

Service Schematics

NOKIA 6290

RM-176



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 2006.44.6.163
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

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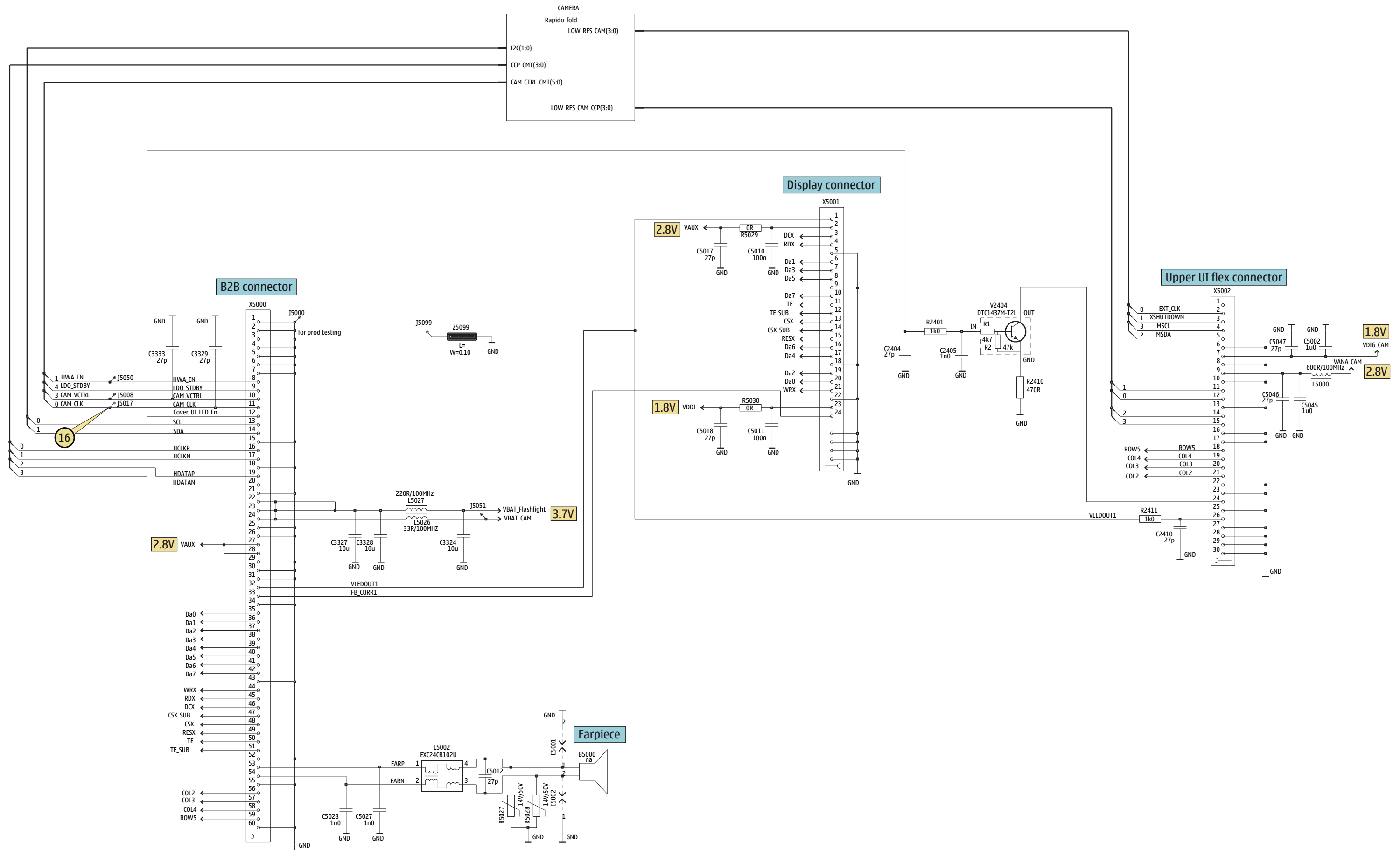
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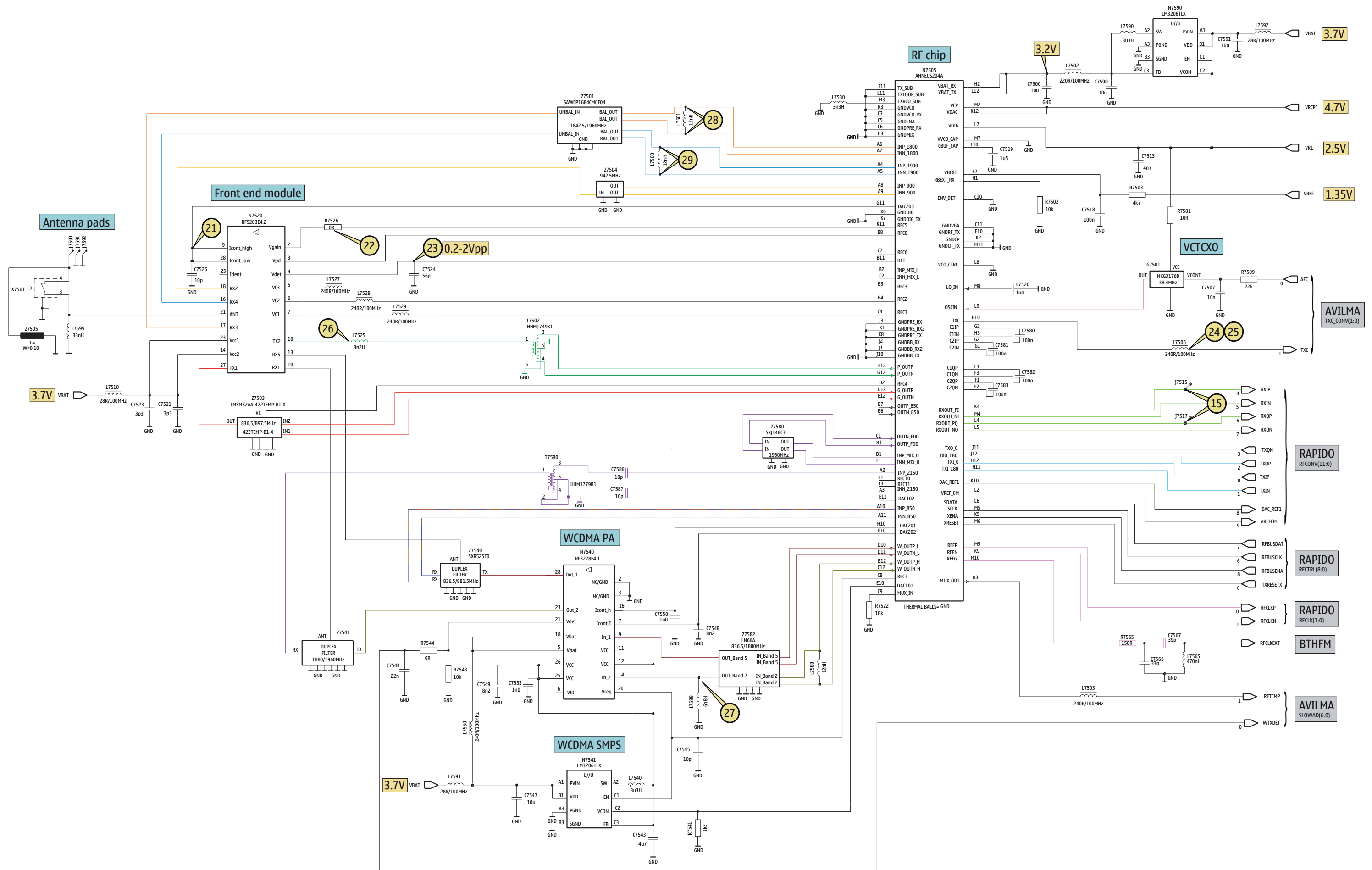
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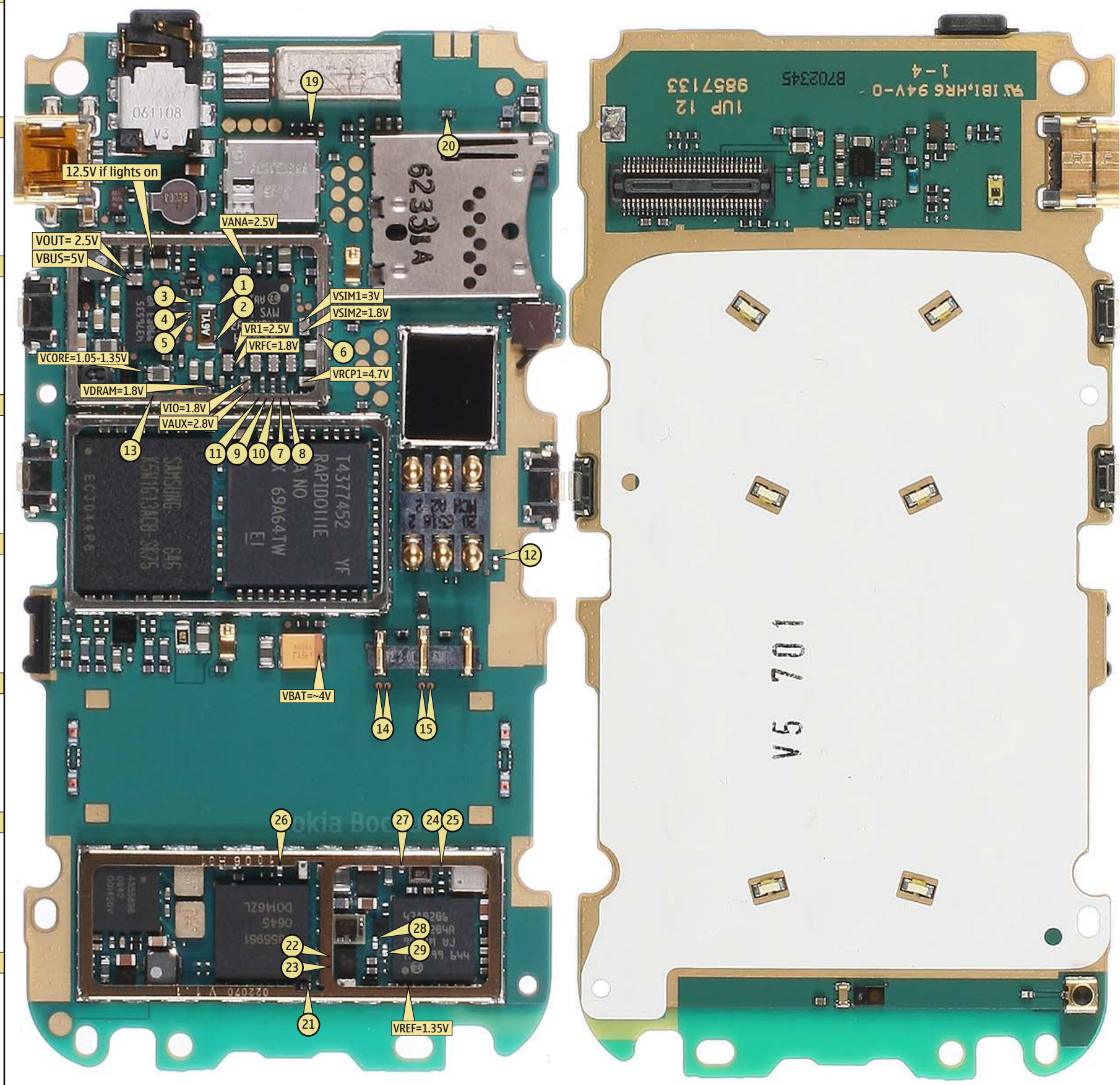
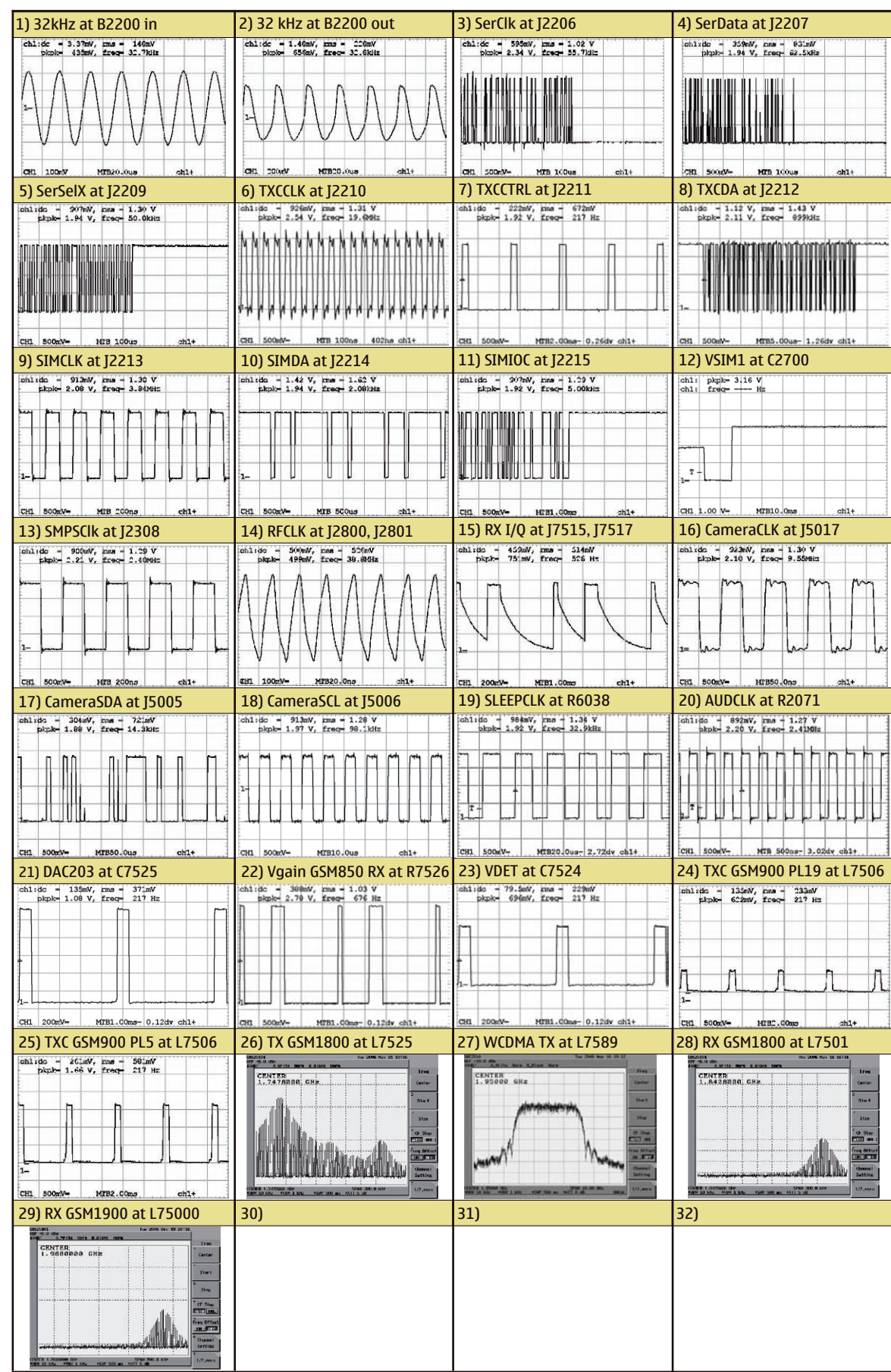












Customer Care / Service Operations / Content Creation Team
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Component finder

Bottom

Top



C	J5005	O8
C2404	N3	J5006 O8
C2405	B4	J5008 P7
C2410	C5	J5015 O7
C3300	N6	J5017 N8
C3301	Q5	J5020 O8
C3303	O8	J5021 N4
C3304	N8	J5050 N7
C3305	M7	J5051 P7
C3306	P7	J5099 Q3
C3307	O7	L
C3308	M7	L3301 M6
C3309	N7	L3302 M6
C3310	O8	L3303 O8
C3311	O8	L3304 M6
C3312	Q5	L3305 M6
C3313	P7	L3333 P7
C3314	N6	L3350 O3
C3315	C9	L5000 A5
C3316	B9	L5002 B4
C3317	C8	L5026 N4
C3320	O7	L5027 N2
C3321	O7	N
C3322	O7	N3300 O7
C3323	O7	N3320 O7
C3324	P2	N3340 B8
C3326	Q6	N3350 O2
C3327	N3	R
C3328	N3	R2401 C4
C3329	N3	R2410 C4
C3333	N2	R2411 C5
C3339	M7	R3300 M7
C3350	O3	R3301 M7
C3352	P3	R3305 M8
C3353	O2	R3306 M8
C3366	N6	R3307 O3
C3367	Q5	R3353 P2
C3370	O7	R3354 P2
C5002	A5	R3370 O7
C5010	B8	R5027 A4
C5011	B9	R5028 A4
C5012	B4	R5029 B8
C5017	B8	R5030 B9
C5018	B9	V
C5027	C3	V2404 B4
C5028	C3	V3350 P2
C5045	A4	V3351 O3
C5046	A5	V3352 P2
C5047	A5	X
D	X3300	P5
D3300	N7	X5000 M3
J	X5001	B8
J5000	P7	X5002 B5

