

Service Schematics



RM-140



Introduction

Important:

This document is intended for use by authorized 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”, “Frequency band table” or “Antenna switch table”.
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 : Advanced 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 should 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 , which are related to the oscillograms shown on the signal overview page. As example: clicking on the measurement point 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 on the module, takes you back to the starting point inside the schematics.

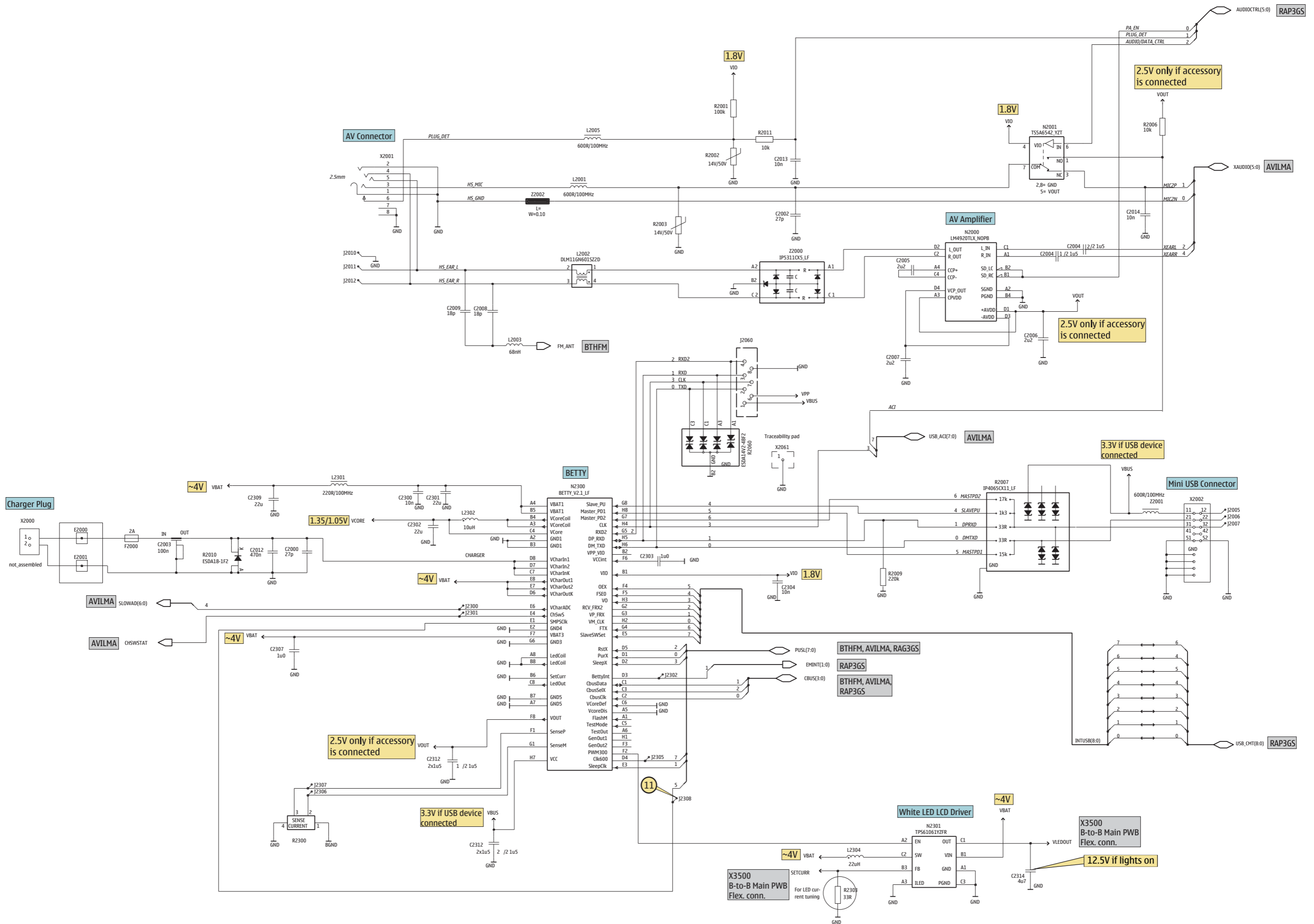
Do you have further improvement ideas or would like to give us feedback?
Please send an email to: training.sace@nokia.com

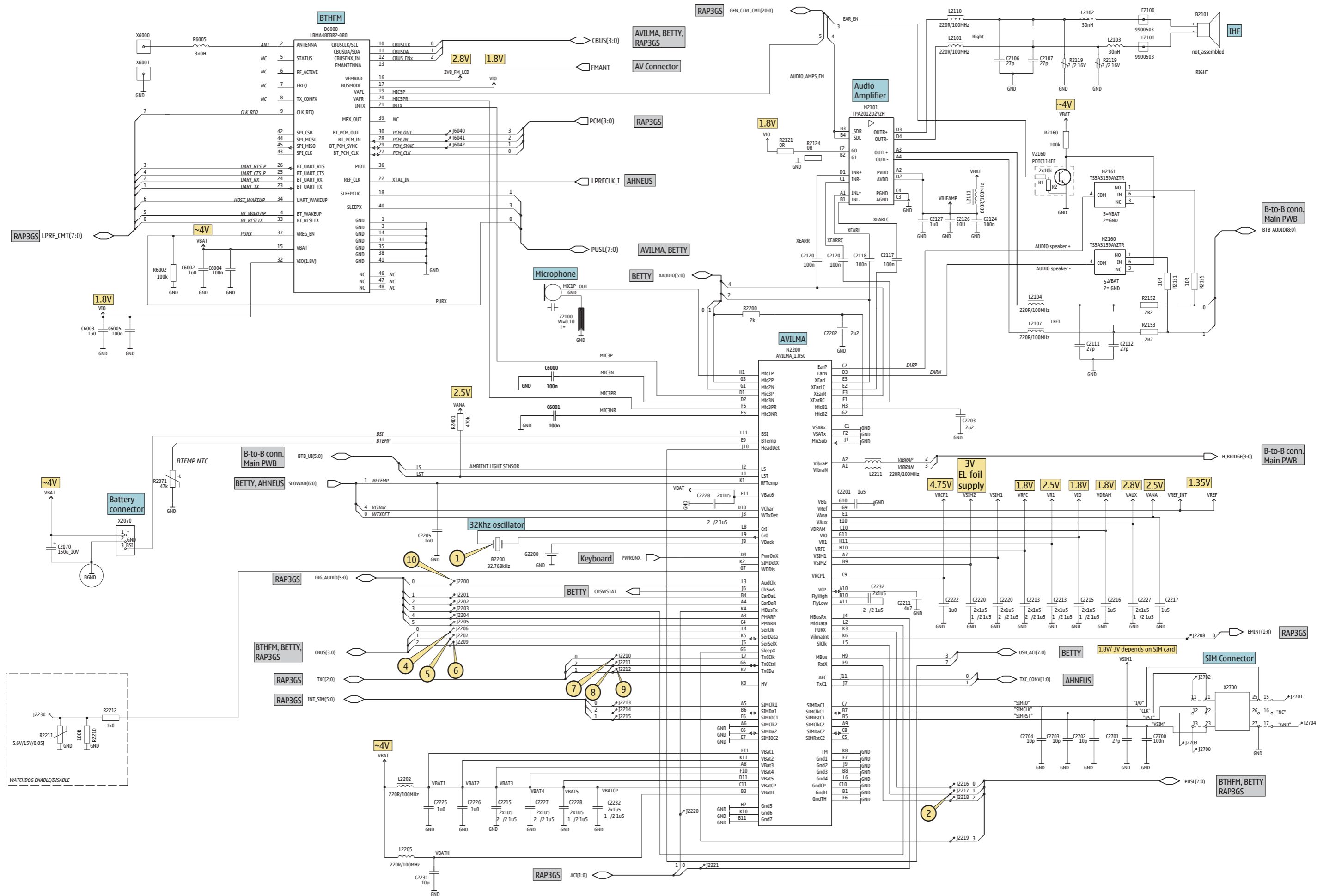
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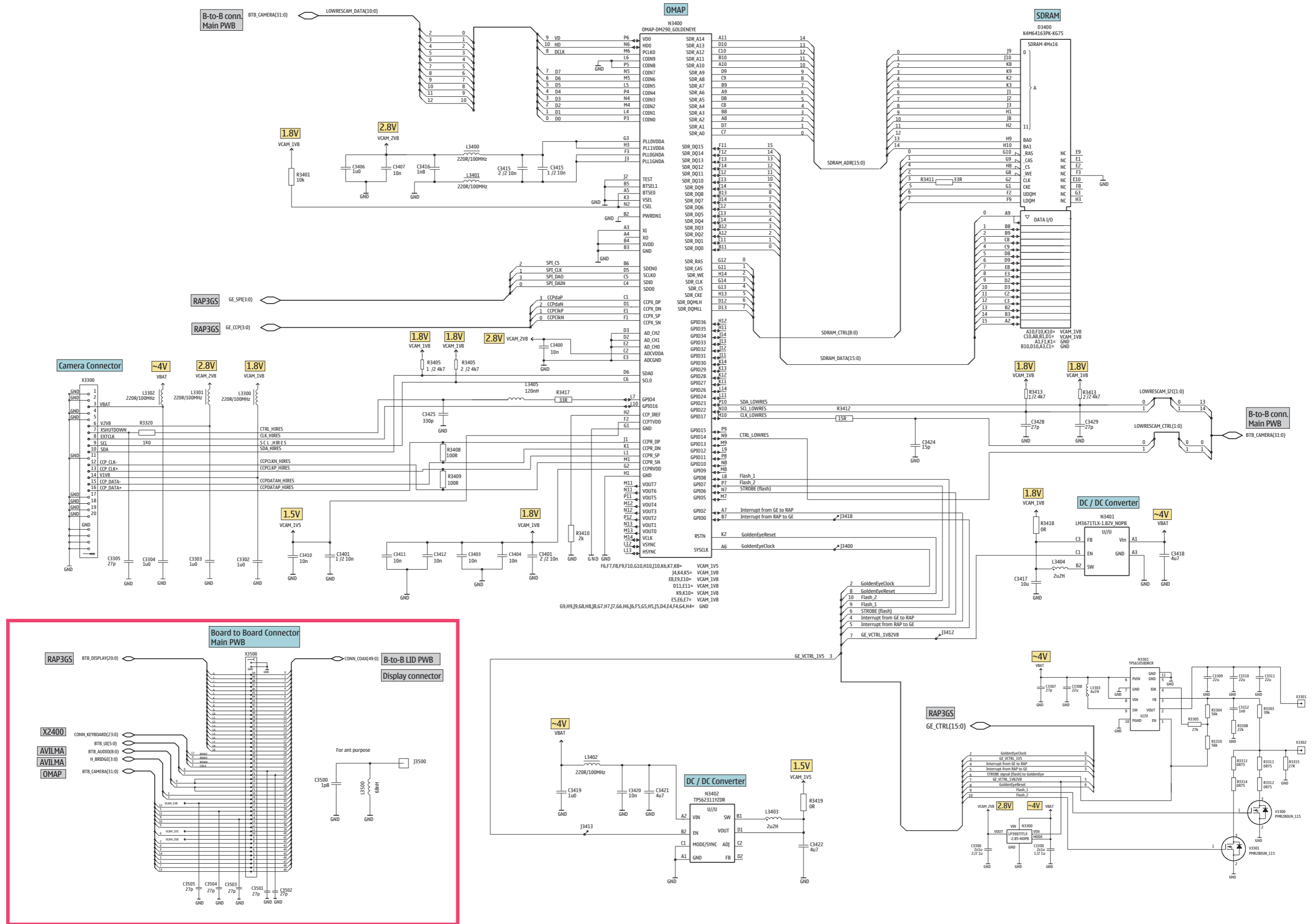
Frontpage	1
AV connector, BETTY, USB	2
AVILMA,BTFM, SIM, Audio	3
OMAP, Camera, B-to-B connector	4
RAP3GS, Combo memory, Keyboard	5
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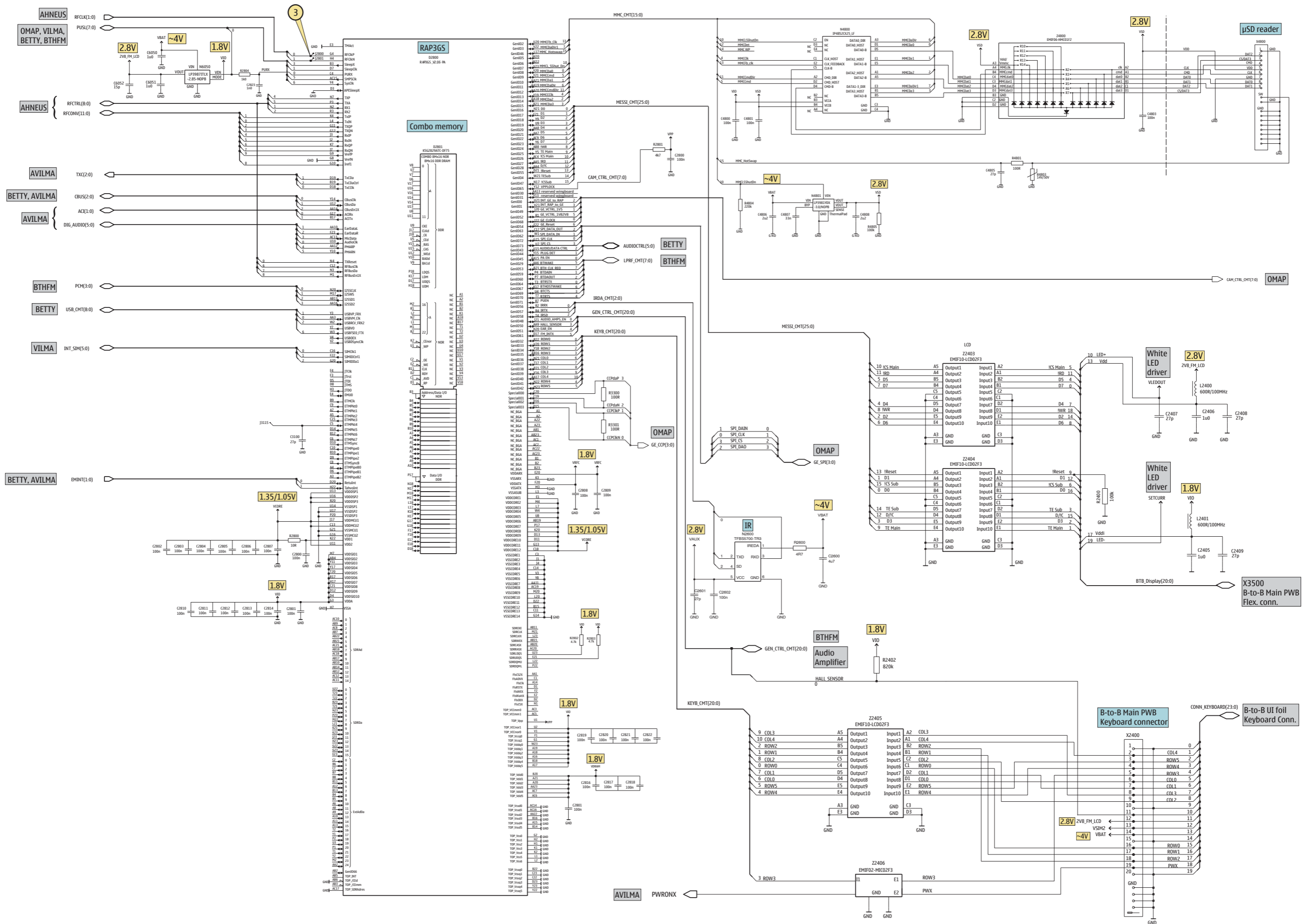
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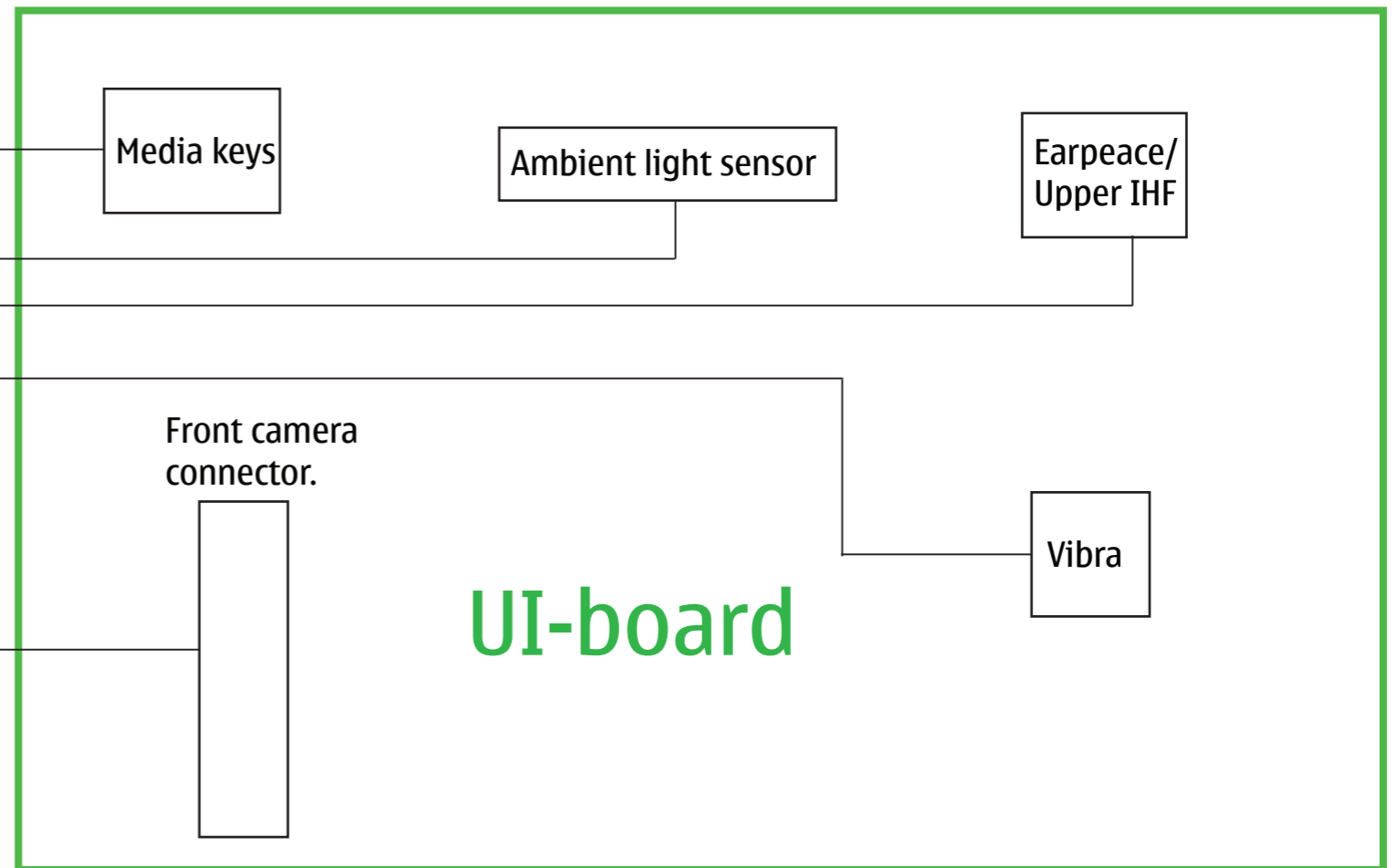
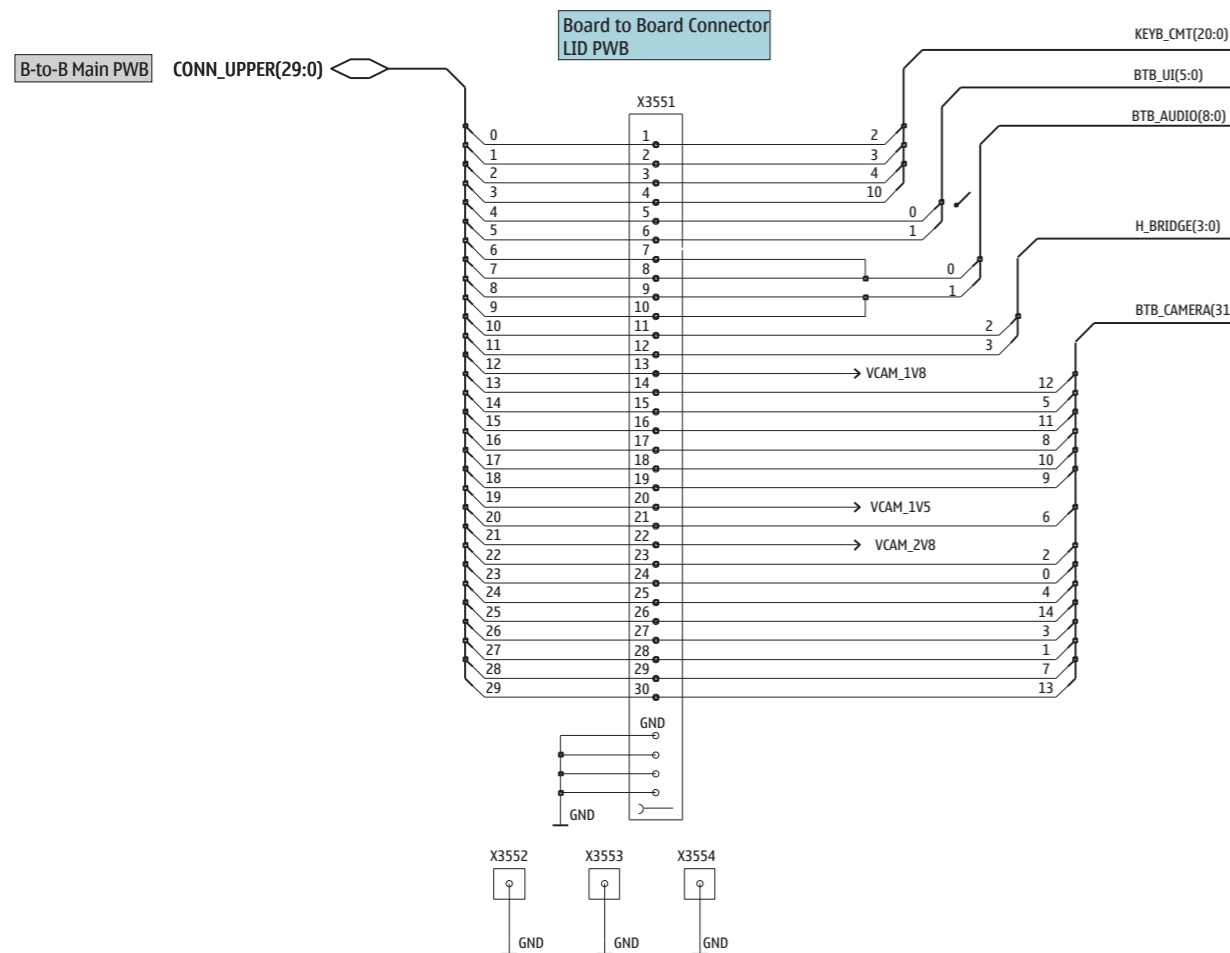
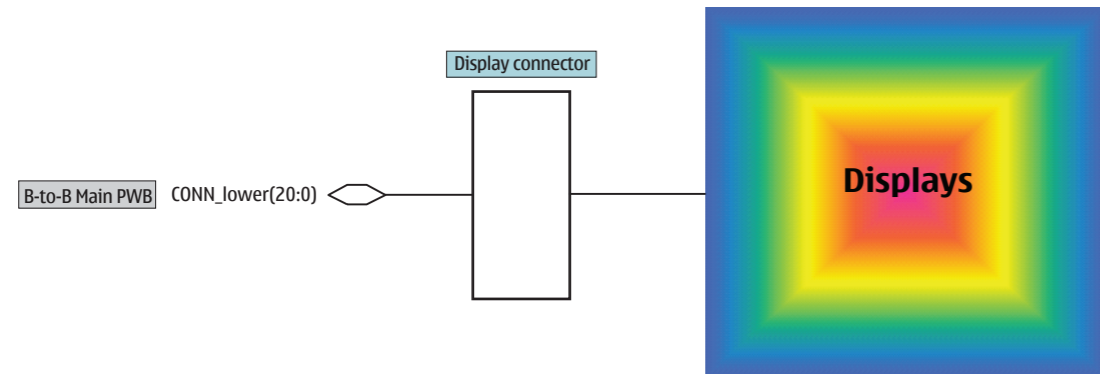
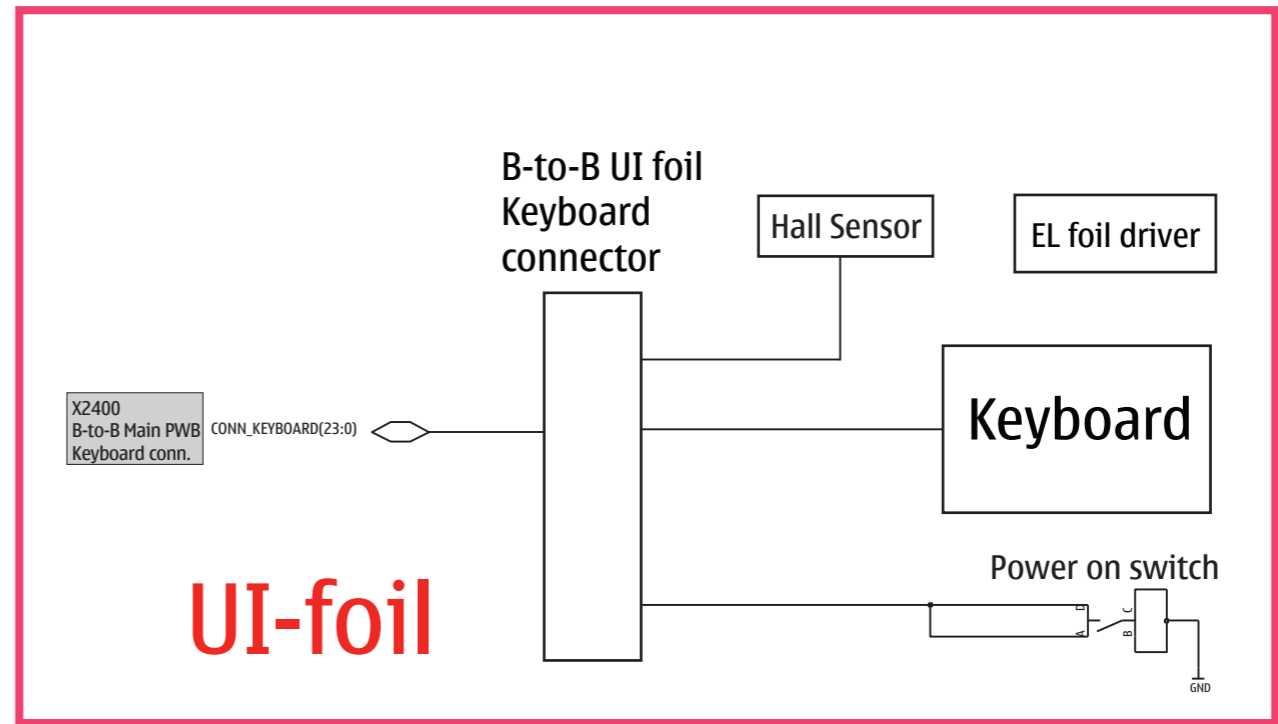
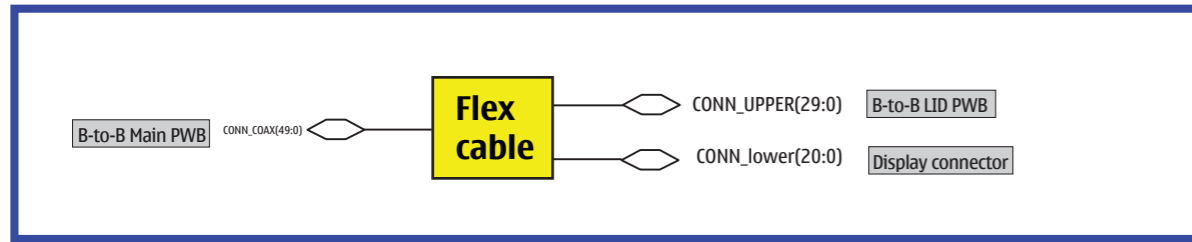
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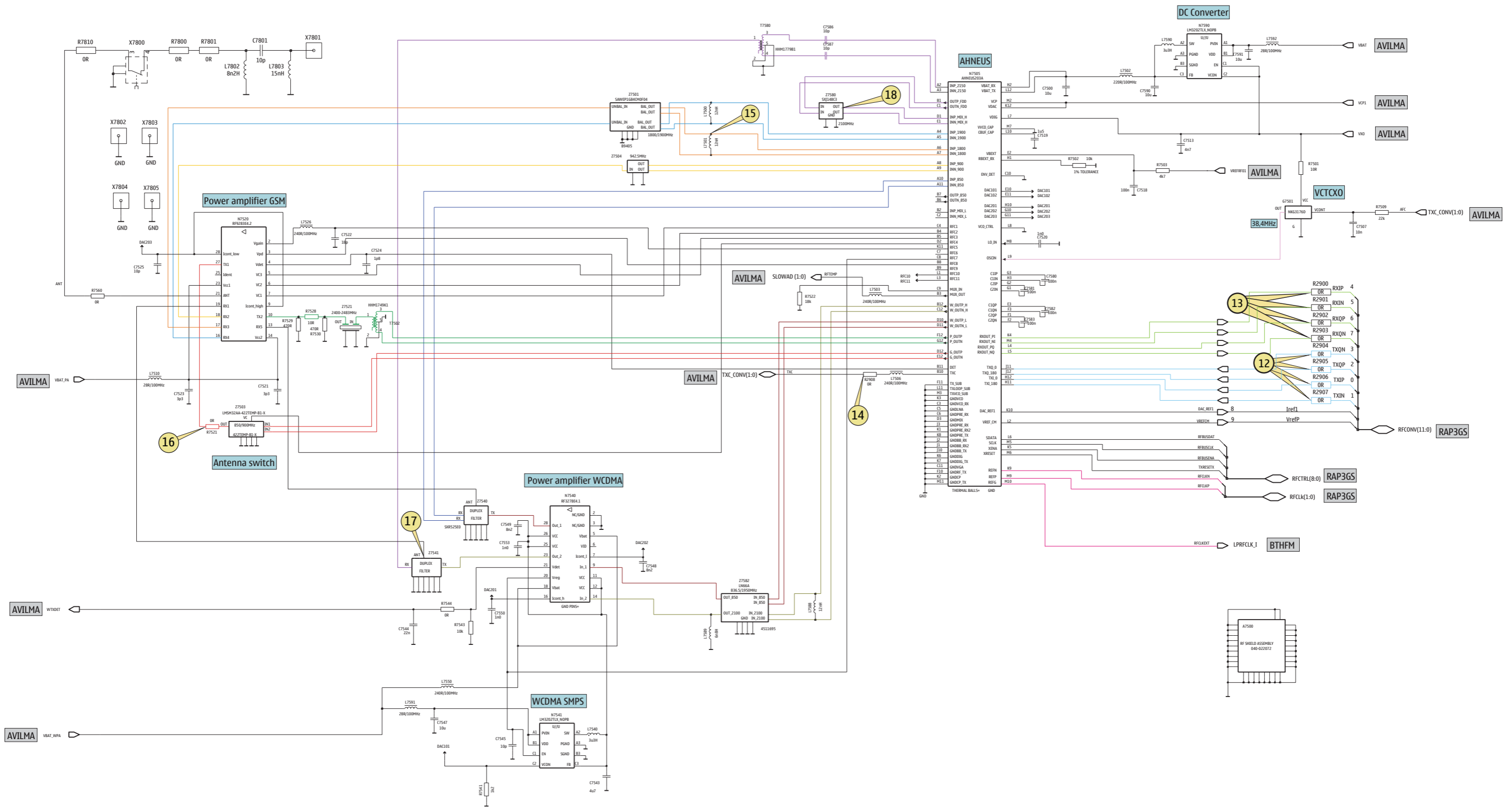


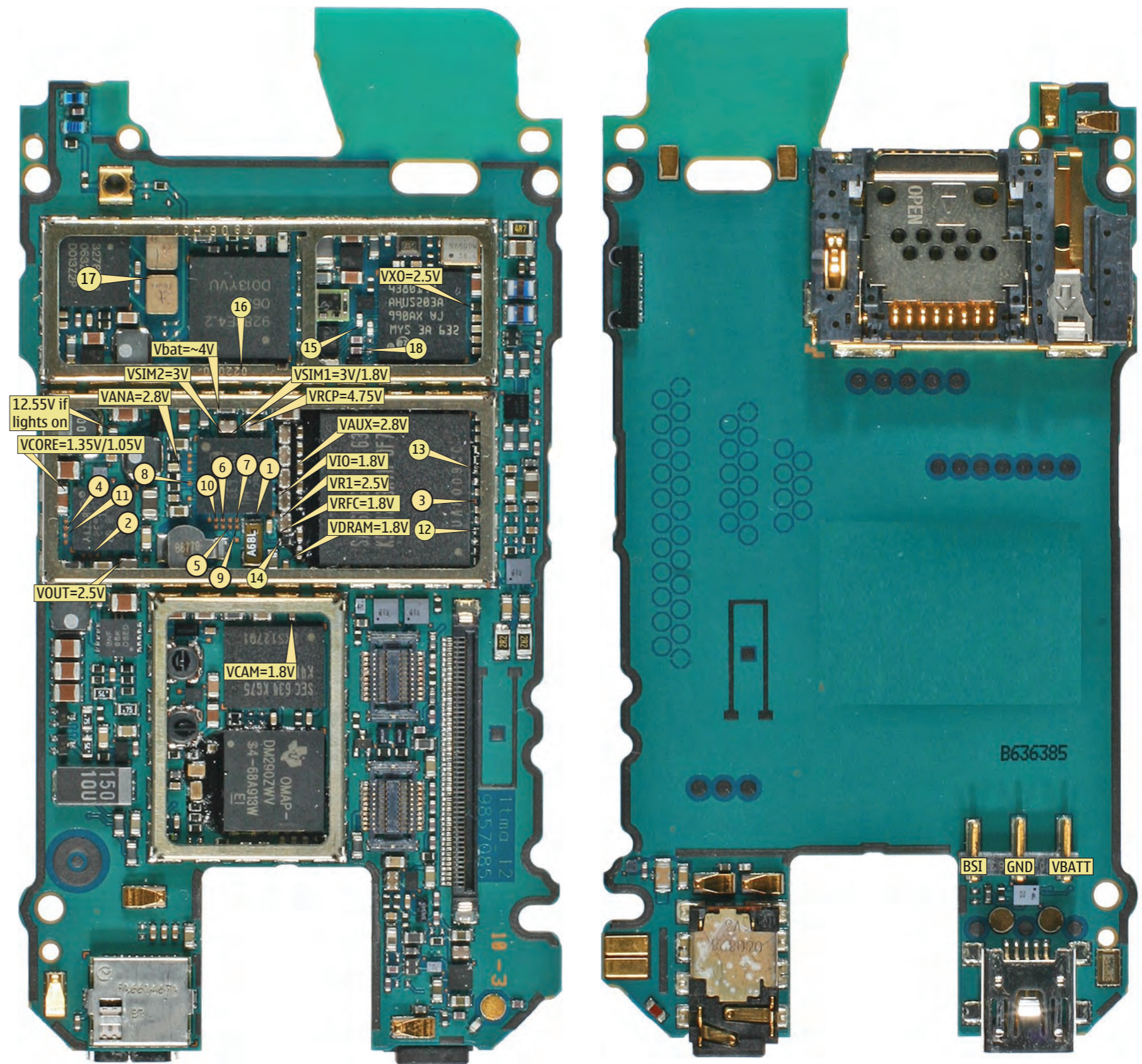
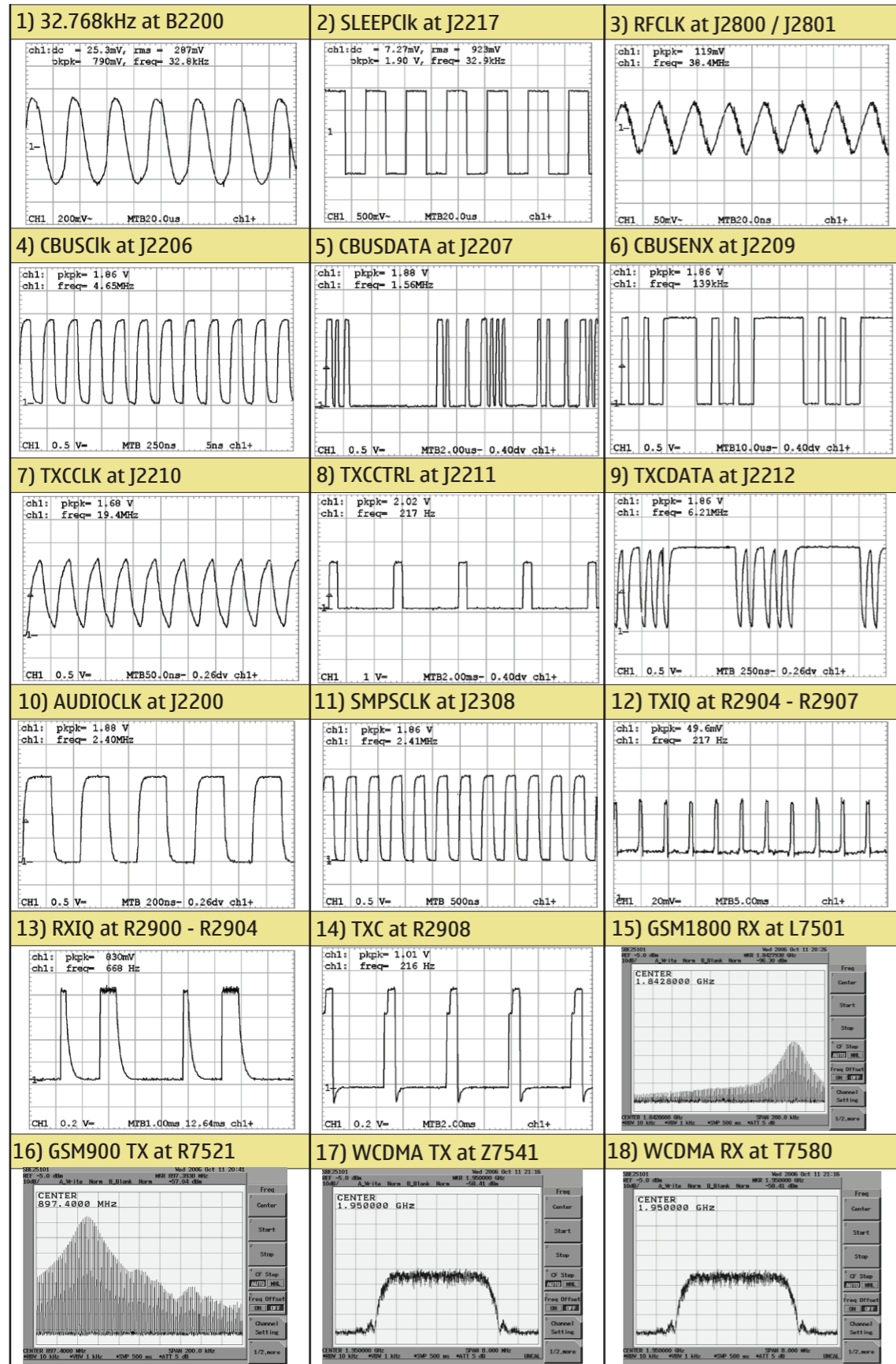












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C2013	P7	C3100	J8	C7583	G8	J3119	H7	N7520	F5	R7501	F8
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