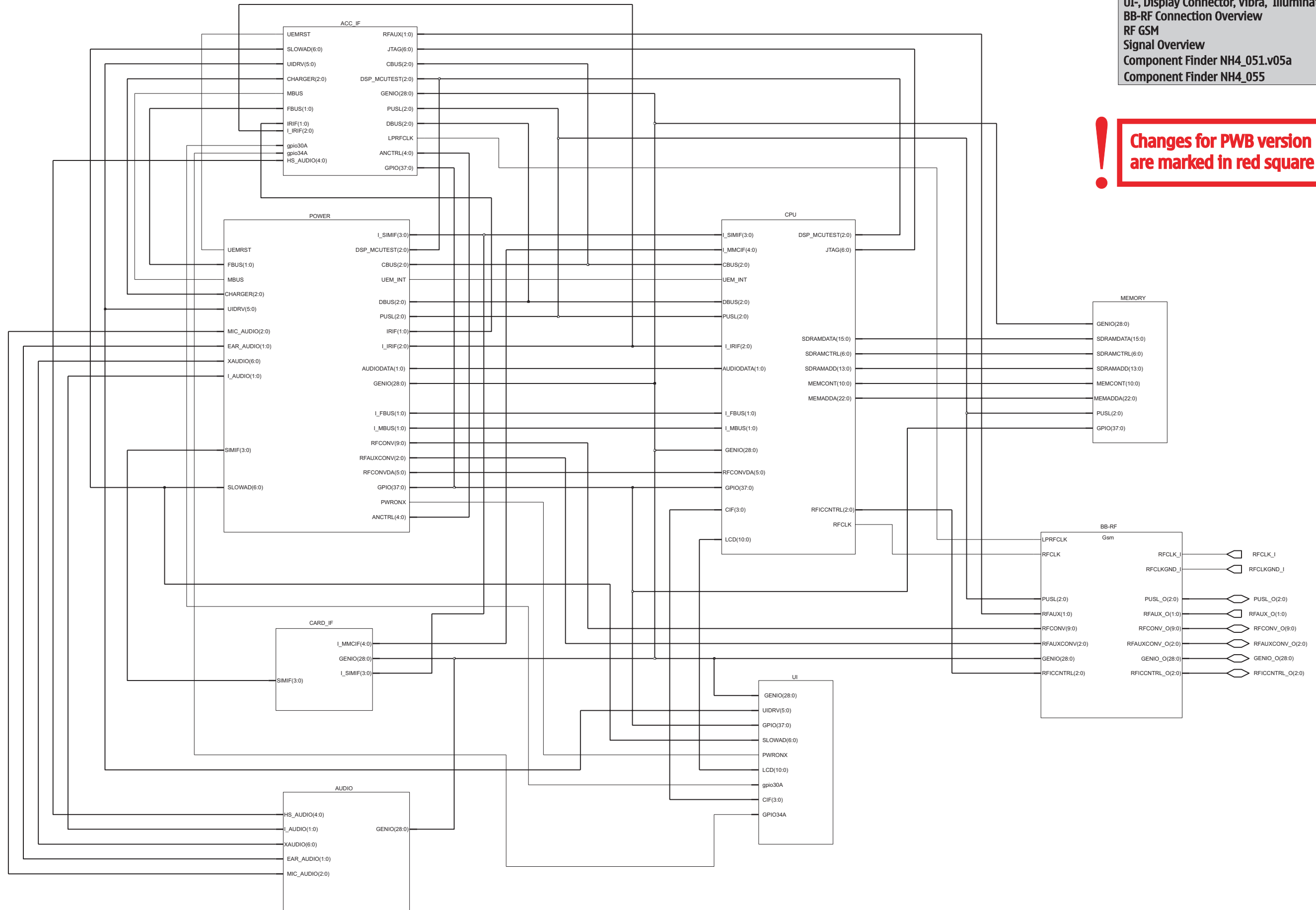


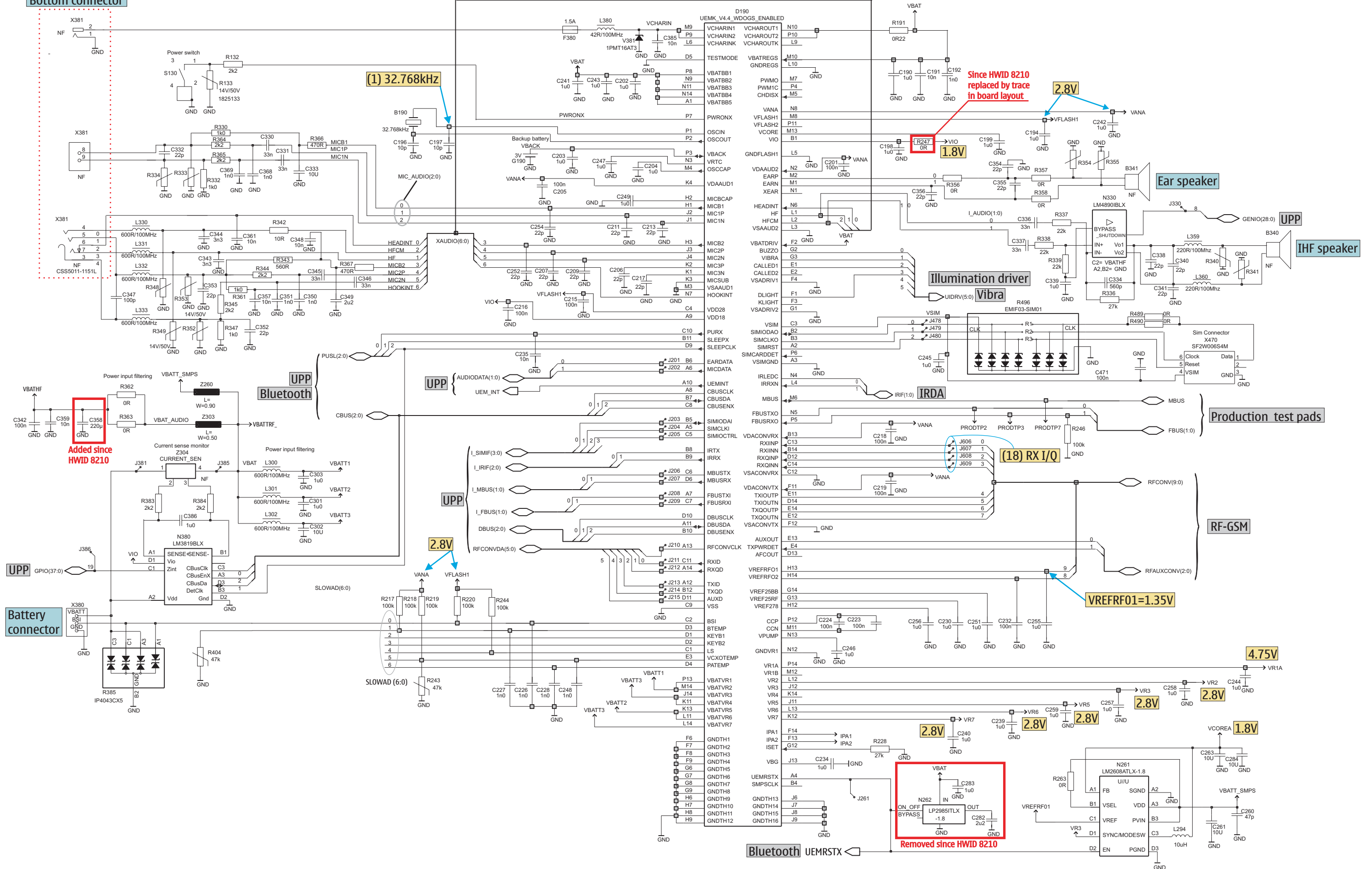
Customer Care Europe, Middle East & Africa	DCT-4 Common Baseband	Version 4.0 Approved
Technical Services / SCCE Training Group	NHL-10 (6600)	(PWB) NH4_051.v05a / HWID 8101/8102
© 2004 Nokia Corporation Only for training and service purposes	18.02.2004	Changes for NH4_055 / HWID 8210 in red

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! Changes for PWB version NH4_055 are marked in red square !



Bottom connector



(1) 32.768kHz

Since HWID 8210 replaced by trace in board layout

2.8V

1.8V

Ear speaker

IHF speaker

Illumination driver

Vibra

UPP Bluetooth

UPP

Production test pads

(18) RX I/Q

RF-GSM

VREFRFO1=1.35V

4.75V

2.8V

2.8V

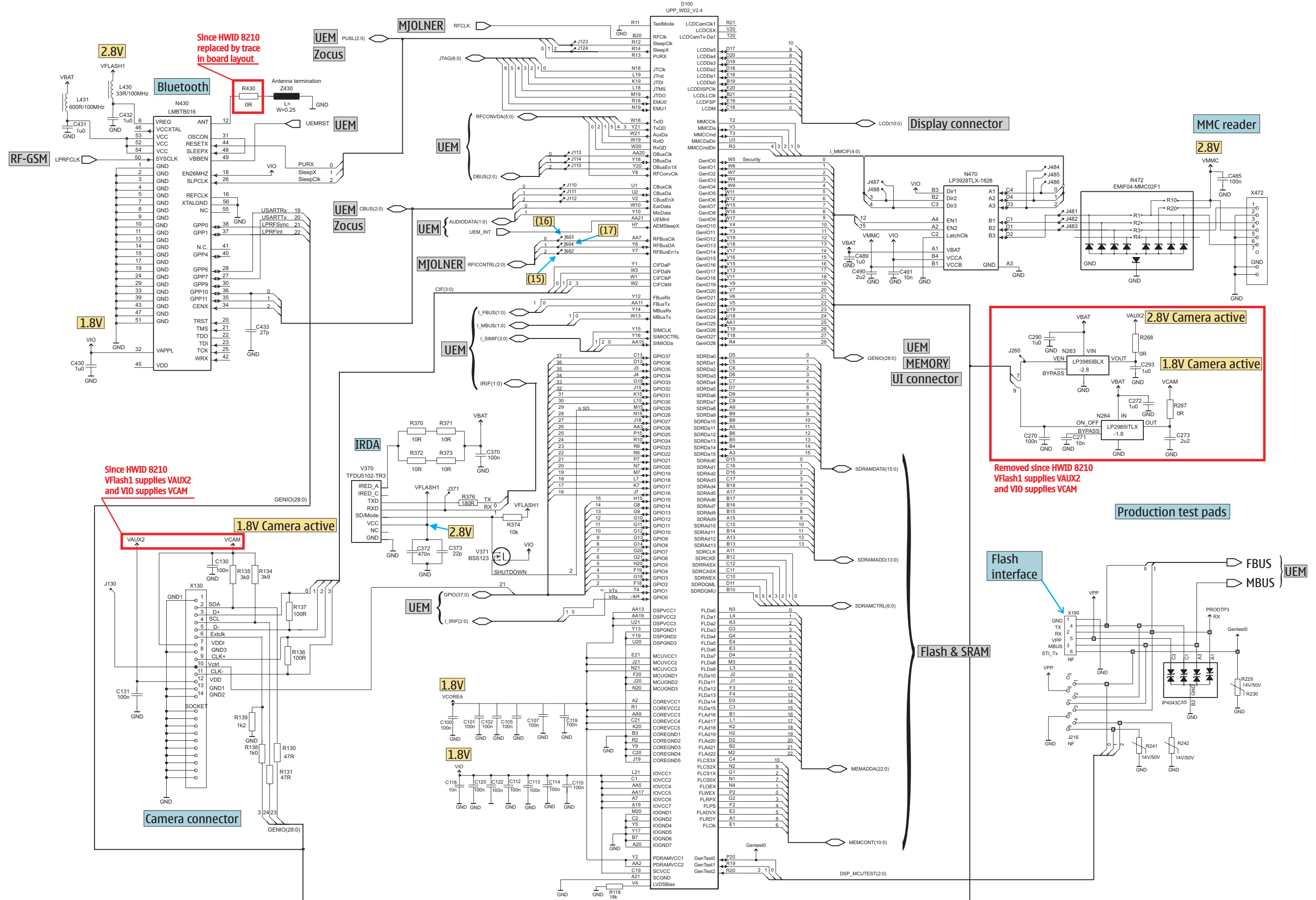
2.8V

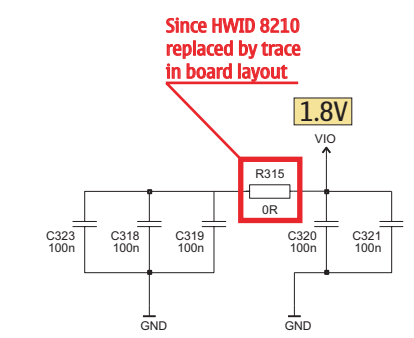
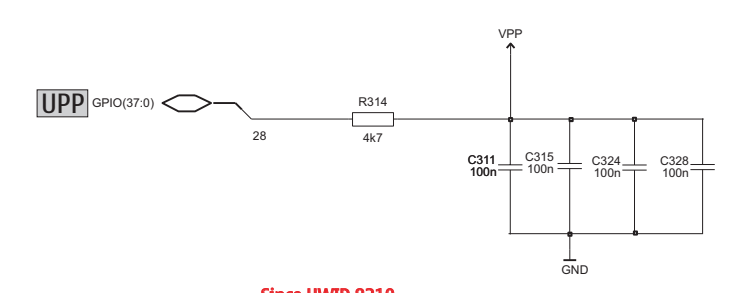
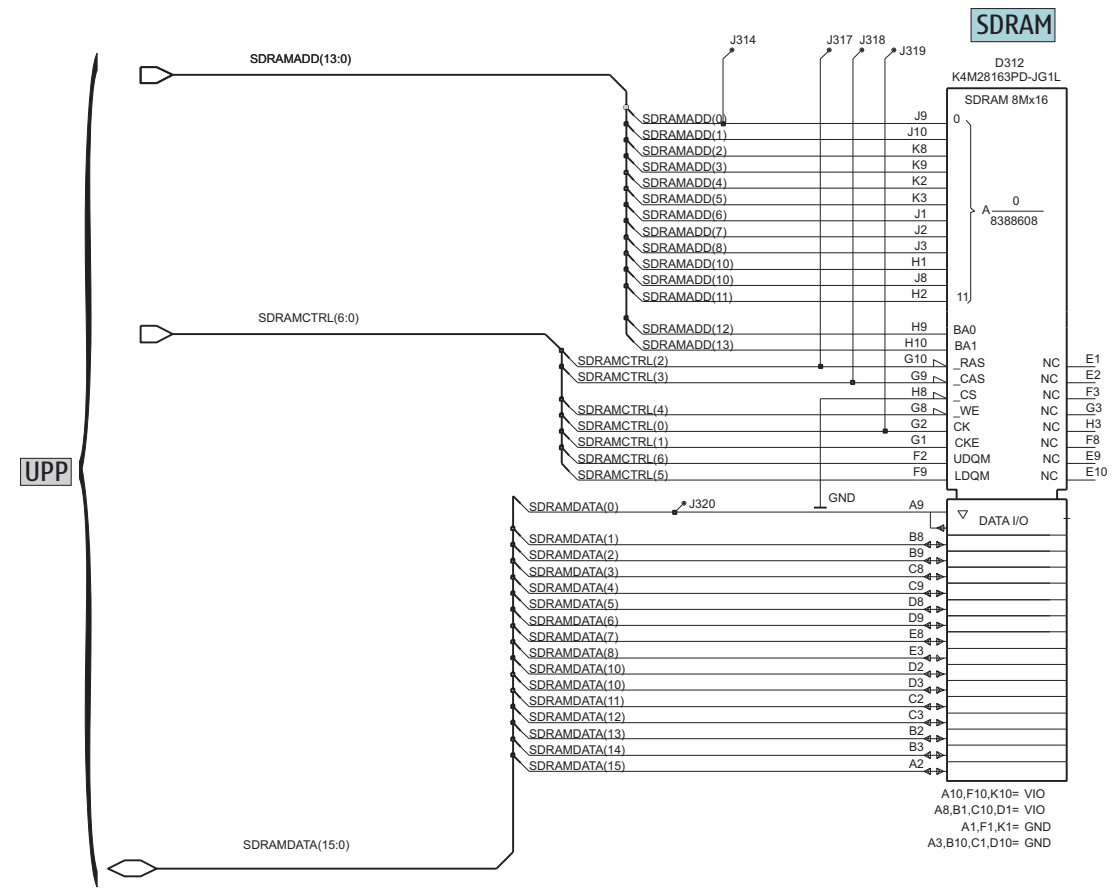
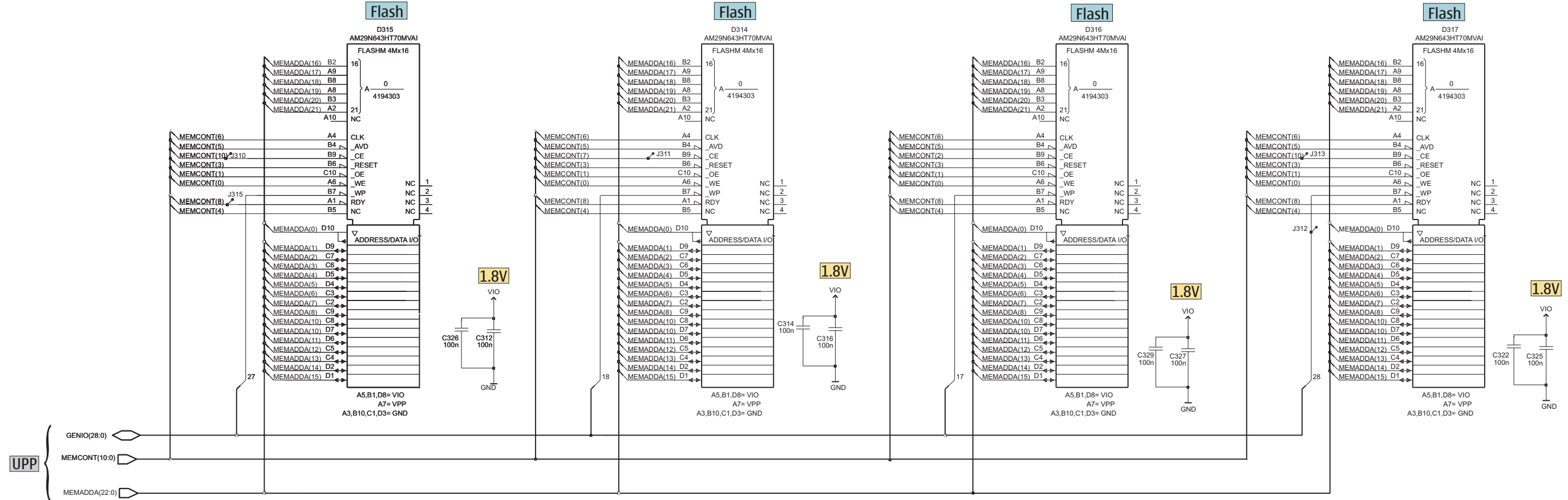
1.8V

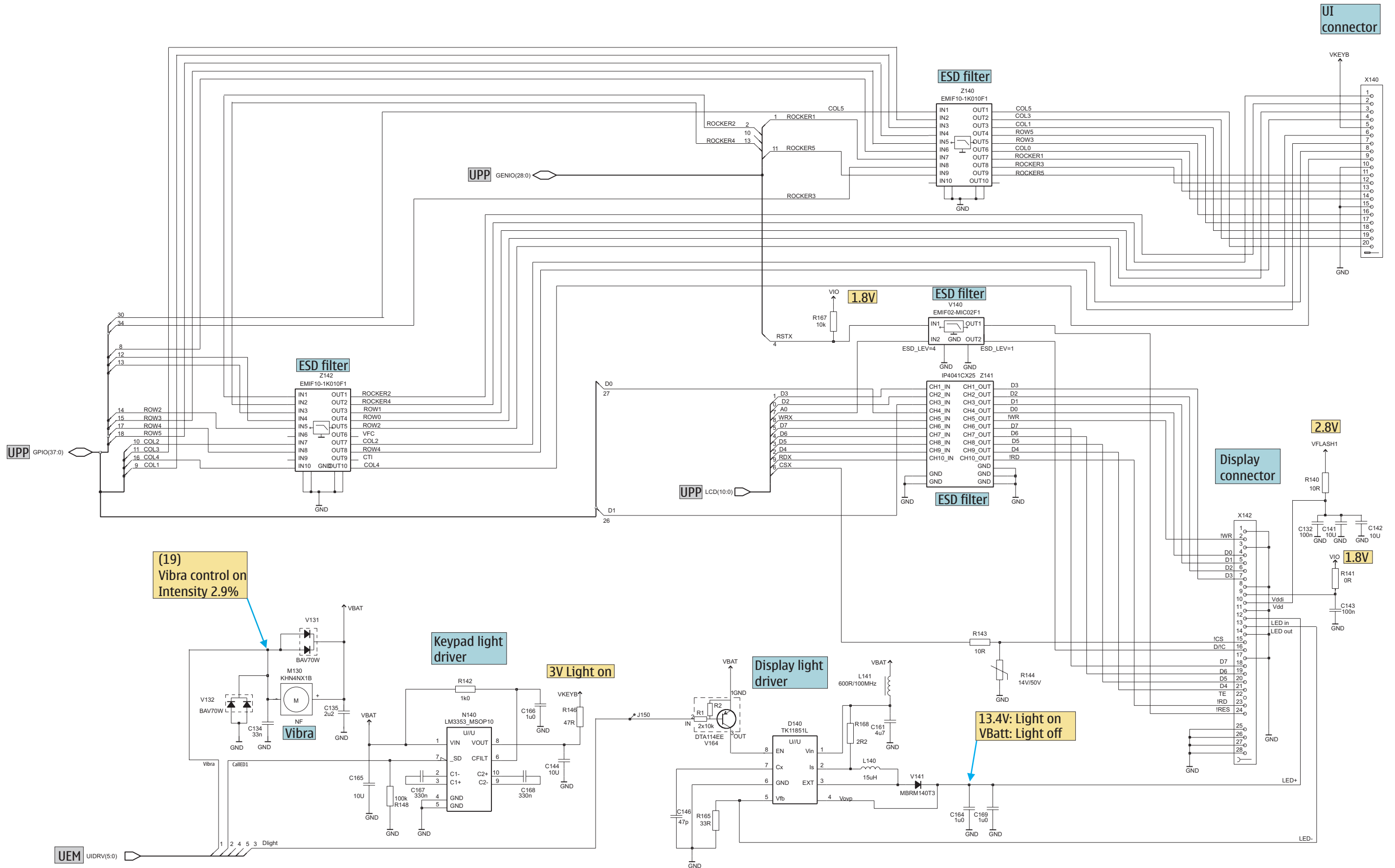
2.8V

Removed since HWID 8210

Bluetooth UEMRSTX







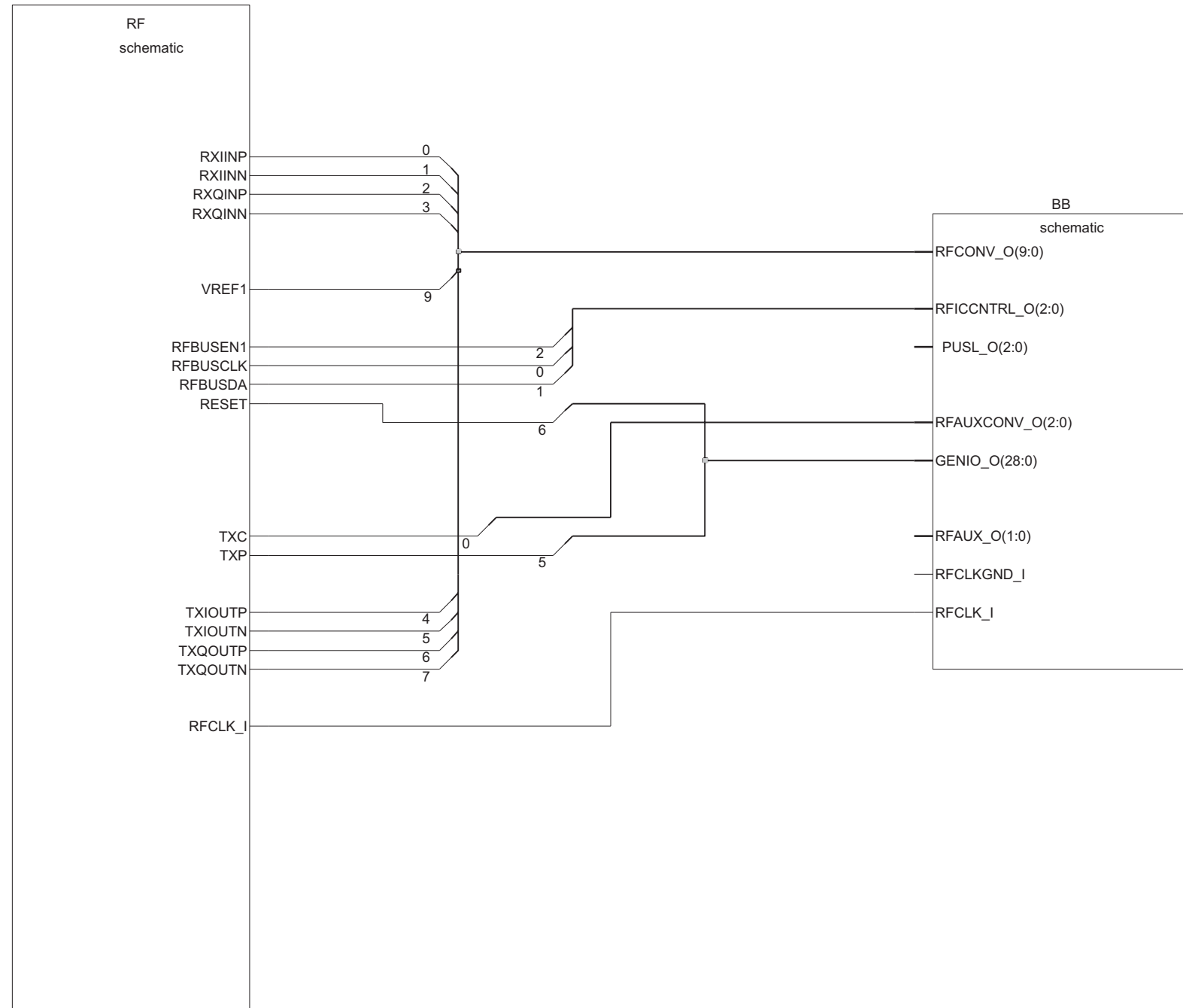
(19) Vibra control on Intensity 2.9%

Keypad light driver

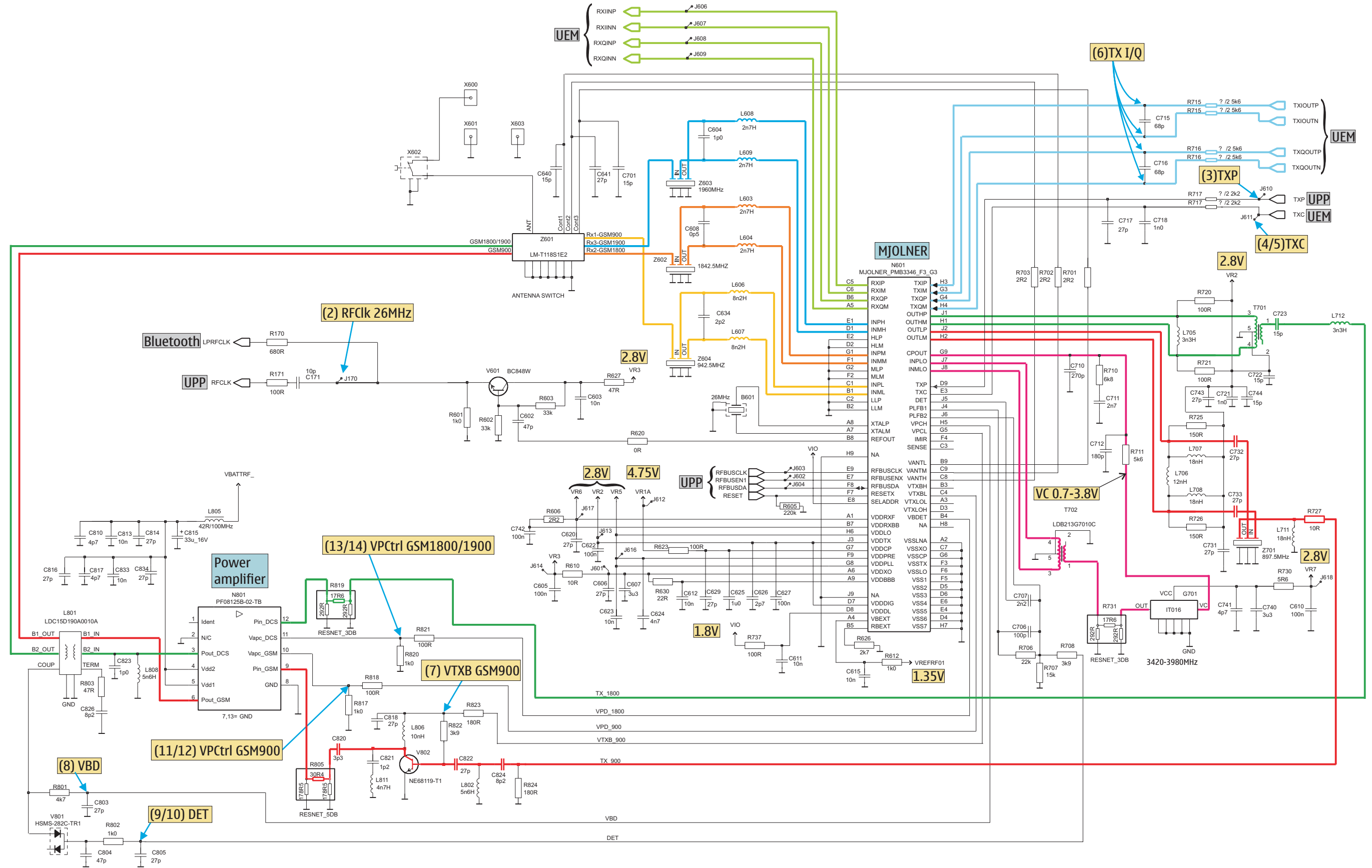
Display light driver

3V Light on

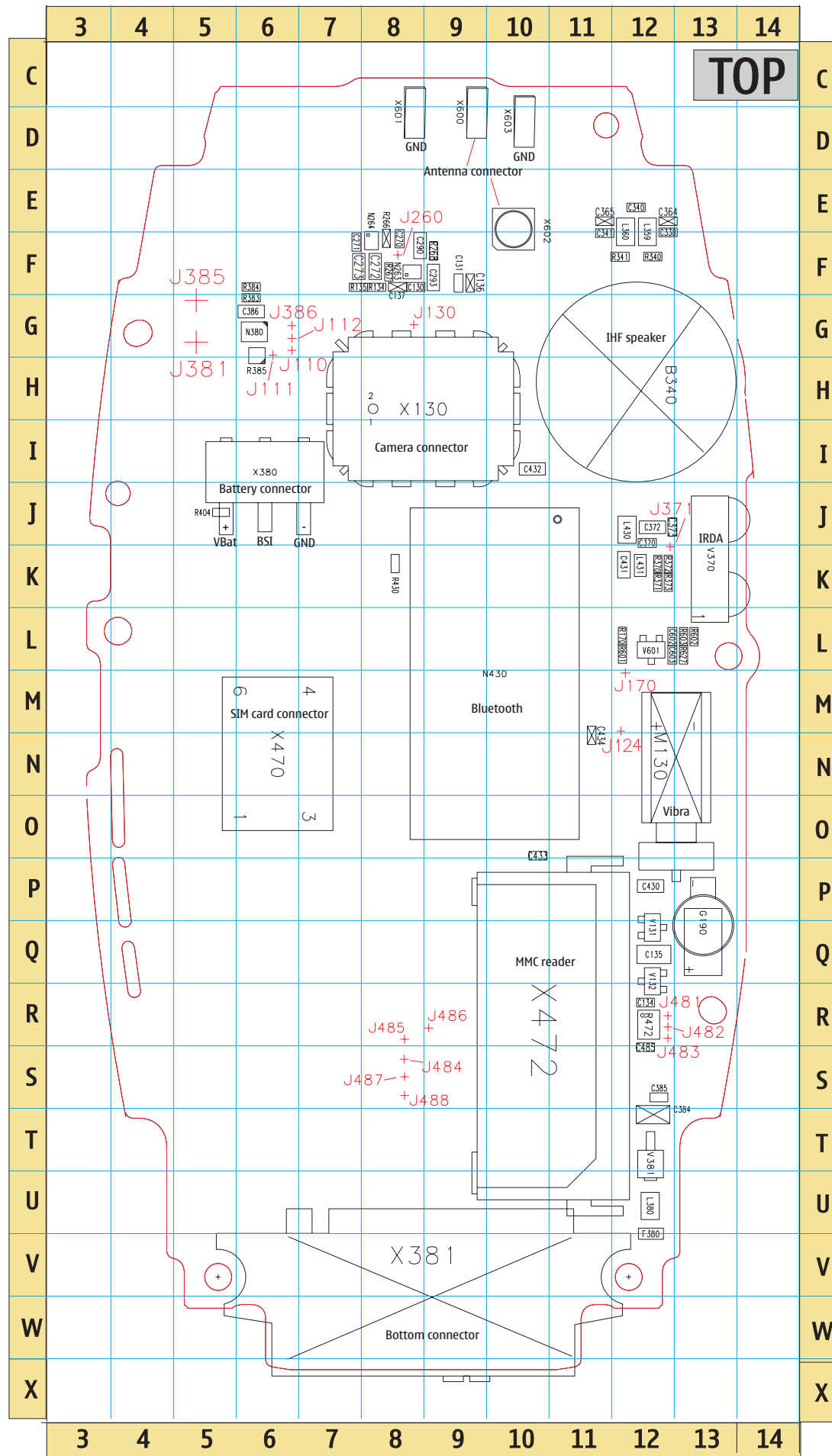
13.4V: Light on VBatt: Light off



Band	Channel	RX	VCO/RX	VC/RX	TX	VCO/TX	VC/TX
EGSM 900	37	942,4MHz	3769,6MHz	~2,58V	897,4MHz	3589,6MHz	~1,8V
GSM 1800	700	1842,8MHz	3685,6MHz	~2,2V	1747,8MHz	3495,6MHz	~1,4V
GSM 1900	661	1960MHz	3920MHz	~3,2V	1880MHz	3760MHz	~2,54V



PWB version NH4_051.v05a



B	C283	P	12	C710	L	5	J478	O	7	R168	G	12	R726	K	7		
B190	O	8	C284	Q	7	C711	L	5	J479	O	7	R170	L	12	R727	L	7
B601	H	6	C290	F	8	C712	K	5	J480	O	7	R171	Q	11	R730	L	6
C	C293	F	9	C715	K	5	J481	R	12	R191	N	8	R731	M	6		
C100	Q	8	C301	M	9	C716	K	5	J482	R	12	R217	P	12	R737	I	5
C101	R	8	C302	M	9	C717	K	4	J483	R	12	R218	Q	11	R801	H	10
C102	S	8	C303	N	8	C718	K	5	J484	S	8	R219	P	12	R802	H	9
C105	S	10	C311	S	11	C721	K	7	J485	R	8	R220	P	12	R803	I	10
C107	Q	9	C312	U	11	C722	K	8	J486	R	9	R228	M	11	R805	L	12
C112	S	10	C314	T	8	C723	K	8	J487	S	8	R229	N	5	R817	L	11
C113	R	8	C315	U	8	C731	K	6	J488	S	8	R230	N	5	R818	L	11
C114	Q	8	C316	S	9	C732	K	6	J601	H	7	R241	N	6	R819	K	10
C115	Q	9	C318	Q	12	C733	K	6	J602	R	5	R242	N	5	R820	L	11
C118	Q	10	C319	S	12	C740	L	6	J603	R	5	R243	G	9	R821	L	11
C119	S	8	C320	S	12	C741	L	6	J604	R	5	R244	P	12	R822	L	9
C120	S	10	C321	R	10	C742	H	6	J606	N	12	R246	N	7	R823	L	9
C122	Q	10	C327	T	6	C743	K	7	J607	N	11	R247	P	12	R824	L	9
C130	F	8	C323	Q	12	C744	K	7	J608	M	11	R263	P	6	S		
C131	F	9	C324	R	5	C803	H	10	J609	M	12	R267	F	8	S130	D	10
C132	F	6	C325	T	6	C804	H	9	J610	L	4	R268	F	9	T		
C134	R	12	C326	S	11	C805	H	9	J611	L	5	R314	Q	5	T701	K	8
C135	Q	12	C327	T	6	C810	H	11	J612	J	5	R315	Q	12	T702	M	6
C141	F	6	C328	T	6	C813	H	11	J613	K	6	R330	P	8	V		
C142	F	6	C329	U	6	C814	H	11	J614	H	7	R332	P	8	V131	Q	12
C143	F	6	C330	P	9	C815	K	9	J616	J	5	R333	W	7	V132	Q	12
C144	U	12	C331	P	9	C816	H	12	J617	I	7	R334	W	7	V140	F	7
C146	G	11	C332	W	7	C817	H	12	J618	I	7	R336	Q	6	V141	E	10
C161	G	10	C333	P	9	C818	L	9	J619	L	9	R337	Q	6	V164	G	11
C164	E	10	C334	Q	6	C820	K	10	J620	L	14	R338	P	6	V370	K	13
C165	T	12	C336	P	6	C821	K	10	J621	L	14	R339	Q	5	V371	M	12
C166	T	12	C337	P	6	C822	K	9	J622	L	14	R340	F	12	V381	T	12
C167	T	12	C338	F	12	C823	I	11	J623	L	11	R341	F	12	V601	L	12
C168	U	12	C339	Q	5	C824	L	9	J624	L	9	R342	U	6	V801	H	9
C169	E	11	C340	E	12	C826	L	10	J625	M	8	R343	Q	11	V802	K	9
C171	Q	11	C341	F	11	C833	H	12	J626	V	7	R344	Q	10	X		
C190	N	9	C342	P	5	C834	J	10	J627	V	7	R345	Q	10	X130	H	9
C191	N	8	C343	V	6	D			J628	W	7	R347	P	11	X140	W	9
C192	N	8	C344	V	6	D100	R	9	J629	W	7	R348	V	6	X142	D	6
C194	N	9	C345	P	10	D140	G	11	J630	F	12	R349	V	6	X380	I	6
C196	P	8	C346	P	10	D190	O	10	J631	F	12	R352	W	6	X470	N	6
C197	P	8	C347	W	7	D312	R	11	J632	U	12	R353	W	6	X472	R	11
C198	O	12	C348	P	11	D314	U	9	J633	U	12	R354	E	9	X600	D	9
C199	M	7	C349	Q	11	D315	U	10	J634	K	12	R355	E	9	X601	D	8
C201	P	9	C350	P	10	D316	U	7	J635	U	7	R356	F	9	X602	E	10
C202	N	9	C351	P	11	D317	S	6	J636	L	6	R357	E	9	X603	D	10
C203	O	9	C352	W	6	F			J637	L	6	R358	E	9	Z		
C204	O	8	C353	W	6	F380	V	12	J638	I	7	R361	Q	10	Z140	W	10
C205	P	10	C354	E	8	G			J639	J	7	R362	Q	5	Z141	F	7
C206	P	8	C355	F	9	G190	Q	13	J640	I	7	R363	P	5	Z142	V	10
C207	P	10	C356	E	9	G701	M	5	J641	K	7	R364	P	9	Z601	I	9
C209	P	11	C357	Q	10	J			J642	K	6	R365	Q	9	Z602	J	8
C211	P	9	C359	P	5	J110	G	6	J643	L	7	R366	Q	8	Z603	I	8
C213	P	9	C361	V	7	J111	G	6	J644	L	7	R367	P	11	Z604	I	8
C215	O	12	C368	P	9	J112	G	6	J645	L	7	R370	K	12	Z701	K	6
C216	N	12	C369	Q	9	J113	Q	8	J646	L	7	R371	K	12			
C217	P	8	C370	J	12	J114	Q	8	J647	L	10	R372	K	12			
C218	M	11	C372	J	12	J115	Q	8	J648	L	9	R373	K	12			
C219	M	11	C373	J	12	J123	N	12	J649	L	9	R374	M	12			
C223	N	9	C385	S	12	J124	M	12	J650	L	8	R376	O	13			
C224	N	9	C386	G	6	J130	G	8	J651	L	11	R383	G	6			
C226	P	11	C430	P	12	J150	G	12	J652	L	11	R384	F	6			
C227	P	11	C431	K	12	J170	M	12	J653	L	11	R385	G	6			
C228	P	11	C432	I	10	J201	O	11	J654	L	12	R404	J	5			
C230	M	11	C433	O	10	J202	O	11	J655	L	7	R430	K	8			
C232	M	11	C471	N	6	J203	O	12	J656	L	12	R472	R	12			
C234	M	10	C485	S	12	J204	O	12	J657	L	8	R489	N	7			
C235	O	12	C489	P	12	J205	O	12	J658	L	8	R490	N	7			
C239	M	9	C490	O	13	J206	N	12	J659	L	5	R496	O	6			
C240	M	10	C491	Q	13	J207	N/O	12	J660	L	13	R601	L	12			
C241	O	8	C602	L	12	J208	N/O	11	J661	L	10	R602	L	13			
C242	O	9	C603	L	12	J209	O	11	J662	L	11	R603	L	13			
C243	O	12	C604	L	7	J210	N	12	J663	L	11	R605	I	5			
C244	M	8	C605	H	7	J211	N	12	J664	L	11	R606	H	7			
C245	O	12	C606	H	6	J212	N	12	J665	L	12	R610	H	7			
C246	M	8	C607	H	7	J213	N	11	J666	L	8	R612	H	6			
C247	O	8	C608	J	7	J214	N	11	J667	L	11	R620	I	5			
C248	Q	11	C610	M	6	J215	N	11	J668	L	11	R623	J	5			
C249	P	10	C611	I	5	J260	F	8	J669	L	11	R626	H	5			
C251	M	11	C612	I	5	J261	O	7	J670	L	11	R627	L	13			
C252	P	11	C615	H	7	J310	T	10	J671	L	8	R630	I	5			
C254	Q	9	C620	I	7	J311	S	9	J672	L	7	R701	I	5			
C255	M	10	C622	K	6	J312	T	5	J673	L	8	R702	I	5			
C256	M	10	C623	J	5	J313	S	5	J674	L	8	R703	I	5			
C257	M	10	C624	J	5	J314	Q	11	J675	L	8	R706	K	5			
C258	N	8	C625	J	4	J315	S	9</									

