

Service Schematics

NOKIA
X3-02

RM-639



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.

Measurements

All measurements were made using the following equipment:

Nokia repair SW : Phoenix 2010.24.003.43250
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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Version information

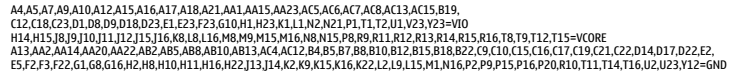
While every effort has been made to ensure that the document is accurate, some errors may exist. Please always check for the latest published version for this document.

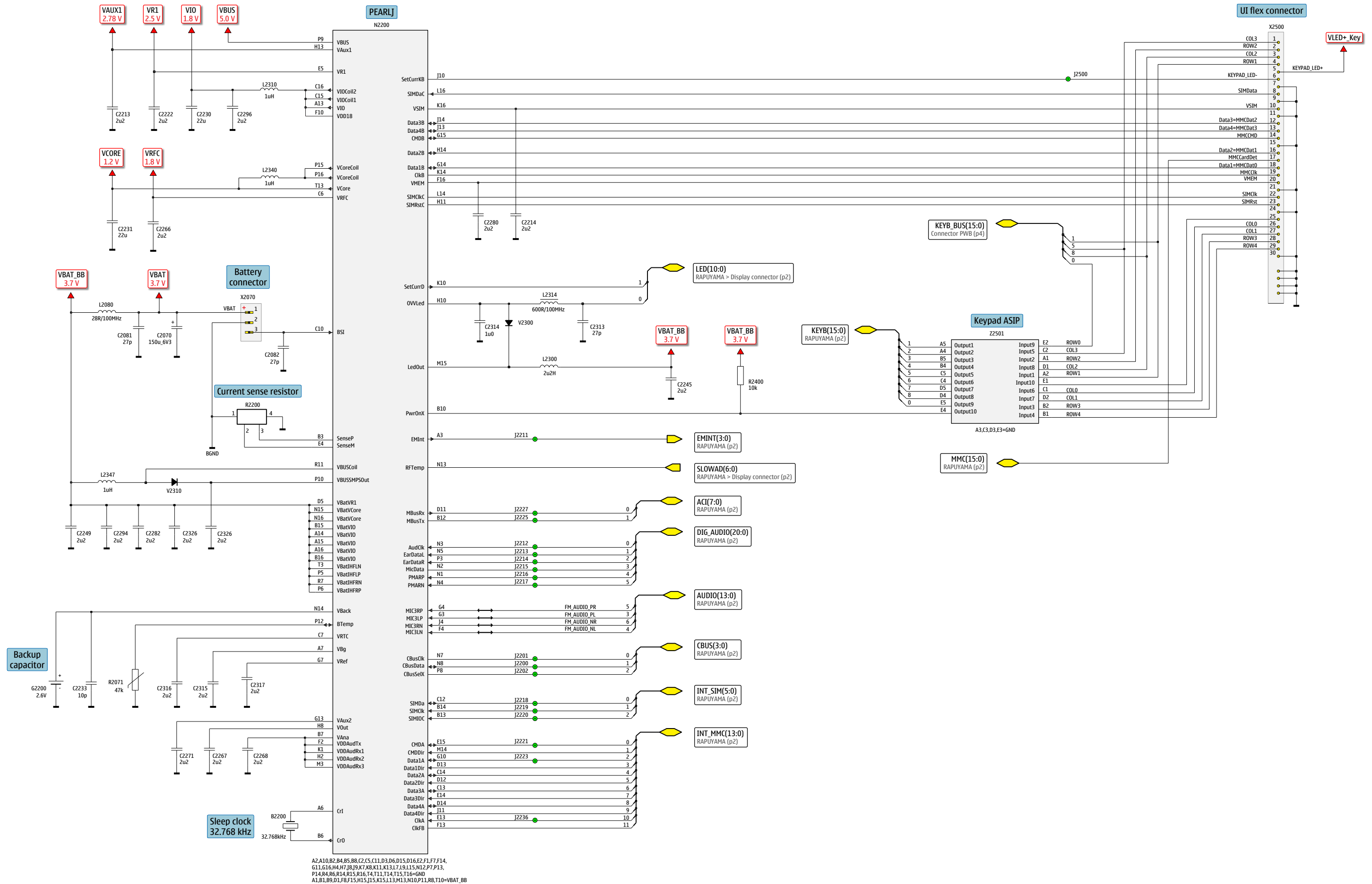
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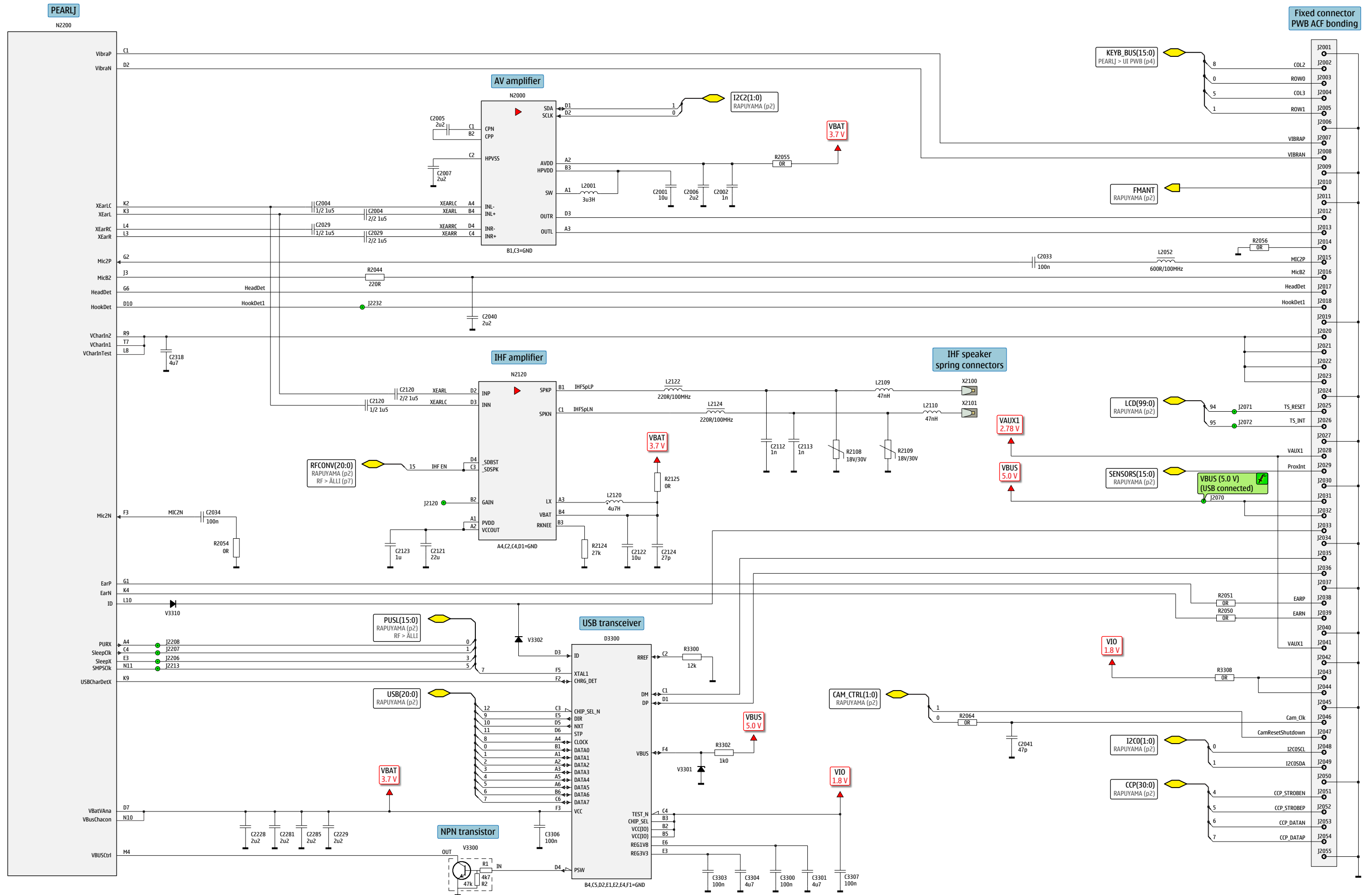
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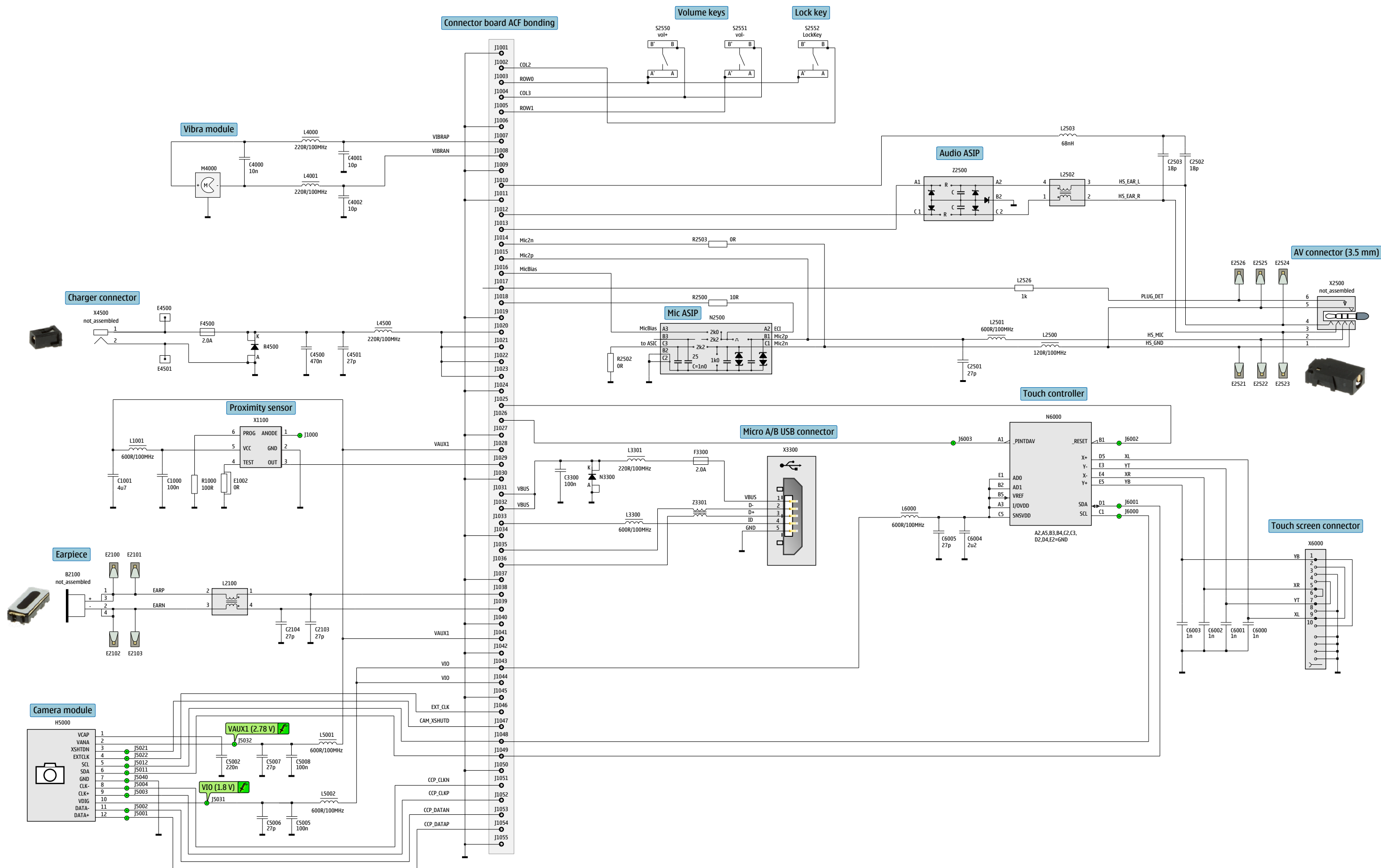
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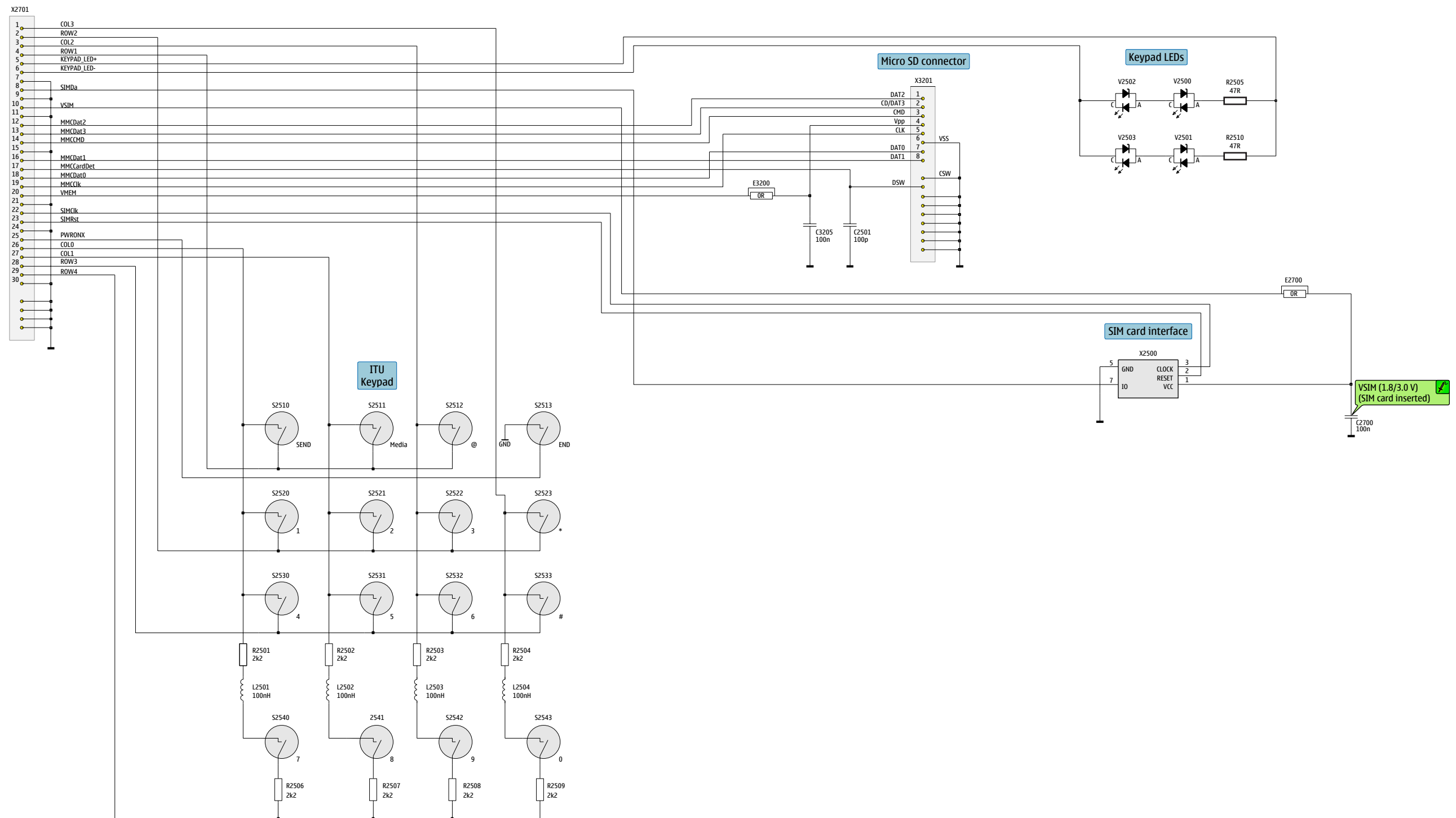


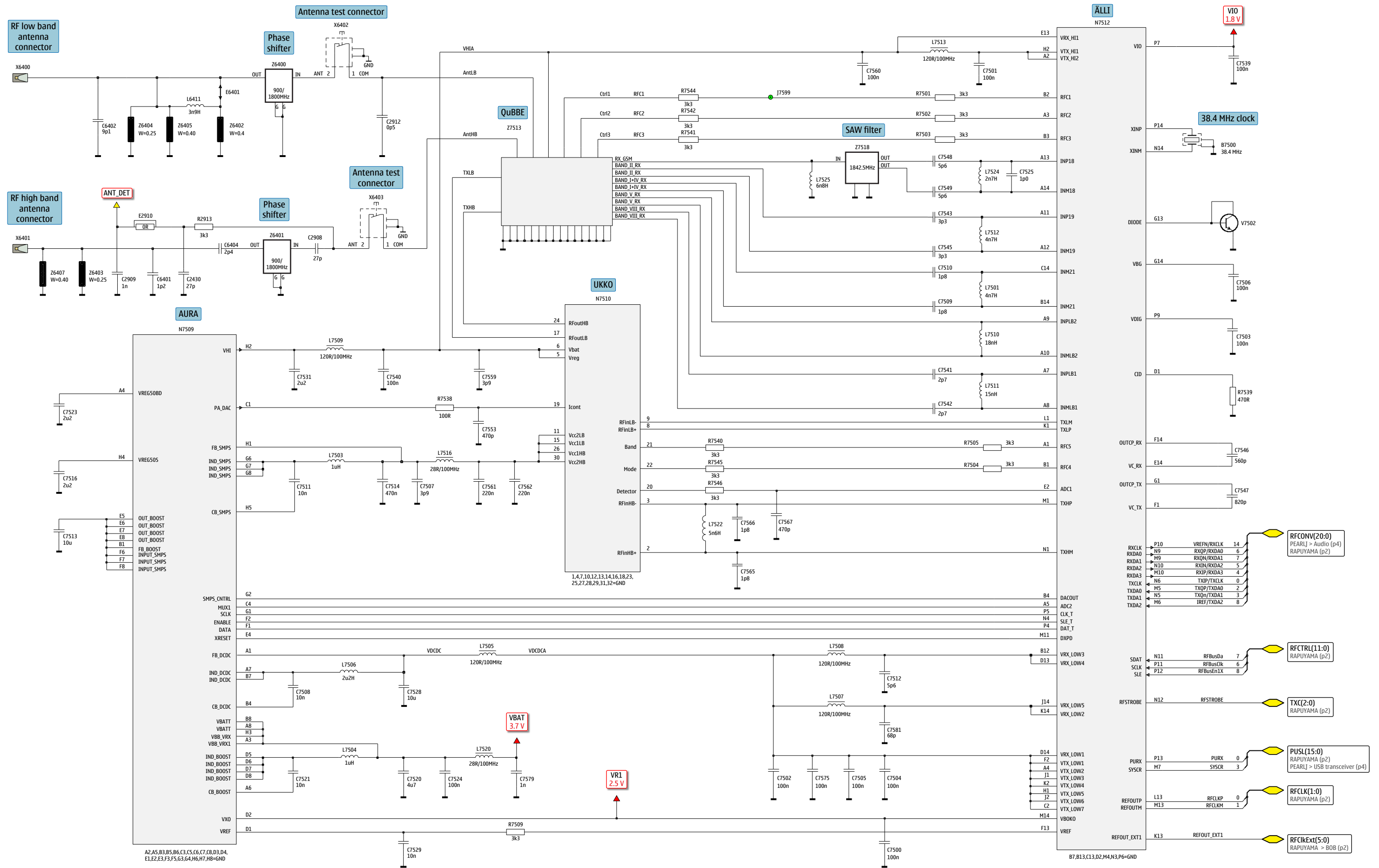


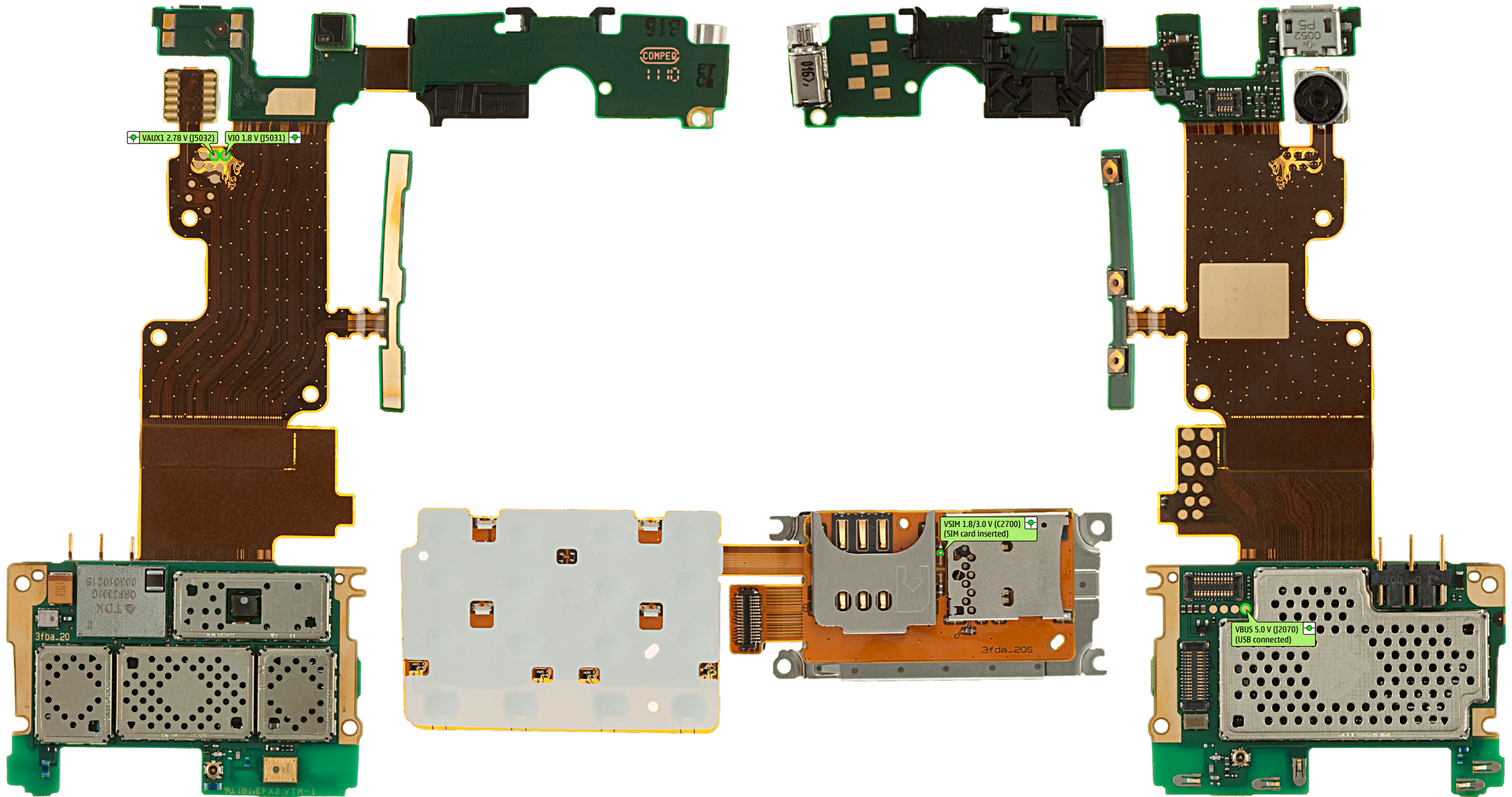


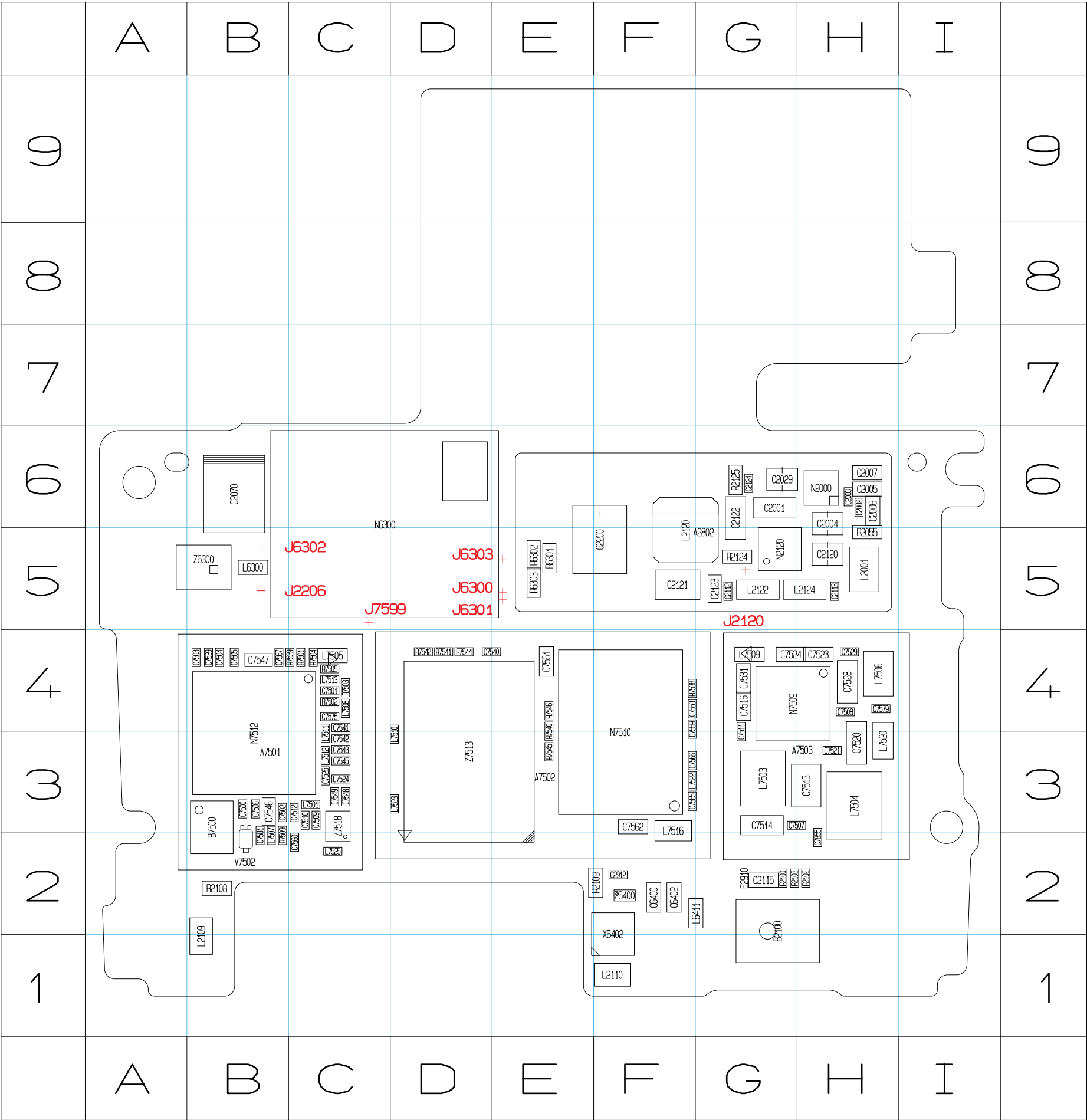


UI flex connector

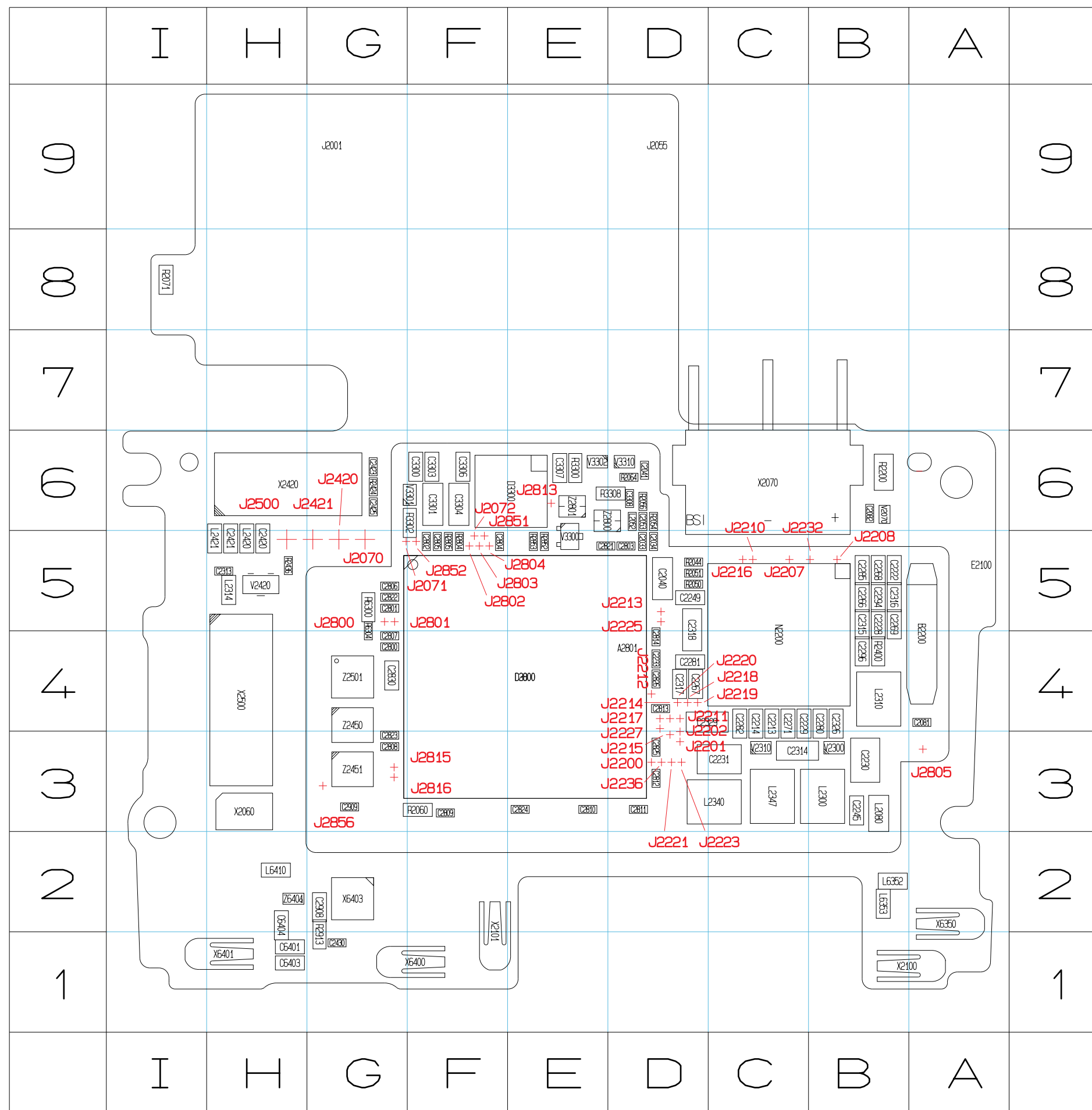




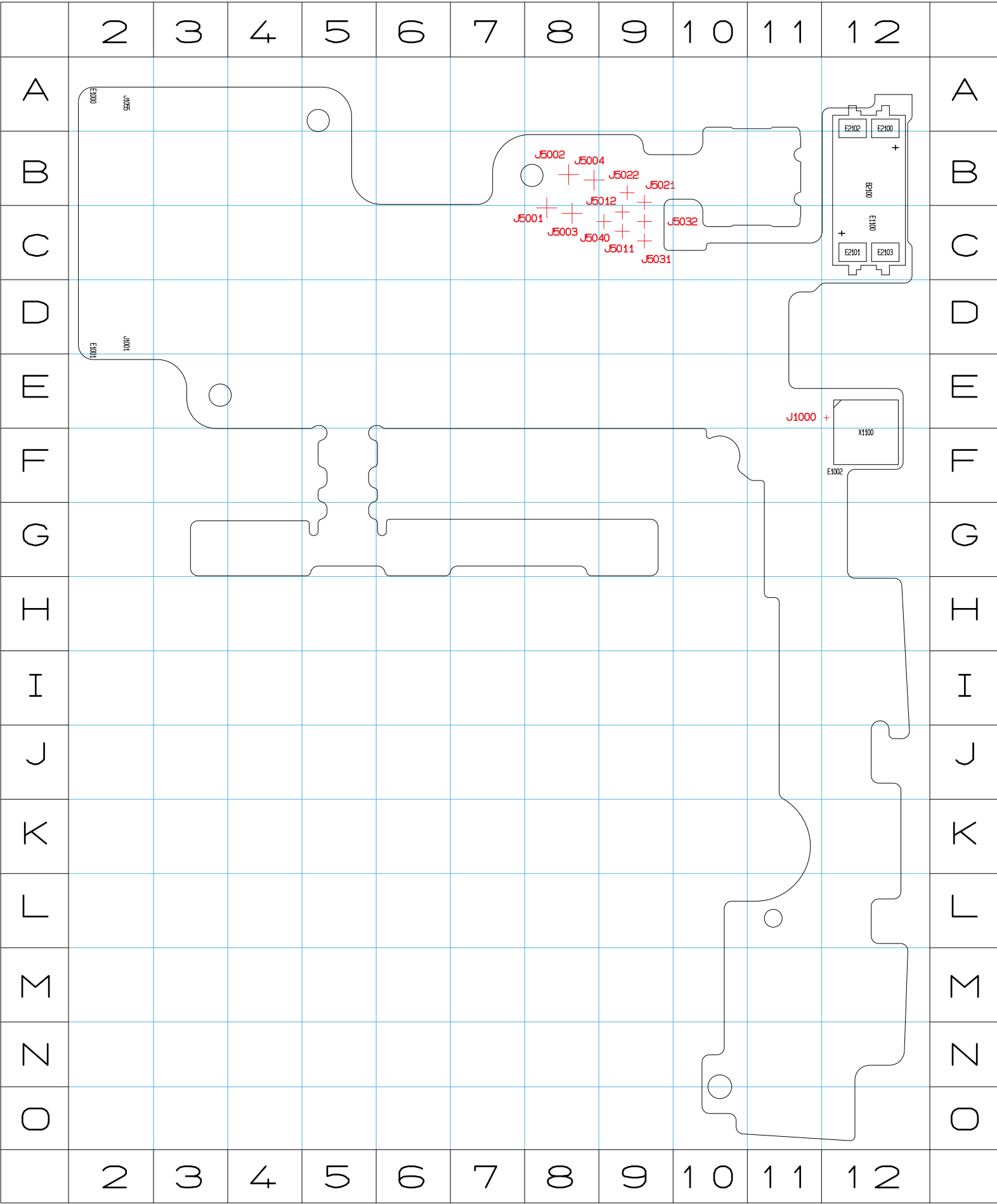




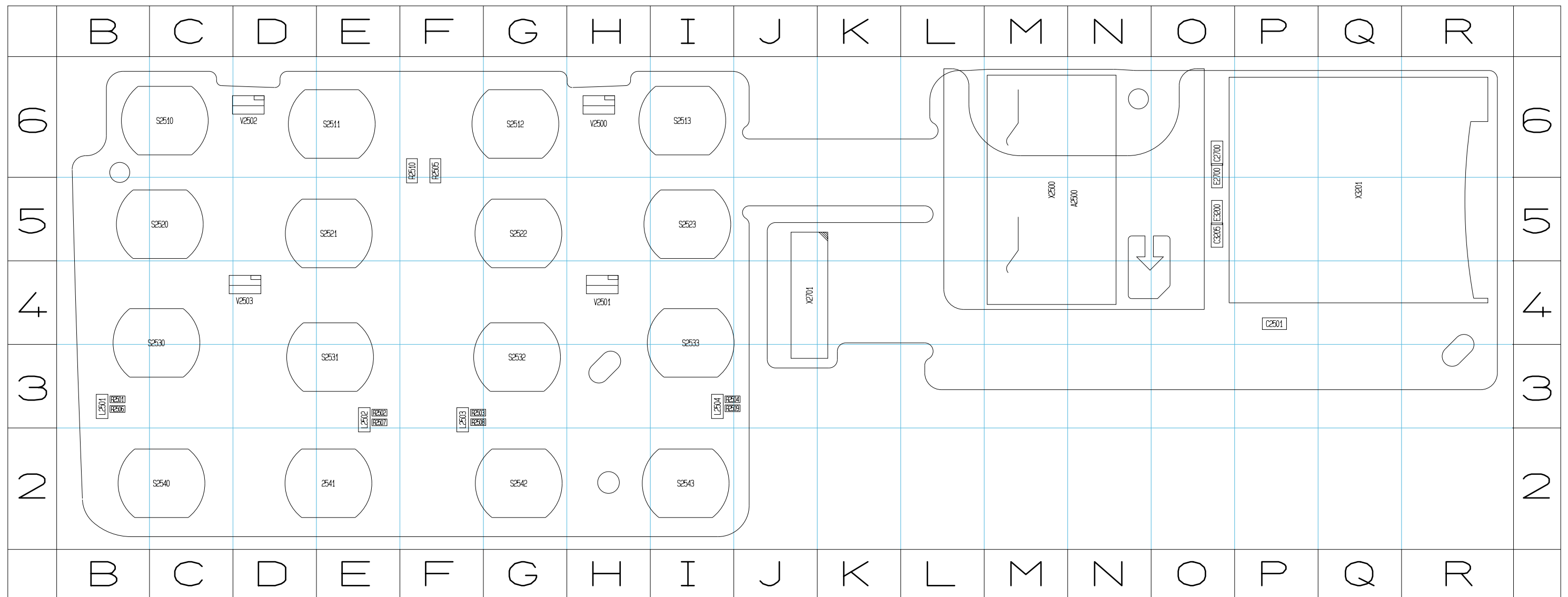
A		C7501	C4	C7547	B4	L7506	H4	R6301	E5
A2802	G5	C7502	B3	C7548	C3	L7507	B3	R6302	E5
A7501	B3	C7503	B4	C7549	C3	L7508	C4	R6303	E5
A7502	E3	C7504	B4	C7553	F4	L7509	G4	R7501	C4
A7503	H3	C7505	B4	C7559	F4	L7510	D4	R7502	C4
B		C7506	B3	C7560	C2	L7511	C4	R7503	C4
B2100	G2	C7507	G3	C7561	E4	L7512	C3	R7504	C4
B7500	B3	C7508	H4	C7562	F3	L7513	C4	R7505	C4
C		C7509	C3	C7565	F3	L7516	F3	R7509	B3
C2001	G6	C7510	C3	C7566	F3	L7520	H3	R7538	F4
C2002	H6	C7511	G4	C7567	B4	L7522	F3	R7539	C4
C2003	H6	C7512	C3	C7575	C4	L7523	D3	R7540	E4
C2004	H6	C7513	H3	C7579	H4	L7524	C3	R7541	D4
C2005	H6	C7514	G3	C7581	B3	L7525	C2	R7542	D4
C2006	H6	C7516	G4	C7855	H2	N		R7544	D4
C2007	H6	C7520	H3	G		N2000	H6	R7545	E3
C2029	G6	C7521	H3	G2200	F5	N2120	G5	R7546	E4
C2070	B6	C7523	H4	L		N6300	C6	V	
C2112	G5	C7524	G4	L2001	H5	N7509	G4	V7502	B2
C2113	H5	C7525	C3	L2109	B2	N7510	F4	X	
C2115	G2	C7528	H4	L2110	F1	N7512	B4	X6402	F2
C2120	H5	C7529	H4	L2120	F6	R		Z	
C2121	F5	C7531	G4	L2122	G5	R2055	H5	Z6300	B5
C2122	G6	C7539	B4	L2124	H5	R2100	G2	Z6400	F2
C2123	G5	C7540	D4	L6300	B5	R2102	H2	Z7513	D3
C2124	G6	C7541	C4	L6411	G2	R2103	G2	Z7518	C3
C2912	F2	C7542	C3	L7501	C3	R2108	B2		
C6400	F2	C7543	C3	L7503	G3	R2109	F2		
C6402	F2	C7545	C3	L7504	H3	R2124	G5		
C7500	B3	C7546	B3	L7505	C4	R2125	G6		



A		C2285	B5	C2814	D4	L2340	C3	R6300	G5
A2801	D4	C2294	B5	C2821	E5	L2347	C3	R6304	G5
B		C2296	B4	C2822	G5	L2420	H5	V	
B2200	A4	C2313	H5	C2823	G3	L2421	H5	V2070	B6
C		C2314	C3	C2824	E3	L6352	B2	V2300	B3
C2033	D5	C2315	B5	C2825	D3	L6353	B2	V2310	C3
C2034	D5	C2316	B5	C2826	D4	L6410	H2	V2420	H5
C2040	D5	C2317	D4	C2830	G4	N		V3300	E5
C2041	D6	C2318	D5	C2908	G2	N2200	C4	V3301	F6
C2053	D6	C2326	B4	C2909	G3	R		V3302	E6
C2081	A4	C2329	D4	C3300	F6	R2044	D5	V3310	D6
C2082	B6	C2420	H5	C3301	F6	R2050	D5	X	
C2213	C4	C2421	H5	C3303	F6	R2051	D5	X2060	H3
C2214	C4	C2423	G6	C3304	F6	R2054	D6	X2070	C6
C2222	B5	C2425	G6	C3306	F6	R2056	D6	X2100	A1
C2228	B5	C2430	G1	C3307	E6	R2060	F3	X2101	F1
C2229	C4	C2800	G4	C3308	D6	R2064	D6	X2420	H6
C2230	B3	C2801	G5	C6401	H1	R2071	I8	X2500	H4
C2231	C3	C2802	F5	C6403	H1	R2200	B6	X6350	A2
C2233	D4	C2803	D5	C6404	H2	R2400	B4	X6400	F1
C2245	B3	C2804	F5	D		R2424	G6	X6401	H1
C2249	D5	C2805	F5	D2800	E4	R2436	H5	X6403	G2
C2266	B5	C2806	G5	D3000	E4	R2804	F5	Z	
C2267	D4	C2807	G4	D3300	E6	R2805	F5	Z2450	G4
C2268	B5	C2808	G3	L		R2852	E5	Z2451	G3
C2269	B5	C2809	F3	L2052	D6	R2853	E5	Z2501	G4
C2271	C4	C2810	E3	L2080	B3	R2913	G1	Z2800	E6
C2280	B4	C2811	D3	L2300	B3	R3300	E6	Z2801	E6
C2281	D4	C2812	D3	L2310	B4	R3302	F6	Z6401	H2
C2282	C4	C2813	D4	L2314	H5	R3308	D6		



B	
B2100	B12
E	
E2100	A12
E2101	C12
E2102	A12
E2103	C12
X	
X1100	F12



A		L2502	E3	R2505	F6	V2501	H4
A2500	N5	L2503	F3	R2506	B3	V2502	D6
C		L2504	I3	R2507	E3	V2503	D4
C2501	P4	R		R2508	F3	X	
C2700	O6	R2501	B3	R2509	I3	X2500	M5
C3205	O5	R2502	E3	R2510	F6	X2701	J4
L		R2503	F3	V		X3201	Q5
L2501	B3	R2504	I3	V2500	H6		