

Service Schematics

NOKIA

N78

RM-235 RM-342

Introduction

IMPORTANT:

This document is intended for use by authorised NOKIA service centers only.

"Service Schematics" was created with focus on customer care.

The purpose of this document is to provide further technical repair information for NOKIA mobile phones on Level 3/4 service activities.

It contains additional information such as e.g. "Component finder".

Saving process time and improving the repair quality is the aim of this document.

It is to be used additionally to the service manual and other training or service information such as Service Bulletins.

If printing this document it is best to print on A3 paper and in colour.

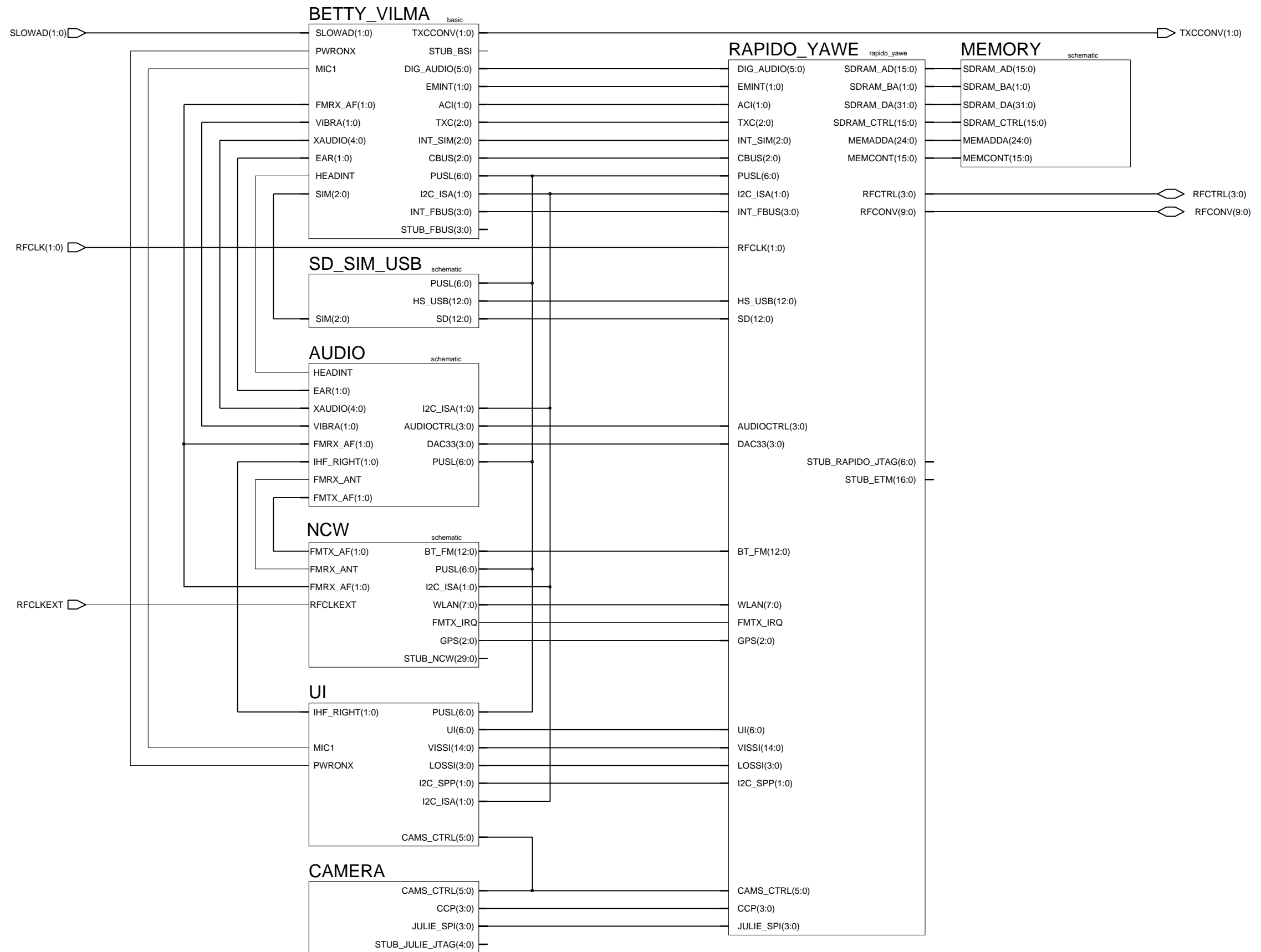
While ever endeavor has been made to ensure the accuracy of this document, some errors may exist. If the reader finds any errors, NOKIA shall be notified in writing.



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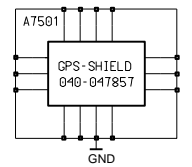
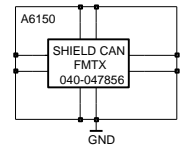
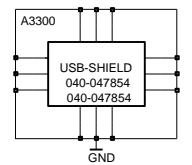
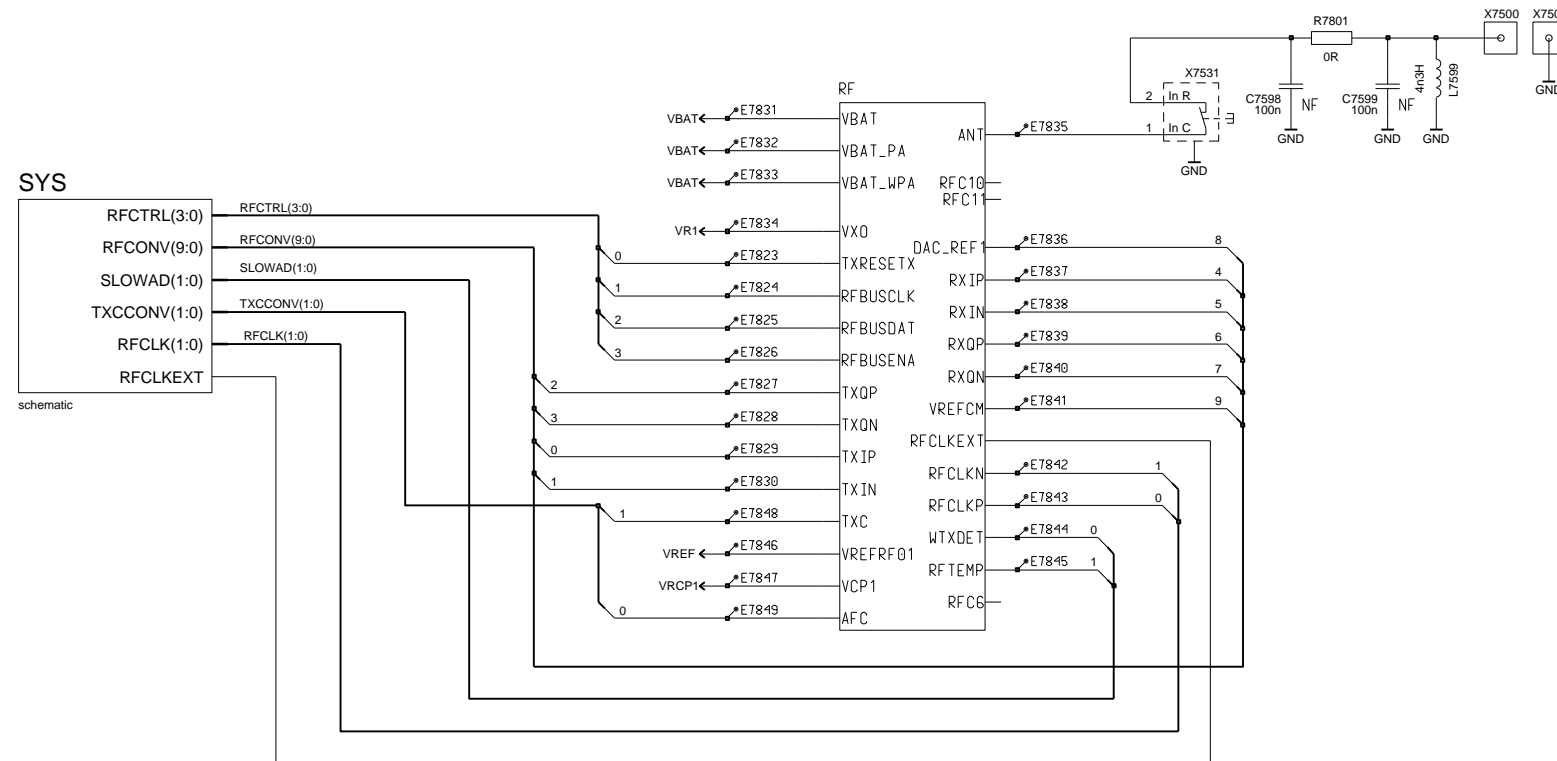
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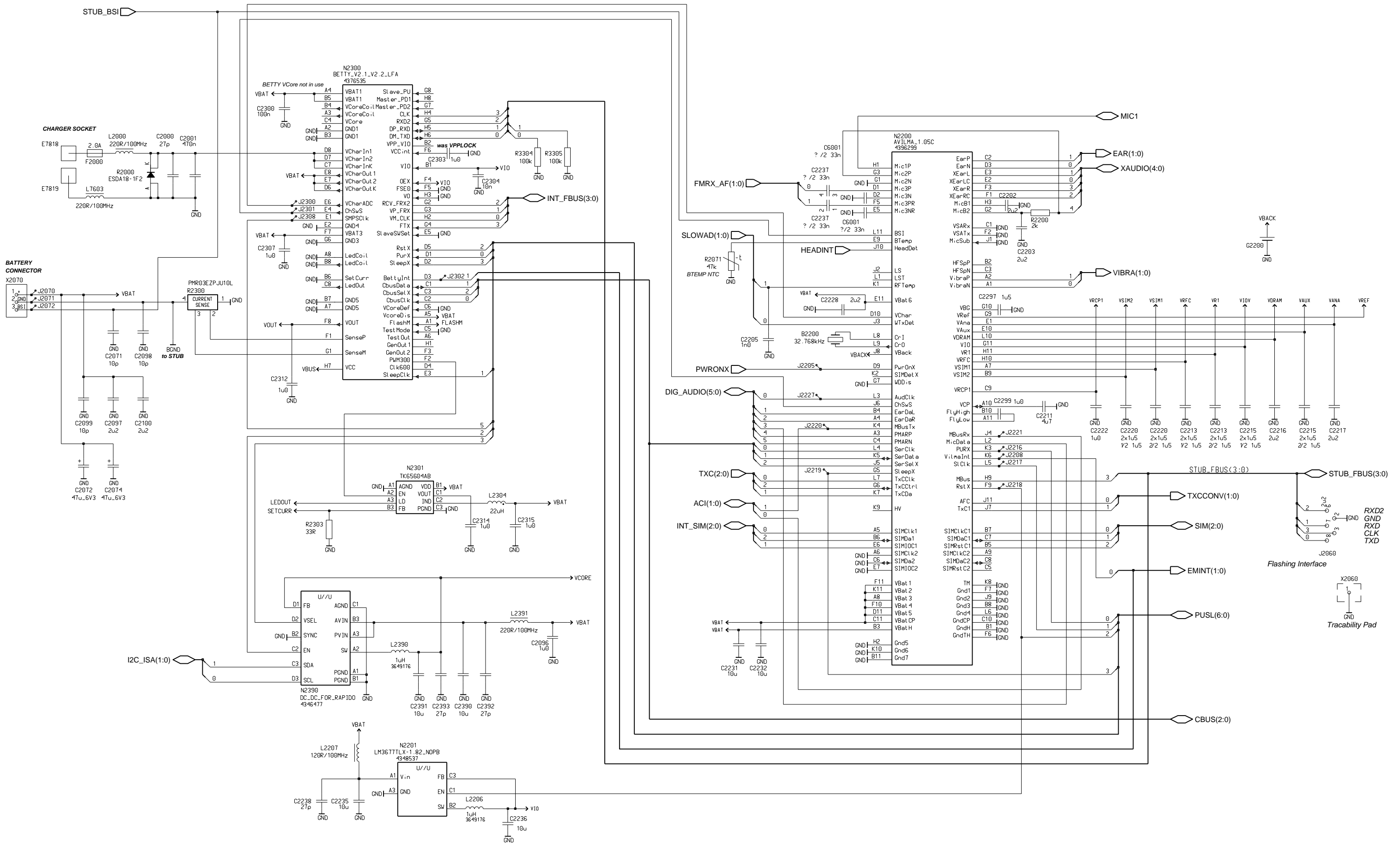


Top Level

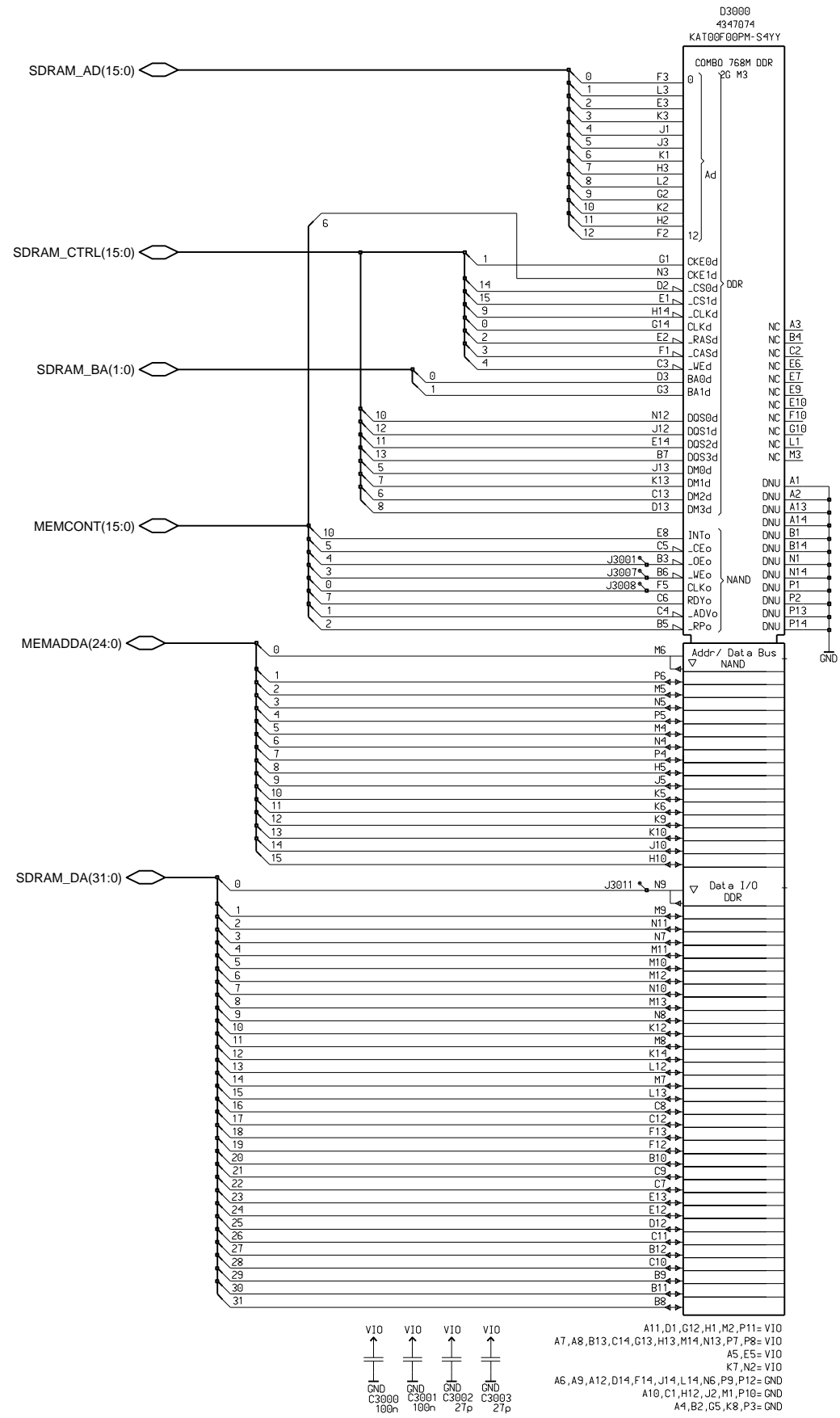
Merlin Engine



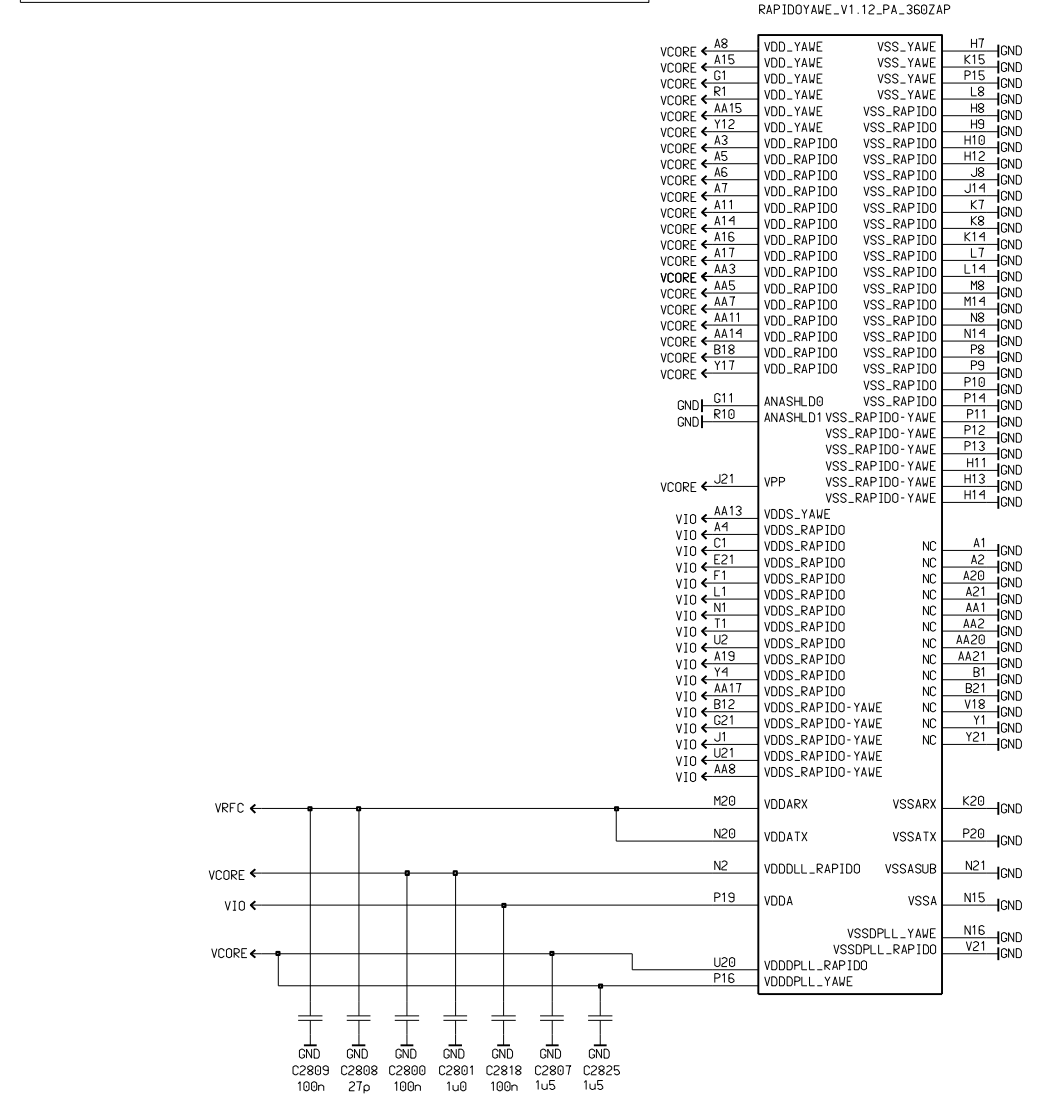
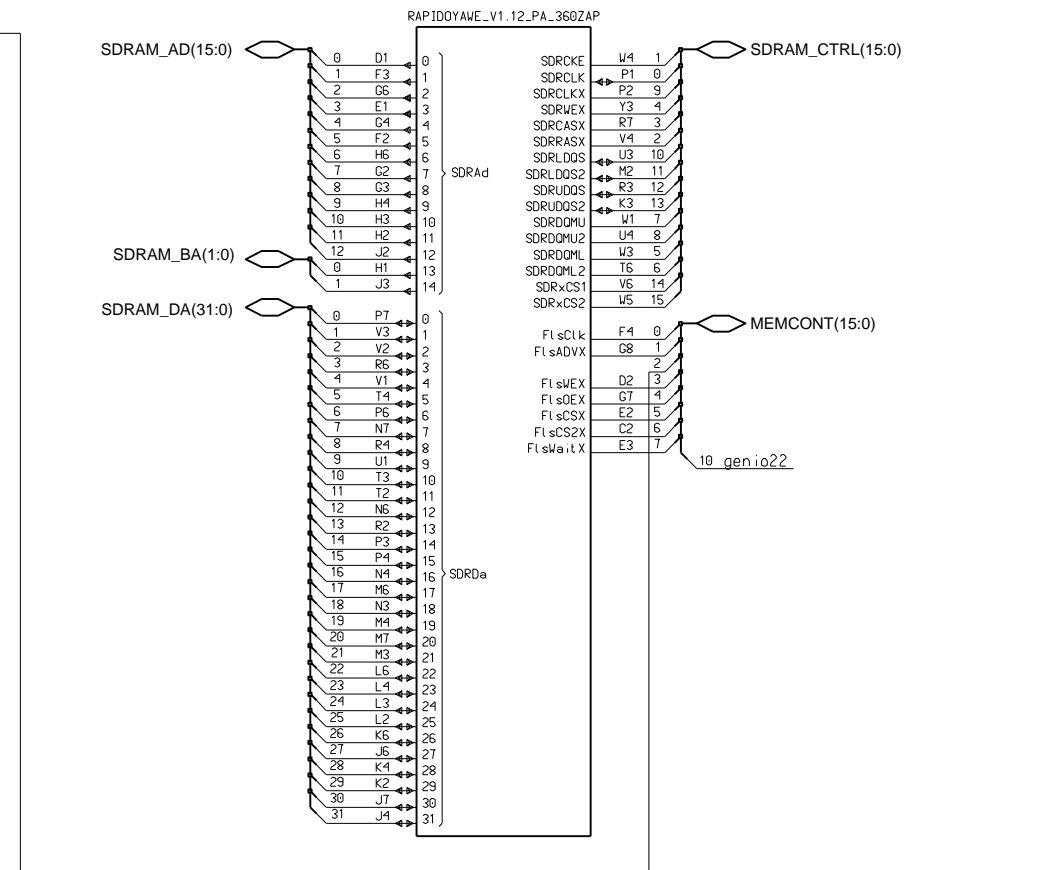
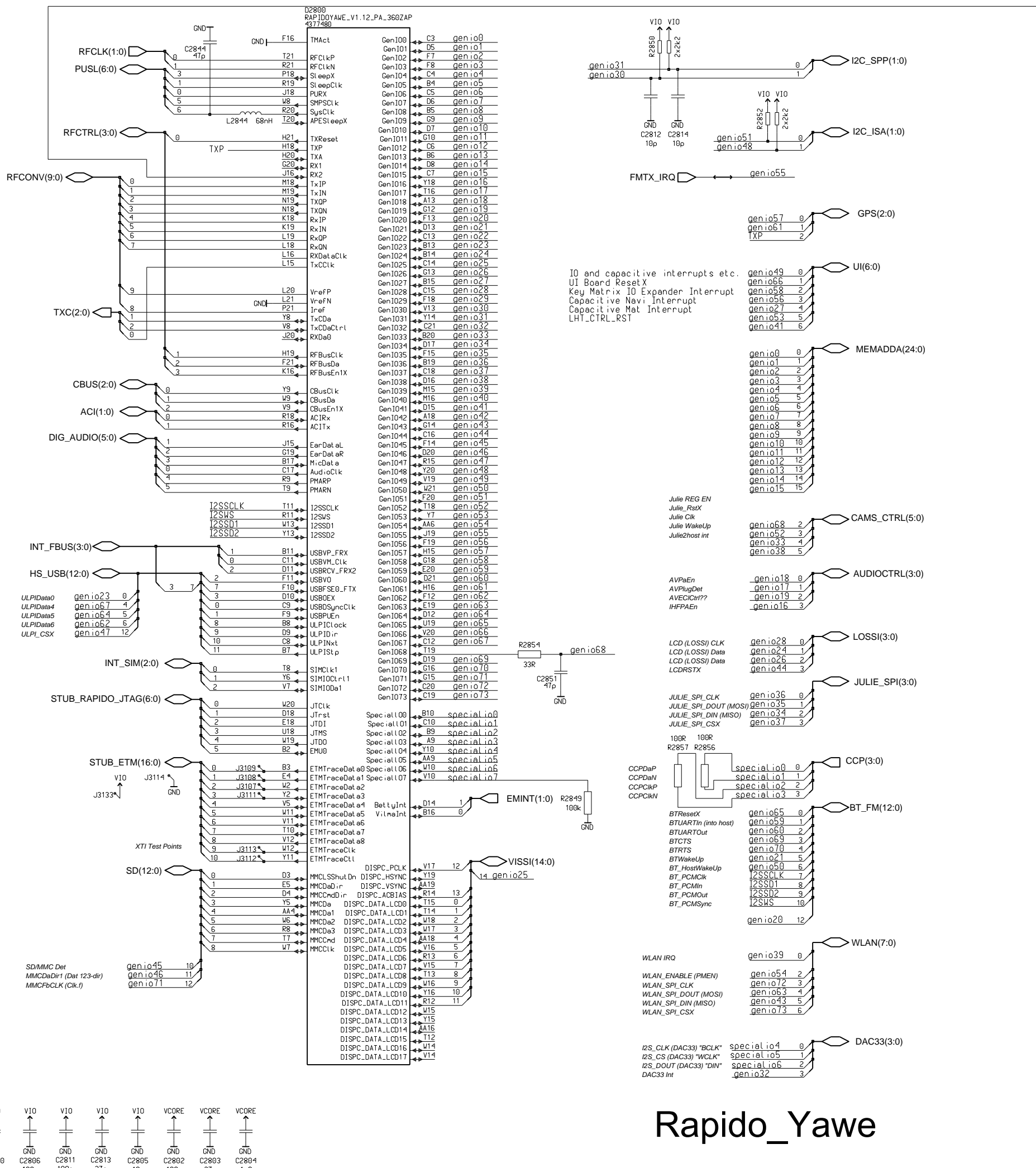
BB & RF Connectivity



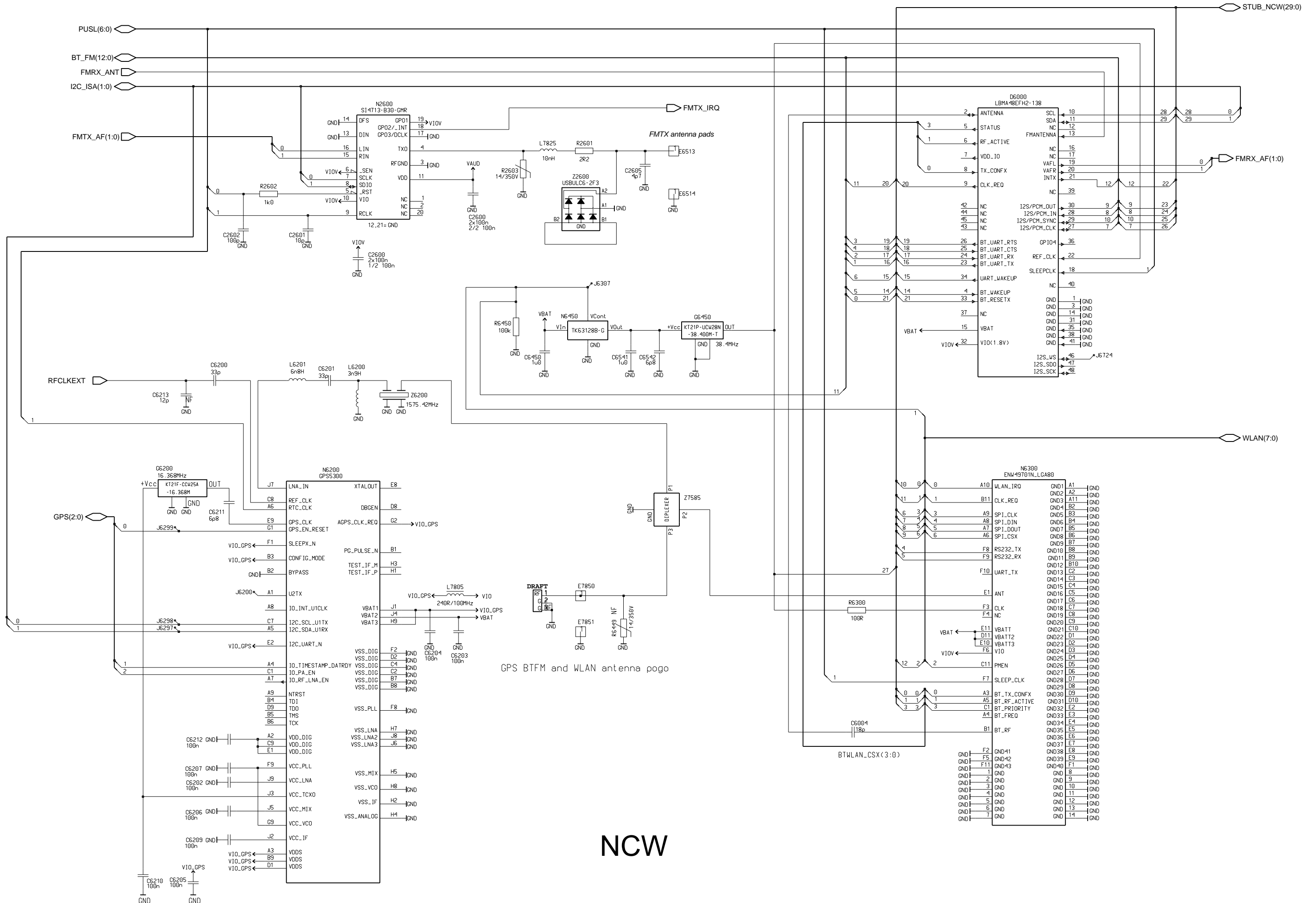
BETTY_AVILMA



Combo Memory

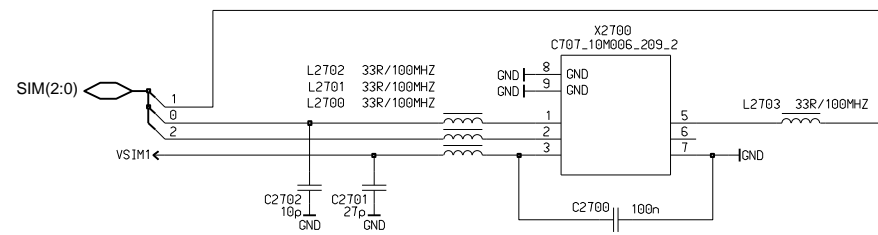
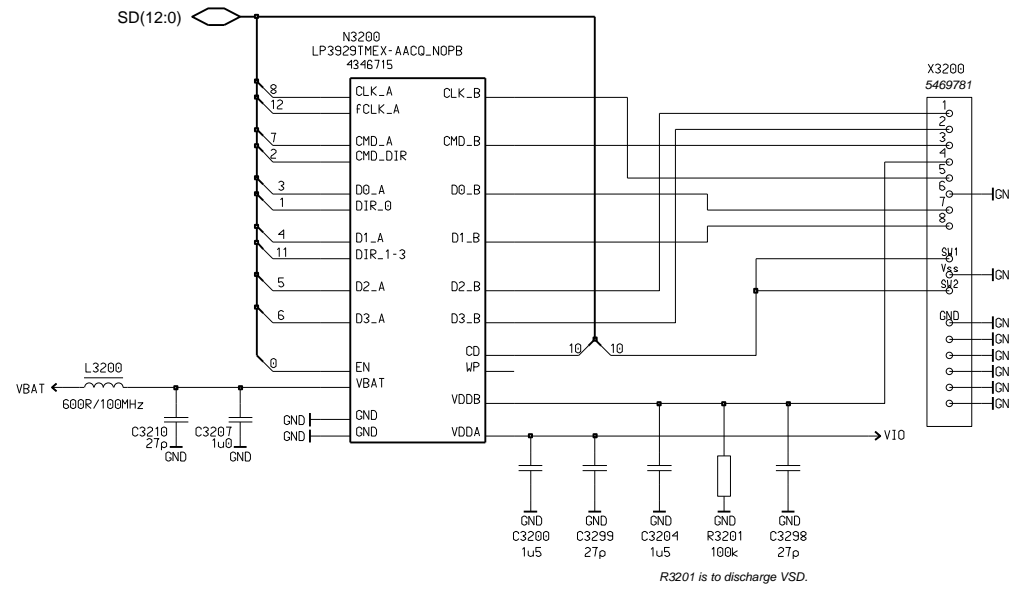
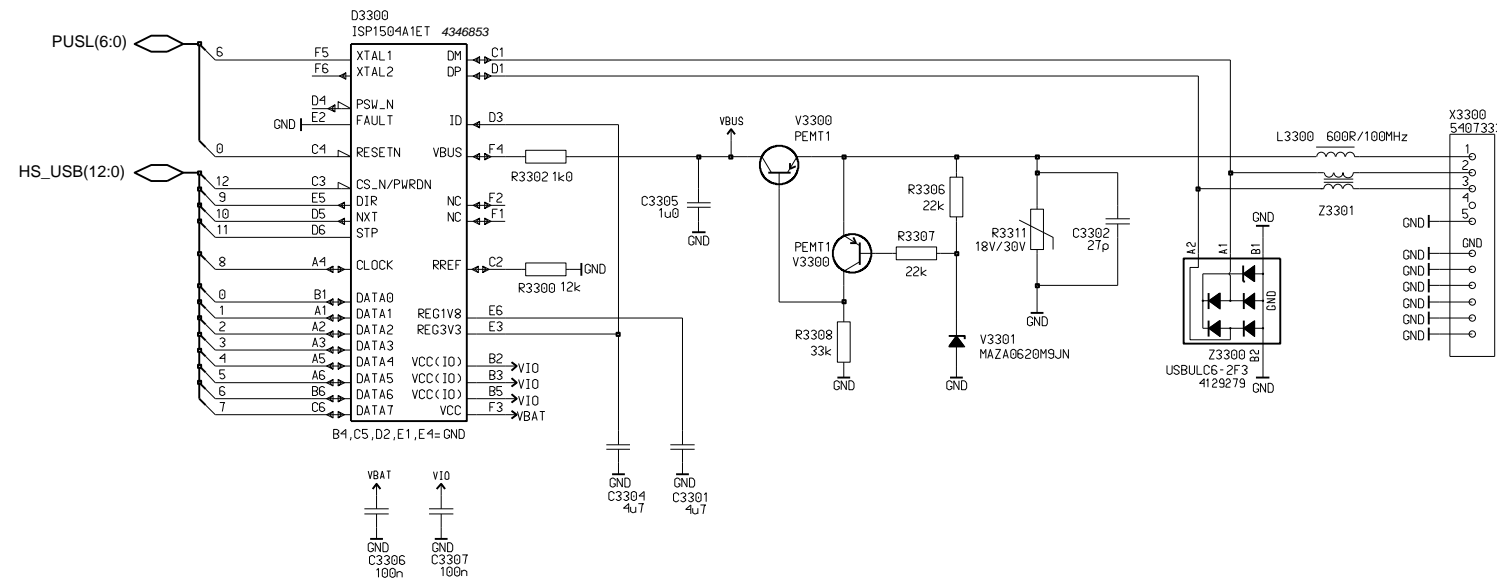


Rapido_Yawe



NCW

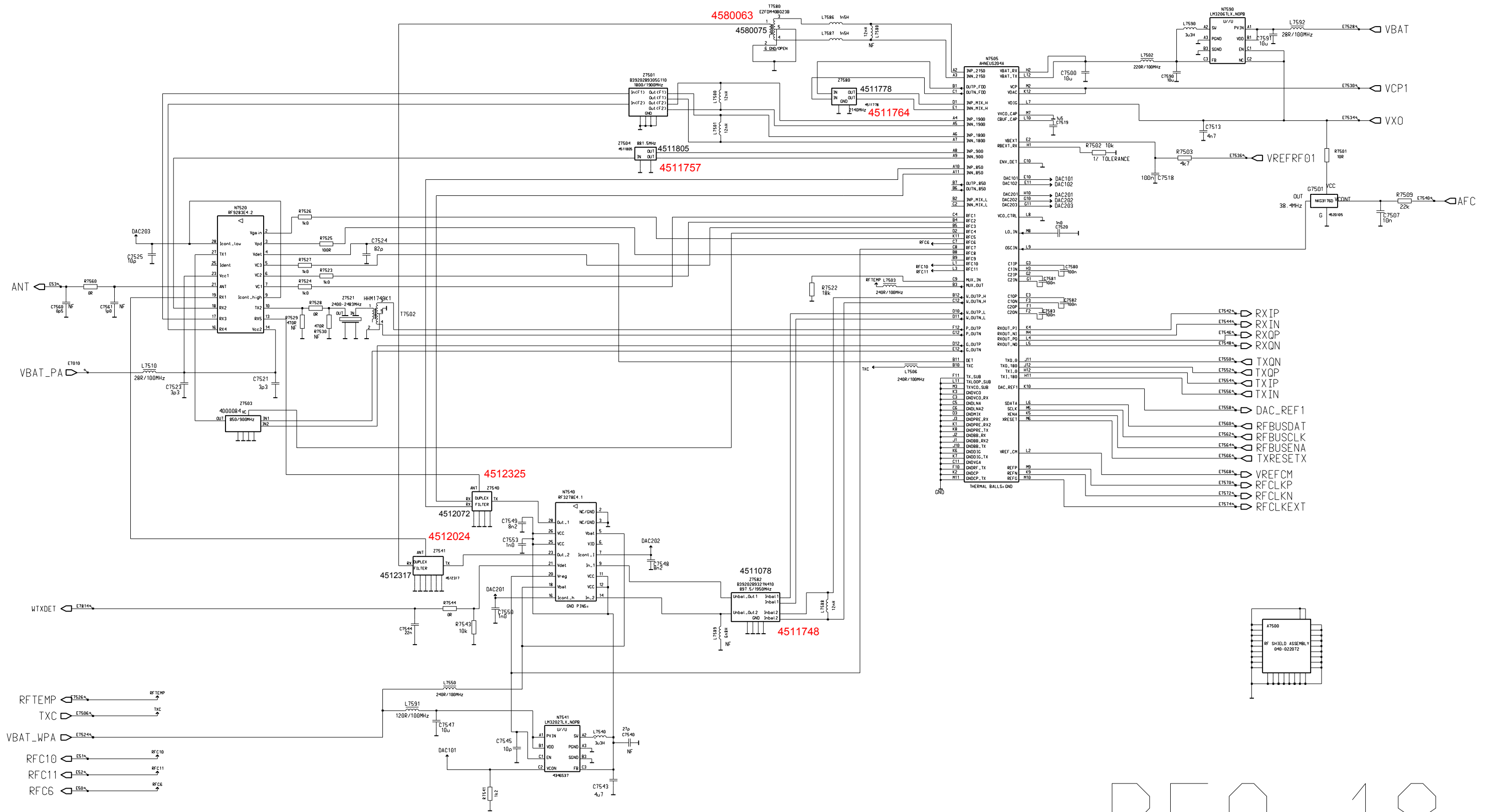
THIS SETUP IS DEVICE MODE ONLY!!!



Place all parts close to or under SIM connector

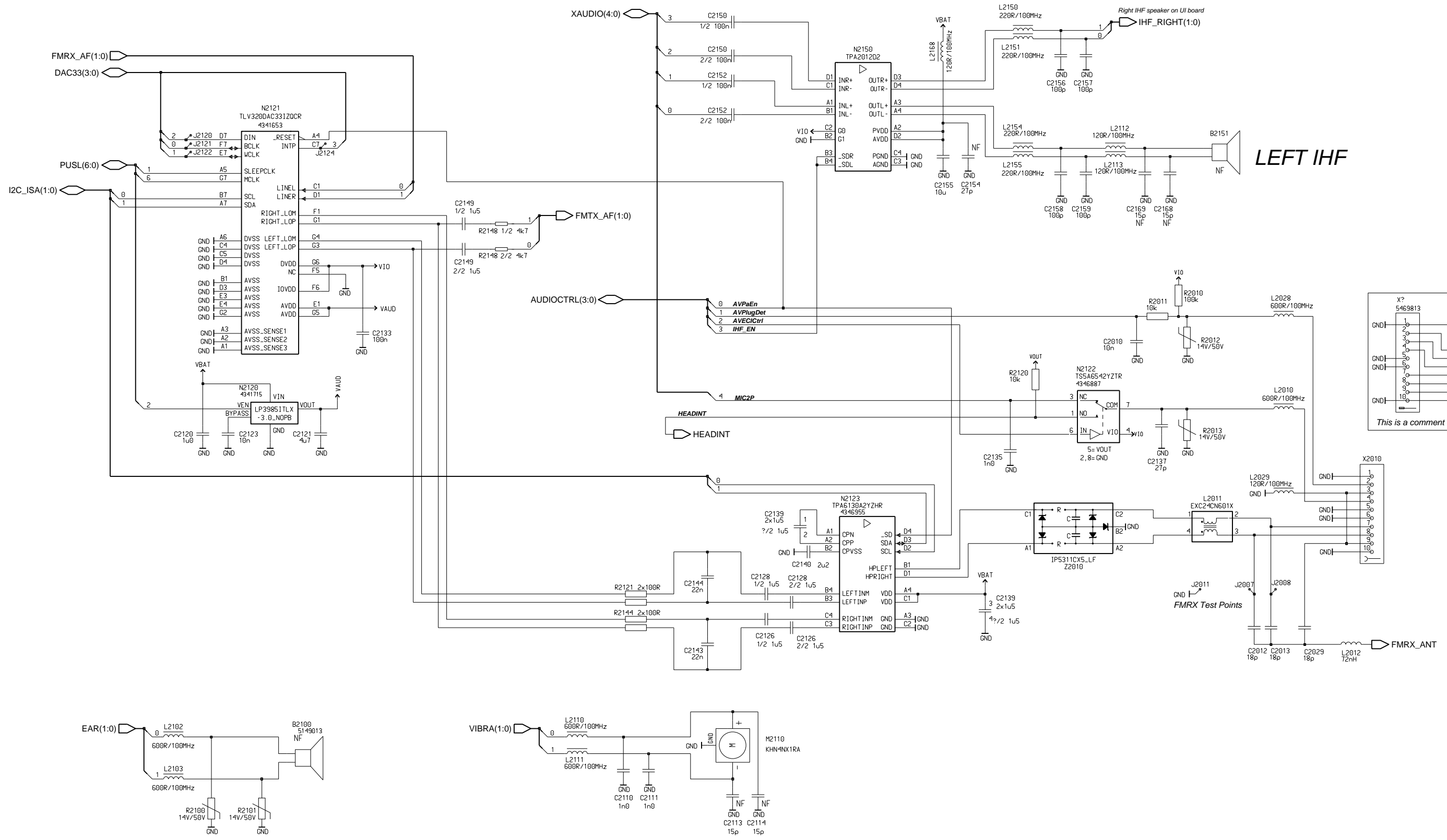
SD_SIM_USB

RM-342 Changes



RF

R50_18



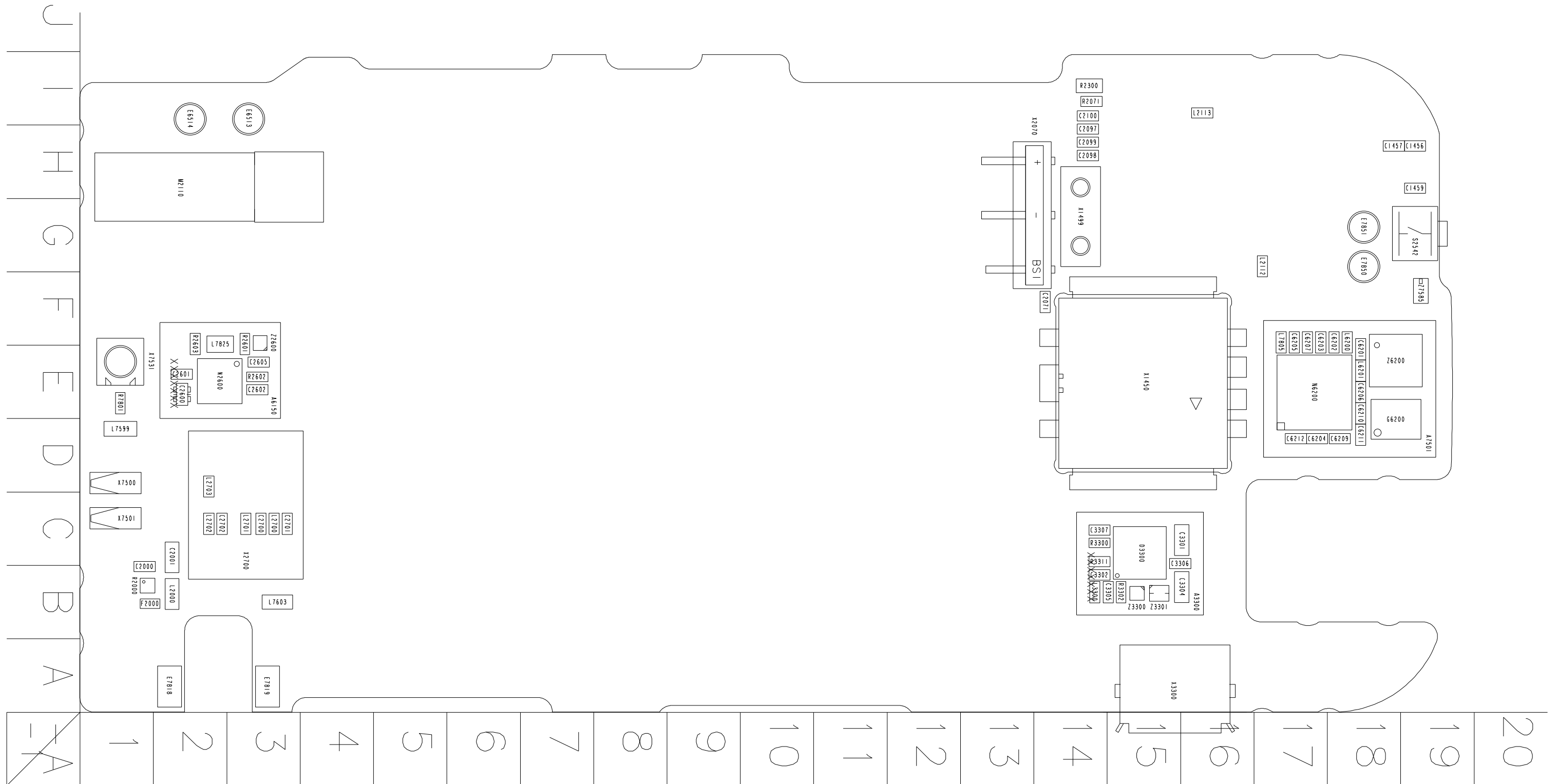
Audio

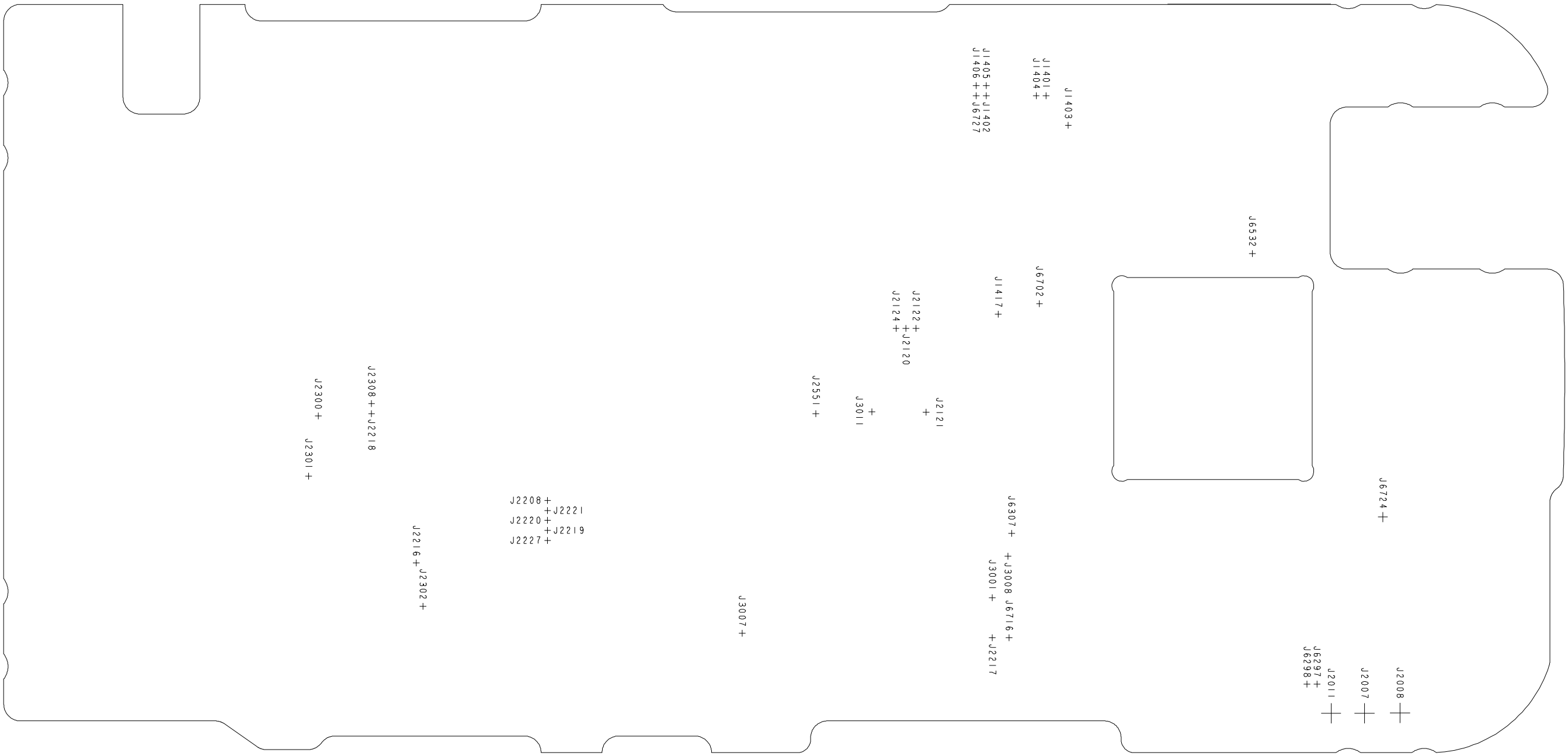
Component Finder

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A3300	C15	C2096	H13	C2235	I11	C2806	H10	C6209	D18	C7616	E3	L2028	F17	L7591	D1	N2600	E2	R2200	G6	R6450	G13	X3200	B10	
A6150	E2	C2097	H14	C2236	I11	C2807	F7	C6210	E18	C7618	G2	L2029	E16	L7592	C5	N2850	A5	R2300	I14	R7501	D8	X3300	A15	
A7500	C5	C2098	H14	C2237	G7	C2808	E8	C6211	D18	C7619	G2	L2102	G18	L7599	D1	N3200	A8	R2303	F12	R7502	E7	X7500	D1	
A7501	E18	C2099	H14	C2238	H11	C2809	E8	C6212	D17	C7620	G2	L2103	G19	L7603	B3	N6200	E17	R2450	H5	R7503	E7	X7501	C1	
B	C2100	I14	C2297	E7	C2810	H10	C6450	F13	C7621	G3	L2110	G5	L7604	G3	N6300	H15	R2451	G6	R7509	C7	X7531	E1		
B2200	F7	C2110	G5	C2299	E5	C2811	E8	C6504	G18	C7622	G5	L2111	G5	L7605	G1	N6450	G13	R2489	H4	R7522	C6	Z		
C	C2111	G5	C2300	G5	C2812	A6	C6541	G13	C7623	G5	L2112	G17	L7804	B15	N6502	G18	R2490	H4	R7523	D4	Z2010	E16		
C1401	D13	C2120	E12	C2303	E5	C2813	E9	C6542	G13	C7630	H9	L2113	I16	L7805	F17	N7505	D7	R2491	H4	R7524	D4	Z2451	I6	
C1403	D13	C2121	E12	C2304	G5	C2814	A5	C7500	C8	C7631	A16	L2150	E10	L7806	G3	N7520	D4	R2492	I4	R7525	D5	Z2452	I5	
C1405	A15	C2123	E12	C2307	F4	C2818	G7	C7507	C7	C7632	G14	L2151	E10	L7807	G3	N7540	C2	R2493	H3	R7526	E5	Z2546	I10	
C1406	B15	C2126	E13	C2312	E4	C2825	E9	C7513	D8	D	L2154	E9	L7808	I5	N7541	D2	R2494	G4	R7527	D4	Z2600	F3		
C1407	B16	C2128	E14	C2314	F13	C2844	G7	C7518	E6	D1401	C15	L2155	E9	L7809	H3	N7590	C6	R2495	G4	R7528	C4	Z3300	B15	
C1408	C16	C2133	D12	C2315	E13	C2850	B4	C7519	D8	D2450	H5	L2168	D11	L7810	I4	R	R2496	F4	R7541	D1	Z3301	B15		
C1410	D12	C2135	D17	C2390	H12	C2851	E8	C7520	D8	D2800	G9	L2206	H10	L7811	I7	R1400	D14	R2497	G4	R7543	D2	Z6200	E18	
C1413	B13	C2137	D16	C2391	H11	C3000	F12	C7521	D3	D3000	G11	L2207	H11	L7812	I7	R1401	B12	R2498	G4	R7544	D2	Z7501	D5	
C1414	B13	C2139	D13	C2392	I12	C3001	E11	C7523	C4	D3300	C15	L2304	F13	L7813	H10	R1402	B12	R2538	A5	R7560	D3	Z7503	D5	
C1415	C12	C2140	D13	C2393	I11	C3002	E11	C7524	D5	D6000	H17	L2390	H13	L7825	F2	R1403	C12	R2549	F4	R7801	E1	Z7504	C6	
C1416	B14	C2143	E13	C2450	I5	C3003	G12	C7525	D5	E	L2391	I13	M	R1404	B12	R2601	F3	R7805	B16	Z7521	B4			
C1447	C15	C2144	E14	C2451	H4	C3200	A8	C7543	D2	E6513	I3	L2499	H7	M2110	H2	R1405	B12	R2602	E3	R7818	G4	Z7540	C3	
C1448	B14	C2149	E12	C2452	H6	C3204	A8	C7544	D2	E6514	I2	L2700	C3	N	R1406	B13	R2603	F2	R7820	B5	Z7541	C3		
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C1452	C16	C2152	E9	C2455	H7	C3210	A8	C7547	D1	E7819	A3	L2702	C2	N1402	A15	R1408	D12	R2850	A5	S2542	G19	Z7582	C7	
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C1456	H19	C2157	E10	C2539	I7	C3301	C16	C7550	D1	F	L3200	A7	N1449	C16	R1449	D13	R2855	A5	T7580	D6	Z7585	F19		
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C1458	G19	C2159	D9	C2541	H9	C3304	B16	C7580	D8	G	L6200	F18	N1451	H14	R1494	C16	R2857	H10	V2498	G4				
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C1461	G13	C2205	G7	C2602	E3	C3307	C14	C7583	E7	G6450	G14	L7501	D6	N2122	D17	R2010	E17	R2899	A5	V3301	B16			
C1462	H14	C2211	F5	C2605	E3	C6001	G6	C7590	B6	G7501	C8	L7502	C6	N2123	E13	R2011	E17	R3201	A8	X				
C2000	B1	C2213	E7	C2700	C3	C6004	G16	C7591	C6	L	L7503	E7	N2150	E9	R2012	E17	R3300	C14	X1450	E15				
C2001	C2	C2215	E7	C2701	C3	C6200	B7	C7606	D12	L1405	A15	L7506	B7	N2200	F6	R2013	D16	R3302	B15	X1499	G14			
C2010	E17	C2216	E7	C2702	C2	C6201	E18	C7607	D12	L1451	H13	L7510	B3	N2201	H11	R2071	I14	R3304	E4	X2010	F17			
C2012	F17	C2217	G6	C2800	E10	C6202	F18	C7609	G3	L1498	H14	L7540	D2	N2300	F5	R2100	G18	R3305	E5	X2060	A16			
C2013	F17	C2220	F5	C2801	E10	C6203	F17	C7610	G1	L1499	G14	L7550	D1	N2301	F12	R2101	G19	R3306	A16	X2070	G13			
C2029	F17	C2222	E6	C2802	E8	C6204	D17	C7611	B4	L2000	B2	L7586	D6	N2390	H12	R2120	D16	R3307	A16	X2450	H7			
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C2072	A13	C2231	G5	C2804	H10	C6206	E18	C7614	H3	L2011	E16	L7588	C7	N2498	G5	R2144	E13	R3311	C14	X2548	I8			

RED = Top Assembly Components
 BLUE = Bottom Assembly Components

Bottom Assembly





Top Test Points

Bottom Test Points

