

Service Schematics

NOKIA N93i

RM-156

Introduction

IMPORTANT:

This document is intended for use by authorized 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”.
The “Signal overview” page gives a good and fast overview about the most important signals and voltages on board.
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.

All measurements were made using following equipment:

Nokia repair SW : Phoenix version 2006.34.2.156
Oscilloscope : Fluke PM 3380A/B
Spectrum Analyzer : Advantest R3162 with an analog probe
RF-Generator / GSM Tester : Rhode & Schwarz CMU 200
Multimeter : Fluke 73 Series II

While every endeavour 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.

Please send E-Mail to: training.sace@nokia.com



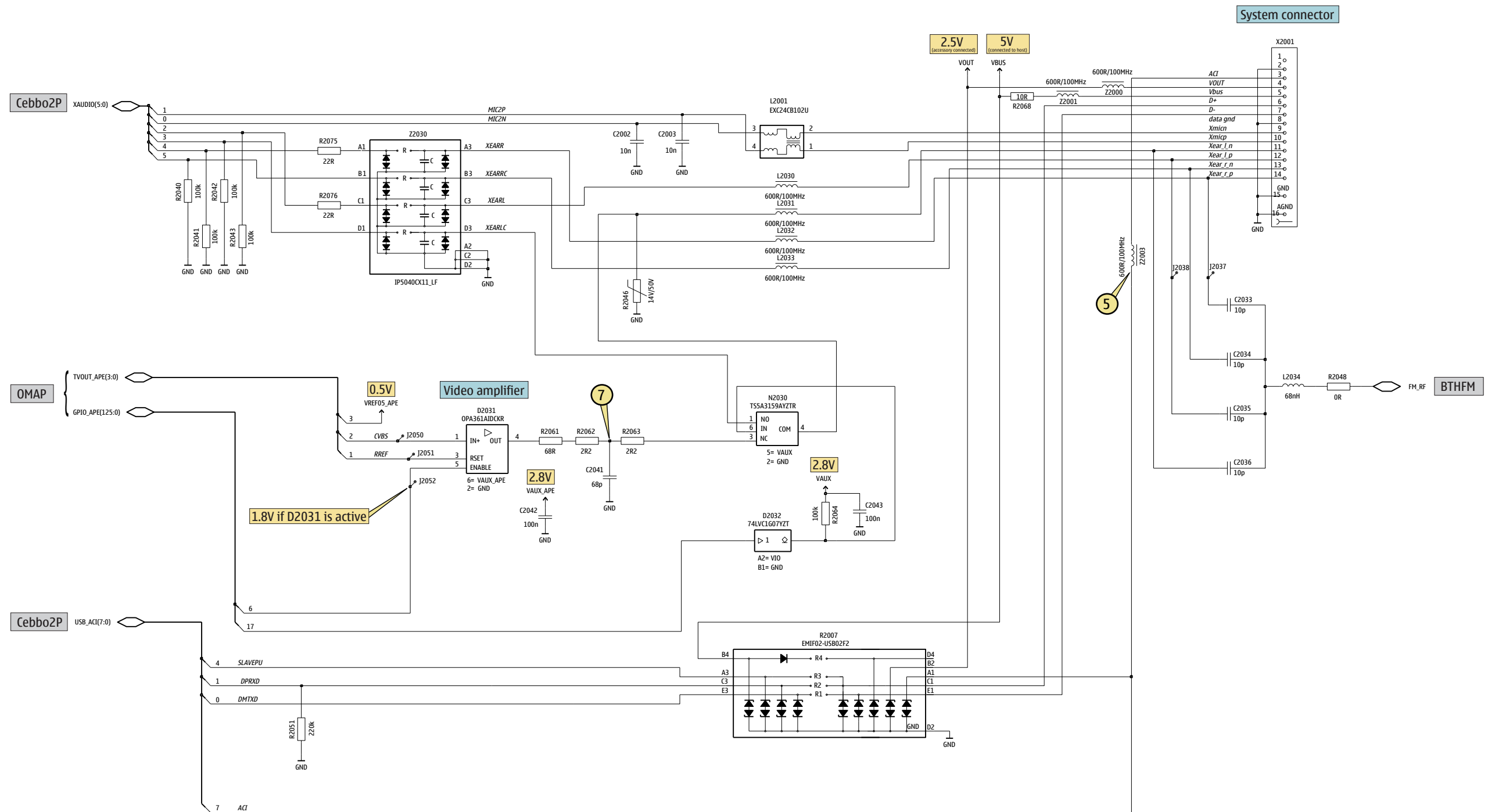
A NEW FEATURE FOR ON-LINE USE

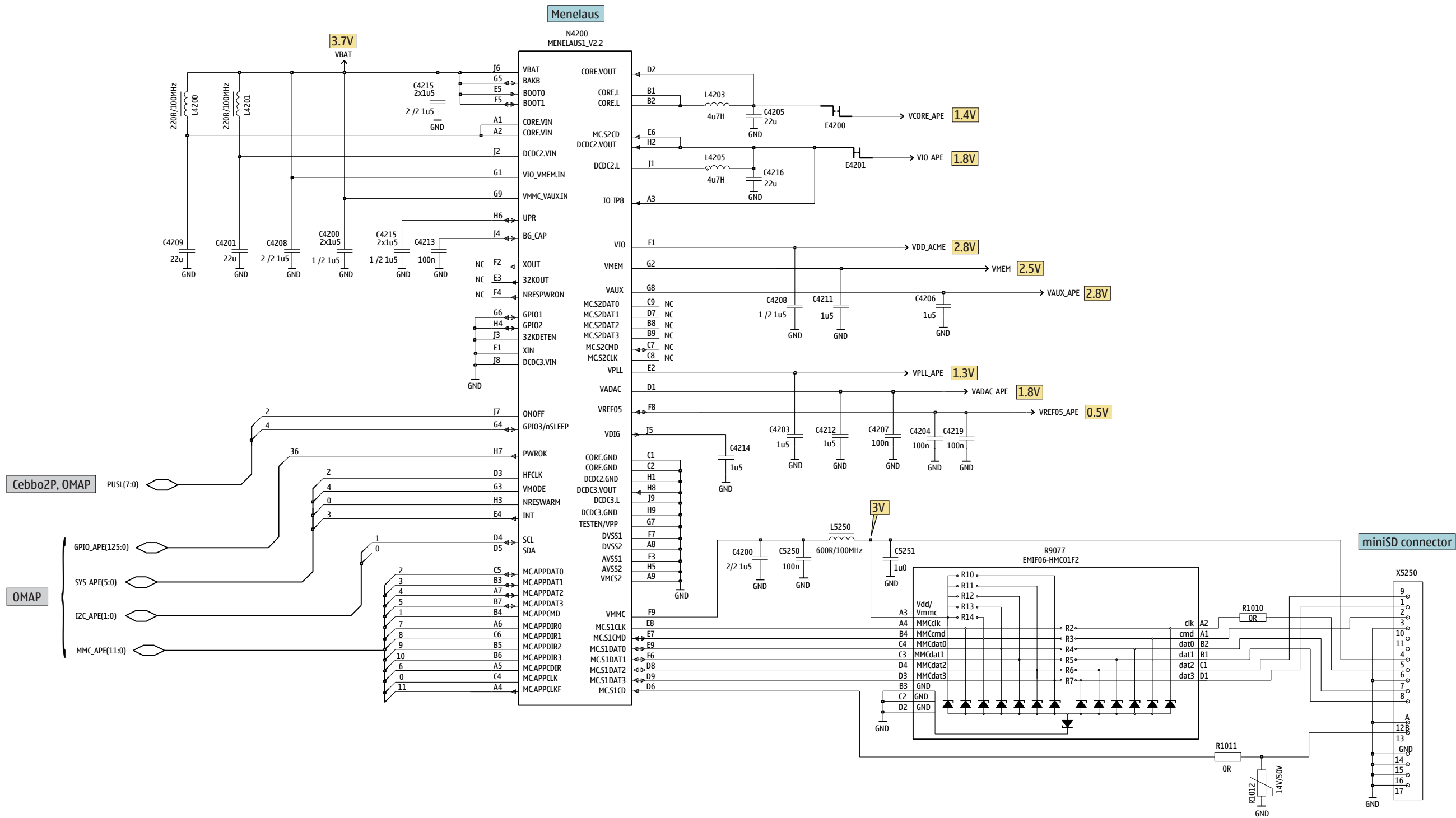
We have now linked those measurement points ① which are related to the oscillograms shown on the signal overview page. As example: clicking on the measurement point ① guides you to the matching oscillogram on the signal overview page. The next click onto the now shown signal guides you to the related measurement point on the module. Finally, a third click, now onto the measurement point ① on the module, takes you back to the starting point inside the schematics.

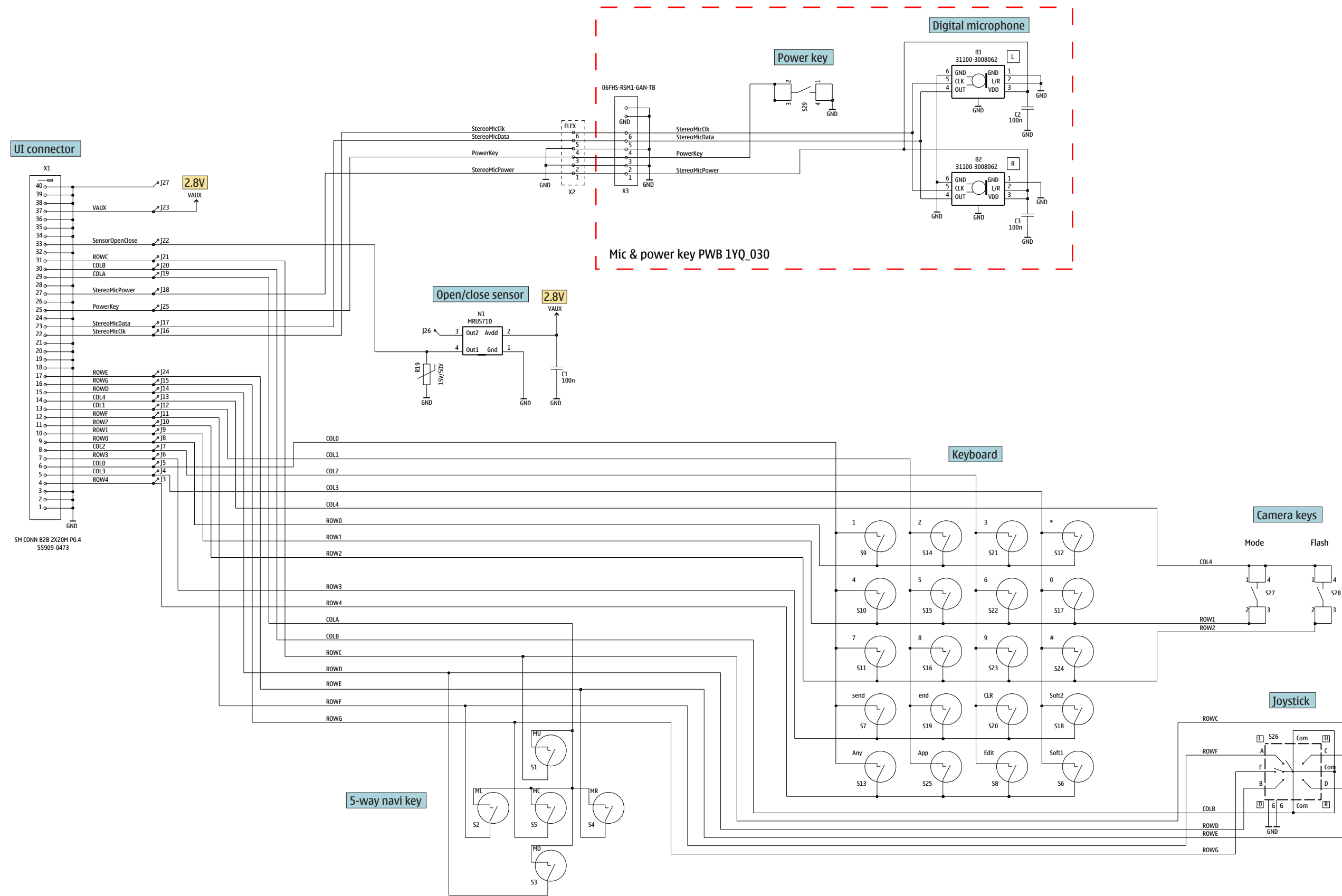
Do you have further improvement ideas or would like to give us feedback?
Please send an email to: training.sace@nokia.com

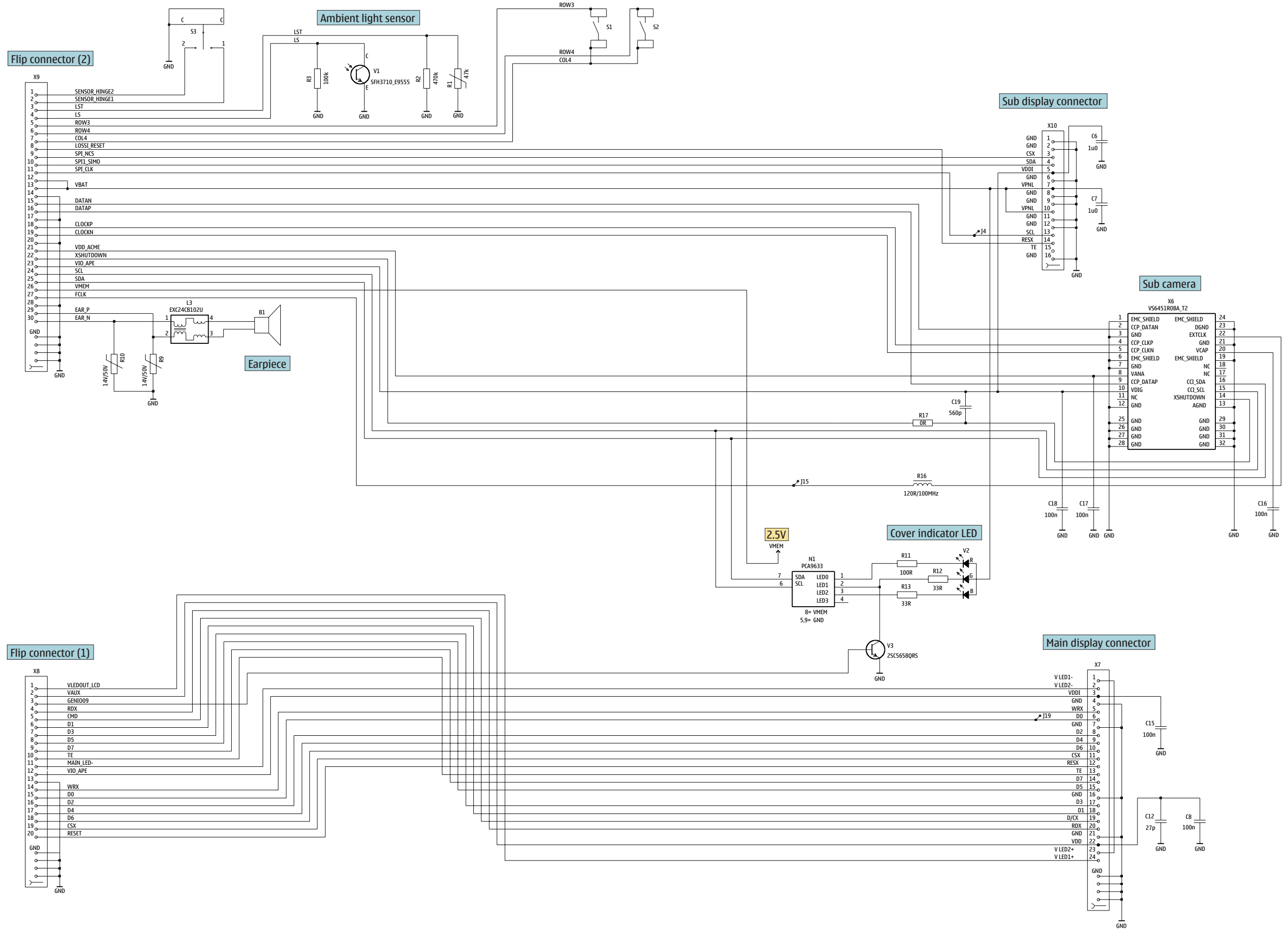
Table of Content	
Front page	1
System connector	2
Cebbo2P	3
Menelaus	4
OMAP	5
User interface	6
Flip PWB	7
Bluetooth, FM radio & WLAN	8
RF part	9
Signal overview	10
Component finder	11

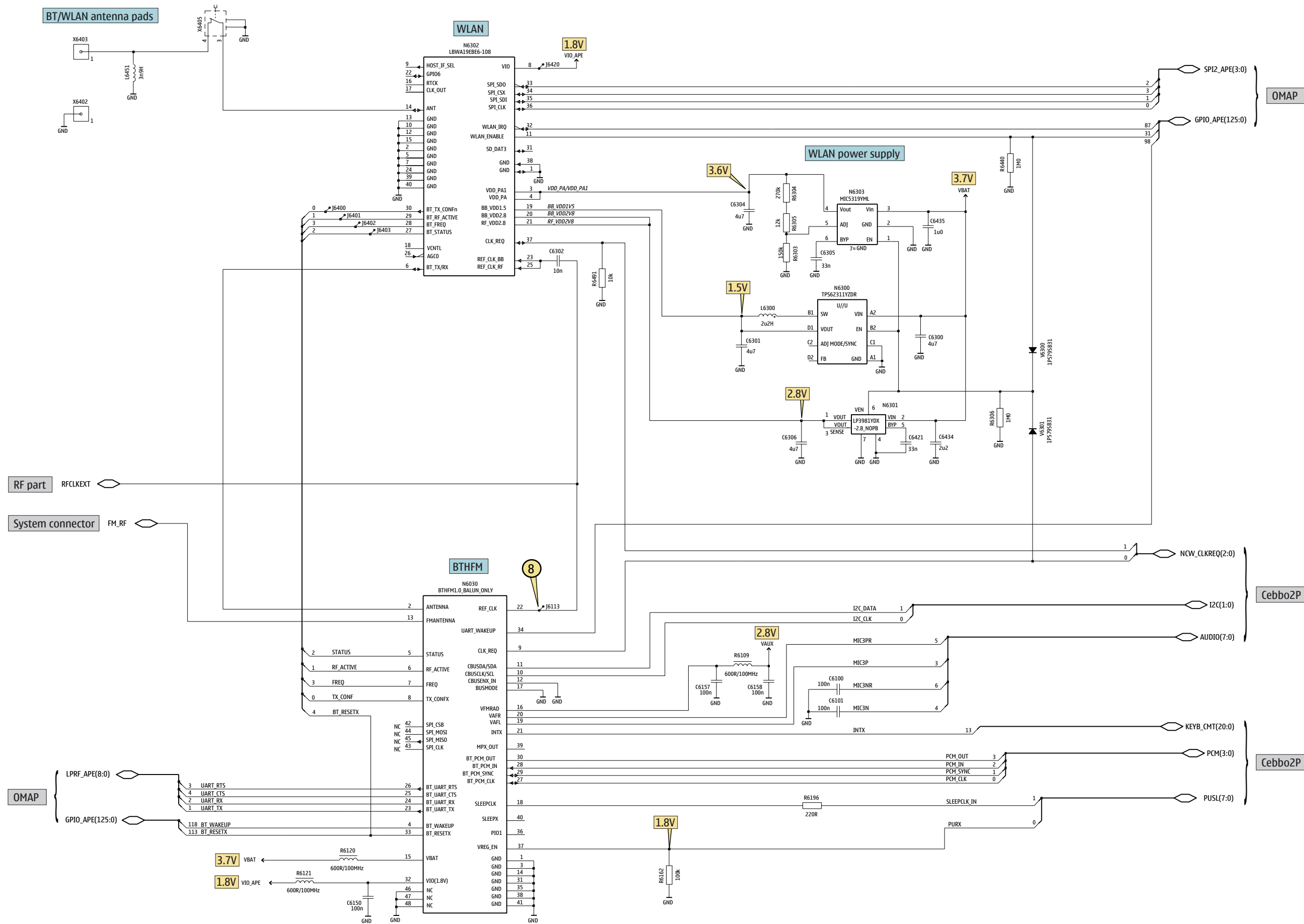
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C	F5	J3115	E9	L8904	I11	R8727	D14		
C1001	F15	C7587	F4	J3116	K11	L8910	G12	R8728	E16
C2000	C4	C7600	I6	J3117	K11	L8911	H11	R8729	F16
C2002	D7	C7612	H5	J3118	H9	L8990	I11	R8732	I12
C2003	D7	C7621	E6	J4800	G15	L9900	K11	R8733	I12
C2033	C5	C7660	J6	J4801	H15	L9902	G11	R8748	D13
C2034	C5	C7663	E6	J4802	I15	L9928	G3	R8800	F15
C2035	C5	C7664	J4	J4803	I15	L9929	J5	R8801	K12
C2036	C5	C8521	D16	J4804	E14	L9933	F8	R8902	K11
C2039	C4	C8522	K12	J4810	F12	M		R8903	K10
C2041	I13	C8704	I15	J4813	I14	M2150	E3	R8933	I12
C2042	I13	C8705	I14	J4814	E15	N		R8941	I13
C2043	C7	C8706	H15	J4815	I14	N2030	C7	R8942	K10
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C2153	F5	C8709	I15	J4820	F12	N4850	I15	R9102	C11
C2155	I4	C8710	I14	J4822	F12	N6030	C8	R9133	H4
C2156	I4	C8711	I14	J4824	H12	N6300	E12	R9404	D9
C2157	I4	C8712	I14	J4825	H15	N6301	F13	R9406	H8
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C4215	C15	C9107	J5	J5059	F6	R1003	E15	V8731	E14
C4216	D14	C9300	K10	J5060	F7	R1010	G7	X	
C4219	H15	C9301	I5	J6113	D8	R1011	G6	X2001	B7
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C5250	F7	E1001	I3	L2031	C7	R5063	I13	Z9065	J5
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C7524	E6	J3112	E7	L8700	I14	R8723	D13		
C7525	E7	J3113	E6	L8720	D15	R8724	D14		
C7526	E6	J3114	G13	L8903	H13	R8726	D14		

