

REPLACEMENT PARTS

BEFORE REPLACING PARTS, READ THE FOLLOWING:

Approved Substitute Stock Numbers - Before ordering stock numbers in the part list, look for an approved substitute stock number in the current Price Schedule. This will minimize your service time and avoid ordering parts you already have in stock.

PRODUCT SAFETY NOTE: Components marked with a critical safety symbol have special characteristics important to safety. Before replacing any of these components, carefully read the PRODUCT SAFETY NOTICE in the basic service data. Do not degrade the safety of the set through improper servicing. Although assemblies as a whole may not be marked with a critical safety symbol, replacement of assemblies with other assemblies not approved may result

 Critical Safety Symbol

● Not Eligible For Warranty

Warranty Status of Assemblies and Parts - All assemblies and components shown in this part list are eligible for warranty exchange or replacement except those with a dot shown to the left of the Description. Assemblies and components with a dot to the left of the Description are NOT eligible for warranty exchange or replacement.

Warranty replacement of cabinet parts requires the approval of a Thomson Consumer Electronics Field Service Manager.

Warranty Status and Specifications of assemblies and components are subject to change without notice. Consult the TCE Parts Pricing Microfiche for the latest warranty status information.

@NOTE: When ordering components that are listed more than once in this part list, always adhere to the serial number application guidelines given in the description column. If a serial number application guideline is not given, always select the component with a value, rating, other specification or identification marking(s) that match those of the corresponding component in the instrument you are servicing.

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
RTD205C			
CD NE05			
001	269542	55992640	■ CD ASSEMBLY COMPLETE NEO507
0010	271280	5601902B	AC MSA ASY (DM3451- A+T56019010
0013	271269	5590601A	FFC-JUMPER 24X 0.5MM 210MM D T
0014	269190	5596078A	WIRECONASY UNIQUE 6 230MM UL1061 28 12 R=Y
0020	271287	56047360	■ AC EMBD IMA NEO597 BD R=Y
0030	268988	55947310	AC MLD CAM LEFT(PP) B01 NEO5 B
0040	268989	55947320	AC MLD CAM RIGHT(PP) B02 NEO5
0050	271268	5586755A	■ AC DRAWER-COVER B03 SECC-ZU NE
0060	262255	5554983A	TRAY LOCK BRACKET
0070	267335	5554984B	DRAWER(ABS) B05 NEO5 BK PLA
0081	269575	56017910	TRAY NEO5
0082	269576	56017920	TRAY NEO5
0083	269577	56017930	TRAY 3 NEO5
0084	269578	56017940	TRAY 4 NEO5
0085	269579	56017950	TRAY 5 NEO5
0100	262280	5554987A	■ WING LEFT
0110	262281	5554988A	■ WING RIGHT
0120	262282	5554989A	■ WING-TOP

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
0130	267336	5554990B	DISC GUARD BAR(POM) B11
0140	262284	5554991A	TRAY LOCK
0150	262285	5554992A	■ WING CAM DRIVER L
0160	262286	5554993A	WING CAM DRIVER R
0170	262287	5554994A	LOCK CAM SLIDER RIGHT
0180	262288	5554995A	LOCK RIGHT
0190	262289	5554996A	WING C DRIVER L
0200	262290	5554997A	WING C DRIVER R
0210	262291	5554998A	WING LOCK
0230	269530	55990150	ADAPTER_HOOK NEO5
0240	269529	55990140	BRACKET ELEVATOR NEO5
0250	269531	55990160	CAM_SLIDER NEO5
0260	269532	55990170	CD_BRACKET NEO5
0270	271276	5598716A	■ AC METAL COVER MAGNETIC ARM NE
0280	269535	55990200	RACK INNER HOOK
0290	268981	55947240	■ AC MLD COVER _RACK_OUTER C23 N
0300	269533	55990180	■ PIVOT NEO5 PLASTIC
0310	268991	55947340	AC MLD GEAR _HOOK C25 NEO5 NAT
0320	269534	55990190	HOOK NEO5 PLASTIC
0330	262302	5555011A	■ PUSHER
0340	262303	5555023A	GEAR ROD HOOK
0360	271277	5598717A	AC SENSOR HOLDER NEO507 NAT ME
0380	262305	5555015A	DRAWER RELAY TRIGGER
0390	262306	5555024A	■ GEAR DRAWER MAIN
0400	268992	55947360	AC MLD GEAR DRAWER_STEP A33 NE

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
0410	268993	55947370	AC MLD GEAR GEAR HOOK_MAIN A35
0420	268998	55947430	AC MLD GEAR PICKUP_STEP A36 NE
0430	268994	55947380	AC MLD PICKUP_UPDOWN_CAM_PINI O
0440	262311	5555017A	■ PICKUP CHUCKING LEVER
0450	268982	55947250	AC MLD HOLDER FRAME A39 NEO5-C
0460	268996	55947410	AC MLD GEAR_PULLEY A40 NEO5 NA
0490	262316	5555020A	■ HOOK CAM BAR LEVER
0500	271016	55974960	GEAR_HOOK_STEP A44 NEO5 NAT-C
0515	268997	55947420	AC MLD GEAR PULLEY RELAY A59 N
0516	268999	55947450	AC MLD GEAR RELAY STEP A60 NEO
0520	269536	55990210	■ BASE NEO5 PLASTIC
0700	262322	5555091A	■ SPRING HOOK
0730	262325	5555104B	■ SPRING DRIVER
0740	262326	5555105B	■ SPRING DRIVER R
0750	262327	5555106A	■ SPRING DISC GUARD
0760	262328	5555107A	■ SPRING TRAY LOCK IND PLATE
0770	262329	5512775A	■ SPRING ROD HOOK LATCH
0791	262331	55761430	■ SPRING TRIGGER
0820	263080	55814480	PIN ELEVATOR STEEL
0920	271017	56040120	△ BELT HOOK SIZE 26.8X1.5X1.5 BK
0940	271018	56040110	△ BELT PICKUP SIZE 36.4X1.4X1.4
0970	262336	55798470	■ PAD PUSHER RUBBER
0980	265997	55855220	■ SCREW 16MM
1010	268952	20349380	■ SCREW-ST 3MM 08MM JIS B 1122 5
1031	268976	5555197A	■ SCREW-ST 2.6MM 10MM JIS B 1122
1040	268949	20348180	■ SCREW-ST 2.6MM 05MM JIS B 1122
1050	268975	5555196A	■ SCREW-ST 2.6MM 4MM JIS B 1122
1100	270310	55990440	■ SCREW-ST 2.6MM 11MM JIS 53 0 0
1110	268955	20363560	■ CREW-ST 3MM 10MM JIS B 1122 53
1120	266100	55127180	■ SCREW, 3MM X 8MM
1150	268977	55720610	■ SCREW-ST 3MM 8MM JIS, YELLOW Z
1160	268953	20349540	■ SCREW 2.6MM 5MM JIS B 1111 53

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
1170	268977	55720610	■ SCREW-ST 3MM 8MM JIS, YELLOW Z
1180	268950	20348290	■ SCREW-ST 2.6MM 05MM JIS B 1122
1190	268951	20348320	■ SCREW-ST 3MM 06MM JIS B 1122 5
CP310	271111	2036423000	WIRECONASY 02202B 2 200MM UL24
FO02	271267	55839110	AC SUBCONTRACT NEO5 MOTOR 2058
FO03	271311	56106060	AC SUBCONTRACT NEO5 GEAR RELAY
S101	269580	56018350	DIODE LED SB-150USO-CT
INSTRUMENT ASSEMBLY			
0020	269544	55997390	■ CABINET FRONT
0030	269545	55997410	■ DOOR CD
0040	271302	56067970	■ MLD COVER TOP A12 RTD205B(ASMP
0050	269546	55997430	CRYSTAL LENS DOOR CD
0055	269569	56002460	■ CRYSTAL WINDOW DOOR CD
0060	269547	55997490	BUTTON POWER
0070	269548	55997500	BUTTON FUNCTION
0080	269557	55997610	HOLDER LOCK LEFT P02
0090	269556	55997600	HOLDER LOCK RIGHT P01
0100	269549	55997510	LIGHTPIPE DISC LENS
0110	269550	55997520	LIGHTPIPE IR LENS
0120	269551	55997530	LIGHTPIPE POWER LENS
0130	269552	55997540	LIGHTPIPE SOURCE LENS
0140	269553	55997560	LIGHTPIPE SURROUND LENS
0150	269554	55997570	LIGHTPIPE VOLUME LENS
0155	271300	56051790	MLD BRACKET SMPS P03 RTD205C(A
0160	271290	56049370	■ CHASSIS BOTTOM(SECC) RTD205C(A
0170	271291	56049380	■ BACK PANEL (SECC) RTD205C(ASMP
0180	269560	55997850	BRACKET DSP BD
0200	266014	55860570	BRACKET, BACK DVD MODULE
0210	269561	55997860	SPRING DOOR CD RIGHT
0220	269562	55997870	SPRING DOOR CD LEFT
0230	269563	55997880	SPRING LOCK LEFT
0240	269564	55997890	SPRING LOCK RIGHT
0320	271228	55986640	AC ASY CLAMP AC CLAMP R=N
0330	265256	55855360	FOOT
0340	269454	55048990	■ SCREW-ST 4MM 6MM - 03 0 0 {LF=

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
0350	271212	5533918A	■ SCREW-ST 4MM 8MM -- 08 0 0 R=N	D108	257370	20415050	DIODE 1N4002 100.0V 1A
0360	268952	20349380	■ SCREW-ST 3MM 08MM JIS B 1122 5	D110	198589	70436540	DIODE 1N4148
0390	269147	55127280	■ SCREW-ST 3MM 6MM JIS B 1122 J5	D111	198589	70436540	DIODE 1N4148
0400	265996	55701210	■ SCREW 6MM	D113	198589	70436540	DIODE 1N4148
0520	265998	55049000	■ SCREW 06MM	IC101	269570	56003510	IC-MICROCONT HT48R10A-1 8-BIT
0550	265995	55127120	■ SCREW 8MM	IC102	263016	20683030	IC-LOGIC CD4094BE
0600	265976	55127070	■ SCREW, 10MM	IC103	263016	20683030	IC-LOGIC CD4094BE
AC CORD	248190	20865960	△ AC POWER CORD	IR101	271317	56190970	IC-REMOTE IRM- 2756VS28F5 RECEI
CIRCUIT	271284	56047320	■△ AC EMBD IMA MAIN BD RTD205C(AS	J101	NONSTK	55210010	WIRE JUMPER
CIRCUIT	271285	56047340	■△ AC EMBD IMA KEY BD RTD205C(ASM	J102	NONSTK	55210010	WIRE JUMPER
CIRCUIT	271286	56047350	■△ AC EMBD IMA SMPS BD RTD205C(AS	J103	NONSTK	55210010	WIRE JUMPER
REMOT E	265085	21361160	REMOTE CONTROL: RCR311AC1	J104	NONSTK	55210010	WIRE JUMPER
SPEAKE R	271305	56068410	CPL SPEAKER BOX ASM RTD205C(AS	J105	NONSTK	55210010	WIRE JUMPER
XFORM ER	271310	56087600	△ TF-LAM POWER- TRANSFORMER 120V	J106	NONSTK	55210010	WIRE JUMPER
KEY BOARD ASY				J107	NONSTK	55210010	WIRE JUMPER
C102	189981	20268880	CAP LYTC 10UF M 50V	J108	NONSTK	55210010	WIRE JUMPER
C103	253796	20947390	CAPCC .1UF 10% 16V	J109	NONSTK	55210010	WIRE JUMPER
C104	245053	10244270	■ CAP LYTC 100UF M 16V	J201	NONSTK	20329200	WIRE JUMPER
C105	243372	20506590	CAP CC 100PF 50V NPO	J202	NONSTK	20329200	WIRE JUMPER
C106	253796	20947390	CAPCC .1UF 10% 16V	J203	NONSTK	20329200	WIRE JUMPER
C107	243372	20506590	CAP CC 100PF 50V NPO	J204	NONSTK	20329200	WIRE JUMPER
C108	243372	20506590	CAP CC 100PF 50V NPO	J205	NONSTK	20329200	WIRE JUMPER
C109	253796	20947390	CAPCC .1UF 10% 16V	J206	NONSTK	20329200	WIRE JUMPER
C112	253796	20947390	CAPCC .1UF 10% 16V	J207	NONSTK	20329200	WIRE JUMPER
C113	189981	20268880	CAP LYTC 10UF M 50V	J208	NONSTK	20329200	WIRE JUMPER
C114	253796	20947390	CAPCC .1UF 10% 16V	J209	NONSTK	20329200	WIRE JUMPER
C115	247002	10138550	CAPCC 1NF 10% 50V X7R	J210	NONSTK	20329200	WIRE JUMPER
C116	253796	20947390	CAPCC .1UF 10% 16V	J211	NONSTK	20329200	WIRE JUMPER
C117	247002	10138550	CAPCC 1NF 10% 50V X7R	J212	NONSTK	20329200	WIRE JUMPER
C118	253796	20947390	CAPCC .1UF 10% 16V	J213	NONSTK	20329200	WIRE JUMPER
C119	243359	20288040	CAPCC 100NF +80% -20% 16V Y5V	J214	NONSTK	20329200	WIRE JUMPER
CP101	271313	56121110	WIRECONASY 08212B 08 210MM UL2	J215	NONSTK	20329200	WIRE JUMPER
CP102	267390	55324830	CONN ASY 03282CX	J301	NONSTK	20181860	WIRE JUMPER
CP103	263000	55641720	CABLE 9P 420MM	J302	NONSTK	20181860	WIRE JUMPER
D101	NONSTK	20181860	WIRE JUMPER	J303	NONSTK	20181860	WIRE JUMPER
D104	NONSTK	20329200	WIRE JUMPER	J304	NONSTK	20181860	WIRE JUMPER
D105	NONSTK	20329200	WIRE JUMPER	J305	NONSTK	20181860	WIRE JUMPER
D106	NONSTK	20329200	WIRE JUMPER	J306	NONSTK	20181860	WIRE JUMPER
D107	198589	70436540	DIODE 1N4148	J307	NONSTK	20181860	WIRE JUMPER
				J308	NONSTK	20181860	WIRE JUMPER
				J309	NONSTK	20181860	WIRE JUMPER
				J310	NONSTK	20181860	WIRE JUMPER
				J311	NONSTK	20181860	WIRE JUMPER
				J312	NONSTK	20181860	WIRE JUMPER
				J313	NONSTK	20181860	WIRE JUMPER
				J401	NONSTK	20329290	WIRE JUMPER
				J402	NONSTK	20329290	WIRE JUMPER
				J403	NONSTK	20329290	WIRE JUMPER

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
J404	NONSTK	20329290	WIRE JUMPER	R106	243485	10135770	RES CHIP 1K 5% 1/16W
J405	NONSTK	20329290	WIRE JUMPER	R107	243485	10135770	RES CHIP 1K 5% 1/16W
J406	NONSTK	20329290	WIRE JUMPER	R108	256730	10134740	RES CMF 100 OHM 5% 1/16W
J501	NONSTK	20181870	WIRE JUMPER	R109	256730	10134740	RES CMF 100 OHM 5% 1/16W
J502	NONSTK	20181870	WIRE JUMPER	R110	256730	10134740	RES CMF 100 OHM 5% 1/16W
J503	NONSTK	20181870	WIRE JUMPER	R113	256741	10135010	RES CMF 10K OHM 5% 1/16W
J504	NONSTK	20181870	WIRE JUMPER	R114	256741	10135010	RES CMF 10K OHM 5% 1/16W
J505	NONSTK	20181870	WIRE JUMPER	R117	243485	10135770	RES CHIP 1K 5% 1/16W
J601	NONSTK	20637320	WIRE JUMPER	R118	243485	10135770	RES CHIP 1K 5% 1/16W
J602	NONSTK	20637320	WIRE JUMPER	R119	256741	10135010	RES CMF 10K OHM 5% 1/16W
J603	NONSTK	20637320	WIRE JUMPER	R120	256730	10134740	RES CMF 100 OHM 5% 1/16W
JC1	181161	50885530	RES CMF 1/8W 0% 0R	R122	256741	10135010	RES CMF 10K OHM 5% 1/16W
JC2	181161	50885530	RES CMF 1/8W 0% 0R	R123	256730	10134740	RES CMF 100 OHM 5% 1/16W
JC3	181161	50885530	RES CMF 1/8W 0% 0R	R126	256730	10134740	RES CMF 100 OHM 5% 1/16W
JC4	181161	50885530	RES CMF 1/8W 0% 0R	R127	256741	10135010	RES CMF 10K OHM 5% 1/16W
L101	160186	30944680	COIL 100UH	R128	256730	10134740	RES CMF 100 OHM 5% 1/16W
LED101	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R129	256735	10134870	RES CMF 330 OHM 5% 1/16W
LED102	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R130	256735	10134870	RES CMF 330 OHM 5% 1/16W
LED103	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R131	256735	10134870	RES CMF 330 OHM 5% 1/16W
LED104	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R132	256735	10134870	RES CMF 330 OHM 5% 1/16W
LED105	269582	56019060	DIODE-LED 3R4HD-7 RND 3.0	R133	256741	10135010	RES CMF 10K OHM 5% 1/16W
LED106	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R135	256741	10135010	RES CMF 10K OHM 5% 1/16W
LED107	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R136	261152	10134780	RES CMF 1/10W 5% 150R
LED108	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R138	256760	10135850	RES CMF 2K OHM 5% 1/16W
LED109	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R139	243485	10135770	RES CHIP 1K 5% 1/16W
LED110	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R140	256741	10135010	RES CMF 10K OHM 5% 1/16W
LED111	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R141	256735	10134870	RES CMF 330 OHM 5% 1/16W
LED112	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R142	243485	10135770	RES CHIP 1K 5% 1/16W
LED113	269582	56019060	DIODE-LED 3R4HD-7 RND 3.0	R143	256735	10134870	RES CMF 330 OHM 5% 1/16W
LED114	269585	56039020	DIODE-LED 3G4UCB-8 400MIOCD	R144	256735	10134870	RES CMF 330 OHM 5% 1/16W
Q102	229736	20508070	TRANSISTOR KTC3198GR				
Q103	229736	20508070	TRANSISTOR KTC3198GR				
Q104	246519	55133180	TRANSISTOR DTC114YKA				
Q105	246519	55133180	TRANSISTOR DTC114YKA				
R101	243485	10135770	RES CHIP 1K 5% 1/16W				
R102	243485	10135770	RES CHIP 1K 5% 1/16W				
R103	243485	10135770	RES CHIP 1K 5% 1/16W				
R104	243485	10135770	RES CHIP 1K 5% 1/16W				
R105	256783	10328750	RES CMF 0 OHM 0% 1/16W				

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
R145	256741	10135010	RES CMF 10K OHM 5% 1/16W
R146	256735	10134870	RES CMF 330 OHM 5% 1/16W
R147	256741	10135010	RES CMF 10K OHM 5% 1/16W
R148	256741	10135010	RES CMF 10K OHM 5% 1/16W
R149	256735	10134870	RES CMF 330 OHM 5% 1/16W
R150	256741	10135010	RES CMF 10K OHM 5% 1/16W
R151	256735	10134870	RES CMF 330 OHM 5% 1/16W
R152	256735	10134870	RES CMF 330 OHM 5% 1/16W
R153	256735	10134870	RES CMF 330 OHM 5% 1/16W
R154	256735	10134870	RES CMF 330 OHM 5% 1/16W
R156	256741	10135010	RES CMF 10K OHM 5% 1/16W
R157	256760	10135850	RES CMF 2K OHM 5% 1/16W
R158	256741	10135010	RES CMF 10K OHM 5% 1/16W
R159	256730	10134740	RES CMF 100 OHM 5% 1/16W
R160	256730	10134740	RES CMF 100 OHM 5% 1/16W
R161	256730	10134740	RES CMF 100 OHM 5% 1/16W
S101	245481	20404730	SWITCH
S102	245481	20404730	SWITCH
S103	245481	20404730	SWITCH
S104	245481	20404730	SWITCH
S105	245481	20404730	SWITCH
S106	245481	20404730	SWITCH
S107	245481	20404730	SWITCH
S108	245481	20404730	SWITCH
S109	245481	20404730	SWITCH
Y101	265206	55849210	RESONATOR 8MHZ
MAIN CBA			
C001	260707	20268010	CAP CE 1000UF 16V 85C
C002	253796	20947390	CAPCC .1UF 10% 16V
C004	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C006	253796	20947390	CAPCC .1UF 10% 16V
C009	189981	20268880	CAP LYTC 10UF M 50V
C010	253796	20947390	CAPCC .1UF 10% 16V
C011	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C012	253796	20947390	CAPCC .1UF 10% 16V

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
C013	189981	20268880	CAP LYTC 10UF M 50V
C014	189981	20268880	CAP LYTC 10UF M 50V
C015	253796	20947390	CAPCC .1UF 10% 16V
C016	253796	20947390	CAPCC .1UF 10% 16V
C017	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C018	253796	20947390	CAPCC .1UF 10% 16V
C020	256775	10138960	CAP CC .01UF K X7R 50V
C021	256775	10138960	CAP CC .01UF K X7R 50V
C022	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C023	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C024	269255	7042798000	CAP LYTC 1000UF M 50V
C025	269506	13070690	CAP 10U0F +20% 100.0V 85C
C026	260668	20266460	CAP POLY 100NF +10% 50V
C027	267091	55854010	! CAP 4.7MF +20% 50.0V 85C
C028	269506	13070690	CAP 10U0F +20% 100.0V 85C
C029	258138	55095430	CAP CPM 100NF 10% 250V
C101	243372	20506590	CAP CC 100PF 50V NPO
C102	243372	20506590	CAP CC 100PF 50V NPO
C103	243372	20506590	CAP CC 100PF 50V NPO
C104	243372	20506590	CAP CC 100PF 50V NPO
C105	253796	20947390	CAPCC .1UF 10% 16V
C106	253796	20947390	CAPCC .1UF 10% 16V
C107	256817	20506570	CAP CC 47PF 50V NPO
C108	256817	20506570	CAP CC 47PF 50V NPO
C109	256817	20506570	CAP CC 47PF 50V NPO
C110	256817	20506570	CAP CC 47PF 50V NPO
C111	256817	20506570	CAP CC 47PF 50V NPO
C112	256817	20506570	CAP CC 47PF 50V NPO
C113	253796	20947390	CAPCC .1UF 10% 16V
C114	243372	20506590	CAP CC 100PF 50V NPO
C115	243372	20506590	CAP CC 100PF 50V NPO
C116	243372	20506590	CAP CC 100PF 50V NPO
C117	243372	20506590	CAP CC 100PF 50V NPO
C118	256817	20506570	CAP CC 47PF 50V NPO
C119	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C201	253796	20947390	CAPCC .1UF 10% 16V
C202	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C203	253796	20947390	CAPCC .1UF 10% 16V
C204	260938	20719320	CAPCC 5PF 10% 50V
C205	271252	10137410	CCCFMIC 120P0F +10% - 10% 50.0V
C206	259975	10137420	CAPCC 150PF 10% 50V NPO
C207	249036	20506640	CAPCC 220PF J NPO 50V
C208	249036	20506640	CAPCC 220PF J NPO 50V
C209	260938	20719320	CAPCC 5PF 10% 50V

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
C210	271252	10137410	CCCFMIC 120P0F +10% - 10% 50.0V
C211	259975	10137420	CAPCC 150PF 10% 50V NPO
C212	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C213	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C214	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C215	256772	10138370	CAP CC 470PF +10% -10% 50V
C216	256772	10138370	CAP CC 470PF +10% -10% 50V
C217	269116	13071050	CE 1U0F +20% 16.0V 85C {LF=N R
C218	269116	13071050	CE 1U0F +20% 16.0V 85C {LF=N R
C219	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C220	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C221	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C222	189981	20268880	CAP LYTC 10UF M 50V
C223	189981	20268880	CAP LYTC 10UF M 50V
C224	189981	20268880	CAP LYTC 10UF M 50V
C225	189981	20268880	CAP LYTC 10UF M 50V
C226	189981	20268880	CAP LYTC 10UF M 50V
C227	189981	20268880	CAP LYTC 10UF M 50V
C228	265962	13051580	CAP 470UF +20% 6.3V 85C
C229	265962	13051580	CAP 470UF +20% 6.3V 85C
C230	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C231	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C232	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C233	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C236	253796	20947390	CAPCC .1UF 10% 16V
C237	253796	20947390	CAPCC .1UF 10% 16V
C238	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C239	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C240	253796	20947390	CAPCC .1UF 10% 16V
C241	253796	20947390	CAPCC .1UF 10% 16V
C242	256770	10137380	CAP CC 100PF +10% -10% 50V NPO
C301	253796	20947390	CAPCC .1UF 10% 16V
C302	253796	20947390	CAPCC .1UF 10% 16V
C303	253796	20947390	CAPCC .1UF 10% 16V

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
C304	253796	20947390	CAPCC .1UF 10% 16V
C306	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C307	253796	20947390	CAPCC .1UF 10% 16V
C308	253796	20947390	CAPCC .1UF 10% 16V
C309	260930	20268910	CAP LYTC 47UF +20% 25V 85C
C310	253796	20947390	CAPCC .1UF 10% 16V
C311	260930	20268910	CAP LYTC 47UF +20% 25V 85C
C312	253796	20947390	CAPCC .1UF 10% 16V
C313	253796	20947390	CAPCC .1UF 10% 16V
C314	253796	20947390	CAPCC .1UF 10% 16V
C315	253796	20947390	CAPCC .1UF 10% 16V
C316	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C317	253796	20947390	CAPCC .1UF 10% 16V
C318	253796	20947390	CAPCC .1UF 10% 16V
C402	253796	20947390	CAPCC .1UF 10% 16V
C403	253796	20947390	CAPCC .1UF 10% 16V
C404	253796	20947390	CAPCC .1UF 10% 16V
C405	244072	10138710	CAPCC 4.7NF +/-10% 50V
C406	253796	20947390	CAPCC .1UF 10% 16V
C407	253796	20947390	CAPCC .1UF 10% 16V
C408	244072	10138710	CAPCC 4.7NF +/-10% 50V
C409	247002	10138550	CAPCC 1NF 10% 50V X7R
C410	261181	10138410	CAP CC 680PF 10% 50V X7R
C411	253796	20947390	CAPCC .1UF 10% 16V
C412	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C501	256816	20506560	CAP CC 33PF 50V NPO
C502	256816	20506560	CAP CC 33PF 50V NPO
C503	256816	20506560	CAP CC 33PF 50V NPO
C504	256816	20506560	CAP CC 33PF 50V NPO
C505	253796	20947390	CAPCC .1UF 10% 16V
C506	253796	20947390	CAPCC .1UF 10% 16V
C507	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C508	189981	20268880	CAP LYTC 10UF M 50V
C510	253796	20947390	CAPCC .1UF 10% 16V
C512	260930	20268910	CAP LYTC 47UF +20% 25V 85C
C513	253796	20947390	CAPCC .1UF 10% 16V
C514	253796	20947390	CAPCC .1UF 10% 16V
C515	261181	10138410	CAP CC 680PF 10% 50V X7R
C516	253796	20947390	CAPCC .1UF 10% 16V
C517	260930	20268910	CAP LYTC 47UF +20% 25V 85C

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
C518	261181	10138410	CAP CC 680PF 10% 50V X7R	C566	253796	20947390	CAPCC .1UF 10% 16V
C519	261180	10138330	CAP CC 330PF 10% 50V X7R	C567	253796	20947390	CAPCC .1UF 10% 16V
C520	266498	20678060	CAPCC 27PF J NPO 50V	C568	253796	20947390	CAPCC .1UF 10% 16V
C521	261181	10138410	CAP CC 680PF 10% 50V X7R	C569	253796	20947390	CAPCC .1UF 10% 16V
C522	266498	20678060	CAPCC 27PF J NPO 50V	C570	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C
C523	256775	10138960	CAP CC .01UF K X7R 50V	C571	253796	20947390	CAPCC .1UF 10% 16V
C524	256811	20288010	CAPCC .047UF 50V Y5V	C572	253796	20947390	CAPCC .1UF 10% 16V
C525	256934	10138420	CAP CC 820PF 10% 50V	C573	253796	20947390	CAPCC .1UF 10% 16V
C526	253797	20947540	CAPCC .22UF 10% 10V	C574	253796	20947390	CAPCC .1UF 10% 16V
C527	256775	10138960	CAP CC .01UF K X7R 50V	C575	253796	20947390	CAPCC .1UF 10% 16V
C528	271253	10375260	CCCFMIC 300P0F +5% -5% 50.0V N	C576	260615	20811460	CAPCC 1UF +80% -20% 10V
C529	256770	10137380	CAP CC 100PF +10% -10% 50V NPO	C578	261181	10138410	CAP CC 680PF 10% 50V X7R
C530	256775	10138960	CAP CC .01UF K X7R 50V	C579	253796	20947390	CAPCC .1UF 10% 16V
C531	260615	20811460	CAPCC 1UF +80% -20% 10V	C580	189981	20268880	CAP LYTC 10UF M 50V
C532	260615	20811460	CAPCC 1UF +80% -20% 10V	C603	260682	10138780	CAP CC 10NF +80% -20% 50V
C533	253796	20947390	CAPCC .1UF 10% 16V	C604	253796	20947390	CAPCC .1UF 10% 16V
C534	261181	10138410	CAP CC 680PF 10% 50V X7R	C605	260682	10138780	CAP CC 10NF +80% -20% 50V
C535	253796	20947390	CAPCC .1UF 10% 16V	C606	253796	20947390	CAPCC .1UF 10% 16V
C536	260615	20811460	CAPCC 1UF +80% -20% 10V	C607	253796	20947390	CAPCC .1UF 10% 16V
C537	260837	20288030	CAP CC 68NF +80% -20% 16V	C608	253796	20947390	CAPCC .1UF 10% 16V
C538	256817	20506570	CAP CC 47PF 50V NPO	C609	269510	55389740	CAP 1U0F +80% -20% 16.0V Y
C539	256817	20506570	CAP CC 47PF 50V NPO	C610	253796	20947390	CAPCC .1UF 10% 16V
C540	256775	10138960	CAP CC .01UF K X7R 50V	C611	253796	20947390	CAPCC .1UF 10% 16V
C541	253796	20947390	CAPCC .1UF 10% 16V	C612	253796	20947390	CAPCC .1UF 10% 16V
C542	253796	20947390	CAPCC .1UF 10% 16V	C613	189981	20268880	CAP LYTC 10UF M 50V
C543	253796	20947390	CAPCC .1UF 10% 16V	C614	260682	10138780	CAP CC 10NF +80% -20% 50V
C544	253796	20947390	CAPCC .1UF 10% 16V	C615	256775	10138960	CAP CC .01UF K X7R 50V
C545	253796	20947390	CAPCC .1UF 10% 16V	C616	256775	10138960	CAP CC .01UF K X7R 50V
C547	260632	20269020	CAP LYTC 100UF +20% 16.0V 85C	C617	256775	10138960	CAP CC .01UF K X7R 50V
C550	253796	20947390	CAPCC .1UF 10% 16V	C618	256775	10138960	CAP CC .01UF K X7R 50V
C551	253796	20947390	CAPCC .1UF 10% 16V	C619	256775	10138960	CAP CC .01UF K X7R 50V
C552	253796	20947390	CAPCC .1UF 10% 16V	C620	256775	10138960	CAP CC .01UF K X7R 50V
C553	253796	20947390	CAPCC .1UF 10% 16V	C621	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C554	253796	20947390	CAPCC .1UF 10% 16V	C622	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C555	189981	20268880	CAP LYTC 10UF M 50V	C623	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C556	253796	20947390	CAPCC .1UF 10% 16V	C624	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C557	267292	55576060	CAP 220U0F +20% 16.0V 85C	C625	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C558	253796	20947390	CAPCC .1UF 10% 16V	C626	269526	55984240	CAPX 1U0F +10% -10% 50.0V X
C559	253796	20947390	CAPCC .1UF 10% 16V	C627	267222	21365920	CCCFMIC 100N0F +10% -10%
C560	253796	20947390	CAPCC .1UF 10% 16V				
C561	253796	20947390	CAPCC .1UF 10% 16V				
C563	253796	20947390	CAPCC .1UF 10% 16V				
C564	253796	20947390	CAPCC .1UF 10% 16V				
C565	253796	20947390	CAPCC .1UF 10% 16V				

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
C628	267222	21365920	CCCFMIC 100N0F +10% - 10%	C902	253796	20947390	CAPCC .1UF 10% 16V
C629	267222	21365920	CCCFMIC 100N0F +10% - 10%	C904	261180	10138330	CAP CC 330PF 10% 50V X7R
C630	267222	21365920	CCCFMIC 100N0F +10% - 10%	C906	253796	20947390	CAPCC .1UF 10% 16V
C631	267222	21365920	CCCFMIC 100N0F +10% - 10%	C907	253796	20947390	CAPCC .1UF 10% 16V
C632	267222	21365920	CCCFMIC 100N0F +10% - 10%	C908	267292	55576060	CAP 220U0F +20% 16.0V 85C
C633	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	C909	253796	20947390	CAPCC .1UF 10% 16V
C634	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	C910	253796	20947390	CAPCC .1UF 10% 16V
C635	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	CN002	271257	15798380	CON 7.92MM HEADER SIDE ENTRY W
C636	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	CN301	269139	55009830IQ	CONN 0.5MM 24 FE ST NAT 52559-
C637	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	CN401	267295	55123330	CONN 2.1MM 6 PIN LW2003P6
C638	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	CN501	265194	55123340	CONNECTOR 2.0MM 8 PIN
C639	269255	7042798000	CAP LYTC 1000UF M 50V	CP001	271312	56121100	WIRECONASY 09142B 09 140MM UL2
C640	269255	7042798000	CAP LYTC 1000UF M 50V	D001	257370	20415050	DIODE 1N4002 100.0V 1A
C641	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	D002	265227	55835880	DIODE, BRIDGE RECT 3AMP, RS605
C642	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	D003	257370	20415050	DIODE 1N4002 100.0V 1A
C644	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	D101	206077	16012450	DIODE
C646	271254	13074950	CE 220U0F +20% 50.0V 85C R=N	D102	206077	16012450	DIODE
C647	214015	90568280	CAP POLY 1UF K 63V	D201	206077	16012450	DIODE
C648	214015	90568280	CAP POLY 1UF K 63V	D202	206077	16012450	DIODE
C649	214015	90568280	CAP POLY 1UF K 63V	D301	206077	16012450	DIODE
C650	214015	90568280	CAP POLY 1UF K 63V	D302	206077	16012450	DIODE
C651	214015	90568280	CAP POLY 1UF K 63V	D501	206077	16012450	DIODE
C652	214015	90568280	CAP POLY 1UF K 63V	D502	206077	16012450	DIODE
C653	256775	10138960	CAP CC .01UF K X7R 50V	D503	206077	16012450	DIODE
C654	256775	10138960	CAP CC .01UF K X7R 50V	D901	254545	20415060	⚠ DIODE 1N4004 400V 1A
C656	256775	10138960	CAP CC .01UF K X7R 50V	F001	246839	20828880	⚠ FUSE SB 5A/125V
C657	256775	10138960	CAP CC .01UF K X7R 50V	FH001	268749	55981430	FUSE-HOLDER FC-53
C658	256775	10138960	CAP CC .01UF K X7R 50V	IC001	267315	56016480	IC - TYPE PJ1117CW REG
C659	256775	10138960	CAP CC .01UF K X7R 50V	IC002	269571	56016360	IC-REG AZ431AZ-ATRE1
C660	256775	10138960	CAP CC .01UF K X7R 50V	IC201	254535	20718780	IC-LOGIC BU4052BF MULTIPLEXER
C661	256775	10138960	CAP CC .01UF K X7R 50V	IC202	267689	55991940	IC-OPERAMP AZ4558AM DUAL OP
C662	256775	10138960	CAP CC .01UF K X7R 50V	IC401	271288	56047760	IC-MOTORCIR AM5668S L/F MOTOR
C663	256775	10138960	CAP CC .01UF K X7R 50V	IC501	258071	20940740	IC-EEPROM M24C02WMN6
C664	256775	10138960	CAP CC .01UF K X7R 50V	IC502	271301	56060210	IC-VIDEOPROC SPHE8202DE MPEG V
C665	256775	10138960	CAP CC .01UF K X7R 50V	IC503	271314	56167150	IC-DRAM 143M0 HZ 7N5 64M(1M*16
C666	253796	20947390	CAPCC .1UF 10% 16V	IC503	267325	55925440	IC-DRAM 133M0 HZ 7N5 N N 64M
C801	256775	10138960	CAP CC .01UF K X7R 50V	IC504	271299	56051500	IC-CONV PCM1807PWR A/D R=Y
				IC505	271265	5524856A	IC-MEMFLASH M29W800DT70N6E R=Y

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
IC505	267683	55248560	IC-MEMFLASH M29W800DT-70N6	L201	265199	55830290	FERRITE BEAD SMD 300OHM
IC506	261167	55300130	IC-LOGIC 74HCT574MTC	L202	267289	55126520	FBEAD SURFACE MT 120OHM CHIP
IC601	271282	56040940	IC-MICROPROC TAS5086DBTRG4 WIT	L203	267318	55883660	LF-SMD 2U4H +10% N N
IC602	271283	56041290	IC-SPECFUNC TAS5186DDVR SIX-CH	L204	267318	55883660	LF-SMD 2U4H +10% N N
IC901	267315	56016480	IC - TYPE PJ1117CW REG	L205	267318	55883660	LF-SMD 2U4H +10% N N
IC902	267315	56016480	IC - TYPE PJ1117CW REG	L206	267318	55883660	LF-SMD 2U4H +10% N N
JK101	271316	56186310	CON PHONO SCKT RCA-390P RBG R=	L207	265198	55700390	FERRITE BEAD SMD 2.5KOHM
JK102	271315	56186300	CON DIN SCKT MIX SOCKET RCA-11	L208	265198	55700390	FERRITE BEAD SMD 2.5KOHM
JK103	266157	55176330	AUDIO IN/OUT JACKS	L301	265199	55830290	FERRITE BEAD SMD 300OHM
JK601	271298	56051490	CONN-SPE WH/RD/GN/PU/BU/GY ABO	L303	271292	56049500	LF-SMD 10U0H +10% 2012 R=Y
L001	269193	5512861002	FBEAD BEAD 95OHM FERRITE BEAD	L304	271292	56049500	LF-SMD 10U0H +10% 2012 R=Y
L002	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L501	265199	55830290	FERRITE BEAD SMD 300OHM
L003	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L502	265199	55830290	FERRITE BEAD SMD 300OHM
L004	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L503	265199	55830290	FERRITE BEAD SMD 300OHM
L005	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L504	265199	55830290	FERRITE BEAD SMD 300OHM
L006	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L505	265199	55830290	FERRITE BEAD SMD 300OHM
L007	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L506	265199	55830290	FERRITE BEAD SMD 300OHM
L008	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L507	265199	55830290	FERRITE BEAD SMD 300OHM
L009	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L508	265199	55830290	FERRITE BEAD SMD 300OHM
L010	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L509	265200	55700380	FERRITE BEAD SMD 1KOHM
L011	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L510	265199	55830290	FERRITE BEAD SMD 300OHM
L012	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L511	265199	55830290	FERRITE BEAD SMD 300OHM
L013	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L601	265199	55830290	FERRITE BEAD SMD 300OHM
L016	269509	55179500	BEAD 80.582OHM FERRITE	L602	265199	55830290	FERRITE BEAD SMD 300OHM
L017	269509	55179500	BEAD 80.582OHM FERRITE	L603	265199	55830290	FERRITE BEAD SMD 300OHM
L018	267289	55126520	FBEAD SURFACE MT 120OHM CHIP	L604	271297	56051480	CHOKE 22UH +15% -15% 6.0A 0 0
L101	265199	55830290	FERRITE BEAD SMD 300OHM	L605	271297	56051480	CHOKE 22UH +15% -15% 6.0A 0 0
L102	265199	55830290	FERRITE BEAD SMD 300OHM	L606	271297	56051480	CHOKE 22UH +15% -15% 6.0A 0 0
L103	265199	55830290	FERRITE BEAD SMD 300OHM	L607	271297	56051480	CHOKE 22UH +15% -15% 6.0A 0 0
L104	265199	55830290	FERRITE BEAD SMD 300OHM	L608	271297	56051480	CHOKE 22UH +15% -15% 6.0A 0 0
L105	265199	55830290	FERRITE BEAD SMD 300OHM	L609	271297	56051480	CHOKE 22UH +15% -15% 6.0A 0 0
L106	265199	55830290	FERRITE BEAD SMD 300OHM	L801	265200	55700380	FERRITE BEAD SMD 1KOHM
				L902	267289	55126520	FBEAD SURFACE MT 120OHM CHIP
				M001	269568	56002340	TRANS STP24NF10 85.0W 26.0A
				Q201	267299	55884270	TRST 2SK2731 N N 200MI0W N
				Q202	267299	55884270	TRST 2SK2731 N N 200MI0W N
				Q203	246519	55133180	TRANSISTOR DTC114YKA

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
Q204	269151	5513319092	TR-SSD DTA114YKA P 10K0 OHM 47
Q205	266150	55812680	TR- 2SC2412K 150MI0
Q206	266150	55812680	TR- 2SC2412K 150MI0
Q207	266150	55812680	TR- 2SC2412K 150MI0
Q208	246519	55133180	TRANSISTOR DTC114YKA
Q209	246536	55039430	TRANSISTOR DTC3223TK
Q210	266150	55812680	TR- 2SC2412K 150MI0
Q211	266150	55812680	TR- 2SC2412K 150MI0
Q212	266150	55812680	TR- 2SC2412K 150MI0
Q213	246519	55133180	TRANSISTOR DTC114YKA
Q214	246536	55039430	TRANSISTOR DTC3223TK
Q215	246536	55039430	TRANSISTOR DTC3223TK
Q216	246536	55039430	TRANSISTOR DTC3223TK
Q217	246536	55039430	TRANSISTOR DTC3223TK
Q218	246536	55039430	TRANSISTOR DTC3223TK
Q219	246536	55039430	TRANSISTOR DTC3223TK
Q220	246536	55039430	TRANSISTOR DTC3223TK
Q221	254540	55157120	TRANSISTOR KTC2874
Q222	254540	55157120	TRANSISTOR KTC2874
Q223	246536	55039430	TRANSISTOR DTC3223TK
Q301	269144	5510011092	TR-SSD DTC114TUA N 10K0 OHM {L
Q302	267300	55201820	TRST 2SB1132 P 2.0A N N 32
Q303	267300	55201820	TRST 2SB1132 P 2.0A N N 32
Q501	246536	55039430	TRANSISTOR DTC3223TK
Q502	246536	55039430	TRANSISTOR DTC3223TK
Q801	229736	20508070	TRANSISTOR KTC3198GR
R001	267297	55933410	RMGCFMIC 220R0 OHM +1% 100MW
R002	267291	15799380	RMGCFMIC 365 OHM +1% 100MW
R003	261306	20538660	RES CMF 4.7 OHM +5% 1/16W
R004	260649	20589100	RES CMF 1R OHM 5% 1/10W
R005	259568	20740280	RES CMF 3.3 OHNS 5% 1/16W
R009	259568	20740280	RES CMF 3.3 OHNS 5% 1/16W
R010	259568	20740280	RES CMF 3.3 OHNS 5% 1/16W
R011	240936	90571120	RES CF 1/4W 5% 12K
R012	175417	60441570	RES CF 1/4W 5% 5.1K
R014	179753	15012570	RES MF 1/4W 1% 1K
R015	256754	10135340	RES CMF 100K OHM 5% 1/16W
R016	175347	90571470	RES CF 1/2W 5% 10K
R101	260677	10134410	RES CMF 10 OHM +5% 1/16W
R102	260685	10134680	RES CMF 56R +5% 1/16W
R103	260685	10134680	RES CMF 56R +5% 1/16W

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
R104	260677	10134410	RES CMF 10 OHM +5% 1/16W
R105	256725	10134540	RES CMF 22 OHM +5% 1/16W
R106	256726	10134650	RES CMF 47 OHM +5% 1/16W
R107	256725	10134540	RES CMF 22 OHM +5% 1/16W
R108	256754	10135340	RES CMF 100K OHM 5% 1/16W
R109	256754	10135340	RES CMF 100K OHM 5% 1/16W
R110	256754	10135340	RES CMF 100K OHM 5% 1/16W
R111	256754	10135340	RES CMF 100K OHM 5% 1/16W
R112	256737	10134910	RES CMF 470 OHM 5% 1/16W
R113	256741	10135010	RES CMF 10K OHM 5% 1/16W
R114	256741	10135010	RES CMF 10K OHM 5% 1/16W
R115	256741	10135010	RES CMF 10K OHM 5% 1/16W
R116	256741	10135010	RES CMF 10K OHM 5% 1/16W
R117	256741	10135010	RES CMF 10K OHM 5% 1/16W
R118	256741	10135010	RES CMF 10K OHM 5% 1/16W
R119	256737	10134910	RES CMF 470 OHM 5% 1/16W
R120	256737	10134910	RES CMF 470 OHM 5% 1/16W
R121	256737	10134910	RES CMF 470 OHM 5% 1/16W
R122	256741	10135010	RES CMF 10K OHM 5% 1/16W
R201	266095	20506750	RES CMF 1/10W 5% 1M
R202	243375	10135940	RES CMF 4.7K 5% 1/10W
R204	256733	10134850	RES CMF 270 OHM 5% 1/16W
R205	256733	10134850	RES CMF 270 OHM 5% 1/16W
R206	256733	10134850	RES CMF 270 OHM 5% 1/16W
R207	261152	10134780	RES CMF 1/10W 5% 150R
R208	256730	10134740	RES CMF 100 OHM 5% 1/16W
R209	256730	10134740	RES CMF 100 OHM 5% 1/16W
R210	256730	10134740	RES CMF 100 OHM 5% 1/16W

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
R211	256762	10135880	RES CMF 2.7K OHM 5% 1/16W	R237	256737	10134910	RES CMF 470 OHM 5% 1/16W
R212	256762	10135880	RES CMF 2.7K OHM 5% 1/16W	R238	256737	10134910	RES CMF 470 OHM 5% 1/16W
R213	256762	10135880	RES CMF 2.7K OHM 5% 1/16W	R239	256754	10135340	RES CMF 100K OHM 5% 1/16W
R214	256746	10135120	RES CMF 22K OHM 5% 1/16W	R240	256754	10135340	RES CMF 100K OHM 5% 1/16W
R215	256746	10135120	RES CMF 22K OHM 5% 1/16W	R241	256754	10135340	RES CMF 100K OHM 5% 1/16W
R216	256746	10135120	RES CMF 22K OHM 5% 1/16W	R242	256754	10135340	RES CMF 100K OHM 5% 1/16W
R217	256737	10134910	RES CMF 470 OHM 5% 1/16W	R243	256744	10135080	RES CMF 18K OHM 5% 1/16W
R218	256737	10134910	RES CMF 470 OHM 5% 1/16W	R244	256744	10135080	RES CMF 18K OHM 5% 1/16W
R219	256737	10134910	RES CMF 470 OHM 5% 1/16W	R245	256741	10135010	RES CMF 10K OHM 5% 1/16W
R220	256737	10134910	RES CMF 470 OHM 5% 1/16W	R246	256741	10135010	RES CMF 10K OHM 5% 1/16W
R221	256730	10134740	RES CMF 100 OHM 5% 1/16W	R247	243485	10135770	RES CHIP 1K 5% 1/16W
R222	256730	10134740	RES CMF 100 OHM 5% 1/16W	R248	256741	10135010	RES CMF 10K OHM 5% 1/16W
R223	256730	10134740	RES CMF 100 OHM 5% 1/16W	R249	256741	10135010	RES CMF 10K OHM 5% 1/16W
R224	256741	10135010	RES CMF 10K OHM 5% 1/16W	R250	243485	10135770	RES CHIP 1K 5% 1/16W
R225	256754	10135340	RES CMF 100K OHM 5% 1/16W	R251	256742	10135030	RES CMF 12K OHM 5% 1/16W
R226	256754	10135340	RES CMF 100K OHM 5% 1/16W	R252	256742	10135030	RES CMF 12K OHM 5% 1/16W
R227	256741	10135010	RES CMF 10K OHM 5% 1/16W	R254	256783	10328750	RES CMF 0 OHM 0% 1/16W
R228	256762	10135880	RES CMF 2.7K OHM 5% 1/16W	R255	256741	10135010	RES CMF 10K OHM 5% 1/16W
R229	256762	10135880	RES CMF 2.7K OHM 5% 1/16W	R301	256783	10328750	RES CMF 0 OHM 0% 1/16W
R230	256762	10135880	RES CMF 2.7K OHM 5% 1/16W	R302	256783	10328750	RES CMF 0 OHM 0% 1/16W
R231	256754	10135340	RES CMF 100K OHM 5% 1/16W	R303	256737	10134910	RES CMF 470 OHM 5% 1/16W
R232	256754	10135340	RES CMF 100K OHM 5% 1/16W	R304	256754	10135340	RES CMF 100K OHM 5% 1/16W
R233	256746	10135120	RES CMF 22K OHM 5% 1/16W	R305	256737	10134910	RES CMF 470 OHM 5% 1/16W
R234	256746	10135120	RES CMF 22K OHM 5% 1/16W	R306	256754	10135340	RES CMF 100K OHM 5% 1/16W
R235	256746	10135120	RES CMF 22K OHM 5% 1/16W	R307	256783	10328750	RES CMF 0 OHM 0% 1/16W
R236	256737	10134910	RES CMF 470 OHM 5% 1/16W	R308	256783	10328750	RES CMF 0 OHM 0% 1/16W
				R309	259568	20740280	RES CMF 3.3 OHNS 5% 1/16W
				R310	271261	25490010	RMGCFMIC 5R1 OHM +5% 100MIOW R
				R311	271261	25490010	RMGCFMIC 5R1 OHM +5% 100MIOW R
				R401	256783	10328750	RES CMF 0 OHM 0% 1/16W
				R402	256783	10328750	RES CMF 0 OHM 0% 1/16W

REPLACEMENT PARTS (Continued)

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
R405	260649	20589100	RES CMF 1R OHM 5% 1/10W	R537	261151	10134590	RES CMF 33R 5% 1/16W
R406	256783	10328750	RES CMF 0 OHM 0% 1/16W	R538	256756	10135380	RES CMF 150K OHM 5% 1/16W
R407	256756	10135380	RES CMF 150K OHM 5% 1/16W	R539	261151	10134590	RES CMF 33R 5% 1/16W
R408	256756	10135380	RES CMF 150K OHM 5% 1/16W	R540	256741	10135010	RES CMF 10K OHM 5% 1/16W
R409	256783	10328750	RES CMF 0 OHM 0% 1/16W	R545	261151	10134590	RES CMF 33R 5% 1/16W
R411	256783	10328750	RES CMF 0 OHM 0% 1/16W	R546	260677	10134410	RES CMF 10 OHM +5% 1/16W
R412	261307	10135530	RES CMF 470K +5% 1/16W	R547	256739	10134950	RES CMF 680 OHM 5% 1/16W
R413	261307	10135530	RES CMF 470K +5% 1/16W	R548	261151	10134590	RES CMF 33R 5% 1/16W
R501	243375	10135940	RES CMF 4.7K 5% 1/10W	R549	261151	10134590	RES CMF 33R 5% 1/16W
R502	243375	10135940	RES CMF 4.7K 5% 1/10W	R553	260677	10134410	RES CMF 10 OHM +5% 1/16W
R503	243375	10135940	RES CMF 4.7K 5% 1/10W	R555	256783	10328750	RES CMF 0 OHM 0% 1/16W
R504	243375	10135940	RES CMF 4.7K 5% 1/10W	R557	261151	10134590	RES CMF 33R 5% 1/16W
R505	243375	10135940	RES CMF 4.7K 5% 1/10W	R559	261151	10134590	RES CMF 33R 5% 1/16W
R506	243485	10135770	RES CHIP 1K 5% 1/16W	R560	261151	10134590	RES CMF 33R 5% 1/16W
R507	243485	10135770	RES CHIP 1K 5% 1/16W	R561	261155	15334850	RES CHIP ARRAY 33R 5% 1/16W
R508	256741	10135010	RES CMF 10K OHM 5% 1/16W	R562	261155	15334850	RES CHIP ARRAY 33R 5% 1/16W
R509	256730	10134740	RES CMF 100 OHM 5% 1/16W	R563	261155	15334850	RES CHIP ARRAY 33R 5% 1/16W
R510	256741	10135010	RES CMF 10K OHM 5% 1/16W	R564	261155	15334850	RES CHIP ARRAY 33R 5% 1/16W
R512	243375	10135940	RES CMF 4.7K 5% 1/10W	R565	261151	10134590	RES CMF 33R 5% 1/16W
R514	243375	10135940	RES CMF 4.7K 5% 1/10W	R566	261151	10134590	RES CMF 33R 5% 1/16W
R515	243375	10135940	RES CMF 4.7K 5% 1/10W	R567	267289	55126520	FBEAD SURFACE MT 120OHM CHIP
R516	269515	55953040	RES 2K2 OHM +5% 250MI0W	R569	249338	10135220	RESMF 47K OHM +5% 62.5MW
R517	271251	10135330	RMGCFMIC 91K0 OHM +5% 100MI0W	R570	256760	10135850	RES CMF 2K OHM 5% 1/16W
R518	260845	20675200	RMGCFMIC 33K2 OHM +1% 62MI5W	R571	261151	10134590	RES CMF 33R 5% 1/16W
R519	256745	10135090	RES CMF 20K OHM 5% 1/16W	R573	261151	10134590	RES CMF 33R 5% 1/16W
R520	269515	55953040	RES 2K2 OHM +5% 250MI0W	R574	243485	10135770	RES CHIP 1K 5% 1/16W
R521	256745	10135090	RES CMF 20K OHM 5% 1/16W	R575	261151	10134590	RES CMF 33R 5% 1/16W
R522	256783	10328750	RES CMF 0 OHM 0% 1/16W	R576	261151	10134590	RES CMF 33R 5% 1/16W
R523	253803	21081770	RES CMF 62.5MW 1% 1.21K	R577	261151	10134590	RES CMF 33R 5% 1/16W
R524	256783	10328750	RES CMF 0 OHM 0% 1/16W	R580	256741	10135010	RES CMF 10K OHM 5% 1/16W
R525	256783	10328750	RES CMF 0 OHM 0% 1/16W	R581	243485	10135770	RES CHIP 1K 5% 1/16W
R526	256783	10328750	RES CMF 0 OHM 0% 1/16W	R582	256741	10135010	RES CMF 10K OHM 5% 1/16W
R527	243649	10135950	RES CMF 5.1K 5% 1/10W	R583	256741	10135010	RES CMF 10K OHM 5% 1/16W
R528	243649	10135950	RES CMF 5.1K 5% 1/10W	R584	256741	10135010	RES CMF 10K OHM 5% 1/16W
R529	256759	10135820	RES CMF 1.5K 5% 1/10W	R601	256726	10134650	RES CMF 47 OHM +5% 1/16W
R530	261151	10134590	RES CMF 33R 5% 1/16W				
R531	261151	10134590	RES CMF 33R 5% 1/16W				
R532	261151	10134590	RES CMF 33R 5% 1/16W				
R533	261151	10134590	RES CMF 33R 5% 1/16W				
R534	261151	10134590	RES CMF 33R 5% 1/16W				
R535	261151	10134590	RES CMF 33R 5% 1/16W				
R536	261151	10134590	RES CMF 33R 5% 1/16W				

REPLACEMENT PARTS (Continued)

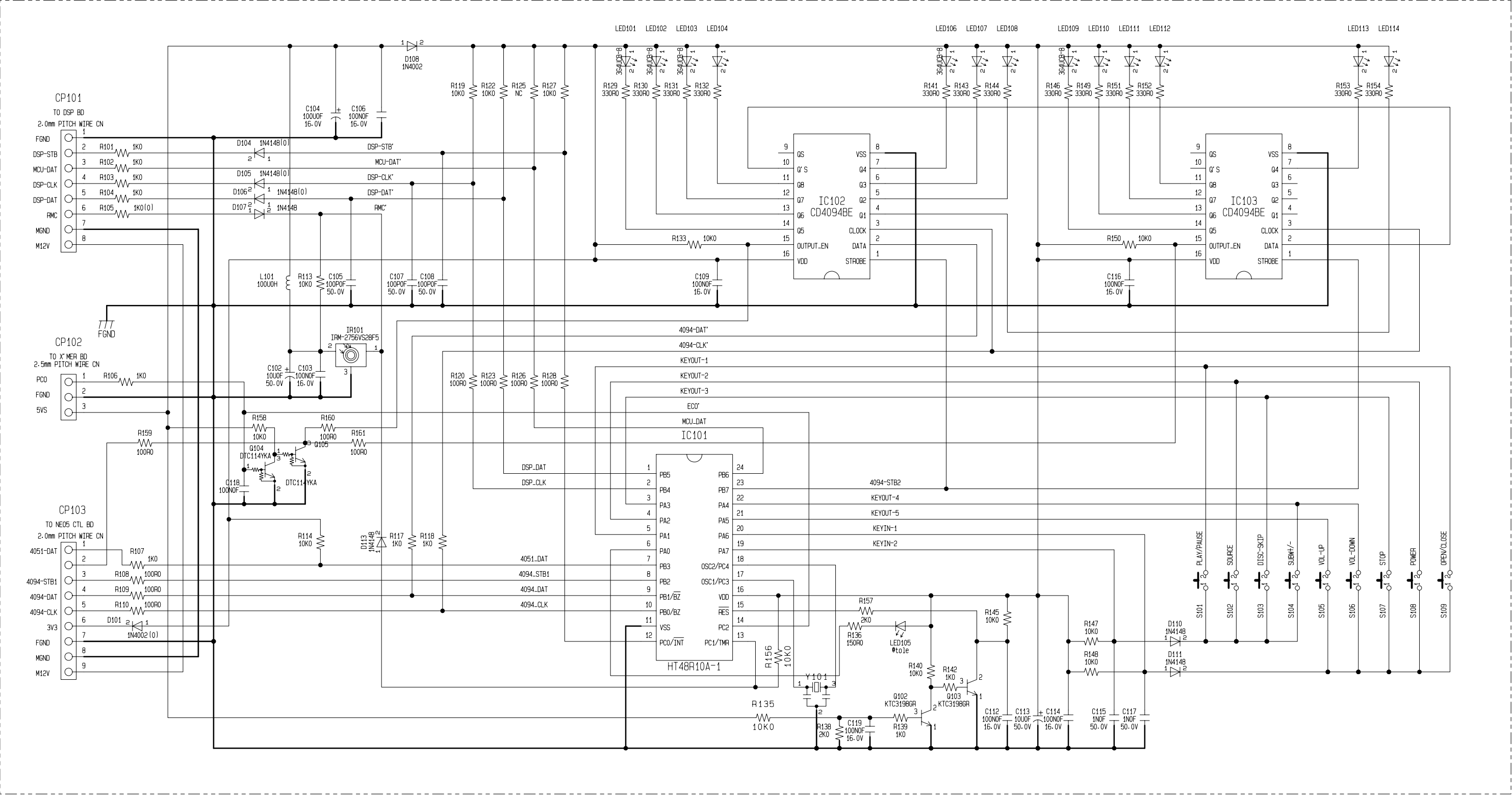
<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>	<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
R602	256726	10134650	RES CMF 47 OHM +5% 1/16W	C302	271289	56047790	▲ CPAMX 100N0F +20% -20% 275.0 V
R603	256726	10134650	RES CMF 47 OHM +5% 1/16W	C303	271296	56049930	CE 22U0F +20% 400.0V 105C R=N
R604	266821	10134820	RMGCMIC 200R0 OHM +5%	C304	271275	55965750	CC 4N7F +80% -20% 1K0V Y5V R=Y
R605	266821	10134820	RMGCMIC 200R0 OHM +5%	C305	246618	10122080	■ CAP LYTC 4.7UF M 160V
R606	253807	21129050	RES CMF 62.5MW 1% 18.2K	C306	260702	10272200	CAP LYTC 47UF 20% 25V 85C
R607	256745	10135090	RES CMF 20K OHM 5% 1/16W	C307	262994	20293470	CAP CD 100NF +80% -20% 50V
R608	175045	60441550	RES CF 1/4W 5% 330R	C311	271266	55503020	▲ CCS 1N0F +20% -20% 250.0 V Y5V
R609	175045	60441550	RES CF 1/4W 5% 330R	C312	271266	55503020	▲ CCS 1N0F +20% -20% 250.0 V Y5V
R610	175045	60441550	RES CF 1/4W 5% 330R	C313	271266	55503020	▲ CCS 1N0F +20% -20% 250.0 V Y5V
R611	175045	60441550	RES CF 1/4W 5% 330R	C341	262994	20293470	CAP CD 100NF +80% -20% 50V
R612	175045	60441550	RES CF 1/4W 5% 330R	C352	271258	20178470	CC 10N0F +20% -20% 50.0V Z5U R
R613	175045	60441550	RES CF 1/4W 5% 330R	C362	271260	20660900	▲ CE 2M2F +20% 10.0V 85C R=N
R614	260649	20589100	RES CMF 1R OHM 5% 1/10W	C364	267467	20268180	CE 330U0F +20% 16.0V 85C
R615	260649	20589100	RES CMF 1R OHM 5% 1/10W	C365	193043	8043447031	CAP LYTC 47UF 20% 105C
R616	260649	20589100	RES CMF 1R OHM 5% 1/10W	C366	271256	15752040	CE 100U0F +20% 16.0V 105C R=N
R617	260649	20589100	RES CMF 1R OHM 5% 1/10W	C367	271256	15752040	CE 100U0F +20% 16.0V 105C R=N
R618	260649	20589100	RES CMF 1R OHM 5% 1/10W	C372	267467	20268180	CE 330U0F +20% 16.0V 85C
R619	260649	20589100	RES CMF 1R OHM 5% 1/10W	C374	267467	20268180	CE 330U0F +20% 16.0V 85C
R620	260649	20589100	RES CMF 1R OHM 5% 1/10W	C376	267467	20268180	CE 330U0F +20% 16.0V 85C
R621	260649	20589100	RES CMF 1R OHM 5% 1/10W	C377	271256	15752040	CE 100U0F +20% 16.0V 105C R=N
R622	260649	20589100	RES CMF 1R OHM 5% 1/10W	C382	271256	15752040	CE 100U0F +20% 16.0V 105C R=N
R623	260649	20589100	RES CMF 1R OHM 5% 1/10W	CN301	271263	55123350	CONN 2.0MM 9 MA ST NAT LW2002P
R624	260649	20589100	RES CMF 1R OHM 5% 1/10W	CN302	265217	55078250	CONNECTOR, 3-PIN
R625	260649	20589100	RES CMF 1R OHM 5% 1/10W	D301	271273	55961730	D-SR 1N4007 1K0V 1.0A R=Y
R704	220568	30939360	RES CF 1/4W 5% 10R	D302	271273	55961730	D-SR 1N4007 1K0V 1.0A R=Y
R801	256742	10135030	RES CMF 12K OHM 5% 1/16W	D303	271273	55961730	D-SR 1N4007 1K0V 1.0A R=Y
R802	256742	10135030	RES CMF 12K OHM 5% 1/16W	D304	271273	55961730	D-SR 1N4007 1K0V 1.0A R=Y
R901	267297	55933410	RMGCFMIC 220R0 OHM +1% 100MW	D305	271272	55961580	D-SR FR107 1K0V 1.0A R=Y
R902	267291	15799380	RMGCFMIC 365 OHM +1% 100MW	D306	271272	55961580	D-SR FR107 1K0V 1.0A R=Y
R903	267297	55933410	RMGCFMIC 220R0 OHM +1% 100MW	D351	271255	15042270	D-SR 1N5819 40.0V 1A R=N
R904	259758	25481490	RMGCFMIC 470R0 OHM +1% 62M15W	D352	262370	16008280	DIODE 1N5822
TR801	265235	55830280	▲ THERMISTOR	D354	261098	55305060	■ DIODE SBYV27-200 200V 2A
W101	271281	56024580	WIRECONASY UNIQUE 1 100MM UL10	D355	271271	55961570	D-SR FR104 400.0V 1.0A R=Y
X501	267323	55439460	CRYS 27M0 HZ +15 PPM 50 OHM	D356	271271	55961570	D-SR FR104 400.0V 1.0A R=Y
ZEN002	220221	20526860	DIODE ZENER 11V 1/2W	D357	271271	55961570	D-SR FR104 400.0V 1.0A R=Y
ZEN003	271259	20526880	D-ZENER 1N5245B 15.0V 500MIOW	D361	198589	70436540	DIODE 1N4148
SMPS							
C301	271289	56047790	▲ CPAMX 100N0F +20% -20% 275.0 V				

REPLACEMENT PARTS (Continued)

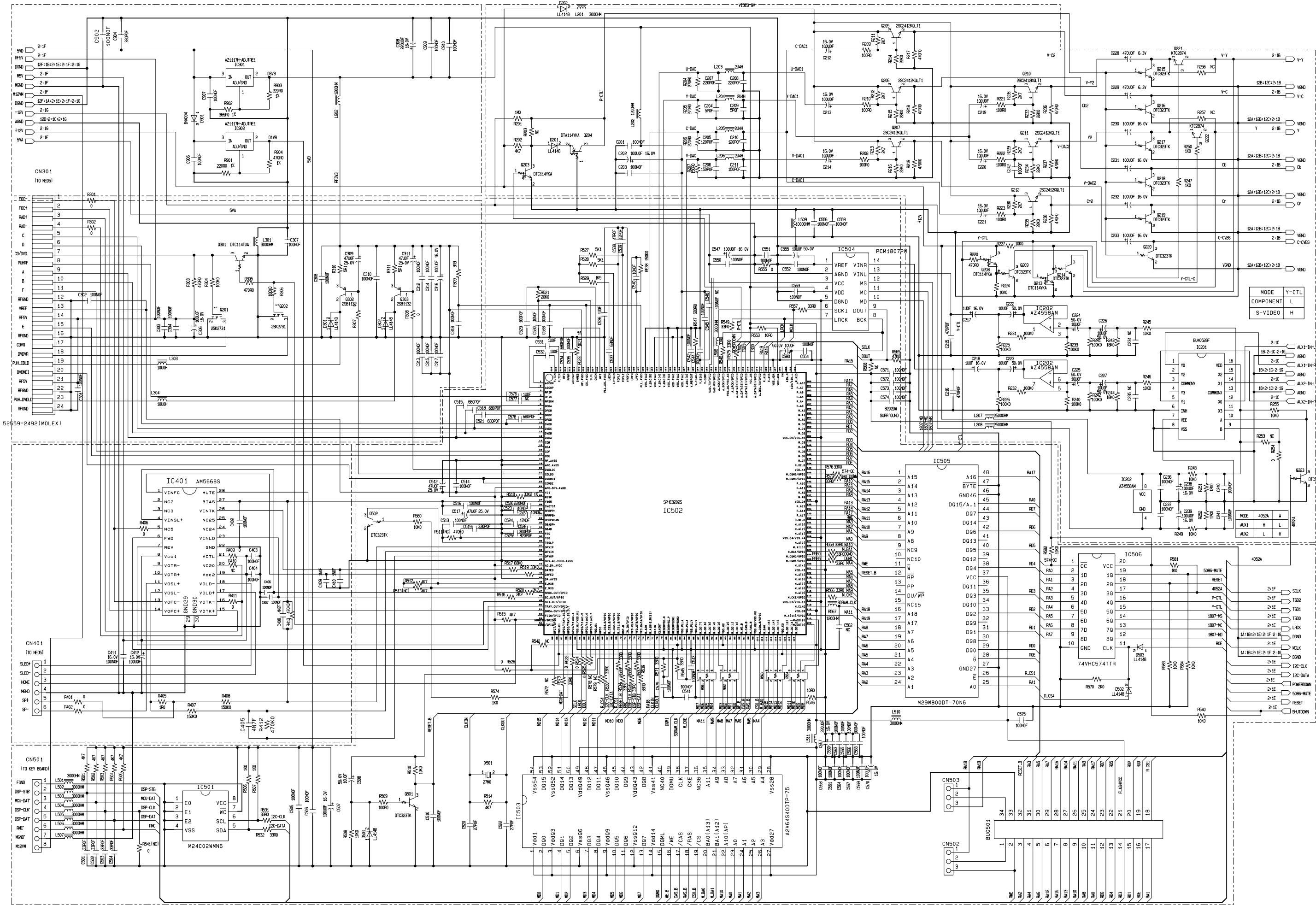
<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
D371	271255	15042270	D-SR 1N5819 40.0V 1A R=N
D381	198589	70436540	DIODE 1N4148
F301	246287	20828790	 FUSE 2A 250V
FH301	252836	55017140	HOLDER FUSE
J201	NONSTK	20329200	WIRE JUMPER
J202	NONSTK	20329200	WIRE JUMPER
J301	NONSTK	20181860	WIRE JUMPER
J302	NONSTK	20181860	WIRE JUMPER
J303	NONSTK	20181860	WIRE JUMPER
J701	NONSTK	20637320	WIRE JUMPER
KG	249354	5504884A	CONNECTOR HEADER 2 POS
L301	271295	5604982A	 TF-MF LINE FILTER 40M0 H 0 0 R
L352	271270	55961210	LF 10U0H +10% -10% R=Y
L354	271270	55961210	LF 10U0H +10% -10% R=Y
L356	262537	20242290	 COIL 10UH 5%
L357	262537	20242290	 COIL 10UH 5%
R301	176806	30946870	RES MFFP 2W 5% 47R
R302	175317	30939480	RES CF 1/4W 5% 10K
R306	180469	11059690	RES CF 1/4W 5% 18K
R309	229883	90571530	 RESISTOR
R341	202069	11059640	RES CF 1/4W 5% 1K
R342	175317	30939480	RES CF 1/4W 5% 10K
R343	175352	50883000	RES CF 1/4W 5% 3.3K
R344	175317	30939480	RES CF 1/4W 5% 10K
R352	271262	30945140	RCF 6R8 OHM +5% 250MI0W R=N
R361	202069	11059640	RES CF 1/4W 5% 1K
R371	175317	30939480	RES CF 1/4W 5% 10K
R372	202069	11059640	RES CF 1/4W 5% 1K
R381	175317	30939480	RES CF 1/4W 5% 10K
R382	202069	11059640	RES CF 1/4W 5% 1K
RY301	267700	55936250	 RELAYPWR 12.0V 580.0OHM 5.0A
T301	271293	56049600	 TFAUDIO SMPS TRANSFORMER EEL-2
U301	271294	56049810	IC-SPECFUNC FSDM0265RN 8-DIP S
U302	271274	55961750	PHOTCOUP EL817B SIGNAL ISOLATI
U341	269571	56016360	IC-REG AZ431AZ-ATRE1
V301	251565	20534520	 TRANSISTOR 2N5551
V361	257827	55028670	TRANSISTOR KTC8550D
V371	251565	20534520	 TRANSISTOR 2N5551
V381	251565	20534520	 TRANSISTOR 2N5551
VD301	271259	20526880	D-ZENER 1N5245B 15.0V 500MI0W
VD351	261441	20845050	D-ZENER 1N5221B 2.4V 1/2W

<u>Symbo</u>	<u>Stoc</u>	<u>Drawin</u>	<u>Description</u>
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RTD205C Key Schematic



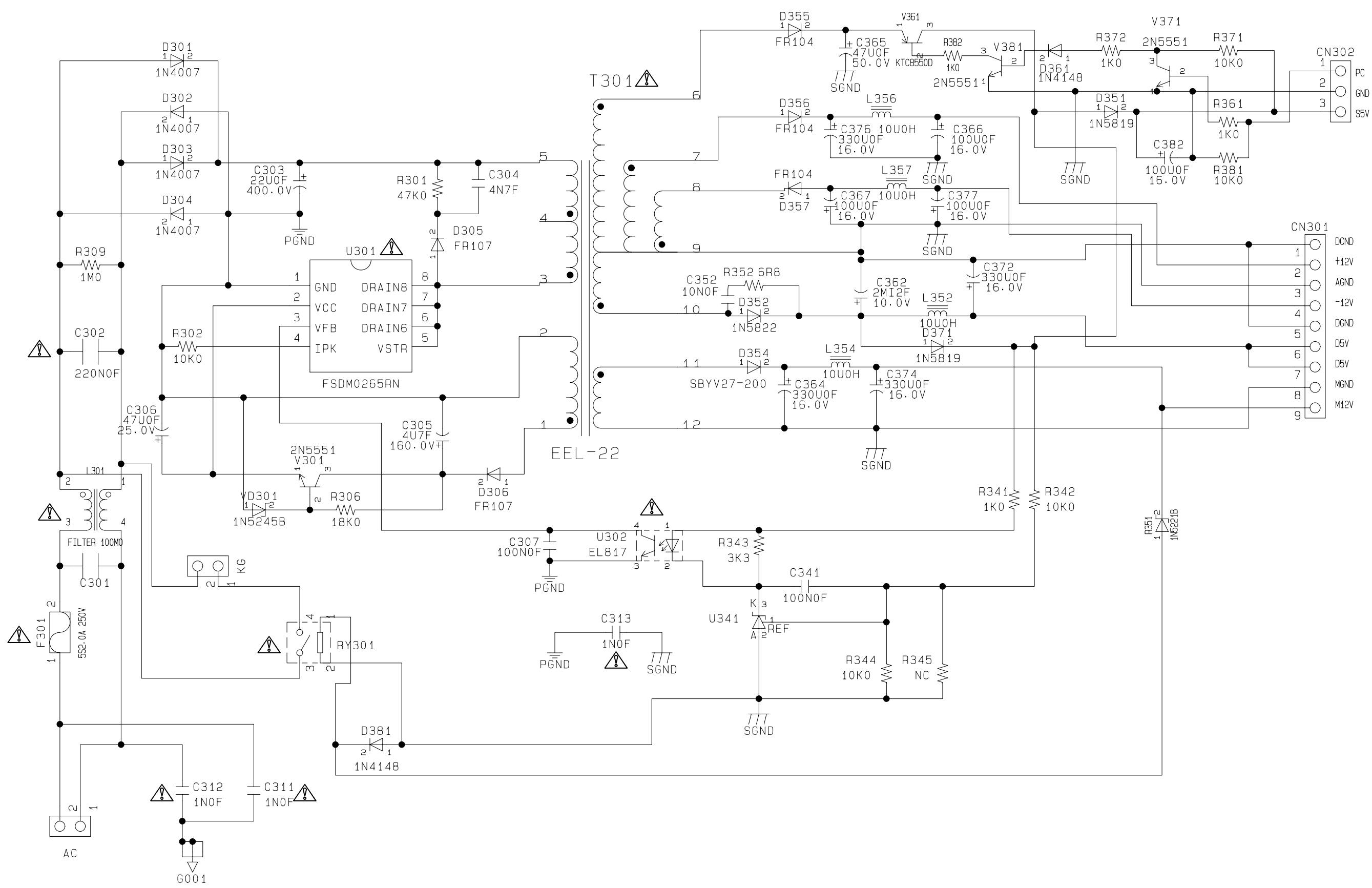
RTD205C Main Schematic (1 of 2)



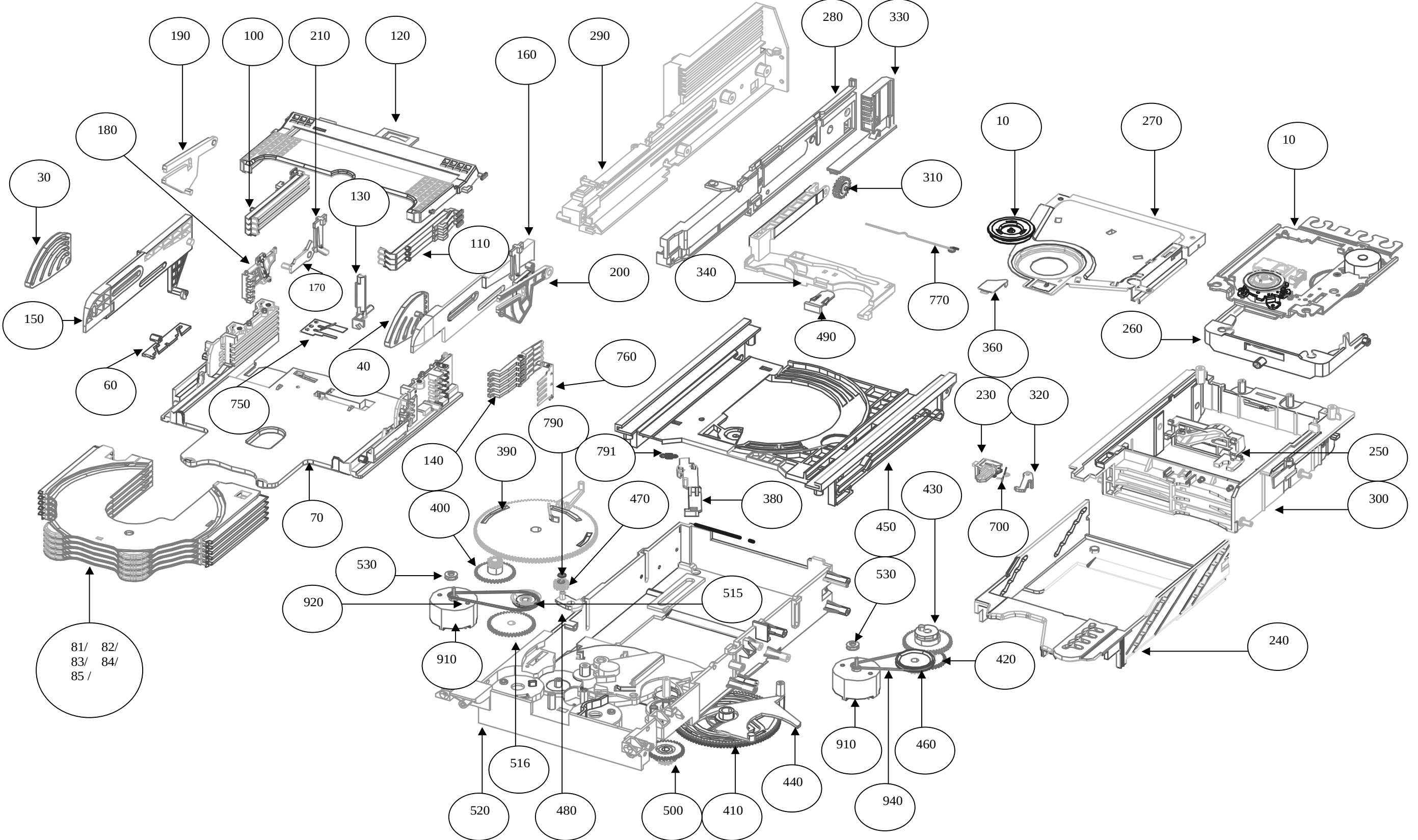
The image displays a complex PCB layout for a digital audio amplifier, organized into several functional blocks:

- IO (Input/Output):** Located on the left, it shows connections for various input signals (V-C, C-VBS, V-Y, Y, Cb, Cr, S-GND, C-VBS) and output signals (AUX1-IN, AUX1-R, AUX1-L, AUX2-IN, AUX2-R, SDA, SCL, LRCLK, SCLK). It includes a 10-pin header (W101) and a 4-pin header (JK103).
- PWM (Pulse Width Modulation):** This block contains the IC601 (TAS5086) and IC602 (STA5186DDV). It shows the internal signal paths for the digital-to-analog conversion and the subsequent PWM generation.
- DAMP (Damping):** This block shows the output stage of the amplifier, including the IC602 and the output filter network (C609, C613, C610, C608, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C774, C775, C776, C777, C778, C779, C780, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920, C921, C922, C923, C924, C925, C926, C927, C928, C929, C930, C931, C932, C933, C934, C935, C936, C937, C938, C939, C940, C941, C942, C943, C944, C945, C946, C947, C948, C949, C950, C951, C952, C953, C954, C955, C956, C957, C958, C959, C960, C961, C962, C963, C964, C965, C966, C967, C968, C969, C970, C971, C972, C973, C974, C975, C976, C977, C978, C979, C980, C981, C982, C983, C984, C985, C986, C987, C988, C989, C990, C991, C992, C993, C994, C995, C996, C997, C998, C999, C1000).
- PROT (Protection):** This block shows the protection circuitry, including the IC601 and the output filter network (C609, C613, C610, C608, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C774, C775, C776, C777, C778, C779, C780, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920, C921, C922, C923, C924, C925, C926, C927, C928, C929, C930, C931, C932, C933, C934, C935, C936, C937, C938, C939, C940, C941, C942, C943, C944, C945, C946, C947, C948, C949, C950, C951, C952, C953, C954, C955, C956, C957, C958, C959, C960, C961, C962, C963, C964, C965, C966, C9

RTD205C SMPS Schematic



RTD205C CD MECHANISM EXPLODED VIEW

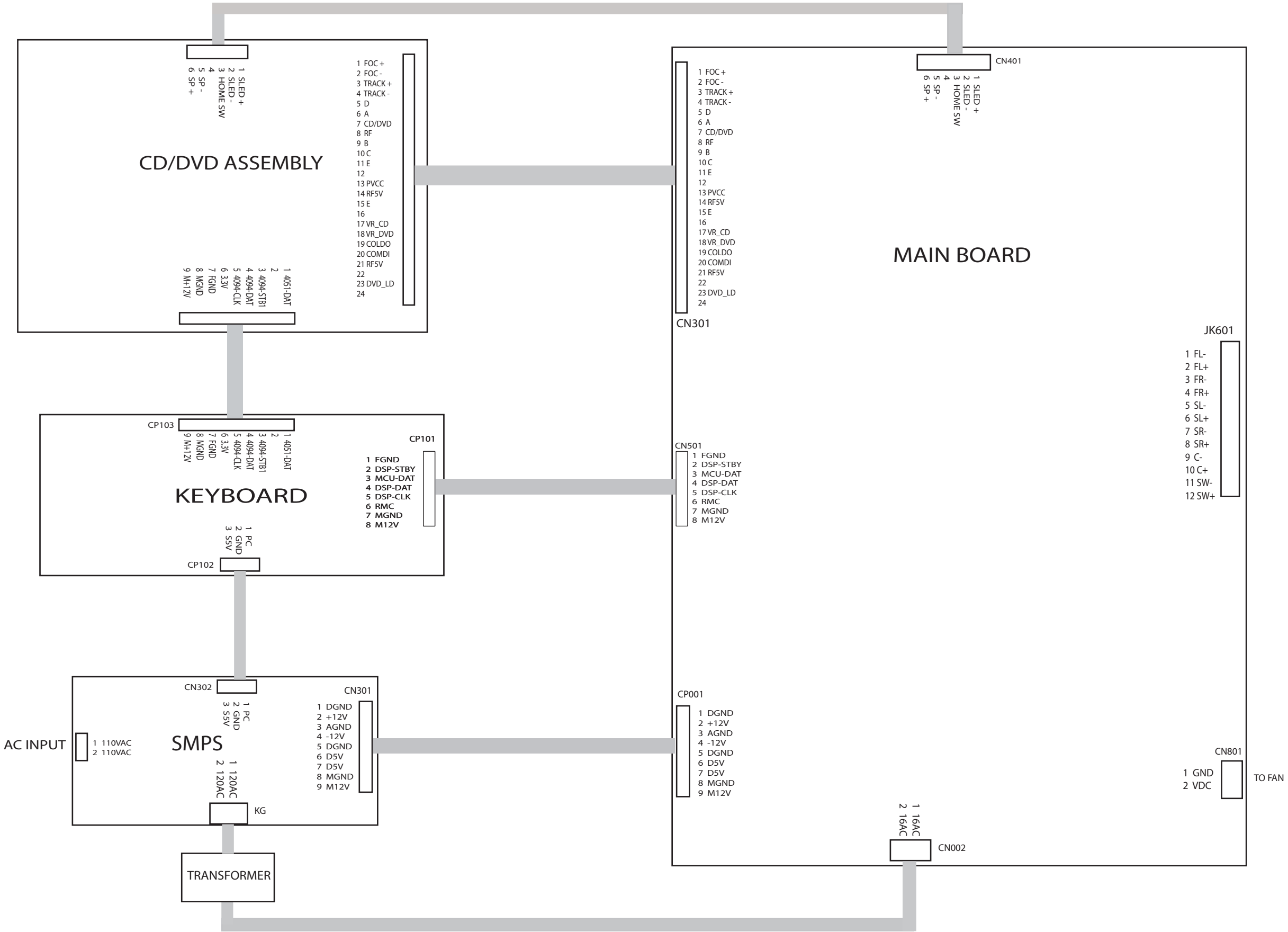


RTD205C Exploded View

610	15027140	4	SCREW 4MM 0MM	BACK PANEL -- FAN
620	15027150	2	SCREW 3MM 10MM	BACK PANEL -- JACK ON TO BE
590	15027160	2	SCREW 3MM 10MM	BACK PANEL -- JACK ON TO BE
580	15027170	2	SCREW 3MM 10MM	BACK PANEL -- COVER TOP
570	15027180	2	SCREW 3MM 10MM	BACK PANEL -- COVER TOP
560	15027190	2	SCREW 3MM 10MM	BACK PANEL -- CHASSIS BOTTOM
550	15027200	4	SCREW 3MM 0MM	CHASSIS BOTTOM -- MAIN IN
540	15027210	2	SCREW 3MM 0MM	BRACKET NETS -- NETS
530	15027220	2	SCREW 3MM 0MM	BRACKET NETS -- BRACKET NETS
520	15027230	1	SCREW 3MM 10MM	BRACKET TOP -- BACK PANEL
480	15027240	2	SCREW 3MM 0MM	TOP B -- BRACKET TOP B
470	15027250	4	SCREW 3MM 10MM	MAIN HEATFAN -- MAIN IN
460	15027260	2	SCREW 3MM 10MM	MAIN HEATFAN -- IC
450	15027270	1	SCREW 3MM 10MM	MAIN HEATFAN -- IC
440	15027280	1	SCREW 3MM 0MM	BRACKET DEVIATION -- CHASSIS BOTTOM
430	15027290	2	SCREW 3MM 0MM	STANDOFF P1 -- CHASSIS BOTTOM
410	15027300	4	SCREW 3MM 0MM	CABINET FRONT/BOTTOM -- CHASSIS BOTTOM
400	15027310	4	SCREW 3MM 0MM	CABINET FRONT -- CHASSIS BOTTOM
390	15027320	1	SCREW 3MM 0MM	CABINET FRONT -- VELCRO LOCK R
380	15027330	1	SCREW 3MM 0MM	CABINET FRONT -- VELCRO LOCK L
370	15027340	2	SCREW 3MM 0MM	CABINET FRONT -- VELCRO LOCK
360	15027350	4	SCREW 3MM 0MM	CABINET FRONT -- KEY IN
350	15027360	2	SCREW 4MM 0MM	CORNER TOP -- CHASSIS BOTTOM/DOCK
340	15027370	4	SCREW 4MM 6.0MM	KEY IN -- CHASSIS BOTTOM
330	15027380	1	SCREW 4MM 6.0MM	KEY IN -- CHASSIS BOTTOM

5	15027390	1	TO DO
6	15027400	1	BRACKET TOP B -- NETS
7	15027410	1	BUTTON FUNCTION ADS
8	15027420	1	LIGHTPIPE SIDE ADS
9	15027430	1	SPRING LOCK LEFT
10	15027440	1	SPRING LOCK RIGHT
11	15027450	1	VELCRO LOCK RIGHT P1
12	15027460	1	VELCRO LOCK LEFT P1
13	15027470	1	COVER TOP AL2
14	15027480	1	KEY IN NETS
15	15027490	1	BRACKET NETS
16	15027500	1	KEY IN NETS
17	15027510	1	KEY IN NETS
18	15027520	1	KEY IN NETS
19	15027530	1	KEY IN NETS
20	15027540	1	KEY IN NETS
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71	15028050	1	KEY IN NETS
72	15028060	1	KEY IN NETS
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RTD205C INTERCONNECT DIAGRAM



KEY PCB VOLTAGE CHART

IC100					IC102			IC103			Q102	
PIN #	DC VOLTS		PIN #	DC VOLTS	PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS
1	3.4		17	1.7	1	0.0		1	0.0		E	0.0
2	3.4		18	1.7	2	0.0		2	4.0		B	0.68
3	4.0		19	4.0	3	0.0		3	0.0		C	0.02
4	4.0		20	4.0	4	1.3		4	0.0		Q103	
5	4.0		21	4.0	5	1.4		5	0.0		E	0.0
6	4.0		22	4.0	6	4.0		6	4.0		B	0.02
7	0.48		23	0.0	7	4.0		7	1.5		C	4.0
8	0.0		24	0.01	8	0.0		8	0.0			
9	0.0				9	4.0		9	4.0			
10	0.0				10	4.0		10	4.0			
11	0.0				11	4.0		11	4.0			
12	3.3				12	1.4		12	4.0			
13	4.0				13	1.4		13	4.0			
14	3.9				14	1.4		14	1.3			
15	4.0				15	4.0		15	4.0			
16	4.0				16	4.0		16	4.0			

MAIN PCB VOLTAGE CHART

IC001			IC002			IC201			IC202			IC401						IC501	
PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS
1	2.0		1	2.4		1	0.0		1	-0.02		1	1.7		17	2.5		1	0.0
2	3.3		2	0.0		2	0.0		2	-0.02		2	5.1		18	2.5		2	0.0
3	5.1		3	26.3		3	0.0		3	-0.02		3	1.8		19	5.1		3	0.0
						4	0.0		4	-12.3		4	1.5		20	1.3		4	0.0
						5	0.0		5	-0.02		5	1.8		21	5.1		5	3.4
						6	0.0		6	-0.02		6	0.03		22	0.0		6	3.4
						7	-6.7		7	-0.02		7	0.03		23	1.7		7	0.0
						8	0.0		8	10.4		8	5.1		24	5.1		8	5.1
						9	0.0					9	0.0		25	5.1			
						10	5.7					10	0.0		26	1.6			
						11	0.0					11	1.8		27	1.6			
						12	0.0					12	3.1		28	3.3			
						13	0.0					13	2.4						
						14	0.0					14	2.5						
						15	0.0					15	2.4						
						16	5.7					16	2.4						

MAIN PCB VOLTAGE CHART

IC502																																								
PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS						
1	0.99		17	2.4		33	2.0		49	0.0		65	1.3		81	1.1		97	3.2		113	1.8		129	0.0		145	1.8		161	1.0		177	1.6		193	1.4		209	3.2
2	0.98		18	0.0		34	1.7		50	0.0		66	3.3		82	1.1		98	3.1		114	0.0		130	0.1		146	0.43		162	0.89		178	0.0		194	3.3		210	3.3
3	1.2		19	0.0		35	1.7		51	3.3		67	3.3		83	0.0		99	0.0		115	0.95		131	0.1		147	1.6		163	0.94		179	0.0		195	1.2		211	1.7
4	2.1		20	3.3		36	1.7		52	0.94		68	3.3		84	3.2		100	2.3		116	0.02		132	3.3		148	0.53		164	1.6		180	1.6		196	0.0		212	1.3
5	1.0		21	2.5		37	2.8		53	3.3		69	3.0		85	0.0		101	0.14		117	0.03		133	1.9		149	0.93		165	1.5		181	0.98		197	3.2		213	0.0
6	2.1		22	0.22		38	2.8		54	0.0		70	3.3		86	1.8		102	1.7		118	0.09		134	1.1		150	0.0		166	1.5		182	0.02		198	0.0		214	1.3
7	2.1		23	0.22		39	1.5		55	0.0		71	5.1		87	0.56		103	0.65		119	0.11		135	2.3		151	1.4		167	3.2		183	2.2		199	2.6		215	0.93
8	2.1		24	3.3		40	0.03		56	1.8		72	3.3		88	1.8		104	0.94		120	0.09		136	3.3		152	1.2		168	0.01		184	0.6		200	1.6		216	2.4
9	2.1		25	2.1		41	3.3		57	0.98		73	3.2		89	1.9		105	1.8		121	1.8		137	1.9		153	1.9		169	2.5		185	0.59		201	1.7			
10	2.2		26	1.7		42	0.0		58	3.3		74	3.3		90	1.7		106	1.3		122	0.1		138	0.57		154	0.15		170	0.82		186	1.2		202	1.7			
11	2.3		27	1.6		43	1.7		59	1.6		75	0.0		91	1.5		107	1.2		123	2.7		139	1.2		155	0.15		171	0.0		187	0.82		203	1.7			
12	2.3		28	1.4		44	0.0		60	0.0		76	0.0		92	3.3		108	1.2		124	2.7		140	0.97		156	3.1		172	1.2		188	3.3		204	1.5			
13	0.0		29	0.0		45	0.0		61	1.6		77	1.6		93	1.3		109	1.3		125	0.0		141	3.2		157	0.15		173	3.3		189	0.0		205	1.7			
14	0.99		30	0.0		46	3.1		62	0.0		78	0.0		94	1.3		110	1.2		126	0.03		142	0.0		158	1.2		174	1.2		190	3.3		206	1.5			
15	0.95		31	1.5		47	1.5		63	1.3		79	0.0		95	1.2		111	0.02		127	0.04		143	1.8		159	1.2		175	1.2		191	0.0		207	1.7			
16	2.4		32	2.1		48	1.7		64	3.3		80	3.2		96	3.2		112	3.3		128	0.0		144	2.9		160	1.4		176	3.3		192	0.77		208	1.7			

MAIN PCB VOLTAGE CHART

IC503						IC504				IC505						IC506				IC601						IC602					
PIN #	DC VOLTS		PIN #	DC VOLTS		PIN #	DC VOLTS			PIN #	DC VOLTS			PIN #	DC VOLTS			PIN #	DC VOLTS			PIN #	DC VOLTS			PIN #	DC VOLTS			PIN #	DC VOLTS
1	3.3		33	0.03		1	2.3			1	2.4			33	1.5			1	1.8			33	1.6			1	0.0			33	0.0
2	1.2		34	0.02		2	0.0			2	0.92			34	0.85			2	3.3			34	1.6			2	1.6			34	0.0
3	3.3		35	0.0		3	5.2			3	1.1			35	0.81			3	0.0			35	1.6			3	10.5			35	18.6
4	1.3		36	0.0		4	3.3			4	2.4			36	0.81			4	0.0			36	1.6			4	10.4			36	37.3
5	1.3		37	0.96		5	0.0			5	0.89			37	3.3			5	0.81			37	1.6			5	1.6			37	28.1
6	0.0		38	1.8		6	1.6			6	1.2			38	0.0			6	0.0			38	1.6			6	1.6			38	28.2
7	1.6		39	3.3		7	1.6			7	0.97			39	0.82			7	0.0			39	1.6			7	3.3			39	37.3
8	1.7		40	0.0		8	1.6			8	0.57			40	1.6			8	1.6							8	3.3			40	18.6
9	3.3		41	0.0		9	0.0			9	0.0			41	0.81			9	3.3							9	0.0			41	0.0
10	1.9		42	1.2		10	0.0			10	0.0			42	0.44			10	0.0							10	0.0			42	18.6
11	1.8		43	3.3		11	3.3			11	3.3			43	0.83			11	2.7							11	0.0			43	37.3
12	0.0		44	1.3		12	3.3			12	0.0			44	1.8			12	0.0							12	0.0			44	28.1
13	0.6		45	1.2		13	1.7			13	0.0			45	0.15			13	3.3							13	3.2				
14	3.3		46	0.0		14	1.3			14	0.0			46	0.0			14	3.3							14	1.1				
15	2.7		47	1.2						15	0.78			47	0.0			15	0.0							15	3.2				
16	3.2		48	1.3						16	0.0			48	1.9			16	3.3							16	0.0				
17	3.2		49	3.3						17	0.78							17	0.1							17	1.6				
18	3.1		50	0.92						18	1.7							18	3.3							18	1.6				
19	2.3		51	0.67						19	0.91							19	3.3							19	1.6				
20	0.14		52	0.0						20	1.3							20	3.3							20	1.6				
21	0.0		53	0.0						21	1.2							21	0.0							21	0.0				
22	0.03		54	0.0						22	1.3							22	1.2							22	1.2				
23	0.04									23	0.16							23	0.0							23	0.0				
24	0.04									24	3.1							24	1.2							24	1.2				
25	0.07									25	0.16							25	1.2							25	1.2				
26	0.09									26	3.1							26	1.2							26	1.2				
27	3.3									27	0.0							27	3.2							27	3.2				
28	0.0									28	2.9							28	0.0							28	0.0				
29	0.1									29	1.8							29	0.0							29	0.0				
30	0.09									30	0.86							30	1.8							30	1.8				
31	0.1									31	1.1							31	3.3							31	3.3				
32	0.09									32	0.0							32	3.3							32	3.3				

