

Service Schematics



RM-509/RM-510

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”.

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.

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.

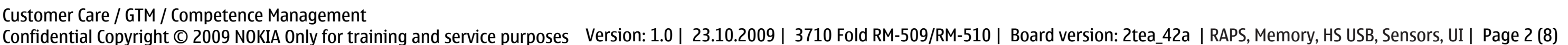
Please send E-Mail to: TrainingAndVendor.Development@nokia.com

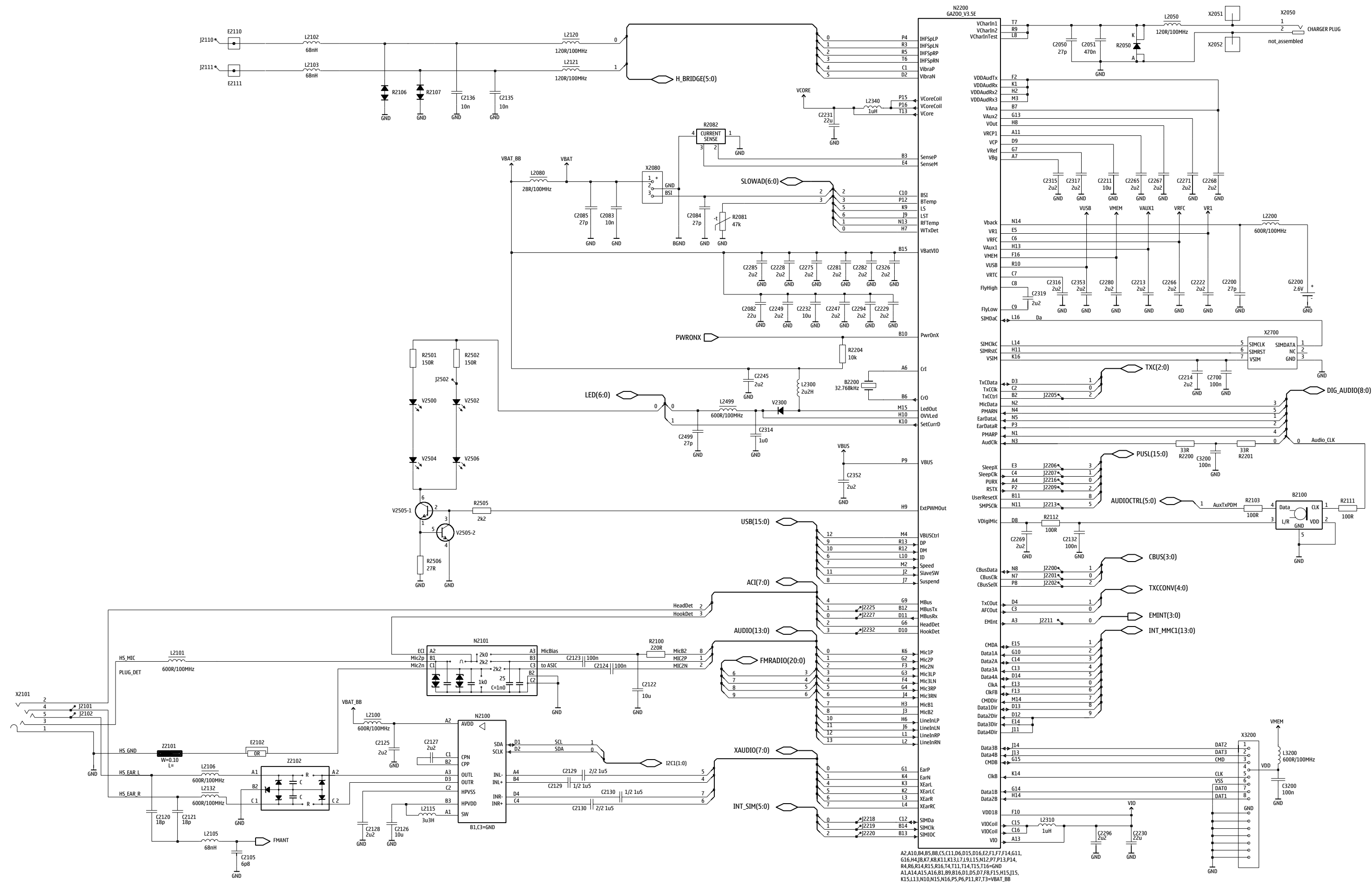


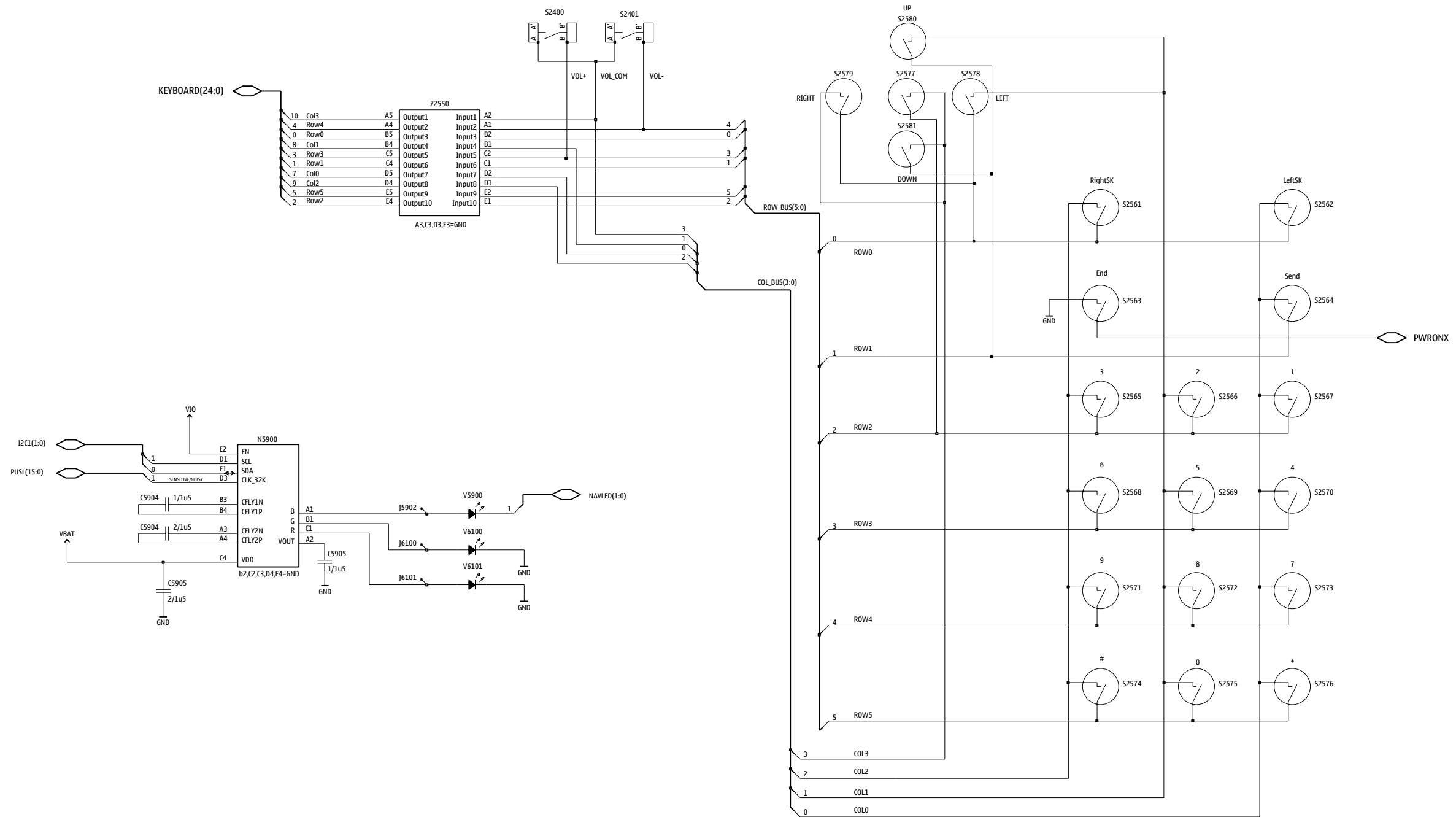
Table of Contents

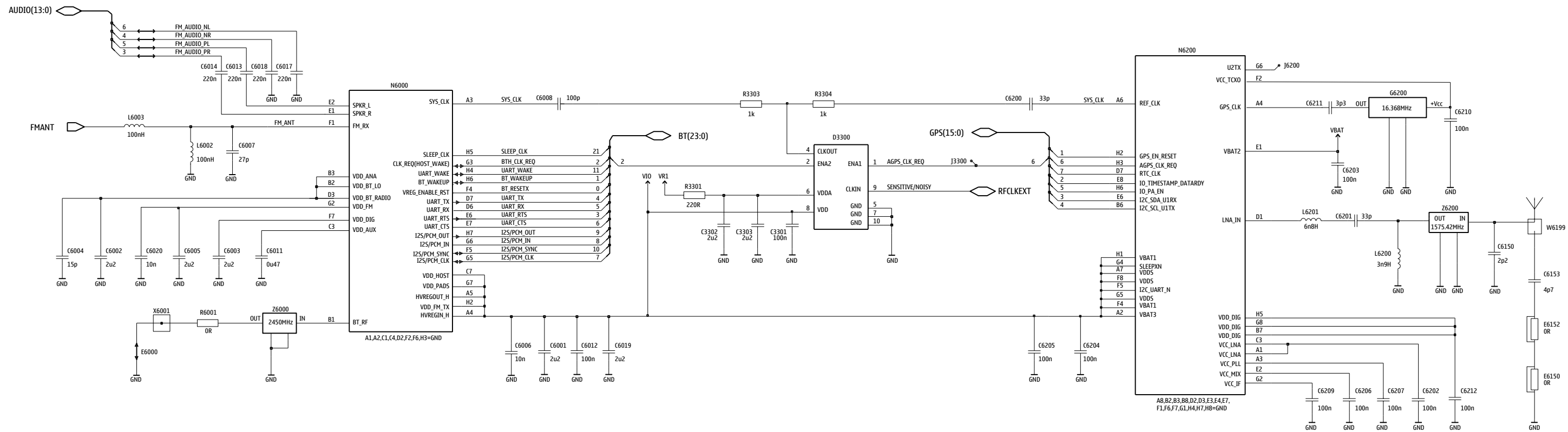
Front page	1
RAPS, HS USB, Sensors, User Interface	2
GAZOO, Audio, MMC, SIM, Battery	3
Keyboard I/F, Keyboard Backlighting	4
BTHFM, GPS	5
RF part	6
Component Finder Top	7
Component Finder Bottom	8

Copyright © NOKIA
This material, including documentation and any related computer programs is protected by copyright, controlled by NOKIA. All rights are reserved. Copying, including reproducing, modifying, storing, adapting or translating any or all of this material requires the prior written consent of NOKIA. This material also contains company confidential information, which may not be disclosed to others without the prior written consent of NOKIA.

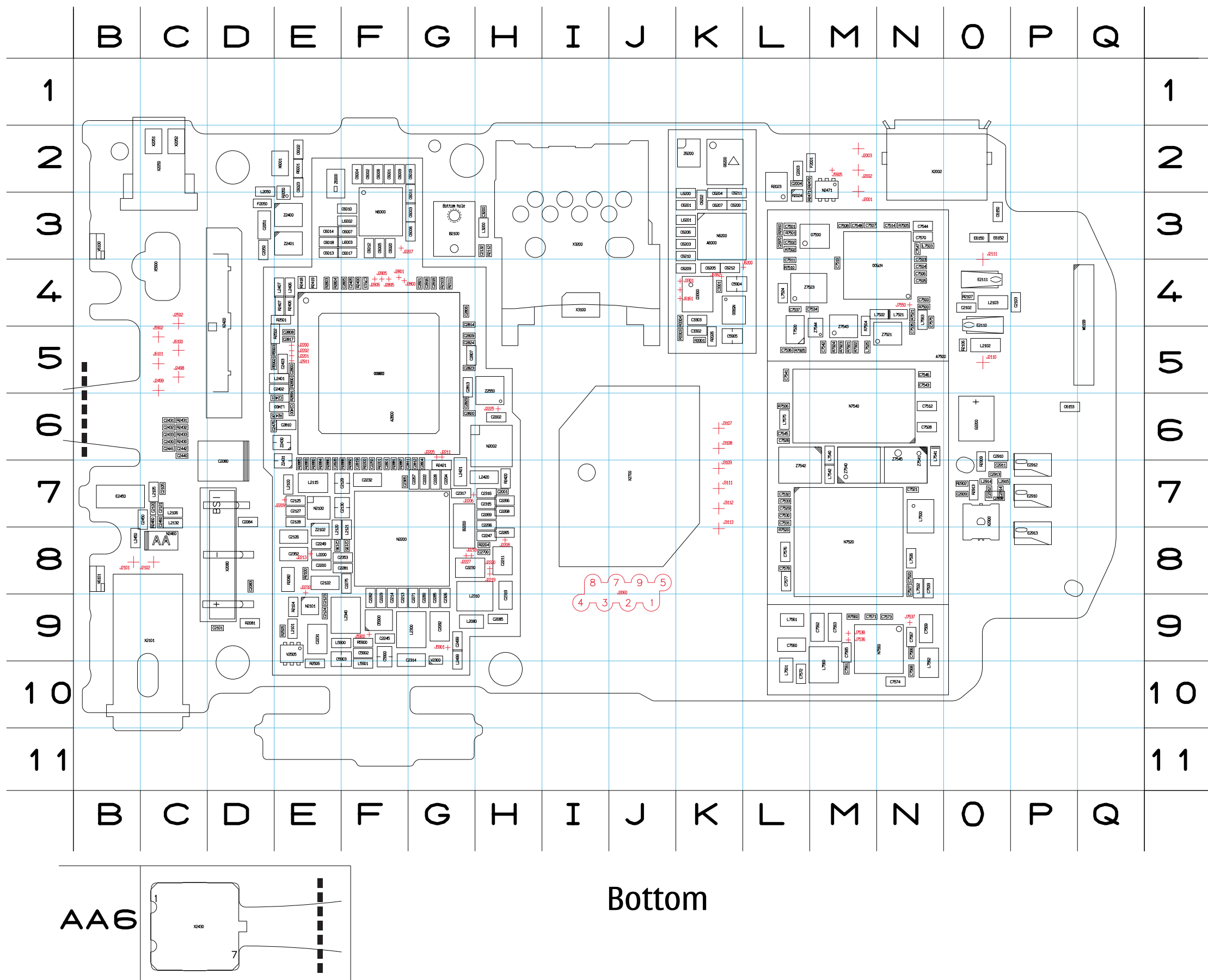












A	C2282	F9	C2970	L3	C7521	N7	L2080	G9	N7520	M8	R5902	D5	
A2800	F7	C2285	G9	C3200	H3	C7526	L6	L2100	E7	N7540	M6	R5903	D5
A6000	K3	C2294	G7	C3301	K4	C7527	N8	L2101	E9	N7560	N9	R6001	E2
A7500	M6	C2296	H7	C3302	K5	C7528	N6	L2102	O5	R	R7500	N4	
B	C2314	G9	C3303	K4	C7529	L7	L2103	O4	R2023	L2	R7501	L3	
B2100	G3	C2315	H7	C5900	F9	C7530	L7	L2105	C7	R2024	L3	R7502	L3
B2200	G7	C2316	H7	C5902	F9	C7531	L7	L2106	C7	R2026	K5	R7504	M4
C	C2317	G7	C5903	F9	C7532	L7	L2115	E7	R2050	E3	R7505	N3	
C2001	H7	C2319	H9	C5904	K4	C7533	L7	L2120	E8	R2081	D9	R7506	L6
C2002	H6	C2326	G9	C5905	K5	C7534	M4	L2121	F8	R2082	E8	R7510	L4
C2003	L2	C2352	E8	C6001	F2	C7535	N5	L2132	C7	R2100	E8	R7520	L8
C2004	L2	C2353	F8	C6002	F2	C7536	L5	L2200	E8	R2103	G4	R7521	N4
C2050	D3	C2365	F7	C6003	G3	C7537	L4	L2300	G9	R2104	E9	R7560	M9
C2051	D3	C2400	E6	C6004	F2	C7541	L5	L2310	H9	R2106	O5	R7921	M5
C2080	D7	C2401	E6	C6005	F3	C7542	M5	L2340	F9	R2107	O4	R7922	M5
C2082	G9	C2402	E5	C6006	G3	C7543	N5	L2400	E6	R2111	G4	R7923	M5
C2083	D8	C2403	E5	C6007	F3	C7544	N3	L2401	E5	R2112	H3	R7924	M5
C2084	D7	C2405	F4	C6008	F2	C7545	L6	L2406	E4	R2200	F7	R7925	L5
C2085	H9	C2430	C6	C6009	F2	C7546	N5	L2407	E4	R2201	F7	R	
C2101	D9	C2431	C6	C6010	F3	C7547	N3	L2420	H7	R2204	H8	T7520	L5
C2102	O4	C2432	C6	C6011	G3	C7548	M3	L2421	G7	R2400	F4	v	
C2103	P4	C2433	C6	C6012	F3	C7560	L9	L2450	B8	R2406	E4	V2300	G9
C2105	C7	C2440	C6	C6013	E3	C7561	M10	L2499	G9	R2407	E4	V2505	E9
C2120	C7	C2441	C6	C6014	E3	C7562	M9	L2914	O7	R2418	E4	V6100	B3
C2121	C7	C2442	C6	C6017	F3	C7563	M9	L2915	O7	R2419	E4	V6101	B8
C2122	E8	C2450	C7	C6018	E3	C7565	M9	L3200	H3	R2420	H7	W	
C2123	E9	C2460	C7	C6019	G2	C7566	N9	L5900	F9	R2421	G7	W6199	Q4
C2124	E9	C2475	D6	C6020	F3	C7567	N9	L5901	F10	R2430	C6	X	
C2125	E7	C2499	G9	C6022	E2	C7568	N10	L6002	F3	R2431	C6	X2002	N2
C2126	E8	C2700	H8	C6023	E2	C7569	N9	L6003	F3	R2432	C6	X2050	C2
C2127	E7	C2800	E5	C6150	O3	C7570	N3	L6200	K3	R2433	C6	X2051	C2
C2128	E7	C2801	F7	C6153	P6	C7571	M9	L6201	K3	R2460	C7	X2052	C2
C2129	F7	C2804	G7	C6200	K3	C7572	L10	L7500	N7	R2470	M2	X2080	D8
C2130	F7	C2805	F4	C6201	K3	C7573	N9	L7501	L10	R2471	M3	X2101	C9
C2132	H3	C2806	G4	C6202	K3	C7574	N10	L7502	N8	R2475	E6	X2420	D4
C2135	F8	C2807	G5	C6203	K3	C7575	N4	L7503	N3	R2501	E4	X2430	AA6
C2136	E8	C2808	E5	C6204	K3	C7576	L8	L7521	N4	R2502	E5	X2700	J7
C2200	E8	C2809	G5	C6205	K4	C7577	L8	L7522	N4	R2505	E9	X2900	O7
C2211	H8	C2810	E6	C6206	K3	C7578	L8	L7524	L4	R2506	E10	X3100	I4
C2213	F9	C2811	G7	C6207	K3	D	L7525	M5	R2803	E4	X3200	I3	
C2214	F9	C2812	G7	C6209	K4	D2800	F5	L7526	N8	R2804	E4	X5900	C4
C2222	G7	C2813	G5	C6210	K3	D3000	F5	L7540	M6	R2880	E7	X6001	E2
C2228	G7	C2814	G4	C6211	K3	D3300	K4	L7541	N6	R2881	F7	Z	
C2229	F9	C2816	G4	C6212	K4	D5900	F9	L7542	M7	R2882	F7	Z2102	E8
C2230	G8	C2817	E5	C7500	N4	E	L7560	M10	R2883	E7	Z2400	E3	
C2231	E9	C2818	G4	C7501	L3	E2110	O4	L7561	L9	R2884	E7	Z2401	E3
C2232	F7	C2819	F7	C7502	L3	E2111	O4	L7562	N10	R2885	E7	Z2430	E6
C2245	F9	C2820	G6	C7503	N3	E2450	B7	L7563	N4	R2886	E7	Z2431	E7
C2247	H8	C2821	G4	C7504	N4	E2910	P7	L7575	L6	R2887	F7	Z2550	H5
C2249	E8	C2823	G5	C7505	N4	E2912	P7	N	R2888	F7	Z6000	E2	
C2250	F7	C2824	G5	C7506	N4	E2913	P8	N2002	H6	R2890	E5	Z6200	K2
C2265	H8	C2828	E7	C7507	M3	F	N2100	E7	R2891	E6	Z7521	N5	
C2266	H7	C2829	G6	C7508	M3	F2001	M2	N2101	E9	R2902	O7	Z7523	L4
C2267	G7	C2908	O7	C7509	N8	F2050	D3	N2200	F8	R2909	O7	Z7540	M7
C2268	H7	C2909	O7	C7510	M4	G	N2460	C8	R2910	L3	Z7541	N7	
C2269	H7	C2910	O6	C7511	L4	G2200	O6	N2471	M2	R2913	O7	Z7542	L7
C2271	G9	C2911	O7	C7512	N6	G6200	K2	N5900	K4	R3301	K5	Z7543	M5
C2275	F8	C2912	O7	C7513	F4	G7500	M3	N6000	F3	R3303	K5	Z7544	M5
C2280	G9	C2913	O7	C7514	N3	L	N6200	K3	R3304	K4	Z7545	N7	
C2281	F8	C2914	O7	C7520	N8	L2050	D2	N7500	N4	R5900	F9		