

# Service Schematics

**NOKIA**  
**5310**  
**XpressMusic**

**RM-303 / RM-304**

## 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 2007.20.9.28808
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.

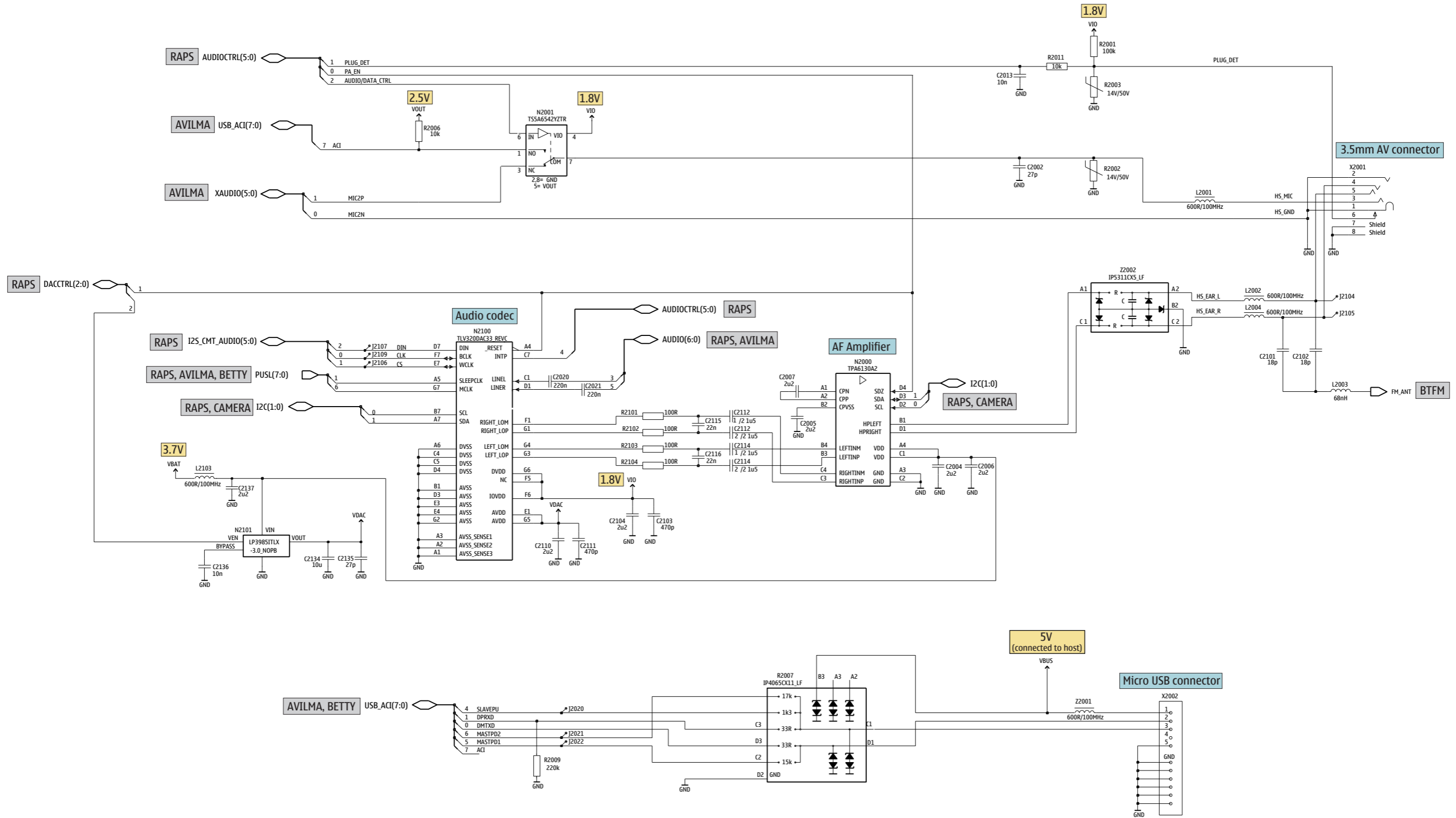
Please send E-Mail to: [TrainingAndVendor.Development@nokia.com](mailto:TrainingAndVendor.Development@nokia.com)

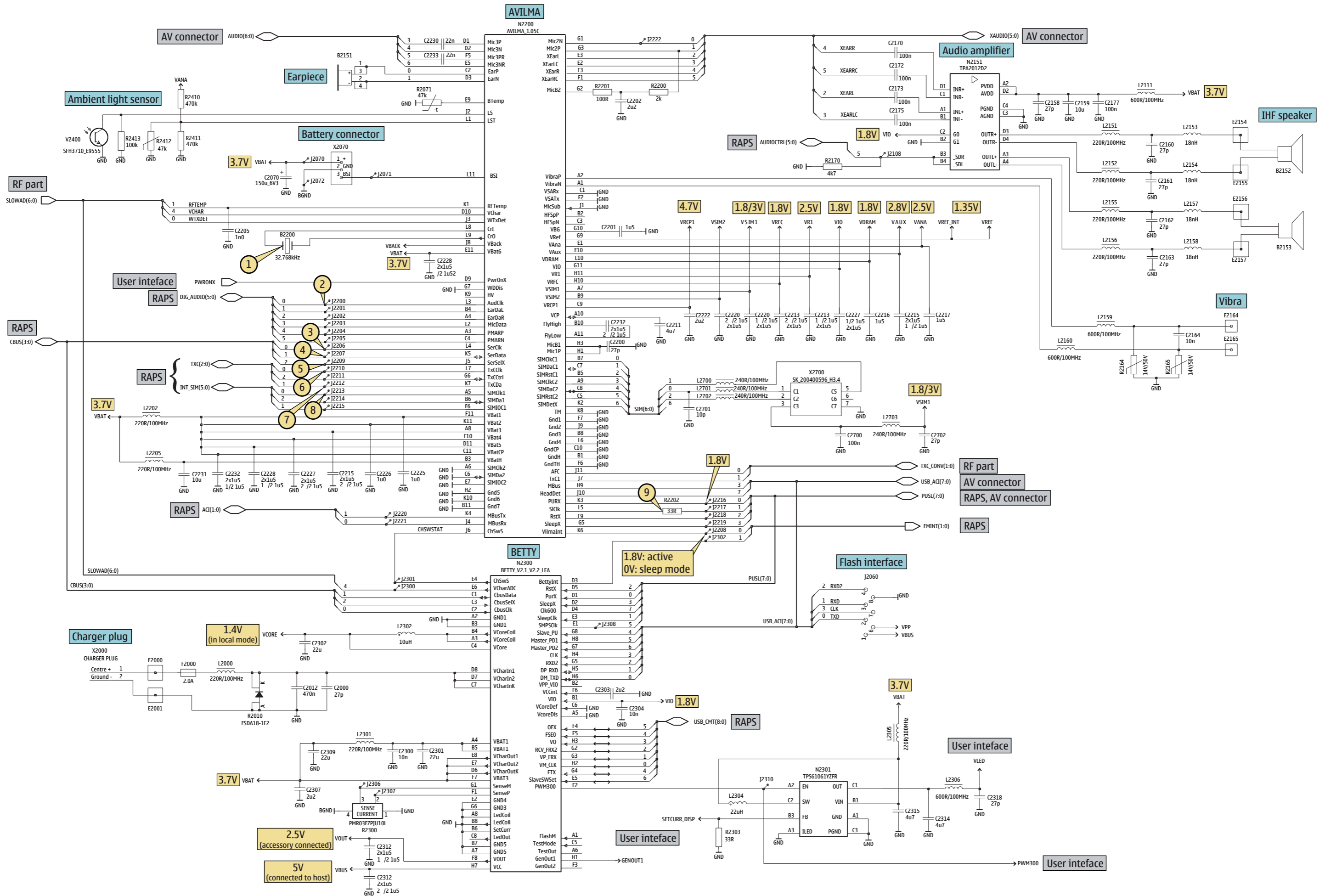


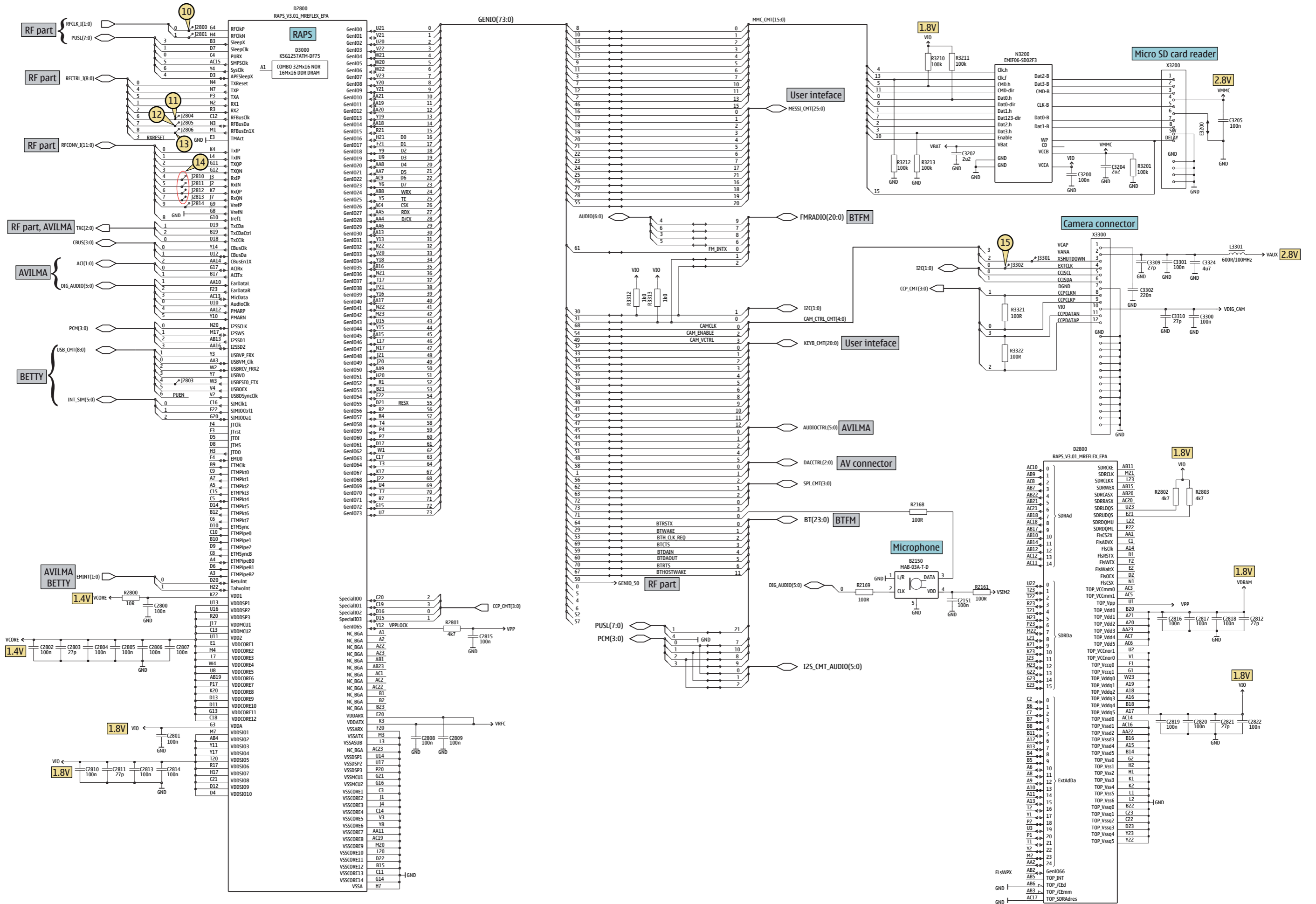
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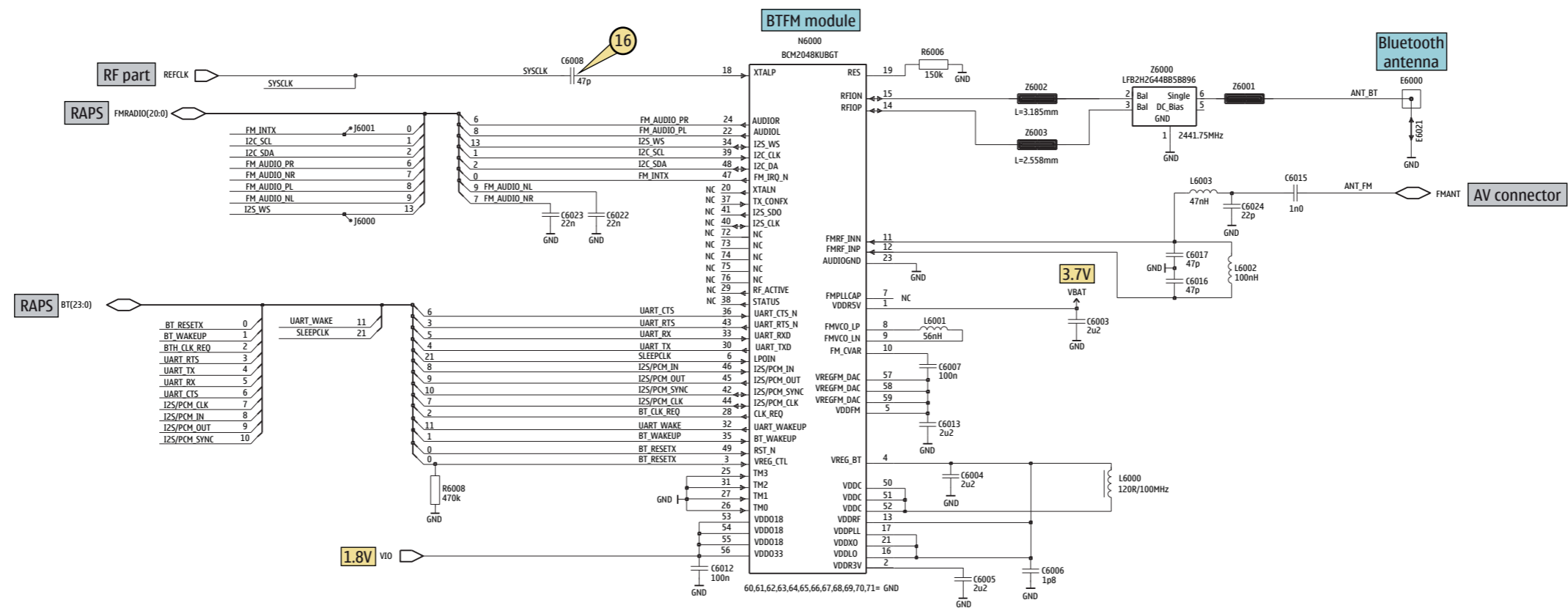
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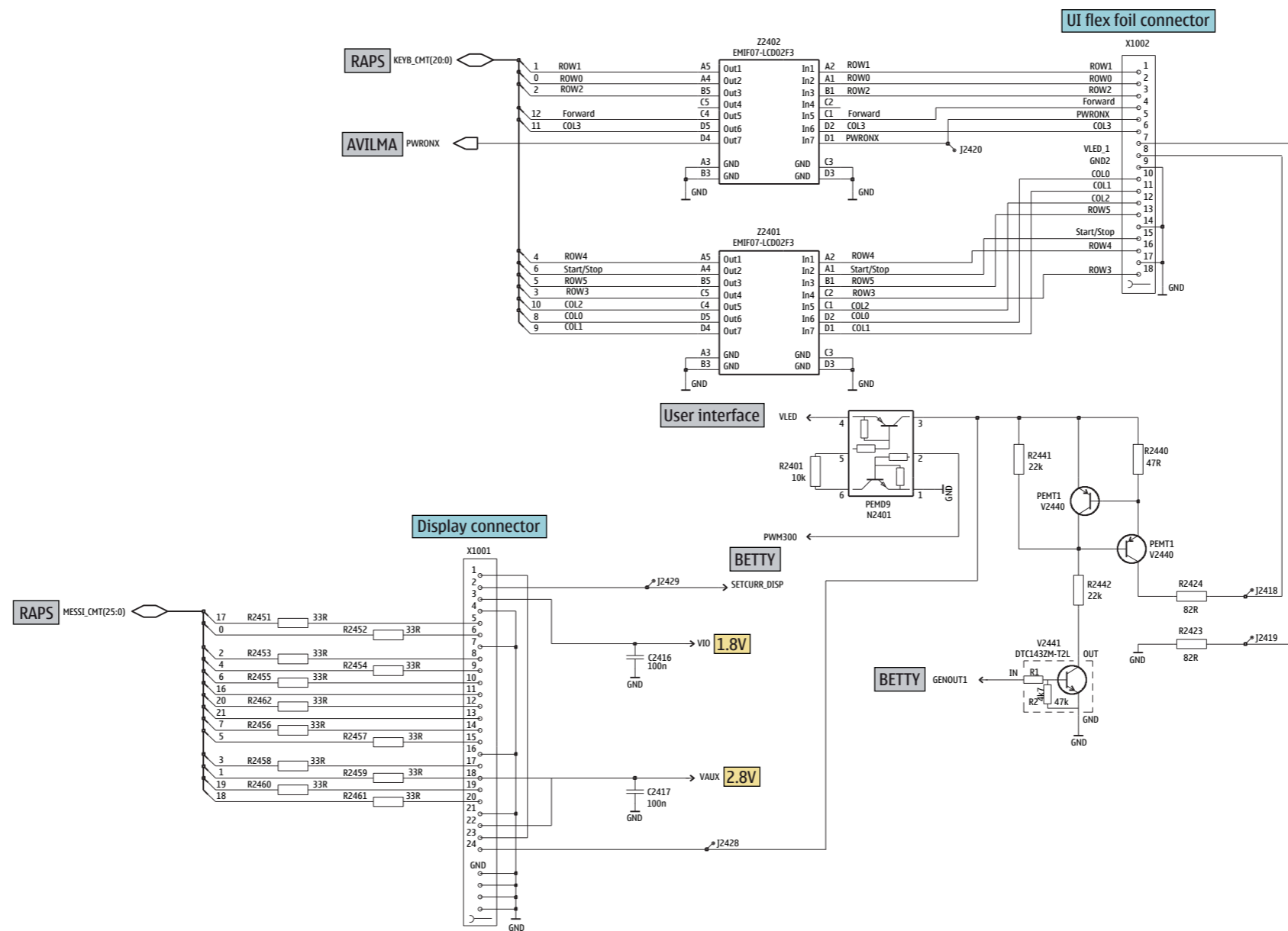
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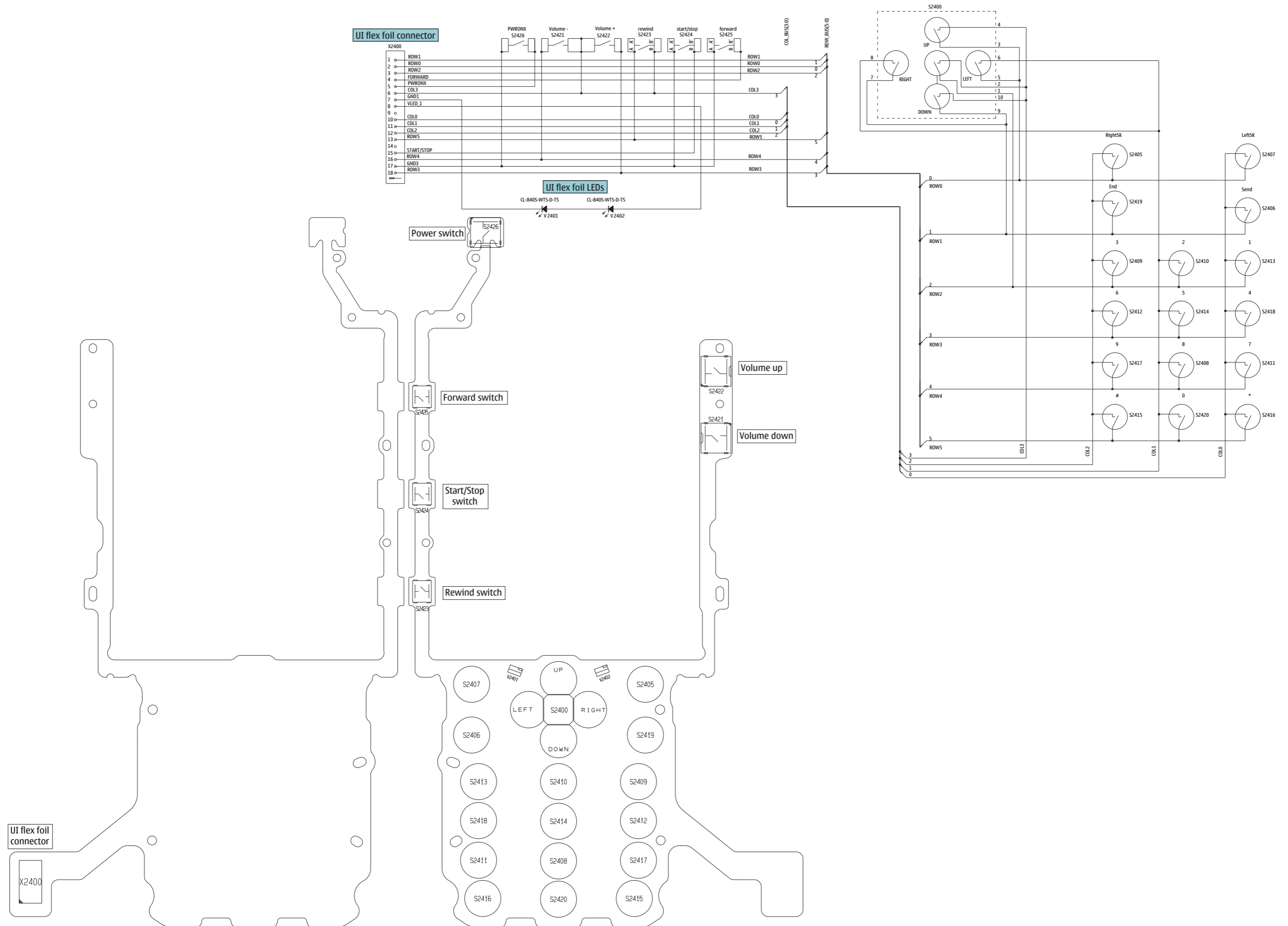


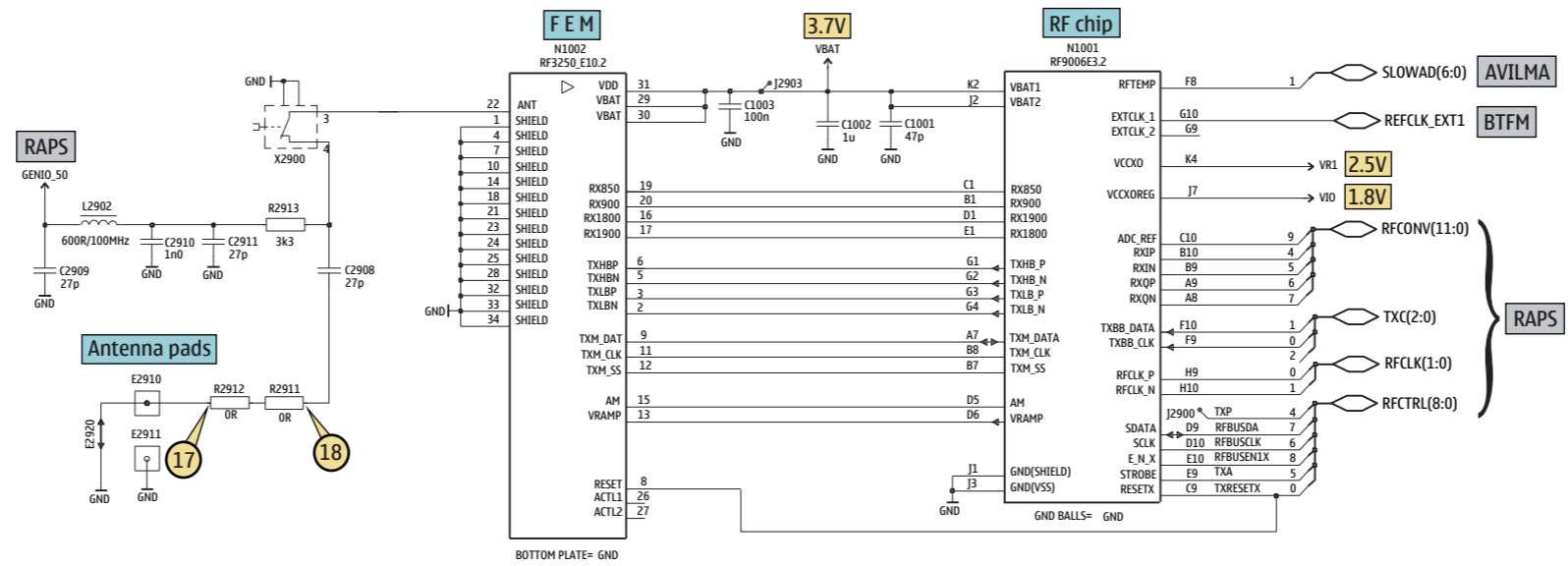




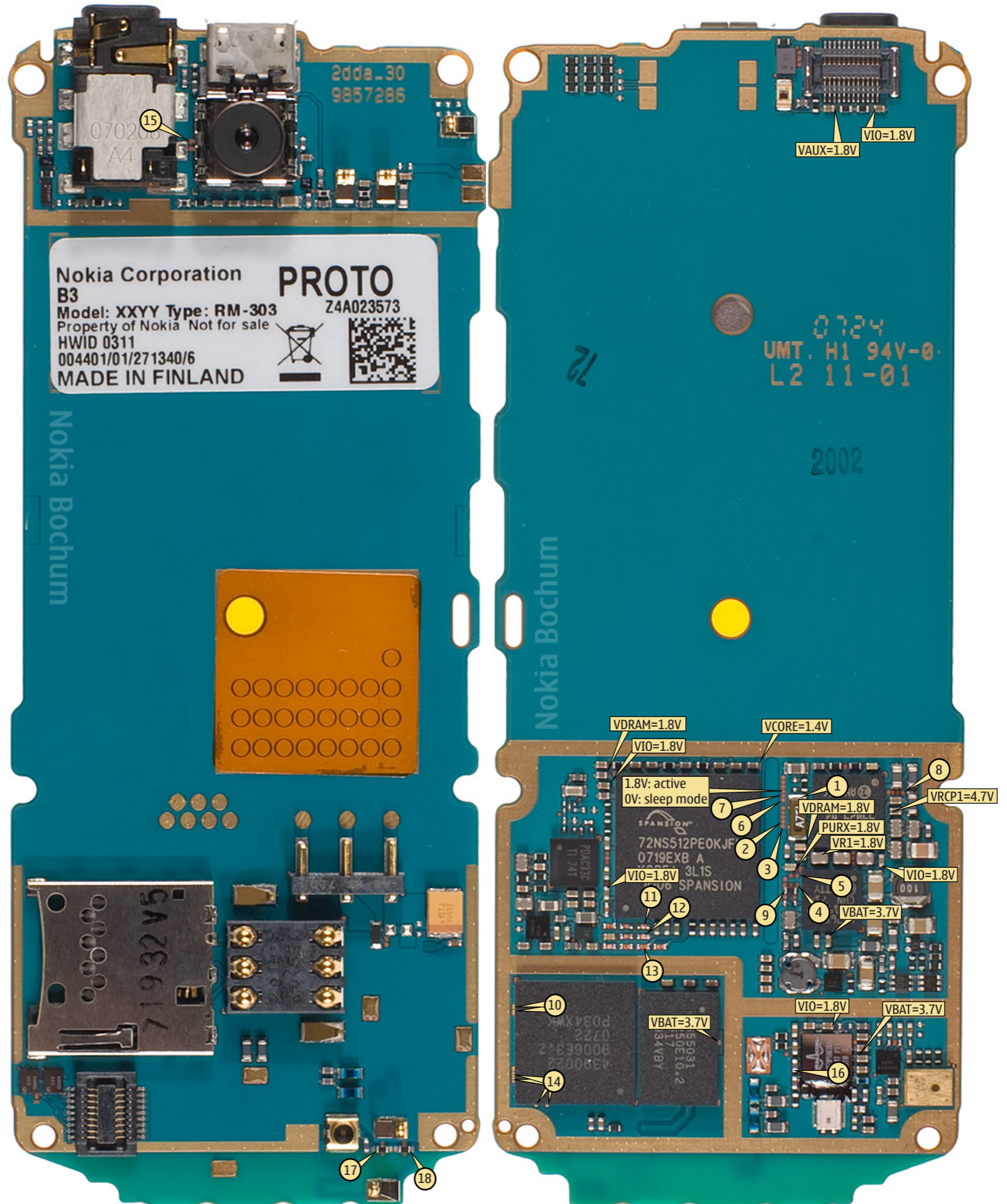
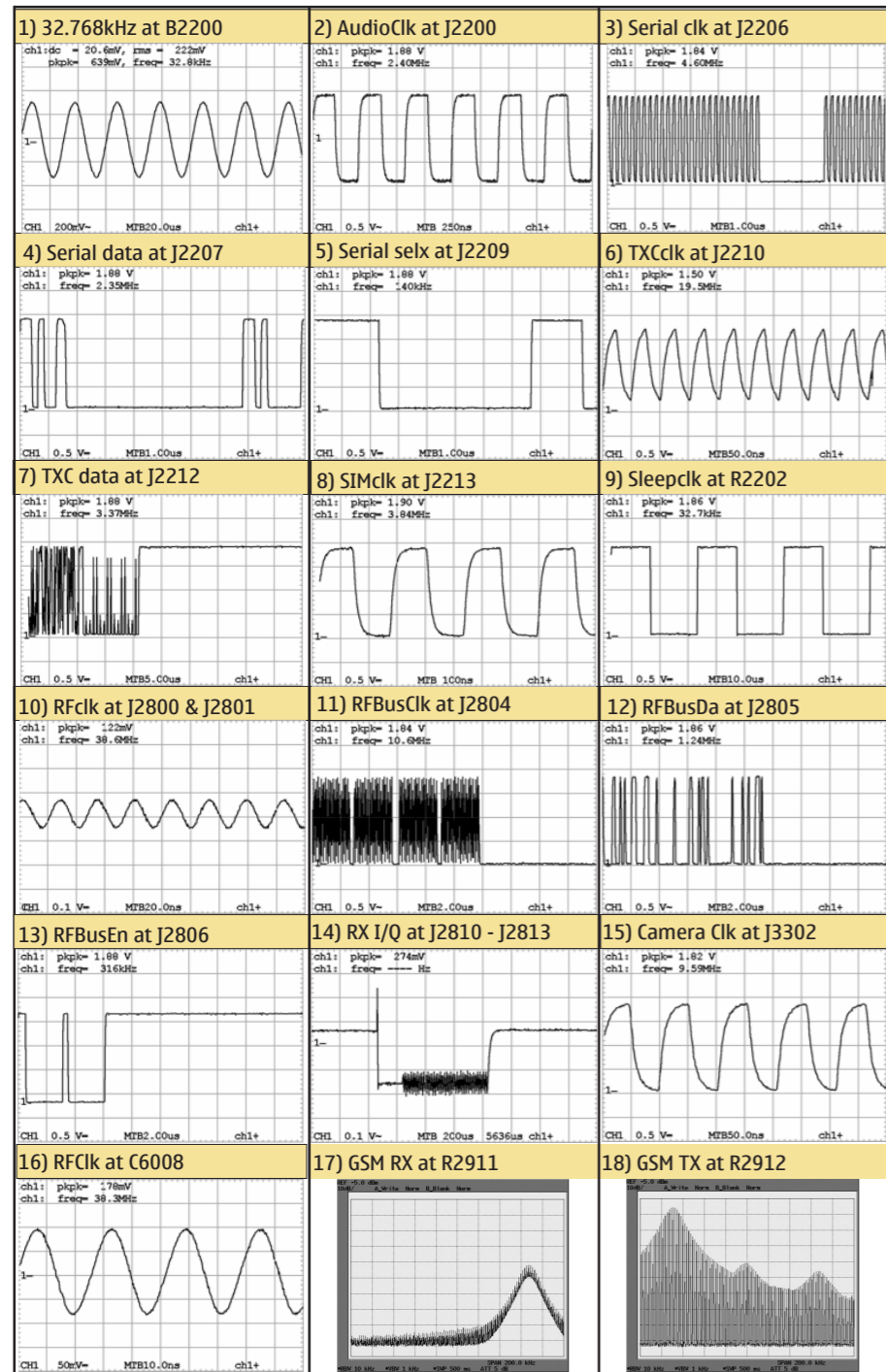












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B2150	C2	C2312	F4	E2910	B7	R2200	I3
B2151	T6	C2314	E3	E2911	C8	R2201	I3
B2152	C5	C2315	E3	E6000	S9	R2202	G4
B2153	D8	C2318	E2	F		R2250	H4
B2200	H4	C2416	T3	F2000	S8	R2251	H4
C	C2417	T4	L			R2300	F7
C1001	E6	C2700	F6	L2000	R8	R2303	E3
C1002	E6	C2701	E6	L2001	T4	R2401	E3
C1003	E5	C2702	H2	L2002	S2	R2410	T3
C2000	R6	C2800	I6	L2003	S2	R2411	T3
C2001	S8	C2801	G7	L2004	S2	R2412	T4
C2002	T4	C2802	I5	L2103	F8	R2413	T4
C2004	F9	C2803	F5	L2111	C3	R2423	E2
C2005	F8	C2804	F5	L2151	C4	R2424	E2
C2006	F8	C2805	I6	L2152	C4	R2440	E2
C2007	F8	C2806	F6	L2153	C5	R2441	F2
C2012	R6	C2807	G7	L2154	C5	R2442	F2
C2013	R5	C2808	F6	L2155	D5	R2451	T8
C2014	R2	C2809	I7	L2156	D5	R2452	T8
C2020	E5	C2810	H7	L2157	C7	R2453	T8
C2021	E5	C2811	F5	L2158	C7	R2454	T7
C2070	F9	C2812	I7	L2159	R7	R2455	T7
C2101	S2	C2813	G7	L2160	R7	R2456	T7
C2102	S2	C2814	G4	L2202	H2	R2457	T8
C2103	F8	C2815	F6	L2205	I2	R2458	T8
C2104	G8	C2816	I5	L2301	F2	R2459	T8
C2110	G8	C2817	F5	L2302	G2	R2460	T8
C2111	F8	C2818	I7	L2304	E4	R2461	T8
C2112	G9	C2819	F5	L2305	F3	R2462	T7
C2114	F9	C2820	F6	L2306	E3	R2800	I6
C2115	G8	C2821	H7	L2700	E6	R2801	F6
C2116	G9	C2822	I5	L2701	E6	R2802	I6
C2134	F8	C2900	F8	L2702	E6	R2803	I7
C2135	F8	C2908	B7	L2703	F6	R2911	B7
C2136	F7	C2909	F4	L2900	F8	R2912	B8
C2137	F8	C2910	C7	L2902	F4	R2913	C7
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C2157	T7	C3116	H8	L6001	C3	R3211	F6
C2158	C2	C3200	E6	L6002	C3	R3212	F6
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C2160	C4	C3204	E6	L6020	T9	R3305	H8
C2161	C4	C3205	E5	N		R3312	D4
C2162	C7	C3300	S6	N1001	D8	R3313	D4
C2163	D7	C3301	R6	N1002	D6	R3321	H7
C2164	R7	C3302	R5	N2000	F8	R3322	H7
C2170	D3	C3309	R5	N2001	R2	R6006	C4
C2171	D3	C3310	S6	N2100	G8	R6008	C4
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C2174	D2	C6004	D3	N2200	H3	V2440	E2
C2175	D2	C6005	D3	N2300	F3	V2441	F2
C2177	C2	C6006	C4	N2301	E3	X	
C2200	I4	C6007	D3	N2401	E2	X1001	T3
C2201	G4	C6008	D4	N3200	F6	X1002	C3
C2202	I4	C6011	D3	N3301	H8	X2000	R9
C2205	F7	C6012	D4	N6000	D4	X2001	T3
C2211	G2	C6013	D4	R		X2002	U5
C2213	G4	C6015	C3	R2001	R3	X2060	D5
C2215	G3	C6016	C3	R2002	T4	X2070	G7
C2216	G4	C6017	C3	R2003	R4	X2700	E6
C2217	I3	C6020	T8	R2004	R3	X2900	B7
C2220	H2	C6021	T9	R2005	F9	X3200	E3
C2222	H2	C6022	D4	R2006	S2	X3300	S5
C2223	F4	C6023	D4	R2007	T4	Z	
C2225	H2	C6024	C3	R2009	U4	Z2001	R6
C2226	G4	D		R2010	R6	Z2002	S2
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C2230	E5	E		R2071	R2	Z2900	B7
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C2232	H2	E2001	R9	R2102	G8	Z6000	C4
C2233	E5	E2154	C5	R2103	G8		
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C2301	F3	E2156	D9	R2161	D2		
C2302	G3	E2157	E7	R2164	R7		
C2303	F4	E2164	R8	R2165	R7		
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