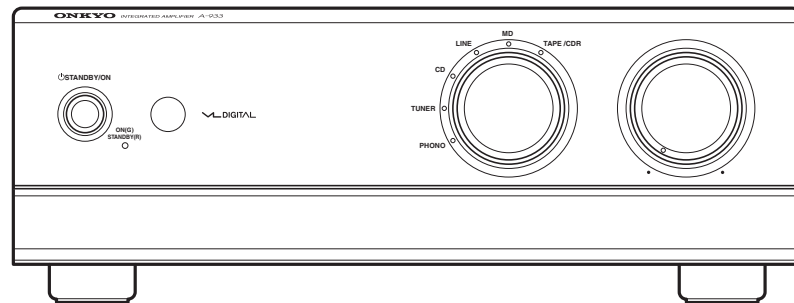
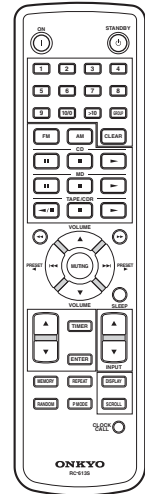


ONKYO SERVICE MANUAL

INTEGRATED AMPLIFIER MODEL A-933



Silver and Black models



RC-613S

S UPP, S MPP	230-240V AC, 50Hz
B UPP, B MPP	230-240V AC, 50Hz

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.

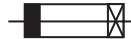
SPECIFICATIONS

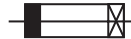
Power output :	80 W + 80 W (8 Ω , 1 kHz, DIN)
Dynamic power :	270 W + 270 W (3 Ω , Front) 220 W + 220 W (4 Ω , Front) 110 W + 110 W (8 Ω , Front)
THD (total harmonic distortion) :	0.08% (1 kHz, 1 W)
Damping factor :	25 (Front, 1 kHz, 8 Ω)
Input sensitivity and impedance :	200 mV, 50 k Ω (LINE) 2.5 mV, 50 k Ω (PHONO MM)
Output level and impedance :	200 mV, 2.2 k Ω (REC OUT)
Phono overload :	130 mV (MM, 1 kHz, 0.5%)
Frequency response :	10 Hz - 60 kHz, +1 dB -3 dB (CD)
Tone control :	+8 dB, -8 dB, 100 Hz (BASS) +8 dB, -8 dB, 20 kHz (TREBLE) +10 dB, 80 Hz (SUPER BASS)
SN ratio :	100 dB (LINE, IHF-A) 70 dB (PHONO, IHF-A)
Speaker impedance :	4 - 16 Ω
Power supply :	AC 230 - 240 V, 50 Hz
Power consumption :	100 W
Stand-by power consumption :	0.9 W
Dimensions (W x H x D) :	275 x 103 x 328 mm
Weight :	7.5 kg
Analog inputs :	PHONO, TUNER, CD, LINE, MD, TAPE/CDR, MAIN IN
Analog outputs :	MD, TAPE/CDR
Subwoofer pre outputs :	1
Speaker outputs :	2 (A, B)
Phones :	1

Specifications and features are subject to change without notice.

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.	NAME	DESCRIPTION	Q'TY	PART NO.	REMARKS
F901	FUSE	3.15A-SE-EAWK	1	252076GR	
F902	FUSE	2A-SE-EAK	1	252074GR	

2. Initialize the unit.

- (1) Press and hold down the MAIN IN button, then press the STANDBY/ON button.
All indicators light up ---> Standby
- (2) Disconnect the AC power cord from a wall outlet.

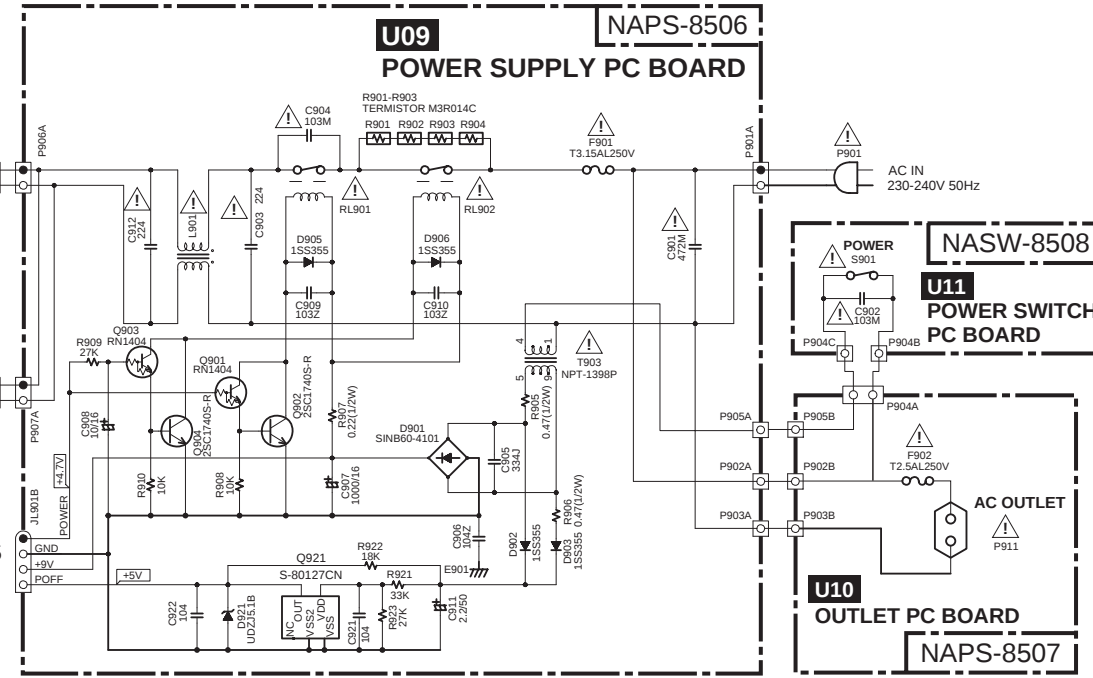
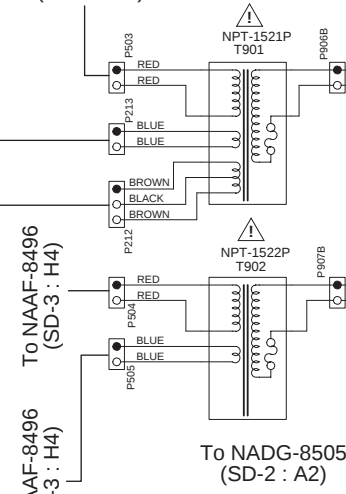
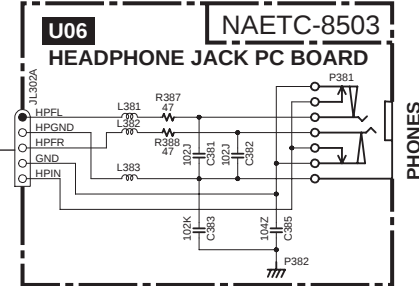
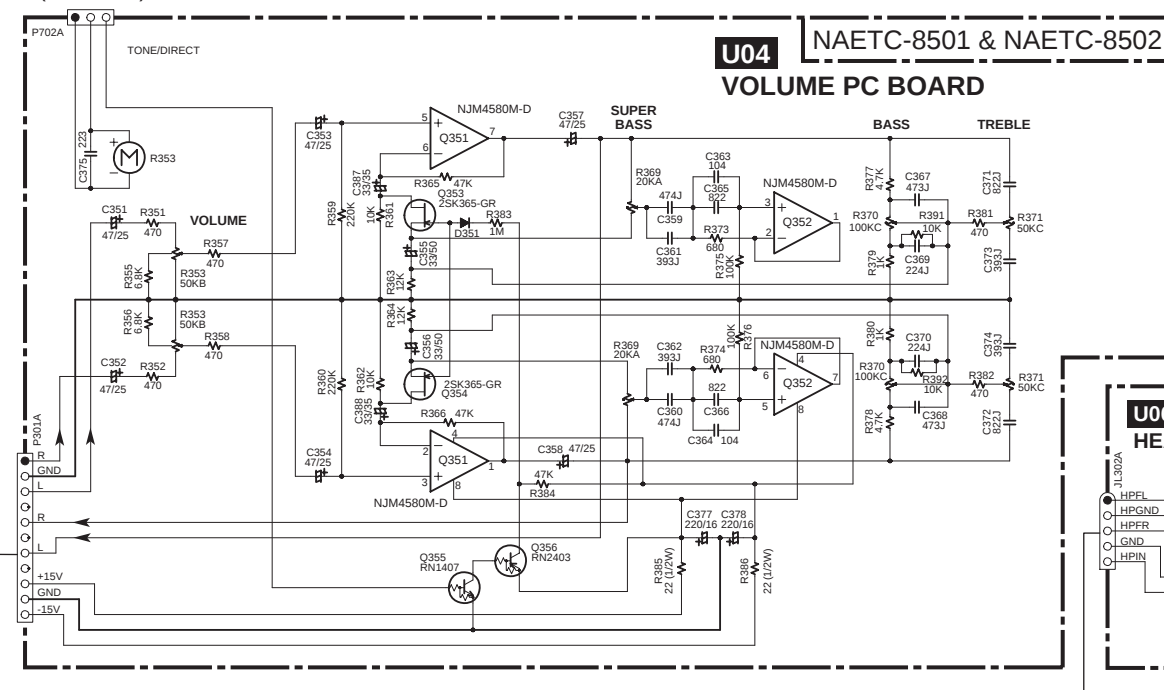
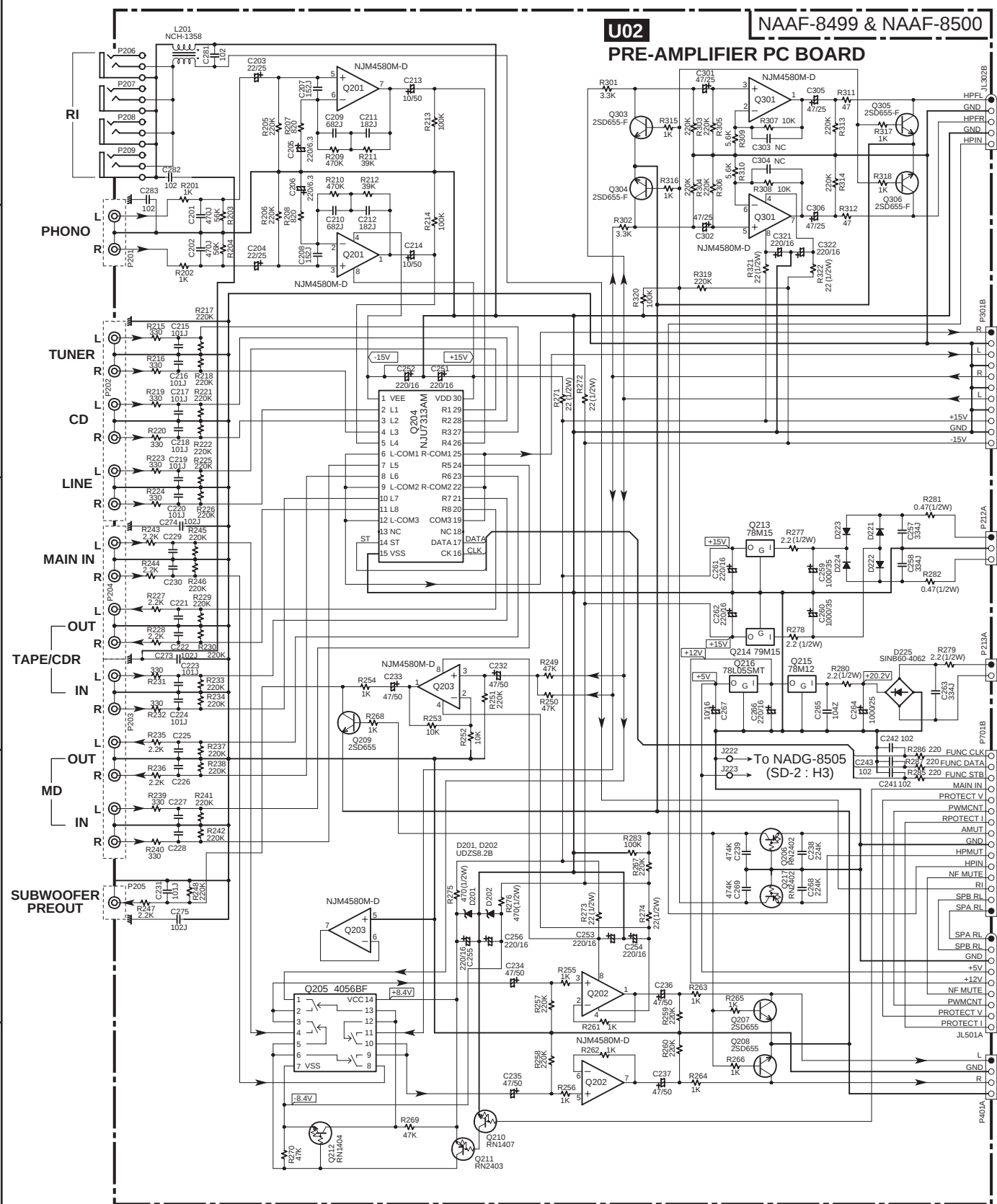
3. Setting position before shipment.

- (1) POWER switch : ON
- (2) BASS : CENTER
- (3) TREBLE : CENTER
- (4) SUPER BASS : MIN.
- (5) VOLUME : MIN.

4. EuP Lot6 correspondence, Add "D" to the end of serial numbers.

Change T903, P TRANS, NPT-1938P, 2301539 → 2301539A.

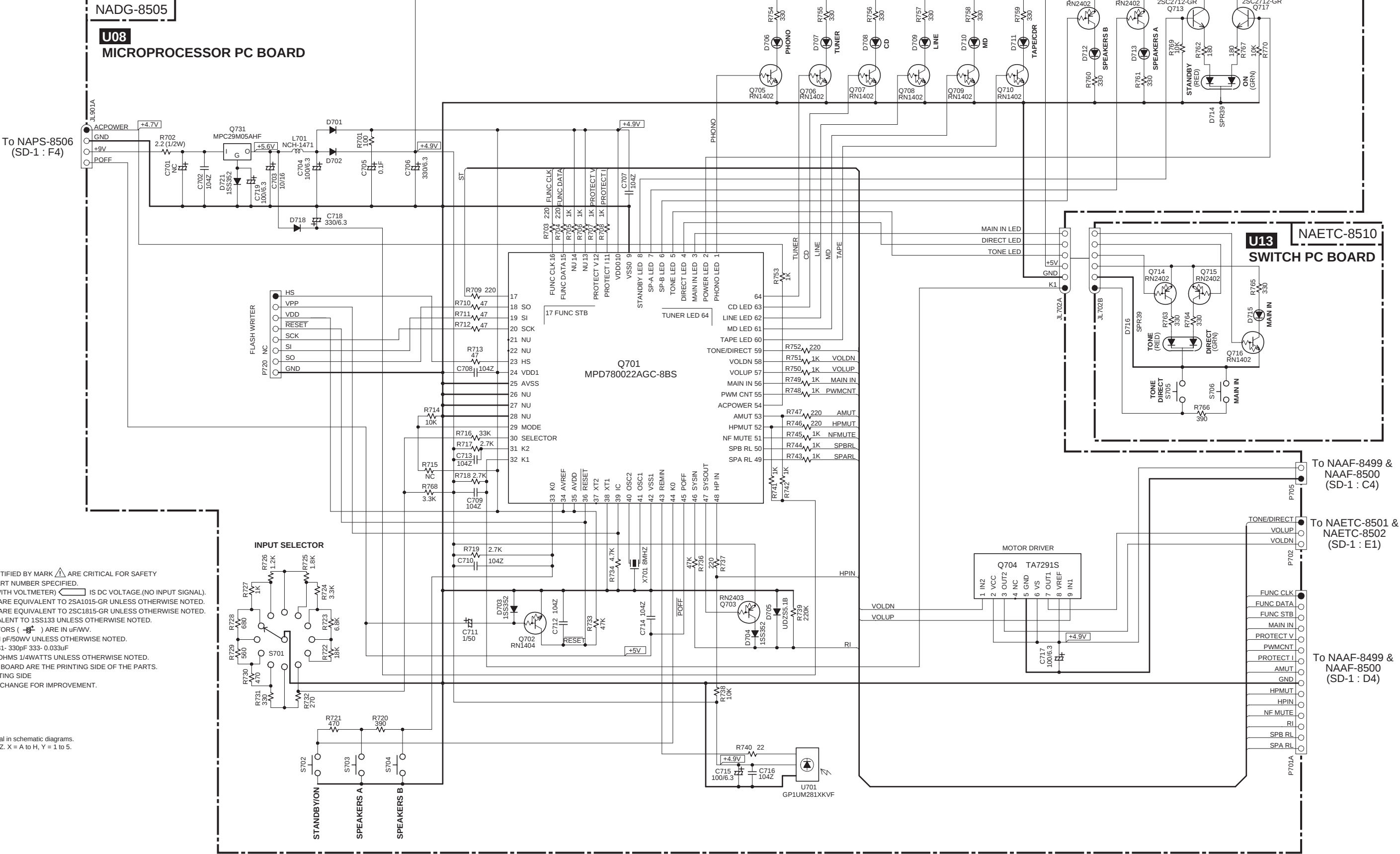
old part (2301539) → old set
 new part(2301539A) → new set(EuP Lot6 correspondence, Add "D" to the end of serial numbers.)



- THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
- VOLTAGE (MEASURED WITH VOLTMETER)  IS DC VOLTAGE. (NO INPUT SIGNAL).
- ALL PNP TRANSISTORS ARE EQUIVALENT TO 2SA1015-GR UNLESS OTHERWISE NOTED.
- ALL NPN TRANSISTORS ARE EQUIVALENT TO 2SC1815-GR UNLESS OTHERWISE NOTED.
- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS () ARE IN $\mu\text{F}/\text{VW}$.
- ALL CAPACITORS ARE IN $\text{pF}/50\text{WV}$ UNLESS OTHERWISE NOTED.
EX) 030- 3pF 330- 33pF 331- 330pF 333- 0.033uF
- ALL RESISTORS ARE IN OHMS /14WATTS UNLESS OTHERWISE NOTED.
- THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
EX)  PRINTING SIDE
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

SCHEMATIC DIAGRAMS-2
MICROPROCESSOR SECTION



NOTE

- THE COMPONENTS IDENTIFIED BY MARK ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
- VOLTAGE (MEASURED WITH VOLTMETER) IS DC VOLTAGE.(NO INPUT SIGNAL).
- ALL PNP TRANSISTORS ARE EQUIVALENT TO 2SA1015-GR UNLESS OTHERWISE NOTED.
- ALL NPN TRANSISTORS ARE EQUIVALENT TO 2SC1815-GR UNLESS OTHERWISE NOTED.
- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS () ARE IN μ F/VV.
- ALL CAPACITORS ARE IN pF/50WV UNLESS OTHERWISE NOTED.
EX) 030- 3pF 330- 33pF 331- 330pF 333- 0.033 μ F
- ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
- THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
EX) PRINTING SIDE
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

<Note>

NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

SCHEMATIC DIAGRAMS-3

POWER AMPLIFIER SECTION

<Note>
NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

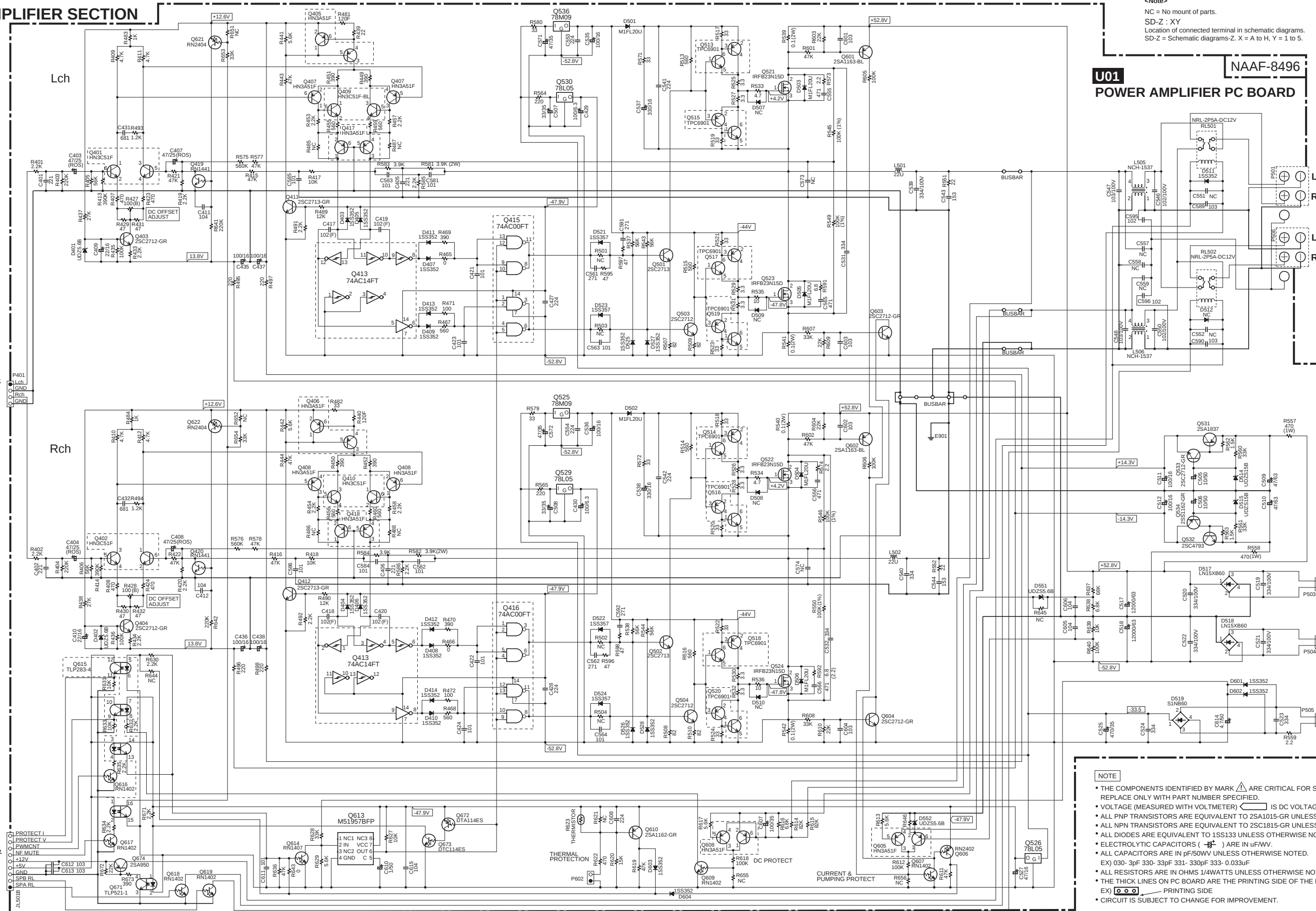
U01 POWER AMPLIFIER PC BOARD

NAAF-8496

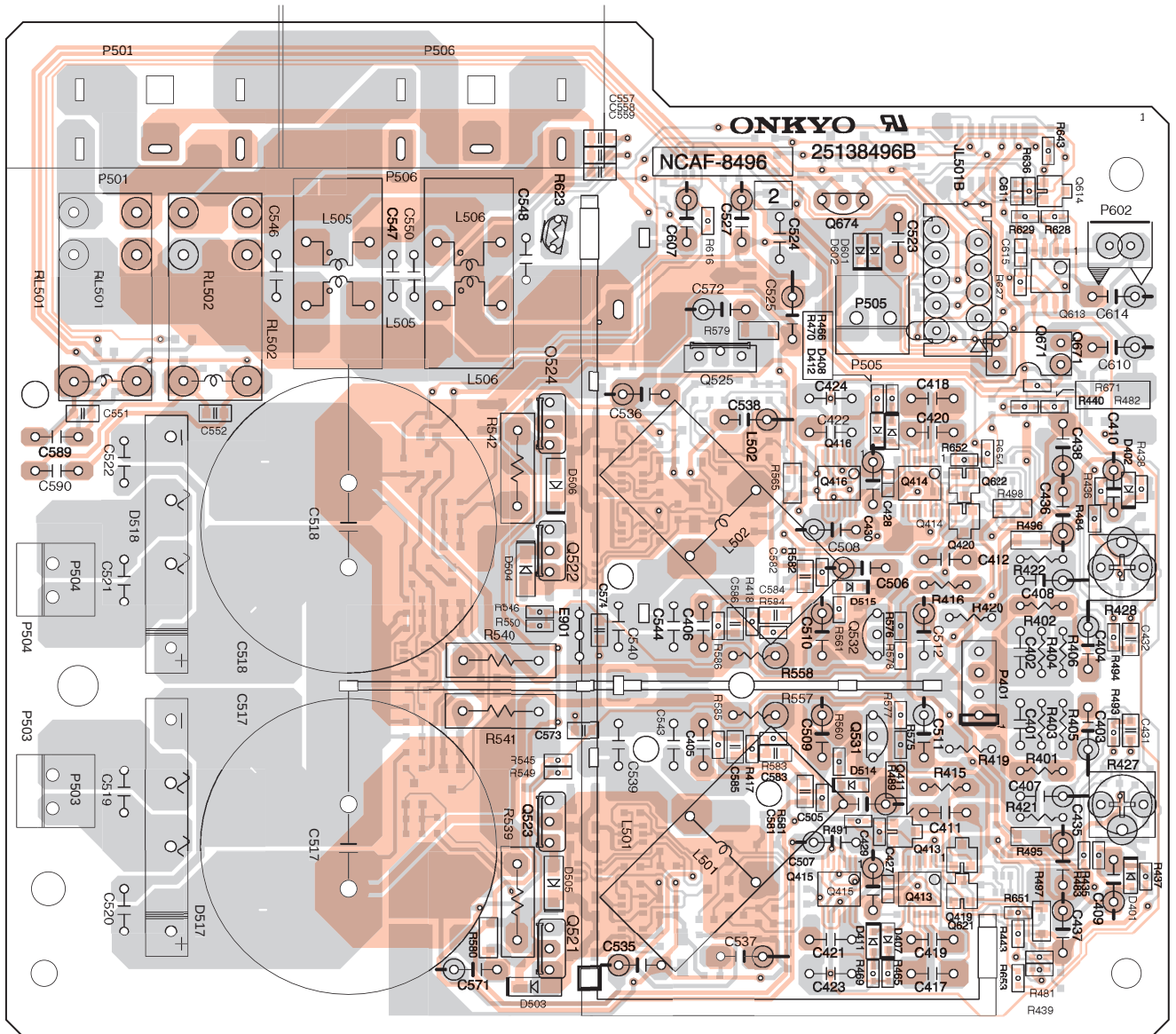
SPEAKERS
ASPEAKERS
BTo TRANS.T901
(SD-1 : E4)To TRANS.T902
(SD-1 : E4)To TRANS.T902
(SD-1 : E4)

NOTE

- THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
- VOLTAGE (MEASURED WITH VOLTMETER)  IS DC VOLTAGE (NO INPUT SIGNAL).
- ALL PNP TRANSISTORS ARE EQUIVALENT TO 2SA1015-GR UNLESS OTHERWISE NOTED.
- ALL NPN TRANSISTORS ARE EQUIVALENT TO 2SC1815-GR UNLESS OTHERWISE NOTED.
- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS () ARE IN uF/WV.
- ALL CAPACITORS ARE IN pF/50WV UNLESS OTHERWISE NOTED.
- EX) 030-3pF 330-33pF 331-330pF 333-0.033uF
- ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
- THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
- EX)  PRINTING SIDE
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

To NAAF-8479 &
NAETC-8480
(SD-1 : D5)To NAAF-8499 &
NAAF-8500
(SD-1 : D4)

Side-A

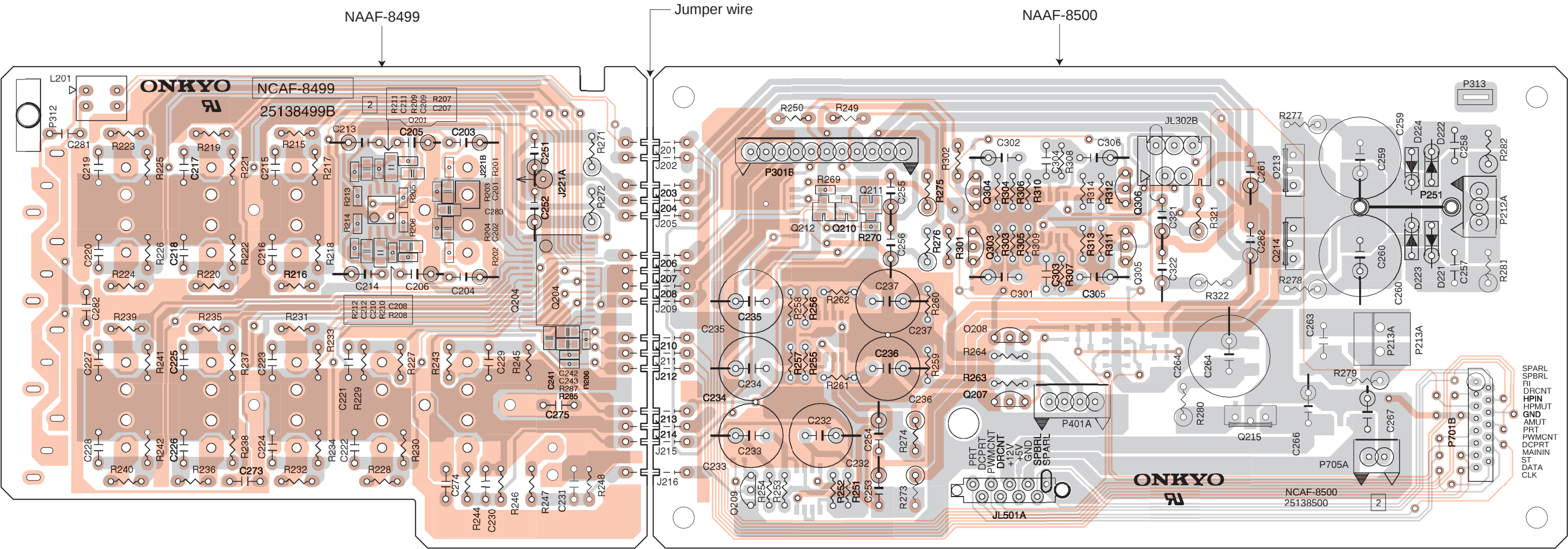


PRINTED CIRCUIT BOARD VIEWS-3

U02 PRE-AMPLIFIER PC BOARD (NAAF-8499 & NAAF-8500)

<Note>
NAAF-8499 + NAAF-8500 = 1set

Side-A



A

B

C

D

E

F

G

H

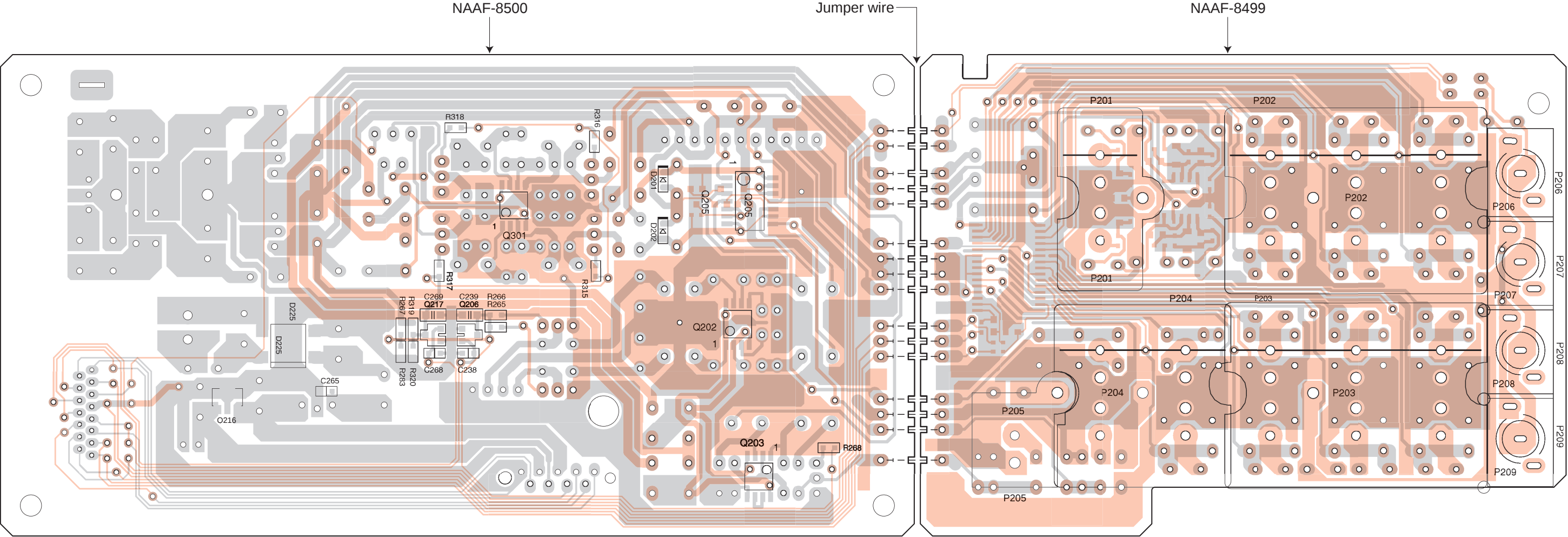
PRINTED CIRCUIT BOARD VIEWS-4

U02

PRE-AMPLIFIER PC BOARD (NAAF-8499 & NAAF-8500)

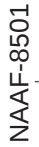
<Note>
NAAF-8499 + NAAF-8500 = 1set

Side-B



U04 VOLUME PC BOARD (NAETC-8501 & NAETC-8502)

Side-A

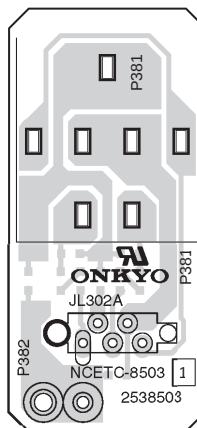


NAAF-8502

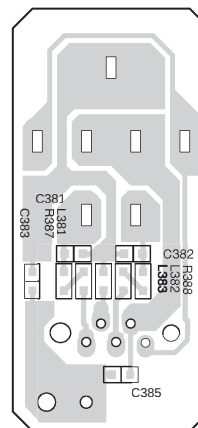
NAAF-8501

NAAF-8502

Side-A



Side-B

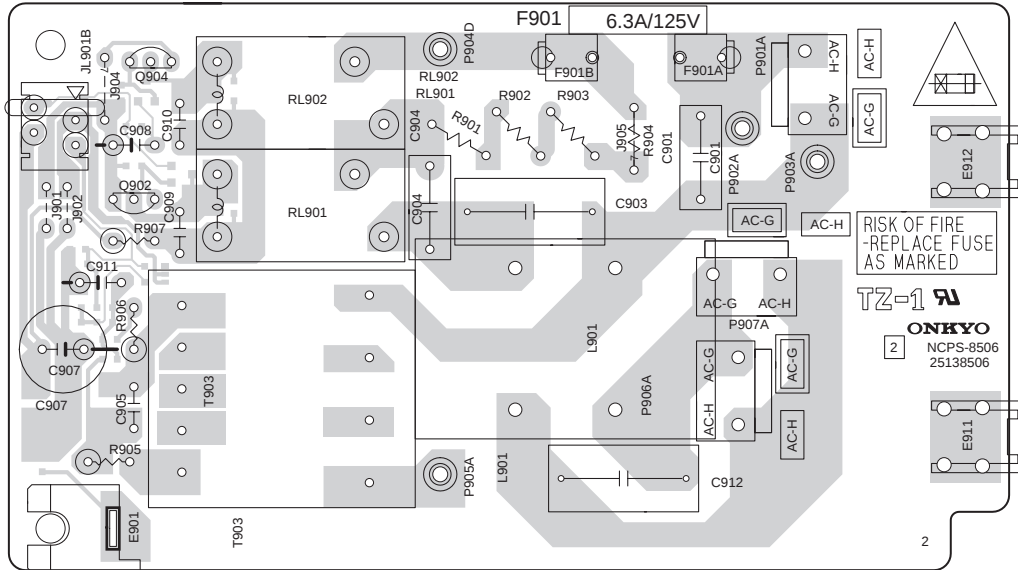




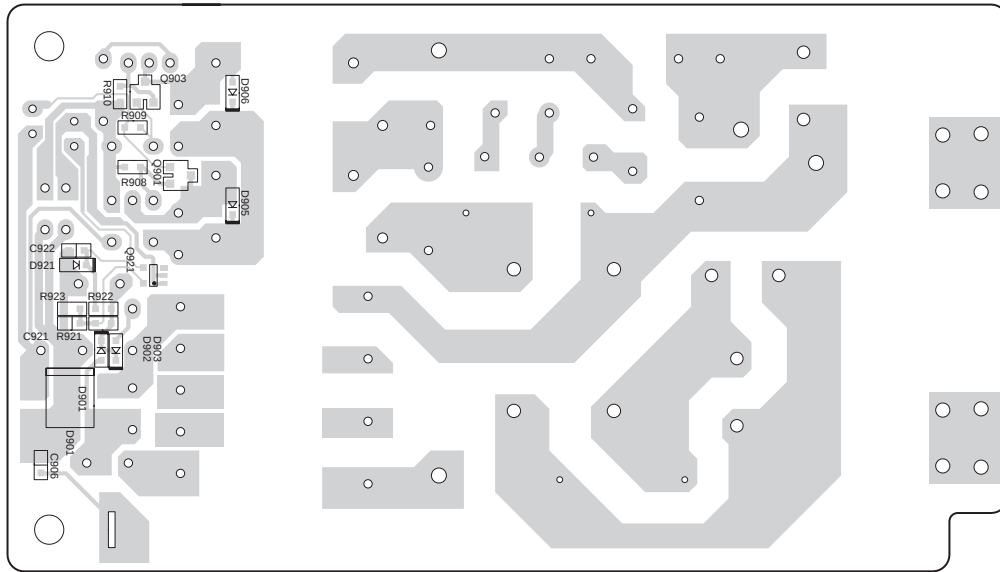
PRINTED CIRCUIT BOARD VIEWS-7

U09 POWER SUPPLY PC BOARD (NAPS-8506)

Component side

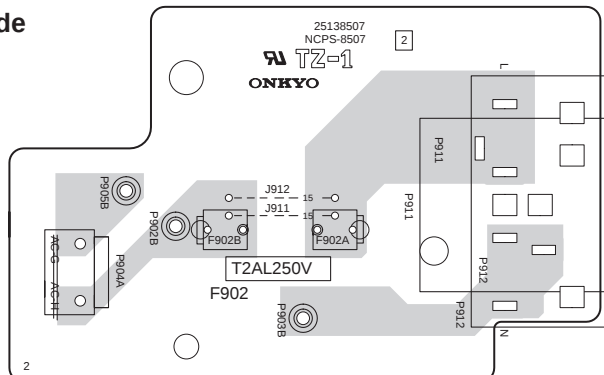


Soldering side



U10 OUTLET PC BOARD (NAPS-8507)

Component side



A

B

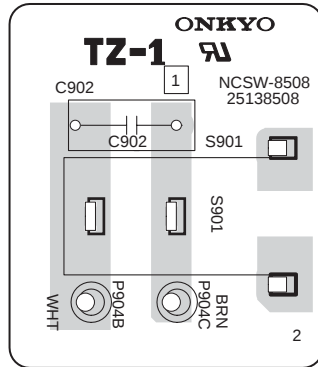
C

D

PRINTED CIRCUIT BOARD VIEWS-8

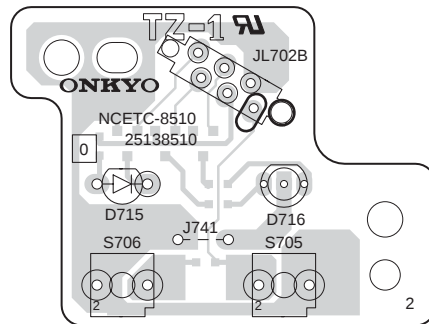
U11 POWER SWITCH PC BOARD (NASW-8508)

Component side

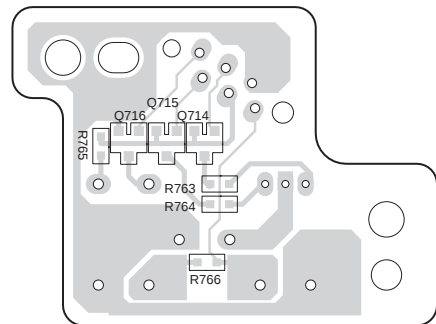


U13 SWITCH PC BOARD (NAETC-8510)

Component side



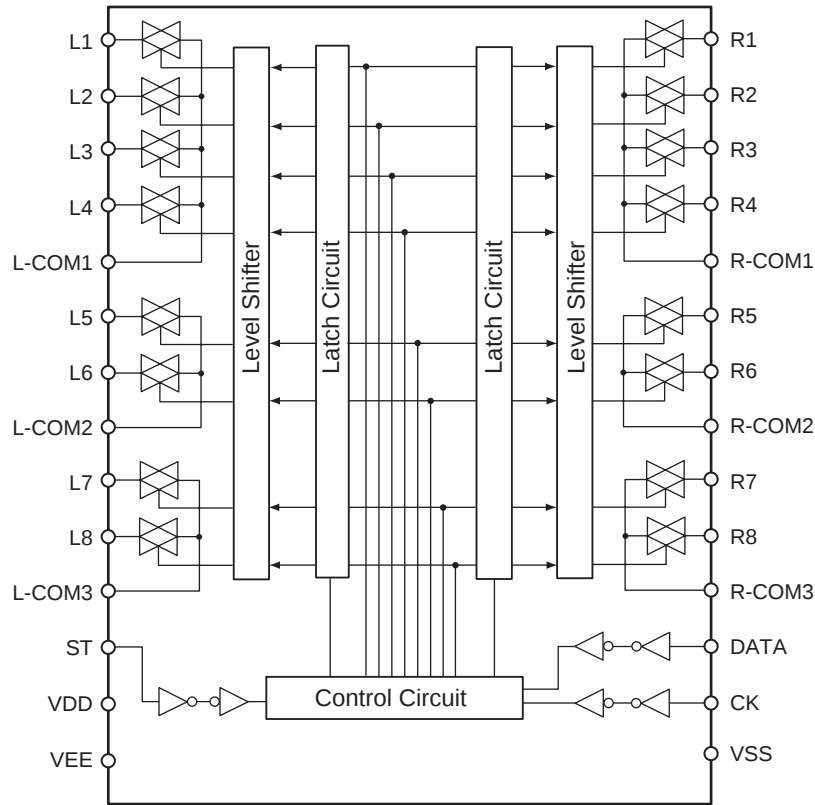
Soldering side



IC BLOCK DIAGRAMS AND TERMINAL DESCRIPTIONS

Q204 : NJU7313AM (Analog Function Switch)

BLOCK DIAGRAM



TERMINAL DESCRIPTION

Pin No.	Pin Name	Description
1	VEE	Negative Voltage Supply
2	L1	Analog switch input/output
3	L2	Analog switch input/output
4	L3	Analog switch input/output
5	L4	Analog switch input/output
6	L-COM1	L1, L2, L3, L4 Common
7	L5	Analog switch input/output
8	L6	Analog switch input/output
9	L-COM2	L5, L6 common
10	L7	Analog switch input/output
11	L8	Analog switch input/output
12	L-COM3	L7, L8 Common
14	ST	Chip enable
15	VSS	GND

Pin No.	Pin Name	Description
16	CK	Clock input
17	DATA	Data input
19	R-COM3	R7, R8 Common
20	R8	Analog switch input/output
21	R7	Analog switch input/output
22	R-COM2	R5, R6 Common
23	R6	Analog switch input/output
24	R5	Analog switch input/output
25	R-COM1	R1, R2, R3, R4 Common
26	R4	Analog switch input/output
27	R3	Analog switch input/output
28	R2	Analog switch input/output
29	R1	Analog switch input/output
30	VDD	Positive voltage supply

MICROPROCESSOR TERMINAL DESCRIPTIONS-1

Q701 : MPD780022AGC-166-8BS

Pin No.	Pin name	I/O	Act.	Description
1	PHONO LED	O	L	PHONO LED control output.
2	POWER LED	O	L	POWER LED (green) control output.
3	MAIN IN LED	O	H	MIAN IN LED control output.
4	DIRECT LED	O	H	DIRECT LED (green) control output.
5	TONE LED	O	H	TONE LED (red) control output.
6	SP-B LED	O	H	SPEAKERS-B LED control output.
7	SP-A LED	O	H	SPEAKERS-A LED control output.
8	STANDBY LED	O	H	STANDBY LED (red) control output.
9	VSS0	---	---	Ground.
10	VDD0	---	---	Power supply. (+5V)
11	PROTECT I	I	H	Over current & thermal detection input.
12	PROTECT V	I	H	DC voltage detection input.
13	NU	---	---	Not used.
14	NU	---	---	Not used.
15	FUNC DATA	O	L	Serial data output to function switch.
16	FUNC CLK	O	L	Serial clock output to function switch.
17	FUNC STB	O	L	Strobe output to function switch.
18	SO	O	L	For writing of flash microprocessor.
19	SI	O	L	For writing of flash microprocessor.
20	SCK	O	L	For writing of flash microprocessor.
21	NU	---	---	Not used.
22	NU	---	---	Not used.
23	HS	O	L	For writing of flash microprocessor.
24	VDD1	---	---	Power supply. (+5V)
25	AVSS	---	---	Power supply for A/D converter. (+5V)
26	NU	---	---	Not used. (Connect to ground)
27	NU	---	---	Not used. (Connect to ground)
28	NU	---	---	Not used. (Connect to ground)
29	MODE	I	A/D	Initial setting. (Model setting)
30	SELECTOR	---	A/D	For writing of flash microprocessor.
31	K2	I	A/D	Key input.
32	K1	I	A/D	Key input.
33	K0	I	A/D	Key input.
34	AVREF	---	---	Power supply for A/D converter. (+5V)
35	AVDD	---	---	Power supply. (+5V)
36	RESET	I	L	Reset signal input.
37	XT2	---	---	Not used.
38	XT1	---	---	Not used.
39	IC	I	L	For writing of flash microprocessor.
40	OSC2	O	CLK	Crystal oscillation circuit input. (8MHz)

MICROPROCESSOR TERMINAL DESCRIPTIONS-2

Q701 : MPD780022AGC-166-8BS

Pin No.	Pin name	I/O	Act..	Description
41	X1	I	CLK	Crystal oscillation circuit input. (8MHz)
42	VSS1	---	---	Ground.
43	REMIN	I	H	Signal input from remote sensor.
44	K0(STANDBY/ON)	I	A/D	K0 (STANDBY/ON) key input.
45	POFF	I	L	Power failure detection input.
46	SYSIN	I	L	System control (RI) signal input.
47	SYSOUT	O	L	System control (RI) signal output.
48	HP IN	I	H	Phones detection signal input.
49	SPA RL	O	H	SPEAKERS-A relay control output.
50	SPB RL	O	H	SPEAKERS-B relay control output.
51	NF MUTE	O	H	Muting control output of Power amplifier section.
52	HPMUT	O	H	Muting control output of headphone amplifier section.
53	AMUT	O	H	Muting control output of pre-amplifier section.
54	ACPOWER	O	H	Main power relay control output.
55	PWM CNT	O	H	PWM control output of Power amplifier section.
56	MAIN IN	O	H	MAIN IN input selector control output.
57	VOLUP	O	H	Motor volume control output.
58	VOLDN	O	H	Motor volume control output.
59	TONE/DIRECT	O	H	TONE / DIRECT selector control output.
60	TAPE LED	O	H	TAPE LED control output.
61	MD LED	O	H	MD LED control output.
62	LINE LED	O	H	LINE LED control output.
63	CD LED	O	H	CD LED control output.
64	TUNER LED	O	H	TUNER LED control output.

ADJUSTMENT PROCEDURE

DC OFFSET ADJUSTMENT

[When]

1. Exchange the parts on the POWER AMPLIFIER PC board (NAAF-8496).
2. Exchange the POWER AMPLIFIER PC board ass'y (NAAF-8496)

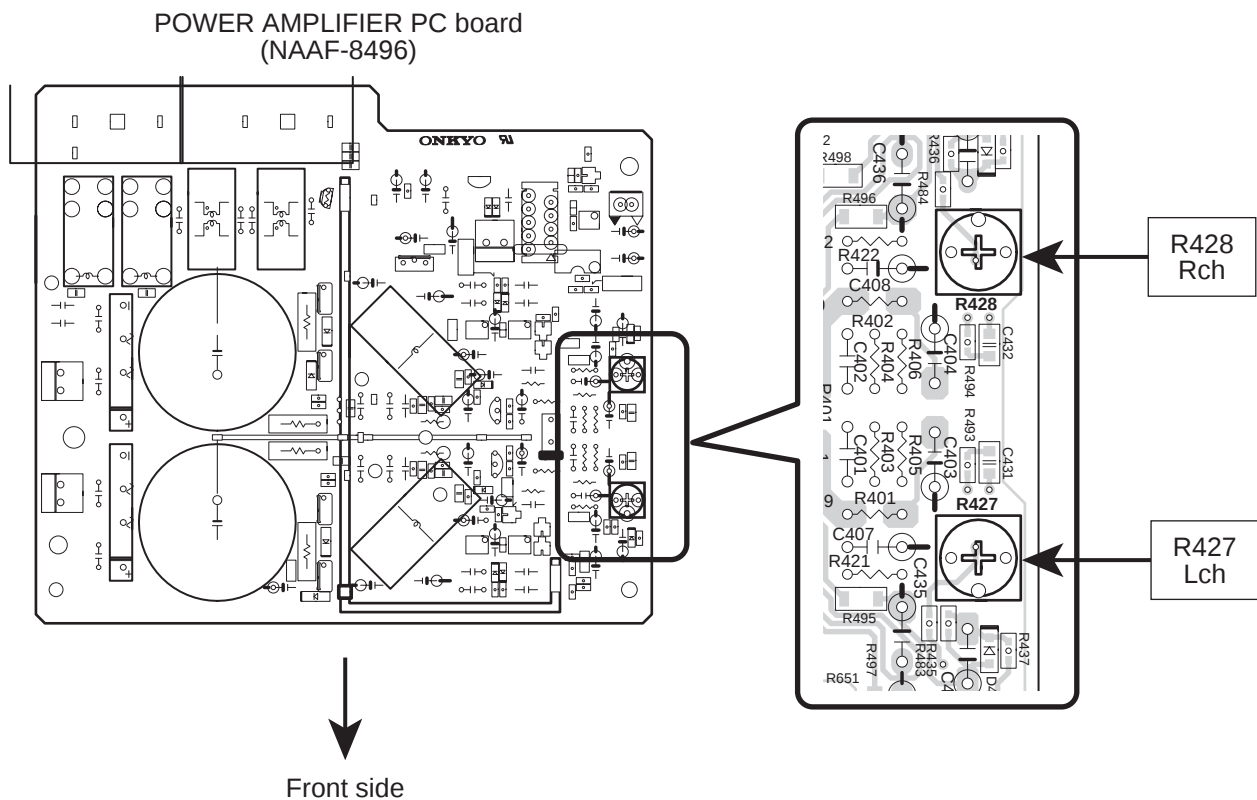
[Procedure]

<Notes>

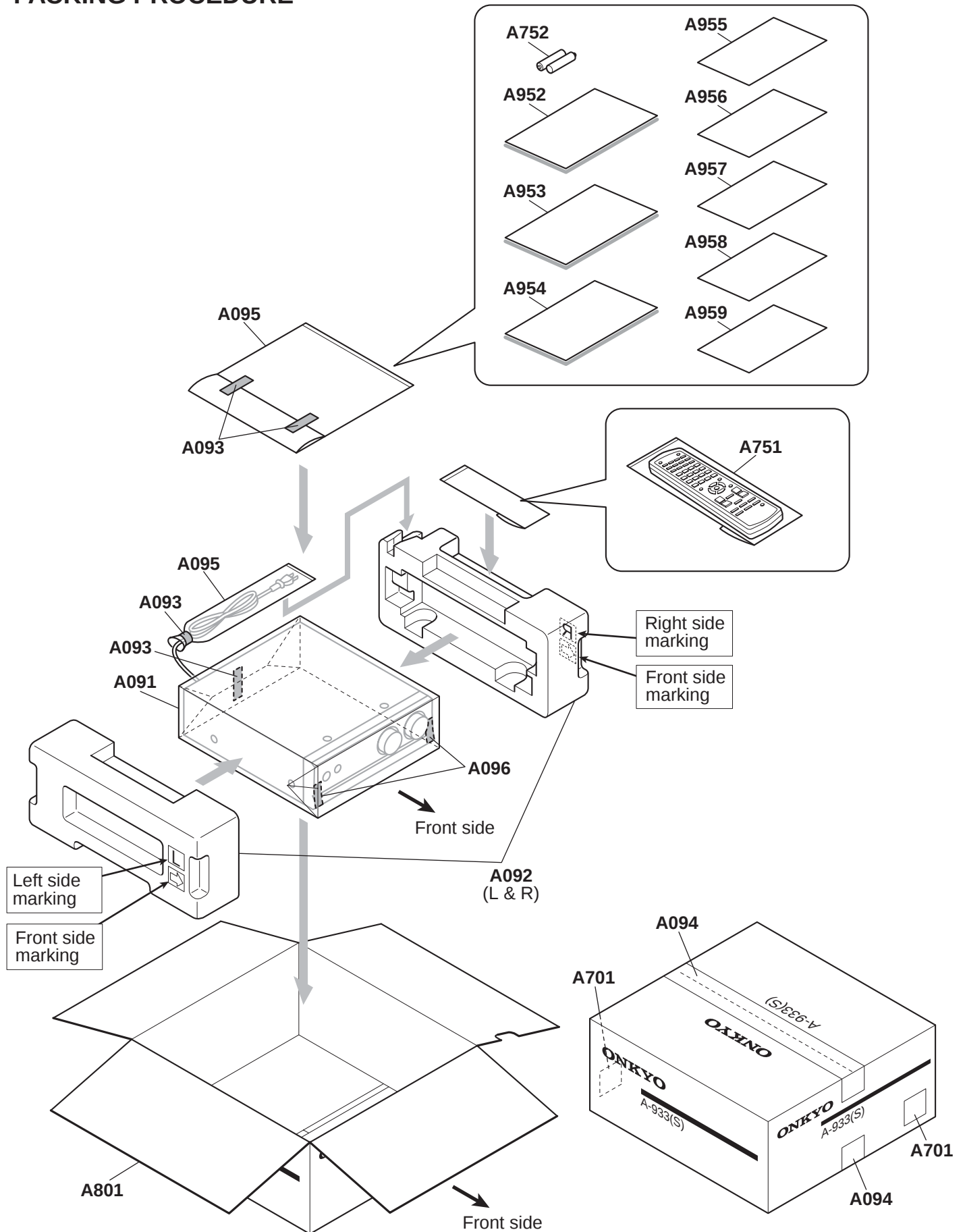
No load and No signal

1. Connect to DC voltmeter to the SPEAKER terminals.
2. Connect the power cord to the wall outlet.
3. Press the POWER switch to unit is power on.
4. Adjust the trimming resistor R427 (Lch) and R428 (Rch) so that the reading of DC voltmeter becomes DC 0 +/-10 mV.
Refer to <Fig-1> .
5. Wait for 2 minutes.
6. Adjust the trimming resistor R427 (Lch) and R428 (Rch) so that the reading of DC voltmeter becomes DC 0 +/-10 mV.
Spec. : 0 +/- 10 mV
7. Press the POWER switch to unit is power off.
8. Disconnect the DC voltmeter.
9. Disconnect the power cord from the wall outlet.

<Fig-1>



PACKING PROCEDURE



A-933**<Note>**

Parts marked by '**NSP**' are generally unavailable because they are not in our Master Spare Parts List.

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

<Notes>

(S) : Silver model

(B) : Black model

[U] : Made in Japan

[M] : Made in Malaysia

EXPLODED VIEW PARTS LIST

	REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO	REMARKS
EV	A001	F BRACKET	(AS)	1	27111401	(S)
EV	A001	F BRACKET	(AS)	1	27111437	(B)
EV	A002	SCREW	3TTB+8B(CU)SR	29	801618	
EV	A003	SPACER	t0.5 x 8 x 3.2	2	27270438	
EV	A005	SCREW	3P+10FN(3BC)	2	82143010GR	
EV	A007	KNOB	(POW)	1	28326285	(S)
EV	A007	KNOB	(POW) (B)	1	28326454	(B)
EV	A021	CHASSIS	---	1	---	NSP
EV	A022	LEG	AS	4	27175408A	(S)
EV	A022	LEG	AS (B)	4	27175429	(B)
EV	A024	SCREW	3TTB+8B(3BC)	15	838430088GR	
EV	A025	RETAINER	(PC)	2	27141964	
EV	A027	SHLD PLT	(POW)	1	27150499	
EV	A029	BRACKET	(T)	1	27130978	
EV	A032	SCREW	4TTC+8C(3BC)	8	830440089GR	
EV	A033	HOLDER	KGLS-6S	2	27190011	
EV	A037	TAPE	TAPE(CLOTH-16U)	(1)	29110083	

EV	A038	SCREW	3TTB+8B(3BC) CLAW	17	801525GR	
EV	A039	TRM	GND TERMINAL	1	25060151	
EV	A040	WASHER	W3 x 10F(3BC)	1	87643010GR	
EV	A043	RETAINER	(S)	1	27141984	
EV	A044	ISO PLT	---	1	28175314	
EV	A045	SPACER	---	2	27270439	
EV	A047	RIVET	P-RIVET NRP-345	1	880009	
EV	A051	F PANEL	---	1	27212738A	(S)
EV	A051	F PANEL	(B)	1	27212869	(B)
EV	A053	CLEAR PLT	(RE)	1	28192060	(S)
EV	A053	CLEAR PLT	(RE)	1	28192087	(B)
EV	A054	FACET	(SEL)	1	28198994A	
EV	A055	FACET	(SP)	2	28198995	
EV	A056	FACET	(STANDBY)	1	28198996	
EV	A057	GUIDE	(KNOB)	1	27268137	(S)
EV	A057	GUIDE	(KNOB) (B)	1	27268173	(B)
EV	A061	DOOR	---	1	28148598A	(S)
EV	A061	DOOR	(B)	1	28148640	(B)
EV	A062	HINGE	(L)	1	28180172	(S)
EV	A062	HINGE	(L) (B)	1	28180174	(B)
EV	A063	HINGE	(R)	1	28180173	(S)

EV	A063	HINGE	(R) (B)	1	28180175	(B)
EV	A064	HOLDER	(L)	1	27191242	(S)
EV	A064	HOLDER	(L) (B)	1	27191270	(B)
EV	A065	HOLDER	(R)	1	27191243	(S)
EV	A065	HOLDER	(R) (B)	1	27191271	(B)
EV	A066	SCREW	3SMS8W.SW+14B(CU)	1	801634	
EV	A067	SCREW	2.6TTB+8B(3BC)	4	838426088GR	
EV	A068	CUSHION	CUSHION(MARU)	2	28140860	
EV	A069	CUSHION	---	2	28141636	
EV	A071	KNOB	(VOL)AS	1	28326290A	(S)
EV	A071	KNOB	(VOL)AS (B)	1	28326452	(B)
EV	A072	KNOB	(SEL)AS	1	28326291A	(S)
EV	A072	KNOB	(SEL)AS (B)	1	28326453	(B)
EV	A073	KNOB	(TD)	3	28326286	(S)
EV	A073	KNOB	(TD) (B)	3	28326455	(B)
EV	A075	CUSHION	LEG	2	28141635	
EV	A081	COVER	---	1	28184913A	(S)
EV	A081	COVER	(B)	1	28184958	(B)
EV	A082	SCREW	3TTB+8B(NI)	9	838230088	(S)
EV	A082	SCREW	3TTB+8B(3BC)	9	838430088GR	(B)
EV	A083	SCREW	(HFC)	2	801599	(S)
EV	A083	SCREW	(HFC)	2	801597GRA	(B)
EV	A084	WASHER	W2.6 x 7.5	1	87760309	
PV	A096	LABEL	(COVER)	1	29364173	(S)
PV	A096	LABEL	(COVER)	1	29364379	(B)
PV	A101	REAR PANEL	---	1	27123397A	[U]
PV	A101	REAR PANEL	---	1	27123896	[M]
PV	A102	BUSHING	S-RELIEF #2271	1	27300750	!
EV	A105	SPEC LABEL	RATING 0.43A-0.42A MAX	1	29364796	!
PV	A755	P RIVET	P-3055B-8L	8	880048	
EV	E401	WIRE TIE	BSK-1	6	260208	
EV	E402	CLIP	CS-1U	1	27255004	

EV	F901	FUSE	3.15A-SE-EAK FUSE	1	252076	!
EV	F901C	FUSE LABEL	T3.15AL250V	1	29362779	!
EV	F902	FUSE	2A-SE-EAK FUSE	1	252074	!
EV	P201A	SHORT PIN	YKV11-0435N	2	25056583	
EV	P312	HOLDER	(CRAMP) UA-0 V0	1	27190608-1	
EV	P701	FFC	NCFC5-153012	1	2045153012	
EV	P901	AC CORD	AS-CEE	1	253335HIT	!
EV	P901 or	AC CORD	AS-CEE	(1)	253336VOL	!
EV	P901A	CORE	RFC-10	1	230986	!
EV	T901	P TRANS	NPT-1521P	1	2301815	!
EV	T902	P TRANS	NPT-1522P	1	2301817	!
EV	U01	POWER AMPLIFIER PC board ass'y	NAAF-8496-1B	1	1B057596-1B	
EV	U02	PRE-AMPLIFIER PC board ass'y	NAAF-8499-1 &	1	1B057599-1	
EV	---	---	NAAF-8500-1	---	---	
EV	<Note>					
EV	Ref No. : U02 ---> PRE-AMPLIFIER PC board = NAAF-8294-1 + NAAF-8500-1					
EV	U04	VOLUME PC board ass'y	NAETC-8501-1 &	1	1B057501-1	
EV	---	---	NAETC-8502-1	---	---	
EV	<Note>					
EV	Ref No. : U04 ---> VOLUME PC board = NAETC-8501-1 + NAETC-8502-1					

EV	U06	HEADPHONE JACK PC board ass'y	NAETC-8503-1	1	1B057503-1	
EV	U08	MICROPROCESSOR PC board ass'y	NADG-8505-1B	1	1B057505-1B	
EV	U09	POWER SUPPLY PC board ass'y	NAPS-8506-1B	1	1B057506-1B	
EV	U10	OUTLET PC board ass'y	NAPS-8507-1B	1	1B057507-1B	
EV	U11	POWER SWITCH PC board ass'y	NASW-8508-1B	1	1B057508-1B	
EV	U13	SWITCH PC board ass'y	NAETC-8510-1B	1	1B057510-1B	
EV	U14	SPACER PC board	NAETC-8511-1B	1	1B057511-1B	

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PC BOARD PARTS LIST

PCB1 U01 POWER AMPLIFIER PC BOARD (NAAF-8496-1B)

PCB1

PCB1	CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO	REMARKS
PCB1	Q413	IC	TC74AC14FT	1	22242217R2	
PCB1	Q414	IC	TC74AC14FT	1	22242217R2	
PCB1	Q415	IC	TC74AC00FT	1	22242244R2	
PCB1	Q416	IC	TC74AC00FT	1	22242244R2	
PCB1	Q525	IC	78M09HF(NJM78M09FA)	1	222780095JRC	
PCB1	Q526	IC	78L05(NJM78L05UA)	1	222780053R2JR	
PCB1	Q529	IC	78L05(NJM78L05UA)	1	222780053R2JR	
PCB1	Q530	IC	78L05(NJM78L05UA)	1	222780053R2JR	
PCB1	Q536	IC	78M09HF(NJM78M09DL1A)	1	222780095R2JR	
PCB1	Q613	IC	M51957BFP	1	22241239R2	
PCB1	Q401	TR	HN3C51F-BL	1	2217185R2	
PCB1	Q402	TR	HN3C51F-BL	1	2217185R2	
PCB1	Q403	TR	2SC2712-GR	1	2213145R2	
PCB1	Q404	TR	2SC2712-GR	1	2213145R2	
PCB1	Q405	TR	HN3A51F	1	2217190R2	
PCB1	Q406	TR	HN3A51F	1	2217190R2	
PCB1	Q407	TR	HN3A51F	1	2217190R2	
PCB1	Q408	TR	HN3A51F	1	2217190R2	

PCB1	Q409	TR	HN3C51F-BL	1	2217185R2	
PCB1	Q410	TR	HN3C51F-BL	1	2217185R2	
PCB1	Q411	TR	2SC2713-GR	1	2213135R2	
PCB1	Q412	TR	2SC2713-GR	1	2213135R2	
PCB1	Q417	TR	HN3A51F	1	2217190R2	
PCB1	Q418	TR	HN3A51F	1	2217190R2	
PCB1	Q419	TR	RN1441	1	2215410R2	
PCB1	Q420	TR	RN1441	1	2215410R2	
PCB1	Q501	TR	2SC2713-GR	1	2213135R2	
PCB1	Q502	TR	2SC2713-GR	1	2213135R2	
PCB1	Q503	TR	2SC2712-GR	1	2213145R2	
PCB1	Q504	TR	2SC2712-GR	1	2213145R2	
PCB1	Q513	TR	TPC6901	1	2217170R2	
PCB1	Q514	TR	TPC6901	1	2217170R2	
PCB1	Q515	TR	TPC6901	1	2217170R2	
PCB1	Q516	TR	TPC6901	1	2217170R2	
PCB1	Q517	TR	TPC6901	1	2217170R2	
PCB1	Q518	TR	TPC6901	1	2217170R2	
PCB1	Q519	TR	TPC6901	1	2217170R2	

PCB1	Q520	TR	TPC6901	1	2217170R2	
PCB1	Q521	TR	IRFB23N15D	1	2203920	
PCB1	Q522	TR	IRFB23N15D	1	2203920	
PCB1	Q523	TR	IRFB23N15D	1	2203920	
PCB1	Q524	TR	IRFB23N15D	1	2203920	
PCB1	Q531	TR	2SA1837	1	2202790	
PCB1	Q532	TR	2SC4793	1	2202800	
PCB1	Q533	TR	2SC2712-GR	1	2213145R2	
PCB1	Q534	TR	2SA1162-GR	1	2214375R2	
PCB1	Q601	TR	2SA1163-BL	1	2216756R2	
PCB1	Q602	TR	2SA1163-BL	1	2216756R2	
PCB1	Q603	TR	2SC2712-GR	1	2213145R2	
PCB1	Q604	TR	2SC2712-GR	1	2213145R2	
PCB1	Q605	TR	HN3A51F	1	2217190R2	
PCB1	Q606	TR	RN2402	1	2214530R2	
PCB1	Q607	TR	RN1402	1	2214470R2	
PCB1	Q608	TR	HN3A51F	1	2217190R2	
PCB1	Q609	TR	RN1402	1	2214470R2	
PCB1	Q610	TR	2SA1162-GR	1	2214375R2	
PCB1	Q614	TR	RN1407	1	2216260R2	
PCB1	Q616	TR	RN1402	1	2214470R2	
PCB1	Q617	TR	RN1402	1	2214470R2	
PCB1	Q618	TR	RN1402	1	2214470R2	
PCB1	Q619	TR	RN1402	1	2214470R2	
PCB1	Q621	TR	RN2404	1	2214550R2	
PCB1	Q622	TR	RN2404	1	2214550R2	
PCB1	Q672	TR	RN2402	1	2214530R2	
PCB1	Q673	TR	RN1402	1	2214470R2	
PCB1	Q674	TR	2SA950-Y	1	2211504	
PCB1	Q521A	ISO SHEET	M80 D-2	1	223037	
PCB1	Q521B	TR ACCY	AC316A	1	223033	
PCB1	Q521C	SCREW	3TTB+8B(CU)SR	1	801618	

PCB1	Q521D	HEAT SINK	209	1	27160566	
PCB1	Q521E	HEAT SINK	(215)	1	27160572	
PCB1	Q521F	SCREW	3TTB+8B(CU)SR	2	801618	
PCB1	Q522A	ISO SHEET	M80 D-2	1	223037	
PCB1	Q522B	TR ACCY	AC316A	1	223033	
PCB1	Q522C	SCREW	3TTB+8B(CU)SR	1	801618	
PCB1	Q523A	ISO SHEET	M80 D-2	1	223037	
PCB1	Q523B	TR ACCY	AC316A	1	223033	
PCB1	Q523C	SCREW	3TTB+8B(CU)SR	1	801618	
PCB1	Q524A	ISO SHEET	M80 D-2	1	223037	
PCB1	Q524B	TR ACCY	AC316A	1	223033	
PCB1	Q524C	SCREW	3TTB+8B(CU)SR	1	801618	
PCB1	Q615	PHT CP	TLP283-4	1	24120130R2	
PCB1	Q671	PHT CP	TLP521-1	1	24120032	
PCB1	D401	ZENER D	UDZS5.6B	1	224550560R2	
PCB1	D402	ZENER D	UDZS5.6B	1	224550560R2	
PCB1	D403	C-DIODE	1SS352	1	223234R2	
PCB1	D404	C-DIODE	1SS352	1	223234R2	
PCB1	D405	C-DIODE	1SS352	1	223234R2	

PCB1	D406	C-DIODE	1SS352	1	223234R2	
PCB1	D407	C-DIODE	1SS352	1	223234R2	
PCB1	D408	C-DIODE	1SS352	1	223234R2	
PCB1	D409	C-DIODE	1SS352	1	223234R2	
PCB1	D410	C-DIODE	1SS352	1	223234R2	
PCB1	D411	C-DIODE	1SS352	1	223234R2	
PCB1	D412	C-DIODE	1SS352	1	223234R2	
PCB1	D413	C-DIODE	1SS352	1	223234R2	
PCB1	D414	C-DIODE	1SS352	1	223234R2	
PCB1	D501	DIODE	M1FL20U	1	223276R2	
PCB1	D502	DIODE	M1FL20U	1	223276R2	
PCB1	D503	DIODE	M1FL20U	1	223276R2	
PCB1	D504	DIODE	M1FL20U	1	223276R2	
PCB1	D505	DIODE	M1FL20U	1	223276R2	
PCB1	D506	DIODE	M1FL20U	1	223276R2	
PCB1	D511	C-DIODE	1SS352	1	223234R2	
PCB1	D512	C-DIODE	1SS352	1	223234R2	
PCB1	D514	ZENER D	UDZS15B	1	224551500R2	
PCB1	D515	ZENER D	UDZS15B	1	224551500R2	
PCB1	D517	DIODE	D15XB60	1	22380347F	
PCB1	D517A	HEAT-SINK	HEAT-SINK(DX-200)	1	27160166	
PCB1	D517B	SCREW	3P+10FN(3BC)	1	82143010GR	
PCB1	D518	DIODE	D15XB60	1	22380347F	
PCB1	D518A	HEAT-SINK	HEAT-SINK(DX-200)	1	27160166	
PCB1	D518B	SCREW	3P+10FN(3BC)	1	82143010GR	
PCB1	D519	C-DIODE	S1NB60-4062	1	22380318R2	
PCB1	D521	C-DIODE	1SS357	1	223281R2	
PCB1	D522	C-DIODE	1SS357	1	223281R2	
PCB1	D523	C-DIODE	1SS357	1	223281R2	
PCB1	D524	C-DIODE	1SS357	1	223281R2	
PCB1	D525	C-DIODE	1SS352	1	223234R2	
PCB1	D526	C-DIODE	1SS352	1	223234R2	

PCB1	D527	C-DIODE	1SS352	1	223234R2	
PCB1	D528	C-DIODE	1SS352	1	223234R2	
PCB1	D551	ZENER D	UDZS5.6B	1	224550560R2	
PCB1	D552	ZENER D	UDZS5.6B	1	224550560R2	
PCB1	D601	C-DIODE	1SS352	1	223234R2	
PCB1	D602	C-DIODE	1SS352	1	223234R2	
PCB1	D603	C-DIODE	1SS352	1	223234R2	
PCB1	D604	C-DIODE	1SS352	1	223234R2	
PCB1	L501	CHOKE COIL	NCH-1536	1	231357K220	
PCB1	L502	CHOKE COIL	NCH-1536	1	231357K220	
PCB1	L505	CHOKE COIL	NCH-1537	1	231358	
PCB1	L506	CHOKE COIL	NCH-1537	1	231358	
PCB1	C401	TF C	ECQ-B50V-221K	1	374722215	
PCB1	C402	TF C	ECQ-B50V-221K	1	374722215	
PCB1	C403	RFS C	CE04W25V-47M(RFS)	1	395954707	
PCB1	C404	RFS C	CE04W25V-47M(RFS)	1	395954707	
PCB1	C405	TF C	ECQ-B50V-221K	1	374722215	
PCB1	C406	TF C	ECQ-B50V-221K	1	374722215	
PCB1	C407	RFS C	CE04W25V-47M(RFS)	1	395954707	

PCB1	C408	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB1	C409	VX C	CE04W16V-22M(VX)	1	393342207
PCB1	C410	VX C	CE04W16V-22M(VX)	1	393342207
PCB1	C411	TF C	ECQ-V50V-104J	1	374721044
PCB1	C412	TF C	ECQ-V50V-104J	1	374721044
PCB1	C417	FLIM C	ECQP50V-102F	1	3800038S
PCB1	C418	FLIM C	ECQP50V-102F	1	3800038S
PCB1	C419	FLIM C	ECQP50V-102F	1	3800038S
PCB1	C420	FLIM C	ECQP50V-102F	1	3800038S
PCB1	C421	TF C	ECQ-B50V-101J	1	374721014
PCB1	C422	TF C	ECQ-B50V-101J	1	374721014
PCB1	C423	TF C	ECQ-B50V-101J	1	374721014
PCB1	C424	TF C	ECQ-B50V-101J	1	374721014
PCB1	C427	C-CERA C	CK725F1C-224Z1	1	332172240R1
PCB1	C428	C-CERA C	CK725F1C-224Z1	1	332172240R1
PCB1	C429	VX C	CE04W6.3V-100M(VX)	1	393321017
PCB1	C430	VX C	CE04W6.3V-100M(VX)	1	393321017
PCB1	C431	C-FILM C	ECHU50V-681J	1	373026814R2
PCB1	C432	C-FILM C	ECHU50V-681J	1	373026814R2
PCB1	C435	VX C	CE04W16V-100M(VX)	1	393341017
PCB1	C436	VX C	CE04W16V-100M(VX)	1	393341017
PCB1	C437	VX C	CE04W16V-100M(VX)	1	393341017
PCB1	C438	VX C	CE04W16V-100M(VX)	1	393341017
PCB1	C505	VX C	CE04W50V-10M(VX)	1	393381007
PCB1	C506	VX C	CE04W50V-10M(VX)	1	393381007
PCB1	C507	ELECT C	CE04W35V-33M(VZ)	1	394563307
PCB1	C508	ELECT C	CE04W35V-33M(VZ)	1	394563307
PCB1	C509	ELECT C	CE04W63V-47M(VZ)	1	394574707
PCB1	C510	ELECT C	CE04W63V-47M(VZ)	1	394574707
PCB1	C511	ELECT C	CE04W16V-100M(VZ)	1	394541017
PCB1	C512	ELECT C	CE04W16V-100M(VZ)	1	394541017
PCB1	C517	ELECT C	CE69W63V-12000M	1	3504429

PCB1	C518	ELECT C	CE69W63V-12000M	1	3504429	
PCB1	C519	TF C	ECQ-V100-334J	1	374733344	
PCB1	C520	TF C	ECQ-V100-334J	1	374733344	
PCB1	C521	TF C	ECQ-V100-334J	1	374733344	
PCB1	C522	TF C	ECQ-V100-334J	1	374733344	
PCB1	C523	TF C	ECQ-V50V-334J	1	374723344	
PCB1	C524	TF C	ECQ-V50V-334J	1	374723344	
PCB1	C525	VX C	CE04W35V-470M(VX)	1	393364717S	
PCB1	C527	VX C	CE04W16V-47M(VX)	1	393344707	
PCB1	C531	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
PCB1	C532	C-CERA C	CK725X7R2E-334K5	1	332213345R1	
PCB1	C535	ELECT C	CE04W16V-100M(VZ)	1	394541017	
PCB1	C536	ELECT C	CE04W16V-100M(VZ)	1	394541017	
PCB1	C537	ELECT C	CE04W16V-330M(VZ)	1	394543317	
PCB1	C538	ELECT C	CE04W16V-330M(VZ)	1	394543317	
PCB1	C539	TF C	ECQ-V100-334J	1	374733344	
PCB1	C540	TF C	ECQ-V100-334J	1	374733344	
PCB1	C541	C-CERA C	CK725F1C-224Z1	1	332172240R1	
PCB1	C542	C-CERA C	CK725F1C-224Z1	1	332172240R1	

PCB1	C543	TF C	ECQ-V100-153J	1	374731534	
PCB1	C544	TF C	ECQ-V100-153J	1	374731534	
PCB1	C546	TF C	ECQ-B100V-102J	1	374731024	
PCB1	C547	TF C	ECQ-V100-103J	1	374731034	
PCB1	C548	TF C	ECQ-V100-103J	1	374731034	
PCB1	C550	TF C	ECQ-B100V-102J	1	374731024	
PCB1	C553	C-CERA C	CK725F1C-224Z1	1	332172240R1	
PCB1	C554	C-CERA C	CK725F1C-224Z1	1	332172240R1	
PCB1	C555	C-CERA C	CK725R2J-471K3	1	332194715R1	
PCB1	C556	C-CERA C	CK725R2J-471K3	1	332194715R1	
PCB1	C561	C-CERA C	CC725CH1H-271J1	1	342102714R1	
PCB1	C562	C-CERA C	CC725CH1H-271J1	1	342102714R1	
PCB1	C563	C-CERA C	CC732CH1H-101J	1	347341014R1	
PCB1	C564	C-CERA C	CC732CH1H-101J	1	347341014R1	
PCB1	C565	C-CERA C	CK725R2J-471K3	1	332194715R1	
PCB1	C566	C-CERA C	CK725R2J-471K3	1	332194715R1	
PCB1	C571	VX C	CE04W35V-47M(VX)	1	393364707	
PCB1	C572	ELECT C	CE04W35V-47M(VZ)	1	394564707	
PCB1	C581	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB1	C582	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB1	C583	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB1	C584	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB1	C585	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB1	C586	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB1	C589	TF C	ECQ-B50V-103J	1	374721034	
PCB1	C590	TF C	ECQ-B50V-103J	1	374721034	
PCB1	C591	C-CERA C	CC725CH1H-271J1	1	342102714R1	
PCB1	C592	C-CERA C	CC725CH1H-271J1	1	342102714R1	
PCB1	C595	TF C	ECQ-B50V-102J	1	374721024	
PCB1	C596	TF C	ECQ-B50V-102J	1	374721024	
PCB1	C601	C-CERA C	CK725B1H-103K1	1	332101035R1	
PCB1	C602	C-CERA C	CK725B1H-103K1	1	332101035R1	

PCB1	C603	C-CERA C	CK725B1H-103K1	1	332101035R1	
PCB1	C604	C-CERA C	CK725B1H-103K1	1	332101035R1	
PCB1	C605	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB1	C606	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB1	C607	VX C	CE04W35V-100M(VX)	1	393361017	
PCB1	C608	C-CERA C	CK725F1H-224Z1	1	332152240R1	
PCB1	C610	VX C	CE04W50V-1M(VX)	1	393380107	
PCB1	C611	C-CERA C	CC725CH1H-101J1	1	342101014R1	
PCB1	C612	C-CERA C	CK725B1H-103K1	1	332101035R1	
PCB1	C613	C-CERA C	CK725B1H-103K1	1	332101035R1	
PCB1	C614	VX C	CE04W50V-4.7M(VX)	1	393380477	
PCB1	C615	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB1	R401	CARBON R	R16J-2.2K	1	417342224	
PCB1	R402	CARBON R	R16J-2.2K	1	417342224	
PCB1	R403	CARBON R	R16J-220K	1	417342244	
PCB1	R404	CARBON R	R16J-220K	1	417342244	
PCB1	R405	CARBON R	R16J-56K	1	417345634	
PCB1	R406	CARBON R	R16J-56K	1	417345634	
PCB1	R407	C-CARBON R	RN72K1J-471JE	1	435034714R1	

PCB1	R408	C-CARBON R	RN72K1J-471JE	1	435034714R1	
PCB1	R409	C-CARBON R	RN72K1J-472JE	1	435034724R1	
PCB1	R410	C-CARBON R	RN72K1J-472JE	1	435034724R1	
PCB1	R411	C-CARBON R	RN72K1J-472JE	1	435034724R1	
PCB1	R412	C-CARBON R	RN72K1J-472JE	1	435034724R1	
PCB1	R413	C-CARBON R	RN72K1J-394JE	1	435033944R1	
PCB1	R414	C-CARBON R	RN72K1J-394JE	1	435033944R1	
PCB1	R415	CARBON R	R16J-47K	1	417344734	
PCB1	R416	CARBON R	R16J-47K	1	417344734	
PCB1	R417	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R418	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R419	CARBON R	R16J-2.2K	1	417342224	
PCB1	R420	CARBON R	R16J-2.2K	1	417342224	
PCB1	R421	CARBON R	R16J-47K	1	417344734	
PCB1	R422	CARBON R	R16J-47K	1	417344734	
PCB1	R423	C-CARBON R	RN72K1J-471JE	1	435034714R1	
PCB1	R424	C-CARBON R	RN72K1J-471JE	1	435034714R1	
PCB1	R427	TRIM R	N06HR100BC	1	5210359	
PCB1	R428	TRIM R	N06HR100BC	1	5210359	
PCB1	R429	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R430	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R431	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R432	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R433	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R434	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R435	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R436	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R437	C-CARBON R	RN72K1J-273JE	1	435032734R1	
PCB1	R438	C-CARBON R	RN72K1J-273JE	1	435032734R1	
PCB1	R439	C-CARBON R	RN72K1J-220JE	1	435032204R1	
PCB1	R440	C-CARBON R	RN72K1J-121FE (F class +1 / -1%)	1	435031212R1	
PCB1	<Note>					

PCB1	Circuit No. : R440 ---> Resistance tolerance : F class (+1 / -1 %)				
PCB1	R441	C-CARBON R	RN72K1J-562JE	1	435035624R1
PCB1	R442	C-CARBON R	RN72K1J-562JE	1	435035624R1
PCB1	R443	C-CARBON R	RN72K1J-473JE	1	435034734R1
PCB1	R444	C-CARBON R	RN72K1J-473JE	1	435034734R1
PCB1	R449	C-CARBON R	RN72K1J-391JE	1	435033914R1
PCB1	R450	C-CARBON R	RN72K1J-391JE	1	435033914R1
PCB1	R451	C-CARBON R	RN72K1J-391JE	1	435033914R1
PCB1	R452	C-CARBON R	RN72K1J-391JE	1	435033914R1
PCB1	R453	C-CARBON R	RN72K1J-222JE	1	435032224R1
PCB1	R454	C-CARBON R	RN72K1J-222JE	1	435032224R1
PCB1	R455	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R456	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R457	C-CARBON R	RN72K1J-222JE	1	435032224R1
PCB1	R458	C-CARBON R	RN72K1J-222JE	1	435032224R1
PCB1	R459	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R460	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R465	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R466	C-CARBON R	RN72K1J-000JE	1	435030004R1

PCB1	R467	C-CARBON R	RN72K1J-561JE	1	435035614R1	
PCB1	R468	C-CARBON R	RN72K1J-561JE	1	435035614R1	
PCB1	R469	C-CARBON R	RN72K1J-391JE	1	435033914R1	
PCB1	R470	C-CARBON R	RN72K1J-391JE	1	435033914R1	
PCB1	R471	C-CARBON R	RN72K1J-101JE	1	435031014R1	
PCB1	R472	C-CARBON R	RN72K1J-101JE	1	435031014R1	
PCB1	R481	C-CARBON R	RN72K1J-121FE (F class +1 / -1%)	1	435031212R1	
PCB1	<Note>					
PCB1	Circuit No. : R481 ---> Resistance tolerance : F class (+1 / -1 %)					
PCB1	R482	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R483	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB1	R484	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB1	R489	C-CARBON R	RN72K1J-123JE	1	435031234R1	
PCB1	R490	C-CARBON R	RN72K1J-123JE	1	435031234R1	
PCB1	R491	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R492	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R493	C-CARBON R	RN72K1J-122JE	1	435031224R1	
PCB1	R494	C-CARBON R	RN72K1J-122JE	1	435031224R1	
PCB1	R495	C-CARBON R	RN72K2E-221JE	1	435222214R1	
PCB1	R496	C-CARBON R	RN72K2E-221JE	1	435222214R1	
PCB1	R497	C-CARBON R	RN72K2E-221JE	1	435222214R1	
PCB1	R498	C-CARBON R	RN72K2E-221JE	1	435222214R1	
PCB1	R507	C-CARBON R	RN72K1J-820JE	1	435038204R1	
PCB1	R508	C-CARBON R	RN72K1J-820JE	1	435038204R1	
PCB1	R509	C-CARBON R	RN72K1J-820JE	1	435038204R1	
PCB1	R510	C-CARBON R	RN72K1J-820JE	1	435038204R1	
PCB1	R513	C-CARBON R	RN72K1J-561JE	1	435035614R1	
PCB1	R514	C-CARBON R	RN72K1J-561JE	1	435035614R1	
PCB1	R515	C-CARBON R	RN72K1J-561JE	1	435035614R1	
PCB1	R516	C-CARBON R	RN72K1J-561JE	1	435035614R1	
PCB1	R517	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R518	C-CARBON R	RN72K1J-330JE	1	435033304R1	

PCB1	R519	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R520	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R521	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R522	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R523	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R524	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R525	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R526	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R527	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R528	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R529	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R530	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R531	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R532	C-CARBON R	RN72K2E-033JE	1	435220334R1	
PCB1	R533	C-CARBON R	RN72K2E-047JE	1	435220474R1	
PCB1	R534	C-CARBON R	RN72K2E-047JE	1	435220474R1	
PCB1	R535	C-CARBON R	RN72K2E-100JE	1	435221004R1	
PCB1	R536	C-CARBON R	RN72K2E-100JE	1	435221004R1	
PCB1	R537	C-CARBON R	RN72K1J-563JE	1	435035634R1	

PCB1	R538	C-CARBON R	RN72K1J-563JE	1	435035634R1	
PCB1	R539	METAL P R	MPC78-2WK-0.1	1	4000145	
PCB1	R540	METAL P R	MPC78-2WK-0.1	1	4000145	
PCB1	R541	METAL P R	MPC78-2WK-0.1	1	4000145	
PCB1	R542	METAL P R	MPC78-2WK-0.1	1	4000145	
PCB1	R543	C-CARBON R	RN72K1J-563JE	1	435035634R1	
PCB1	R544	C-CARBON R	RN72K1J-563JE	1	435035634R1	
PCB1	R545	C-CARBON R	RN72K1J-104FE (F class +1 / -1%)	1	435031042R1	
PCB1	R546	C-CARBON R	RN72K1J-104FE (F class +1 / -1%)	1	435031042R1	
PCB1	R549	C-CARBON R	RN72K1J-104FE (F class +1 / -1%)	1	435031042R1	
PCB1	R550	C-CARBON R	RN72K1J-104FE (F class +1 / -1%)	1	435031042R1	
PCB1	<Note>					
PCB1	Circuit No. : R545, 546, 549, 550 ---> Resistance tolerance : F class (+1 / -1 %)					
PCB1	R551	C-CARBON R	RN72K3A-220JE	1	435322204R1	
PCB1	R552	C-CARBON R	RN72K3A-220JE	1	435322204R1	
PCB1	R557	METAL O R	RS1WBJ-470	1	443624714	
PCB1	R558	METAL O R	RS1WBJ-470	1	443624714	
PCB1	R559	C-CARBON R	RN72K2E-022JE	1	435220224R1	
PCB1	R560	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB1	R561	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB1	R562	C-CARBON R	RN72K1J-152JE	1	435031524R1	
PCB1	R563	C-CARBON R	RN72K1J-152JE	1	435031524R1	
PCB1	R564	C-CARBON R	RN72K2E-221JE	1	435222214R1	
PCB1	R565	C-CARBON R	RN72K2E-221JE	1	435222214R1	
PCB1	R571	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R572	C-CARBON R	RN72K1J-330JE	1	435033304R1	
PCB1	R573	C-CARBON R	RN72K2E-022JE	1	435220224R1	
PCB1	R574	C-CARBON R	RN72K2E-022JE	1	435220224R1	
PCB1	R575	C-CARBON R	RN72K1J-564JE	1	435035644R1	
PCB1	R576	C-CARBON R	RN72K1J-564JE	1	435035644R1	
PCB1	R577	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R578	C-CARBON R	RN72K1J-473JE	1	435034734R1	

PCB1	R579	C-CARBON R	RN72K2E-330JE	1	435223304R1	
PCB1	R580	C-CARBON R	RN72K2E-330JE	1	435223304R1	
PCB1	R581	C-CARBON R	RN72K1J-392JE	1	435033924R1	
PCB1	R582	C-CARBON R	RN72K1J-392JE	1	435033924R1	
PCB1	R583	C-CARBON R	RN72K1J-392JE	1	435033924R1	
PCB1	R584	C-CARBON R	RN72K1J-392JE	1	435033924R1	
PCB1	R585	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R586	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R591	C-CARBON R	RN72K2E-068JE	1	435220684R1	
PCB1	R592	C-CARBON R	RN72K2E-068JE	1	435220684R1	
PCB1	R595	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R596	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R597	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R598	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB1	R601	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R602	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R603	C-CARBON R	RN72K1J-223JE	1	435032234R1	
PCB1	R604	C-CARBON R	RN72K1J-223JE	1	435032234R1	
PCB1	R605	C-CARBON R	RN72K1J-104JE	1	435031044R1	

PCB1	R606	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R607	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB1	R608	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB1	R609	C-CARBON R	RN72K1J-223JE	1	435032234R1	
PCB1	R610	C-CARBON R	RN72K1J-223JE	1	435032234R1	
PCB1	R611	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R612	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R613	C-CARBON R	RN72K1J-562JE	1	435035624R1	
PCB1	R614	C-CARBON R	RN72K1J-823JE	1	435038234R1	
PCB1	R615	C-CARBON R	RN72K1J-823JE	1	435038234R1	
PCB1	R616	C-CARBON R	RN72K1J-682JE	1	435036824R1	
PCB1	R617	C-CARBON R	RN72K1J-562JE	1	435035624R1	
PCB1	R618	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R619	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R620	C-CARBON R	RN72K1J-153JE	1	435031534R1	
PCB1	R622	C-CARBON R	RN72K1J-471JE	1	435034714R1	
PCB1	R623	THERMISTOR	PTH9M04BD222TS2F333	1	4000151	
PCB1	R627	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R628	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB1	R629	C-CARBON R	RN72K1J-562JE	1	435035624R1	
PCB1	R630	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R631	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R632	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R633	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R634	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R635	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R636	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R637	C-CARBON R	RN72K1J-683JE	1	435036834R1	
PCB1	R638	C-CARBON R	RN72K1J-682JE	1	435036824R1	
PCB1	R639	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R640	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R641	C-CARBON R	RN72K1J-224JE	1	435032244R1	

PCB1	R642	C-CARBON R	RN72K1J-224JE	1	435032244R1	
PCB1	R643	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R653	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB1	R654	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB1	R671	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R672	C-CARBON R	RN72K1J-223JE	1	435032234R1	
PCB1	R673	C-CARBON R	RN72K1J-391JE	1	435033914R1	
PCB1	RL501	RELAY	NRL-2P5A-DC12-160	1	25065632	
PCB1	RL502	RELAY	NRL-2P5A-DC12-160	1	25065632	
PCB1	P401	SOCKET AS	NSAS-8P1490	1	2009990952UL	
PCB1	P501	TRM	NTM-4PDMN359	1	25060430	
PCB1	P503	PLUG	NPLG-2P149	1	25055165	
PCB1	P504	PLUG	NPLG-2P149	1	25055165	
PCB1	P505	PLUG	NPLG-2P149	1	25055165	
PCB1	P506	TRM	NTM-4PDMN359	1	25060430	
PCB1	P531	RETAINER	BUS-1	1	27141975	
PCB1	P532	RETAINER	BUS-2	1	27141976	
PCB1	P533	RETAINER	BUS-3	1	27141977	
PCB1	P534	RETAINER	BUS-3	1	27141977	

PCB1	P535	RETAINER	BUS-3	1	27141977	
PCB1	P602	PLUG	NPLG-2P29	1	25055038	
PCB1	E901	TRM (SCREW)	TP00370-21	2	25065668	
PCB1	E901A	SCREW	3TTB+8B(CU)SR	1	801618	
PCB1	JL501B	WIRE TRAP	NPLG-9P592	1	25055630	
PCB2	U02	PRE-AMPLIFIER PC BOARD (NAAF-8499-1 & NAAF-8500-1)				
PCB2	U04	VOLUME PC BOARD (NAETC-8501-1 & NAETC-8502-1)				
PCB2	U06	HEADPHONE JACK PC BOARD (NAETC-8503-1)				
PCB2						
PCB2	CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO	REMARKS
PCB2	Q201	IC	NJM4580M-D	1	22241448R2	
PCB2	Q202	IC	NJM4580M-D	1	22241448R2	
PCB2	Q203	IC	NJM4580M-D	1	22241448R2	
PCB2	Q204	IC	NJU7313AM	1	22242211R2	
PCB2	Q205	IC	4066BF(TC4066BF)	1	222840661R2TO	
PCB2	Q213	IC	78M15HF(NJM78M15FA)	1	222780155JRC	
PCB2	Q214	IC	79M15HF(NJM79M15FA)	1	222790155JRC	
PCB2	Q215	IC	78M12HF(NJM78M12FA)	1	222780125JRC	
PCB2	Q216	IC	78L05(NJM78L05UA)	1	222780053R2JR	
PCB2	Q301	IC	NJM4580M-D	1	22241448R2	
PCB2	Q351	IC	NJM4580M-D	1	22241448R2	
PCB2	Q352	IC	NJM4580M-D	1	22241448R2	
PCB2	Q206	TR	RN2402	1	2214530R2	
PCB2	Q207	TR	2SD655-F	1	2211706	
PCB2	Q208	TR	2SD655-F	1	2211706	
PCB2	Q209	TR	2SD655-F	1	2211706	
PCB2	Q210	TR	RN1407	1	2216260R2	
PCB2	Q211	TR	RN2403	1	2214540R2	
PCB2	Q212	TR	RN1404	1	2214490R2	
PCB2	Q217	TR	RN2402	1	2214530R2	
PCB2	Q303	TR	2SD655-F	1	2211706	

PCB2	Q304	TR	2SD655-F	1	2211706	
PCB2	Q305	TR	2SD655-F	1	2211706	
PCB2	Q306	TR	2SD655-F	1	2211706	
PCB2	Q353	TR	2SK365-GR	1	2212445	
PCB2	Q354	TR	2SK365-GR	1	2212445	
PCB2	Q355	TR	RN1407	1	2216260R2	
PCB2	Q356	TR	RN2403	1	2214540R2	
PCB2	D201	ZENER D	UDZS8.2B	1	224550820R2	
PCB2	D202	ZENER D	UDZS8.2B	1	224550820R2	
PCB2	D221	DIODE	RL1N4003	1	22380260	
PCB2	D222	DIODE	RL1N4003	1	22380260	
PCB2	D223	DIODE	RL1N4003	1	22380260	
PCB2	D224	DIODE	RL1N4003	1	22380260	
PCB2	D225	C-DIODE	S1NB60-4062	1	22380318R2	
PCB2	D351	C-DIODE	1SS352	1	223234R2	
PCB2	D351 or	C-DIODE	1SS355	(1)	223269R2	
PCB2	L201	CHOKE COIL	NCH-1538	1	231359	
PCB2	L381	EMIFIL	BK1608LM182-T	1	230958R1	
PCB2	L382	EMIFIL	BK1608LM182-T	1	230958R1	

PCB2	L383	EMIFIL	BK1608LM182-T	1	230958R1	
PCB2	C201	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB2	C202	C-FILM C	ECHU50V-101J	1	373021014R2	
PCB2	C203	RFS C	CE04W25V-22M(RFS)	1	395952207	
PCB2	C204	RFS C	CE04W25V-22M(RFS)	1	395952207	
PCB2	C205	VX C	CE04W6.3V-220M(VX)	1	393322217	
PCB2	C206	VX C	CE04W6.3V-220M(VX)	1	393322217	
PCB2	C207	C-FILM C	ECHU50V-152J	1	373021524R2	
PCB2	C208	C-FILM C	ECHU50V-152J	1	373021524R2	
PCB2	C209	C-FILM C	ECHU50V-682J	1	373026824R2	
PCB2	C210	C-FILM C	ECHU50V-682J	1	373026824R2	
PCB2	C211	C-FILM C	ECHU50V-182J	1	373021824R2	
PCB2	C212	C-FILM C	ECHU50V-182J	1	373021824R2	
PCB2	C213	RFS C	CE04W50V-10M(RFS)	1	395981007	
PCB2	C214	RFS C	CE04W50V-10M(RFS)	1	395981007	
PCB2	C215	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C216	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C217	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C218	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C219	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C220	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C221	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C222	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C223	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C224	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C225	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C226	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C227	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C228	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C229	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C230	TF C	ECQ-B50V-101K	1	374721015	
PCB2	C231	TF C	ECQ-B50V-101K	1	374721015	

PCB2	C232	RFS C	CE04W50V-47M(RFS)	1	395984707	
PCB2	C233	RFS C	CE04W50V-47M(RFS)	1	395984707	
PCB2	C234	RFS C	CE04W50V-47M(RFS)	1	395984707	
PCB2	C235	RFS C	CE04W50V-47M(RFS)	1	395984707	
PCB2	C236	RFS C	CE04W50V-47M(RFS)	1	395984707	
PCB2	C237	RFS C	CE04W50V-47M(RFS)	1	395984707	
PCB2	C238	C-CERA C	CK725B1A-224K1	1	332132245R1	
PCB2	C239	C-CERA C	CK732B1C-474K	1	337394745R2	
PCB2	C241	C-FILM C	ECHU50V-102J	1	373021024R2	
PCB2	C242	C-FILM C	ECHU50V-102J	1	373021024R2	
PCB2	C243	C-FILM C	ECHU50V-102J	1	373021024R2	
PCB2	C251	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C252	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C253	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C254	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C255	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C256	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C257	TF C	ECQ-V50V-334J	1	374723344	
PCB2	C258	TF C	ECQ-V50V-334J	1	374723344	

PCB2	C259	VX C	CE04W35V-1000M(VX)	1	393361027S
PCB2	C260	VX C	CE04W35V-1000M(VX)	1	393361027S
PCB2	C261	VX C	CE04W16V-220M(VX)	1	393342217
PCB2	C262	VX C	CE04W16V-220M(VX)	1	393342217
PCB2	C263	TF C	ECQ-V50V-334J	1	374723344
PCB2	C264	VX C	CE04W25V-1000M(VX)	1	393351027S
PCB2	C266	VX C	CE04W16V-220M(VX)	1	393342217
PCB2	C267	VX C	CE04W16V-10M(VX)	1	393341007
PCB2	C268	C-CERA C	CK725B1A-224K1	1	332132245R1
PCB2	C269	C-CERA C	CK732B1C-474K	1	337394745R2
PCB2	C273	TF C	ECQ-B50V-102J	1	374721024
PCB2	C274	TF C	ECQ-B50V-102J	1	374721024
PCB2	C275	TF C	ECQ-B50V-102J	1	374721024
PCB2	C281	TF C	ECQ-B50V-102J	1	374721024
PCB2	C282	TF C	ECQ-B50V-102J	1	374721024
PCB2	C283	C-FILM C	ECHU50V-102J	1	373021024R2
PCB2	C301	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C302	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C305	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C306	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C321	VX C	CE04W16V-220M(VX)	1	393342217
PCB2	C322	VX C	CE04W16V-220M(VX)	1	393342217
PCB2	C351	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C352	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C353	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C354	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C355	VX C	CE04W35V-33M(VX)	1	393363307
PCB2	C356	VX C	CE04W35V-33M(VX)	1	393363307
PCB2	C357	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C358	RFS C	CE04W25V-47M(RFS)	1	395954707
PCB2	C359	TF C	ECQ-V50V-474J	1	374724744
PCB2	C360	TF C	ECQ-V50V-474J	1	374724744

PCB2	C361	TF C	ECQ-V50V-393J	1	374723934	
PCB2	C362	TF C	ECQ-V50V-393J	1	374723934	
PCB2	C363	TF C	ECQ-V50V-104J	1	374721044	
PCB2	C364	TF C	ECQ-V50V-104J	1	374721044	
PCB2	C365	TF C	ECQ-B50V-822J	1	374728224	
PCB2	C366	TF C	ECQ-B50V-822J	1	374728224	
PCB2	C367	TF C	ECQ-V50V-473J	1	374724734	
PCB2	C368	TF C	ECQ-V50V-473J	1	374724734	
PCB2	C369	TF C	ECQ-V50V-224J	1	374722244	
PCB2	C370	TF C	ECQ-V50V-224J	1	374722244	
PCB2	C371	TF C	ECQ-B50V-822J	1	374728224	
PCB2	C372	TF C	ECQ-B50V-822J	1	374728224	
PCB2	C373	TF C	ECQ-V50V-393J	1	374723934	
PCB2	C374	TF C	ECQ-V50V-393J	1	374723934	
PCB2	C375	C-CERA C	CK725F1H-223Z1	1	332152230R1	
PCB2	C377	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C378	VX C	CE04W16V-220M(VX)	1	393342217	
PCB2	C381	C-CERA C	CC725CH1H-102J1	1	342101024R1	
PCB2	C382	C-CERA C	CC725CH1H-102J1	1	342101024R1	

PCB2	C383	C-CERA C	CK725B1H-102K1	1	332101025R1	
PCB2	C385	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB2	C387	VX C	CE04W35V-33M(VX)	1	393363307	
PCB2	C388	VX C	CE04W35V-33M(VX)	1	393363307	
PCB2	R201	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R202	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R203	C-CARBON R	RN72K1J-563JE	1	435035634R1	
PCB2	R204	C-CARBON R	RN72K1J-563JE	1	435035634R1	
PCB2	R205	C-CARBON R	RN72K1J-224JE	1	435032244R1	
PCB2	R206	C-CARBON R	RN72K1J-224JE	1	435032244R1	
PCB2	R207	C-CARBON R	RN72K1J-821JE	1	435038214R1	
PCB2	R208	C-CARBON R	RN72K1J-821JE	1	435038214R1	
PCB2	R209	C-CARBON R	RN72K1J-474JE	1	435034744R1	
PCB2	R210	C-CARBON R	RN72K1J-474JE	1	435034744R1	
PCB2	R211	C-CARBON R	RN72K1J-393JE	1	435033934R1	
PCB2	R212	C-CARBON R	RN72K1J-393JE	1	435033934R1	
PCB2	R213	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB2	R214	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB2	R215	CARBON R	R16J-330	1	417343314	
PCB2	R216	CARBON R	R16J-330	1	417343314	
PCB2	R217	CARBON R	R16J-220K	1	417342244	
PCB2	R218	CARBON R	R16J-220K	1	417342244	
PCB2	R219	CARBON R	R16J-330	1	417343314	
PCB2	R220	CARBON R	R16J-330	1	417343314	
PCB2	R221	CARBON R	R16J-220K	1	417342244	
PCB2	R222	CARBON R	R16J-220K	1	417342244	
PCB2	R223	CARBON R	R16J-330	1	417343314	
PCB2	R224	CARBON R	R16J-330	1	417343314	
PCB2	R225	CARBON R	R16J-220K	1	417342244	
PCB2	R226	CARBON R	R16J-220K	1	417342244	
PCB2	R227	CARBON R	R16J-2.2K	1	417342224	
PCB2	R228	CARBON R	R16J-2.2K	1	417342224	

PCB2	R229	CARBON R	R16J-220K	1	417342244	
PCB2	R230	CARBON R	R16J-220K	1	417342244	
PCB2	R231	CARBON R	R16J-330	1	417343314	
PCB2	R232	CARBON R	R16J-330	1	417343314	
PCB2	R233	CARBON R	R16J-220K	1	417342244	
PCB2	R234	CARBON R	R16J-220K	1	417342244	
PCB2	R235	CARBON R	R16J-2.2K	1	417342224	
PCB2	R236	CARBON R	R16J-2.2K	1	417342224	
PCB2	R237	CARBON R	R16J-220K	1	417342244	
PCB2	R238	CARBON R	R16J-220K	1	417342244	
PCB2	R239	CARBON R	R16J-330	1	417343314	
PCB2	R240	CARBON R	R16J-330	1	417343314	
PCB2	R241	CARBON R	R16J-220K	1	417342244	
PCB2	R242	CARBON R	R16J-220K	1	417342244	
PCB2	R243	CARBON R	R16J-2.2K	1	417342224	
PCB2	R244	CARBON R	R16J-2.2K	1	417342224	
PCB2	R245	CARBON R	R16J-220K	1	417342244	
PCB2	R246	CARBON R	R16J-220K	1	417342244	
PCB2	R247	CARBON R	R16J-1.2K	1	417341224	

PCB2	R248	CARBON R	R16J-220K	1	417342244	
PCB2	R249	CARBON R	R16J-47K	1	417344734	
PCB2	R250	CARBON R	R16J-47K	1	417344734	
PCB2	R251	CARBON R	R16J-220K	1	417342244	
PCB2	R252	CARBON R	R16J-10K	1	417341034	
PCB2	R253	CARBON R	R16J-10K	1	417341034	
PCB2	R254	CARBON R	R16J-1K	1	417341024	
PCB2	R255	CARBON R	R16J-1K	1	417341024	
PCB2	R256	CARBON R	R16J-1K	1	417341024	
PCB2	R257	CARBON R	R16J-220K	1	417342244	
PCB2	R258	CARBON R	R16J-220K	1	417342244	
PCB2	R259	CARBON R	R16J-220K	1	417342244	
PCB2	R260	CARBON R	R16J-220K	1	417342244	
PCB2	R261	CARBON R	R16J-1K	1	417341024	
PCB2	R262	CARBON R	R16J-1K	1	417341024	
PCB2	R263	CARBON R	R16J-1K	1	417341024	
PCB2	R264	CARBON R	R16J-1K	1	417341024	
PCB2	R265	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R266	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R267	C-CARBON R	RN72K1J-224JE	1	435032244R1	
PCB2	R268	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R269	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB2	R270	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB2	R271	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R272	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R273	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R274	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R275	METAL O R	RS1/2WBJ-470	1	443524714	
PCB2	R276	METAL O R	RS1/2WBJ-470	1	443524714	
PCB2	R277	METAL R	RNU1/2WCJ-2.2	1	453530224	
PCB2	R278	METAL R	RNU1/2WCJ-2.2	1	453530224	
PCB2	R279	METAL R	RNU1/2WCJ-2.2	1	453530224	

PCB2	R280	METAL R	RNU1/2WCJ-2.2	1	453530224	
PCB2	R281	METAL R	RNU1/2WCJ-0.47	1	453534794	
PCB2	R282	METAL R	RNU1/2WCJ-0.47	1	453534794	
PCB2	R283	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB2	R285	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB2	R286	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB2	R287	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB2	R301	CARBON R	R16J-3.3K	1	417343324	
PCB2	R302	CARBON R	R16J-3.3K	1	417343324	
PCB2	R303	CARBON R	R16J-220K	1	417342244	
PCB2	R304	CARBON R	R16J-220K	1	417342244	
PCB2	R305	CARBON R	R16J-220K	1	417342244	
PCB2	R306	CARBON R	R16J-220K	1	417342244	
PCB2	R307	CARBON R	R16J-10K	1	417341034	
PCB2	R308	CARBON R	R16J-10K	1	417341034	
PCB2	R309	CARBON R	R16J-5.6K	1	417345624	
PCB2	R310	CARBON R	R16J-5.6K	1	417345624	
PCB2	R311	CARBON R	R16J-47	1	417344704	
PCB2	R312	CARBON R	R16J-47	1	417344704	

PCB2	R313	CARBON R	R16J-220K	1	417342244	
PCB2	R314	CARBON R	R16J-220K	1	417342244	
PCB2	R315	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R316	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R317	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R318	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB2	R319	C-CARBON R	RN72K1J-224JE	1	435032244R1	
PCB2	R320	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB2	R321	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R322	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R351	CARBON R	R16J-470	1	417344714	
PCB2	R352	CARBON R	R16J-470	1	417344714	
PCB2	R353	VARI R	N27DGL50KBT30F	1	5104519	
PCB2	R355	CARBON R	R16J-6.8K	1	417346824	
PCB2	R356	CARBON R	R16J-6.8K	1	417346824	
PCB2	R357	CARBON R	R16J-470	1	417344714	
PCB2	R358	CARBON R	R16J-470	1	417344714	
PCB2	R359	CARBON R	R16J-220K	1	417342244	
PCB2	R360	CARBON R	R16J-220K	1	417342244	
PCB2	R361	CARBON R	R16J-10K	1	417341034	
PCB2	R362	CARBON R	R16J-10K	1	417341034	
PCB2	R363	CARBON R	R16J-12K	1	417341234	
PCB2	R364	CARBON R	R16J-12K	1	417341234	
PCB2	R365	CARBON R	R16J-47K	1	417344734	
PCB2	R366	CARBON R	R16J-47K	1	417344734	
PCB2	R369	VARI R	N14RGL20KB22Z	1	5132518	
PCB2	R370	VARI R	N14RGLC100KC22Z	1	5132517	
PCB2	R371	VARI R	N14RGLC50KC22Z	1	5132516	
PCB2	R373	CARBON R	R16J-680	1	417346814	
PCB2	R374	CARBON R	R16J-680	1	417346814	
PCB2	R375	CARBON R	R16J-100K	1	417341044	
PCB2	R376	CARBON R	R16J-100K	1	417341044	

PCB2	R377	CARBON R	R16J-4.7K	1	417344724	
PCB2	R378	CARBON R	R16J-4.7K	1	417344724	
PCB2	R379	CARBON R	R16J-1K	1	417341024	
PCB2	R380	CARBON R	R16J-1K	1	417341024	
PCB2	R381	CARBON R	R16J-470	1	417344714	
PCB2	R382	CARBON R	R16J-470	1	417344714	
PCB2	R383	C-CARBON R	RN72K1J-105JE	1	435031054R1	
PCB2	R384	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB2	R385	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R386	METAL O R	RS1/2WBJ-22	1	443522204	
PCB2	R387	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB2	R388	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB2	R391	CARBON R	R16J-10K	1	417341034	
PCB2	R392	CARBON R	R16J-10K	1	417341034	
PCB2	P201	PIN JACK	NPJ-2PDRW612	1	25045832	
PCB2	P202	PIN JACK	NPJ-6PDRW614	1	25045834	
PCB2	P203	PIN JACK	NPJ-6PDRW614	1	25045834	
PCB2	P204	PIN JACK	NPJ-4PDRW613	1	25045833	
PCB2	P205	PIN JACK	NPJ-1PDB611	1	25045831	

PCB2	P206	ST JACK	HSJ1406-01-020	1	25045835	
PCB2	P207	ST JACK	HSJ1406-01-020	1	25045835	
PCB2	P208	ST JACK	HSJ1406-01-020	1	25045835	
PCB2	P209	ST JACK	HSJ1406-01-020	1	25045835	
PCB2	P212A	PLUG	NPLG-3P84	1	25055100	
PCB2	P213A	PLUG	NPLG-2P149	1	25055165	
PCB2	P251	BUS BAR	BBL15	1	27141869	
PCB2	P301A	SOCKET AS	NSAS-22P1528	1	2009990967UL	
PCB2	P301B	PLUG	NPLG-11P125	1	25055141	
PCB2	P310	CRIMP AS	CRIMP AS	1	2061712140UL	
PCB2	P311	HOLDER	(CRAMP) UA-0 V0	1	27190608-1	
PCB2	P381	JACK	YKB26-5153	1	25045385	
PCB2	P382	CRIMP AS	CRIMP AS	1	2061713100UL	
PCB2	P401A	PLUG	NPLG-4P118	1	25055134	
PCB2	P701B	SOCKET	NSCT-15P2212	1	25052315	
PCB2	P702A	PLUG	NPLG-3P131	1	25055147	
PCB2	P705A	PLUG	NPLG-2P116	1	25055132	
PCB2	J201	JMP WIRE	TA100	1	---	NSP
PCB2	J202	JMP WIRE	TA100	1	---	NSP
PCB2	J203	JMP WIRE	TA100	1	---	NSP
PCB2	J204	JMP WIRE	TA100	1	---	NSP
PCB2	J205	JMP WIRE	TA100	1	---	NSP
PCB2	J206	JMP WIRE	TA100	1	---	NSP
PCB2	J207	JMP WIRE	TA100	1	---	NSP
PCB2	J208	JMP WIRE	TA100	1	---	NSP
PCB2	J209	JMP WIRE	TA100	1	---	NSP
PCB2	J210	JMP WIRE	TA100	1	---	NSP
PCB2	J211	JMP WIRE	TA100	1	---	NSP
PCB2	J212	JMP WIRE	TA100	1	---	NSP
PCB2	J213	JMP WIRE	TA100	1	---	NSP
PCB2	J214	JMP WIRE	TA100	1	---	NSP
PCB2	J215	JMP WIRE	TA100	1	---	NSP

PCB2	J216	JMP WIRE	TA100	1	---	NSP
PCB2	J221	PVC	1007#24 .2/7HAN	1	---	NSP
PCB2	J301	JMP WIRE	TA125	1	---	NSP
PCB2	J302	JMP WIRE	TA125	1	---	NSP
PCB2	J303	JMP WIRE	TA125	1	---	NSP
PCB2	J305	JMP WIRE	TA125	1	---	NSP
PCB2	J306	JMP WIRE	TA125	1	---	NSP
PCB2	J307	JMP WIRE	TA150	1	---	NSP
PCB2	JL302	JUMPER LEAD	JL5 450 B	1	---	NSP
PCB2	JL302A	WIRE HOL	NSCT-5P876	1	25051089	
PCB2	JL302B	WIRE TRAP	NPLG-5P588	1	25055626	
PCB2	JL501	JUMPER LEAD	JL9 150 B	1	---	NSP
PCB2	JL501A	WIRE HOL	NSCT-9P880	1	25051093	
PCB3	U08	MICROPROCESSOR PC BOARD (NADG-8505-1B)				
PCB3	U09	POWER SUPPLY PC BOARD (NAPS-8506-1B)				
PCB3	U10	OUTLET PC BOARD (NAPS-8507-1B)				
PCB3	U11	POWER SWITCH PC BOARD (NASW-8508-1B)				
PCB3	U13	SWITCH PC BOARD (NAETC-8510-1B)				

PCB3						
PCB3	CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO	REMARKS
PCB3	U701	REMO SENS	GP1UM281XKV FH=16MM	1	241361	
PCB3	Q701	IC	MPD780022AGC-166-8BS	1	22242259R3	
PCB3	Q704	IC	TA7291S	1	22240239	
PCB3	Q731	IC	MPC29M05HF	1	22278005ENE	
PCB3	Q921	IC	S-80127CNMC-JKM-T2	1	22241642R2	
PCB3	Q702	TR	RN1404	1	2214490R2	
PCB3	Q703	TR	RN2403	1	2214540R2	
PCB3	Q705	TR	RN1402	1	2214470R2	
PCB3	Q706	TR	RN1402	1	2214470R2	
PCB3	Q707	TR	RN1402	1	2214470R2	
PCB3	Q708	TR	RN1402	1	2214470R2	
PCB3	Q709	TR	RN1402	1	2214470R2	
PCB3	Q710	TR	RN1402	1	2214470R2	
PCB3	Q711	TR	RN2402	1	2214530R2	
PCB3	Q712	TR	RN2402	1	2214530R2	
PCB3	Q713	TR	2SC2712-GR	1	2213145R2	
PCB3	Q714	TR	RN2402	1	2214530R2	
PCB3	Q715	TR	RN2402	1	2214530R2	
PCB3	Q716	TR	RN1402	1	2214470R2	
PCB3	Q717	TR	2SC2712-GR	1	2213145R2	
PCB3	Q901	TR	RN1404	1	2214490R2	
PCB3	Q902	TR	2SC1740S-R	1	2213284	
PCB3	Q903	TR	RN1404	1	2214490R2	
PCB3	Q904	TR	2SC1740S-R	1	2213284	
PCB3	D701	C-DIODE	1SS352	1	223234R2	
PCB3	D701 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D702	C-DIODE	1SS352	1	223234R2	
PCB3	D702 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D703	C-DIODE	1SS352	1	223234R2	
PCB3	D703 or	C-DIODE	1SS355	(1)	223269R2	

PCB3	D704	C-DIODE	1SS352	1	223234R2	
PCB3	D704 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D705	ZENER D	UDZS5.1B	1	224550510R2	
PCB3	D706	LED	SEL2E10C-F	1	225374F	
PCB3	D707	LED	SEL2E10C-F	1	225374F	
PCB3	D708	LED	SEL2E10C-F	1	225374F	
PCB3	D709	LED	SEL2E10C-F	1	225374F	
PCB3	D710	LED	SEL2E10C-F	1	225374F	
PCB3	D711	LED	SEL2E10C-F	1	225374F	
PCB3	D712	LED	SEL2910A-TP6	1	225390	
PCB3	D713	LED	SEL2910A-TP6	1	225390	
PCB3	D714	LED	SPR-39MVWF	1	225339	
PCB3	D715	LED	SEL2E10C-F	1	225374F	
PCB3	D716	LED	SPR-39MVWF	1	225339	
PCB3	D718	C-DIODE	1SS352	1	223234R2	
PCB3	D718 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D721	C-DIODE	1SS352	1	223234R2	
PCB3	D721 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D901	C-DIODE	S1NB60-4062	1	22380318R2	

PCB3	D902	C-DIODE	1SS352	1	223234R2	
PCB3	D902 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D903	C-DIODE	1SS352	1	223234R2	
PCB3	D903 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D905	C-DIODE	1SS352	1	223234R2	
PCB3	D905 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D906	C-DIODE	1SS352	1	223234R2	
PCB3	D906 or	C-DIODE	1SS355	(1)	223269R2	
PCB3	D921	ZENER D	UDZS5.1B	1	224550510R2	
PCB3	X701	CERA LOCK	CSTLS4M00G56-A0	1	3010411	
PCB3	T903	P TRANS	NPT-1398P	1	2301539A	!
PCB3	L701	CHOKE COIL	NCH-1479	1	231237K470R2	
PCB3	L901	CHOKE COIL	NCH-3645	1	231348	!
PCB3	C702	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C703	ELECT C	CE04W16V-10M	1	355741009	
PCB3	C704	ELECT C	CE04W6.3V-100M	1	355721019	
PCB3	C705	EDL C	FMC0H104Z	1	3000120	
PCB3	C706	ELECT C	CE04W6.3V-330M	1	355723319	
PCB3	C707	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C708	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C709	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C710	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C711	ELECT C	CE04W50V-1M	1	355780109	
PCB3	C712	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C713	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C714	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C715	ELECT C	CE04W6.3V-100M	1	355721019	
PCB3	C716	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C717	ELECT C	CE04W6.3V-100M	1	355721019	
PCB3	C718	ELECT C	CE04W6.3V-330M	1	355723319	
PCB3	C719	ELECT C	CE04W6.3V-100M	1	355721019	
PCB3	C901	IS C	DE1310E472M-KH	1	3300054	!

PCB3	C902	IS C	RE275V-103M	1	3500196S	!
PCB3	C903	IS C	MKP R46 224M	1	3800040S	!
PCB3	C904	IS C	RE275V-103M	1	3500196S	!
PCB3	C905	TF C	ECQ-V50V-334J	1	374723344	
PCB3	C906	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C907	VX C	CE04W16V-1000M(VX)	1	393341027S	
PCB3	C908	VX C	CE04W16V-10M(VX)	1	393341007	
PCB3	C909	TF C	ECQ-B50V-103J	1	374721034	
PCB3	C910	TF C	ECQ-B50V-103J	1	374721034	
PCB3	C911	VX C	CE04W50V-2.2M(VX)	1	393380227	
PCB3	C912	IS C	MKP R46 224M	1	3800040S	
PCB3	C921	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	C922	C-CERA C	CK725F1E-104Z1	1	332161040R1	
PCB3	R701	C-CARBON R	RN72K1J-101JE	1	435031014R1	
PCB3	R702	METAL R	RNU1/2WCJ-2.2	1	453530224	
PCB3	R703	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB3	R704	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB3	R705	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R706	C-CARBON R	RN72K1J-102JE	1	435031024R1	

PCB3	R707	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R708	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R709	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB3	R710	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB3	R711	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB3	R712	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB3	R713	C-CARBON R	RN72K1J-470JE	1	435034704R1	
PCB3	R714	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R716	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB3	R717	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R718	C-CARBON R	RN72K1J-272JE	1	435032724R1	
PCB3	R719	C-CARBON R	RN72K1J-272JE	1	435032724R1	
PCB3	R720	C-CARBON R	RN72K1J-391JE	1	435033914R1	
PCB3	R721	C-CARBON R	RN72K1J-471JE	1	435034714R1	
PCB3	R722	C-CARBON R	RN72K1J-183JE	1	435031834R1	
PCB3	R723	C-CARBON R	RN72K1J-682JE	1	435036824R1	
PCB3	R724	C-CARBON R	RN72K1J-332JE	1	435033324R1	
PCB3	R725	C-CARBON R	RN72K1J-182JE	1	435031824R1	
PCB3	R726	C-CARBON R	RN72K1J-122JE	1	435031224R1	
PCB3	R727	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R728	C-CARBON R	RN72K1J-681JE	1	435036814R1	
PCB3	R729	C-CARBON R	RN72K1J-561JE	1	435035614R1	
PCB3	R730	C-CARBON R	RN72K1J-471JE	1	435034714R1	
PCB3	R731	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R732	C-CARBON R	RN72K1J-271JE	1	435032714R1	
PCB3	R733	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB3	R734	C-CARBON R	RN72K1J-472JE	1	435034724R1	
PCB3	R736	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB3	R737	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB3	R738	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R739	C-CARBON R	RN72K1J-224JE	1	435032244R1	
PCB3	R740	C-CARBON R	RN72K1J-220JE	1	435032204R1	

PCB3	R741	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R742	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R743	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R744	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R745	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R746	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB3	R747	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB3	R748	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R749	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R750	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R751	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R752	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB3	R753	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB3	R754	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R755	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R756	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R757	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R758	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R759	C-CARBON R	RN72K1J-331JE	1	435033314R1	

PCB3	R760	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R761	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R762	C-CARBON R	RN72K1J-181JE	1	435031814R1	
PCB3	R763	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R764	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R765	C-CARBON R	RN72K1J-331JE	1	435033314R1	
PCB3	R766	C-CARBON R	RN72K1J-391JE	1	435033914R1	
PCB3	R767	C-CARBON R	RN72K1J-181JE	1	435031814R1	
PCB3	R768	C-CARBON R	RN72K1J-332JE	1	435033324R1	
PCB3	R769	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R770	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R771	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB3	R772	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB3	R901	THERMISTOR	S5R114	1	4000147	!
PCB3	R902	THERMISTOR	S5R114	1	4000147	!
PCB3	R903	THERMISTOR	S5R114	1	4000147	!
PCB3	R904	THERMISTOR	S5R114	1	4000147	!
PCB3	R905	METAL R	RNU1/2WCJ-0.47	1	453534794	
PCB3	R906	METAL R	RNU1/2WCJ-0.47	1	453534794	
PCB3	R907	METAL R	RNU1/2WCJ-0.22	1	453532294	
PCB3	R908	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R909	C-CARBON R	RN72K1J-273JE	1	435032734R1	
PCB3	R910	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB3	R921	C-CARBON R	RN72K1J-333JE	1	435033334R1	
PCB3	R922	C-CARBON R	RN72K1J-183JE	1	435031834R1	
PCB3	R923	C-CARBON R	RN72K1J-273JE	1	435032734R1	
PCB3	RL901	RELAY	NRL-1P5A-DC9-185	1	25065680	!
PCB3	RL902	RELAY	NRL-1P5A-DC9-185	1	25065680	!
PCB3	S701	ROT SW	NRSF-112-20SRM	1	25030424	
PCB3	S702	PUSH SW	NPS-111-S604	1	25035652	
PCB3	S703	PUSH SW	NPS-111-S604	1	25035652	
PCB3	S704	PUSH SW	NPS-111-S604	1	25035652	

PCB3	S705	PUSH SW	NPS-111-S604	1	25035652	
PCB3	S706	PUSH SW	NPS-111-S604	1	25035652	
PCB3	S901	P SW	NPS-111-L512P	1	25035550	!
PCB3	P701A	SOCKET	NSCT-15P2249	1	25052352	
PCB3	P702	SOCKET AS	NSAS-6P1199	1	20064390610UL	
PCB3	P705	SOCKET AS	NSAS-4P1537	1	2009990970UL	
PCB3	P901A	PLUG	NPLG-2P631	1	25055675	!
PCB3	P902	CRIMP AS	CRIMP AS	1	2069943141UL	!
PCB3	P903	CRIMP AS	CRIMP AS	1	2069943149UL	!
PCB3	P904	SOCKET AS	NSAS-4P1522	1	2009990964UL	!
PCB3	P904A	PLUG	NPLG-2P632	1	25055676	!
PCB3	P905	CRIMP AS	CRIMP AS	1	2069943129UL	!
PCB3	P906A	PLUG	NPLG-2P631	1	25055675	!
PCB3	P907A	PLUG	NPLG-2P631	1	25055675	!
PCB3	P911	SOCKET	NSCT-2P1424	1	25051637	!
PCB3	E901	RETAINER	KANAGU	1	27141059	
PCB3	E911	TRM(SCREW)	NEGITANSI M3	1	25065425	
PCB3	E912	TRM(SCREW)	NEGITANSI M3	1	25065425	
PCB3	F901A	FUSE HOL	NSCT-1P2031	1	25052133	!

PCB3	F901B	FUSE HOL	NSCT-1P2031	1	25052133	!
PCB3	F902A	FUSE HOL	NSCT-1P2031	1	25052133	!
PCB3	F902B	FUSE HOL	NSCT-1P2031	1	25052133	!
PCB3	JL702	JUMPER LEAD	JL6 100 B(7-7)	1	---	NSP
PCB3	JL702A	WIRE HOL	NSCT-6P877	1	25051090	
PCB3	JL702B	WIRE HOL	NSCT-6P877	1	25051090	
PCB3	JL901	JUMPER LEAD	JL4 250 B	1	---	NSP
PCB3	JL901A	WIRE HOL	NSCT-4P875	1	25051088	
PCB3	JL901B	WIRE TRAP	NPLG-4P587	1	25055625	

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PACKING PROCEDURE PARTS LIST

	REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO	REMARKS
PV	A091	POLY BAG	650 x 500	1	29100037-1A	
PV	A092	PAD	(AS)	1	29092241B	[U]
PV	A092	PAD	(AS)	1	29092423	[M]
PV	A093	TAPE	NITTO NO.29	(1)	29110149	
PV	A094	TAPE	NITTO 3703 W50L100	(1)	29110176	
PV	A094 or	PP TAPE	W48 OPP TAPE	(1)	29110148	
PV	A095	POLY BAG	350 x 250	1	29100097-1B	
EV	A096	TAPE	FIXLON W:12	(1)	29110069	
PV	A701	EAN LABEL	---	1	29364105	[U] (S)
PV	A701	EAN LABEL	---	1	29364380	[U] (B)
PV	A701	EAN LABEL	---	1	29390388	[M] (S)
PV	A701	EAN LABEL	---	1	29390389	[M] (B)
PV	A751	REMO CON	RC-613S	1	24140613	
PV	A752	BATTERY	R6/AA(UM-3)	2	3010054	
PV	A801	CARTON	---	1	29054320A	[U] (S)
PV	A801	CARTON	---	1	29054484	[U] (B)
PV	A801	CARTON	---	1	29054898	[M] (S)
PV	A801	CARTON	---	1	29054900	[M] (B)

PV	A952	INS MANUAL	En(A-933)	1	29343979	
PV	A953	INS MANUAL	U3FrEsIt(A-933)	1	29343980	
PV	A954	INS MANUAL	U3DeNISv(A-933)	1	29343981	
PV	A955	INST SHEET	U10(D-AMP)	1	29355483	
PV	A956	INST SHEET	U7(D-AMP TUN)	1	29355523	
PV	A957	HANDBILL	(DS-A2)EU	1	29380146	
PV	A958	INST SHEET	WEEE	1	29355537	
PV	A959	INST SHEET	CAUTION	1	29355604	

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