

Service Schematics



RM-505/RM-507

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 the following equipment:

Nokia repair SW	: Phoenix 2009.12.002.38101
Oscilloscope	: PicoScope 3206
Spectrum Analyzer	: Advantest R3162
Multimeter	: Fluke 175

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: TrainingAndVendor.Development@nokia.com

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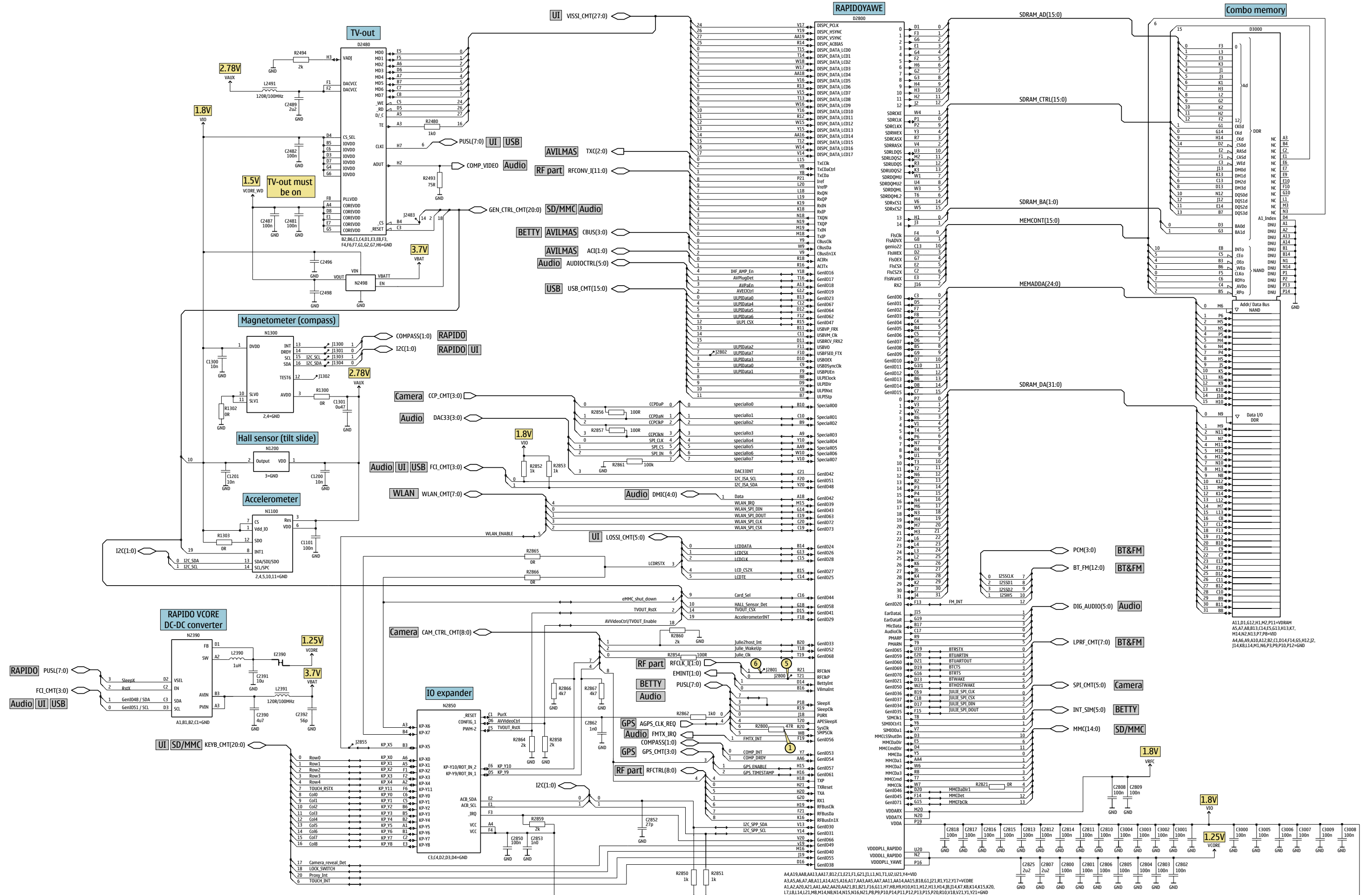
We have now linked those measurement points ① which are related to the ocsillograms shown on the signal overview page. As example: clicking on the measurement point ① guides you to the matching oscillogram on the signal overview page. The next click onto the now shown signal guides you to the related 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.

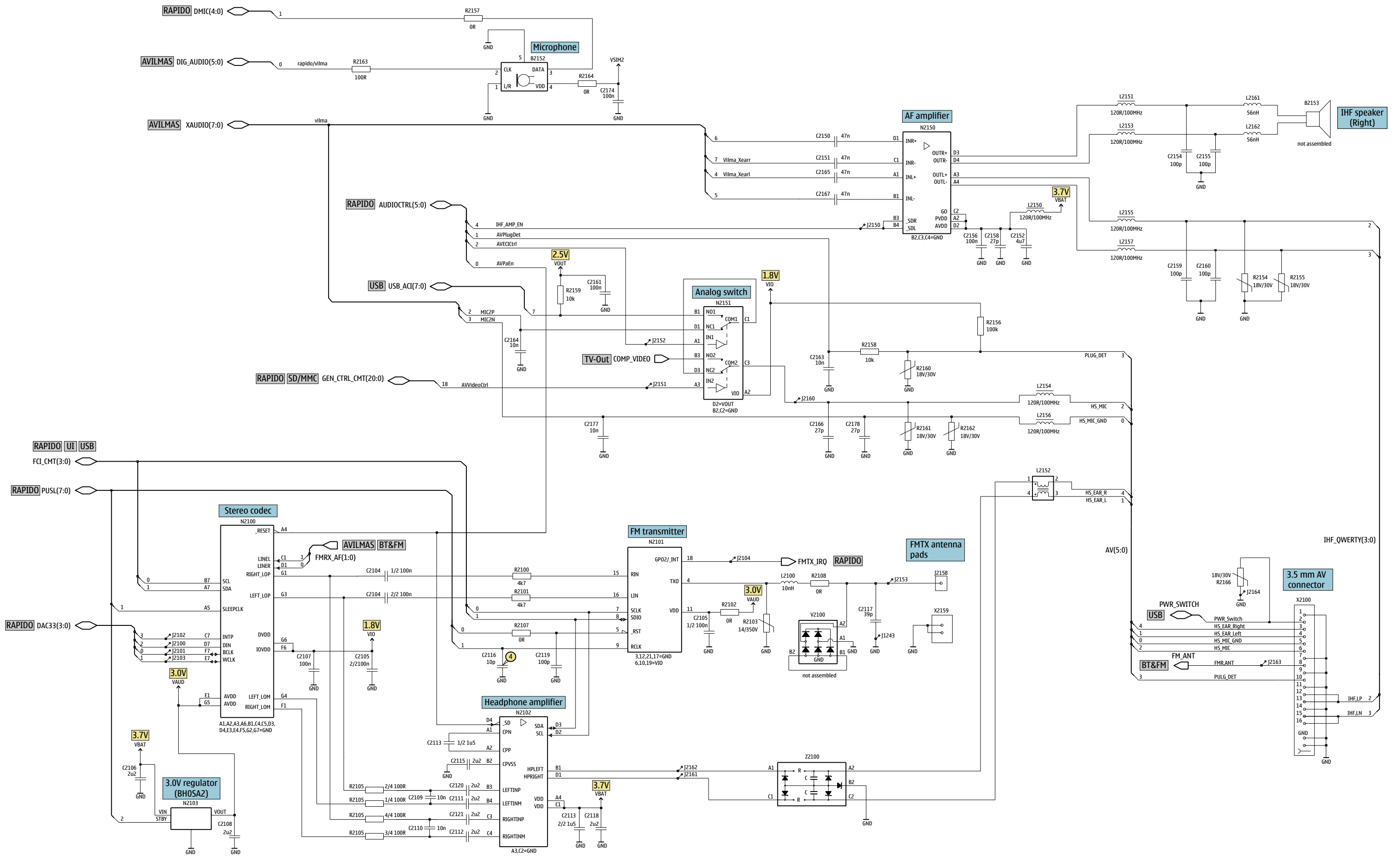


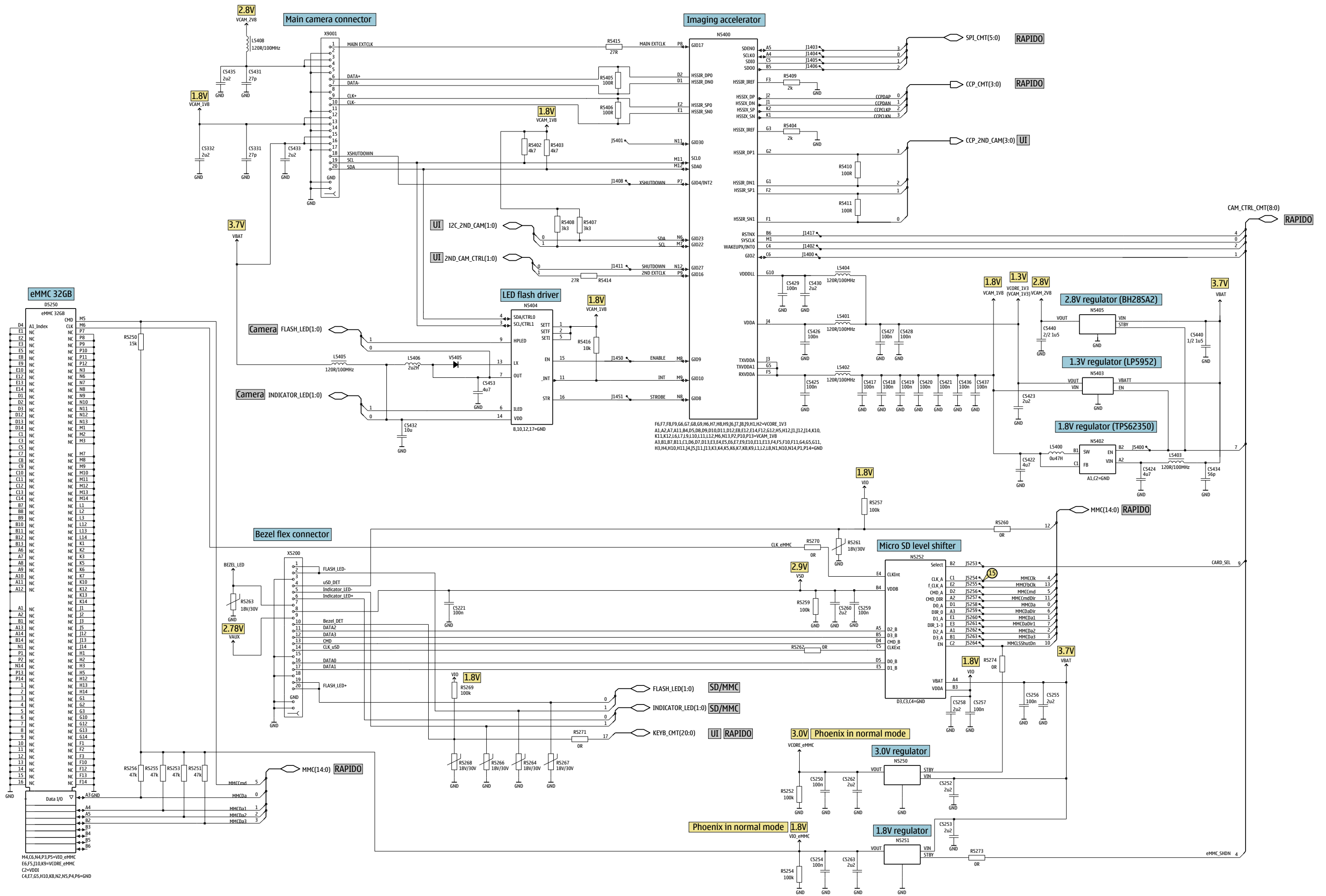
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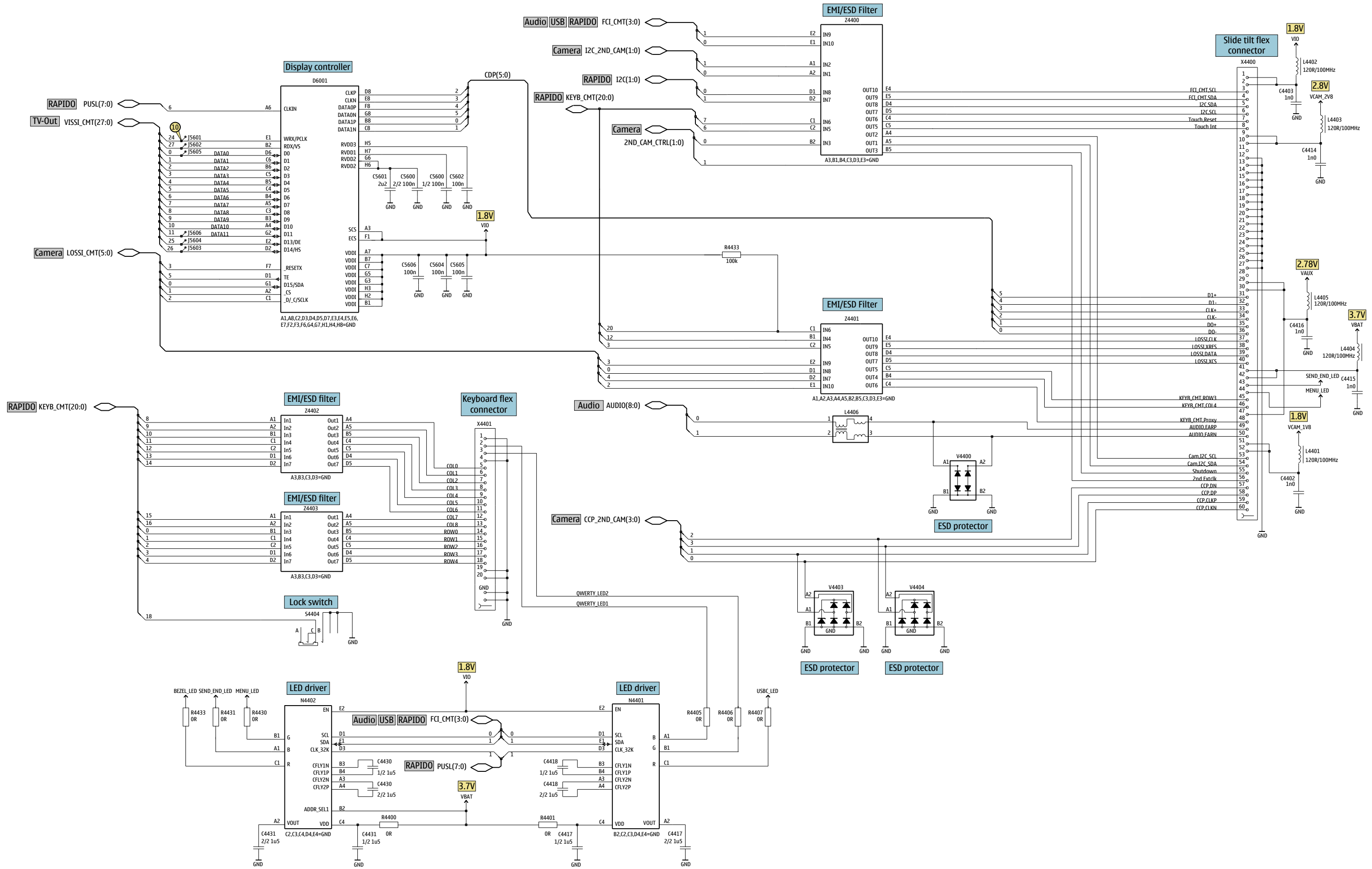
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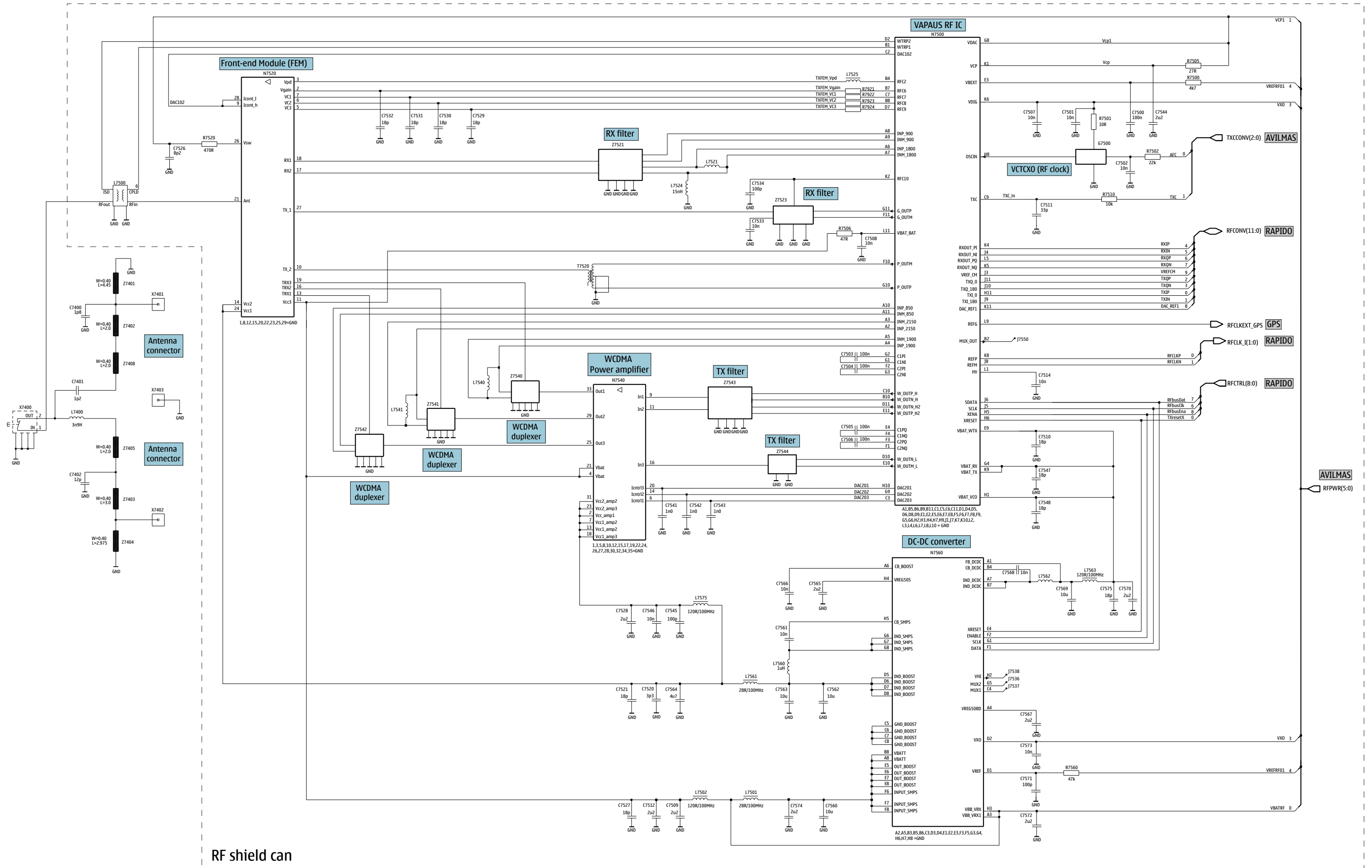
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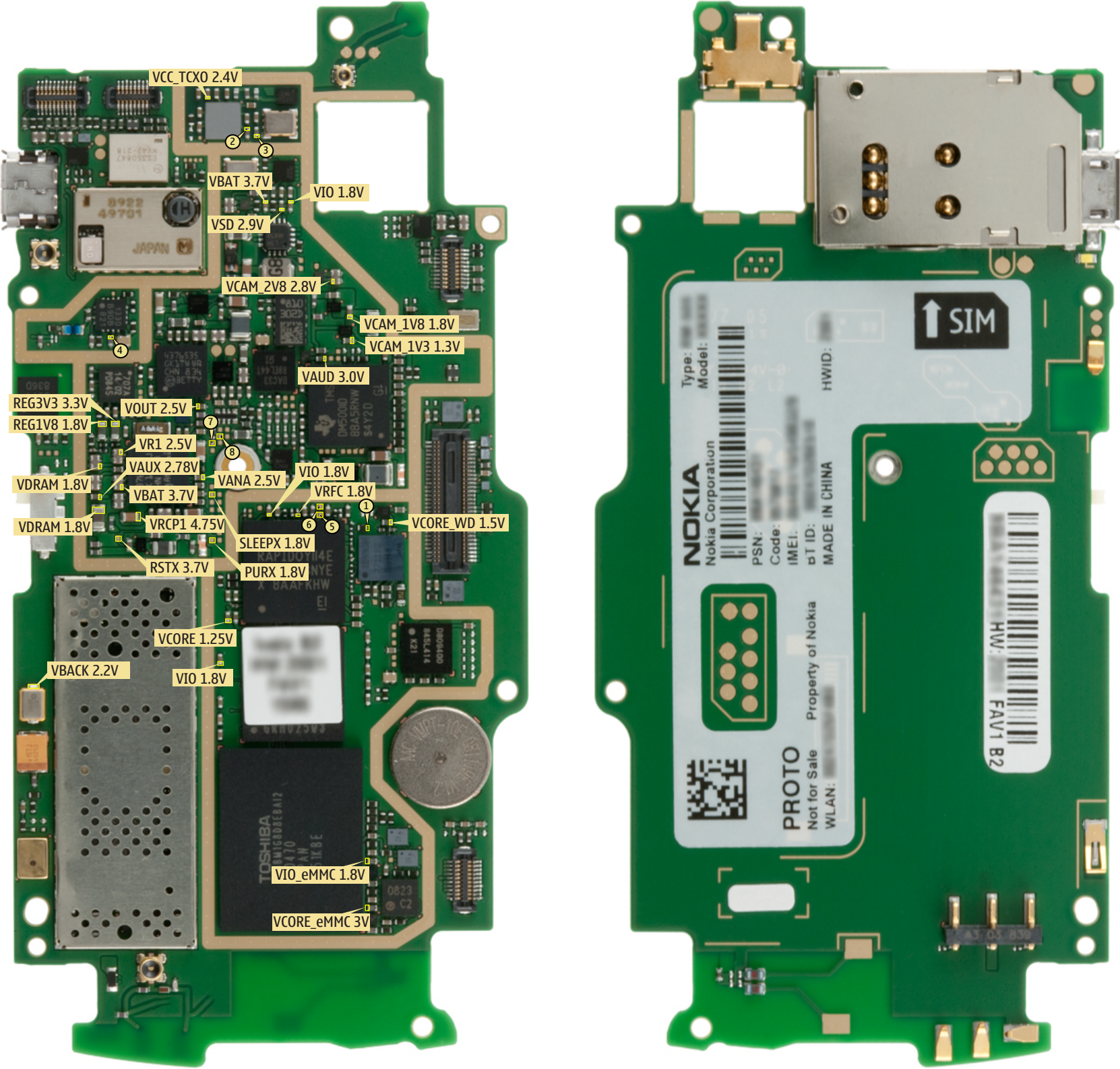
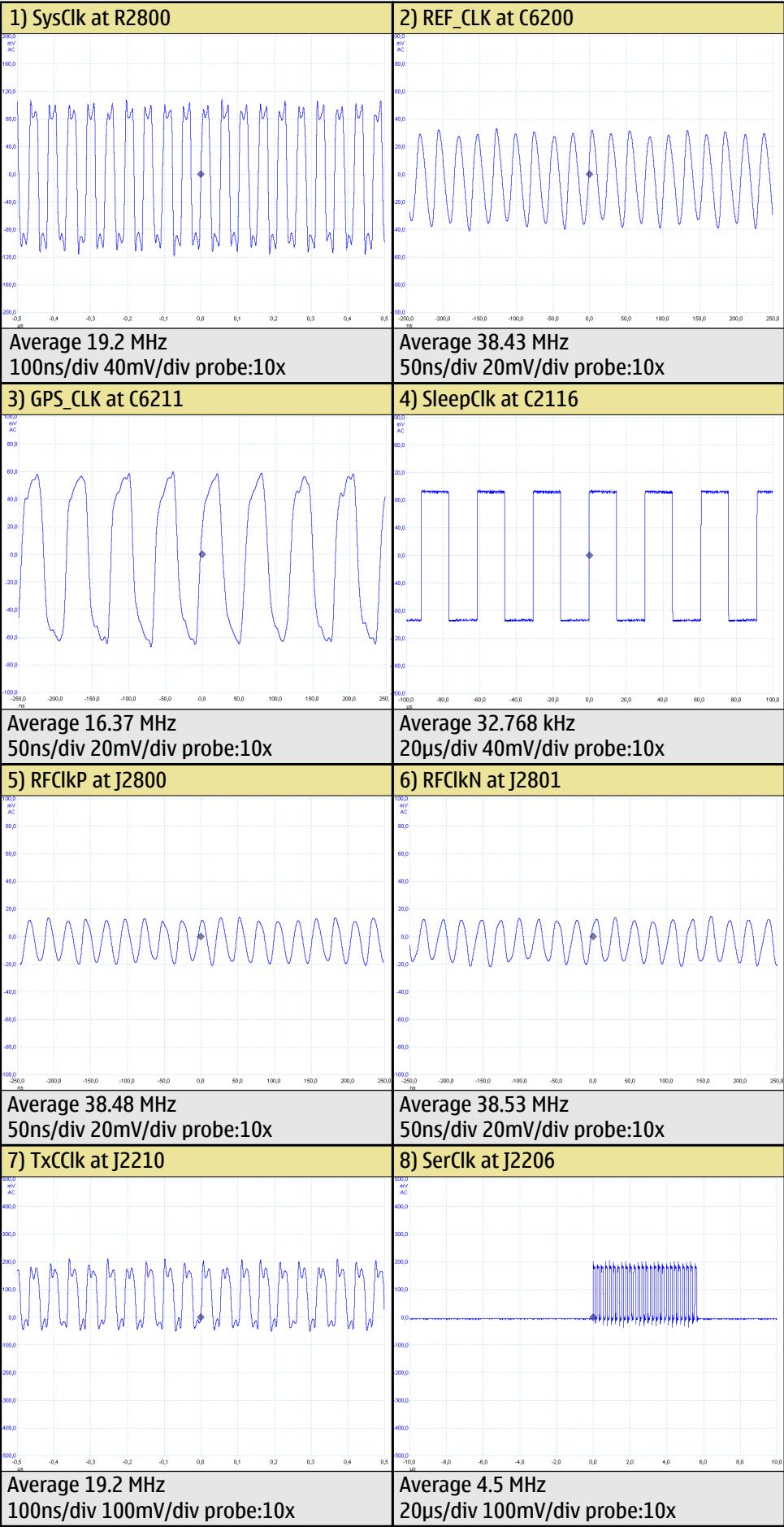


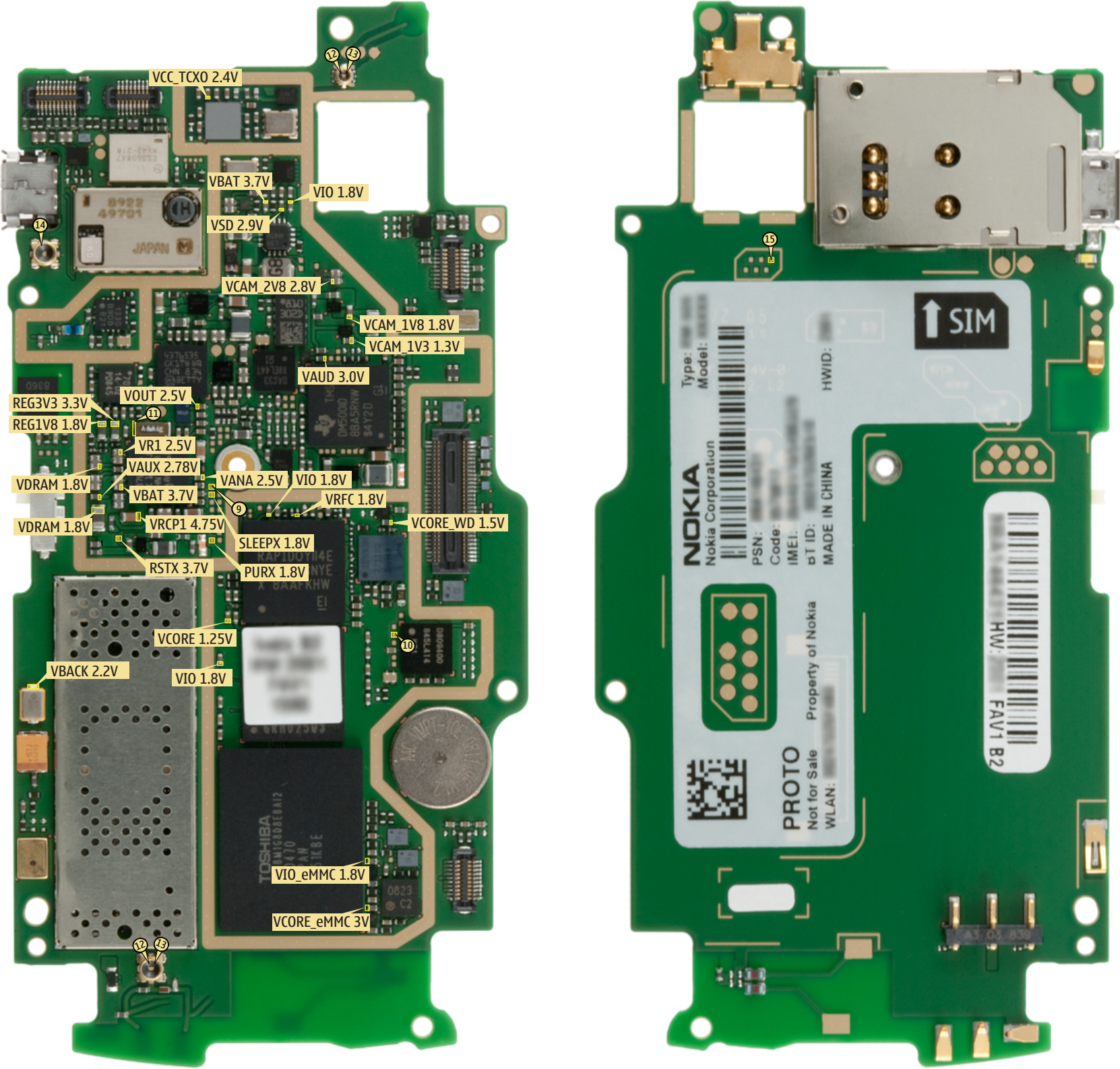
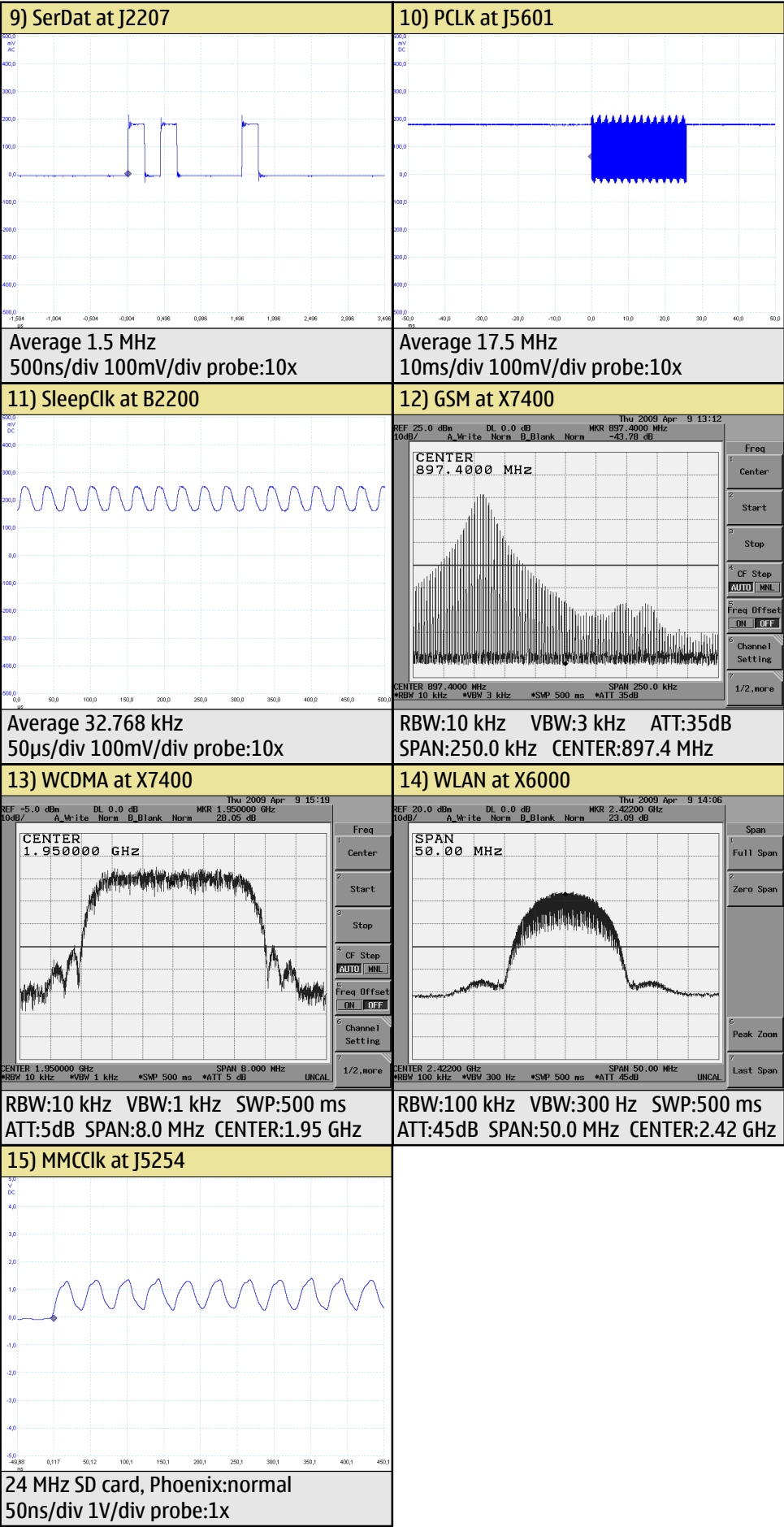












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A7500	D8	C2238	J6	C3350	F21	C6212	E20	G6200	G20	N2102	E15	R2861	H11	R6001	E19
B		C2239	J6	C3351	F21	C6300	F18	G6300	F19	N2103	G16	R2862	I4	R6201	E20
B2152	B6	C2240	J6	C3352	F21	C6302	F19	G7500	C11	N2150	G13	R2864	I6	R6303	E19
B2200	D14	C2300	D15	C3353	F20	C7400	C3	H		N2151	E14	R2865	J9	R6454	F18
C		C2303	E16	C3354	F21	C7401	D3	J2158	B16	N2200	D13	R2867	I11	R7500	E10
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C2230	C12	C3315	E21	C6207	F20	F	N1200	I16		R2857	F11	R5414	H15		
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