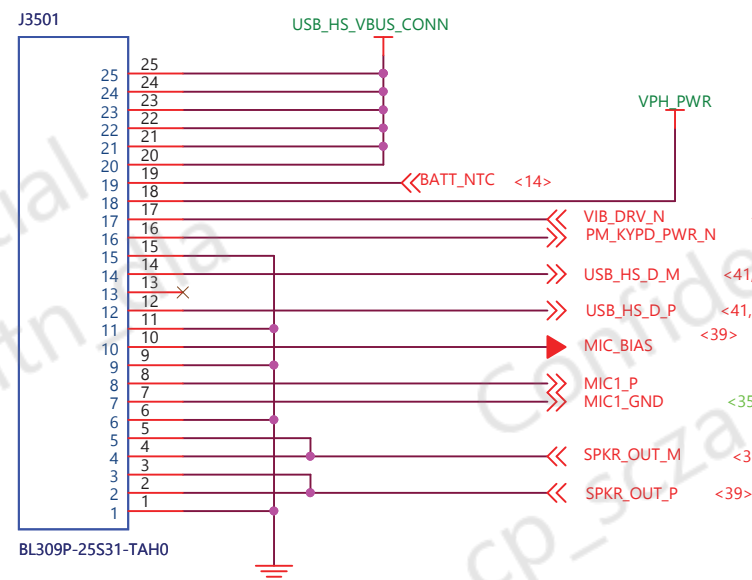
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B3902	J8	C1609	E14	C2903	M13	F12301	G15	R3510	H19
B3903	K6	C1610	E13	C2904	M14	F12302	G17	R3511	D19
B3904	K6	C1611	E10	C3201	B5	F12502	E18	R3500	G3
	C	C1612	E11	C3202	D5	F12503	F16	R3805	L9
C1002	J3	C1701	J15	C3203	D5	F12701	J11	R3806	L8
C1005	J3	C1703	L15	C3204	C5	F12801	K12	R3906	J7
C1055	J3	C1705	L14	C3205	B5		L	R3907	J7
C1060	D8	C1706	K13	C3206	B5	L1301	D9	R4023	L8
C1061	D8	C1708	K13	C3207	B4	L1302	E10	R4101	G3
C1062	D8	C1709	K14	C3208	C4	L1303	D14	R501	G3
C1063	D8	C1710	K12	C3210	B3	L1304	B13	R511	H3
C1064	D8	C1711	L14	C3211	B5	L1601	E13	R512	I7
C1065	D8	C1714	L14	C3212	B3	L1701	L14	R706	K6
C1066	D8	C1715	K13	C3221	B4	L1702	L14	R801	K5
C1067	D8	C1716	K14	C3253	B4	L1703	K12	R802	K5
C1068	C9	C1718	L14	C3405	C9	L2301	J13	R803	J3
C1069	C9	C1801	J14	C3412	G8	L2302	F15	R804	J4
C1070	C7	C1905	C16	C3860	L8	L2304	F15	R805	G8
C1140	J8	C1906	C15	C3861	L8	L2305	J13	R806	F8
C1141	G3	C1916	F15	C3862	L8	L2308	F17	R807	G7
C1142	J8	C1917	C16	C3863	M8	L2310	F17	R808	G7
C1144	J8	C2301	G15	C3864	L8	L2311	J13	R809	I8
C1152	F8	C2302	H15	C3901	J7	L2501	J13	R817	K4
C1178	E8	C2303	I15	C3902	J8	L2504	E18	R818	J4
C1179	E8	C2305	G15	C3903	K8	L2505	J14	R822	K4
C1180	E8	C2307	G16	C3904	J8	L2507	E17		RT
C1181	E8	C2310	G15	C3905	K7	L2601	L11	RT2401	G15
C1182	E8	C2313	J13	C3906	K7	L2705	J10		SH
C1183	E8	C2314	G16	C3907	K7	L2706	J11	SH3801	I18
C1184	E8	C2315	G17	C3908	K7	L2707	L10		SW
C1301	F12	C2322	H17	C3913	K8	L2708	L9	SW3505	I20
C1302	E12	C2323	I17	C3914	K8	L2710	L10	SW3506	C20
C1303	C10	C2324	G17	C3917	K6	L2711	K11		U
C1306	D11	C2328	G16	C3918	K6	L2802	K13	U1301	D11
C1309	C13	C2335	I15	C3919	J8	L4009	M9	U1801	K14
C1310	E13	C2421	G15	C4043	M9	L4017	M8	U1901	E16
C1311	E14	C2506	E18	C4057	M9	L4024	N8	U1902	D18
C1312	C13	C2507	F18	C4060	N9		R	U2301	H14
C1314	B13	C2508	F17	C4061	N9	R1511	E11	U2302	H16
C1402	C9	C2510	E17	C4063	N9	R1513	E11	U2601	K10
C1403	B12	C2513	G16	C503	G7	R1514	E10	U2902	N15
C1404	B10	C2514	F16	C913	K5	R1517	C13	U3201	E5
C1405	B11	C2602	K11	C914	K5	R1518	E11	U501	H6
C1406	C9	C2603	J10	C915	J5	R1523	E14		VR
C1409	B12	C2605	L11	C922	K5	R1801	J14	VR3505	H19
C1410	B13	C2606	J10	C924	I3	R1806	K14	VR3508	C19
C1412	B12	C2610	L11	C925	J3	R1930	D17		Y
C1413	B12	C2611	L11	C926	I3	R1931	D18	Y1502	C14
C1415	D9	C2613	K11	C930	J3	R2302	G15		
C1416	B11	C2615	K11	C934	J5	R2306	G17		
C1417	B11	C2617	L10	C935	J5	R2322	I15		
C1418	D10	C2618	L10	C936	H3	R2406	G15		
C1419	D10	C2620	L11	C937	H3	R2711	K11		
C1501	D9	C2622	L9	C938	H3	R2802	L13		
C1504	D10	C2624	L10	C939	H7	R2804	K13		
C1505	B12	C2701	K11	C947	K5	R2906	M14		
C1506	B12	C2702	K11	C948	H3	R2907	M14		
C1508	C13	C2705	L9	C949	H3	R31304	F7		
C1509	B12	C2708	K11		D	R3212	C4		
C1602	E11	C2715	K11	D2901	N14	R3254	B4		
C1603	E12	C2805	K12	D3803	L8	R3404	G8		

RM-1089 & 1090 MB Placement - Bottom

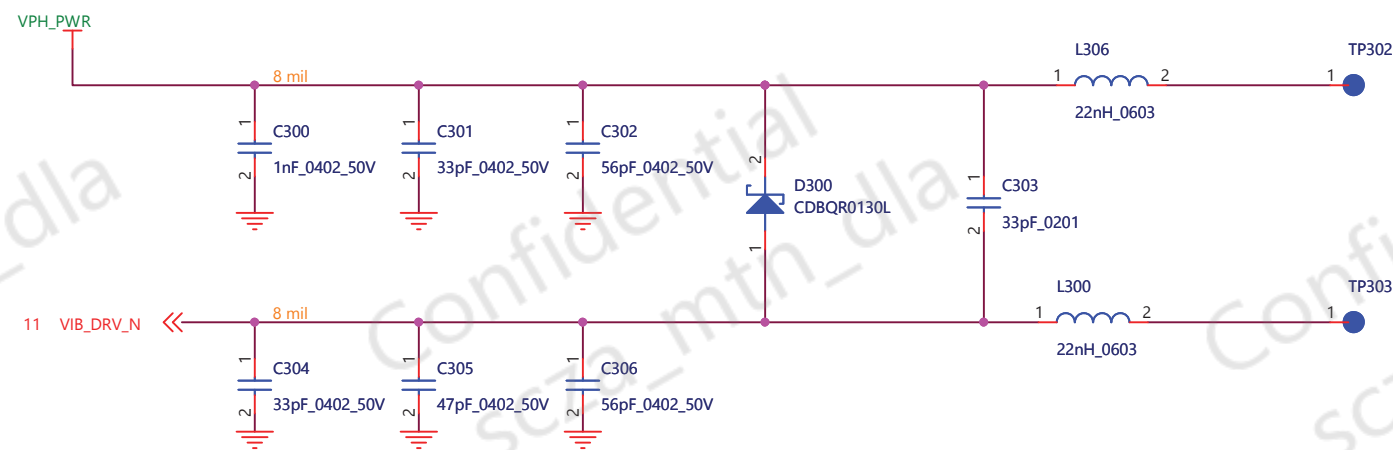
C		C3632	E8	R2810	K7
C1009	H7	C3703	C9	R3003	J12
C1012	I7	C3920	I7	R3410	H17
C1017	H6	C4053	M8	R3444	H18
C1123	G7	C4055	M8	R3445	J16
C1126	F7	C4058	L8	R3512	I8
C1127	G7	C4059	M8	R3514	G17
C1133	F7	C510	F6	R3515	G17
C1151	I6	C901	G8	R3516	C15
C1153	G7	C917	F7	R3614	F7
C1165	H7	C919	H7	R3615	D7
C1167	G7	C920	F8	R3616	D7
C1170	G6	C921	G8	R3618	E7
C1174	G7	C928	I7	R3619	E7
C1177	H6	C945	H8	R3620	E9
C1304	H7	C946	G8	R3621	D9
C1307	G7	D		R3622	E9
C1308	H7	D3300	I6	R3624	E9
C1608	C9	FJP		R3625	D8
C1909	E18	FJP1901	D19	R506	F8
C2801	J7	FL		SH	
C2803	K6	FL2802	J6	SH3802	J15
C2807	K7	J		SH3803	M10
C2811	K7	J1922	E18	SH3804	J4
C2901	E14	J3300	L15	SP	
C2902	E14	J3400	K17	SP3401	H14
C3010	K11	J3401	H11	SP3402	H13
C3011	K11	J3500	E16	U	
C3013	K11	J3601	G4	U2705	J5
C3301	K13	J3604	C11	U2801	J7
C3302	K13	J3605	C4	U2901	F14
C3303	K13	J3702	B8	U3000	L12
C3304	K13	J4000	M6	U3301	H16
C3312	H17	JP		U3402	G16
C3314	I16	JP2700	J4	U3503	F17
C3404	I8	JP3000	L9	U3602	F7
C3409	H8	L		U3603	E7
C3410	I8	L2701	J3	VR	
C3411	H8	L2703	J3	VR3510	C15
C3430	H18	L2712	K5	VR3701	D8
C3441	K16	L2808	J7	VR3702	D9
C3461	K16	L3300	H16	VR4002	L8
C3462	H18	L3301	M14	VR4003	M8
C3463	K16	L3302	M14		
C3464	H18	L3303	N14		
C3466	F17	L3402	I18		
C3467	G17	L3403	I18		
C3469	G17	L3404	F14		
C3470	G17	L3405	F13		
C3506	I8	L3406	F13		
C3507	G18	L3408	F16		
C3508	F18	L4019	L8		
C3533	I8	L4020	M8		
C3622	E7	PADS			
C3623	C7	PAD2701	K2		
C3624	D7	PAD2702	J2		
C3625	E7	R			
C3626	E7	R1516	D9		
C3627	D7	R1929	D18		
C3628	E9	R1934	D19		
C3629	D9	R2714	J6		
C3630	D9	R2803	J6		
C3631	E8	R2807	J6		

RM-1089 & 1090 Sub board Service schematic

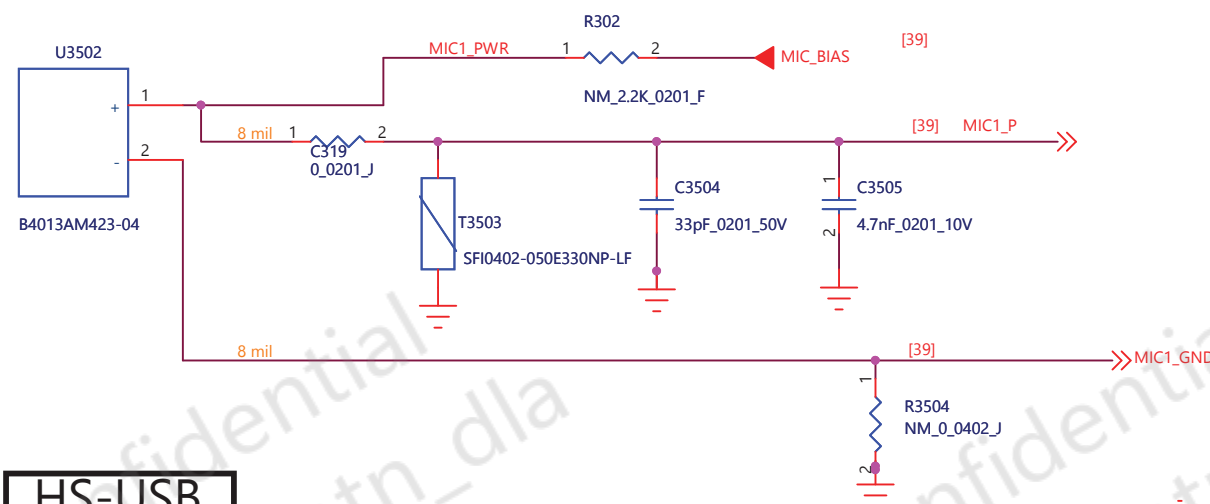
TO MB BTB



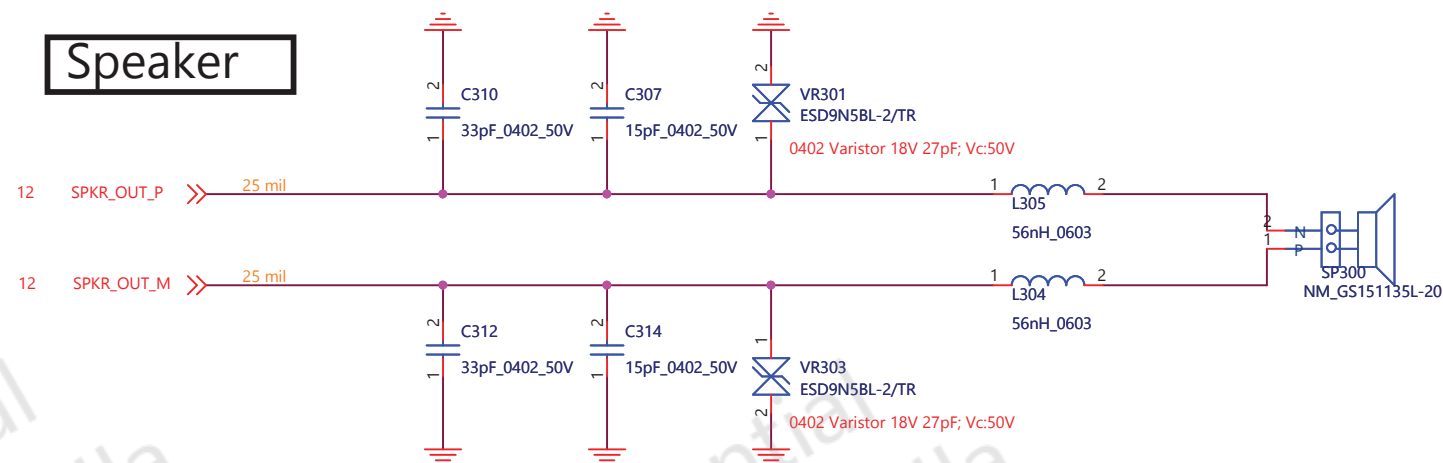
Vibrator



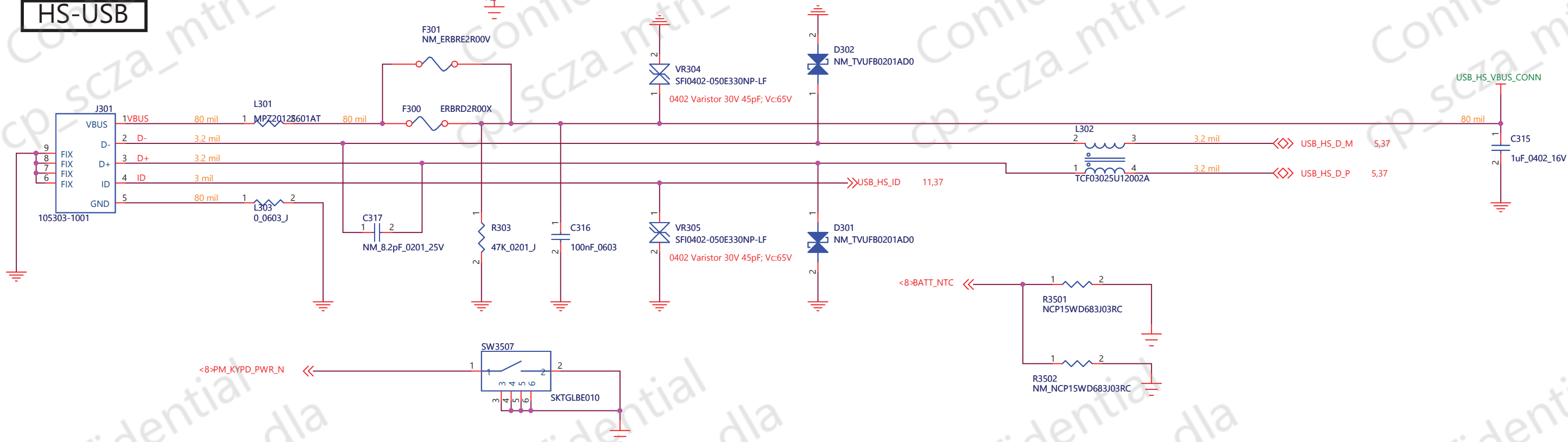
Primary Microphone

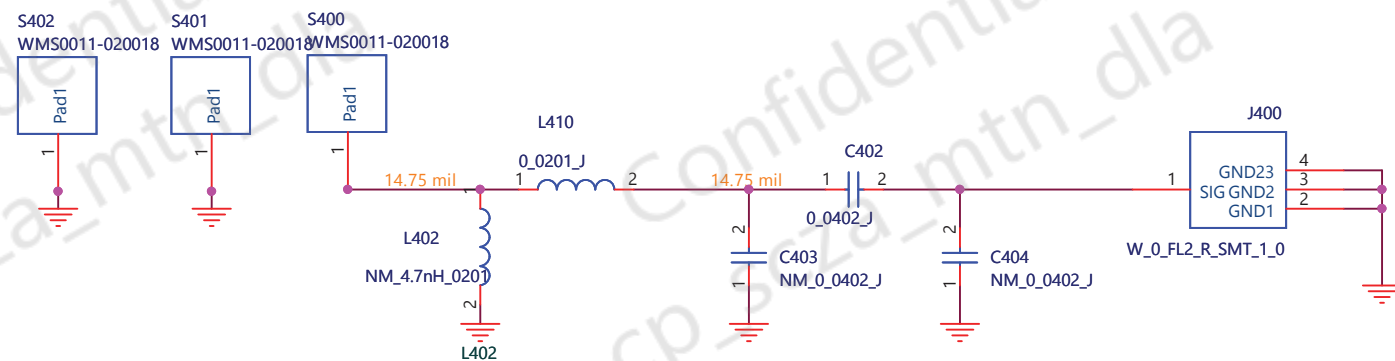


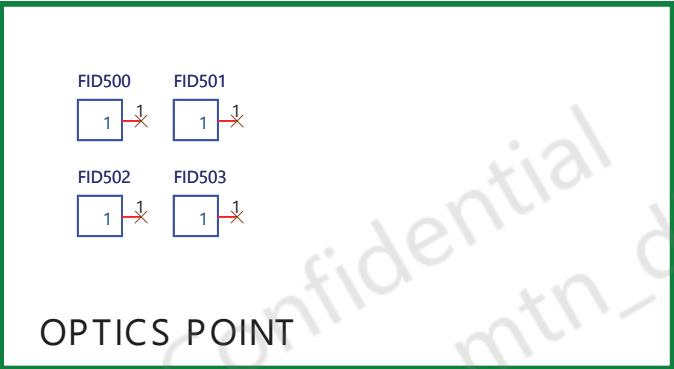
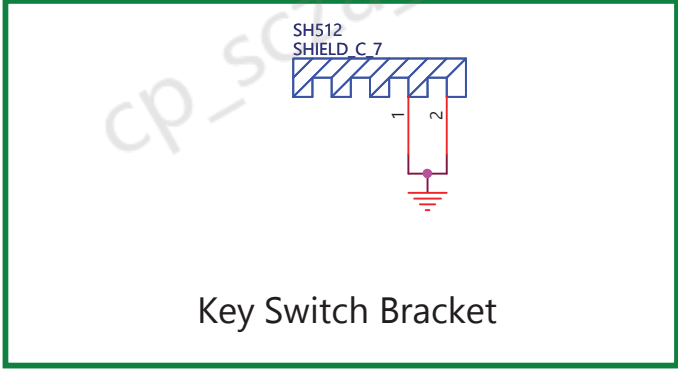
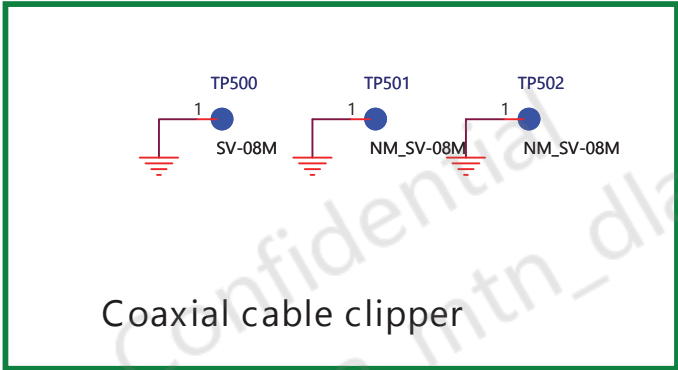
Speaker



HS-USB

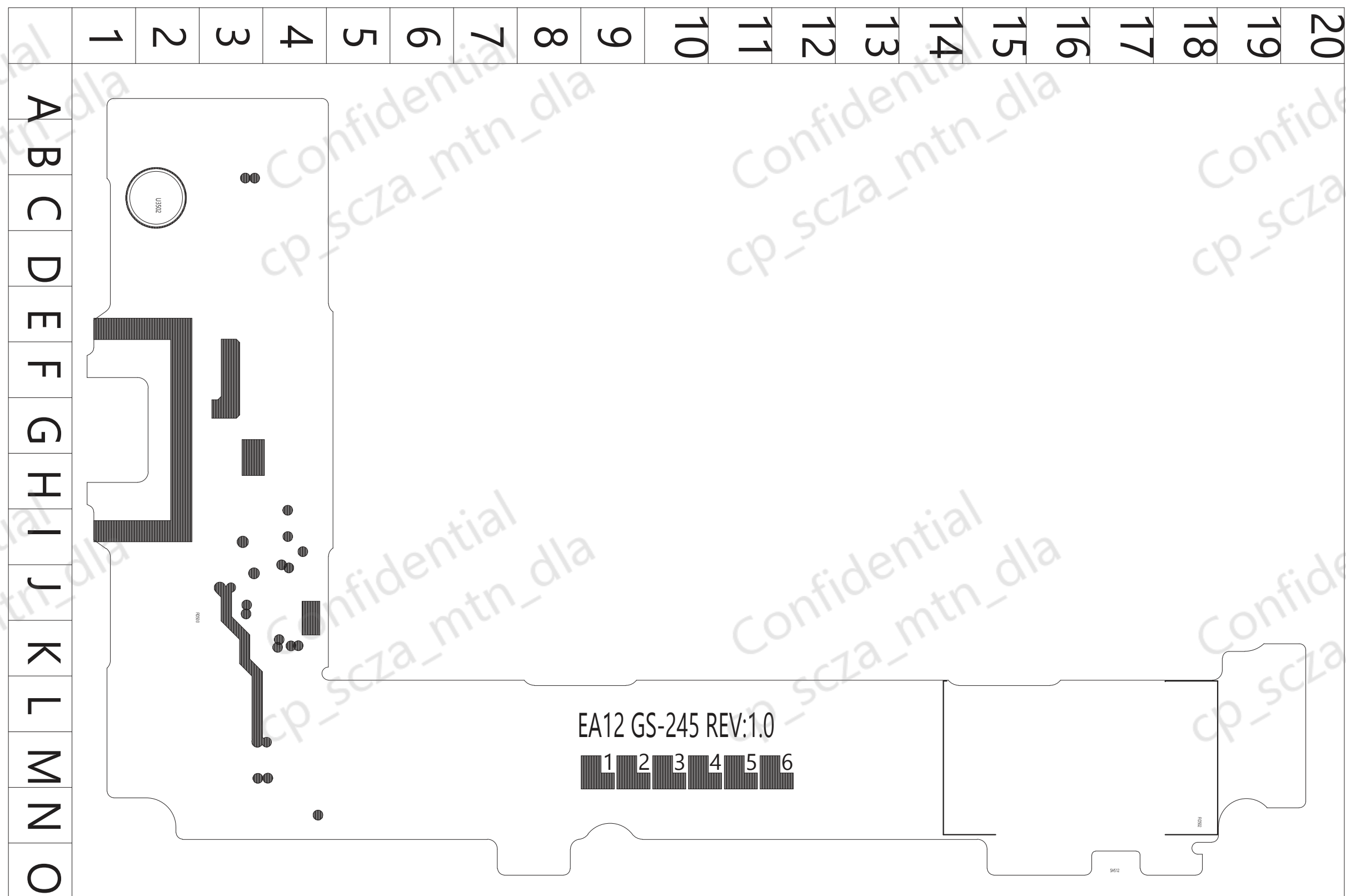






RM-1089 &1090 Sub board Placement - Top

MODLE NAME	EA12 GS-245 REV:1.0
LAYER	SILKSCREEN B(TOP)
DATE	



SH	
SH512	O17
U	
U3502	C2

RM-1089 & 1090 Sub board Placement - Bottom

C		R	
C300	D4	R303	F4
C301	D4	R3501	B19
C302	D4	S	
C303	D4	S400	E2
C304	D3	S401	F2
C305	D3	S402	E2
C306	D3	SW	
C307	C3	SW3507	B17
C310	C3	T	
C312	C4	T3503	F4
C314	C4	TP	
C315	F4	TP500	A8
C316	E4	VR	
C319	G4	VR301	C3
C3504	F4	VR303	C4
C3505	F4	VR304	E4
C402	E3	VR305	F3
D			
D300	D4		
F			
F300	F4		
J			
J301	I2		
J3501	D19		
J400	B3		
L			
L300	E4		
L301	G3		
L302	E3		
L303	K3		
L304	F3		
L305	F3		
L306	D4		
L410	E2		