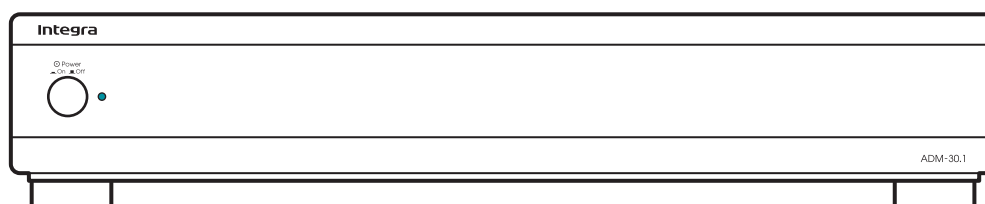


Integra SERVICE MANUAL

2 CHANNEL AMPLIFIER MODEL ADM-30.1 (B)



Black model

BMDD	120V AC 60Hz
BMMA	220-240V AC 50/60Hz

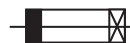
SAFETY-RELATED COMPONENT WARNING!!

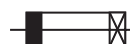
COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

SERVICE PROCEDURE

1. Replacing the fuses

 This symbol located near the fuse indicates that the fuse used is slow operating type. For continued protection against fire hazard, replace with same type fuse. For fuse rating, refer to the marking adjacent to the symbol.

 Ce symbole indique que le fusible utilisé est à lent. Pour une protection permanente, n'utiliser que des fusibles de même type. Ce dernier est indiqué là où le présent symbole est apposé.

REF.NO.	PART NAME	DESCRIPTION	Q'TY	PART NO.	REMARKS	<Notes>
F901	FUSE	3.15A-UL/T-233	1	252323GR	 <DC>	<DD> : North American model
F901	FUSE	1.25A-SE-EAWK	1	252071GR	 <MA>	<MA> : Australian model

2. Setting position before shipment.

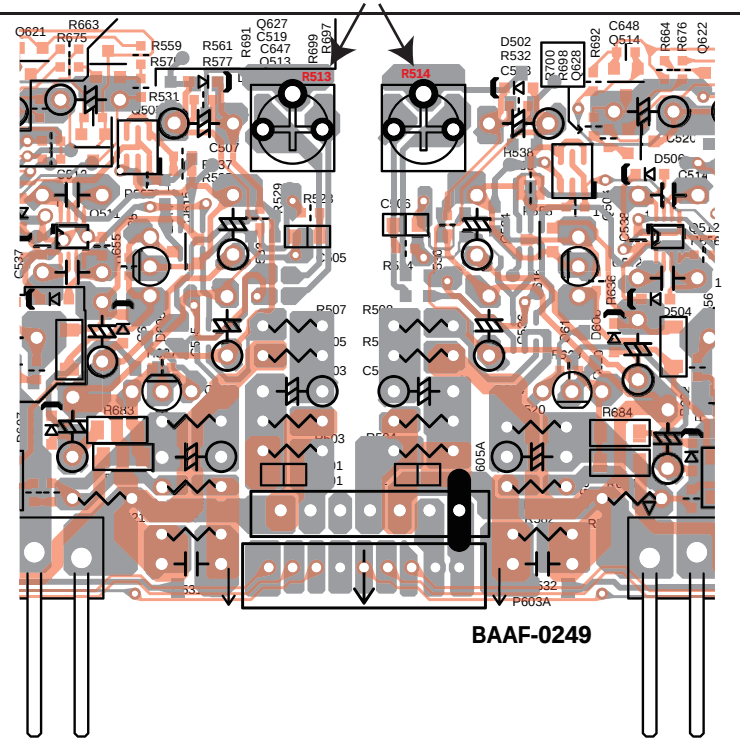
- (1) Power Switch : OFF
- (2) Input Level : MAX.
- (3) Audio Sens. Level : MAX.
- (4) Audio Sens. : OFF
- (5) 12 V Trigger : OFF

ADJUSTMENT PROCEDURE

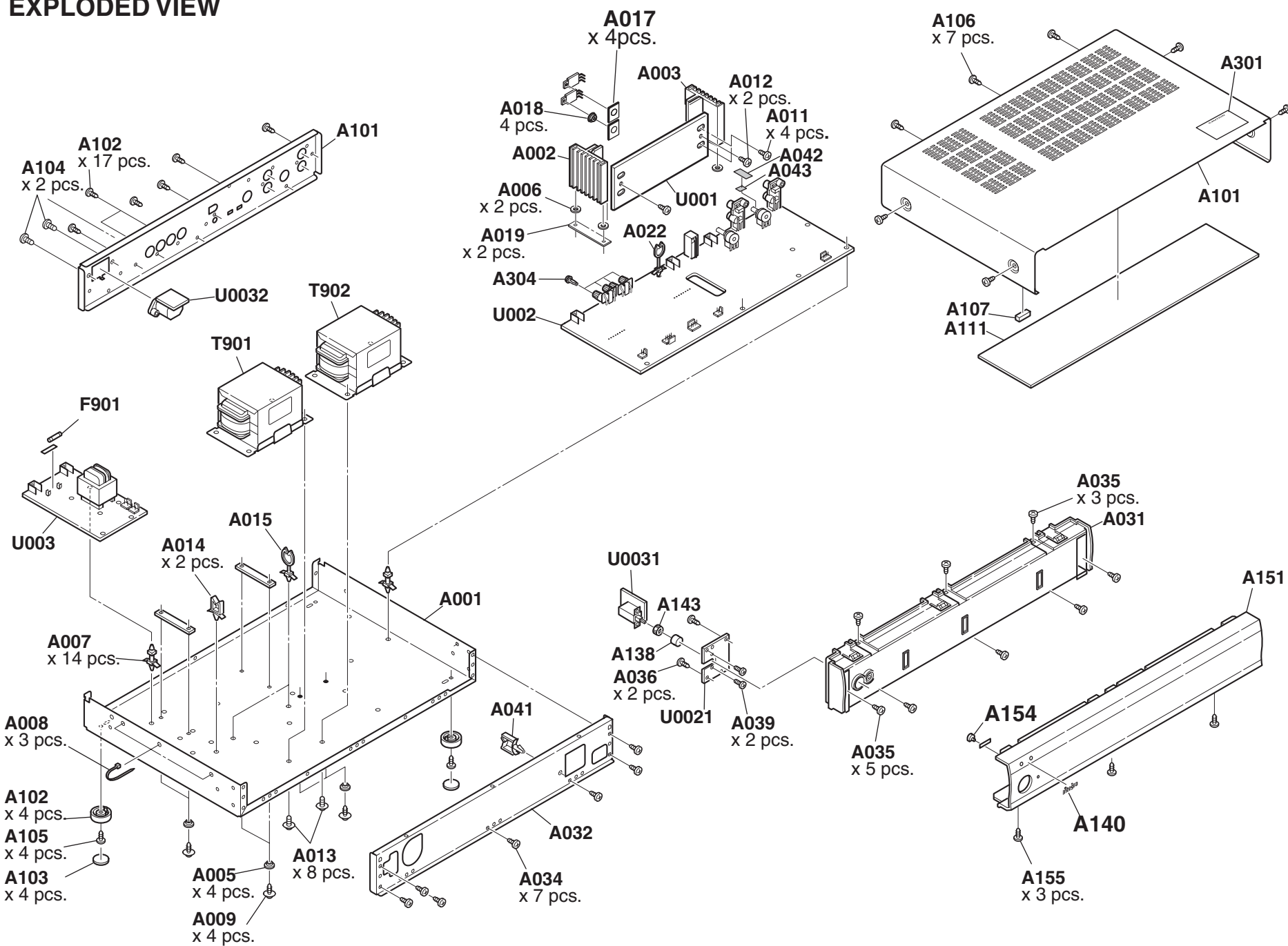
OUTPUT OFFSET VOLTAGE

Conditions: Non load, no signal.

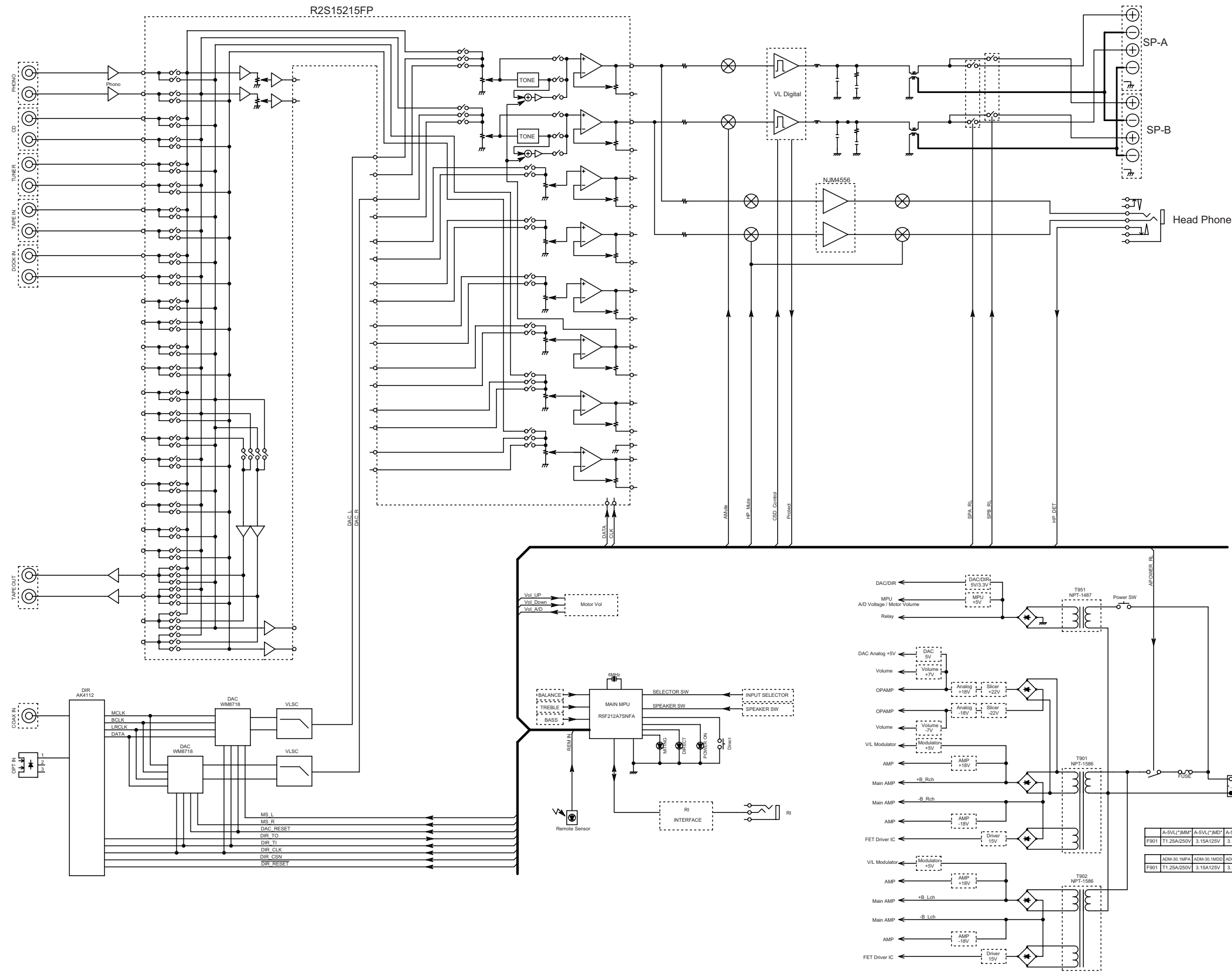
1. Set the voltage at L-ch speaker terminal to 0mV +/- 10mVDC by adjusting R513 of BAAF-0249.
Same as R514 (R-ch).
2. After 2 minutes, set the voltage at speaker terminal to 0mV +/- 10mV again.



EXPLODED VIEW



BLOCK DIAGRAM-1
(PART-1)



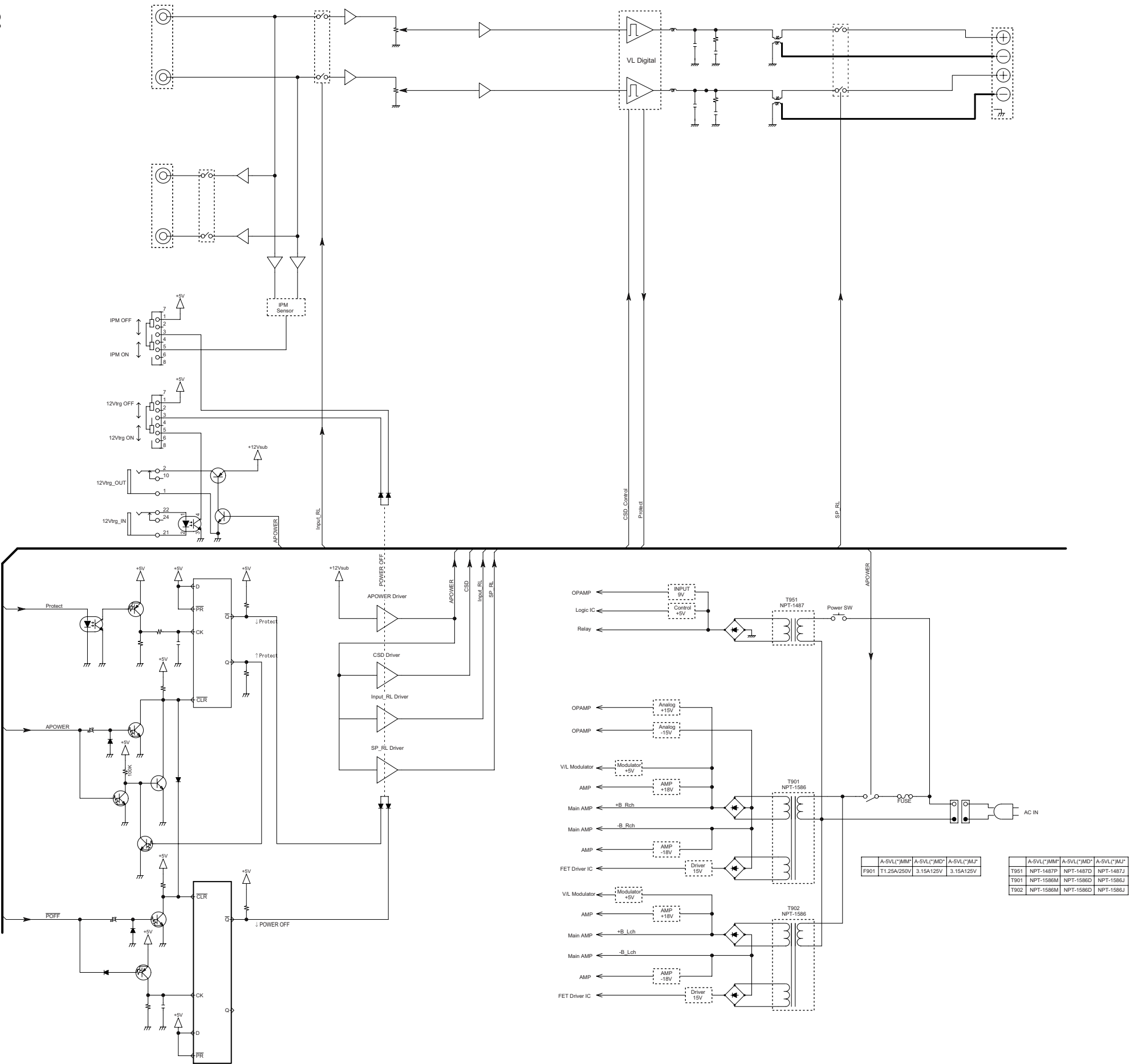
	A-5VL("MM")	A-5VL("MD")	A-5VL("MU")
F901	T1.25A/250V	3.15A/125V	3.15A/125V
ADM-30.1M/A	ADM-30.1M/D	ADM-30.1M/U	
F901	T1.25A/250V	3.15A/125V	3.15A/125V

	A-5VL("MM")	A-5VL("MD")	A-5VL("MU")
T951	NPT-1487P	NPT-1487D	NPT-1487J
T901	NPT-1586M	NPT-1586D	NPT-1586J
T902	NPT-1586M	NPT-1586D	NPT-1586J

	ADM-30.1MPA	ADM-30.1MDD	ADM-30.1MJJ
T951	NPT-1487P	NPT-1487D	NPT-1487J
T901	NPT-1586M	NPT-1586D	NPT-1586J
T902	NPT-1586M	NPT-1586D	NPT-1586J

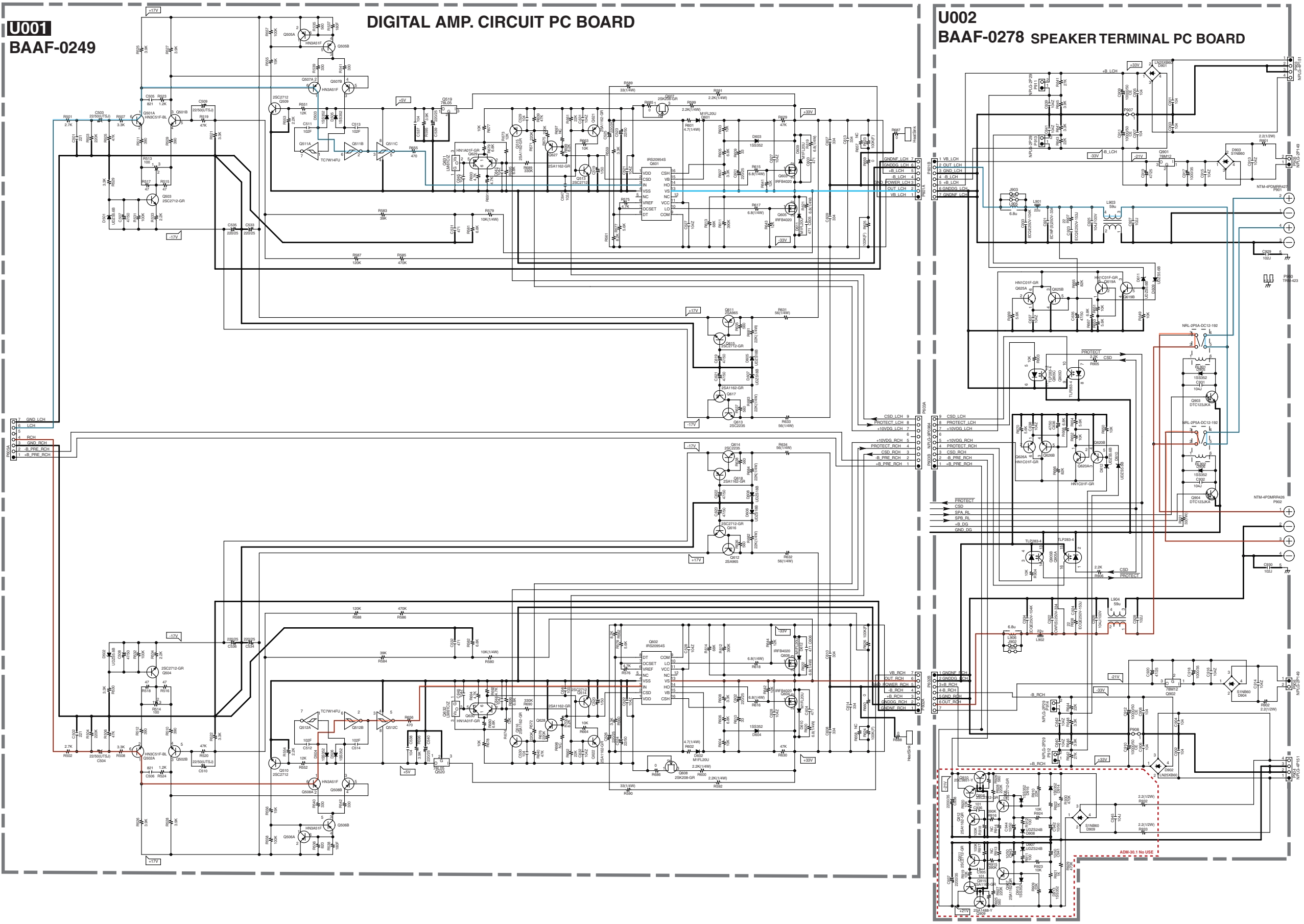
BLOCK DIAGRAM-2

(PART-2)



SCHEMATIC
DIAGRAM-1

DIGITAL AMP.
SECTION
(PART-3)



A

B

C

D

E

F

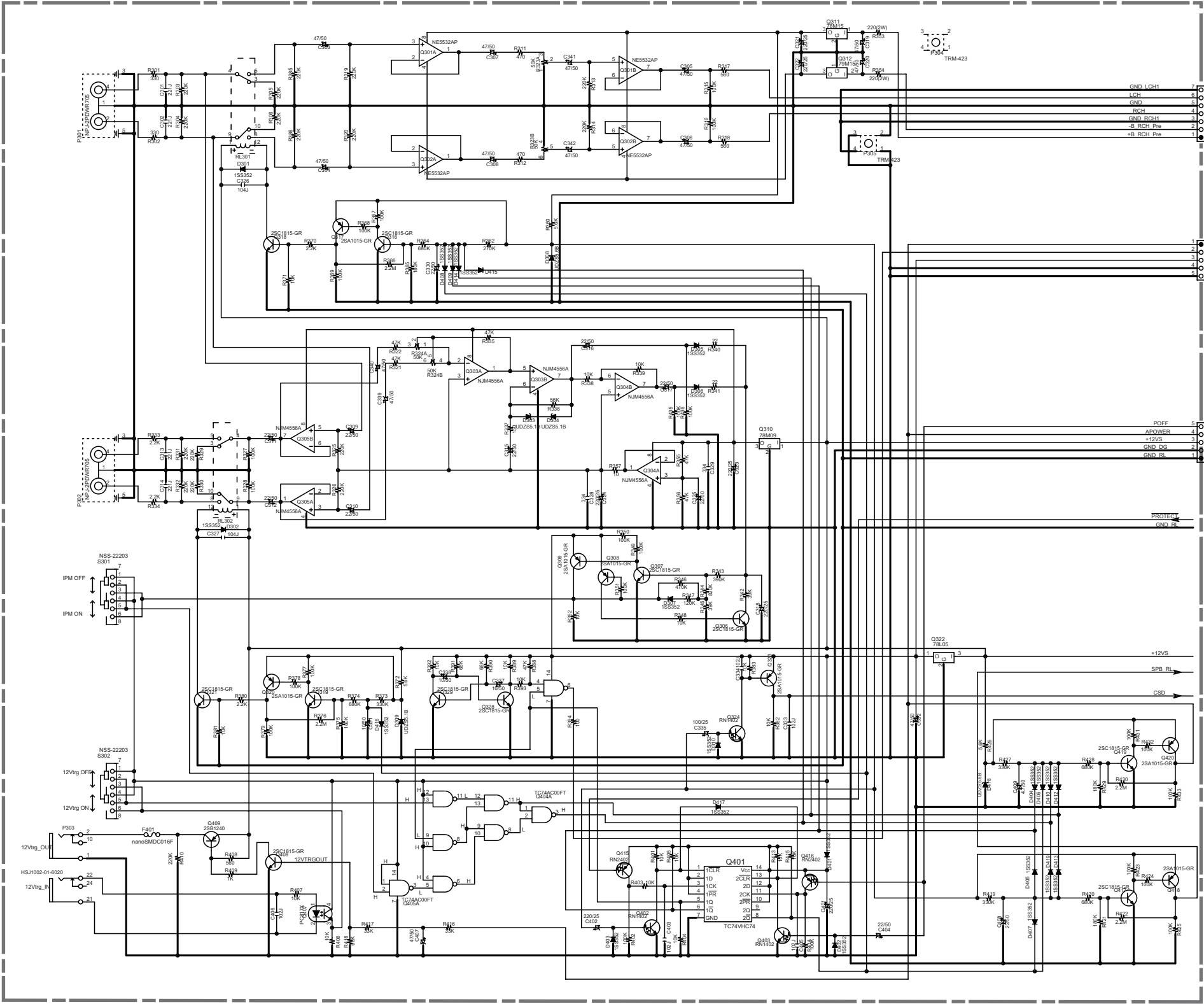
G

H

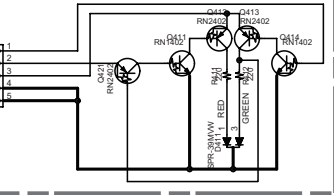
SCHEMATIC DIAGRAM-2

(PART-6)

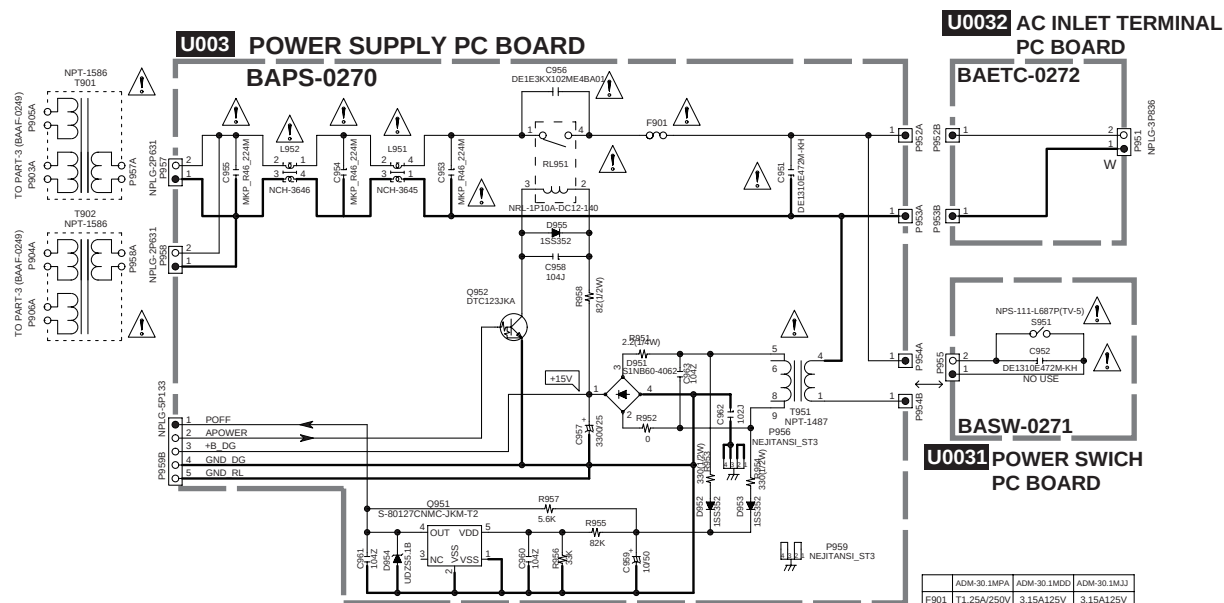
U002 SPEAKER TERMINAL PC BOARD BAAF-0278



U0021 POWER INDICATOR
PC BOARD
BAETC-0279



SCHEMATIC DIAGRAM-3



THIS SYMBOL LOCATED NEAR THE FUSE INDICATES THAT THE FUSE USED IS SLOW OPERATING TYPE FOR CONTINUED PROTECTION AGAINST FIRE FUSE HAZARD, REPLACE WITH SAME TYPE FUSE. FOR FUSE RATING REFER TO THE MAKING ADJACENT TO THE SYMBOL



CE SYMBOLE INDIQUE QUE LE FUSIBLE UTILISE EST A LENT, E POUR UNE PROTECTION PERMANENTE, N'UTILISEZ QUE DES FUSIBLES DE MEME TYPE. CE DARNIER EST INDIQUE LA OU LE PRESENT SYMBOL EST APPOSE.

NOTE E

- THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
- VOLTAGE (MEASURED WITH VOLT METER) IS DC VOLTAGE. (NO INPUT SIGNAL).
- ELECTROLYTIC CAPACITORS () ARE IN μF /V.W.
 - ALL CAPACITORS ARE IN μF /50V UNLESS OTHERWISE NOTED.
- EX) 030-30p 330-33pF 331-330pF 333-0.033 μF
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

CAUTION



FOR CONTINUED PROTECTION
AGAINST FIRE HAZARD, REPLACE
ONLY WITH FUSE OF SAME TYPE
AND RATING INDICATED.

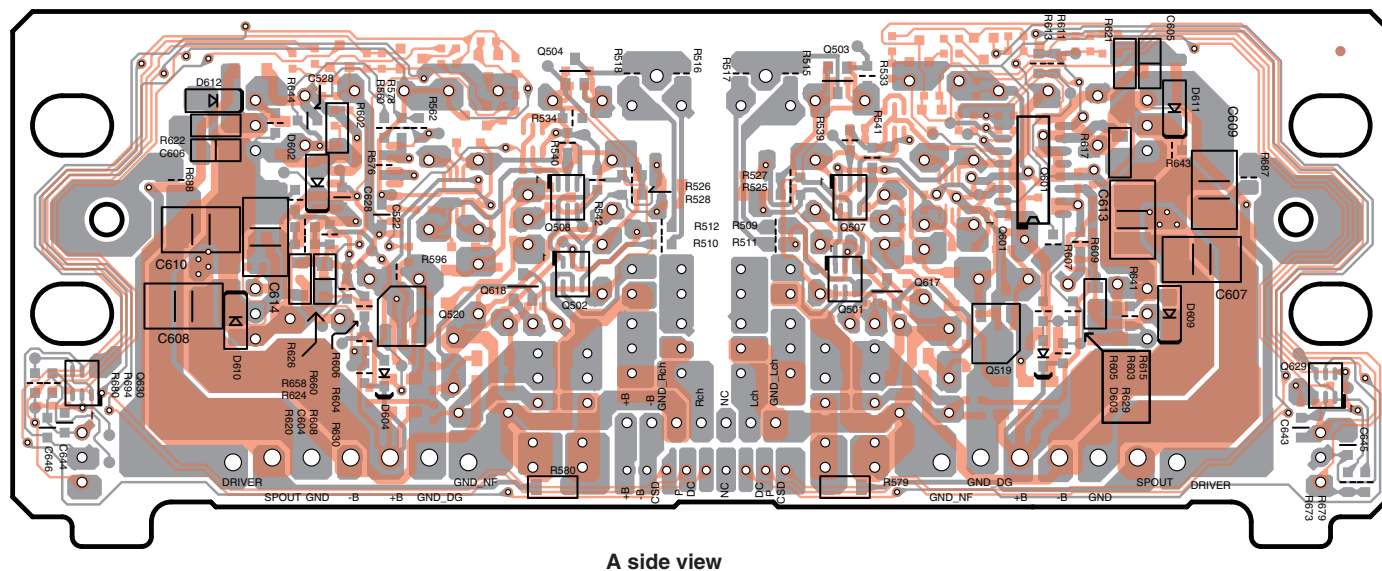
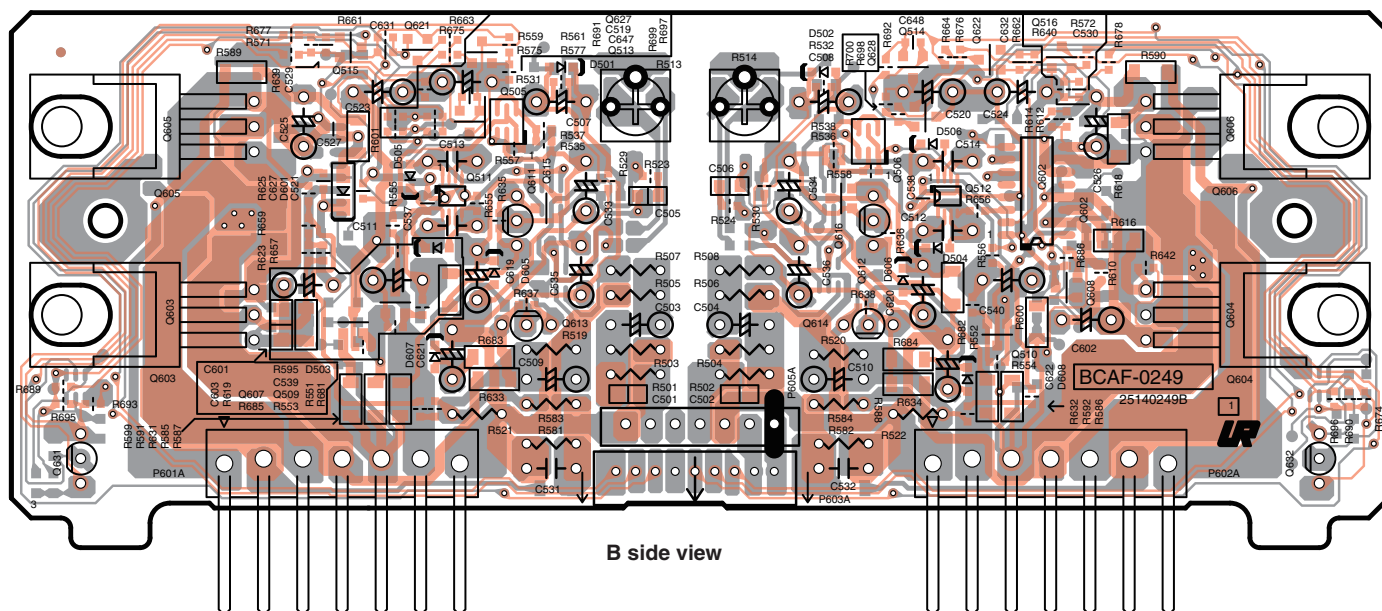
ATTENTION



AFIN D'ASSURER UNE PROTECTION
PERMANENTE CONTRE LES RISQUES
D'INCENDIE, REMPLACER UNIQUEMENT
PAR UN FUSIBLE DE MEME TYPE
ET CALIBRATION COMME INDIQUE.

PRINTED CIRCUIT BOARD VIEW-1

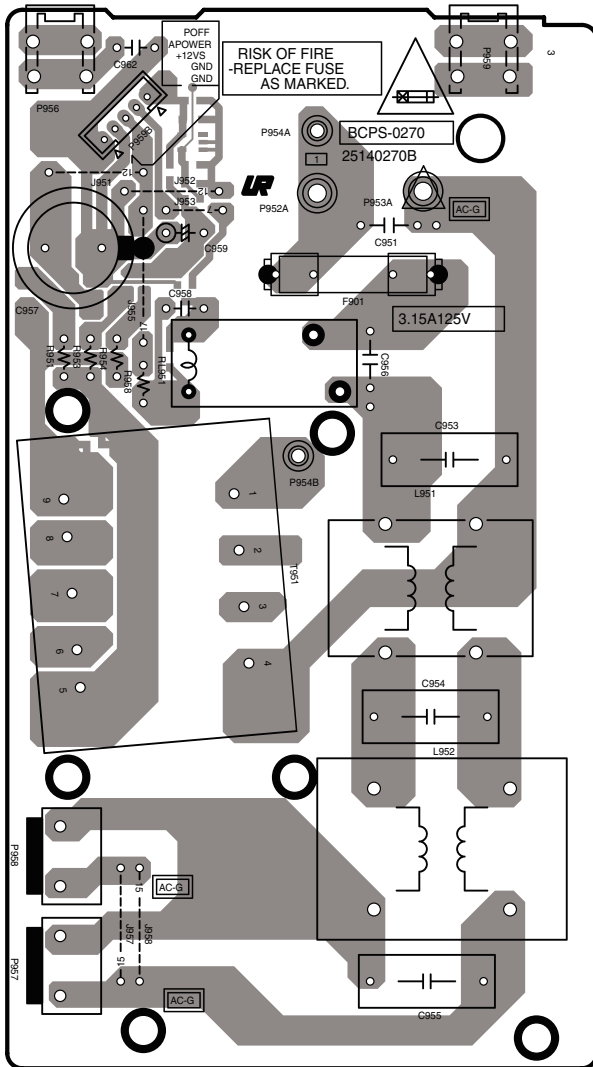
U001: DIGITAL INPUT CIRCUIT PC BOARD BAAF-0249



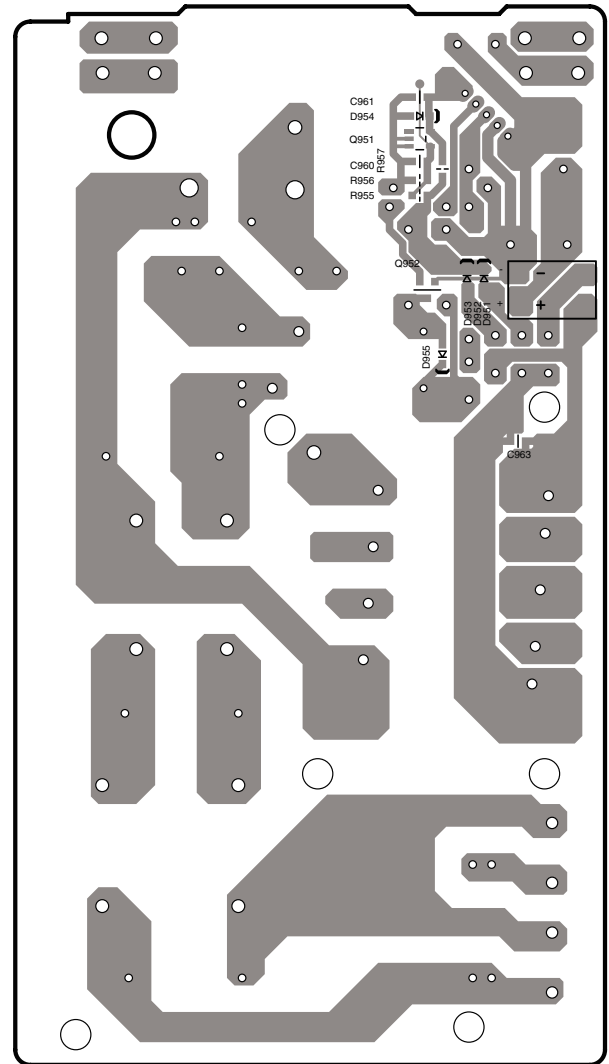
A side pattern
 B side pattern

PRINTED CIRCUIT BOARD VIEW-2

U003 : POWER SUPPLY PC BOARD
BAPS-0270

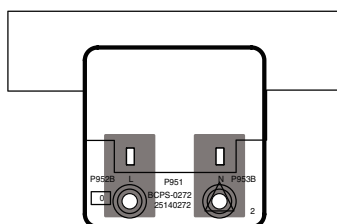


Component side view from soldering side



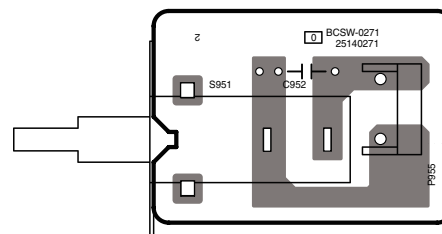
Soldering side view from component side

U0032 : AC INLET TERMINAL PC BOARD
BAETC-0272



Component side view from soldering side

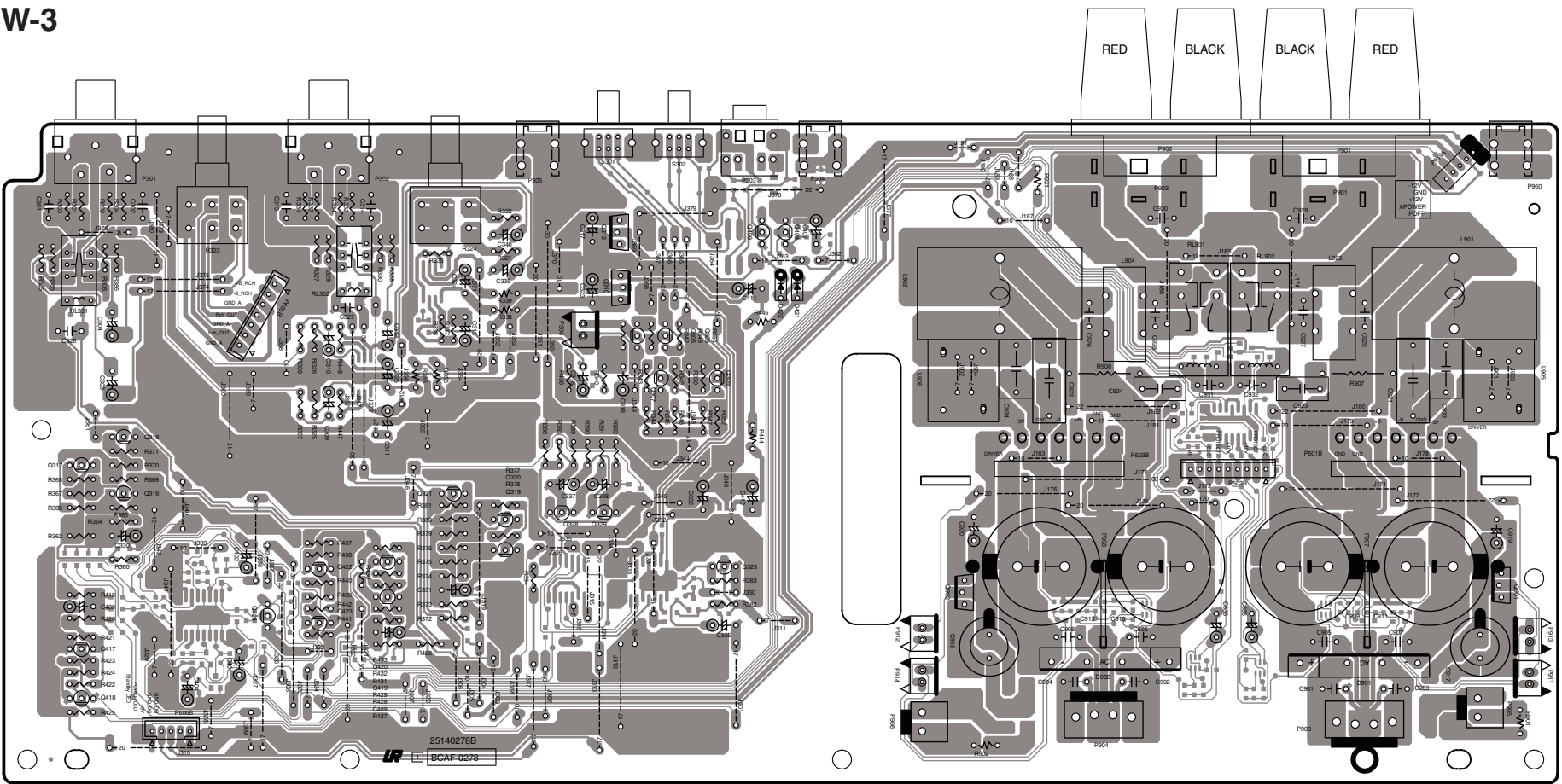
U0031 : POWER SWITCH PC BOARD
BASW-0271



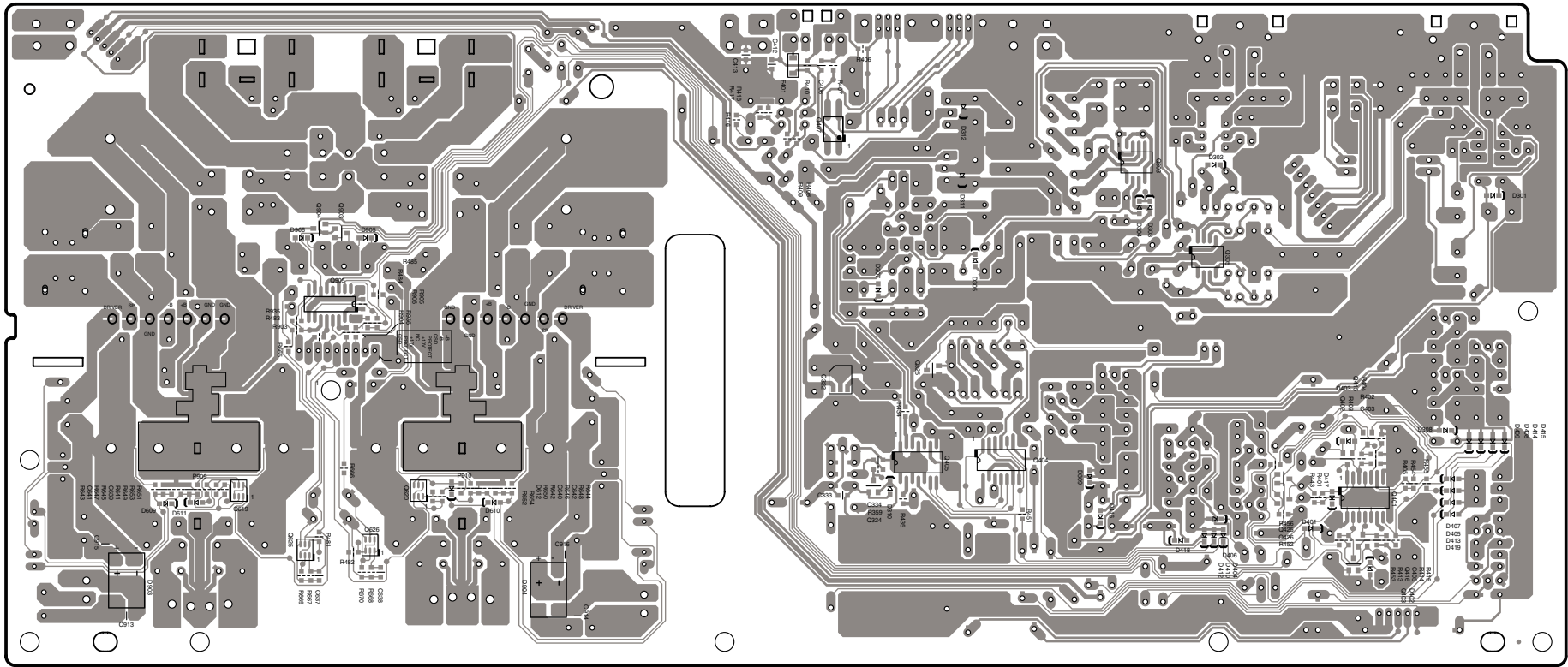
Component side view from soldering side

PRINTED CIRCUIT BOARD VIEW-3

U002 : SPEAKER TERMINAL
PC BOARD
BAAF-0278



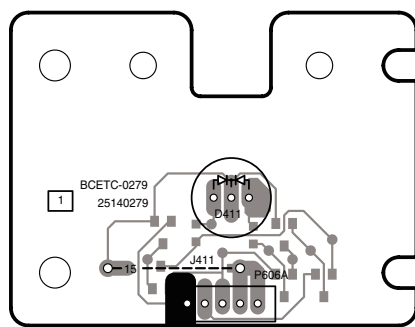
Component side view from soldering side



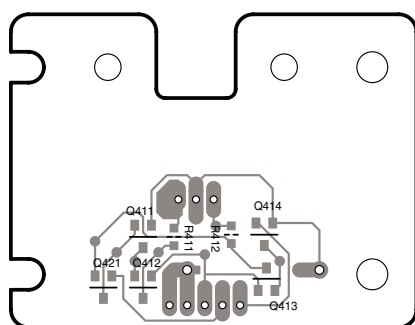
Soldering side view from component side

PRINTED CIRCUIT BOARD VIEW-4

U0021 : POWER INDICATOR PC BOARD
BAETC-0279



Soldering side view from component side



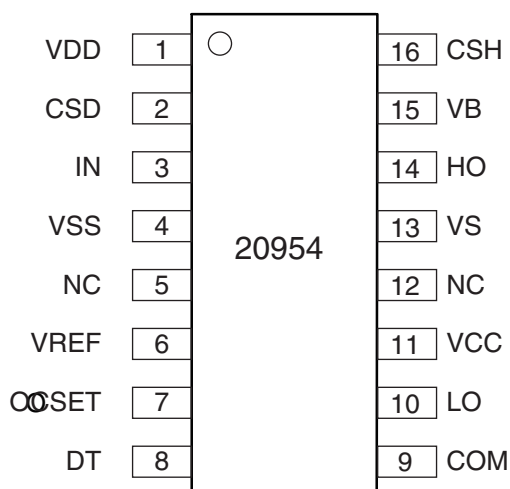
Component side view from soldering side

IC BLOCK DIAGRAM/ TERMINAL DESCRIPTION

Q601/Q602: IRS20954S DIGITAL AUDIO DRIVER-1

LEAD DEFINITIONS

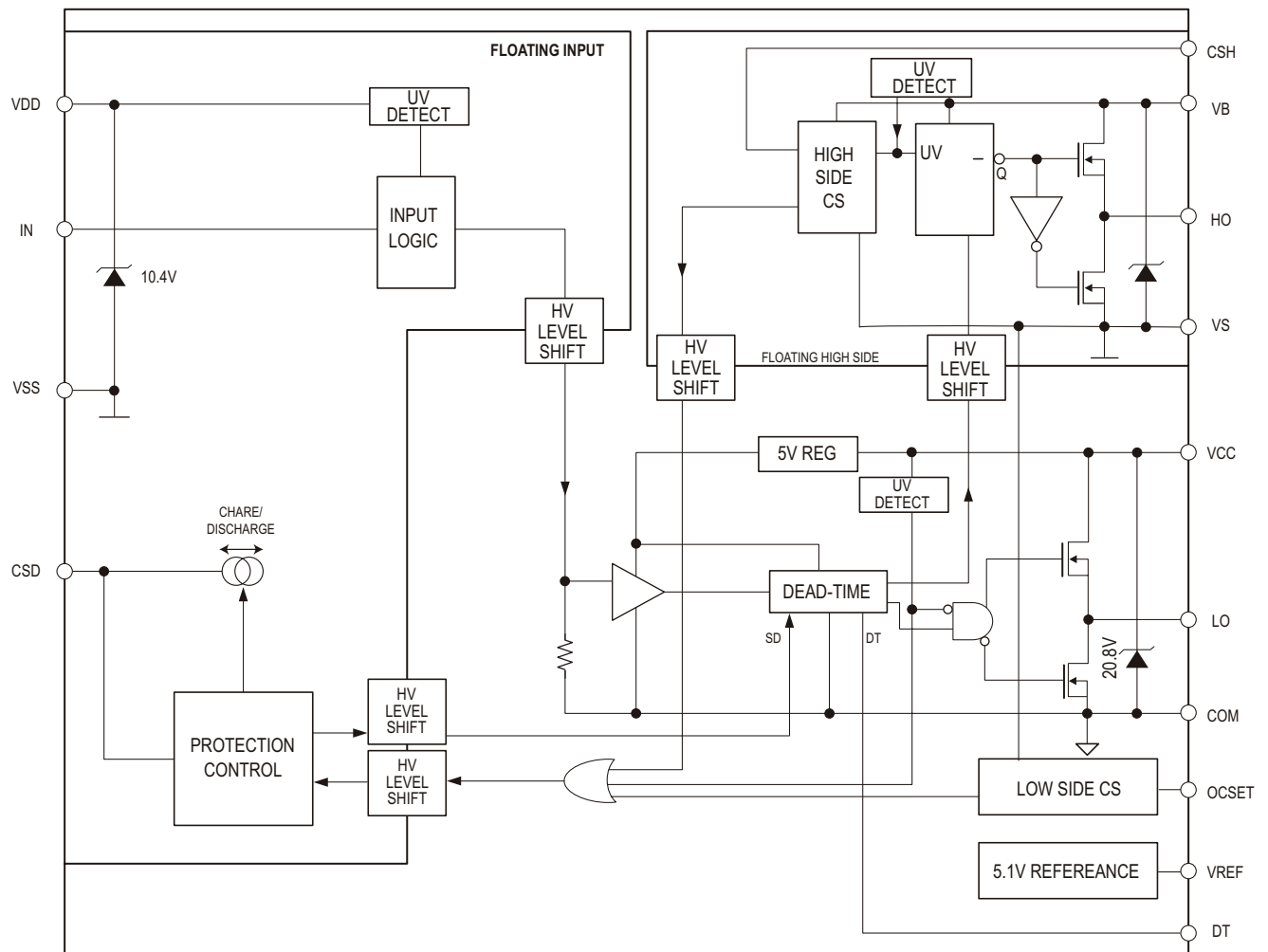
Pin #	Symbol	Description
1	VDD	Floating input positive supply
2	CSD	Shutdown timing capacitor, referenced to VSS
3	IN	PWM non-inverting input, in phase with HO
4	VSS	Floating input supply return
5	NC	
6	VREF	5V reference output for setting OCSET
7	OCSET	Low-side over-current threshold setting, reference to COM
8	DT	Input for programable deadtime, reference to COM
9	COM	Low-side supply return
10	LO	Low-side output
11	VCC	Low-side logic supply
12	NC	
13	VS	High-side floating supply return
14	HO	High-side output
15	VB	High-side floating supply
16	CSH	High-side over-current sensing input, reference to VS



IC BLOCK DIAGRAM/ TERMINAL DESCRIPTION

Q601/Q602: IRS20954S DIGITAL AUDIO DRIVER-2

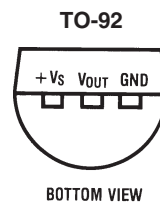
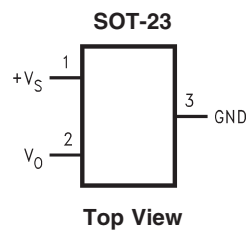
BLOCK DIAGRAM

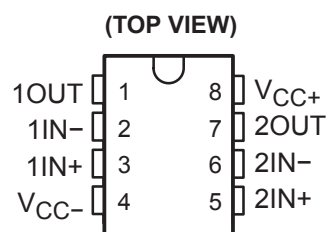


IC BLOCK DIAGRAM/TERMINAL DESCRIPTION

Q631/ Q632: LM61CIZ (TEMPERATURE SENSOR)

Connection Diagram

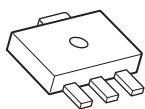


IC BLOCK DIAGRAM/TERMINAL DESCRIPTION**Q303/ Q305 : NE5532APSR (OPE. AMP.)**

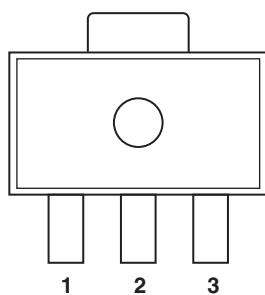
IC BLOCK DIAGRAM/TERMINAL DESCRIPTION

Q519/Q520/Q322 : NJM78L05UA (VOLTAGE REGULATOR)

PIN CONFIGURATION



PIN DESCRIPTION

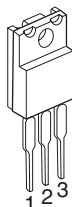


- 1. OUTPUT
- 2. GND
- 3. INPUT

IC BLOCK DIAGRAM/ TERMINAL DESCRIPTION

Q310 : NJM78MxxFA 3-TERMINAL VOLTAGE REGULATOR

PIN CONFIGURATION

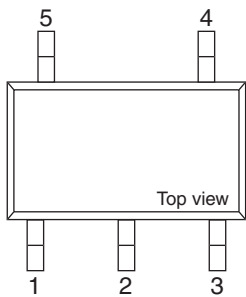


1. Input
2. GND.
3. Output

IC BLOCK DIAGRAM/ TERMINAL DESCRIPTION

Q951: S-80127CNMC-JKM VOLTAGE DETECTOR
(12.7V N-ch open drain, Active L: out)

PIN CONFIGURATION

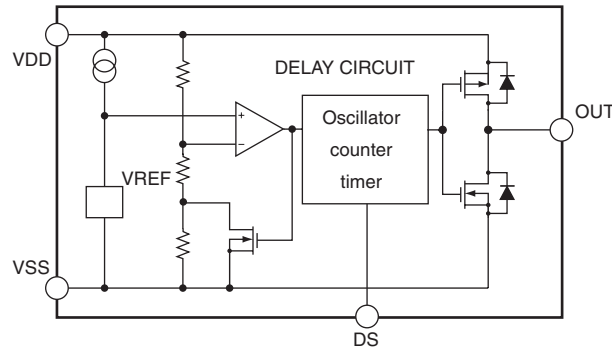


PIN DESCRIPTION

No.	Symbol	Description
1	DS	ON/OFF switch for delay time
2	VSS	GND
3	NC ^{*1}	Non-connection
4	OUT	Voltage detection output pin
5	VDD	Voltage input pin

*1. NC pin is electrically open.

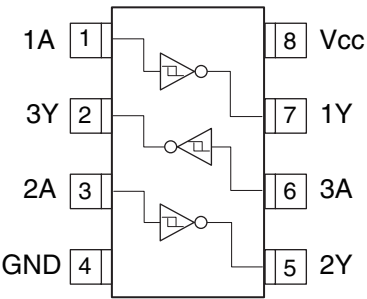
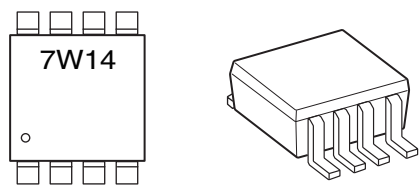
BLOCK DIAGRAM



IC BLOCK DIAGRAM/ TERMINAL DESCRIPTION

Q511/Q512: TC7W14FU SCHMITT INVERTER

PIN ASSIGNMENT (TOP VIEW)



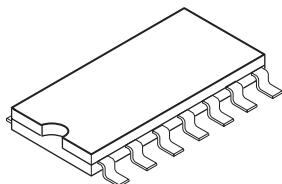
TRUTH TABLE

A	Y
L	H
H	L

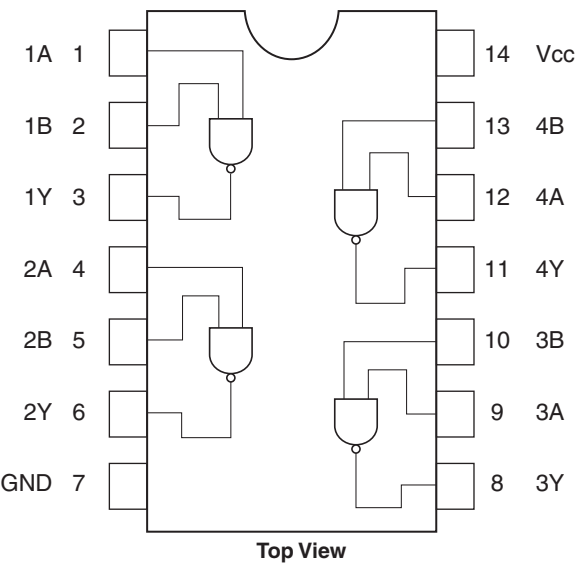
IC BLOCK DIAGRAM/TERMINAL DESCRIPTION

Q404/ Q405: TC74HC00AF (QUAD 2-INPUT NAND GATE)

PACKAGE INFO.



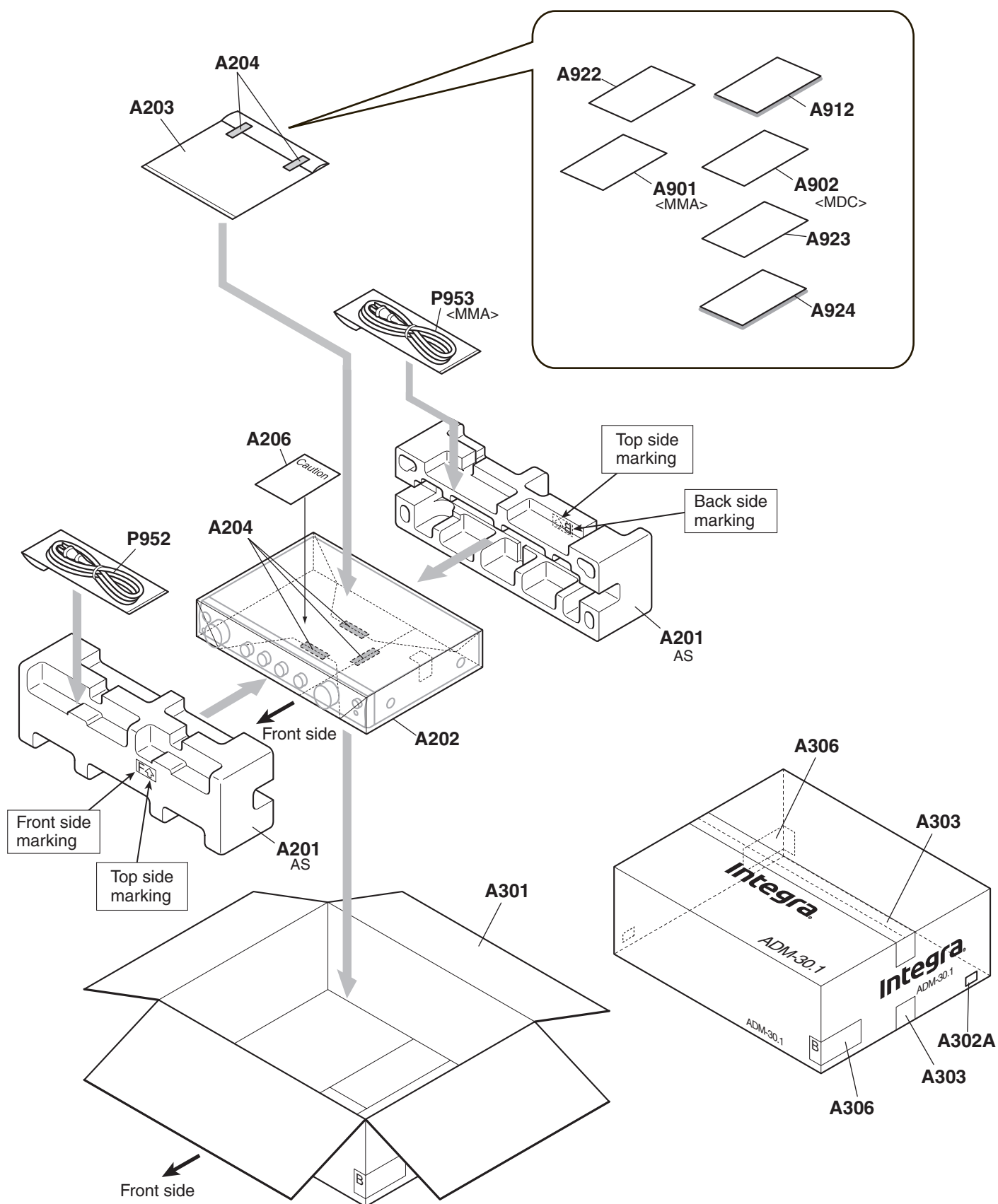
PIN DESCRIPTION



TRUTH TABLE

A	B	Y
L	L	H
L	H	H
H	L	H
H	H	L

PACKING PROCEDURE



PARTS LIST

ADM-30.1

NOTE:

THE COMPONENTS IDENTIFIED BY MARK ! ARE
CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK.
REPLACE ONLY WITH PART NUMBER SPECIFIED.

MDD : North American model
MMA : Australian model

EXPLODED VIEW PARTS LIST

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[TRANS COIL]					
T901	P TRANS	NPT-1586D	1	2301963	B MDD !
T901	P TRANS	NPT-1586M	1	2301964	B MMA !
T902	P TRANS	NPT-1586D	1	2301963	B MDD !
T902	P TRANS	NPT-1586M	1	2301964	B MMA !
[SW TRM]					
F901	FUSE	1.25A-SE-EAWK FUSE	1	252071GR	B MMA !
F901	FUSE	3.15A-UL/T-233	1	252323GR	B MDD !
[CHASSIS SCREW]					
A001	CHASSIS	---	1	27100534B	
A002	HEAT SINK	(L)	1	27160639A	
A003	HEAT SINK	(R)	1	27160640A	
A005	SPACER	(HO)	4	27270525	
A006	SPACER	T0.5*Φ8*Φ3.5	4	27270463	
A007	HOLDER	KGLS-6S	14	27190011	
A008	WIRE TIE	BSK-1	3	260208	
A009	SCREW	3TTW+8B(3BC)	4	831430088GR	
A011	SCREW	3P+6FN(3BC)	4	82143006GR	
A012	SCREW	3P+10FN(3BC)	2	82143010GR	
A013	SCREW	4TTC+8C(3BC)	8	830440089GR	
A014	CLAMP	HL-18-0	2	27301394	
A015	CLAMP	WS-2NS	1	27300833	
A017	ISO SHEET	M80 D-2	4	223037	

A018	TR ACCY	AC316A	4	223033	
A019	SHEET	(H)	2	29096096	
A022	CLAMP	HL-28-0	1	27301396	
A031	F BRACKET	(B)	1	27111555A	N
A032	BRACKET	(F)	1	27131066	
A034	SCREW	3TTB+8B(3CM)SR	7	801637	
A035	SCREW	3TTB+8B(3CM)SR	8	801637	
A036	SCREW	3TTB+8B(3CM)SR	2	801637	
A039	SCREW	3P+6FN(3BC)	2	82143006GR	
A041	HOLDER	(CLAMP) WS-1NS	1	27190541	
A042	TAPE	(VR)	2	29110206	N
A043	CUSHION	T3x15x10	2	28141821	N
A101	REAR PANEL	ADM-30.1 MDD	1	27124047A	N B MDD
A101	REAR PANEL	ADM-30.1 MMA	1	27124048A	N B MMA
A102	SCREW	3TTB+8B(3BC)	17	838430088GR	
A104	SCREW	4TTB+10B(3BC)	2	838440108GR	
[CABINET]					
A101	COVER	A-5VL(B) (Bent)	1	28210046A	
A101	COVER	A-5VL(B) (Not Bent)	1	28210046AZ	
A102	BOTTOM LEG	---	4	27175445A	
A103	CUSHION	---	4	28141774	
A105	SCREW	3TTB+8B(3BC)	4	838430088GR	
A106	SCREW	3TTB+8B(3BC)	7	838430088GR	
A107	CUSHION	T2x20x5	1	28141809	
A111	CUSHION	T0.9x400x50	1	28141816B	
A138	KNOB	(POWER)AS(B)	1	28326789	N
A140	BADGE	---	1	28135278	
A143	SPACER	---	1	27270439	
A151	F PANEL	(B)	1	27213287	N
A154	FACET	(S)	1	28198906	
A155	SCREW	3TTB+8B(3BC)	3	838430088GR	
A205	LABEL	(CAUTION)	1	29363796	
A304	P RIVET	JB-407A-C	4	880052	B MMA

PC BOARD UNIT					
U001	Digital Amp. circuit PC board a'ssy	BAAF-0249-1B *	1	1B237549-1B	N
U002	Speaker terminal PC board a'ssy	BAAF-0278-1A *	1	1B237578-1A	N
U0021	Power indicator PC board a'ssy	BAETC-0279-1A	1	1B237579-1A	N
U003	Power supply PC board a'ssy	BAPS-0270-1E *	1	1B237570-1E	N B MDD
U0031	Power switch PC board	BASW-0271-1E	1	1B237571-1E	N
U0032	AC Inlet terminal PC board	BAETC-0272-1E	1	NSP	N
U003	Power supply PC board a'ssy	BAPS-0270-1F *	1	1B237570-1F	N B MMA
U0031	Power switch PC board	BASW-0271-1F	1	1B237571-1F	N
U0032	AC Inlet terminal PC board	BAETC-0272-1F	1	NSP	N
PACKING					
A201	PAD	AS	1	29092473A	
A202	SHEET	---	1	29095847	
A203	POLY BAG	w250xd350	1	29100250A	
A204	TAPE	(SEROHAN)NITTO NO.29	1	29110149	
A206	INST SHEET	(CAUTION)	1	29355769	
A301	CARTON	ADM-30.1(B)	1	29055021A	N
A302A	EAN LABEL	ADM-30.1 (B)MMA	{ 1 }	29390850	N B MMA
A302A	UPC LABEL	ADM-30.1 (B)MDD	{ 1 }	29390849A	N B MDD
A303	PP TAPE	W50 SBT-70	1	29110200	
A306	LABEL	(MMA)	2	29390973	B MMA
ACCESSARY					
A902	WRNTY CARD	(INTEGRA)	1	29365136	B MDD
A912	INS MANUAL	En(ADM-30.1)	1	29400051	N
A922	INST SHEET	U10(D-AMP)	1	29355483	
A923	INST SHEET	U7(D-AMP TUN)	1	29355523	
A924	INST SHEET	CAUTION(COMMON)	1	29355604	
P952	AC CORD	AS-CEE-3	1	253298VOL	B MMA !
P952	AC CORD	AS-UC-2	1	253352ATES	B MDD !
P952or	AC CORD	AS-UC-2	(1)	253297KAW	B MDD !
P953	AC CORD	AS-SAA	1	253391VOL	B MMA !

U001

Digital Amp. circuit PC board
a'ssy

BAAF-0249-1B *

1

1B237549-1B

N

CIRCUIT. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D501	ZENER D	UDZS5.6B	1	224550560R2	
D502	ZENER D	UDZS5.6B	1	224550560R2	
D503	C-DIODE	1SS352	1	223234R2	
D503 or	C-DIODE	1SS355	(1)	223269R2	
D504	C-DIODE	1SS352	1	223234R2	
D504 or	C-DIODE	1SS355	(1)	223269R2	
D505	C-DIODE	1SS352	1	223234R2	
D505 or	C-DIODE	1SS355	(1)	223269R2	
D506	C-DIODE	1SS352	1	223234R2	
D506 or	C-DIODE	1SS355	(1)	223269R2	
D601	DIODE	M1FL20U	1	223276R2	
D602	DIODE	M1FL20U	1	223276R2	
D603	C-DIODE	1SS352	1	223234R2	
D603 or	C-DIODE	1SS355	(1)	223269R2	
D604	C-DIODE	1SS352	1	223234R2	
D604 or	C-DIODE	1SS355	(1)	223269R2	
D605	ZENER D	UDZS18B	1	224551800R2	
D606	ZENER D	UDZS18B	1	224551800R2	
D607	ZENER D	UDZS18B	1	224551800R2	
D608	ZENER D	UDZS18B	1	224551800R2	
D609	DIODE	M1FL20U	1	223276R2	
D610	DIODE	M1FL20U	1	223276R2	
D611	DIODE	M1FL20U	1	223276R2	
D612	DIODE	M1FL20U	1	223276R2	
Q501	TR	HN3C51F-BL(TE85L_F)	1	2217185R2	
Q502	TR	HN3C51F-BL(TE85L_F)	1	2217185R2	
Q503	TR	2SC2712-GR	1	2213145R2	

Q504	TR	2SC2712-GR	1	2213145R2	
Q505	TR	HN3A51F(TE85L_F)	1	2217190R2	
Q506	TR	HN3A51F(TE85L_F)	1	2217190R2	
Q507	TR	HN3A51F(TE85L_F)	1	2217190R2	
Q508	TR	HN3A51F(TE85L_F)	1	2217190R2	
Q509	TR	2SC2712-GR	1	2213145R2	
Q510	TR	2SC2712-GR	1	2213145R2	
Q511	IC	TC7W14FU(TE12L_F)	1	22241161R2	
Q512	IC	TC7W14FU(TE12L_F)	1	22241161R2	
Q513	TR	2SC2712-GR	1	2213145R2	
Q514	TR	2SC2712-GR	1	2213145R2	
Q515	TR	2SA1162-GR	1	2214375R2	
Q516	TR	2SA1162-GR	1	2214375R2	
Q519	IC	78L05(NJM78L05UA)	1	222780053R2JR	
Q520	IC	78L05(NJM78L05UA)	1	222780053R2JR	
Q601	IC	IRS20954S	1	22242351R2	
Q602	IC	IRS20954S	1	22242351R2	
Q603	TR	IRFB4020	1	2204080	
Q604	TR	IRFB4020	1	2204080	
Q605	TR	IRFB4020	1	2204080	
Q606	TR	IRFB4020	1	2204080	
Q607	TR	2SK208-GR	1	2217434R2	N
Q608	TR	2SK208-GR	1	2217434R2	N
Q611	TR	2SA965-Y(TPE6_F)	1	2211644T	
Q611 or	TR	2SA965-O(TPE6_F)	(1)	2211643T	
Q612	TR	2SA965-Y(TPE6_F)	1	2211644T	
Q612 or	TR	2SA965-O(TPE6_F)	(1)	2211643T	
Q613	TR	2SC2235-Y(TPE6_F)	1	2211654T	
Q613 or	TR	2SC2235-O(TPE6_F)	(1)	2211653T	
Q614	TR	2SC2235-Y(TPE6_F)	1	2211654T	
Q614 or	TR	2SC2235-O(TPE6_F)	(1)	2211653T	
Q615	TR	2SC2712-GR	1	2213145R2	
Q616	TR	2SC2712-GR	1	2213145R2	

Q617	TR	2SA1162-GR	1	2214375R2	
Q618	TR	2SA1162-GR	1	2214375R2	
Q621	TR	2SA1162-GR	1	2214375R2	
Q622	TR	2SA1162-GR	1	2214375R2	
Q627	TR	2SA1162-GR	1	2214375R2	
Q628	TR	2SA1162-GR	1	2214375R2	
Q629	TR	HN1A01F-GR	1	2215915R2	
Q630	TR	HN1A01F-GR	1	2215915R2	
Q631	IC	LM61CIZ	1	22242212	
Q632	IC	LM61CIZ	1	22242212	
[CAPACITOR]					
C501	C-FILM C	ECHU50V-221J	1	373022214R2	
C502	C-FILM C	ECHU50V-221J	1	373022214R2	
C503	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207T	
C504	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207T	
C505	C-FILM C	ECHU50V-821J	1	373028214R2	
C506	C-FILM C	ECHU50V-821J	1	373028214R2	
C507	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C508	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C509	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207T	
C510	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207T	
C511	UPZ C	2AUPZTF102FE	1	3800045S	N
C512	UPZ C	2AUPZTF102FE	1	3800045S	N
C513	UPZ C	2AUPZTF102FE	1	3800045S	N
C514	UPZ C	2AUPZTF102FE	1	3800045S	N
C519	UTSP C	CE04W50V-1M(UTSP)	1	397580107T	
C520	UTSP C	CE04W50V-1M(UTSP)	1	397580107T	
C521	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C522	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C523	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C524	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C525	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C526	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	

C527	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C528	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C529	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C530	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C531	UPZ C	2AUPZTF471JE	1	376334714T	
C532	UPZ C	2AUPZTF471JE	1	376334714T	
C533	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C534	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C535	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C536	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C537	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C538	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C539	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C540	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C601	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C602	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C603	C-CERA C	CK725R2J-471J3	1	332194714R1	
C604	C-CERA C	CK725R2J-471J3	1	332194714R1	
C605	C-CERA C	CK725R2J-471J3	1	332194714R1	
C606	C-CERA C	CK725R2J-471J3	1	332194714R1	
C607	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
C608	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
C609	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
C610	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
C613	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
C614	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
C619	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C620	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C621	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C622	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C627	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C628	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C631	C-CERA C	CK725F1E-104Z1	1	332161040R1	

C632	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C643	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C644	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C645	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C646	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C647	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C648	C-CERA C	CC725CH1H-102J1	1	342101024R1	
[RESISTOR]					
R501	CARBON R	R16J-2.7K	1	417342724T	
R502	CARBON R	R16J-2.7K	1	417342724T	
R503	CARBON R	R16J-220K	1	417342244T	
R504	CARBON R	R16J-220K	1	417342244T	
R505	METAL R	RNU1/4WCF-47K	1	4500335T	N
R506	METAL R	RNU1/4WCF-47K	1	4500335T	N
R507	METAL R	RNU1/4WCF-3.3K	1	4500323T	
R508	METAL R	RNU1/4WCF-3.3K	1	4500323T	
R509	C-CARBON R	RN72K1J-391JE	1	435033914R1	
R510	C-CARBON R	RN72K1J-391JE	1	435033914R1	
R511	C-CARBON R	RN72K1J-391JE	1	435033914R1	
R512	C-CARBON R	RN72K1J-391JE	1	435033914R1	
R513	TRIM R	N06HR100BB	1	5211411T	
R514	TRIM R	N06HR100BB	1	5211411T	
R515	C-CARBON R	RN72K1J-470JE	1	435034704R1	
R516	C-CARBON R	RN72K1J-470JE	1	435034704R1	
R517	C-CARBON R	RN72K1J-470JE	1	435034704R1	
R518	C-CARBON R	RN72K1J-470JE	1	435034704R1	
R519	METAL R	RNU1/4WCF-47K	1	4500335T	N
R520	METAL R	RNU1/4WCF-47K	1	4500335T	N
R521	METAL R	RNU1/4WCF-3.3K	1	4500323T	
R522	METAL R	RNU1/4WCF-3.3K	1	4500323T	
R523	C-CARBON R	RN72K1J-122JE	1	435031224R1	
R524	C-CARBON R	RN72K1J-122JE	1	435031224R1	
R525	C-CARBON R	RN72K1J-392JE	1	435033924R1	

R526	C-CARBON R	RN72K1J-392JE	1	435033924R1	
R527	C-CARBON R	RN72K1J-392JE	1	435033924R1	
R528	C-CARBON R	RN72K1J-392JE	1	435033924R1	
R529	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R530	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R531	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R532	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R533	C-CARBON R	RN72K1J-222JE	1	435032224R1	
R534	C-CARBON R	RN72K1J-222JE	1	435032224R1	
R535	C-CARBON R	RN72K1J-561JE	1	435035614R1	
R536	C-CARBON R	RN72K1J-821JE	1	435038214R1	
R537	C-CARBON R	RN72K1J-181FE	1	435031812R1	
R538	C-CARBON R	RN72K1J-181FE	1	435031812R1	
R539	C-CARBON R	RN72K1J-331JE	1	435033314R1	
R540	C-CARBON R	RN72K1J-331JE	1	435033314R1	
R541	C-CARBON R	RN72K1J-331JE	1	435033314R1	
R542	C-CARBON R	RN72K1J-331JE	1	435033314R1	
R551	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R552	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R553	C-CARBON R	RN72K1J-222JE	1	435032224R1	
R554	C-CARBON R	RN72K1J-222JE	1	435032224R1	
R555	C-CARBON R	RN72K1J-153JE	1	435031534R1	
R556	C-CARBON R	RN72K1J-153JE	1	435031534R1	
R557	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R558	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R559	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R560	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R561	C-CARBON R	RN72K1J-822JE	1	435038224R1	
R562	C-CARBON R	RN72K1J-822JE	1	435038224R1	
R571	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R572	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R575	C-CARBON R	RN72K1J-472JE	1	435034724R1	
R576	C-CARBON R	RN72K1J-472JE	1	435034724R1	

R577	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R578	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R579	C-CARBON R	RN72K2E-103JE	1	435221034R1	
R580	C-CARBON R	RN72K2E-103JE	1	435221034R1	
R581	CARBON R	R16J-6.8K	1	417346824T	
R582	CARBON R	R16J-6.8K	1	417346824T	
R583	CARBON R	R16J-39K	1	417343934T	
R584	CARBON R	R16J-39K	1	417343934T	
R585	C-CARBON R	RN72K1J-474JE	1	435034744R1	
R586	C-CARBON R	RN72K1J-474JE	1	435034744R1	
R587	C-CARBON R	RN72K1J-124JE	1	435031244R1	
R588	C-CARBON R	RN72K1J-124JE	1	435031244R1	
R589	C-CARBON R	RN72K2E-330JE	1	435223304R1	
R590	C-CARBON R	RN72K2E-330JE	1	435223304R1	
R591	C-CARBON R	RN72K2E-222JE	1	435222224R1	
R592	C-CARBON R	RN72K2E-222JE	1	435222224R1	
R595	C-CARBON R	RN72K1J-392JE	1	435033924R1	
R596	C-CARBON R	RN72K1J-392JE	1	435033924R1	
R599	C-CARBON R	RN72K2E-222JE	1	435222224R1	
R600	C-CARBON R	RN72K2E-222JE	1	435222224R1	
R601	C-CARBON R	RN72K2E-047JE	1	435220474R1	
R602	C-CARBON R	RN72K2E-047JE	1	435220474R1	
R603	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R604	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R605	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R606	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R607	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R608	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R609	C-CARBON R	RN72K1J-330JE	1	435033304R1	
R610	C-CARBON R	RN72K1J-330JE	1	435033304R1	
R611	C-CARBON R	RN72K1J-394JE	1	435033944R1	
R612	C-CARBON R	RN72K1J-394JE	1	435033944R1	
R613	C-CARBON R	RN72K1J-683JE	1	435036834R1	

R614	C-CARBON R	RN72K1J-683JE	1	435036834R1	
R615	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R616	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R617	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R618	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R619	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R620	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R621	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R622	C-CARBON R	RN72K2E-068JE	1	435220684R1	
R623	C-CARBON R	RN72K1J-104FE	1	435031042R1	
R624	C-CARBON R	RN72K1J-104FE	1	435031042R1	
R625	C-CARBON R	RN72K1J-104FE	1	435031042R1	
R626	C-CARBON R	RN72K1J-104FE	1	435031042R1	
R629	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R630	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R631	C-CARBON R	RN72K2E-560JE	1	435225604R1	
R632	C-CARBON R	RN72K2E-560JE	1	435225604R1	
R633	C-CARBON R	RN72K2E-560JE	1	435225604R1	
R634	C-CARBON R	RN72K2E-560JE	1	435225604R1	
R635	C-CARBON R	RN72K1J-561JE	1	435035614R1	
R636	C-CARBON R	RN72K1J-561JE	1	435035614R1	
R637	C-CARBON R	RN72K1J-561JE	1	435035614R1	
R638	C-CARBON R	RN72K1J-561JE	1	435035614R1	
R639	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R640	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R641	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R642	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R643	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R644	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R655	C-CARBON R	RN72K1J-471JE	1	435034714R1	
R656	C-CARBON R	RN72K1J-471JE	1	435034714R1	
R659	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R660	C-CARBON R	RN72K1J-000JE	1	435030004R1	

R661	C-CARBON R	RN72K1J-223JE	1	435032234R1	
R662	C-CARBON R	RN72K1J-223JE	1	435032234R1	
R663	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R664	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R673	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R674	C-CARBON R	RN72K1J-123JE	1	435031234R1	
R675	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R676	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R677	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R678	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R679	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R680	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R681	C-CARBON R	RN72K2E-223JE	1	435222234R1	
R682	C-CARBON R	RN72K2E-223JE	1	435222234R1	
R683	C-CARBON R	RN72K2E-223JE	1	435222234R1	
R684	C-CARBON R	RN72K2E-223JE	1	435222234R1	
R685	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R686	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R687	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R688	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R689	C-CARBON R	RN72K1J-334JE	1	435033344R1	
R690	C-CARBON R	RN72K1J-334JE	1	435033344R1	
R691	C-CARBON R	RN72K1J-472JE	1	435034724R1	
R692	C-CARBON R	RN72K1J-472JE	1	435034724R1	
R693	C-CARBON R	RN72K1J-472JE	1	435034724R1	
R694	C-CARBON R	RN72K1J-472JE	1	435034724R1	
R695	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R696	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R699	C-CARBON R	RN72K1J-822JE	1	435038224R1	
R700	C-CARBON R	RN72K1J-822JE	1	435038224R1	
[SW TRM]					
P601A	PLUG	26603070	1	25056644	N
P602A	PLUG	26603070	1	25056644	N

P603A	SOCKET	NSCT-9P2189	1	25052292	
P605A	SOCKET AS	NSAS-14P1802	1	2009991165UL	

ADM-30.1

U002	Speaker terminal PC board a'ssy	BAAF-0278-1A *	1	1B237578-1A	N
U0021	Power indicator PC board a'ssy	BAAF-0279-1A	1	1B237579-1A	N

CIRCUIT. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D301	C-DIODE	1SS352	1	223234R2	
D302	C-DIODE	1SS352	1	223234R2	
D303	ZENER D	UDZS5.1B	1	224550510R2	
D304	ZENER D	UDZS5.1B	1	224550510R2	
D305	C-DIODE	1SS352	1	223234R2	
D307	C-DIODE	1SS352	1	223234R2	
D308	ZENER D	UDZS5.6B	1	224550560R2	
D309	ZENER D	UDZS5.6B	1	224550560R2	
D310	C-DIODE	1SS352	1	223234R2	
D311	C-DIODE	1SS357	1	223281R2	
D312	C-DIODE	1SS357	1	223281R2	
D401	C-DIODE	1SS352	1	223234R2	
D402	C-DIODE	1SS352	1	223234R2	
D403	C-DIODE	1SS352	1	223234R2	
D404	C-DIODE	1SS352	1	223234R2	
D405	C-DIODE	1SS352	1	223234R2	
D406	C-DIODE	1SS352	1	223234R2	
D407	C-DIODE	1SS352	1	223234R2	
D408	C-DIODE	1SS352	1	223234R2	
D409	C-DIODE	1SS352	1	223234R2	
D410	C-DIODE	1SS352	1	223234R2	
D411	LED	SPR-39MVWF	1	225339	

D412	C-DIODE	1SS352	1	223234R2	
D413	C-DIODE	1SS352	1	223234R2	
D414	C-DIODE	1SS352	1	223234R2	
D415	C-DIODE	1SS352	1	223234R2	
D416	C-DIODE	1SS352	1	223234R2	
D417	C-DIODE	1SS352	1	223234R2	
D418	ZENER D	UDZS5.6B	1	224550560R2	
D419	C-DIODE	1SS352	1	223234R2	
D421	DIODE	RL1N4003	1	22380260T	
D422	DIODE	RL1N4003	1	22380260T	
D609	ZENER D	UDZS5.6B	1	224550560R2	
D610	ZENER D	UDZS5.6B	1	224550560R2	
D611	ZENER D	UDZS5.6B	1	224550560R2	
D612	ZENER D	UDZS5.6B	1	224550560R2	
D901	DIODE	LN25XB60	1	22380345	
D901A	HEAT-SINK	HEAT-SINK(DX-200)	1	27160166	
D901B	SCREW	3P+6FN(3BC)	1	82143006GR	
D902	DIODE	LN25XB60	1	22380345	
D902A	HEAT-SINK	HEAT-SINK(DX-200)	1	27160166	
D902B	SCREW	3P+6FN(3BC)	1	82143006GR	
D903	C-DIODE	S1NB60-4062	1	22380318R2	
D904	C-DIODE	S1NB60-4062	1	22380318R2	
D905	C-DIODE	1SS352	1	223234R2	
D906	C-DIODE	1SS352	1	223234R2	
Q303	IC	NE5532APSR	1	22242283R2	
Q305	IC	NE5532APSR	1	22242283R2	
Q306	TR	2SC1815-GR	1	2211255T	
Q307	TR	2SC1815-GR	1	2211255T	
Q308	TR	2SA1015-GR	1	2211455T	
Q309	TR	2SA1015-GR	1	2211455T	
Q310	IC	78M05(NJM78M05FA)	1	222780055JRC	
Q312	IC	79M05L(NJM79M05FA)	1	222790055JRC	
Q316	TR	2SC1815-GR	1	2211255T	

Q317	TR	2SA1015-GR	1	2211455T	
Q318	TR	2SC1815-GR	1	2211255T	
Q319	TR	2SC1815-GR	1	2211255T	
Q320	TR	2SA1015-GR	1	2211455T	
Q321	TR	2SC1815-GR	1	2211255T	
Q322	IC	78L05(NJM78L05UA)	1	222780053R2JR	
Q323	TR	2SA1015-GR	1	2211455T	
Q324	TR	RN1402	1	2214470R2	
Q325	TR	RN1402	1	2214470R2	
Q328	TR	2SC1815-GR	1	2211255T	
Q329	TR	2SC1815-GR	1	2211255T	
Q401	IC	TC74VHC74F	1	22242611R2	N
Q402	TR	RN1402	1	2214470R2	
Q403	TR	RN1402	1	2214470R2	
Q404	IC	TC74HC00AF(EL_F)	1	222740005R2TO	
Q405	IC	TC74HC00AF(EL_F)	1	222740005R2TO	
Q407	PHT CP	PS2501AL-1	1	24120141R2	
Q408	TR	2SC1815-GR	1	2211255T	
Q409	TR	2SB1240-R	1	2213794T	
Q409 or	TR	2SB1240-Q	(1)	2213793T	
Q411	TR	RN1402	1	2214470R2	
Q412	TR	RN2402	1	2214530R2	
Q413	TR	RN2402	1	2214530R2	
Q414	TR	RN1402	1	2214470R2	
Q415	TR	RN2402	1	2214530R2	
Q416	TR	RN2402	1	2214530R2	
Q417	TR	2SC1815-GR	1	2211255T	
Q418	TR	2SA1015-GR	1	2211455T	
Q419	TR	2SC1815-GR	1	2211255T	
Q420	TR	2SA1015-GR	1	2211455T	
Q421	TR	RN2402	1	2214530R2	
Q422	TR	2SC1815-GR	1	2211255T	
Q423	TR	2SA1015-GR	1	2211455T	

Q424	TR	2SC1815-GR	1	2211255T	
Q425	TR	RN1402	1	2214470R2	
Q426	TR	RN1402	1	2214470R2	
Q619	TR	HN1C01F-GR(TE85L_F)	1	2215925R2	
Q620	TR	HN1C01F-GR(TE85L_F)	1	2215925R2	
Q625	TR	HN1C01F-GR(TE85L_F)	1	2215925R2	
Q626	TR	HN1C01F-GR(TE85L_F)	1	2215925R2	
Q901	IC	78M12HF(NJM78M12FA)	1	222780125JRC	
Q902	IC	78M12HF(NJM78M12FA)	1	222780125JRC	
Q903	TR	DTC123JKA	1	2216690R2	
Q904	TR	DTC123JKA	1	2216690R2	
Q905	PHT CP	TLP283-4(TP,PF)	1	24120130R2	
[TRANS COIL]					
L901	CHOKE COIL	NCH-1644	1	231346K220	
L902	CHOKE COIL	NCH-1644	1	231346K220	
L903	CHOKE COIL	NCH-1537	1	231358	
L904	CHOKE COIL	NCH-1537	1	231358	
[CAPACITOR]					
C301	UPZ C	2AUPZTF221JE	1	376332214T	
C302	UPZ C	2AUPZTF221JE	1	376332214T	
C303	UTSJ C	CE04W50V-47M(UTSJ)	1	398084707T	
C304	UTSJ C	CE04W50V-47M(UTSJ)	1	398084707T	
C309	UTSJ C	CE04W50V-10M(UTSJ)	1	398081007T	
C310	UTSJ C	CE04W50V-10M(UTSJ)	1	398081007T	
C311	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C312	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C313	UPZ C	2AUPZTF221JE	1	376332214T	
C314	UPZ C	2AUPZTF221JE	1	376332214T	
C315	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C316	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C317	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C318	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C323	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	

C324	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C325	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C326	TF C	ECQ-V50V-104J	1	374721044T	
C327	TF C	ECQ-V50V-104J	1	374721044T	
C330	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C331	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C332	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C333	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C334	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C335	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C337	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C338	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C339	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C340	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C401	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C402	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C403	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C404	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C405	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C406	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C407	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C408	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C409	UTSP C	CE04W50V-4.7M(UTSP)	1	397580477T	
C410	UTSP C	CE04W50V-22M(UTSP)	1	397582207T	
C411	UTSP C	CE04W25V-220M(UTSP)	1	397552217T	
C412	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C413	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C635	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C636	UTSP C	CE04W50V 47M(UTSP)	1	397584707T	
C637	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C638	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C639	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C640	C-CERA C	CK725F1E-104Z1	1	332161040R1	

C641	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C642	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C901	TF C	ECQ-V50V-104J	1	374721044T	
C902	TF C	ECQ-V50V-104J	1	374721044T	
C903	TF C	ECQ-V50V-104J	1	374721044T	
C904	TF C	ECQ-V50V-104J	1	374721044T	
C905	TF C	ECQ-V50V-104J	1	374721044T	
C906	TF C	ECQ-V50V-104J	1	374721044T	
C907	TF C	ECQ-V50V-104J	1	374721044T	
C908	TF C	ECQ-V50V-104J	1	374721044T	
C909	ELECT C	CE69W50V-10000M	1	3504470	
C910	ELECT C	CE69W50V-10000M	1	3504470	
C911	ELECT C	CE69W50V-10000M	1	3504470	
C912	ELECT C	CE69W50V-10000M	1	3504470	
C913	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C914	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C915	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C916	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C917	UTSK C	CE04W35V-1000M(UTSK)	1	398361027S	
C918	UTSK C	CE04W35V-1000M(UTSK)	1	398361027S	
C919	UTSP C	CE04W25V-47M(UTSP)	1	397554707T	
C920	UTSP C	CE04W25V-47M(UTSP)	1	397554707T	
C921	PLA C	ECWF(S)250V-334	1	3700101S	
C921A	UPZ C	2AUPZTF221JE	1	376332214T	
C922	PLA C	ECWF(S)250V-334	1	3700101S	
C922A	UPZ C	2AUPZTF221JE	1	376332214T	
C923	PLA C	ECQE250V-153J	1	3700077S	
C924	PLA C	ECQE250V-153J	1	3700077S	
C925	TF C	ECQ-V100V-104J	1	374731044T	
C926	TF C	ECQ-V100V-104J	1	374731044T	
C927	MKT C	B32529C0102J289	1	376491024T	
C928	MKT C	B32529C0102J289	1	376491024T	
C929	MKT C	B32529C0102J289	1	376491024T	

C930	MKT C	B32529C0102J289	1	376491024T	
C931	TF C	ECQ-V50V-104J	1	374721044T	
C932	TF C	ECQ-V50V-104J	1	374721044T	
[RESISTOR]					
R301	CARBON R	R16J-330	1	417343314T	
R302	CARBON R	R16J-330	1	417343314T	
R303	CARBON R	R16J-220K	1	417342244T	
R304	CARBON R	R16J-220K	1	417342244T	
R321	CARBON R	R16J-22K	1	417342234T	
R322	CARBON R	R16J-22K	1	417342234T	
R323	VARI R	N16RGL20KA15	1	5142554	N
R324	VARI R	N16RGL20KA15	1	5142554	N
R325	CARBON R	R16J-220K	1	417342244T	
R326	CARBON R	R16J-220K	1	417342244T	
R327	CARBON R	R16J-100K	1	417341044T	
R328	CARBON R	R16J-100K	1	417341044T	
R329	CARBON R	R16J-220K	1	417342244T	
R330	CARBON R	R16J-220K	1	417342244T	
R331	CARBON R	R16J-220K	1	417342244T	
R332	CARBON R	R16J-220K	1	417342244T	
R333	CARBON R	R16J-220	1	417342214T	
R334	CARBON R	R16J-220	1	417342214T	
R335	CARBON R	R16J-22K	1	417342234T	
R336	CARBON R	R16J-150K	1	417341544T	
R337	CARBON R	R16J-150	1	417341514T	
R338	METAL O R	RS1/2WBJ-22	1	443522204T	
R339	METAL O R	RS1/2WBJ-22	1	443522204T	
R340	CARBON R	R16J-22	1	417342204T	
R342	CARBON R	R16J-39K	1	417343934T	
R343	CARBON R	R16J-390K	1	417343944T	
R344	CARBON R	R16J-820K	1	417348244T	
R345	CARBON R	R16J-39K	1	417343934T	
R346	CARBON R	R16J-470K	1	417344744T	

R347	CARBON R	R16J-120K	1	417341244T	
R348	CARBON R	R16J-10K	1	417341034T	
R349	CARBON R	R16J-100K	1	417341044T	
R350	CARBON R	R16J-100K	1	417341044T	
R351	CARBON R	R16J-100K	1	417341044T	
R352	CARBON R	R16J-10K	1	417341034T	
R355	METAL O R	RS1/2WBJ-22	1	443522204T	
R356	METAL O R	RS1/2WBJ-22	1	443522204T	
R357	CARBON R	R16J-5.6K	1	417345624T	
R358	CARBON R	R16J-5.6K	1	417345624T	
R359	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R360	CARBON R	R16J-5.6K	1	417345624T	
R362	CARBON R	R16J-270K	1	417342744T	
R364	CARBON R	R16J-680K	1	417346844T	
R365	CARBON R	R16J-180K	1	417341844T	
R366	CARBON R	R16J-2.2M	1	417342254T	
R367	CARBON R	R16J-100K	1	417341044T	
R368	CARBON R	R16J-100K	1	417341044T	
R369	CARBON R	R16J-100K	1	417341044T	
R370	CARBON R	R16J-2.2K	1	417342224T	
R371	CARBON R	R16J-10K	1	417341034T	
R372	CARBON R	R16J-5.6K	1	417345624T	
R373	CARBON R	R16J-330K	1	417343344T	
R374	CARBON R	R16J-680K	1	417346844T	
R375	CARBON R	R16J-180K	1	417341844T	
R376	CARBON R	R16J-2.2M	1	417342254T	
R377	CARBON R	R16J-100K	1	417341044T	
R378	CARBON R	R16J-100K	1	417341044T	
R379	CARBON R	R16J-100K	1	417341044T	
R380	CARBON R	R16J-2.2K	1	417342224T	
R381	CARBON R	R16J-10K	1	417341034T	
R382	CARBON R	R16J-10K	1	417341034T	
R383	CARBON R	R16J-10K	1	417341034T	

R385	CARBON R	R16J-220K	1	417342244T	
R386	CARBON R	R16J-220K	1	417342244T	
R388	CARBON R	R16J-47K	1	417344734T	
R389	CARBON R	R16J-10K	1	417341034T	
R390	CARBON R	R16J-68K	1	417346834T	
R391	CARBON R	R16J-68K	1	417346834T	
R392	CARBON R	R16J-10K	1	417341034T	
R393	CARBON R	R16J-10K	1	417341034T	
R394	CARBON R	R16J-100	1	417341014T	
R401	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R402	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R403	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R404	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R405	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R406	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R407	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R408	C-CARBON R	RN72K1J-561JE	1	435035614R1	
R409	C-CARBON R	RN72K1J-102JE	1	435031024R1	
R410	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R411	C-CARBON R	RN72K1J-221JE	1	435032214R1	
R412	C-CARBON R	RN72K1J-221JE	1	435032214R1	
R413	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R414	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R415	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R416	C-CARBON R	RN72K1J-333JE	1	435033334R1	
R417	C-CARBON R	RN72K1J-333JE	1	435033334R1	
R418	C-CARBON R	RN72K1J-683JE	1	435036834R1	
R419	CARBON R	R16J-330K	1	417343344T	
R420	CARBON R	R16J-680K	1	417346844T	
R421	CARBON R	R16J-180K	1	417341844T	
R422	CARBON R	R16J-2.2M	1	417342254T	
R423	CARBON R	R16J-100K	1	417341044T	
R424	CARBON R	R16J-100K	1	417341044T	

R425	CARBON R	R16J-100K	1	417341044T	
R426	CARBON R	R16J-5.6K	1	417345624T	
R427	CARBON R	R16J-330K	1	417343344T	
R428	CARBON R	R16J-680K	1	417346844T	
R429	CARBON R	R16J-180K	1	417341844T	
R430	CARBON R	R16J-2.2M	1	417342254T	
R431	CARBON R	R16J-100K	1	417341044T	
R432	CARBON R	R16J-100K	1	417341044T	
R433	CARBON R	R16J-100K	1	417341044T	
R434	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R435	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R436	CARBON R	R16J-100K	1	417341044T	
R437	CARBON R	R16J-68K	1	417346834T	
R438	CARBON R	R16J-18K	1	417341834T	
R439	CARBON R	R16J-10K	1	417341034T	
R440	CARBON R	R16J-10K	1	417341034T	
R441	CARBON R	R16J-10K	1	417341034T	
R442	CARBON R	R16J-220K	1	417342244T	
R443	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R444	METAL O R	RS1WBJ-220	1	443622214T	
R445	NF CARBON R	R25J-10	1	415471004T	
R447	CARBON R	R16J-5.6K	1	417345624T	
R448	CARBON R	R16J-5.6K	1	417345624T	
R451	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R452	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R453	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R454	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R455	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R456	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R481	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R482	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R483	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R484	C-CARBON R	RN72K1J-000JE	1	435030004R1	

R485	C-CARBON R	RN72K1J-000JE	1	435030004R1	
R641	C-CARBON R	RN72K1J-273JE	1	435032734R1	
R642	C-CARBON R	RN72K1J-273JE	1	435032734R1	
R643	C-CARBON R	RN72K1J-223JE	1	435032234R1	
R644	C-CARBON R	RN72K1J-223JE	1	435032234R1	
R645	C-CARBON R	RN72K1J-392JE	1	435033924R1	
R646	C-CARBON R	RN72K1J-392JE	1	435033924R1	
R647	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R648	C-CARBON R	RN72K1J-332JE	1	435033324R1	
R649	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R650	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R651	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R652	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R653	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R654	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R665	C-CARBON R	RN72K1J-823JE	1	435038234R1	
R666	C-CARBON R	RN72K1J-823JE	1	435038234R1	
R667	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R668	C-CARBON R	RN72K1J-682JE	1	435036824R1	
R669	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R670	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R901	METAL R	RNU1/2WCJ-2.2	1	453530224T	
R902	METAL R	RNU1/2WCJ-2.2	1	453530224T	
R903	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R904	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R905	C-CARBON R	RN72K1J-222JE	1	435032224R1	
R906	C-CARBON R	RN72K1J-222JE	1	435032224R1	
R907	METAL O R	RS2WBJ-22	1	442722204F	
R908	METAL O R	RS2WBJ-22	1	442722204F	
R931	METAL O R	RS1WBJ-33	1	443623304T	
R935	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R936	C-CARBON R	RN72K1J-104JE	1	435031044R1	
[SW TRM]					

F401	RESISTOR	nanoSMDC016F	1	4000239R2	
P301	PIN JACK	NPJ-2PDWR706	1	25045940A	
P301A	SHLD PLT	(PINJACK)	1	27150527	
P302	PIN JACK	NPJ-2PDWR706	1	25045940A	
P302A	SHLD PLT	(PINJACK)	1	27150527	
P303	ST JACK	HSJ1002-01-6020	1	25045647	
P304	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
P305	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
P306	PLUG	NPLG-2P29	1	25055038	
P603B	PLUG	NPLG-9P0964	1	25056014	
P605B	PLUG	NPLG-7P121	1	25055137	
P606A	SOCKET AS	NSAS-10P1809	1	200C4191055UL	N
P606B	PLUG	NPLG-5P133	1	25055149	
P901	TRM	NTM-2PDMCR399	1	25060471	
P902	TRM	NTM-2PDMCR425	1	25060499	N
P903	PLUG	NPLG-4P151	1	25055167	
P904	PLUG	NPLG-4P151	1	25055167	
P905	PLUG	NPLG-2P149	1	25055165	
P906	PLUG	NPLG-2P149	1	25055165	
P907	RETAINER	(BUS-C)	1	27142043	
P907A	TAPE	TAPE(CLOTH-8U)	1	29110082	
P908	RETAINER	(BUS-C)	1	27142043	
P908A	TAPE	TAPE(CLOTH-8U)	1	29110082	
P909	RETAINER	(BUS-G)	1	27142157	
P910	RETAINER	(BUS-G)	1	27142157	
P911	PLUG	NPLG-2P29	1	25055038	
P912	PLUG	NPLG-2P29	1	25055038	
P913	PLUG	NPLG-2P29	1	25055038	
P914	PLUG	NPLG-2P29	1	25055038	
P959A	SOCKET AS	NSAS-10P1819	1	200C4391006UL	N
P960	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
RL301	RELAY	NRL-2P2A-DC12-178	1	25065664	
RL302	RELAY	NRL-2P2A-DC12-178	1	25065664	

RL901	RELAY	NRL-2P5A-DC12-192	1	25065702	
RL902	RELAY	NRL-2P5A-DC12-192	1	25065702	
S301	SLIDE SW	NSS-22203	1	25065581	
S302	SLIDE SW	NSS-22203	1	25065581	

ADM-30.1

U003	Power supply PC board a'ssy	BAPS-0270-1E *	1	1B237570-1E	N B MDD
U003	Power supply PC board a'ssy	BAPS-0270-1F *	1	1B237570-1F	N B MMA
U0031	Power switch PC board	BASW-0271-1E	1	1B237571-1E	N
U0031	Power switch PC board	BASW-0271-1F	1	1B237571-1F	N
U0032	AC Inlet terminal PC board	BAETC-0272-1E	1	NSP	N
U0032	AC Inlet terminal PC board	BAETC-0272-1F	1	NSP	N

CIRCUIT. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D951	C-DIODE	S1NB60-4062	1	22380318R2	
D952	C-DIODE	1SS352	1	223234R2	
D952 or	C-DIODE	1SS355	(1)	223269R2	
D953	C-DIODE	1SS352	1	223234R2	
D953 or	C-DIODE	1SS355	(1)	223269R2	
D954	ZENER D	UDZS5.1B	1	224550510R2	
D955	C-DIODE	1SS352	1	223234R2	
D955 or	C-DIODE	1SS355	(1)	223269R2	
D956	DIODE	RL1N4003	1	22380260T	< MDD, MMA>
D957	DIODE	RL1N4003	1	22380260T	< MDD, MMA>
Q951	IC	S-80127CNMC-JKM-T2	1	22241642R2	
Q952	TR	DTC123JKA	1	2216690R2	
[TRANS COIL]					
L951	CHOKE COIL	NCH-3645	1	231348S	
L952	CHOKE COIL	NCH-3646	1	231349S	
T951	P TRANS	NPT-1487D	1	2301723GR	< MDD>
T951	P TRANS	NPT-1487P	1	2301724GR	< MMA>

[CAPACITOR]					
C951	IS C	DE1310E472M-KH	1	3300054	
C953	IS C	MKP R46 224M	1	3800040S	
C954	IS C	MKP R46 224M	1	3800040S	
C955	IS C	MKP R46 224M	1	3800040S	
C956	PLA C	DE1E3KX102ME4BA01	1	3800043S	
C957	UTSK C	CE04W25V-3300M(UTSK)	1	398353327S	N
C958	TF C	ECQ-V50V-104J	1	374721044T	
C959	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C960	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C961	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C962	MKT C	B32529C0102J289	1	376491024T	
C963	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C964	ELECT C	CE04W25V-100M(MA)	1	355751019T	< MDD, MMA>
C965	UTSP C	CE04W50V-100M(UTSP)	1	397581017T	< MDD, MMA>
[RESISTOR]					
R951	NF CARBON R	R25J-2.2	1	415470224T	
R953	METAL O R	RS1/2WBJ-330	1	443523314T	
R954	METAL O R	RS1/2WBJ-330	1	443523314T	
R955	C-CARBON R	RN72K1J-823JE	1	435038234R1	
R956	C-CARBON R	RN72K1J-333JE	1	435033334R1	
R957	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R958	METAL O R	RS1/2WBJ-47	1	443524704T	< MDD, MMA>
[SW TRM]					
F901A	FUSE HOL	NSCT-1P2031	1	25052133T	
F901B	FUSE HOL	NSCT-1P2031	1	25052133T	
F901C	LABEL	T1.25AL250V	1	29361580	< MMA>
P951	AC INLET	NPLG-2P913	1	25055960	< MDD, MMA>
P952	CRIMP AS	1672#18 BRN 15	1	206CC45151UL	
P953	CRIMP AS	CRIMP AS	1	206CC45159UL	
P954	SOCKET AS	NSAS-2P0903	1	2009990649UL	
P955	PLUG	NPLG-2P632	1	25055676	
P956	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	

P957	PLUG	NPLG-2P631	1	25055675	
P958	PLUG	NPLG-2P631	1	25055675	
P959	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
P959B	PLUG	NPLG-5P133	1	25055149	
RL951	RELAY	NRL-1P10A-DC12-140	1	25065584	
S951	P SW	NPS-111-L687P(TV-5)	1	25035724	

Integra Division of

ONKYO CORPORATION

Service Dept. Technical Support : 2-1, Nisshin-cho, Neyagawa-shi, OSAKA 572-8540, JAPAN

Tel: 072-831-8023 Fax: 072-831-8163 <http://www.onkyo.com/>

Integra Division of

ONKYO U.S.A. CORPORATION

18 Park Way, Upper Saddle River, N.J. 07458, U.S.A.

Tel: 201-785-2600 Fax: 201-785-2650 <http://www.integrahometheater.com>