

Service Schematics

NOKIA
C3-01

RM-640

NOKIA
C3-01m

RM-662



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

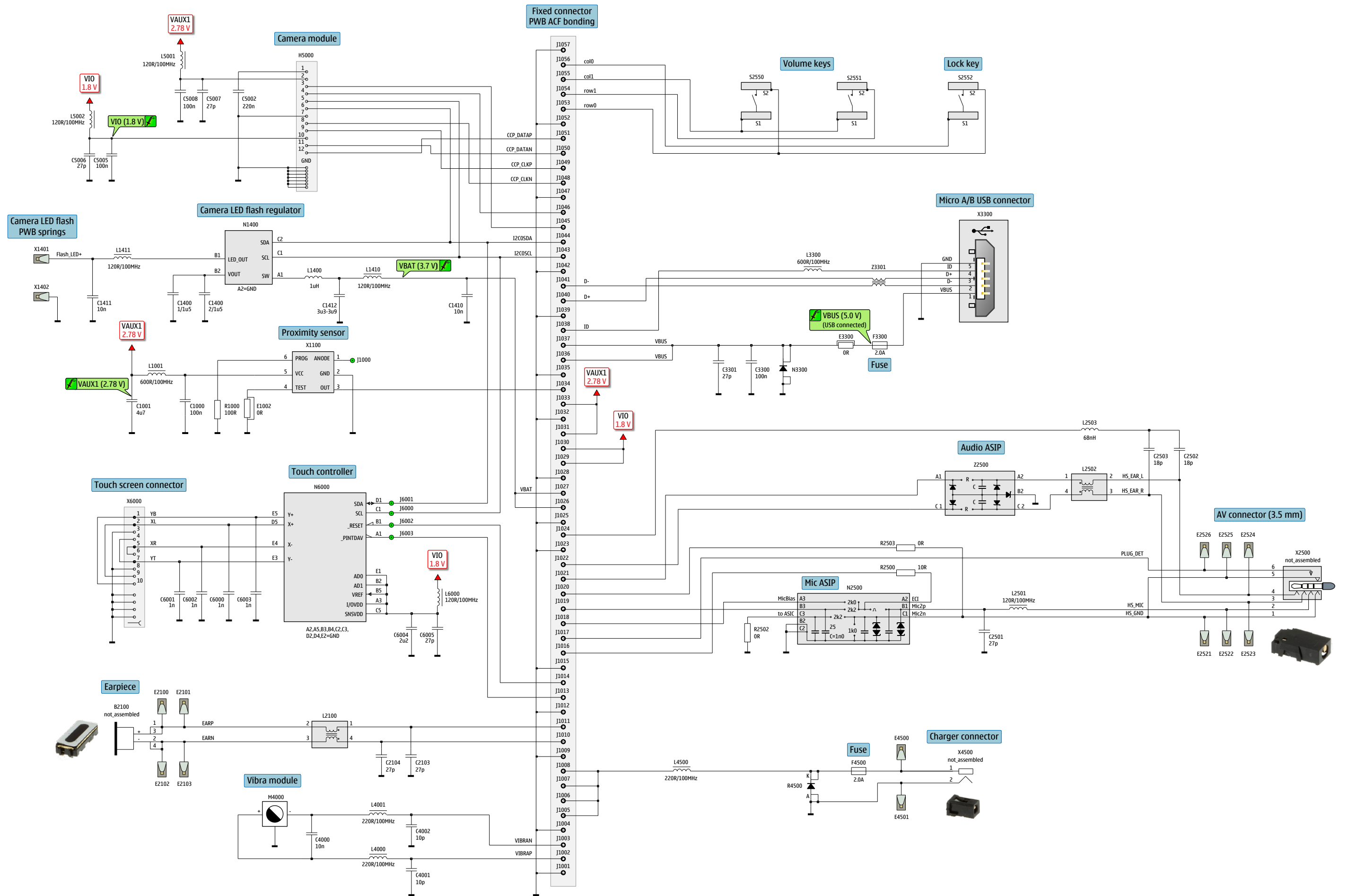
While every effort has been made to ensure that the document is accurate, some errors may exist. Please always check for the latest published version for this document.

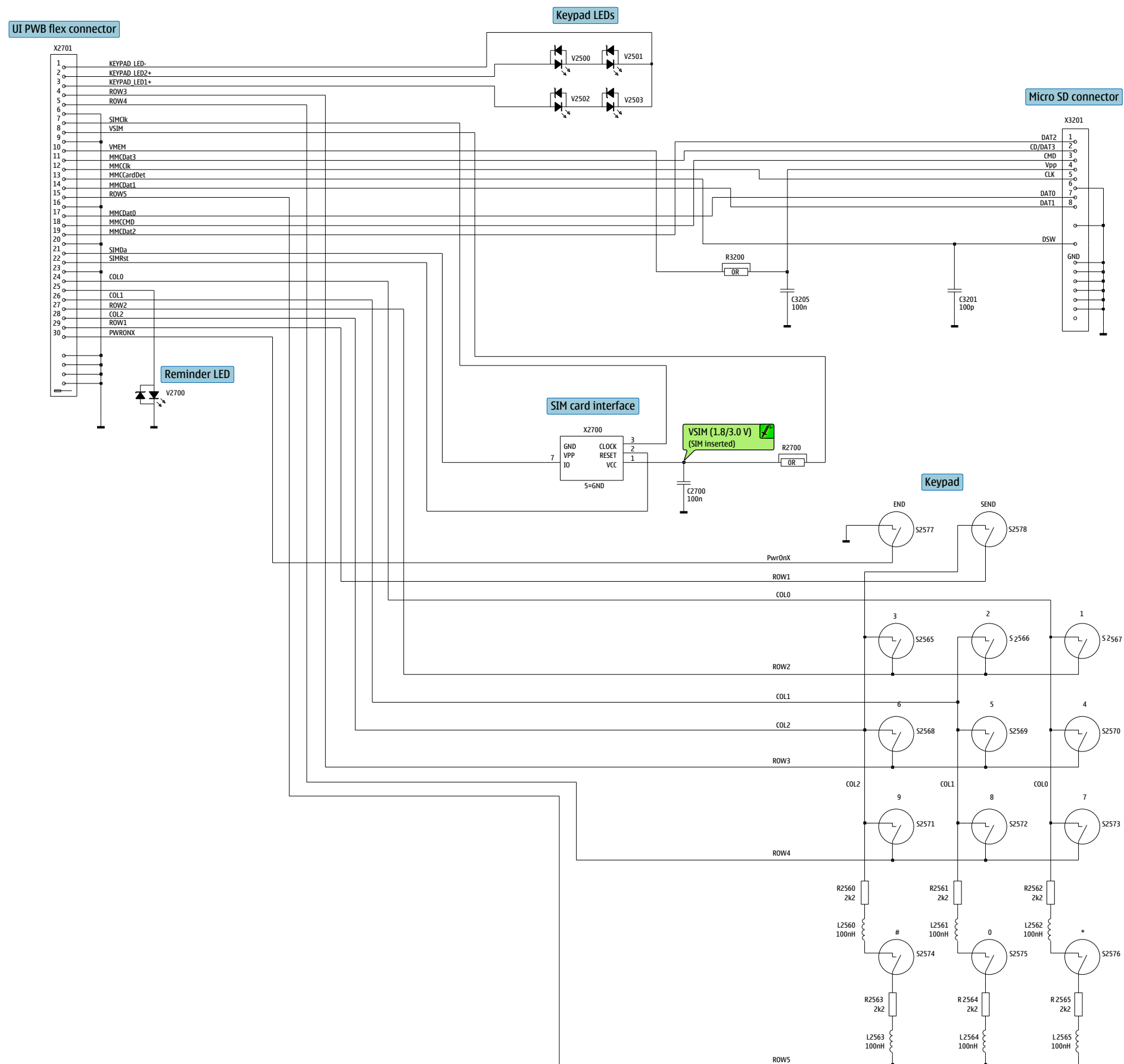
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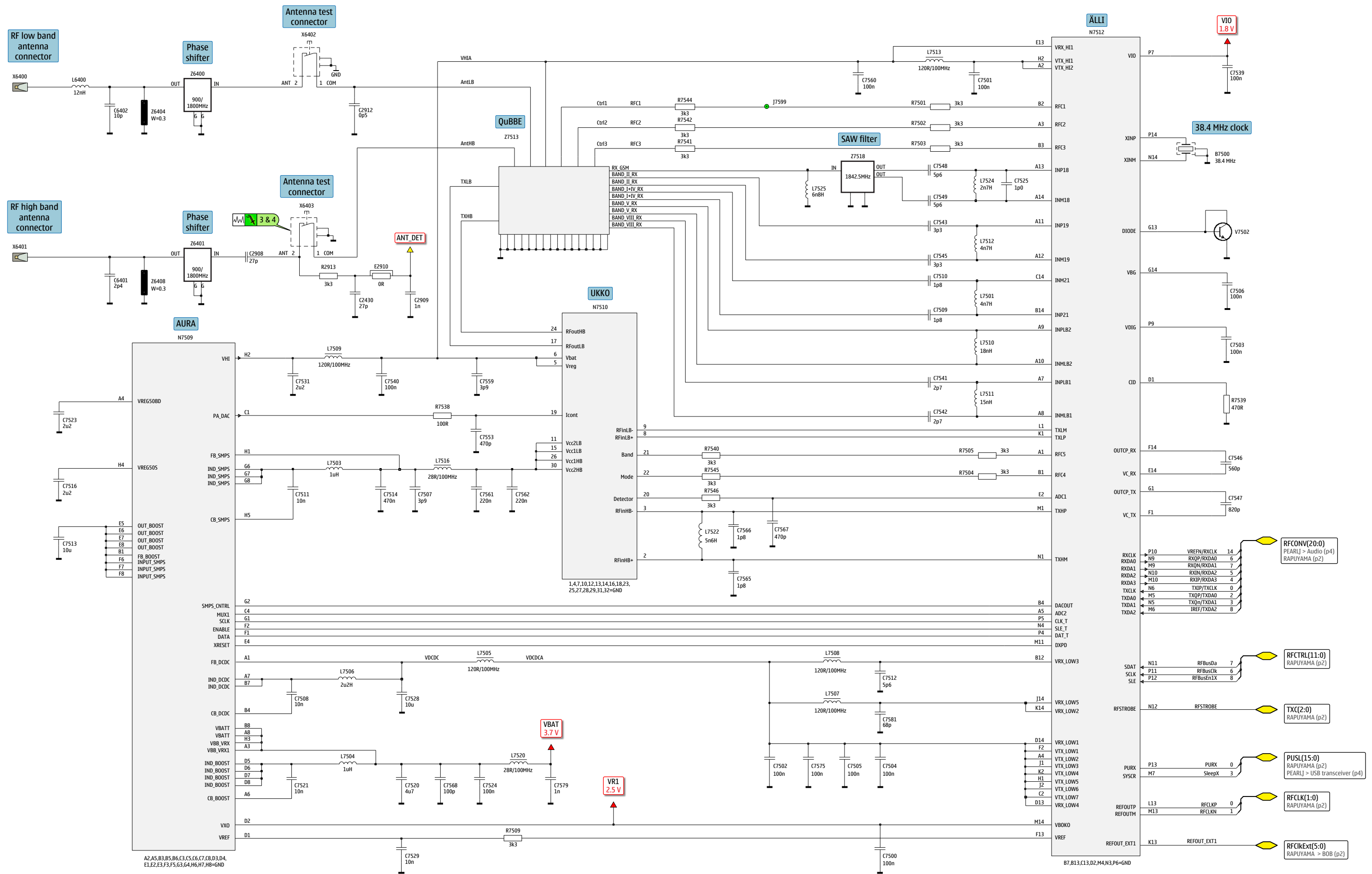
- 1.0 First approved version.
2.0 Overall quality update.
Added RF antenna signal overview measurements.
I2C0 data line pin ID to RAPUYAMA corrected (p2).

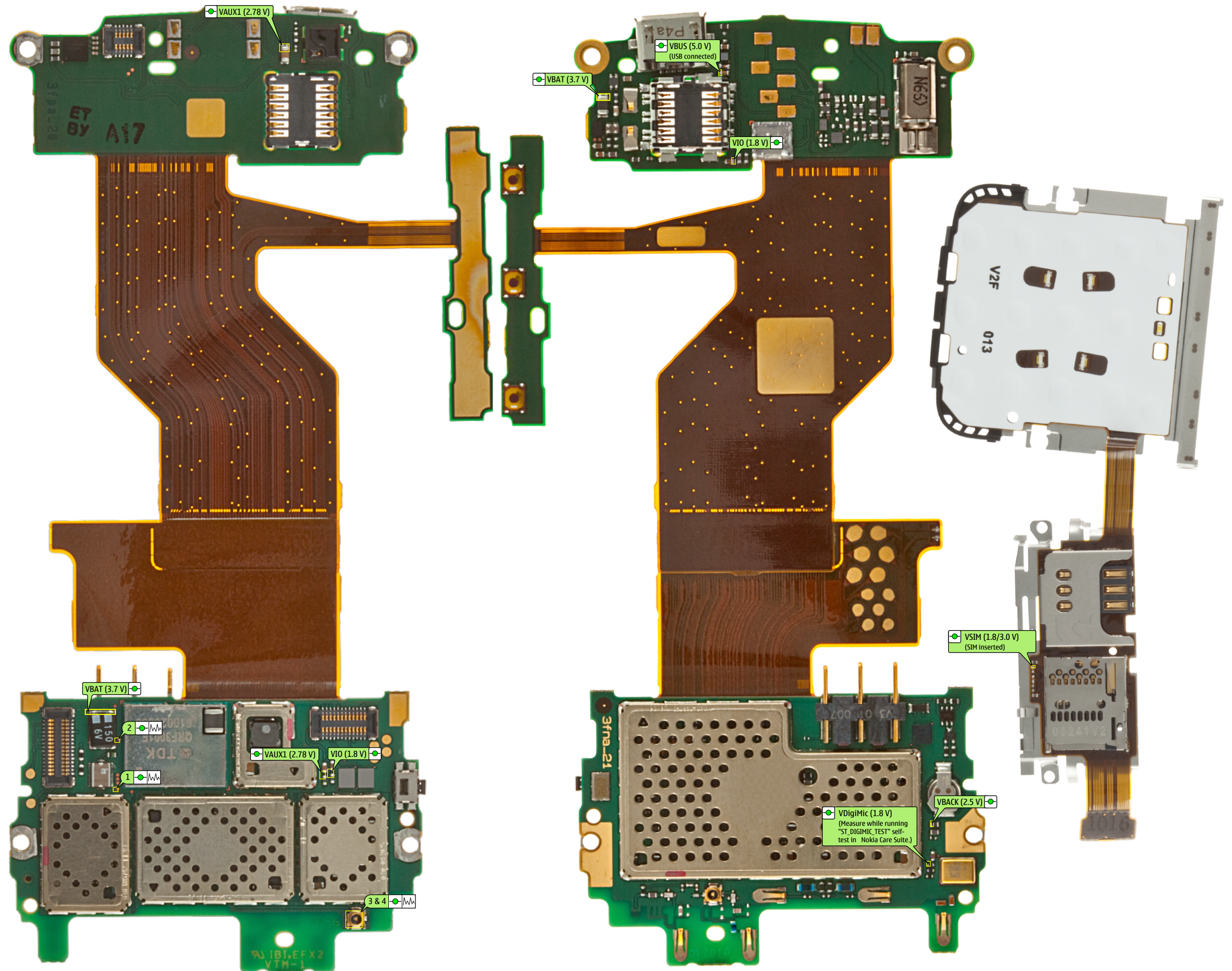
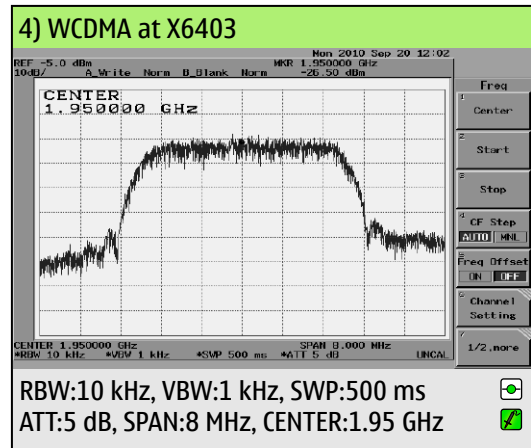
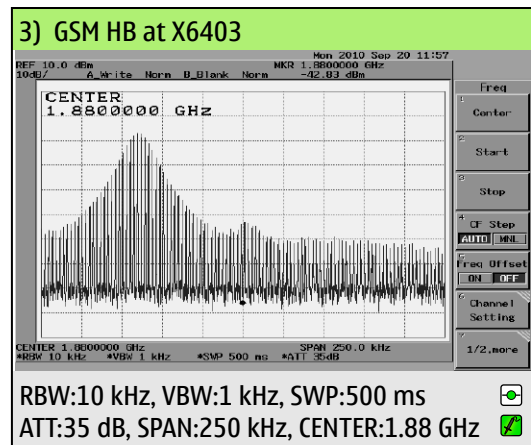
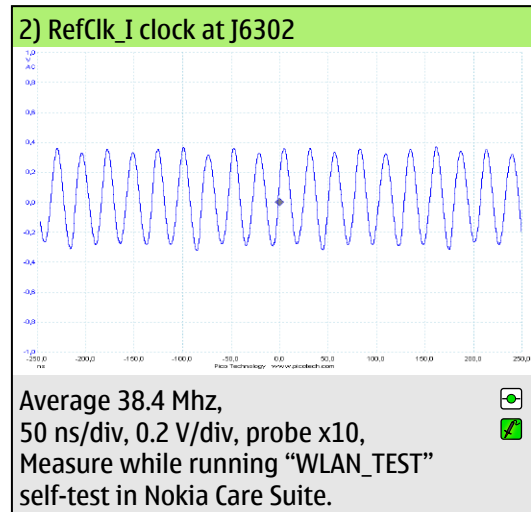
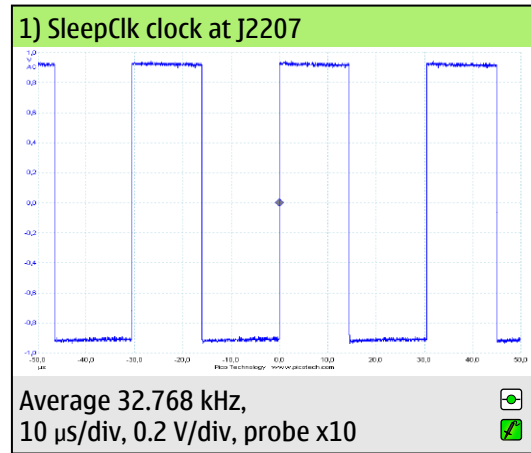
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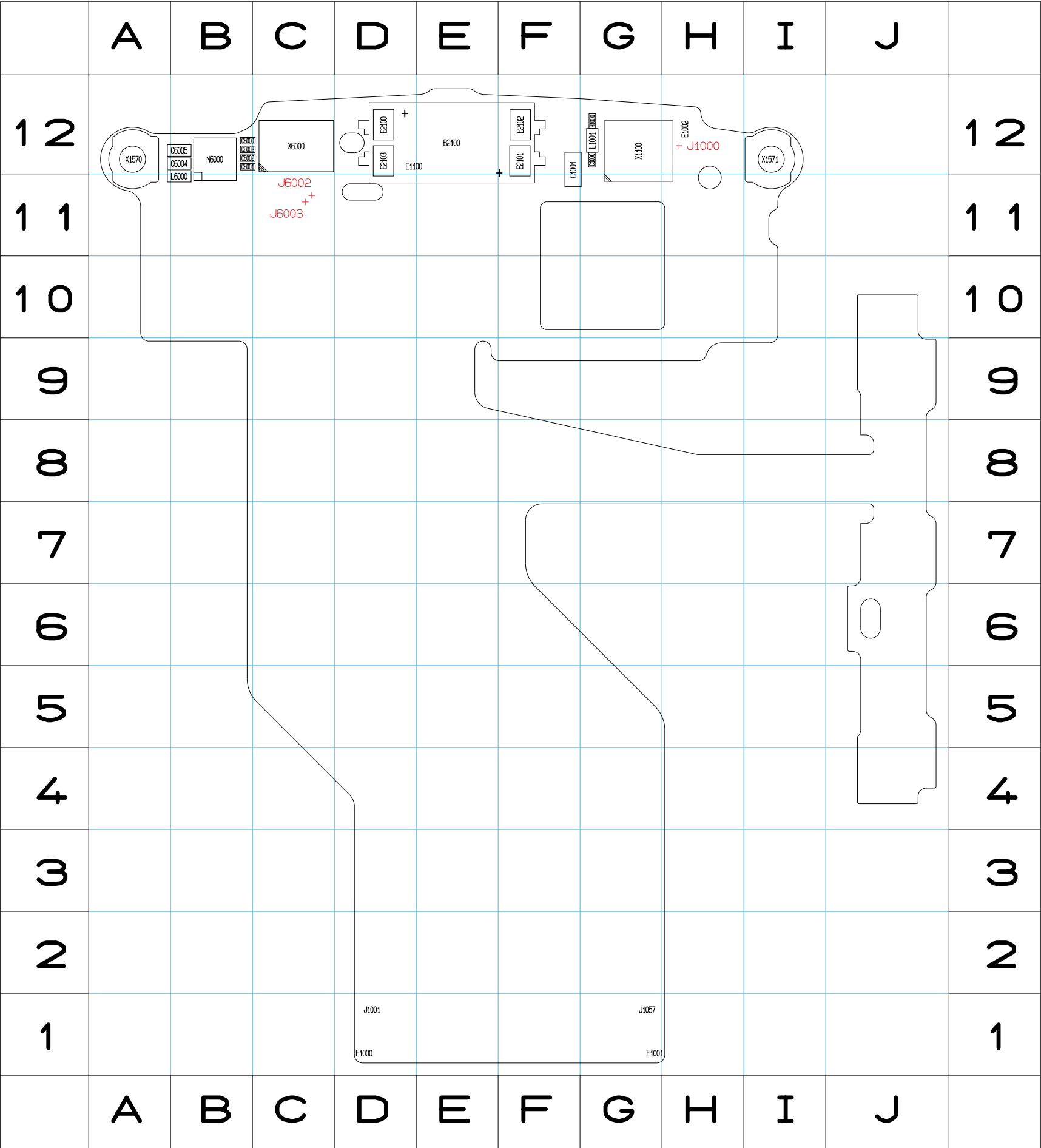
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RAPUYAMA, BOB, Display UI, Digital mic, Combo memory	2
PEARLJ, Battery, UI PWB conn	3
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UI PWB, Keypad, Keypad LEDs, Reminder LED, MMC, SIM	6
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Component finder Connector PWB top	11
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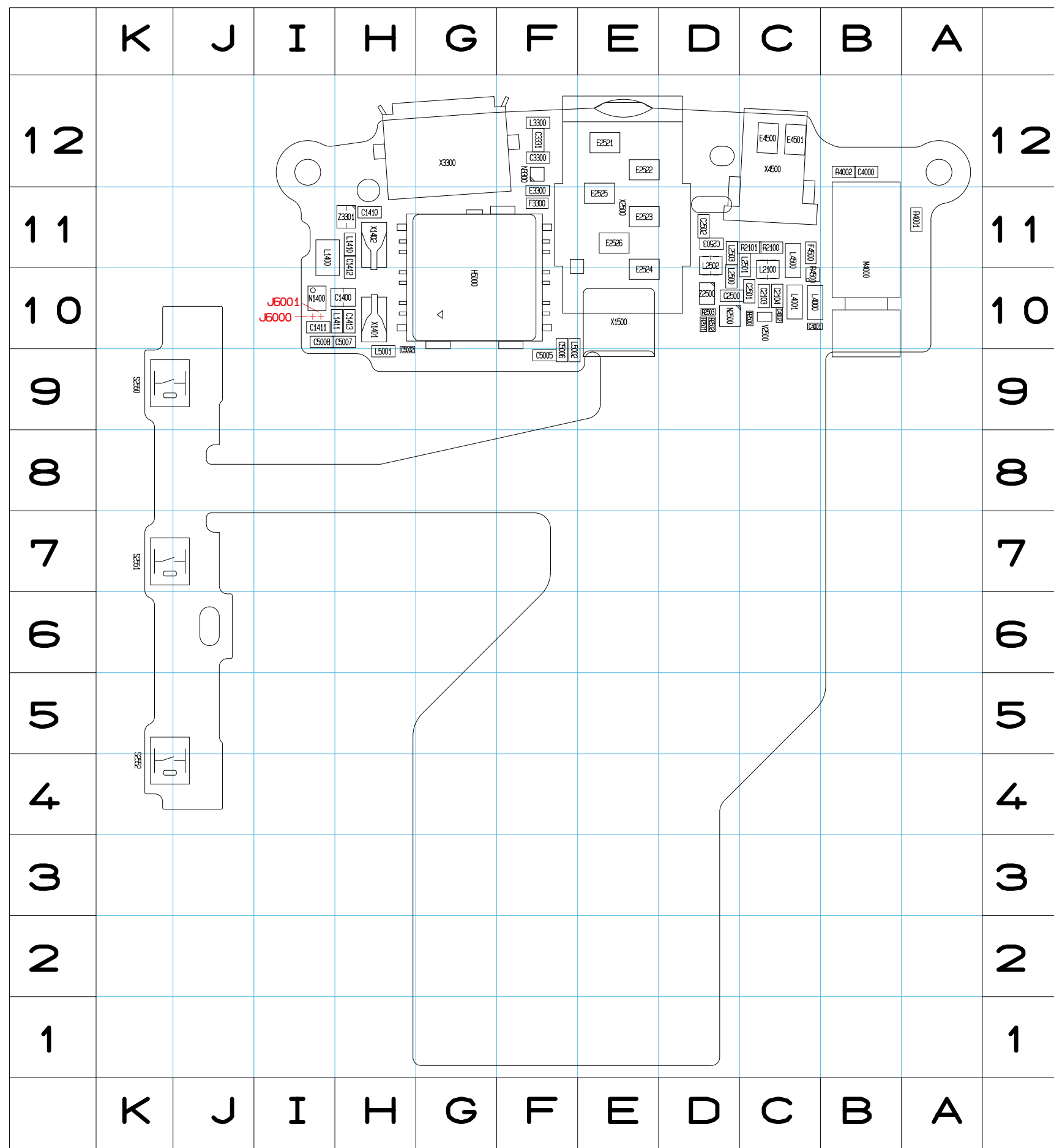




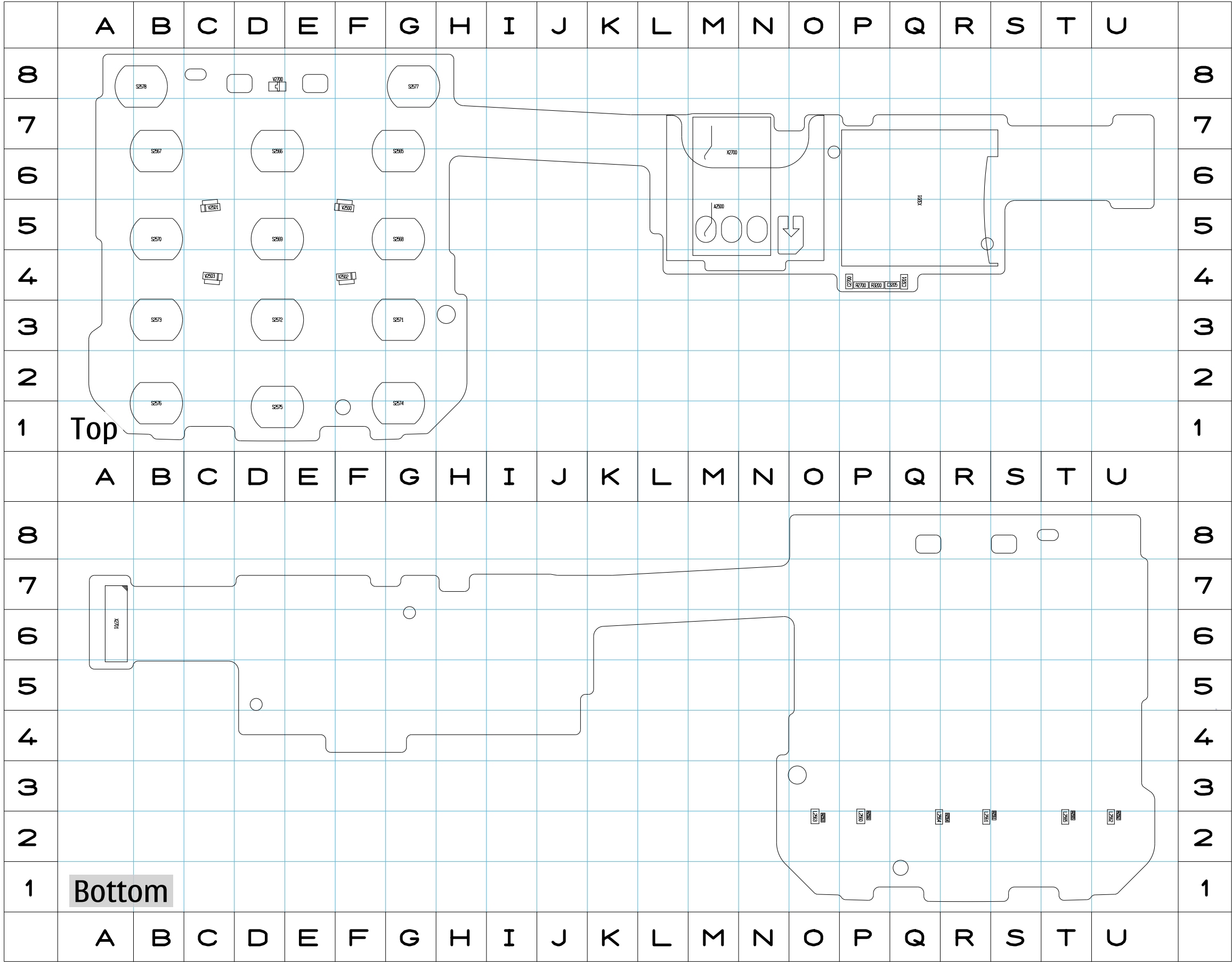




B		E2102	F12
B2100	E12	E2103	D12
C		L	
C1000	G12	L1001	G12
C1001	F12	L6000	B11
C6000	B12	N	
C6001	B12	N6000	B12
C6002	B12	R	
C6003	B12	R1000	G12
C6004	B12	X	
C6005	B12	X1100	G12
E		X1570	A12
E2100	D12	X1571	I12
E2101	F12	X6000	C12



C		E4500	C12	N3300	F12
C1400	H10	E4501	C12	R	
C1410	H11	F		R2500	C10
C1411	I10	F3300	F11	R2501	D10
C1412	H11	F4500	C11	R2502	D10
C2103	C10	H		R2503	D10
C2104	C10	H5000	G10	R4500	C10
C2501	C10	L		S	
C2502	D11	L1400	I11	S2550	K9
C2503	D11	L1410	H11	S2551	K7
C3300	F12	L1411	H10	S2552	K4
C3331	F12	L2100	C10	V	
C4000	B12	L2500	D10	V2500	C10
C4001	C10	L2501	C11	X	
C4002	C10	L2502	D11	X1401	H10
C5002	H9	L2503	D11	X1402	H11
C5005	F9	L3300	F12	X1500	E10
C5006	F9	L4000	C10	X2500	E11
C5007	H10	L4001	C10	X3300	G12
C5008	I10	L4500	C11	X4500	C12
E		L5001	H9	Z	
E2521	E12	L5002	F9	Z2500	D10
E2522	E12	M		Z3301	H11
E2523	E11	M4000	B11		
E2524	E10	N			
E2525	E11	N1400	I10		
E2526	E11	N2500	D10		



A		R2561	S2
A2500	N6	R2562	U2
C		R2563	z
C2700	P4	R2564	R2
C3201	Q4	R2565	T2
C3205	Q4	V	
L		V2500	F5
L2560	P2	V2501	C5
L2561	R2	V2502	F4
L2562	U2	V2503	C4
L2563	O2	V2700	D8
L2564	Q2	X	
L2565	T2	X2700	M6
R		X2701	A6
R2560	P2	X3201	Q6