PRESIDENT

GEORGE II

SERVICE MANUAL

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SPECIFICATIONS

General	
Frequency coverage	26.565MHz ~ 27.405MHz
Configuration	40 EU / 40 PL / 80 d / 40 EC / 40 UK+40CEPT / 27 In
Operating mode	AM(A3E) / FM(F3E) / USB LSB(J3E)
Antenna Impedance	50Ω
Working temperature	–10℃~+55℃
Frequency Tolerance	± 200Hz
Frequency Stability	0.001%
Input Voltage	13.2V DC
Grounding Method	Negative ground
Current Drain	Transmitter: 5A(max.)
	Receiver: From 500mA to 800mA (Vol Max)
Dimensions (D x H x W)	172 x 56 x 185 mm
Weight	Approx. 1.2kg
RECEIVER	
Sensitivity for 20dB sinad	0.5μV(-113dBm) AM Mode
	0.35μV(-116dBm) FM Mode
	0.28μV(-118dBm) SSB Mode
Image Rejection	60dB
IF Frequency	AM/FM: 10.695 MHz 1st IF, 455 KHz 2nd IF SSB: 10.695 MHz
Adjacent-Channel-Selectivity	60dB
Automatic Gain Control(AGC)	Less than 10 dB change in audio output for inputs from 10 to 100,000 microvolt.
Audio frequency response	From 300Hz to 3.0kHz
Audio Output Power	4 watts max @8Ω
TRANSMITTER	
Output Power	FM: 4W AM: 4W SSB:12W (PEP)
Modulation Max	AM ± 95% FM ± 1.95Khz
Audio frequency response	From 300Hz to 3.0kHz
SSB Carrier Suppression	55dB
Microphone sensitivity	Inferior to 3mV
Transmission interference	Inferior to 4 nW (-54 dBm)

CIRCUIT DESCRIPTION

1. Frequency Configuration

The receiver utilizes double conversion, the 1st intermediate frequency is 10.695MHZ & the 2nd intermediate frequency is 455KHZ. The 1st local oscillator signal is generated by RF module.

2. Receiver

The receiver is double conversion superheterodyne, designed to operate in the frequency range of 26.965-27.405MHz

1) Front-end RF amplifier

An incoming signal from the antenna is applied to TX/RX antenna switch diode circuit(D250 and D252),the pass BPF and signal amplified by Q250.The signal is filter through a band pass filter. The band-pass filters are tuned to a desired frequency by varicaps (D261, D262, D263,). A tuning voltage corresponding to the desired signal is applied to each varicap through the D/A module of the U550 to tune to the receive frequency.

2) First Mixer

The signal from the RF amplifier is heterodyned with the first local oscillator signal from RF module at the first mixer(Q251，Q252) to create a 10.695MHZ first intermediate frequency(1st IF) signal. The first IF signal is filtered through a band pass filter (L253, L254 and L255) and then fed through the monolithic crystal filter (MCF: CB250) to further remove spurious signals.

3) IF amplifier

FM signal: The first IF signal go into second mixer Q257, second mixer mix first IF and 10.24MHZ second IF output Y251. The signal is heterodyned again with a second local oscillator signal. The second IF signal is then fed through a 455kHz ceramic filter (CF251) to further eliminate unwanted signals. The signal is amplified by Q256, Q255, Q254 and Q253, and then the second IF signal enter U252 (FM processing IC).

AM signal: the second IF signal is changed according to D273 diode DC and receive audio signal output.

SSB signal: from the switch diode (D269 and D270) received signal enter the IF filter (CF250) is a signal obtained by filtering the intermediate frequency amplifier via the switching diode (D266 and D265). The signal is amplified by Q256, Q255, Q254 and Q253, and according to D258 diode DC and receive audio signal output.

4) Audio signal amplifier

The FM processing IC output the FM AF or the AM AF through the D273 or the SSB AF through the D258 passes through the Audio Processor (U802).After goes to AF power amplifier IC (U553). Is routed to an audio power amplifier (U553) where it is amplified and output to the speaker. To output sounds from the speaker, U800 sends a high signal to the SP MUTE line the turns Q559.

5) Squelch

A squelch circuit is provided to prevent no-signal noise or weak signals from outputting to a speaker during transmission.

CIRCUIT DESCRIPTION

3. Transmitter

Outline

The transmitter circuit produces and amplifies the desired frequency directly. It FM-modulates the carrier signal by means of RF module.

1) Mic Amplifier

The audio signal from the microphone enters the Audio Processor (U802) for audio pre-emphasis, filtering, etc.

FM signals: The signal output by Audio Processor (U802) through the RF module (U451) through the VCO modulation terminal for direct FM modulation.

AM signal: The audio signal output from the Audio Processor (U802) enters the amplifier (U551) for amplification, and the amplified AM modulated signal enter into RF amplifier after passing through power supplies Q552, Q551 and Q558.

SSB signal: The audio signal output from the Audio Processor (U802) enters the amplifier (U551) for amplification, and the amplified SSB modulated signal into the SSB modulator (U452) to modulate the resulting signal is fed from the output of the IF filter (CF250) after filtering and Q106 buffer amplifier mixer (D111, D112, L120, L121) after mixing to the RF amplifier output to the antenna terminals.

2) Driver and terminal amplifier

From the RF module (U451) of the received RF signal is a pre-driver amplifier (Q105, Q107, Q109, Q104) amplified by the RF amplifier output driver amplifier (Q101 and Q102). RF power amplifier constituted by the two MOS FET. RF power amplifier output by the harmonic filter (LPF) and sent to the antenna terminal.

4. Power supply

A 5V(U751) reference power supply 5V for the control circuit is derived from an internal battery, if power off ,5V is off.

5. EEPROM system

CB radio with 128k-bit EEPROM (U808).EEPROM includes adjust data. MPU(U800) controlled EPPROM by two serials lines.

6. Control system

The microprocessor (U800) operates at a clock of 19.20MHz.

The control circuit consists of a microprocessor (U800) and its peripheral circuits. It controls the TX-RX unit. U800 mainly performs the following:

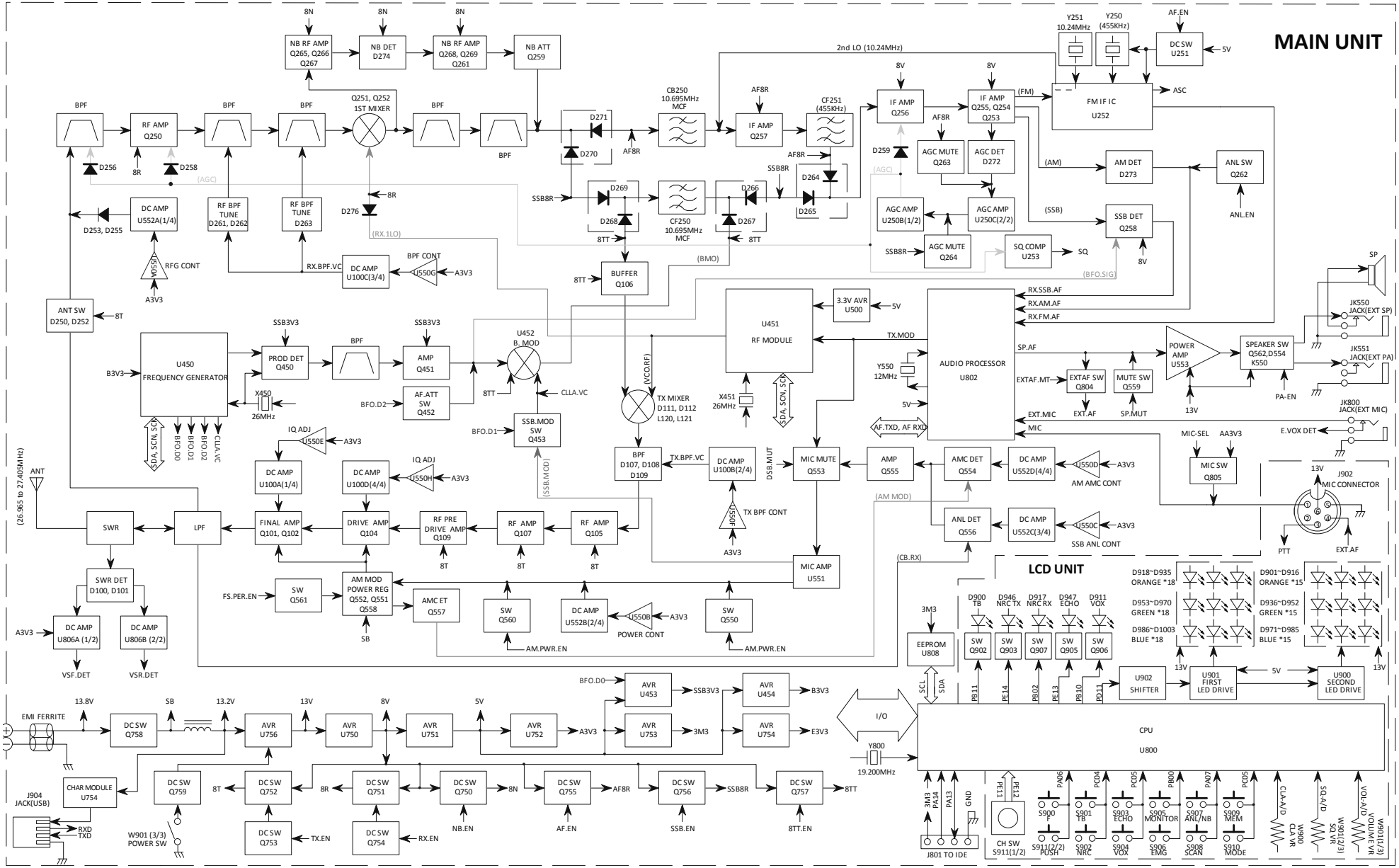
1) Switching between transmission and reception by the PTT signal input.
2) Sending frequency program data to the RF module.
3) Controlling squelch on/off by the DC voltage from the squelch circuit.
4) Controls the compander unit.

5) Controls the power supply unit.

7. Display Circuit

The MPU (U800) controls the display LCD. The LCD driver (U800) communicate through the LCD.CS, LCD.CK, LCD.DI lines.

BLOCK DIAGRAM



GEORGE II EU Adjusting Mode

Testing Mode: In radio off status, Press and hold **PTT**+**TB**+**F and turn on radio, LCD shows "TEST", press NRC→ECHO→VOX in 5S then full display and enter into testing mode. Turn channel knob to select menu, press PTT then turn channel knob to adjust parameter.**

CH6: Q104 bias current. **TX IQ1** displayed. With all short circuit caps removed. With an external 10 V power supply, connected on the test point **T105** with the positive cable through a resistance of 8Ω in series. Rotate the channel switch to set the static current to 100 mA (read on the power supply's ampere meter) in TX mode.

CH7: Q101 + Q102 bias current. **TX IQ2** displayed. With all short circuit caps removed. With an external 10 V power supply, connected on the test point **T100** with the positive cable through a resistance of 8Ω in series. Rotate the channel switch to set the static current to 100 mA (read on the power supply's ampere meter) in TX mode.

CH10: FM Medium power adjustment. **FM POW MI** displayed, turn off modulation signal, in transmission turn channel knob until getting 3.8W.

CH11: FM Low power adjustment. **FM POW LO** displayed, turn off modulation signal, in transmission turn channel knob until getting 1W.

CH13: FM Deviation adjustment. **FM TX MOD** displayed, input 1K 50mV into MIC, in transmission turn channel knob until getting 2KHZ.

CH19: AM Medium power adjustment. **AM POW MI** displayed, turn off modulation signal, in transmission turn channel knob until getting 3.8W.

CH20: AM Low power adjustment. **AM POW LO** displayed, turn off modulation signal, in transmission turn channel knob until getting 1.0W.

CH22: AM low power amplitude modulation adjustment. **AM MOD LO** displayed, input 1K 50mV into MIC, in transmission turn channel knob until getting 90%.

CH23: AM Medium power amplitude modulation adjustment. **AM MOD MI** displayed, input 1K 50mV into MIC, in transmission turn channel knob until getting 90%.

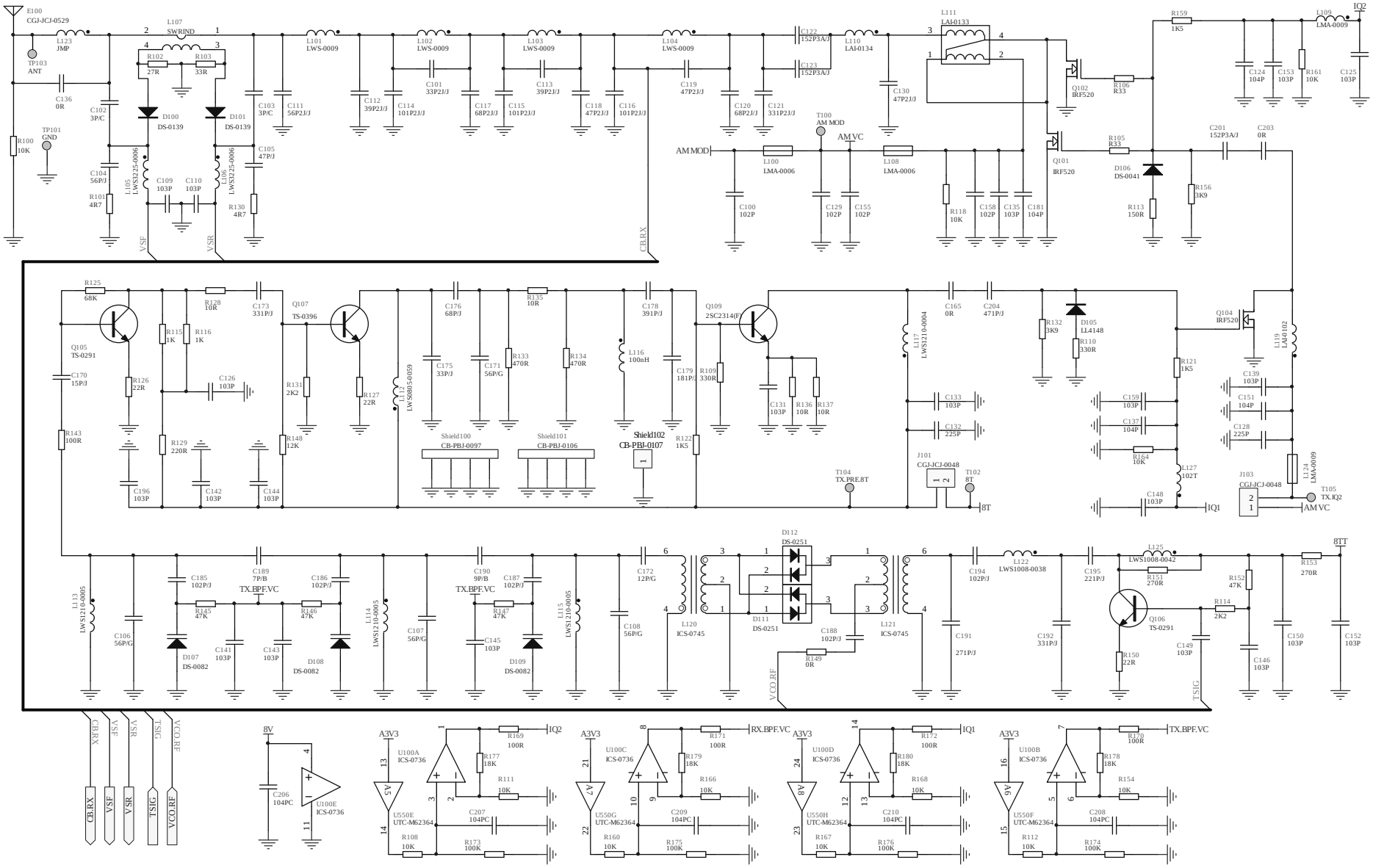
CH28: SSB Medium power DC power adjustment. **SSB DC MI** displayed. In transmission turn channel knob until getting 12.2V on testing point **T100**.

CH29: SSB Low power DC power adjustment. **SSB DC LO** displayed. In transmission turn channel knob until getting 6V on testing point **T100**.

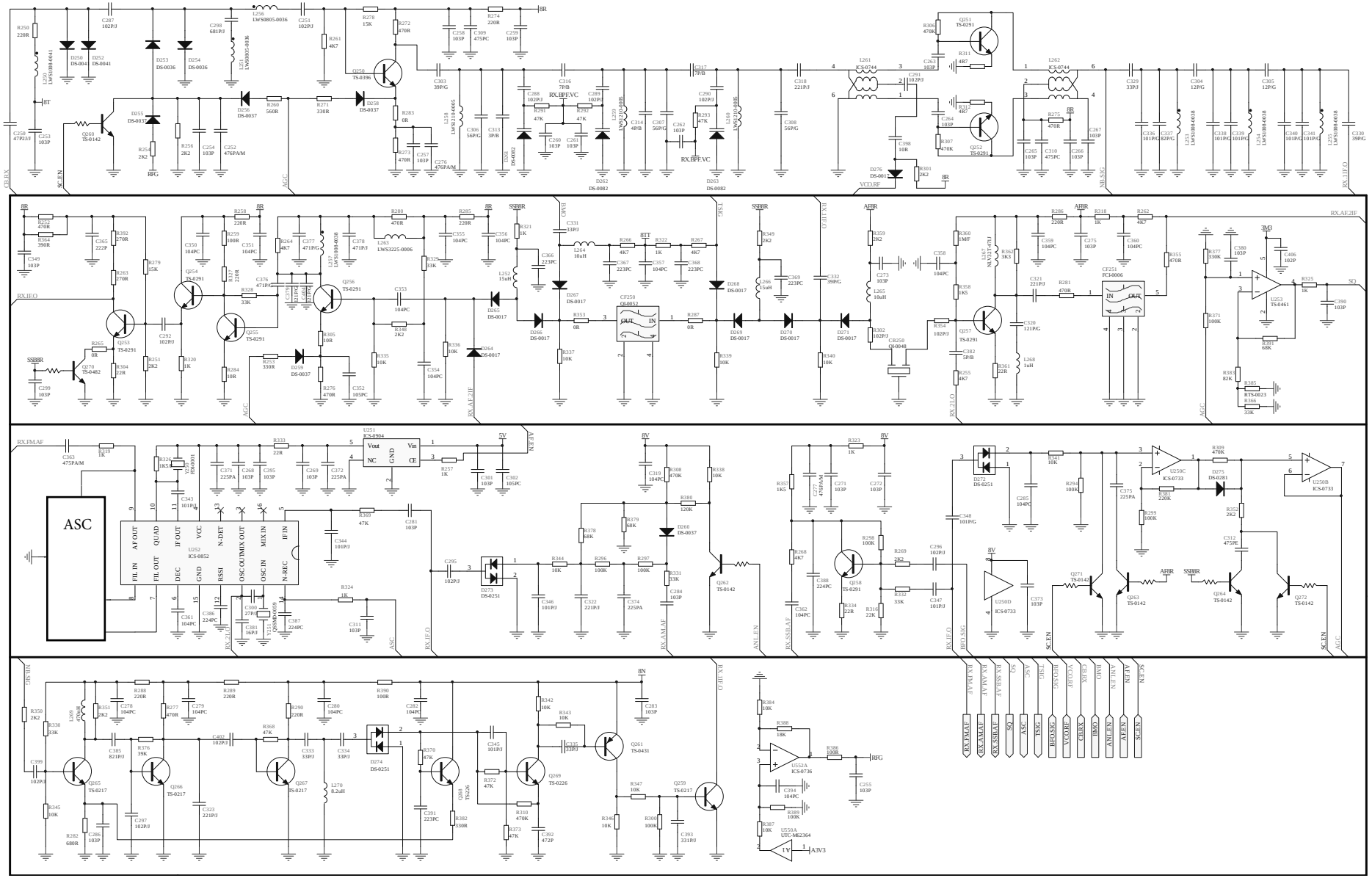
CH32: SSB PEP Low power adjustment. **SSB MOD LO** displayed, input 0.4K+2.5K 50mV into MIC, in transmission, turn channel knob until getting 1W.

CH33: SSB PEP Medium power adjustment. **SSB MOD MI** displayed, input 0.4K+2.5K 50mV into MIC, in transmission, turn channel knob until getting 12W.

SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM



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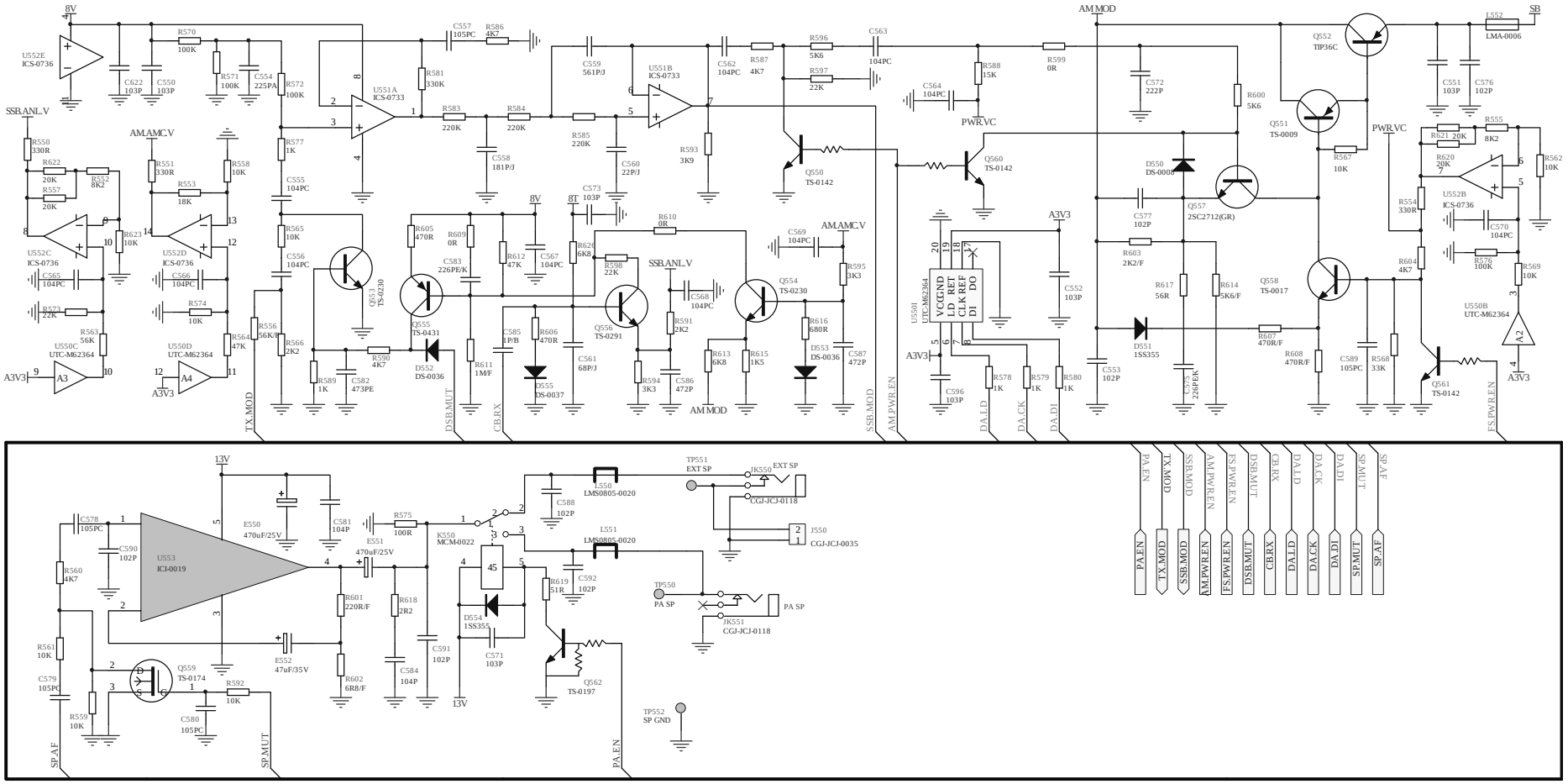
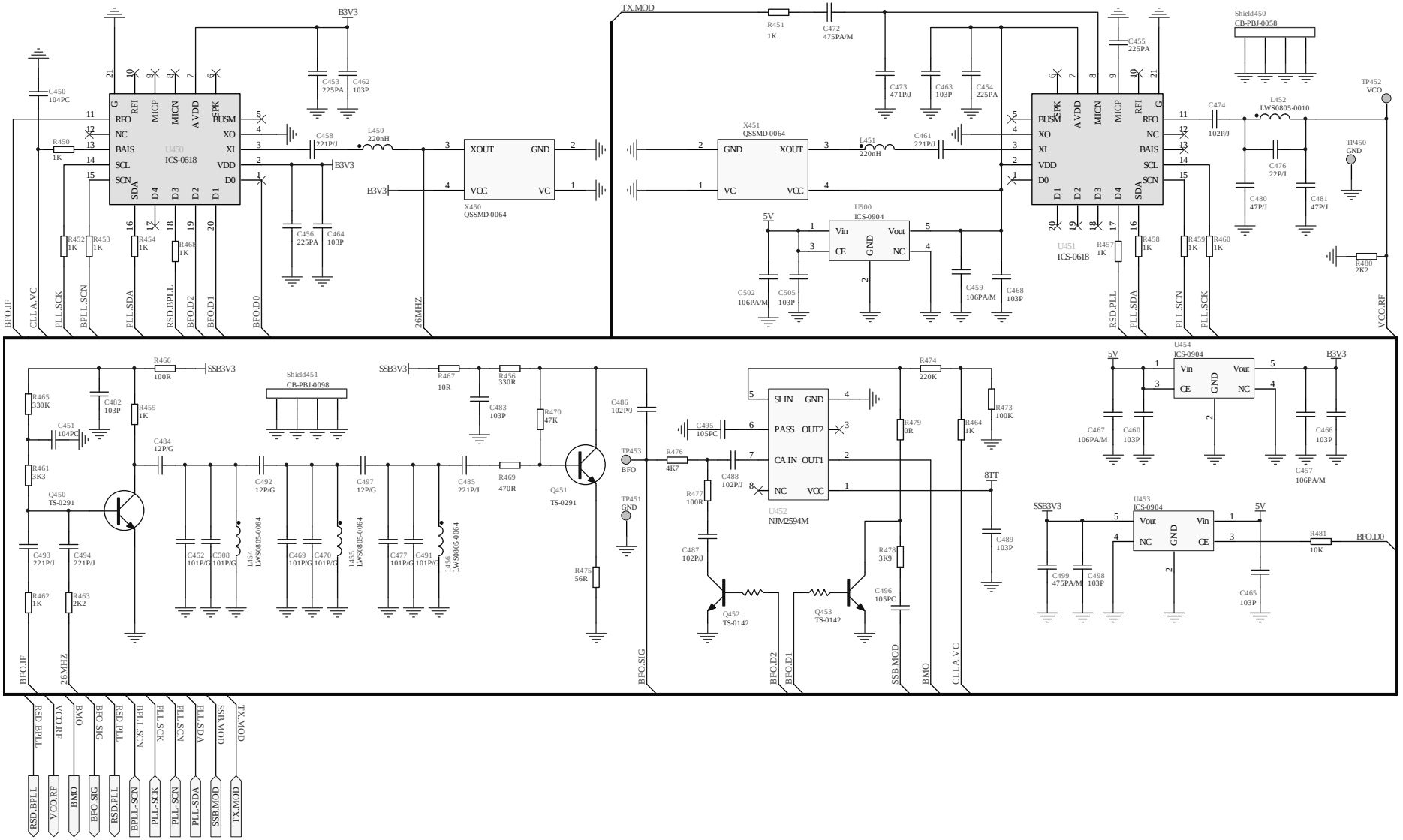


SCHEMATIC DIAGRAM



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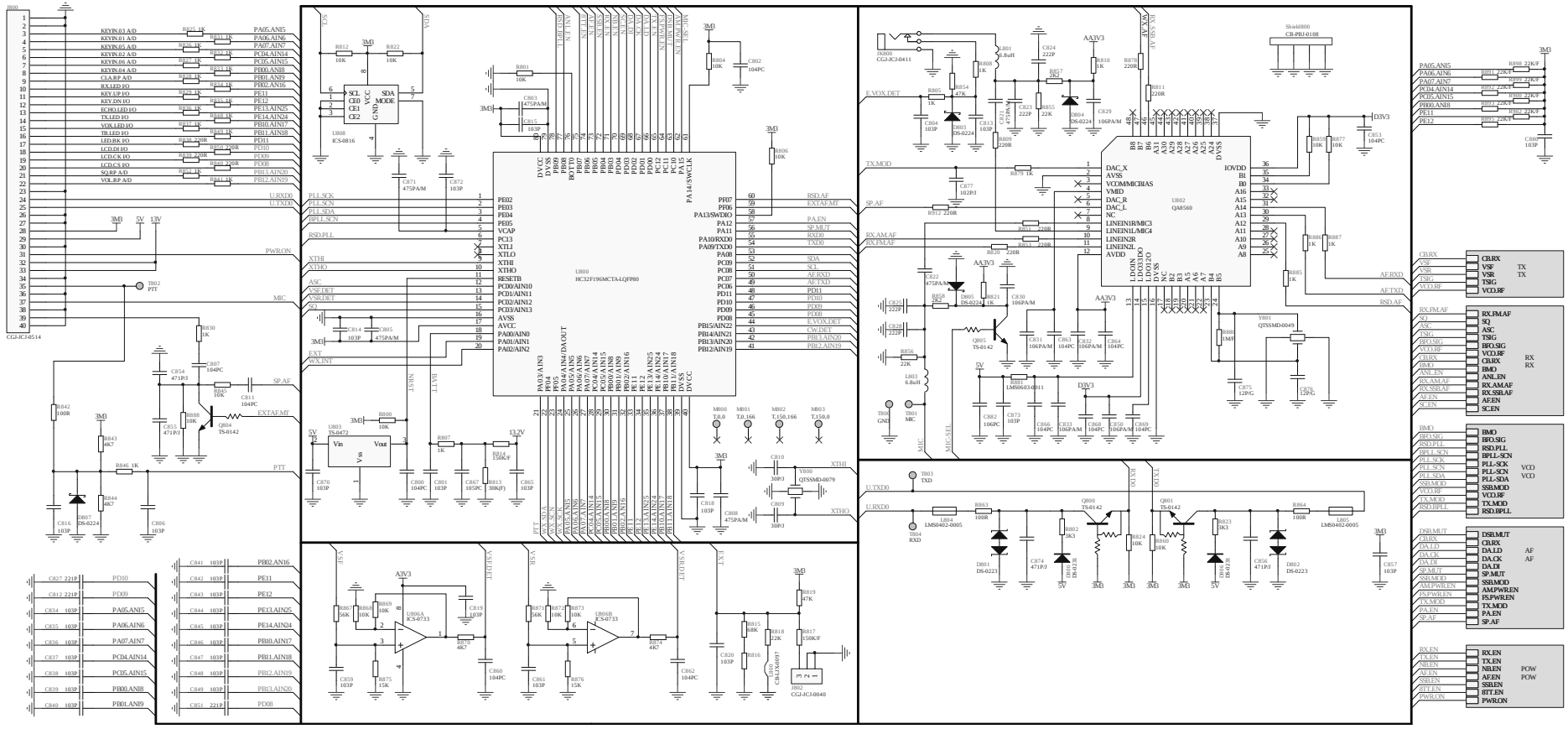

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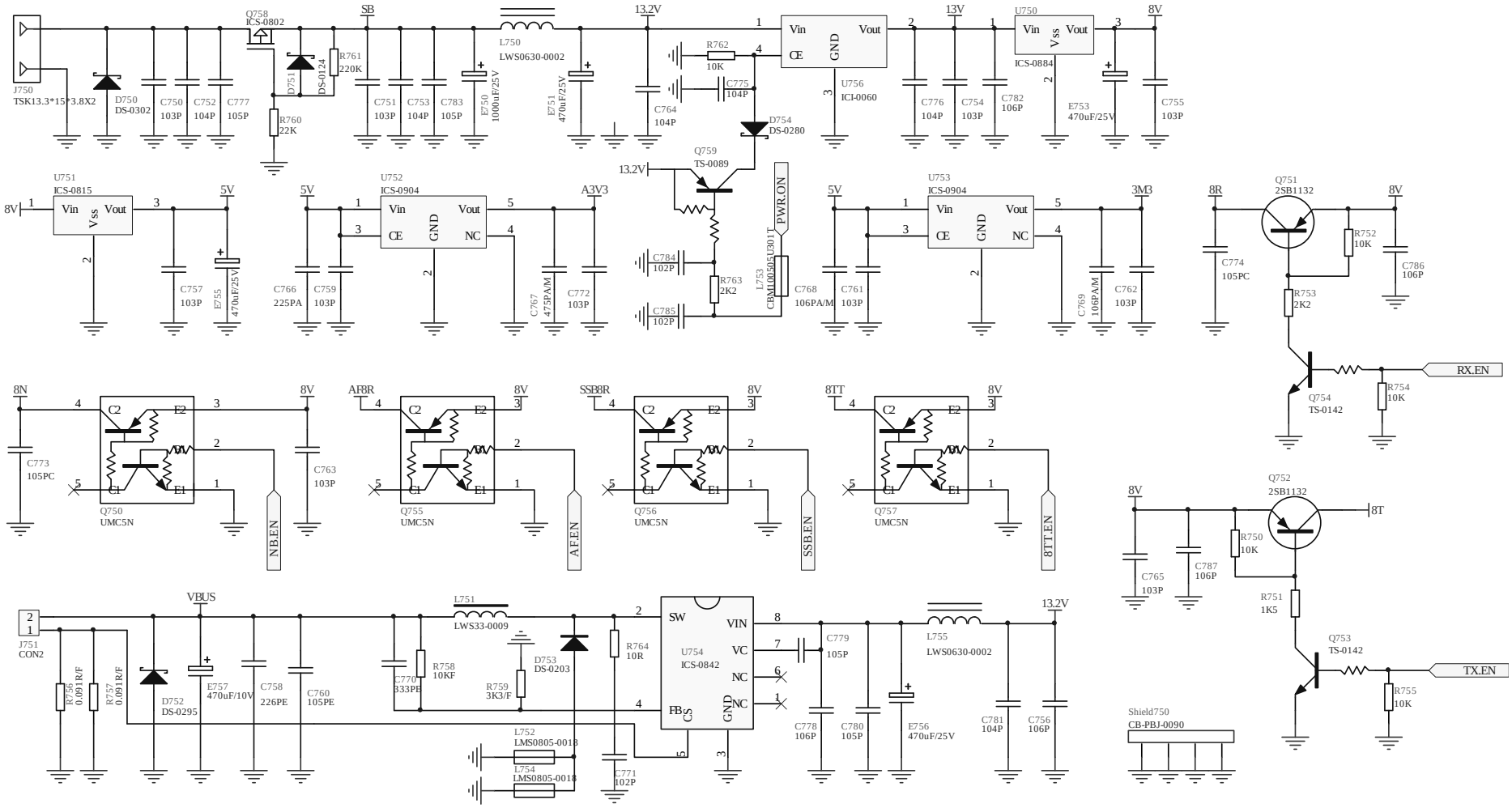

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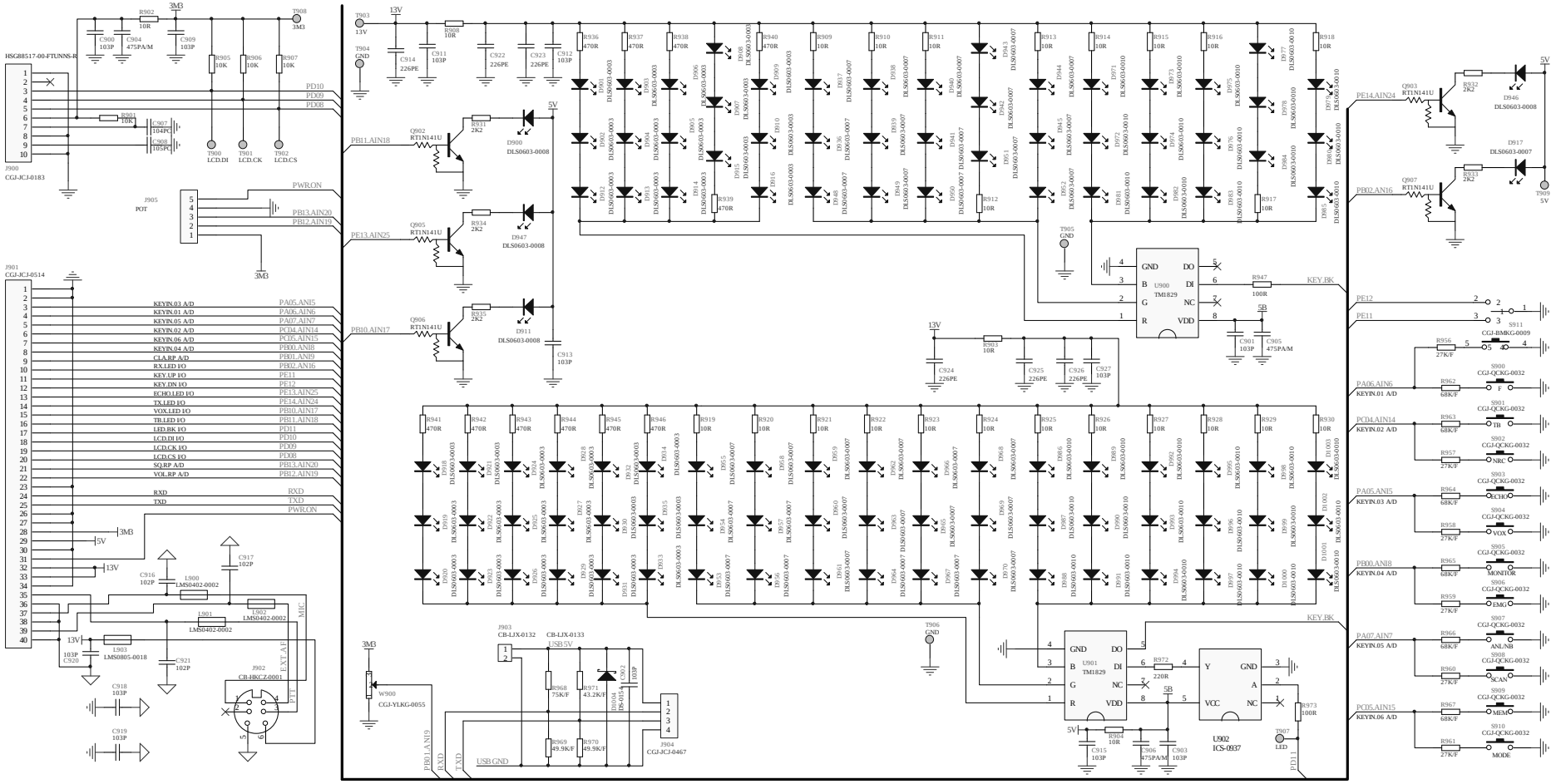

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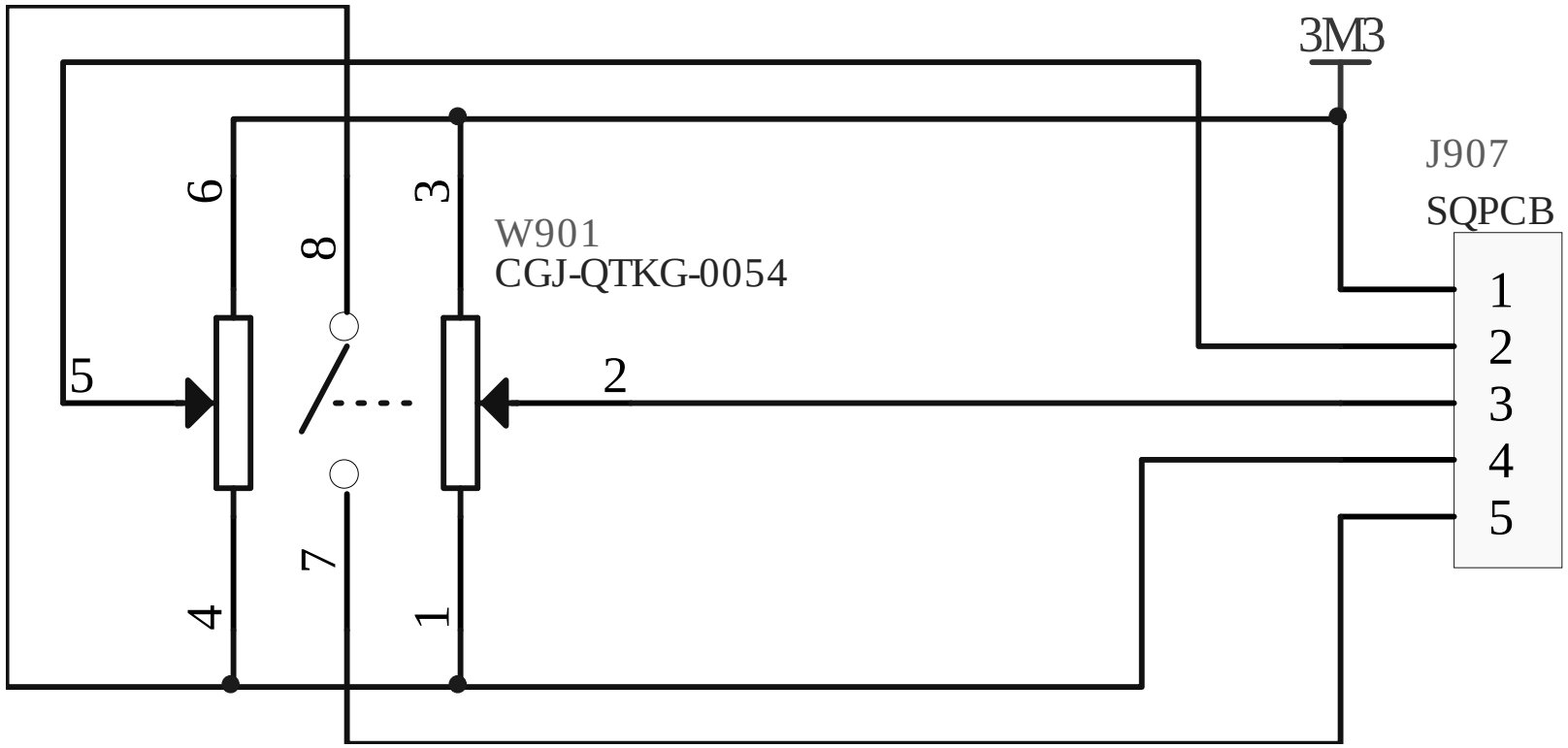
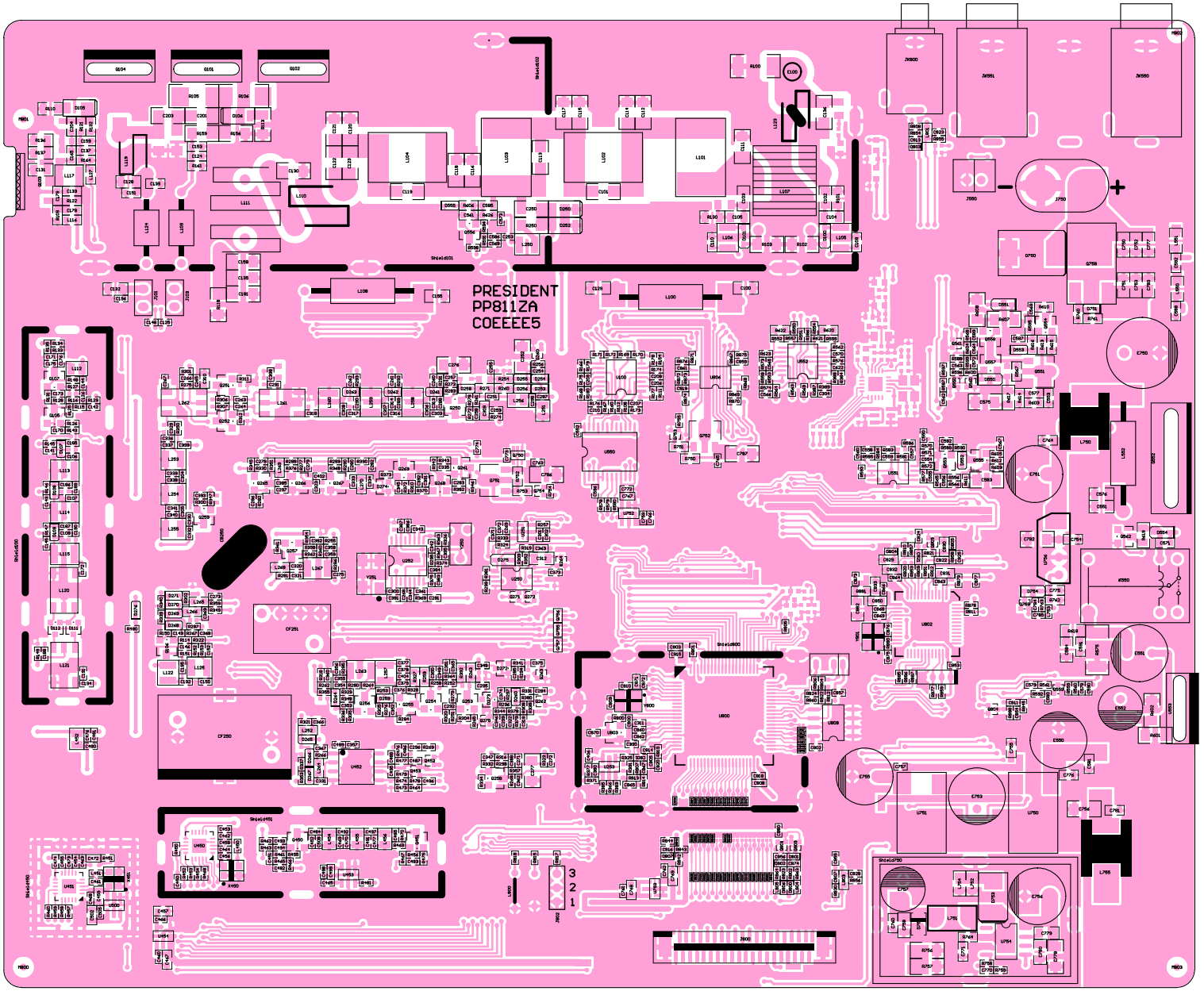


PC board views



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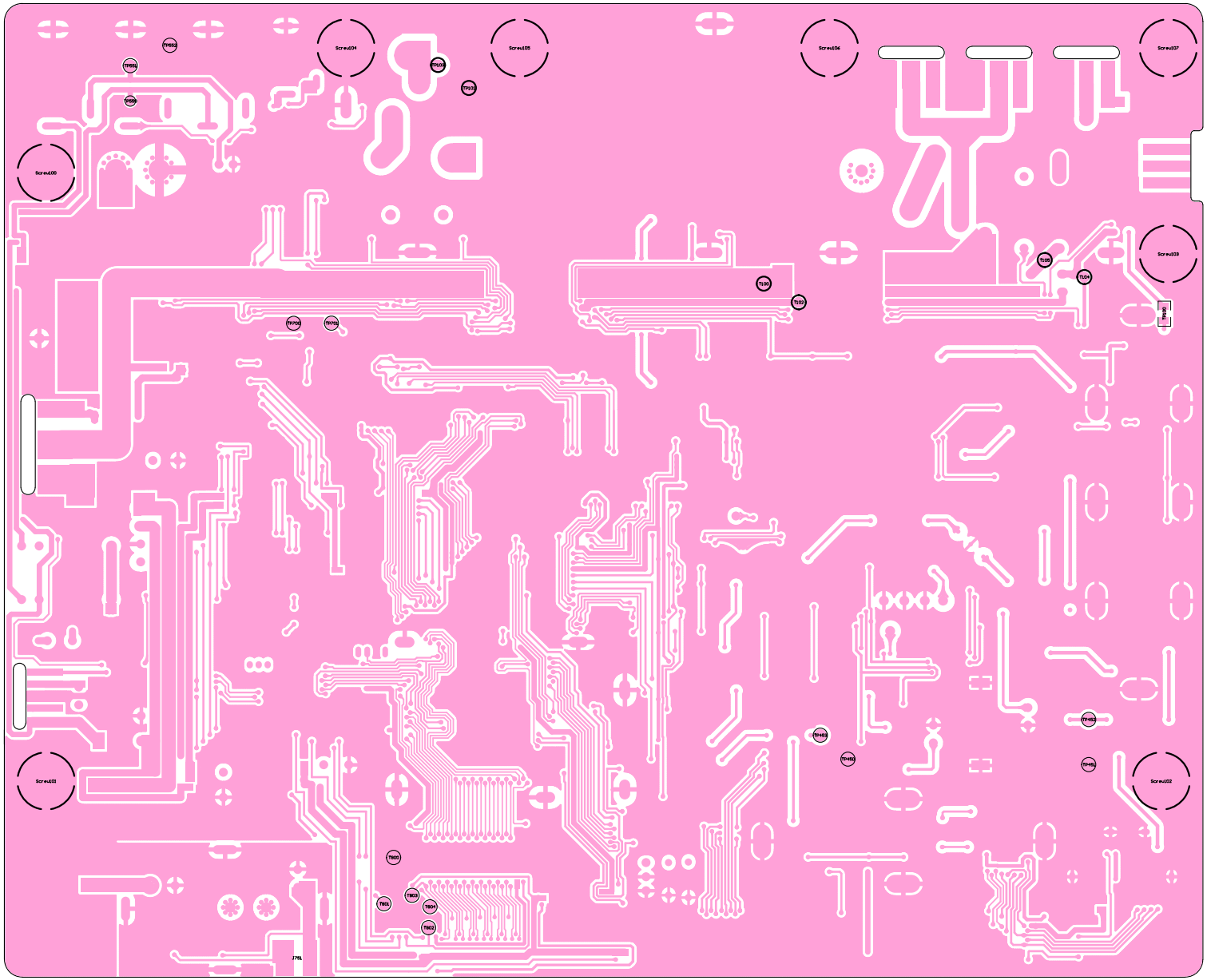

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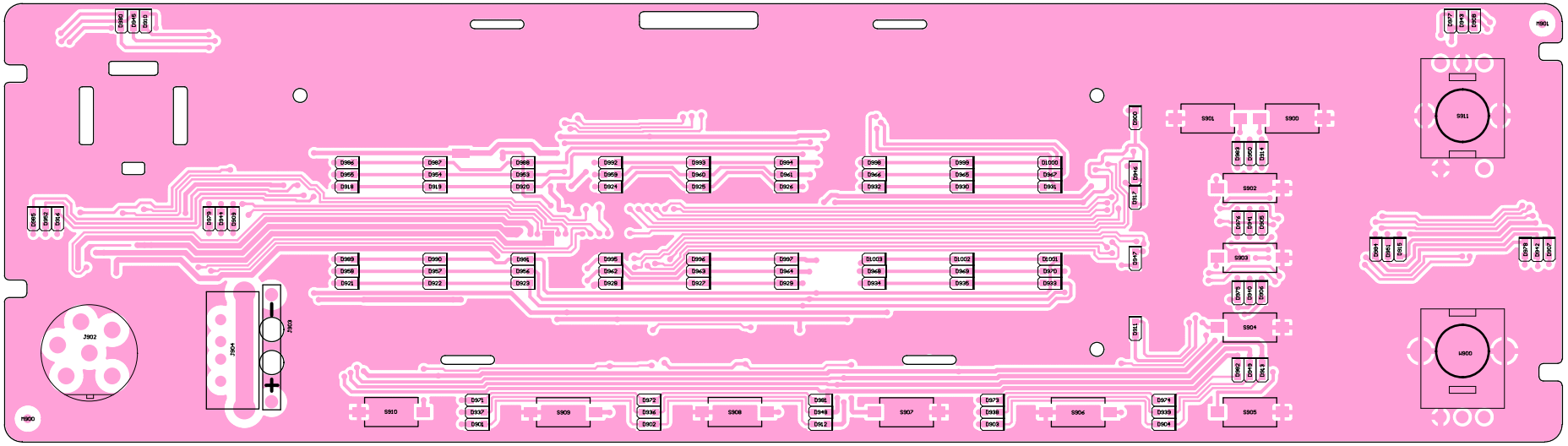

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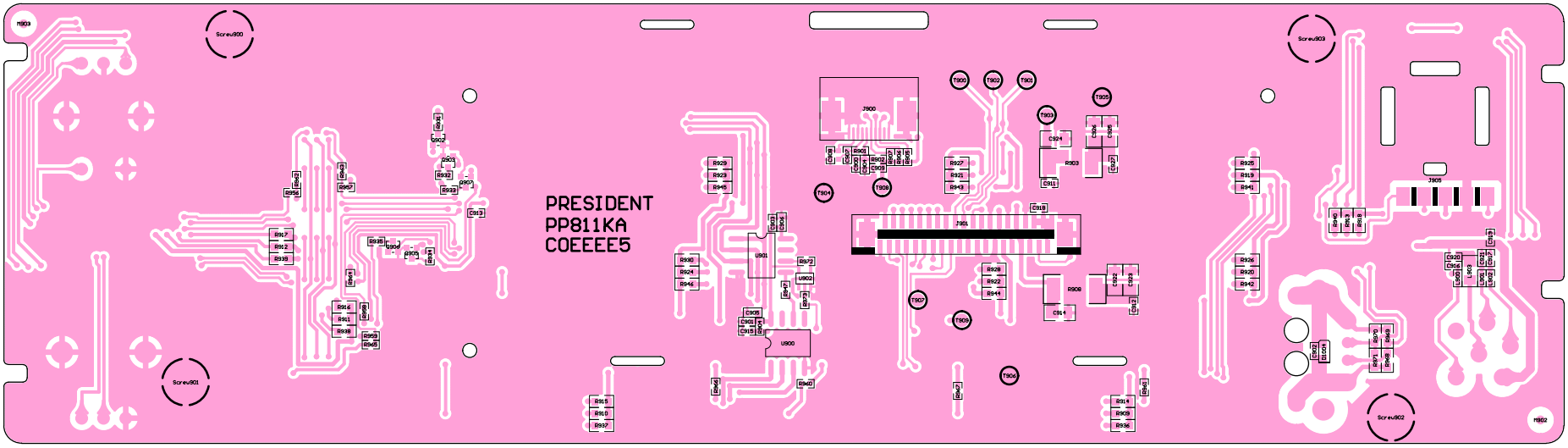

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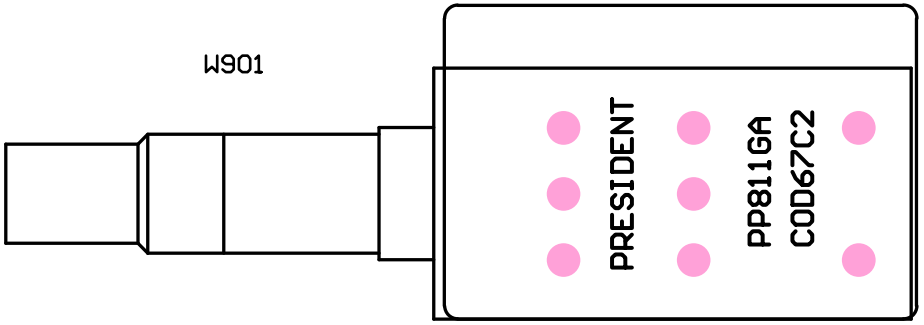

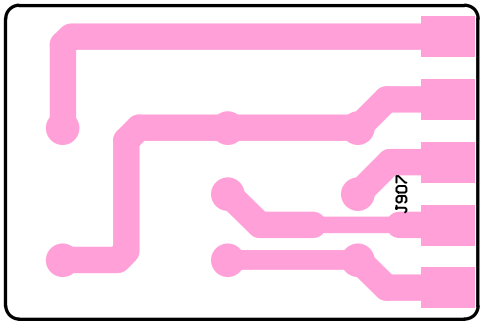

PARTS LIST

MAIN UNIT

Designators	Comment	Description	Footprint
C100	102P		S0805
C101	33P2J/J		S1206
C102	3P/C		S0805
C103	3P/C		S0805
C104	56P/J		S0805
C105	47P/J		S0805
C106	56P/G		S0402
C107	56P/G		S0402
C108	56P/G		S0402
C109	103P		S0603
C110	103P		S0603
C111	56P2J/J		S1206
C112	39P2J/J		S1206
C113	39P2J/J		S1206
C114	101P2J/J		S1206
C115	101P2J/J		S1206
C116	101P2J/J		S1206
C117	68P2J/J		S1206
C118	47P2J/J		S1206
C119	47P2J/J		S1206
C120	68P2J/J		S1206
C121	331P2J/J		S1206
C122	152P3A/J		S1206
C123	152P3A/J		S1206
C124	104P		S0603
C125	103P		S0402
C126	103P		S0402
C128	225P		S0805
C129	102P		S0805
C130	47P2J/J		S1206
C131	103P		S0805
C132	225P		S0805
C133	103P		S0603
C135	103P		S1206
C136	0R		S1206
C137	104P		S0603
C139	103P		S0603
C141	103P		S0402
C142	103P		S0402
C143	103P		S0402
C144	103P		S0402
C145	103P		S0402
C146	103P		S0402
C148	103P		S0402
C149	103P		S0402
C150	103P		S0402
C151	104P		S0603
C152	103P		S0402
C153	103P		S0603
C155	102P		S0805
C158	102P		S1206
C159	103P		S0603
C165	0R		S0603
C170	15P/J		S0402
C171	56P/G		S0402
C172	12P/G		S0402

GEORGE II

Designators	Comment	Description	Footprint
C173	331P/J		S0402
C175	33P/J		S0402
C176	68P/J		S0402
C178	391P/J		S0603
C179	181P/J		S0603
C181	104P		S1206
C185	102P/J		S0402
C186	102P/J		S0402
C187	102P/J		S0402
C188	102P/J		S0402
C189	7P/B		S0402
C190	9P/B		S0402
C191	271P/J		S0402
C192	331P/J		S0402
C194	102P/J		S0402
C195	221P/J		S0402
C196	103P		S0402
C201	152P3A/J		S1206
C203	0R		S1206
C204	471P/J		S0603
C206	104PC		S0402
C207	104PC		S0402
C208	104PC		S0402
C209	104PC		S0402
C210	104PC		S0402
C250	47P2J/J		S1206
C251	102P/J		S0402
C252	476PA/M		S1206
C253	103P		S0402
C254	103P		S0402
C255	103P		S0402
C257	103P		S0402
C258	103P		S0402
C259	103P		S0402
C260	103P		S0402
C261	103P		S0402
C262	103P		S0402
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C266	103P		S0402
C267	103P		S0402
C268	103P		S0402
C269	103P		S0402
C271	103P		S0402
C272	103P		S0402
C273	103P		S0402
C275	103P		S0402
C276	476PA/M		S1206
C277	476PA/M		S1206
C278	104PC		S0402
C279	104PC		S0402
C280	104PC		S0402
C281	103P		S0402
C282	104PC		S0402
C283	103P		S0402
C284	103P		S0402
C285	104PC		S0402
C286	103P		S0402
C287	102P/J		S0402

GEORGE II

Designators	Comment	Description	Footprint
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C289	102P/J		S0402
C290	102P/J		S0402
C291	102P/J		S0402
C292	102P/J		S0402
C295	102P/J		S0402
C296	102P/J		S0402
C297	102P/J		S0402
C298	681P/J		S0402
C299	103P		S0402
C300	27P/J		S0402
C301	103P		S0402
C302	105PC		S0402
C303	39P/G		S0402
C304	12P/G		S0402
C305	12P/G		S0402
C306	56P/G		S0402
C307	56P/G		S0402
C308	56P/G		S0402
C309	475PC		S0603
C310	475PC		S0603
C311	103P		S0402
C312	475PE		S0805
C313	3P/B		S0402
C314	4P/B		S0402
C316	7P/B		S0402
C317	7P/B		S0402
C318	221P/J		S0402
C319	104PC		S0402
C320	121P/G		S0402
C321	221P/J		S0402
C322	221P/J		S0402
C323	221P/J		S0402
C329	33P/J		S0402
C330	39P/G		S0402
C331	33P/J		S0402
C332	39P/G		S0402
C333	33P/J		S0402
C334	33P/J		S0402
C335	33P/J		S0402
C336	101P/G		S0402
C337	82P/G		S0402
C338	101P/G		S0402
C339	101P/G		S0402
C340	101P/G		S0402
C341	101P/G		S0402
C342	101P/J		S0402
C343	101P/J		S0402
C344	101P/J		S0402
C345	101P/J		S0402
C346	101P/J		S0402
C347	101P/J		S0402
C348	101P/G		S0402
C349	103P		S0402
C350	104PC		S0402
C351	104PC		S0402
C352	105PC		S0402
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C354	104PC		S0402
C355	104PC		S0402

GEORGE II

Designators	Comment	Description	Footprint
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C358	104PC		S0402
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C360	104PC		S0402
C361	104PC		S0402
C362	104PC		S0402
C363	475PA/M		S0402A
C365	222P		S0402
C366	223PC		S0402
C367	223PC		S0402
C368	223PC		S0402
C369	223PC		S0402
C371	225PA		S0402
C372	225PA		S0402
C373	103P		S0402
C374	225PA		S0402
C375	225PA		S0402
C376	471P/G		S0402
C377	471P/G		S0402
C378	471P/J		S0402
C379	121P/G		S0402
C380	103P		S0402
C381	16P/J		S0402
C382	5P/B		S0402
C383	561P/J		S0402
C384	561P/J		S0402
C385	821P/J		S0402
C386	224PC		S0402
C387	224PC		S0402
C388	224PC		S0402
C390	103P		S0402
C391	223PC		S0402
C392	472P		S0402
C393	331P/J		S0402
C394	104PC		S0402
C395	103P		S0402
C398	10R		S0402
C399	102P/J		S0402
C402	102P/J		S0402
C404	121P/G		S0402
C406	102P		S0402
C450	104PC		S0402
C451	104PC		S0402
C452	101P/G		S0402
C453	225PA		S0402
C454	225PA		S0402
C455	225PA		S0402
C456	225PA		S0402
C457	106PA/M		S0603
C458	221P/J		S0402
C459	106PA/M		S0603
C460	103P		S0402
C461	221P/J		S0402
C462	103P		S0402
C463	103P		S0402
C464	103P		S0402
C465	103P		S0402
C466	103P		S0402
C467	106PA/M		S0603

Designators	Comment	Description	Footprint
C468	103P		S0402
C469	101P/G		S0402
C470	101P/G		S0402
C472	475PA/M		S0402A
C473	471P/J		S0402
C474	102P/J		S0402
C476	22P/J		S0402
C477	101P/G		S0402
C480	47P/J		S0402
C481	47P/J		S0402
C482	103P		S0402
C483	103P		S0402
C484	12P/G		S0402
C485	221P/J		S0402
C486	102P/J		S0402
C487	102P/J		S0402
C488	102P/J		S0402
C489	103P		S0402
C491	101P/G		S0402
C492	12P/G		S0402
C493	221P/J		S0402
C494	221P/J		S0402
C495	105PC		S0402
C496	105PC		S0402
C497	12P/G		S0402
C498	103P		S0402
C499	475PA/M		S0402A
C502	106PA/M		S0603
C505	103P		S0402
C508	101P/G		S0402
C550	103P		S0402
C551	103P		S0805
C552	103P		S0402
C553	102P		S0603
C554	225PA		S0402
C555	104PC		S0402
C556	104PC		S0402
C557	105PC		S0402
C558	181P/J		S0402
C559	561P/J		S0402
C560	22P/J		S0402
C561	68P/J		S0603
C562	104PC		S0402
C563	104PC		S0402
C564	104PC		S0402
C565	104PC		S0402
C566	104PC		S0402
C567	104PC		S0402
C568	104PC		S0402
C569	104PC		S0402
C570	104PC		S0402
C571	103P		S0603
C572	222P		S0402
C573	103P		S0402
C575	226PE/K		S1206
C576	102P		S0805
C577	102P		S0603
C578	105PC		S0402
C579	105PC		S0402
C580	105PC		S0402

GEORGE II

Designators	Comment	Description	Footprint
C581	104P		S0603
C582	473PE		S0402
C583	226PE/K		S1206
C584	104P		S0805
C585	1P/B		S0603
C586	472P		S0402
C587	472P		S0402
C588	102P		S0603
C589	105PC		S0402
C590	102P		S0402
C591	102P		S0603
C592	102P		S0603
C596	103P		S0402
C622	103P		S0402
C750	103P		S0805
C751	103P		S0805
C752	104P		S0805
C753	104P		S0805
C754	103P		S0603
C755	103P		S0603
C756	106P		S1206
C757	103P		S0402
C758	226PE		S0805
C759	103P		S0402
C760	105PE		S0603
C761	103P		S0402
C762	103P		S0402
C763	103P		S0402
C764	104P		S0603
C765	103P		S0402
C766	225PA		S0402
C767	475PA/M		S0402A
C768	106PA/M		S0603
C769	106PA/M		S0603
C770	333PE		S0402
C771	102P		S0603
C772	103P		S0402
C773	105PC		S0402
C774	105PC		S0402
C775	104P		S0603
C776	104P		S0603
C777	105P		S0805
C778	106P		S1206
C779	105P		S0805
C780	105P		S0805
C781	104P		S0603
C782	106P		S1206
C783	105P		S0805
C784	102P		S0402
C785	102P		S0402
C786	106P		S1206
C787	106P		S1206
C800	104PC		S0402
C801	103P		S0402
C802	104PC		S0402
C803	475PA/M		S0402A
C804	103P		S0201
C805	475PA/M		S0402A
C806	103P		S0201
C807	104PC		S0402

Designators	Comment	Description	Footprint
C808	475PA/M		S0402A
C809	30P/J		S0402
C810	30P/J		S0402
C811	104PC		S0402
C812	221P		S0201
C813	103P		S0402
C814	103P		S0402
C815	103P		S0402
C816	103P		S0402
C818	103P		S0402
C819	103P		S0402
C820	103P		S0402
C821	475PA/M		S0402A
C822	475PA/M		S0402A
C823	222P		S0402
C824	222P		S0402
C825	222P		S0402
C827	221P		S0201
C828	222P		S0402
C829	106PA/M		S0603
C830	106PA/M		S0603
C831	106PA/M		S0603
C832	106PA/M		S0603
C833	106PA/M		S0603
C834	103P		S0201
C835	103P		S0201
C836	103P		S0201
C837	103P		S0201
C838	103P		S0201
C839	103P		S0201
C840	103P		S0201
C841	103P		S0201
C842	103P		S0201
C843	103P		S0201
C844	103P		S0201
C845	103P		S0201
C846	103P		S0201
C847	103P		S0201
C848	103P		S0201
C849	103P		S0201
C850	106PA/M		S0603
C851	221P		S0201
C853	104PC		S0402
C854	471P/J		S0402
C855	471P/J		S0402
C856	471P/J		S0402
C857	103P		S0402
C859	103P		S0402
C860	104PC		S0402
C861	103P		S0402
C862	104PC		S0402
C863	104PC		S0402
C864	104PC		S0402
C865	103P		S0402
C866	104PC		S0402
C867	105PC		S0402
C868	104PC		S0402
C869	104PC		S0402
C870	103P		S0402
C871	475PA/M		S0402A

GEORGE II

Designators	Comment	Description	Footprint
C872	103P		S0402
C873	103P		S0402
C874	471P/J		S0402
C875	12P/G		S0402
C876	12P/G		S0402
C877	102P/J		S0402
C880	103P		S0402
C882	106PC		S0805
CB250	QI-0048	10.695MHz	M10.7
CF250	QI-0052	10.695MHz	10M04DS
CF251	FCI-0006	LT455HT	K455E5
D100	DS-0139	1N728	SOD323
D101	DS-0139	1N728	SOD323
D105	LL4148		SOD80
D106	DS-0041	LL4148	SOD80
D107	DS-0082	JDV2S14E	SOD523
D108	DS-0082	JDV2S14E	SOD523
D109	DS-0082	JDV2S14E	SOD523
D111	DS-0251	LBAT54SWT1G	SOT323A
D112	DS-0251	LBAT54SWT1G	SOT323A
D250	DS-0041	LL4148	SOD80
D252	DS-0041	LL4148	SOD80
D253	DS-0036	KDS114E	SOD523
D254	DS-0036	KDS114E	SOD523
D255	DS-0037	KDS160E	SOD523
D256	DS-0037	KDS160E	SOD523
D258	DS-0037	KDS160E	SOD523
D259	DS-0037	KDS160E	SOD523
D260	DS-0037	KDS160E	SOD523
D261	DS-0082	JDV2S14E	SOD523
D262	DS-0082	JDV2S14E	SOD523
D263	DS-0082	JDV2S14E	SOD523
D264	DS-0017	BA892	SOD523
D265	DS-0017	BA892	SOD523
D266	DS-0017	BA892	SOD523
D267	DS-0017	BA892	SOD523
D268	DS-0017	BA892	SOD523
D269	DS-0017	BA892	SOD523
D270	DS-0017	BA892	SOD523
D271	DS-0017	BA892	SOD523
D272	DS-0251	LBAT54SWT1G	SOT323A
D273	DS-0251	LBAT54SWT1G	SOT323A
D274	DS-0251	LBAT54SWT1G	SOT323A
D275	DS-0281	BAT54HT1G	SOD323
D276	DS-0017	BA892	SOD523
D550	DS-0008	1SS355	SOD323
D551	1SS355		SOD323
D552	DS-0036	KDS114E	SOD523
D553	DS-0036	KDS114E	SOD523
D554	1SS355		SOD323
D555	DS-0037	KDS160E	SOD523
D750	DS-0302	SMCJ26CA	DO-214AB(SMC)-V1
D751	DS-0124	KDZ12EV	SOD523
D752	DS-0295	SMF6.0A	SMF
D753	DS-0203	SM540BF	DO-214AA(SMB)-V1
D754	DS-0280	6.2V	SOD323
D800	DS-0231	1SS400	SOD723
D801	DS-0223	DTESDBLC5V0LED02	DFN1006
D802	DS-0223	DTESDBLC5V0LED02	DFN1006
D803	DS-0224	ESDBL3V3F1	DFN1006

GEORGE II

Designators	Comment	Description	Footprint
D804	DS-0224	ESDBL3V3F1	DFN1006
D805	DS-0224	ESDBL3V3F1	DFN1006
D806	DS-0231	1SS400	SOD723
D807	DS-0224	ESDBL3V3F1	DFN1006
E100	CGJ-JCJ-0529		ANT
E550	470uF/25V		SRB0.160(8MM)
E551	470uF/25V		SRB0.160(8MM)
E552	47uF/35V		SRB0.125(6MM)
E750	1000uF/25V		SRB0.200(10MM)
E751	470uF/25V		SRB0.160(8MM)
E753	470uF/25V		SRB0.160(8MM)
E755	470uF/25V		SRB0.160(8MM)
E756	470uF/25V		SRB0.160(8MM)
E757	470uF/10V		SRB0.125(6MM)
J101	CGJ-JCJ-0048		PH2.54-1*2
J103	CGJ-JCJ-0048		PH2.54-1*2
J550	CGJ-JCJ-0035		SIP2T2
J750	TSK13.3*15*3.8X2		TSK13.3*15*3.8
J751	CON2		SIP2T2
J800	CGJ-JCJ-0514		SIPM40
J802	CGJ-JCJ-0040		CON2.0-3
JK550	CGJ-JCJ-0118		PJ-302
JK551	CGJ-JCJ-0118		PJ-302
JK800	CGJ-JCJ-0411		EJ-2503-35-GP
K550	MCM-0022		HLS6-4100H
L100	LMA-0006		AXIAL0.65(16.5MM)
L101	LWS-0009		
L102	LWS-0009		
L103	LWS-0009		
L104	LWS-0009		
L105	LWS3225-0006		LWS1210.3225.V2
L106	LWS3225-0006		LWS1210.3225.V2
L107	SWRIND		SWR(SR655)
L108	LMA-0006		AXIAL0.65(16.5MM)
L109	LMA-0009		AXIAL0.4(10MM)
L110	LAI-0134		
L111	LAI-0133		IDH1.2*6*3.5TR(2DU)
L112	LWS0805-0059		LWS0805.2012.V3
L113	LWS1210-0005		LWS1210A.3225.V1
L114	LWS1210-0005		LWS1210A.3225.V1
L115	LWS1210-0005		LWS1210A.3225.V1
L116	100nH		S0603
L117	LWS1210-0004		LWS1210A.3225.V1
L119	LAI-0102		
L120	ICS-0745		BF4-1010
L121	ICS-0745		BF4-1010
L122	LWS1008-0038		LWS1008.2520.V3
L123	JMP		
L124	LMA-0009		AXIAL0.4(10MM)
L125	LWS1008-0042		LWS1008.2520.V3
L127	102T		S0603
L250	LWS1008-0041		LWS1008.2520.V3
L251	LWS0805-0036		LWS0805.2012.V3
L252	15uH		S0603
L253	LWS1008-0038		LWS1008.2520.V3
L254	LWS1008-0038		LWS1008.2520.V3
L255	LWS1008-0038		LWS1008.2520.V3
L256	LWS0805-0036		LWS0805.2012.V3
L257	LWS1008-0038		LWS1008.2520.V3
L258	LWS1210-0005		LWS1210A.3225.V1

GEORGE II

Designators	Comment	Description	Footprint
L259	LWS1210-0005		LWS1210A.3225.V1
L260	LWS1210-0005		LWS1210A.3225.V1
L261	ICS-0744	HB617DB-5553Ts-1	BF4-1010
L262	ICS-0744	HB617DB-5553Ts-1	BF4-1010
L263	LWS3225-0006		LWS1210.3225.V2
L264	10uH		S0603
L265	10uH		S0603
L266	15uH		S0603
L267	NLV32T-471J		LWS1210.3225.V2
L268	1uH		S0603
L269	470nH		S0603
L270	8.2uH		S0603
L450	220nH		S0402
L451	220nH		S0402
L452	LWS0805-0010		LWS0805.2012.V3
L454	LWS0805-0064		LWS0805.2012.V3
L455	LWS0805-0064		LWS0805.2012.V3
L456	LWS0805-0064		LWS0805.2012.V3
L550	LMS0805-0020		S0805
L551	LMS0805-0020		S0805
L552	LMA-0006		AXIAL0.65(16.5MM)
L750	LWS0630-0002		INDUCTORS-7.8*7.0MM
L751	LWS33-0009		L7*13
L752	LMS0805-0018		S0805
L753	CBM100505U301T		S0402
L754	LMS0805-0018		S0805
L755	LWS0630-0002		INDUCTORS-7.8*7.0MM
L800	CB-LJX-0097		JMP
L801	6.8uH		S0603
L803	6.8uH		S0603
L804	LMS0402-0005		S0402
L805	LMS0402-0005		S0402
Q101	IRF520		TO-220-V-123-C
Q102	IRF520		TO-220-V-123-C
Q104	IRF520		TO-220-V-123-C
Q105	TS-0291	9018M	SOT23
Q106	TS-0291	9018M	SOT23
Q107	TS-0396	KTC3770S	SOT23
Q109	2SC2314(F)		TO126-V-ECB-V2.0
Q250	TS-0396	KTC3770S	SOT23
Q251	TS-0291	9018M	SOT23
Q252	TS-0291	9018M	SOT23
Q253	TS-0291	9018M	SOT23
Q254	TS-0291	9018M	SOT23
Q255	TS-0291	9018M	SOT23
Q256	TS-0291	9018M	SOT23
Q257	TS-0291	9018M	SOT23
Q258	TS-0291	9018M	SOT23
Q259	TS-0217	MMBTSC2714Y	SOT23
Q260	TS-0142	RT1N141U	EMT3
Q261	TS-0431	LMBT3906WT1G	SOT23
Q262	TS-0142	RT1N141U	EMT3
Q263	TS-0142	RT1N141U	EMT3
Q264	TS-0142	RT1N141U	EMT3
Q265	TS-0217	MMBTSC2714Y	SOT23
Q266	TS-0217	MMBTSC2714Y	SOT23
Q267	TS-0217	MMBTSC2714Y	SOT23
Q268	TS-0226	KTC3875S	SOT23
Q269	TS-0226	KTC3875S	SOT23
Q270	TS-0482	RE1C001UN	EMT3

Designators	Comment	Description	Footprint
Q271	TS-0142	RT1N141U	EMT3
Q272	TS-0142	RT1N141U	EMT3
Q450	TS-0291	9018M	SOT23
Q451	TS-0291	9018M	SOT23
Q452	TS-0142	RT1N141U	EMT3
Q453	TS-0142	RT1N141U	EMT3
Q550	TS-0142	RT1N141U	EMT3
Q551	TS-0009	2SB1132	SOT89
Q552	TIP36C		TO-247(3P)-B-V2.0
Q553	TS-0230	L2SD1781KRLT1G	SOT23
Q554	TS-0230	L2SD1781KRLT1G	SOT23
Q555	TS-0431	LMBT3906WT1G	SOT23
Q556	TS-0291	9018M	SOT23
Q557	2SC2712(GR)		SOT23
Q558	TS-0017	2SC2712(GR)	SOT23
Q559	TS-0174	LSK3019FP8TL	EMT3-123
Q560	TS-0142	RT1N141U	EMT3
Q561	TS-0142	RT1N141U	EMT3
Q562	TS-0197	DTC114YKAT146	SOT23
Q750	UMC5N		SOT353
Q751	2SB1132		SOT89
Q752	2SB1132		SOT89
Q753	TS-0142	RT1N141U	EMT3
Q754	TS-0142	RT1N141U	EMT3
Q755	UMC5N		SOT353
Q756	UMC5N		SOT353
Q757	UMC5N		SOT353
Q758	ICS-0802	NCE40P70K	TO-252-2L
Q759	TS-0089	DTA143EE	EMT3
Q800	TS-0142	RT1N141U	EMT3
Q801	TS-0142	RT1N141U	EMT3
Q804	TS-0142	RT1N141U	EMT3
Q805	TS-0142	RT1N141U	EMT3
R100	10K		S2010
R101	4R7		S0805
R102	27R		S1206
R103	33R		S1206
R105	R33		S2010
R106	R33		S2010
R108	10K		S0402
R109	330R		S0603
R110	330R		S0805
R111	10K		S0402
R112	10K		S0402
R113	150R		S1206
R114	2K2		S0402
R115	1K		S0402
R116	1K		S0402
R118	10K		S1206
R121	1K5		S0603
R122	1K5		S0603
R125	68K		S0402
R126	22R		S0402
R127	22R		S0402
R128	10R		S0402
R129	220R		S0402
R130	4R7		S0805
R131	2K2		S0402
R132	3K9		S0603
R133	470R		S0402

GEORGE II

Designators	Comment	Description	Footprint
R134	470R		S0402
R135	10R		S0402
R136	10R		S0805
R137	10R		S0805
R143	100R		S0402
R145	47K		S0402
R146	47K		S0402
R147	47K		S0402
R148	12K		S0402
R149	0R		S0402
R150	22R		S0402
R151	270R		S0402
R152	47K		S0402
R153	270R		S0402
R154	10K		S0402
R156	3K9		S1206
R159	1K5		S1206
R160	10K		S0402
R161	10K		S0603
R164	10K		S0603
R166	10K		S0402
R167	10K		S0402
R168	10K		S0402
R169	100R		S0402
R170	100R		S0402
R171	100R		S0402
R172	100R		S0402
R173	100K		S0402
R174	100K		S0402
R175	100K		S0402
R176	100K		S0402
R177	18K		S0402
R178	18K		S0402
R179	18K		S0402
R180	18K		S0402
R250	220R		S1206
R251	2K2		S0402
R252	470R		S0402
R253	330R		S0402
R254	2K2		S0603
R255	4K7		S0402
R256	2K2		S0402
R257	1K		S0402
R258	220R		S0402
R259	100R		S0603
R260	560R		S0603
R261	4K7		S0402
R262	4K7		S0402
R263	270R		S0603
R264	4K7		S0402
R265	0R		S0402
R266	4K7		S0402
R267	4K7		S0402
R268	4K7		S0402
R269	2K2		S0402
R271	330R		S0603
R272	470R		S0402
R273	470R		S0402
R274	220R		S0402
R275	470R		S0402

GEORGE II

Designators	Comment	Description	Footprint
R276	470R		S0402
R277	470R		S0402
R278	15K		S0402
R279	15K		S0402
R280	470R		S0402
R281	470R		S0402
R282	680R		S0402
R283	0R		S0402
R284	10R		S0402
R285	220R		S0402
R286	220R		S0402
R287	0R		S0402
R288	220R		S0402
R289	220R		S0402
R290	220R		S0402
R291	47K		S0402
R292	47K		S0402
R293	47K		S0402
R294	100K		S0402
R295	100K/F		S0402
R296	100K		S0402
R297	100K		S0402
R298	100K		S0402
R299	100K		S0402
R300	100K		S0402
R301	2K2		S0402
R302	102P/J		S0402
R304	22R		S0402
R305	10R		S0402
R306	470K		S0402
R307	470K		S0402
R308	470K		S0402
R309	470K		S0402
R310	470K		S0402
R311	4R7		S0402
R312	4R7		S0402
R316	22K		S0402
R318	1K		S0402
R319	1K		S0402
R320	1K		S0402
R321	1K		S0402
R322	1K		S0402
R323	1K		S0402
R324	1K		S0402
R325	1K		S0402
R326	1K5/F		S0402
R327	220R		S0603
R328	33K		S0402
R329	33K		S0402
R330	33K		S0402
R331	33K		S0402
R332	33K		S0402
R333	22R		S0402
R334	22R		S0402
R335	10K		S0402
R336	10K		S0402
R337	10K		S0402
R338	10K		S0402
R339	10K		S0402
R340	10K		S0402

GEORGE II

Designators	Comment	Description	Footprint
R341	10K		S0402
R342	10K		S0402
R343	10K		S0402
R344	10K		S0402
R345	10K		S0402
R346	10K		S0402
R347	10K		S0402
R348	2K2		S0402
R349	2K2		S0402
R350	2K2		S0402
R351	2K2		S0402
R352	2K2		S0402
R353	0R		S0402
R354	102P/J		S0402
R355	470R		S0402
R357	1K5		S0402
R358	1K5		S0402
R359	2K2		S0402
R360	1M/F		S0402
R361	22R		S0402
R362	3K3		S0402
R363	3K3/F		S0402
R364	390R		S0402
R366	33K		S0402
R367	22K/F		S0402
R368	47K		S0402
R369	47K		S0402
R370	47K		S0402
R371	100K		S0402
R372	47K		S0402
R373	47K		S0402
R374	680R/F		S0402
R375	270K/F		S0402
R376	39K		S0402
R377	330K		S0402
R378	68K		S0402
R379	68K		S0402
R380	120K		S0402
R381	220K		S0402
R382	330R		S0402
R383	82K		S0402
R384	10K		S0402
R385	RTS-0023		S0402
R386	100R		S0402
R387	10K		S0402
R388	18K		S0402
R389	100K		S0402
R390	100R		S0402
R391	68K		S0402
R392	270R		S0603
R450	1K		S0402
R451	1K		S0402
R452	1K		S0402
R453	1K		S0402
R454	1K		S0402
R455	1K		S0402
R456	330R		S0402
R457	1K		S0402
R458	1K		S0402
R459	1K		S0402

GEORGE II

Designators	Comment	Description	Footprint
R460	1K		S0402
R461	3K3		S0402
R462	1K		S0402
R463	2K2		S0402
R464	1K		S0402
R465	330K		S0402
R466	100R		S0402
R467	10R		S0402
R468	1K		S0402
R469	470R		S0402
R470	47K		S0402
R473	100K		S0402
R474	220K		S0402
R475	56R		S0402
R476	4K7		S0402
R477	100R		S0402
R478	3K9		S0402
R479	0R		S0402
R480	2K2		S0402
R481	10K		S0402
R550	330R		S0402
R551	330R		S0402
R552	8K2		S0402
R553	18K		S0402
R554	330R		S0402
R555	8K2		S0402
R556	56K/F		S0402
R557	20K		S0402
R558	10K		S0402
R559	10K		S0402
R560	4K7		S0402
R561	10K		S0402
R562	10K		S0402
R563	56K		S0402
R564	47K		S0402
R565	10K		S0402
R566	2K2		S0402
R567	10K		S0603
R568	33K		S0402
R569	10K		S0402
R570	100K		S0402
R571	100K		S0402
R572	100K		S0402
R573	22K		S0402
R574	10K		S0402
R575	100R		S2010
R576	100K		S0402
R577	1K		S0402
R578	1K		S0402
R579	1K		S0402
R580	1K		S0402
R581	330K		S0402
R583	220K		S0402
R584	220K		S0402
R585	220K		S0402
R586	4K7		S0402
R587	4K7		S0402
R588	15K		S0402
R589	1K		S0402
R590	4K7		S0402

GEORGE II

Designators	Comment	Description	Footprint
R591	2K2		S0402
R592	10K		S0402
R593	3K9		S0402
R594	3K3		S0402
R595	3K3		S0603
R596	5K6		S0402
R597	22K		S0402
R598	22K		S0402
R599	0R		S0402
R600	5K6		S0402
R601	220R/F		S1206
R602	6R8/F		S1206
R603	2K2/F		S0603
R604	4K7		S0402
R605	470R		S0402
R606	470R		S0603
R607	470R/F		S1206
R608	470R/F		S1206
R609	0R		S0402
R610	0R		S0603
R611	1M/F		S0402
R612	47K		S0402
R613	6K8		S0603
R614	5K6/F		S0603
R615	1K5		S0603
R616	680R		S0603
R617	56R		S0805
R618	2R2		S0805
R619	51R		S0805
R620	20K		S0603
R621	20K		S0402
R622	20K		S0603
R623	10K		S0402
R626	6K8		S0603
R750	10K		S0603
R751	1K5		S0603
R752	10K		S0603
R753	2K2		S0603
R754	10K		S0402
R755	10K		S0402
R756	0.091R/F		S1206
R757	0.091R/F		S1206
R758	10KF		S0402
R759	3K3/F		S0402
R760	22K		S0603
R761	220K		S0603
R762	10K		S0603
R763	2K2		S0402
R764	10R		S0603
R800	10K		S0402
R801	10K		S0402
R802	3K3		S0402
R804	10K		S0402
R805	1K		S0402
R806	10K		S0402
R807	1K		S0402
R808	1K		S0402
R809	220R		S0402
R810	1K		S0402
R811	220R		S0402

GEORGE II

Designators	Comment	Description	Footprint
R812	10K		S0402
R813	30K(F)		S0402
R814	150K/F		S0402
R815	68K		S0402
R817	150K/F		S0402
R818	22K		S0402
R819	47K		S0402
R820	220R		S0402
R821	1K		S0402
R822	10K		S0402
R823	3K3		S0402
R824	10K		S0402
R825	1K		S0201
R826	1K		S0201
R827	1K		S0201
R828	1K		S0201
R829	1K		S0201
R830	1K		S0402
R831	1K		S0201
R832	1K		S0201
R833	1K		S0201
R834	1K		S0201
R835	1K		S0201
R836	1K		S0201
R837	1K		S0201
R838	220R		S0201
R839	220R		S0201
R840	220R		S0201
R841	1K		S0201
R842	100R		S0402
R843	4K7		S0402
R844	4K7		S0402
R845	10K		S0402
R846	1K		S0201
R848	1K		S0201
R849	1K		S0201
R850	220R		S0201
R851	220R		S0402
R852	1K		S0201
R853	220R		S0402
R854	47K		S0402
R855	22K		S0402
R856	22K		S0402
R857	2K2		S0402
R858	2K2		S0402
R859	10K		S0402
R860	10K		S0402
R863	100R		S0402
R864	100R		S0402
R867	56K		S0402
R868	10K		S0402
R869	10K		S0402
R870	4K7		S0402
R871	56K		S0402
R872	10K		S0402
R873	10K		S0402
R874	4K7		S0402
R875	15K		S0402
R876	15K		S0402
R877	10K		S0402

Designators	Comment	Description	Footprint
R878	220R		S0402
R879	1K		S0402
R880	1M/F		S0402
R881	LMS0603-0011		S0603
R885	1K		S0402
R886	1K		S0402
R887	1K		S0402
R888	10K		S0402
R891	22K/F		S0201
R892	22K/F		S0201
R893	22K/F		S0201
R895	22K/F		S0201
R898	22K/F		S0201
R899	22K/F		S0201
R900	22K/F		S0201
R902	22K/F		S0201
R912	220R		S0402
Shield100	CB-PBJ-0097		CB-PBJ-0097
Shield101	CB-PBJ-0106		CB-PBJ-0106
Shield102	CB-PBJ-0107		CB-PBJ-0107
Shield450	CB-PBJ-0058		CB-PBJ-0058
Shield451	CB-PBJ-0098		CB-PBJ-0098
Shield750	CB-PBJ-0090		CB-PBJ-0090
Shield800	CB-PBJ-0108		CB-PBJ-0108
U100	ICS-0736	LM2902	SSOP14
U250	ICS-0733	LM2904	ICS-TSSOP-8
U251	ICS-0904	MD57E33QC3	SOT25
U252	ICS-0852	DHF445	SSOP16
U253	TS-0461	LM321A	SOT25
U450	ICS-0618	QA8558	QFN4X4-20E
U451	ICS-0618	QA8558	QFN4X4-20E
U452	NJM2594M		DMP8
U453	ICS-0904	MD57E33QC3	SOT25
U454	ICS-0904	MD57E33QC3	SOT25
U500	ICS-0904	MD57E33QC3	SOT25
U550	UTC-M62364		SSOP24
U551	ICS-0733	LM2904	ICS-TSSOP-8
U552	ICS-0736	LM2902	SSOP14
U553	ICI-0019	TDA2003	TO-220-5H-V1
U750	ICS-0884	CJ7808	DPAK-3
U751	ICS-0815	78D05AL	DPAK-3
U752	ICS-0904	MD57E33QC3	SOT25
U753	ICS-0904	MD57E33QC3	SOT25
U754	ICS-0842	XL4301	SOP8-E
U756	ICI-0060	278R15L	TO-220IS-4
U800	HC32F196MCTA-LQFP80		LQFP80
U802	QA8560		LQFP7X7-48
U803	TS-0472	SGM803B	SOT23-123
U806	ICS-0733	LM2904	ICS-TSSOP-8
U808	ICS-0816	FM24C256	SOP8
X450	QSSMD-0064	26MHz	TCXO-2520
X451	QSSMD-0064	26MHz	TCXO-2520
Y250	FDI-0001	455C24	K450V2
Y251	QSSMD-0059	10.24MHz	XTAL_SMD5032
Y800	QTSSMD-0079	19.2MHz	TCXO-3225
Y801	QTSSMD-0049	12MHz	TCXO-3225
LCD UNIT			
Designators	**Comment**	**Description**	**Footprint**
C900	103P		S0402

GEORGE II

Designators	Comment	Description	Footprint
C901	103P		S0402
C902	103P		S0402
C903	103P		S0402
C904	475PA/M		S0402A
C905	475PA/M		S0402A
C906	475PA/M		S0402A
C907	104PC		S0402
C908	105PC		S0402
C909	103P		S0402
C911	103P		S0402
C912	103P		S0402
C913	103P		S0402
C914	226PE		S0805
C915	103P		S0402
C916	102P		S0402
C917	102P		S0402
C918	103P		S0402
C919	103P		S0402
C920	103P		S0402
C921	102P		S0402
C922	226PE		S0805
C923	226PE		S0805
C924	226PE		S0805
C925	226PE		S0805
C926	226PE		S0805
C927	103P		S0402
D900	DLS0603-0008	RED	SD0603(LED)
D901	DLS0603-0003	ORANGE	SD0603(LED)
D902	DLS0603-0003	ORANGE	SD0603(LED)
D903	DLS0603-0003	ORANGE	SD0603(LED)
D904	DLS0603-0003	ORANGE	SD0603(LED)
D905	DLS0603-0003	ORANGE	SD0603(LED)
D906	DLS0603-0003	ORANGE	SD0603(LED)
D907	DLS0603-0003	ORANGE	SD0603(LED)
D908	DLS0603-0003	ORANGE	SD0603(LED)
D909	DLS0603-0003	ORANGE	SD0603(LED)
D910	DLS0603-0003	ORANGE	SD0603(LED)
D911	DLS0603-0008	RED	SD0603(LED)
D912	DLS0603-0003	ORANGE	SD0603(LED)
D913	DLS0603-0003	ORANGE	SD0603(LED)
D914	DLS0603-0003	ORANGE	SD0603(LED)
D915	DLS0603-0003	ORANGE	SD0603(LED)
D916	DLS0603-0003	ORANGE	SD0603(LED)
D917	DLS0603-0007	GREEN	SD0603(LED)
D918	DLS0603-0003	ORANGE	SD0603(LED)
D919	DLS0603-0003	ORANGE	SD0603(LED)
D920	DLS0603-0003	ORANGE	SD0603(LED)
D921	DLS0603-0003	ORANGE	SD0603(LED)
D922	DLS0603-0003	ORANGE	SD0603(LED)
D923	DLS0603-0003	ORANGE	SD0603(LED)
D924	DLS0603-0003	ORANGE	SD0603(LED)
D925	DLS0603-0003	ORANGE	SD0603(LED)
D926	DLS0603-0003	ORANGE	SD0603(LED)
D927	DLS0603-0003	ORANGE	SD0603(LED)
D928	DLS0603-0003	ORANGE	SD0603(LED)
D929	DLS0603-0003	ORANGE	SD0603(LED)
D930	DLS0603-0003	ORANGE	SD0603(LED)
D931	DLS0603-0003	ORANGE	SD0603(LED)
D932	DLS0603-0003	ORANGE	SD0603(LED)
D933	DLS0603-0003	ORANGE	SD0603(LED)

Designators	Comment	Description	Footprint
D934	DLS0603-0003	ORANGE	SD0603(LED)
D935	DLS0603-0003	ORANGE	SD0603(LED)
D936	DLS0603-0007	GREEN	SD0603(LED)
D937	DLS0603-0007	GREEN	SD0603(LED)
D938	DLS0603-0007	GREEN	SD0603(LED)
D939	DLS0603-0007	GREEN	SD0603(LED)
D940	DLS0603-0007	GREEN	SD0603(LED)
D941	DLS0603-0007	GREEN	SD0603(LED)
D942	DLS0603-0007	GREEN	SD0603(LED)
D943	DLS0603-0007	GREEN	SD0603(LED)
D944	DLS0603-0007	GREEN	SD0603(LED)
D945	DLS0603-0007	GREEN	SD0603(LED)
D946	DLS0603-0008	RED	SD0603(LED)
D947	DLS0603-0008	RED	SD0603(LED)
D948	DLS0603-0007	GREEN	SD0603(LED)
D949	DLS0603-0007	GREEN	SD0603(LED)
D950	DLS0603-0007	GREEN	SD0603(LED)
D951	DLS0603-0007	GREEN	SD0603(LED)
D952	DLS0603-0007	GREEN	SD0603(LED)
D953	DLS0603-0007	GREEN	SD0603(LED)
D954	DLS0603-0007	GREEN	SD0603(LED)
D955	DLS0603-0007	GREEN	SD0603(LED)
D956	DLS0603-0007	GREEN	SD0603(LED)
D957	DLS0603-0007	GREEN	SD0603(LED)
D958	DLS0603-0007	GREEN	SD0603(LED)
D959	DLS0603-0007	GREEN	SD0603(LED)
D960	DLS0603-0007	GREEN	SD0603(LED)
D961	DLS0603-0007	GREEN	SD0603(LED)
D962	DLS0603-0007	GREEN	SD0603(LED)
D963	DLS0603-0007	GREEN	SD0603(LED)
D964	DLS0603-0007	GREEN	SD0603(LED)
D965	DLS0603-0007	GREEN	SD0603(LED)
D966	DLS0603-0007	GREEN	SD0603(LED)
D967	DLS0603-0007	GREEN	SD0603(LED)
D968	DLS0603-0007	GREEN	SD0603(LED)
D969	DLS0603-0007	GREEN	SD0603(LED)
D970	DLS0603-0007	GREEN	SD0603(LED)
D971	DLS0603-0010	BLUE	SD0603(LED)
D972	DLS0603-0010	BLUE	SD0603(LED)
D973	DLS0603-0010	BLUE	SD0603(LED)
D974	DLS0603-0010	BLUE	SD0603(LED)
D975	DLS0603-0010	BLUE	SD0603(LED)
D976	DLS0603-0010	BLUE	SD0603(LED)
D977	DLS0603-0010	BLUE	SD0603(LED)
D978	DLS0603-0010	BLUE	SD0603(LED)
D979	DLS0603-0010	BLUE	SD0603(LED)
D980	DLS0603-0010	BLUE	SD0603(LED)
D981	DLS0603-0010	BLUE	SD0603(LED)
D982	DLS0603-0010	BLUE	SD0603(LED)
D983	DLS0603-0010	BLUE	SD0603(LED)
D984	DLS0603-0010	BLUE	SD0603(LED)
D985	DLS0603-0010	BLUE	SD0603(LED)
D986	DLS0603-0010	BLUE	SD0603(LED)
D987	DLS0603-0010	BLUE	SD0603(LED)
D988	DLS0603-0010	BLUE	SD0603(LED)
D989	DLS0603-0010	BLUE	SD0603(LED)
D990	DLS0603-0010	BLUE	SD0603(LED)
D991	DLS0603-0010	BLUE	SD0603(LED)
D992	DLS0603-0010	BLUE	SD0603(LED)

GEORGE II

Designators	Comment	Description	Footprint
D993	DLS0603-0010	BLUE	SD0603(LED)
D994	DLS0603-0010	BLUE	SD0603(LED)
D995	DLS0603-0010	BLUE	SD0603(LED)
D996	DLS0603-0010	BLUE	SD0603(LED)
D997	DLS0603-0010	BLUE	SD0603(LED)
D998	DLS0603-0010	BLUE	SD0603(LED)
D999	DLS0603-0010	BLUE	SD0603(LED)
D1000	DLS0603-0010	BLUE	SD0603(LED)
D1001	DLS0603-0010	BLUE	SD0603(LED)
D1002	DLS0603-0010	BLUE	SD0603(LED)
D1003	DLS0603-0010	BLUE	SD0603(LED)
D1004	DS-0154	CESDBLC5V0D5	SOD523
J900	CGJ-JCJ-0183		SSOI10F
J901	CGJ-JCJ-0514		SIPM40
J902	CB-HKCZ-0001		QFM16-6F2
J903	CB-LJX-0132 CB-LJX-0133		SIP2T2
J904	CGJ-JCJ-0467		CGJ-JCJ-USB180
J905	GEORGE-POT		CON5
L900	LMS0402-0002		S0402
L901	LMS0402-0002		S0402
L902	LMS0402-0002		S0402
L903	LMS0805-0018		S0805
Q902	RT1N141U		EMT3
Q903	RT1N141U		EMT3
Q905	RT1N141U		EMT3
Q906	RT1N141U		EMT3
Q907	RT1N141U		EMT3
R901	10K		S0402
R902	10R		S0402
R903	10R		S2010
R904	10R		S0402
R905	10K		S0402
R906	10K		S0402
R907	10K		S0402
R908	10R		S2010
R909	10R		S0603
R910	10R		S0603
R911	10R		S0603
R912	10R		S0603
R913	10R		S0603
R914	10R		S0603
R915	10R		S0603
R916	10R		S0603
R917	10R		S0603
R918	10R		S0603
R919	10R		S0603
R920	10R		S0603
R921	10R		S0603
R922	10R		S0603
R923	10R		S0603
R924	10R		S0603
R925	10R		S0603
R926	10R		S0603
R927	10R		S0603
R928	10R		S0603
R929	10R		S0603
R930	10R		S0603
R931	2K2		S0402
R932	2K2		S0402
R933	2K2		S0402

Designators	Comment	Description	Footprint
R934	2K2		S0402
R935	2K2		S0402
R936	470R		S0603
R937	470R		S0603
R938	470R		S0603
R939	470R		S0603
R940	470R		S0603
R941	470R		S0603
R942	470R		S0603
R943	470R		S0603
R944	470R		S0603
R945	470R		S0603
R946	470R		S0603
R947	100R		S0402
R956	27K/F		S0402
R957	27K/F		S0402
R958	27K/F		S0402
R959	27K/F		S0402
R960	27K/F		S0402
R961	27K/F		S0402
R962	68K/F		S0402
R963	68K/F		S0402
R964	68K/F		S0402
R965	68K/F		S0402
R966	68K/F		S0402
R967	68K/F		S0402
R968	75K/F		S0603
R969	49.9K/F		S0603
R970	49.9K/F		S0603
R971	43.2K/F		S0603
R972	220R		S0402
R973	100R		S0402
S900	CGJ-QCKG-0032		K2-1101ST-L8
S901	CGJ-QCKG-0032		K2-1101ST-L8
S902	CGJ-QCKG-0032		K2-1101ST-L8
S903	CGJ-QCKG-0032		K2-1101ST-L8
S904	CGJ-QCKG-0032		K2-1101ST-L8
S905	CGJ-QCKG-0032		K2-1101ST-L8
S906	CGJ-QCKG-0032		K2-1101ST-L8
S907	CGJ-QCKG-0032		K2-1101ST-L8
S908	CGJ-QCKG-0032		K2-1101ST-L8
S909	CGJ-QCKG-0032		K2-1101ST-L8
S910	CGJ-QCKG-0032		K2-1101ST-L8
S911	CGJ-BMKG-0009		SW-R11NP-V1.0
U900	TM1829		SOP8
U901	TM1829		SOP8
U902	ICS-0937	U74LV1T34G	SOT353
W900	CGJ-YLKG-0055		R095X2NO(1)

VR UNIT

Designators	Comment	Description	Footprint
J907	SQPCB		CON5
W901	CGJ-QTKG-0054		R09448GS