

Service Schematics

NOKIA 6085

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

RM-198



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.

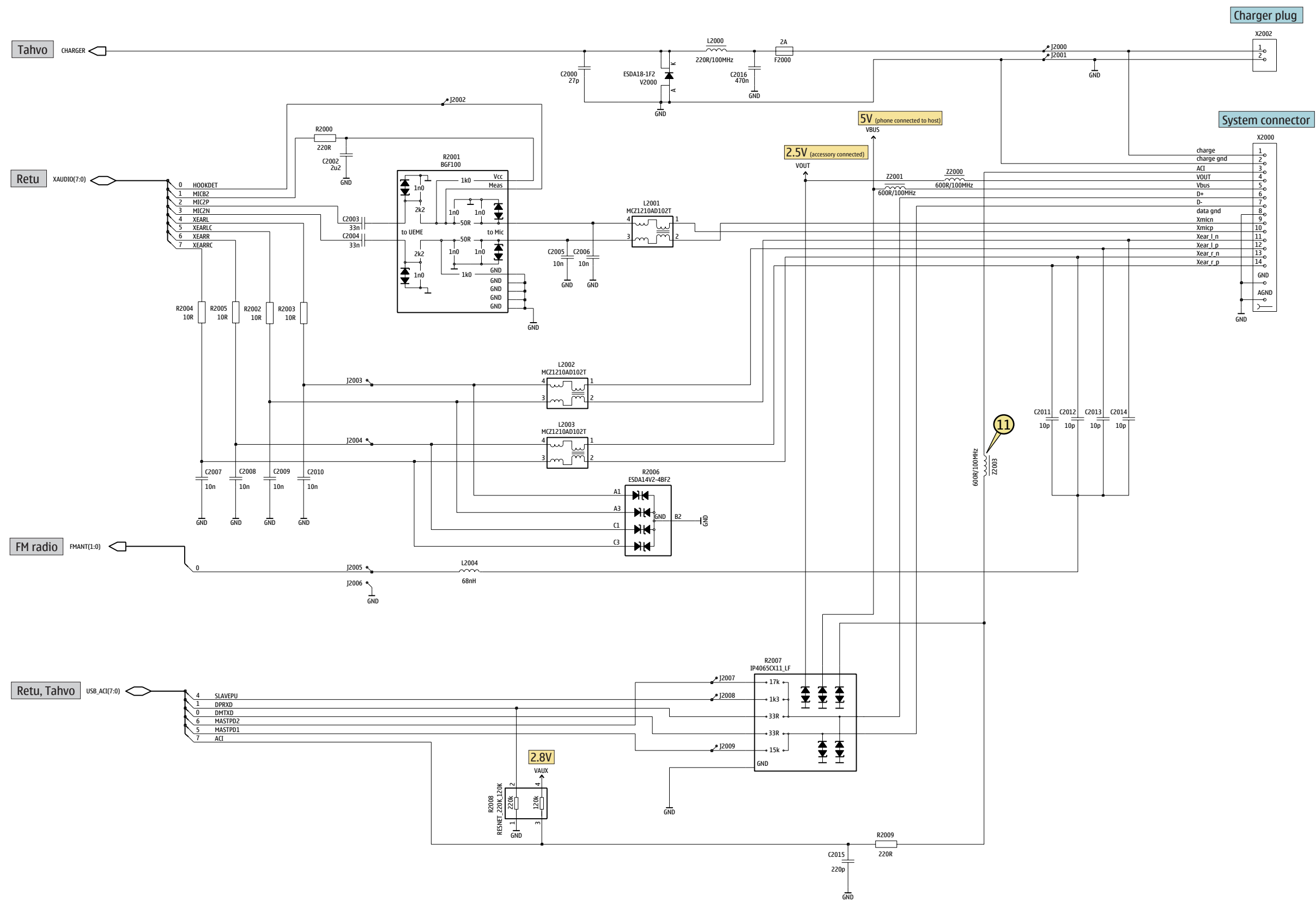
Do you have further improvement ideas or would like to give us feedback?
Please send an email to: training.sace@nokia.com

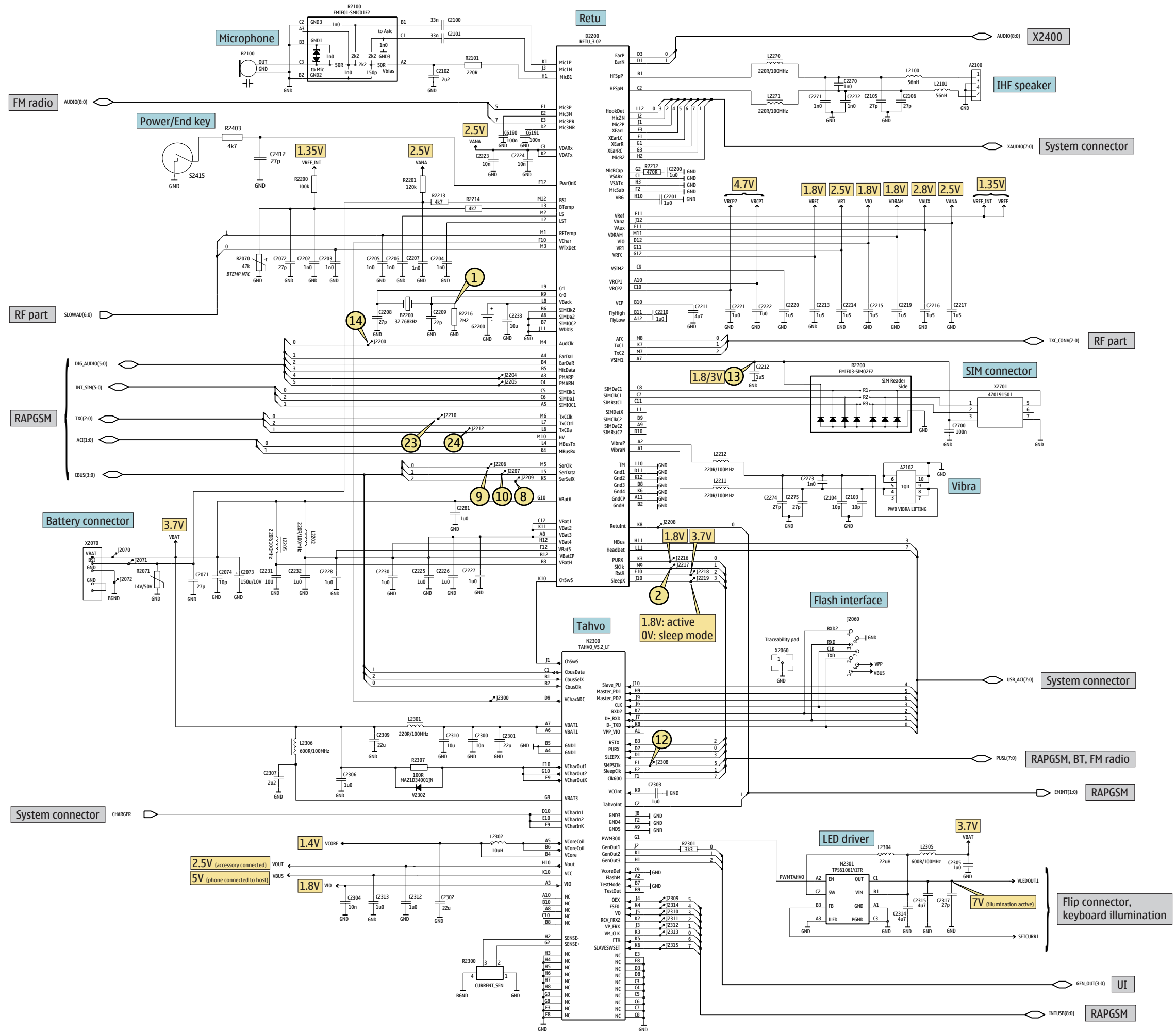
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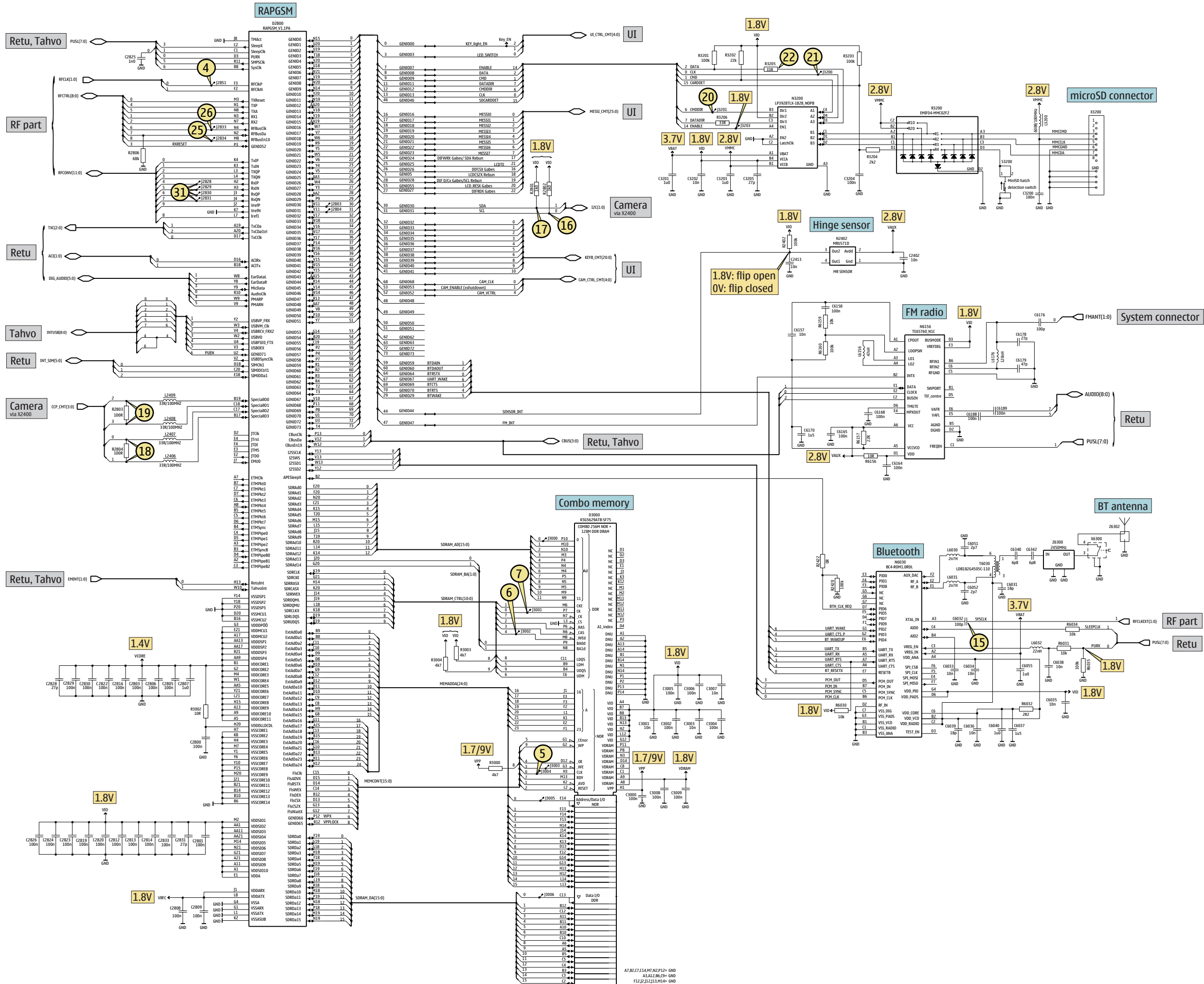
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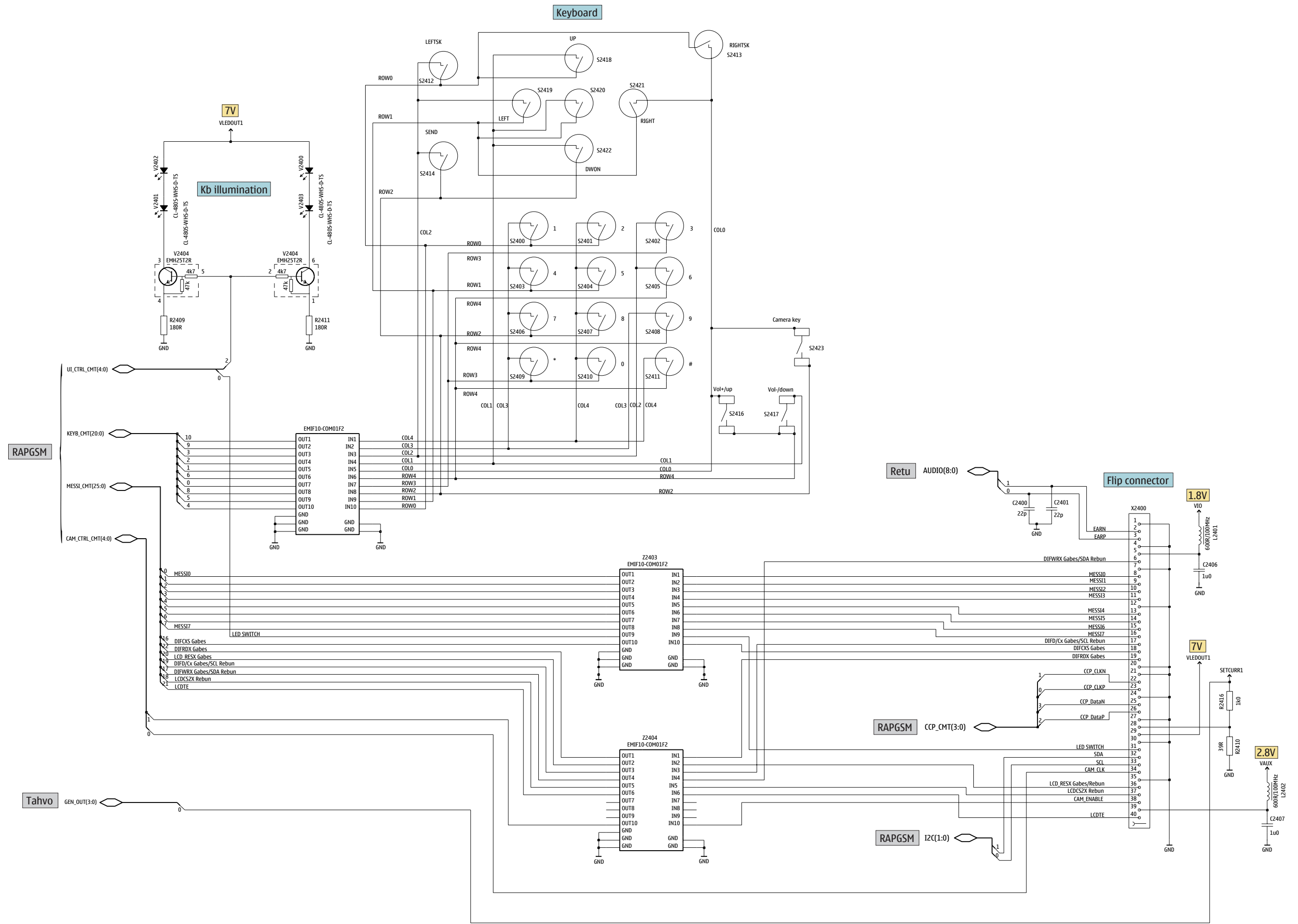
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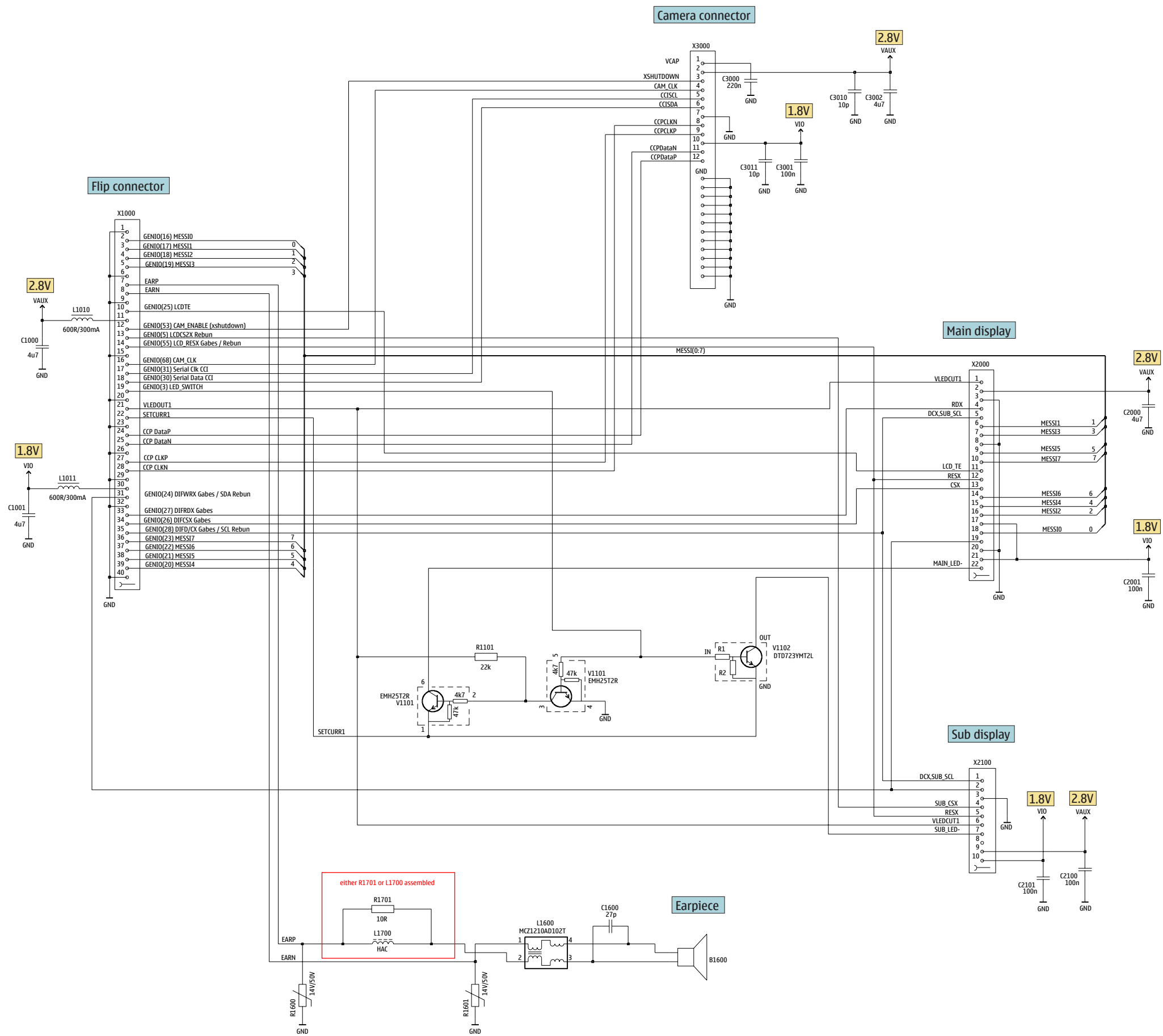
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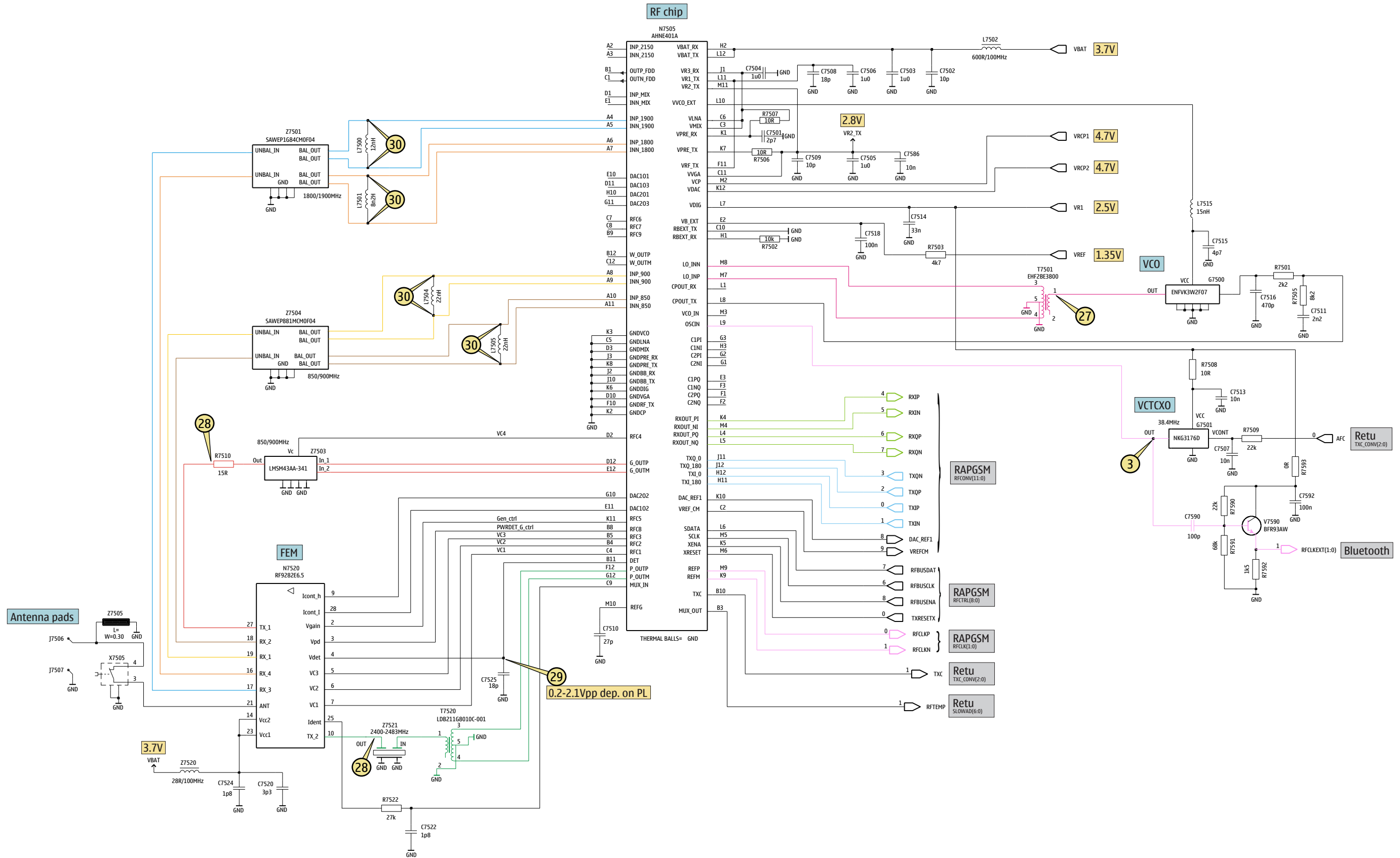


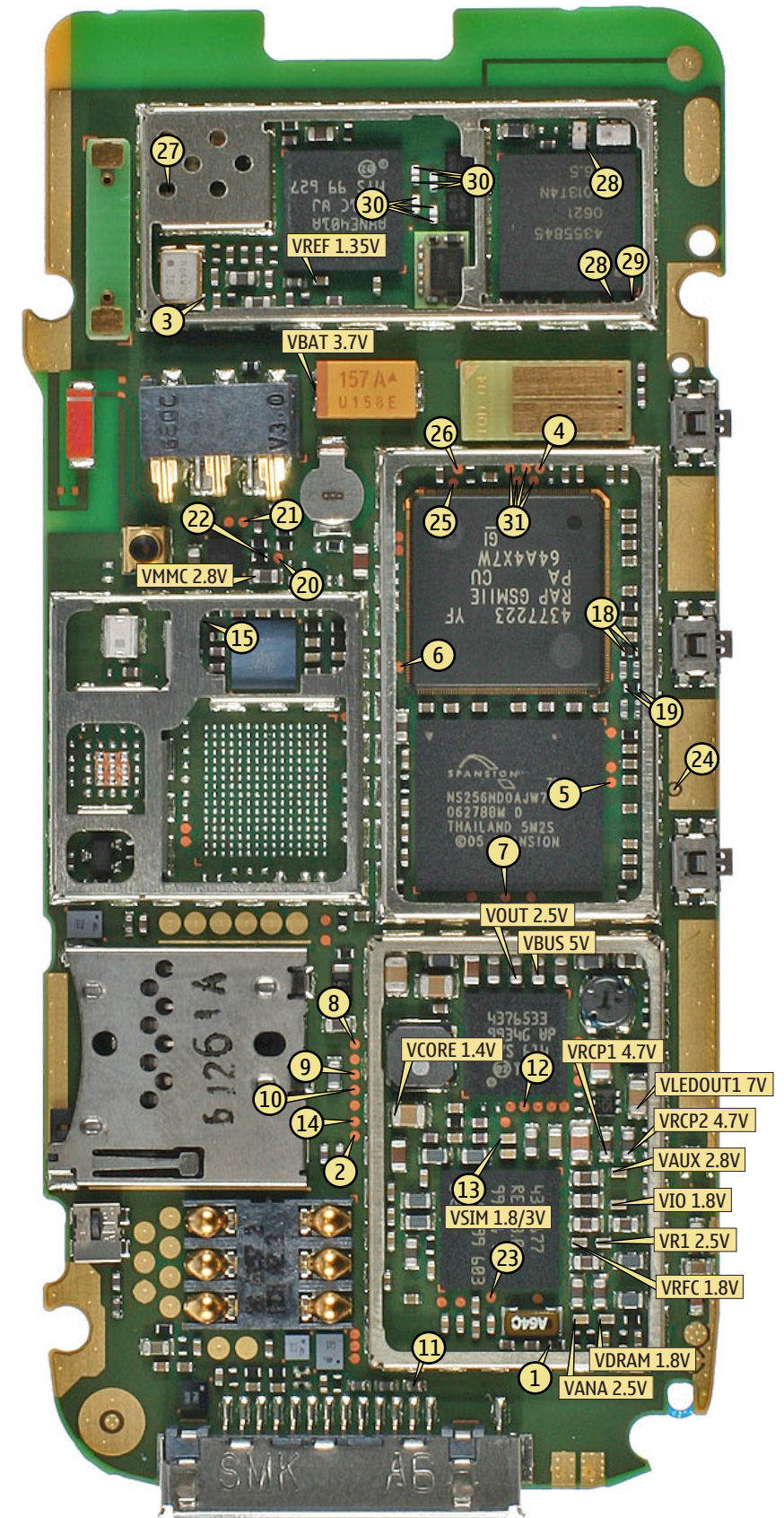
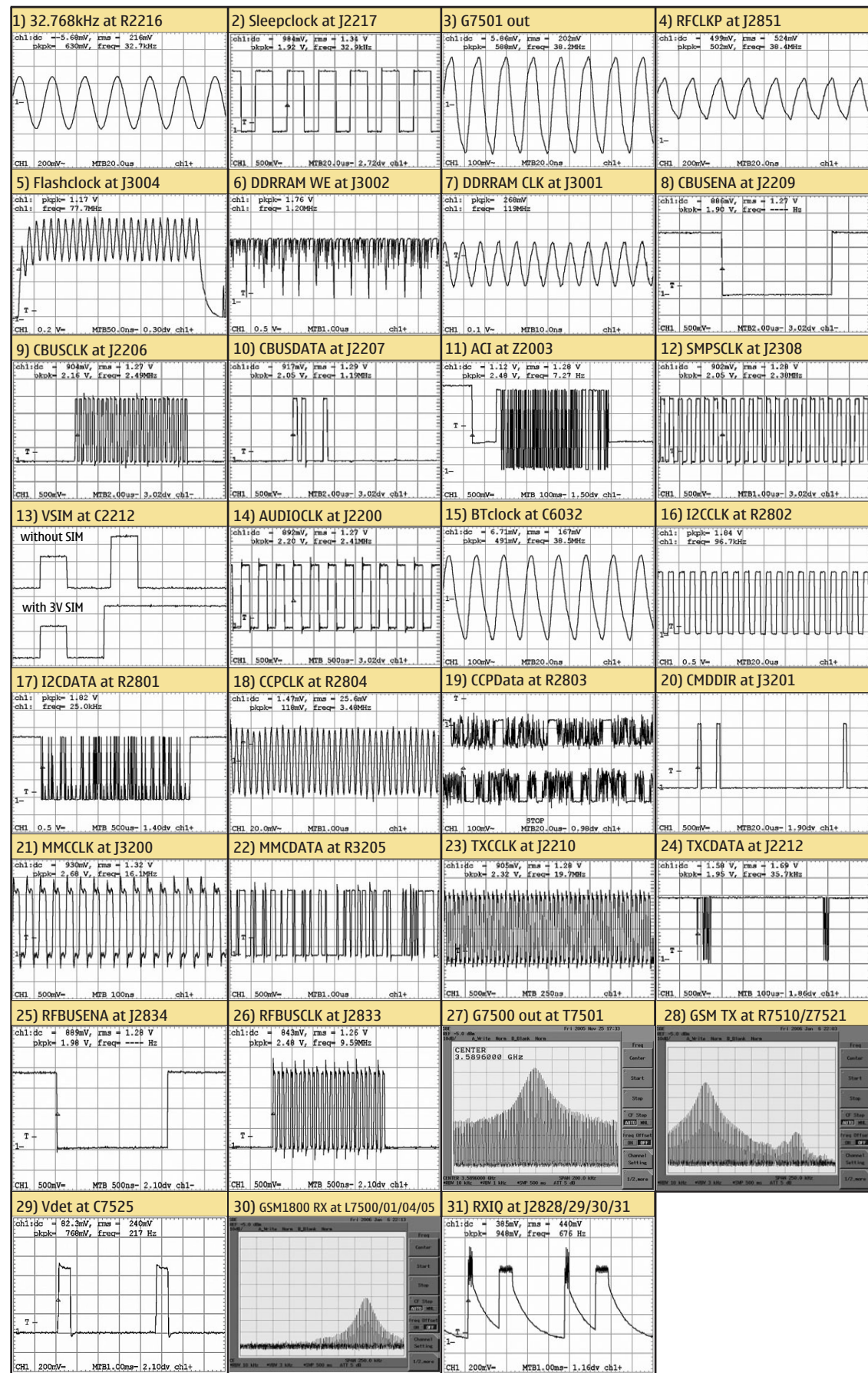












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B2200	P6	C2412	N6	C7590	K1	L2402	D2	R7590	K1
C	C2413	C7	C7592	J1	L2406	I8	R7591	K1	
C2000	N8	C2415	B3	D	L2407	I8	R7592	K2	
C2001	N8	C2416	D2	D2200	O6	L2408	I8	R7593	J1
C2002	R4	C2700	Q3	D2800	H6	L2409	I8	S	F8
C2003	R4	C2800	H8	D3000	J6	L3200	L2	S2416	F8
C2004	R4	C2801	F7	F	L6030	H3	S2417	H8	
C2005	R3	C2803	H8	F2000	P8	L6031	I3	S2423	K8
C2006	R3	C2805	F7	G	L6032	I4	S3200	O1	
C2007	Q2	C2806	F8	G2200	G4	L6156	R5	T	
C2008	Q3	C2807	I5	G7500	B3	L6176	R6	T6030	H2
C2009	Q3	C2808	G8	G7501	D2	L7500	C5	T7501	C2
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C2011	R3	C2812	H8	J2000	P8	L7502	D4	V	
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C2013	R3	C2814	G8	J2002	P6	L7504	C5	V2302	L4
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C2407	D3	C7524	D6	L2305	L7	R7509	D3		

