

Service Schematics

NOKIA N97 mini

RM-555



IMPORTANT

This document is intended for use by authorized Nokia 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.

If you find any errors in the document please send email to: TrainingAndVendorDevelopment@nokia.com

Version history

1.0	First Approved version
2.0	R5272 added

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Measurements

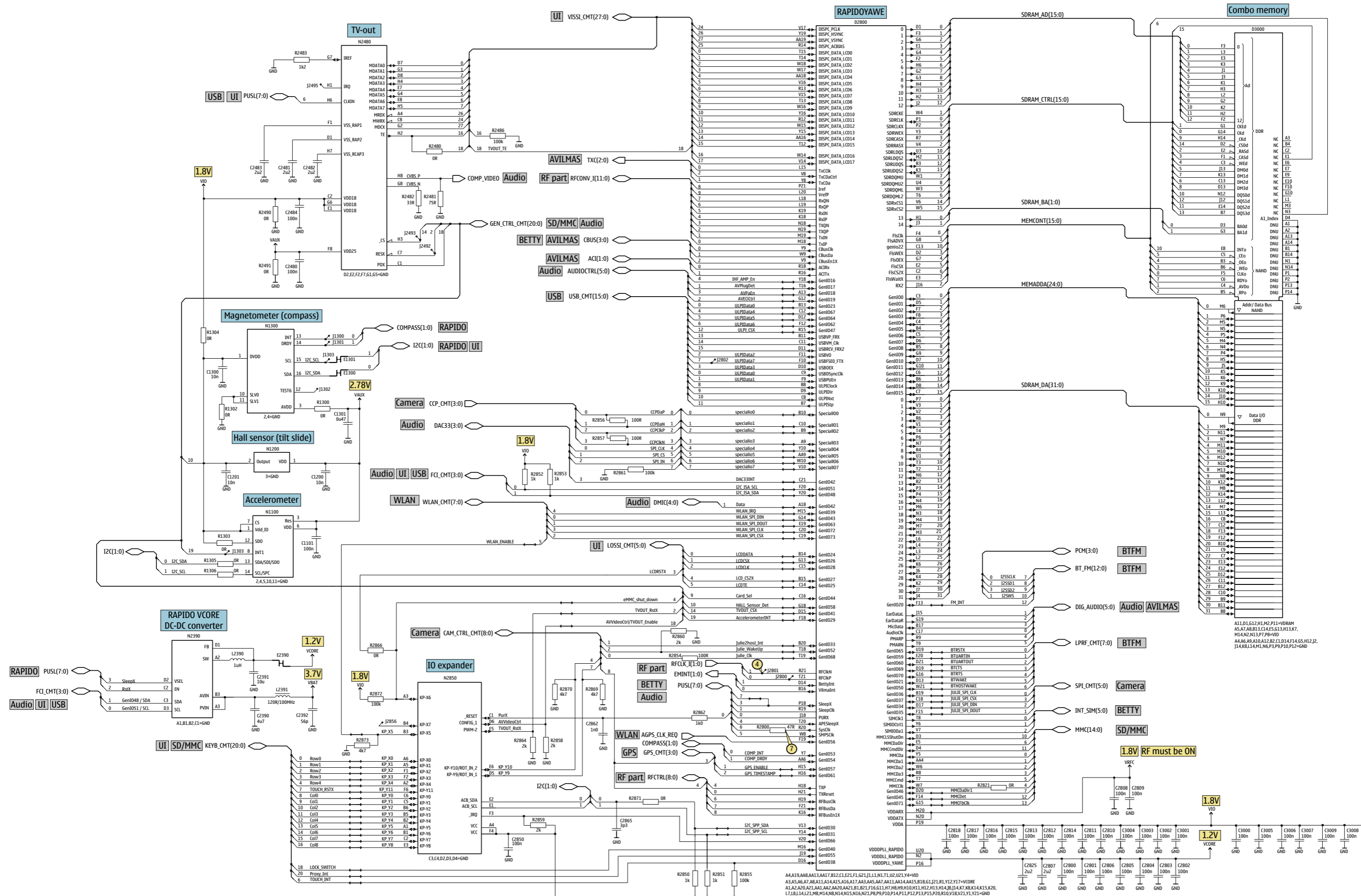
All measurements were made using the following equipment:

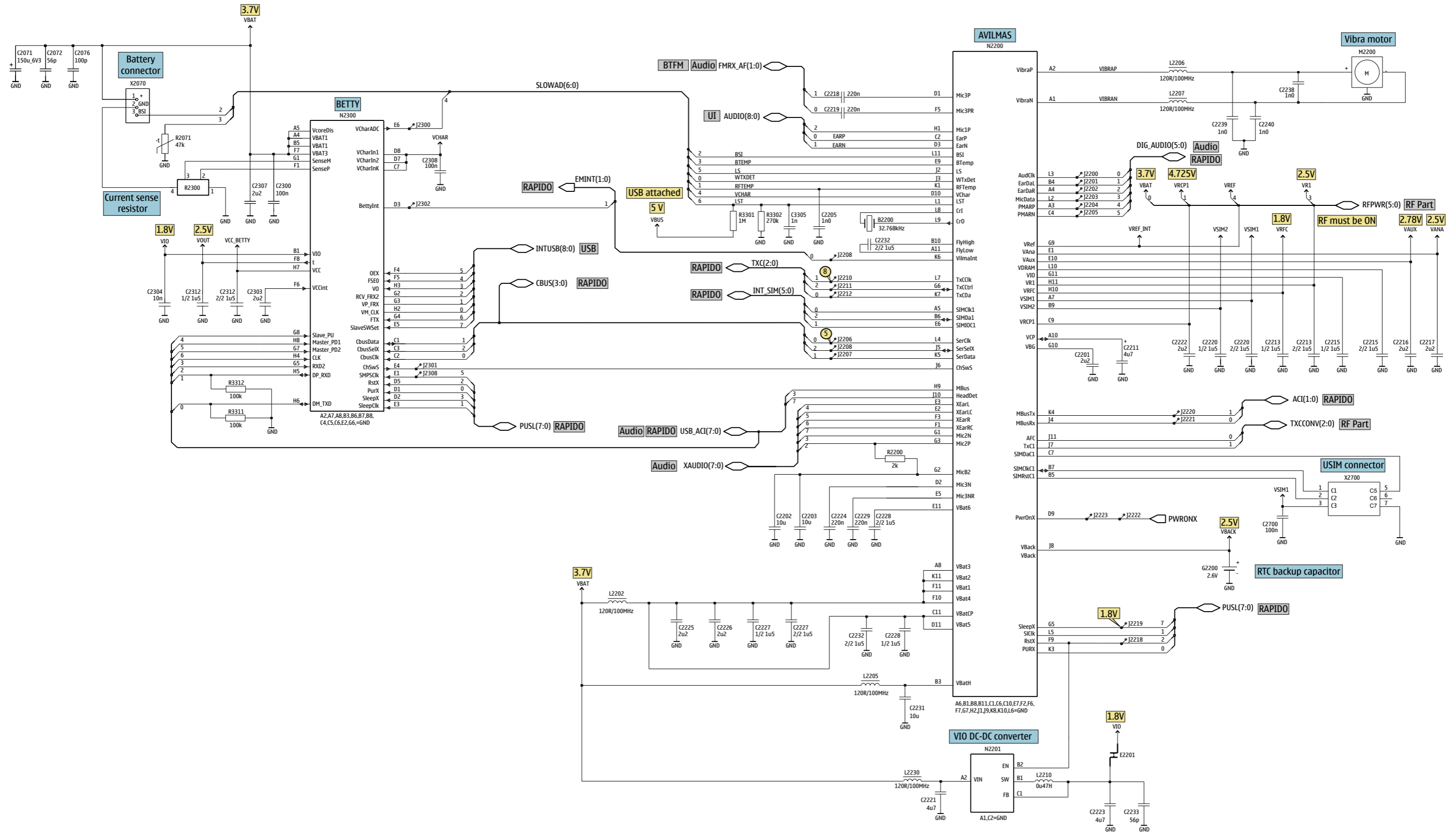
Nokia repair SW	: Phoenix 2009.20.011.39237
Oscilloscope	: PicoScope 3206
Spectrum Analyzer	: Advantest R3162
Multimeter	: Fluke 175

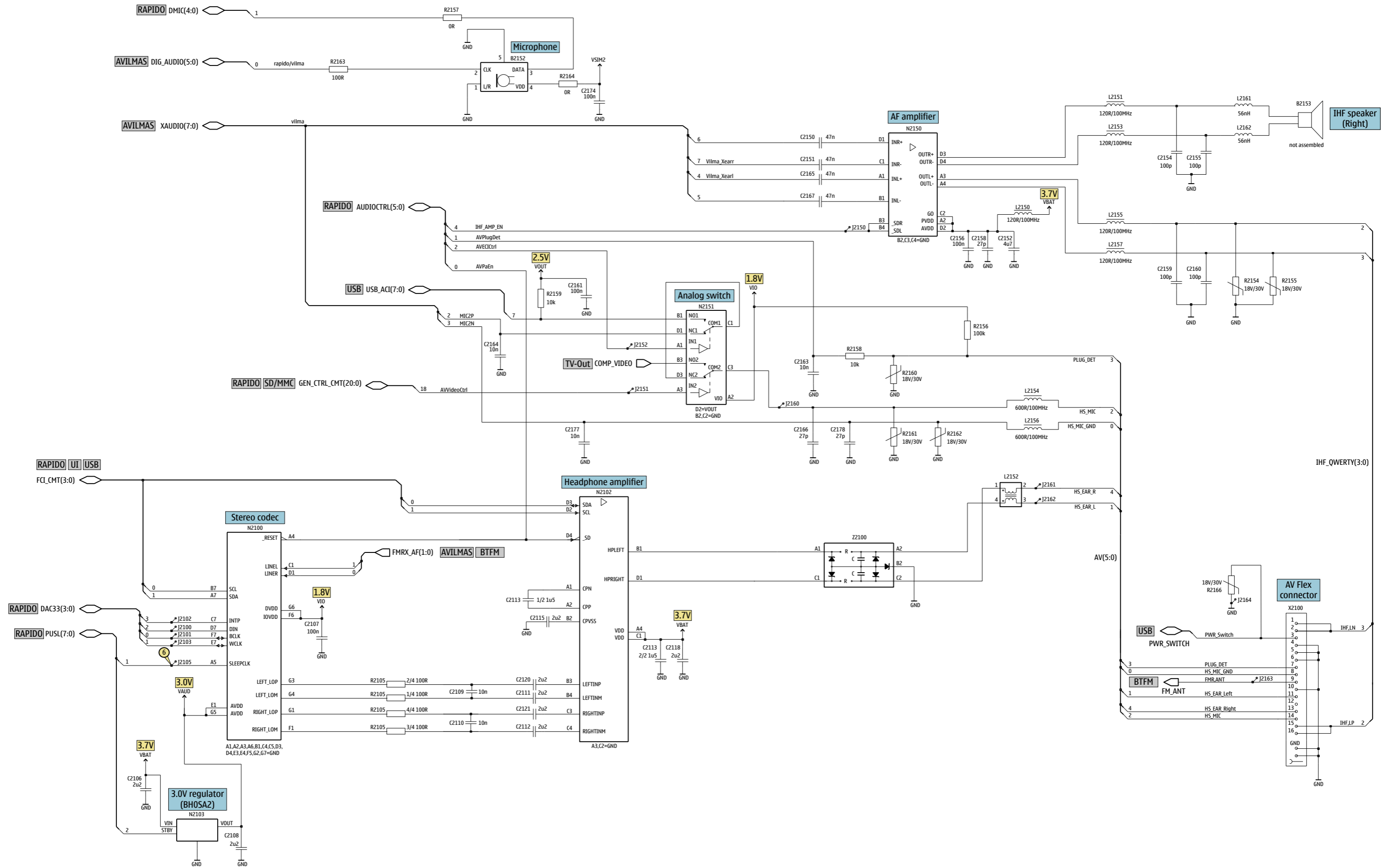
The measurement points in the schematics are linked to the oscillograms on the signal overview page. The links cycle between the measurement point in the schematics, the oscillogram and the measurement point in the component finder.

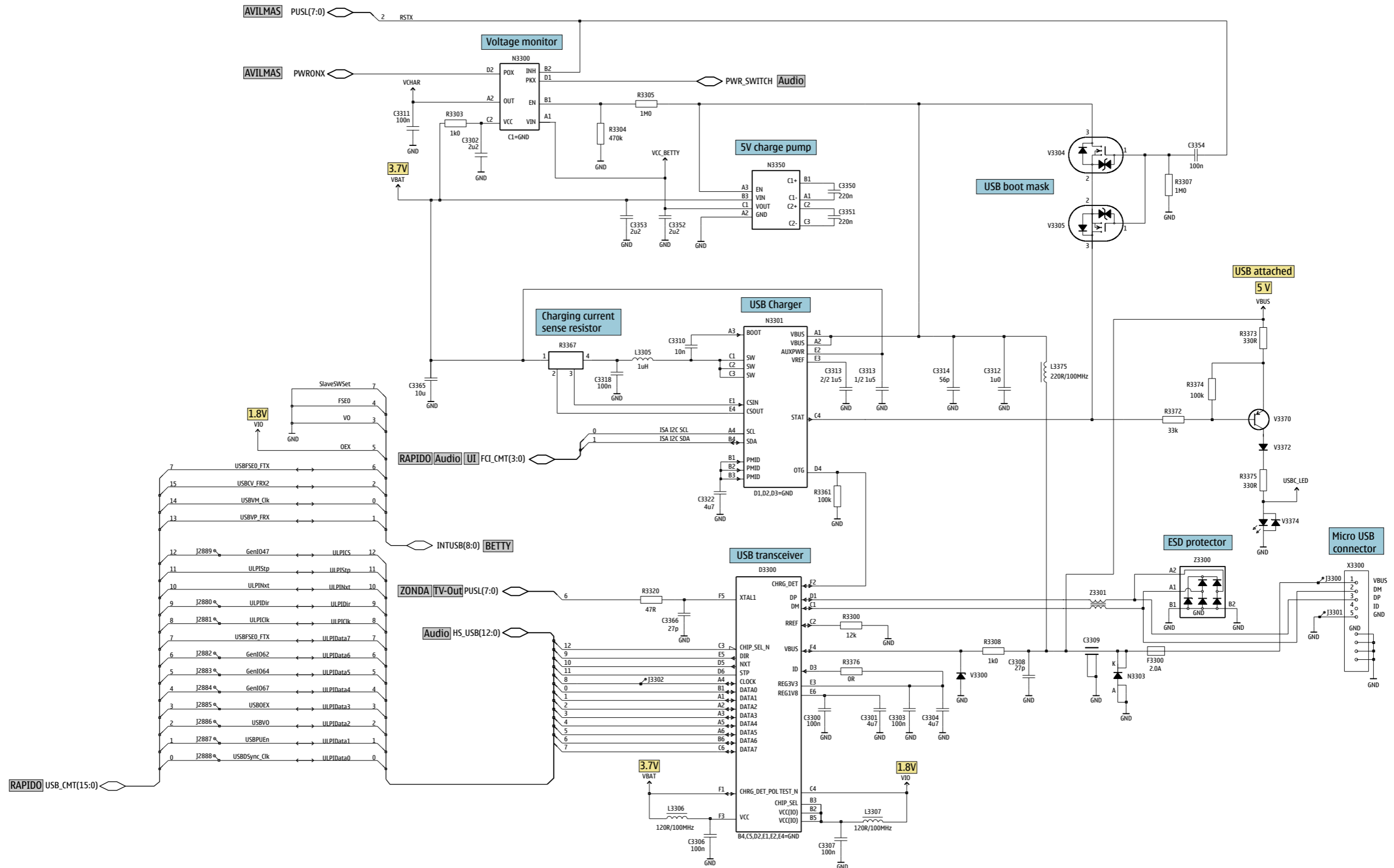
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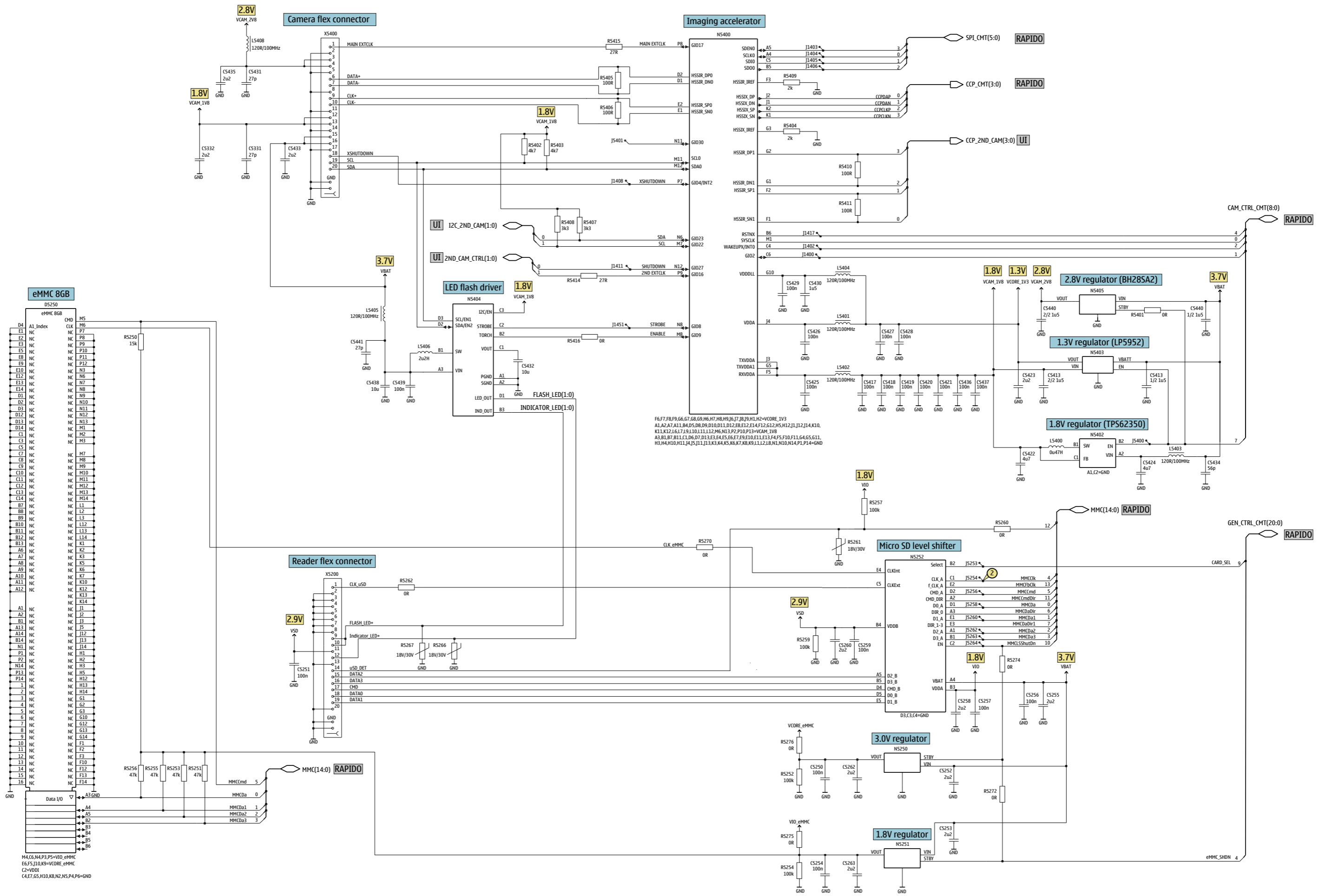
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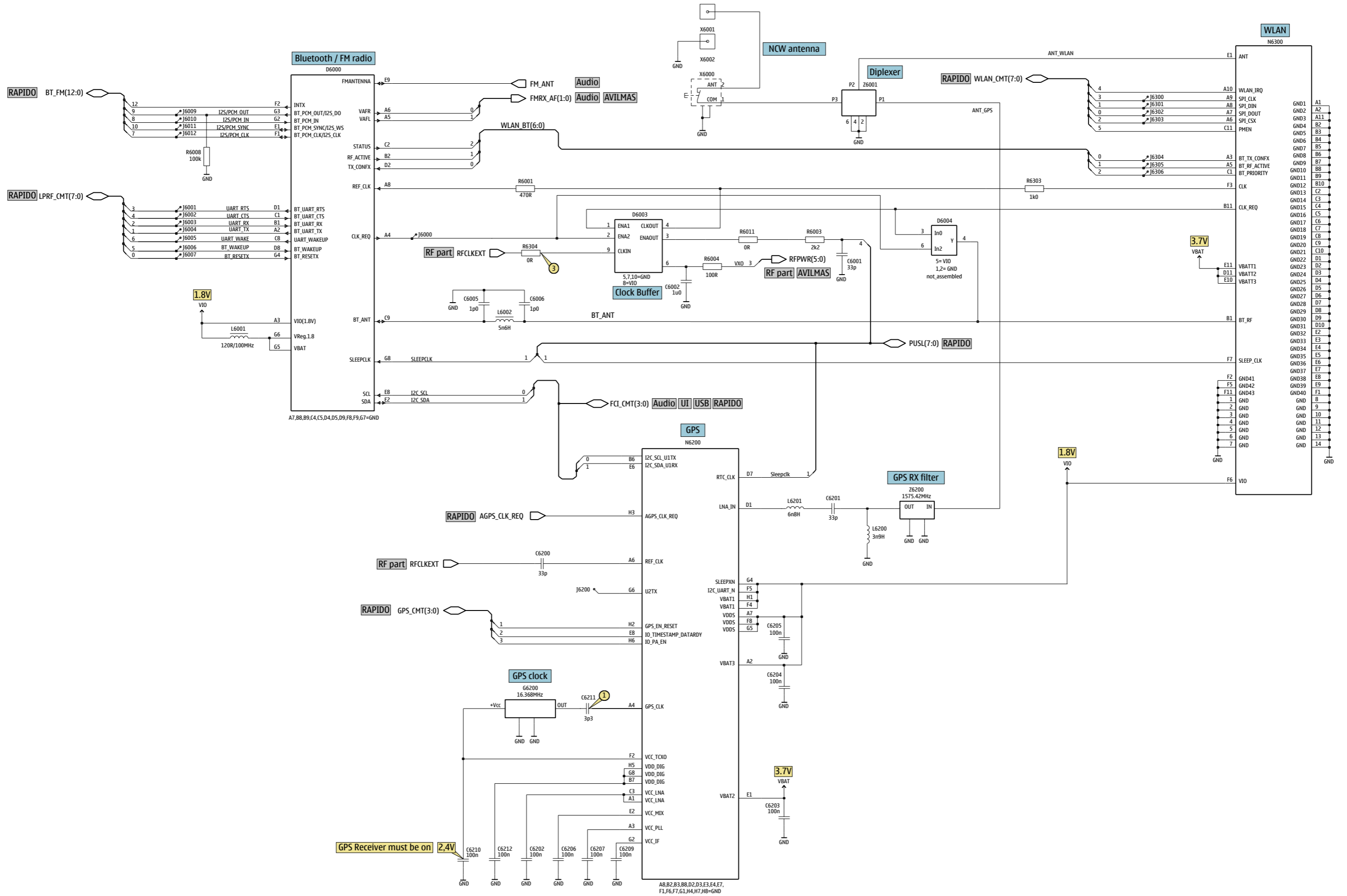


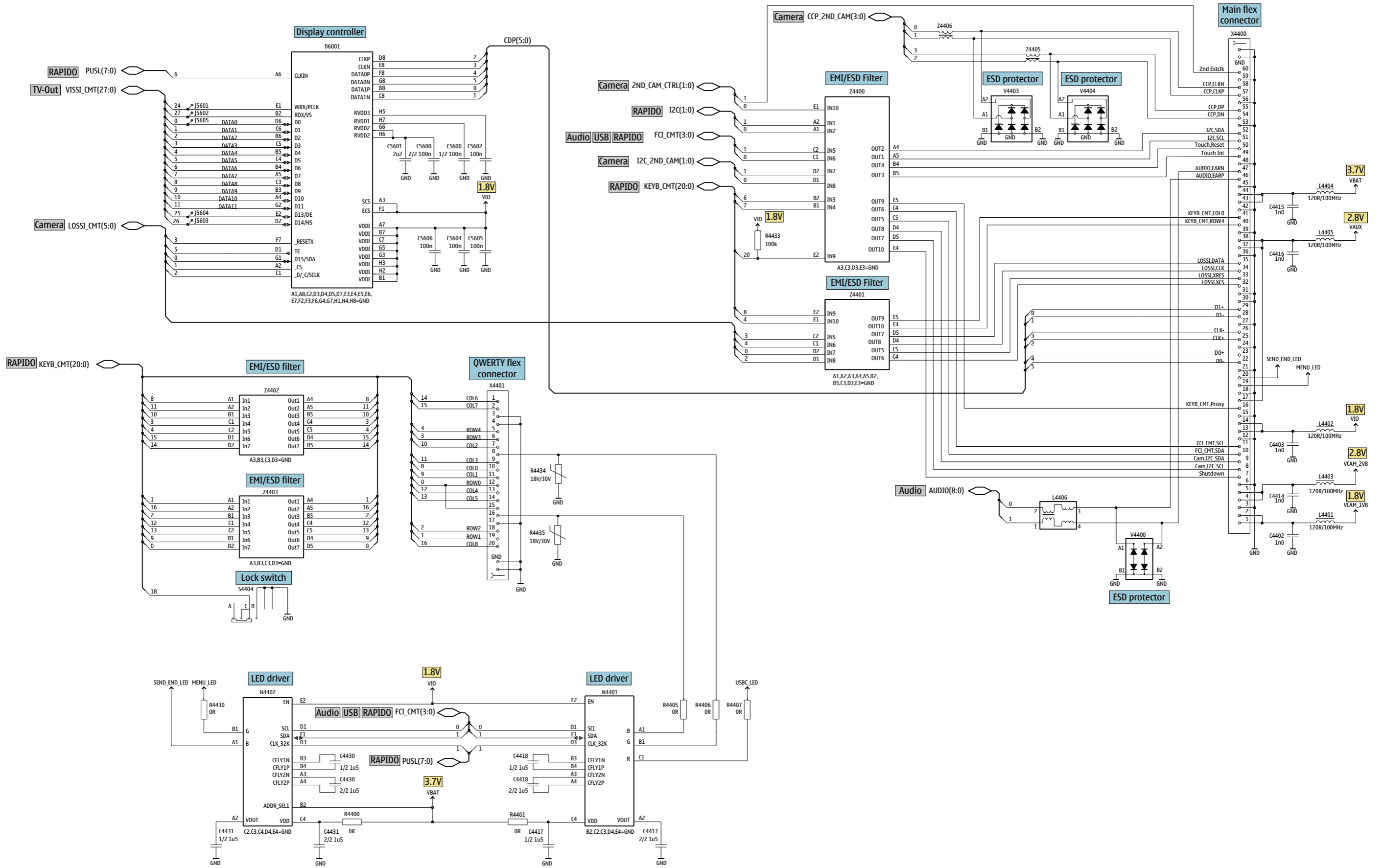


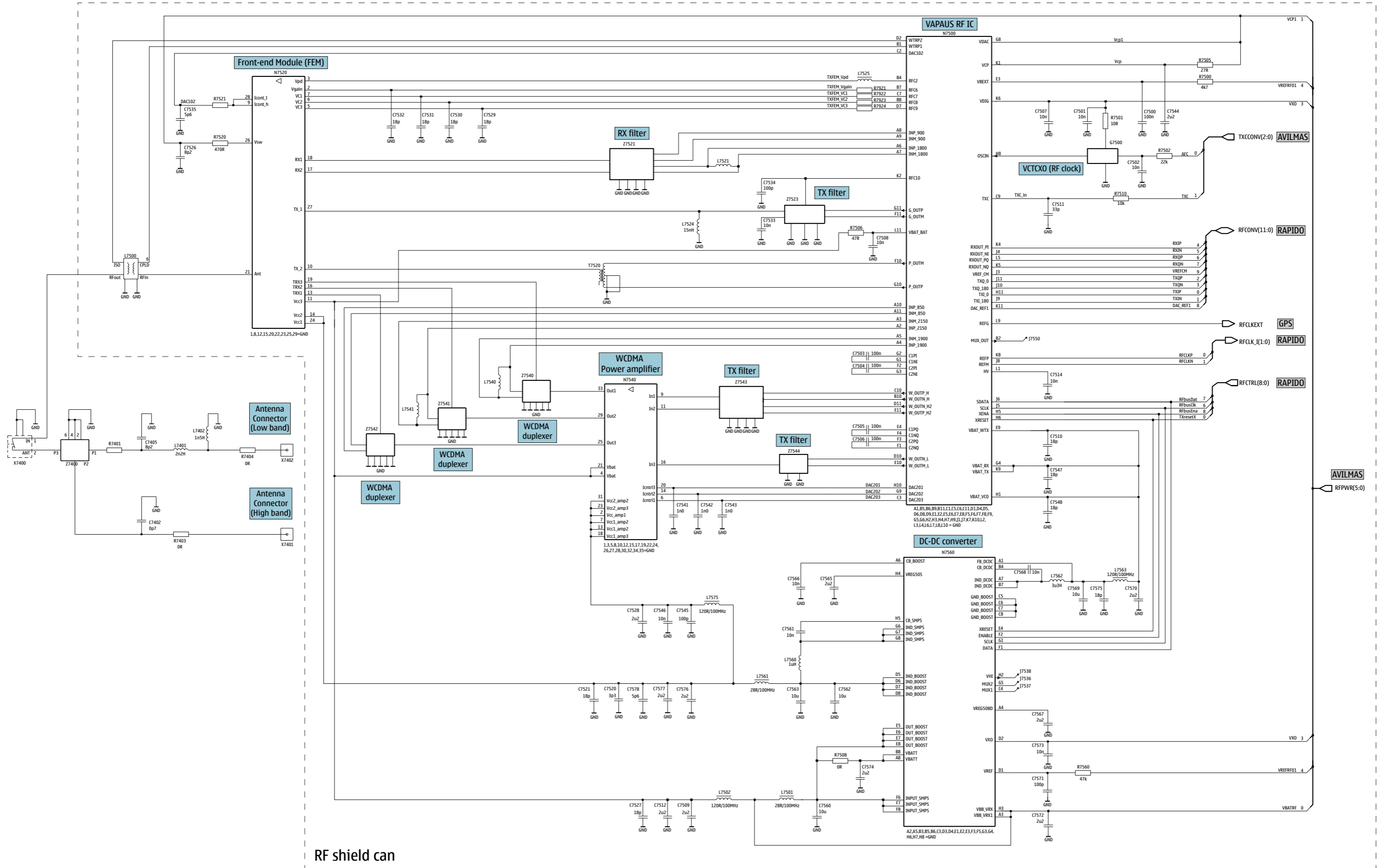




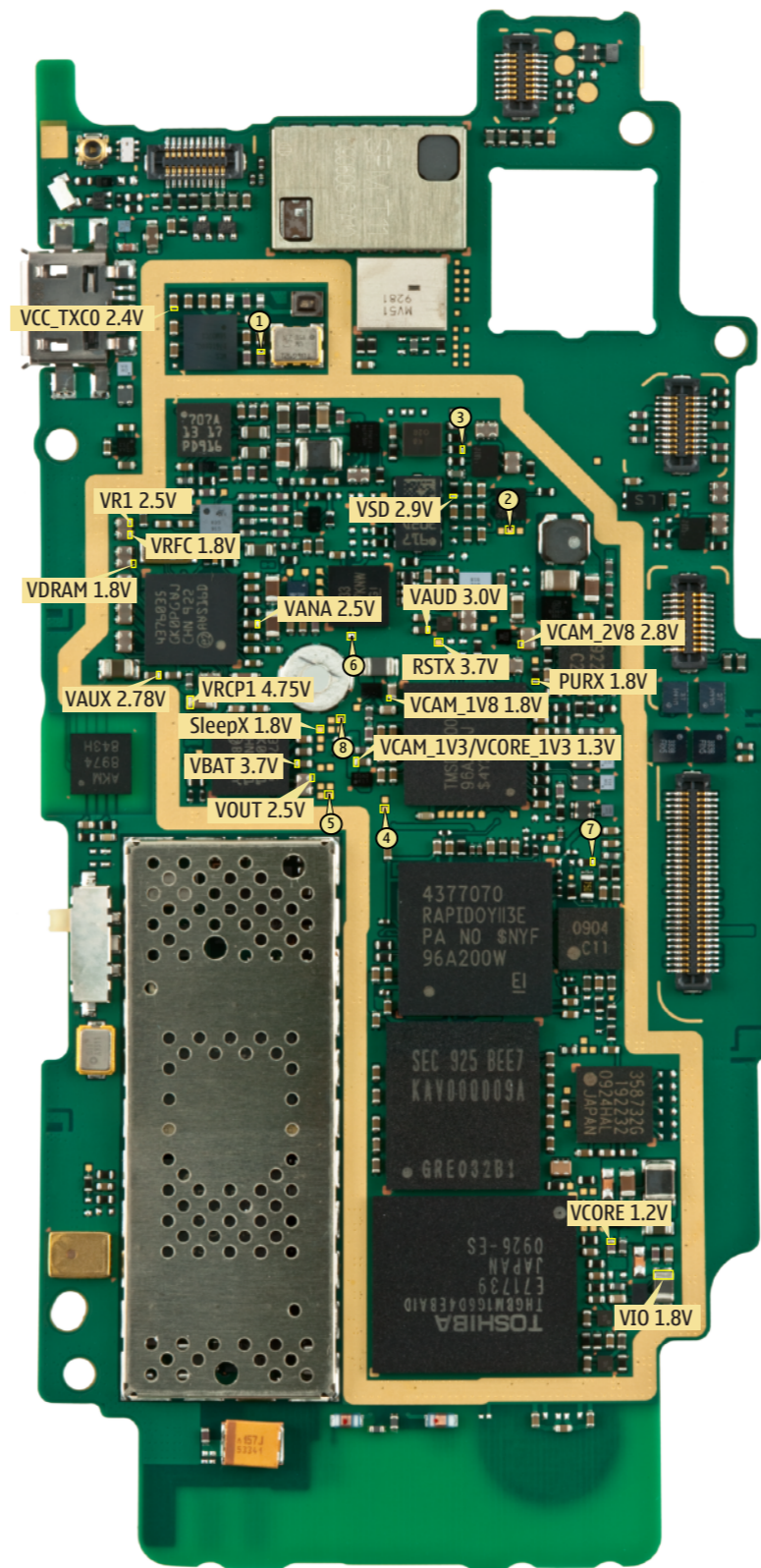
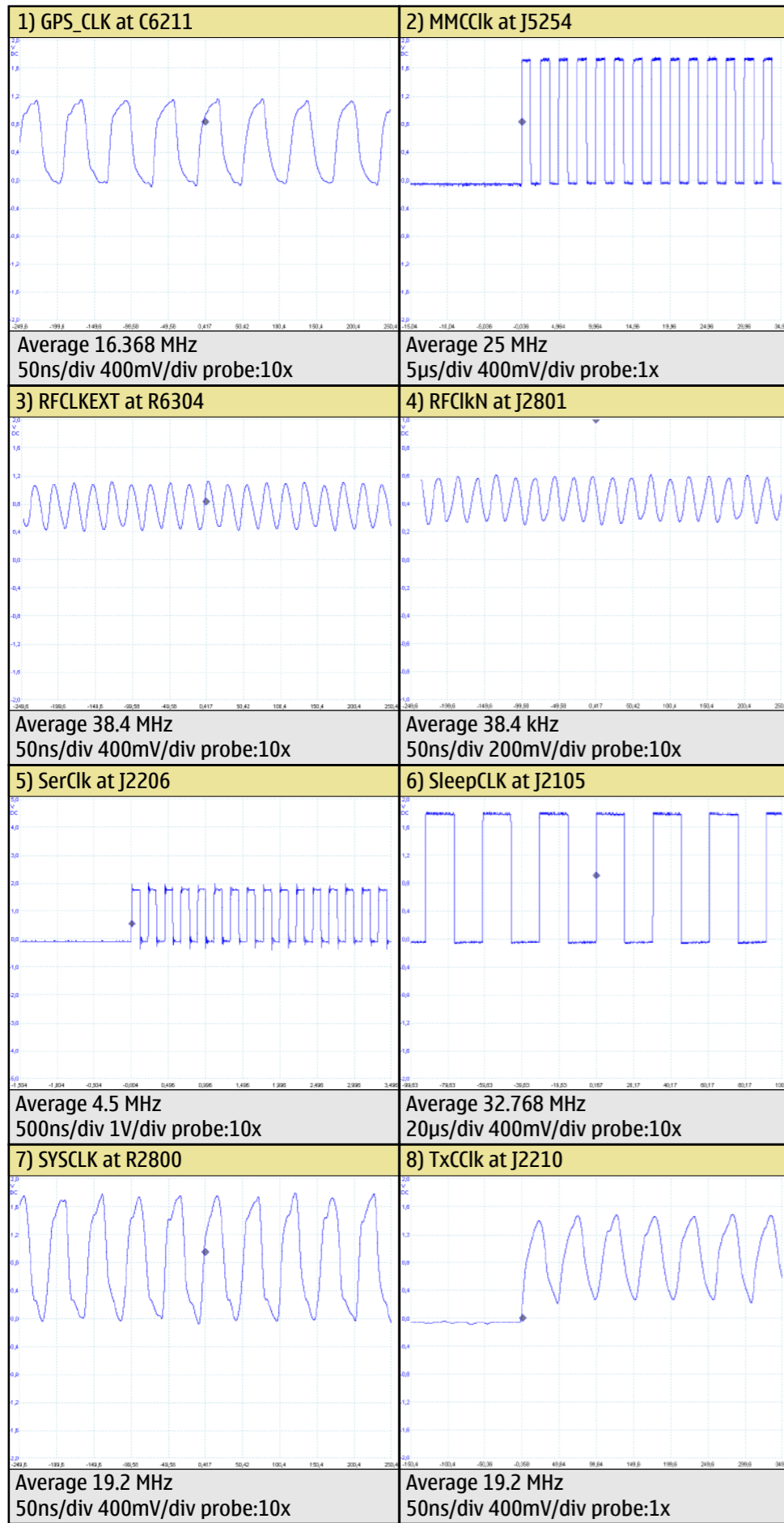


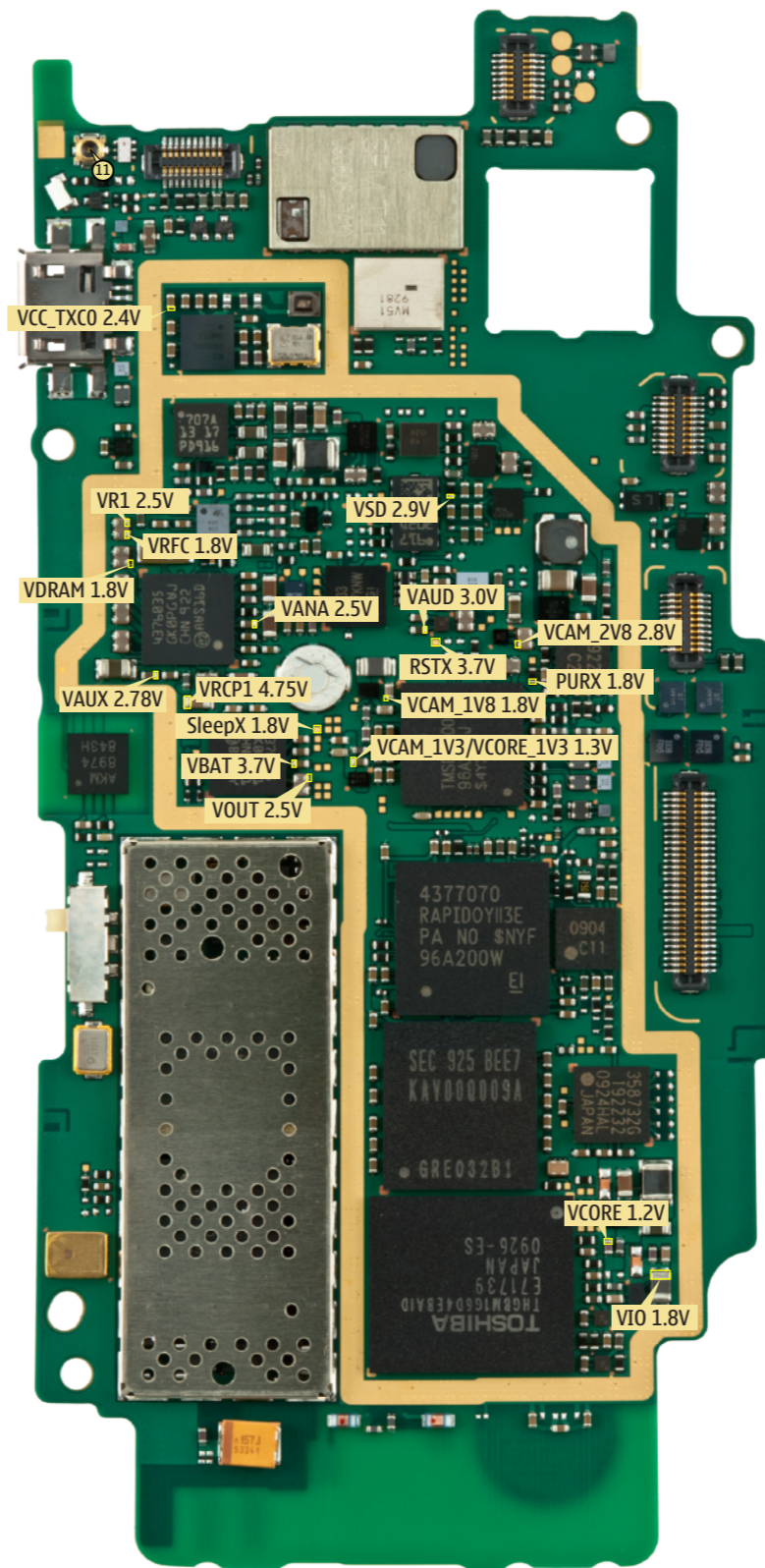
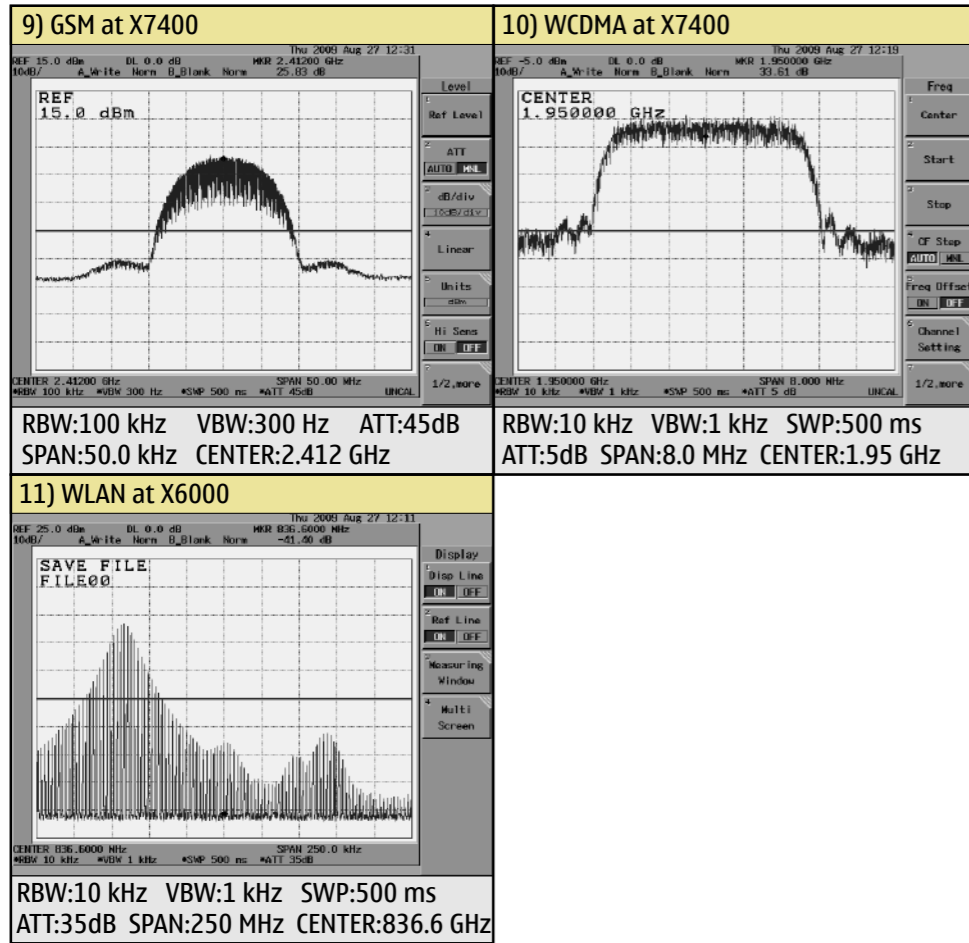






RF shield can





A	C2227	D15	C3306	D17	C5436	G13	C7548	E12	L4405	L13	N7520	E7	R3361	G17	R7508	E5			
A2060	F19	C2228	D15	C3307	E17	C5437	I12	C7560	D5	L4406	J12	N7540	E9	R3367	F17	R7510	D11		
A7500	E8	C2229	E14	C3308	E16	C5438	J15	C7561	E5	L5400	G14	N7560	E5	R3372	D20	R7520	D7		
B	C2231	E14	C3309	D20	C5439	J15	C7562	D6	L5401	I14	R	R3373	D20	R7521	F10				
B2152	C6	C2232	D14	C3310	F17	C5440	I14	C7563	E6	L5402	I13	R1300	C12	R3374	D20	R7560	E6		
B2200	D16	C2233	J6	C3311	F16	C5441	J15	C7565	E5	L5403	G14	R1302	E13	R3375	C21	R7921	E10		
C	C2238	I4	C3312	F17	C5600	I8	C7566	F5	L5404	G13	R1303	G16	R3376	E17	R7922	E10			
C1101	H16	C2239	J4	C3313	G17	C5601	J8	C7567	F5	L5405	J15	R1304	C12	R4400	K16	R7923	E10		
C1200	J17	C2240	I4	C3314	F17	C5602	J8	C7568	F5	L5406	I16	R1305	G16	R4401	I17	R7924	E10		
C1201	K16	C2300	E14	C3318	F17	C5604	J9	C7569	F6	L5408	J17	R1306	G16	R4407	H17	S			
C1300	C12	C2303	F13	C3322	F17	C5605	J8	C7570	F11	L6001	G18	R2071	I9	R4423	H17	S4404	C11		
C1301	C12	C2304	E14	C3350	D17	C5606	I8	C7571	E6	L6002	E21	R2105	G15	R4430	K16	T			
C2071	E4	C2307	F13	C3351	C17	C6001	H17	C7572	D5	L6200	E19	R2154	H21	R4433	J14	T7520	D10		
C2072	E4	C2308	F13	C3352	F16	C6002	G17	C7573	E6	L6201	E19	R2155	I21	R4434	K14	V			
C2076	D5	C2312	F13	C3353	D17	C6005	E21	C7574	F5	L7401	E4	R2156	I21	R4435	L14	V3300	E17		
C2106	G15	C2390	K7	C3354	D20	C6006	E21	C7575	F10	L7402	E4	R2157	C7	R5250	I7	V3304	E20		
C2107	F16	C2391	J7	C3365	F17	C6200	E18	C7576	D6	L7500	F7	R2158	I21	R5251	J7	V3305	E20		
C2108	G15	C2392	J7	C3366	E17	C6201	E19	C7577	D7	L7501	D5	R2159	F16	R5252	J5	V3370	C20		
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C2110	H15	C2481	J10	C4403	J12	C6203	E19	D	L7521	F10	R2163	C7	R5254	J6	V3374	C20			
C2111	H15	C2482	J11	C4414	J13	C6204	E18	D2800	H11	L7524	D10	R2164	C7	R5255	J7	V4400	J12		
C2112	H15	C2483	J10	C4415	J12	C6205	D19	D3000	H8	L7525	F10	R2166	I21	R5256	J7	V4403	J13		
C2113	H15	C2484	J10	C4416	J13	C6206	E19	D3300	E17	L7540	E8	R2200	E15	R5257	E20	V4404	J13		
C2115	I15	C2700	G18	C4417	I17	C6207	E18	D5250	H6	L7541	F8	R2300	D5	R5259	H16	X			
C2118	I15	C2800	G10	C4418	H17	C6209	D19	D6000	G19	L7560	D5	R2480	J10	R5260	D20	X2060	C20		
C2120	H15	C2801	G10	C4430	K16	C6210	D19	D6001	J8	L7561	D6	R2481	J11	R5261	E20	X2070	E6		
C2121	H15	C2802	I10	C4431	K16	C6211	E18	D6003	G17	L7562	F5	R2482	I11	R5262	D20	X2100	I22		
C2150	D16	C2803	G10	C5250	J5	C6212	D18	E	L7563	F10	R2483	J11	R5266	E20	X2700	F19			
C2151	D16	C2804	I12	C5251	E20	C7402	E4	E2060	F14	L7575	D9	R2486	J9	R5267	E20	X3300	C19		
C2152	E16	C2805	G10	C5252	J5	C7405	E4	E2061	I22	M	R2490	J10	R5270	I16	X4400	K11			
C2154	F16	C2806	H12	C5253	J6	C7500	F11	F	M2200	I4	R2491	J11	R5272	J6	X4401	K15			
C2155	F16	C2807	I12	C5254	J6	C7501	D12	F3300	D20	N	R2800	J12	R5274	J5	X5200	E21			
C2156	E16	C2808	H12	C5255	H16	C7502	D11	G	N1100	G16	R2850	I11	R5275	J6	X5400	K17			
C2158	E16	C2809	H12	C5256	H16	C7503	F11	G2200	C9	N1200	J16	R2851	I11	R5276	J5	X6000	C21		
C2159	F16	C2810	I12	C5257	H16	C7504	F11	G6200	F18	N1300	C13	R2852	H12	R5401	H14	X6001	C22		
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C2166	F15	C2816	I12	C5263	J6	C7510	E11	L2153	E16	N2200	D15	R2858	J15	R5407	I14	Z			
C2167	D16	C2817	G11	C5331	K17	C7511	D11	L2154	I22	N2201	J6	R2859	J14	R5408	I13	Z2100	J22		
C2174	C7	C2818	H12	C5332	K17	C7512	F9	L2155	E16	N2300	E13	R2860	I12	R5409	I13	Z3300	D18		
C2177	E15	C2825	I12	C5413	I14	C7514	E12	L2156	I22	N2390	J7	R2861	I10	R5410	I13	Z3301	D18		
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