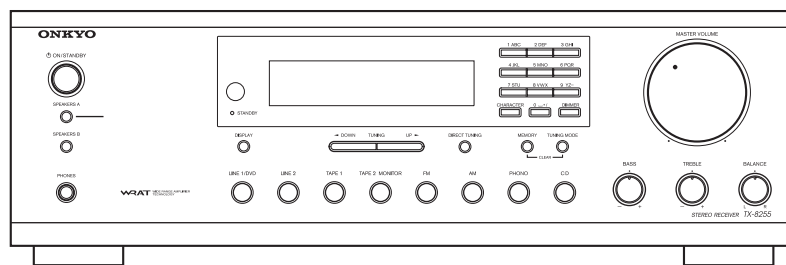


ONKYO SERVICE MANUAL

STEREO RECEIVER MODEL TX-8255




RC-666S

Black and Silver models

B MDC	120V AC, 60Hz
B MPP, S 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.








Model:TX-8255

Ref No:4088

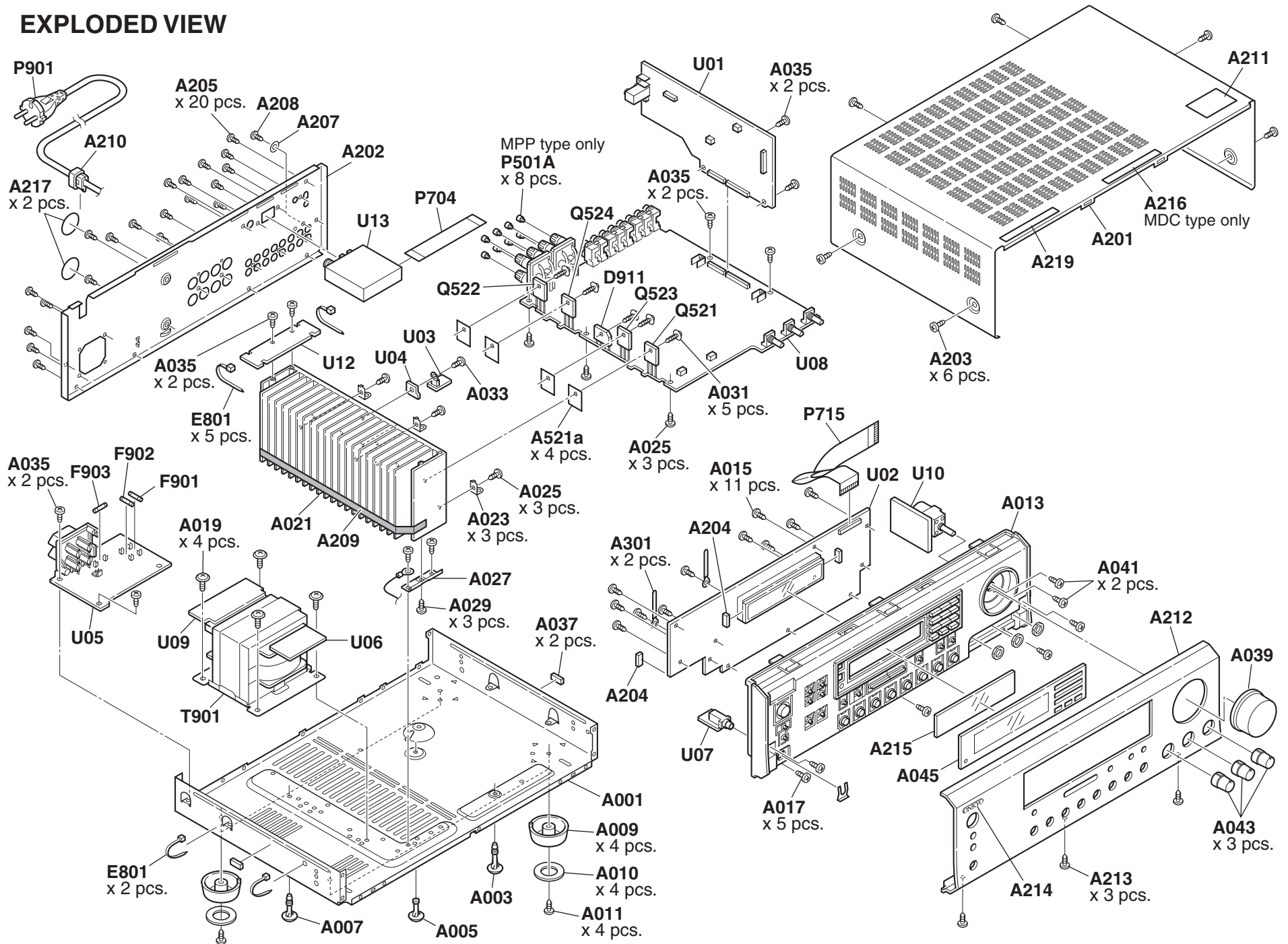
Component:

Printed service manual is not prepared.

Title	Approve (Date)	Attached file
Cover	2008/05/29	 FC_TX8255_E.pdf
Specifications / Panel view / Remote controller	---	Refer to instruction manual.
Exploded view	2008/06/02	 EV_TX8255_E.pdf
Block diagram	2008/06/24	 BDLR_TX8255_E.pdf <---2 Pages (L/R)  BDALL_TX8255_E.pdf <---All (Tabloid size)
Schematic diagrams	2008/06/20	 SD1_LR_TX8255_E.pdf <---2 Pages (L/R) Amplifier section  SD1_ALL_TX8255_E.pdf <---All (Tabloid size) -----  SD2_LR_TX8255_E.pdf <---2 Pages (L/R) Microprocessor section  SD2_ALL_TX8255_E.pdf <---All (Tabloid size) -----  SD3_TX8255_E.pdf Display section -----  SD4_TX8255_E.pdf

		Power supply section
Packing procedure	2008/05/28	 PV_TX8255_E.pdf
Printed circuit board views	---	Refer to service manual of "TX-8222" (Ref. No. : 3945)
IC block diagrams and Terminal descriptions / FL tube view	2008/08/21	IC Refer to service manual of "TX-8222" (Ref. No. : 3945) ----- FL tube  FL_16BT128GNYK_E.pdf
Microprocessor terminal descriptions	---	Refer to service manual of "TX-8222" (Ref. No. : 3945)
Service procedure	2008/08/04	 SP_TX8255_E.pdf
Operation check	2008/09/02	 OC1_2_TX8255_E.pdf <---2 Pages p.1 : DC voltafe detection/ Thermal sensor p.2 : Current detection
Adjustment procedure	2008/08/11	 ADJ_TX8255_E.pdf Idling current adjustment
Exploded view parts list / Printed circuit board parts list / Packing procedure parts list	2008/05/16	 PL_TX8255_E.xls (1 sheet, about 17 Pages)
Back cover	2008/05/29	 BC_TX8255_E.pdf

EXPLODED VIEW



A B C D

BLOCK DIAGRAM

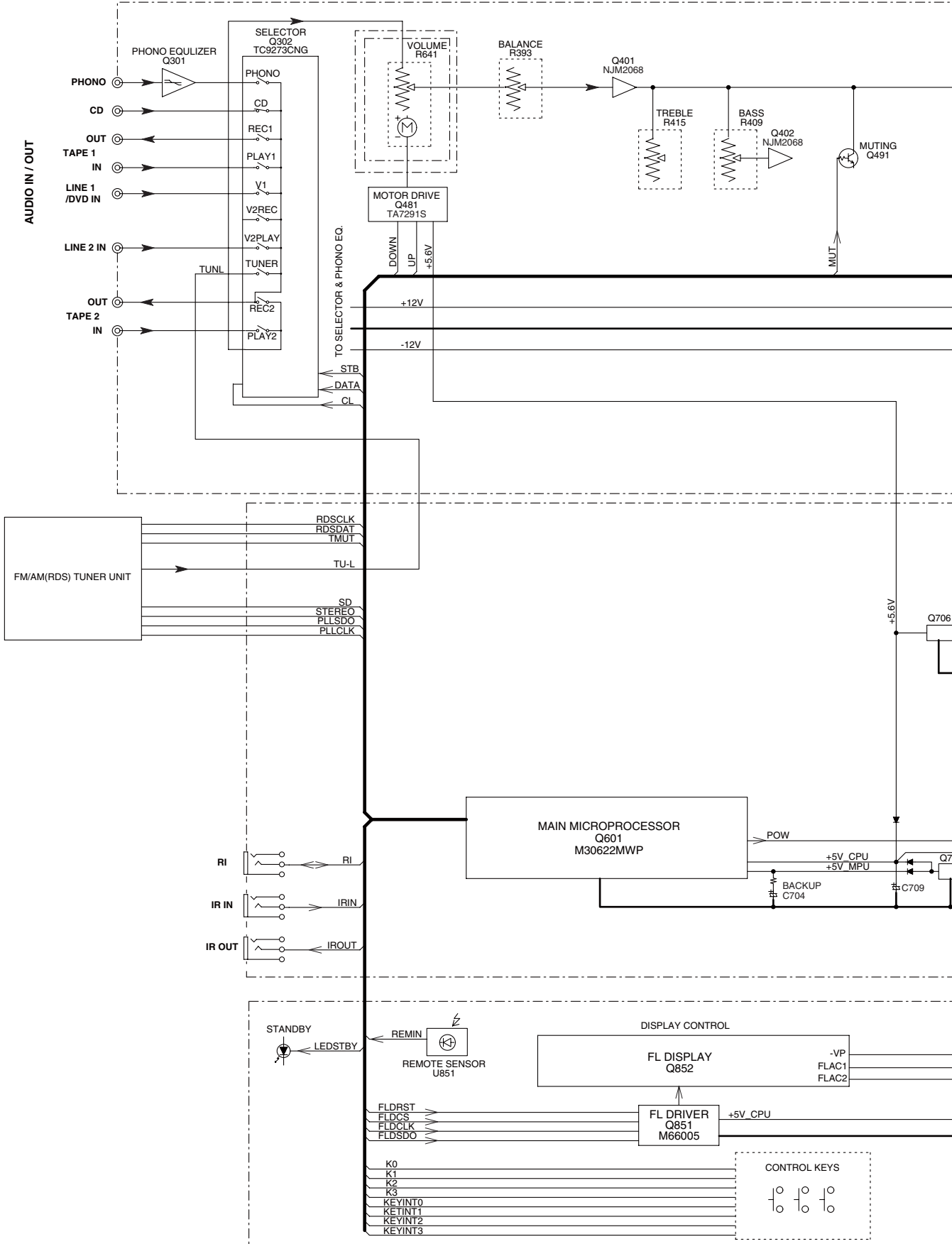
1

2

3

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5

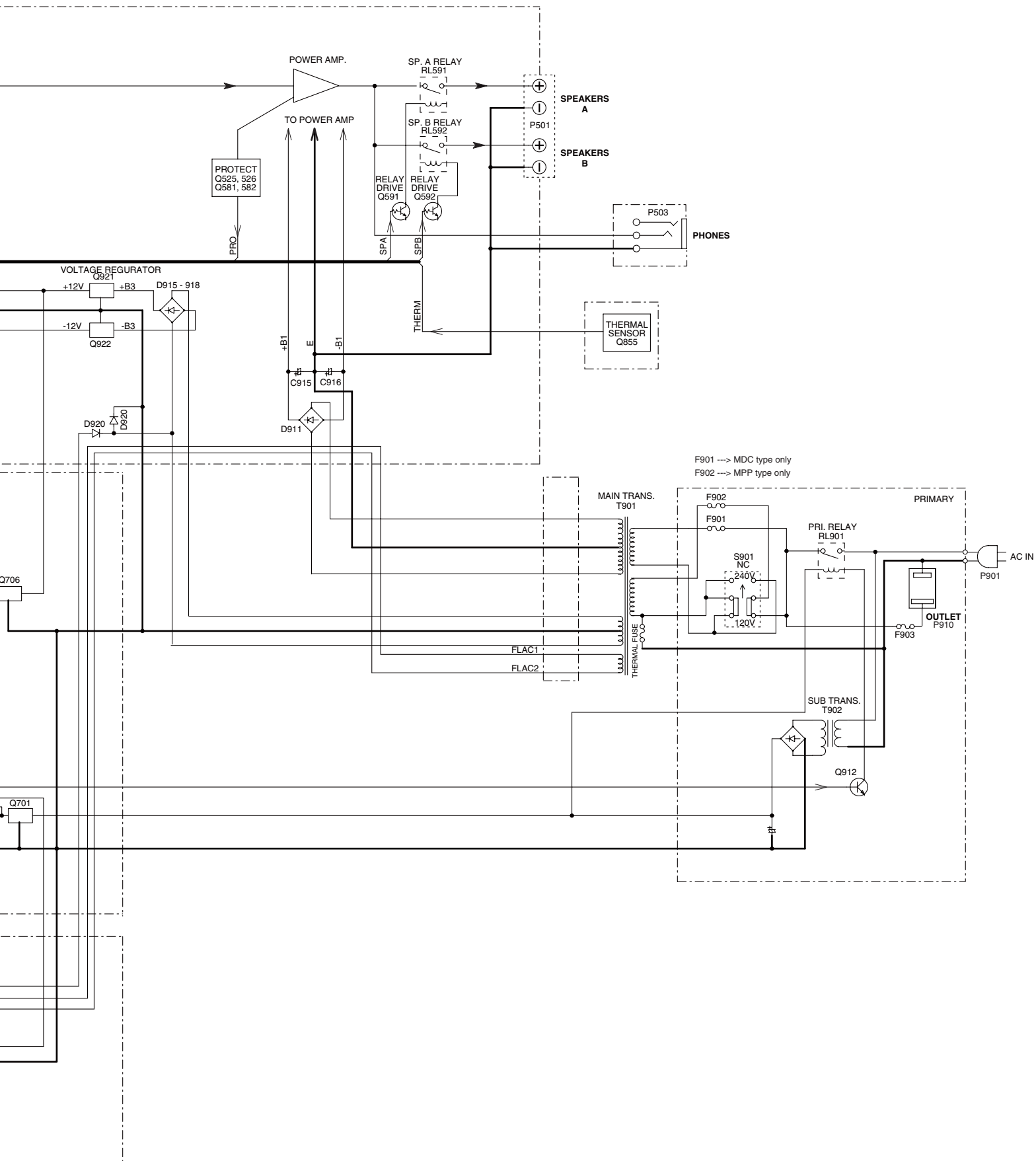


E

F

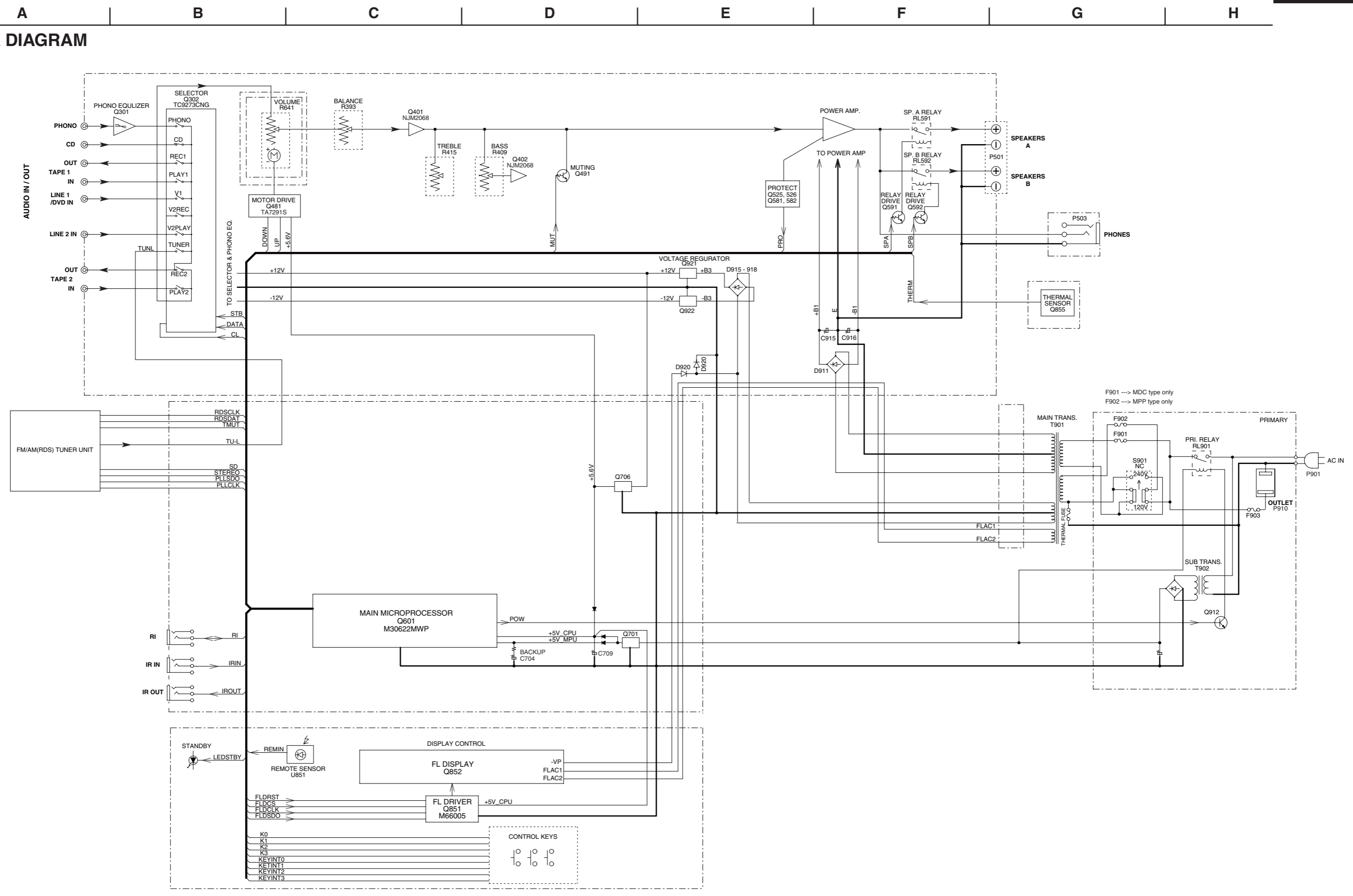
G

H



BLOCK DIAGRAM

1
2
3
4
5

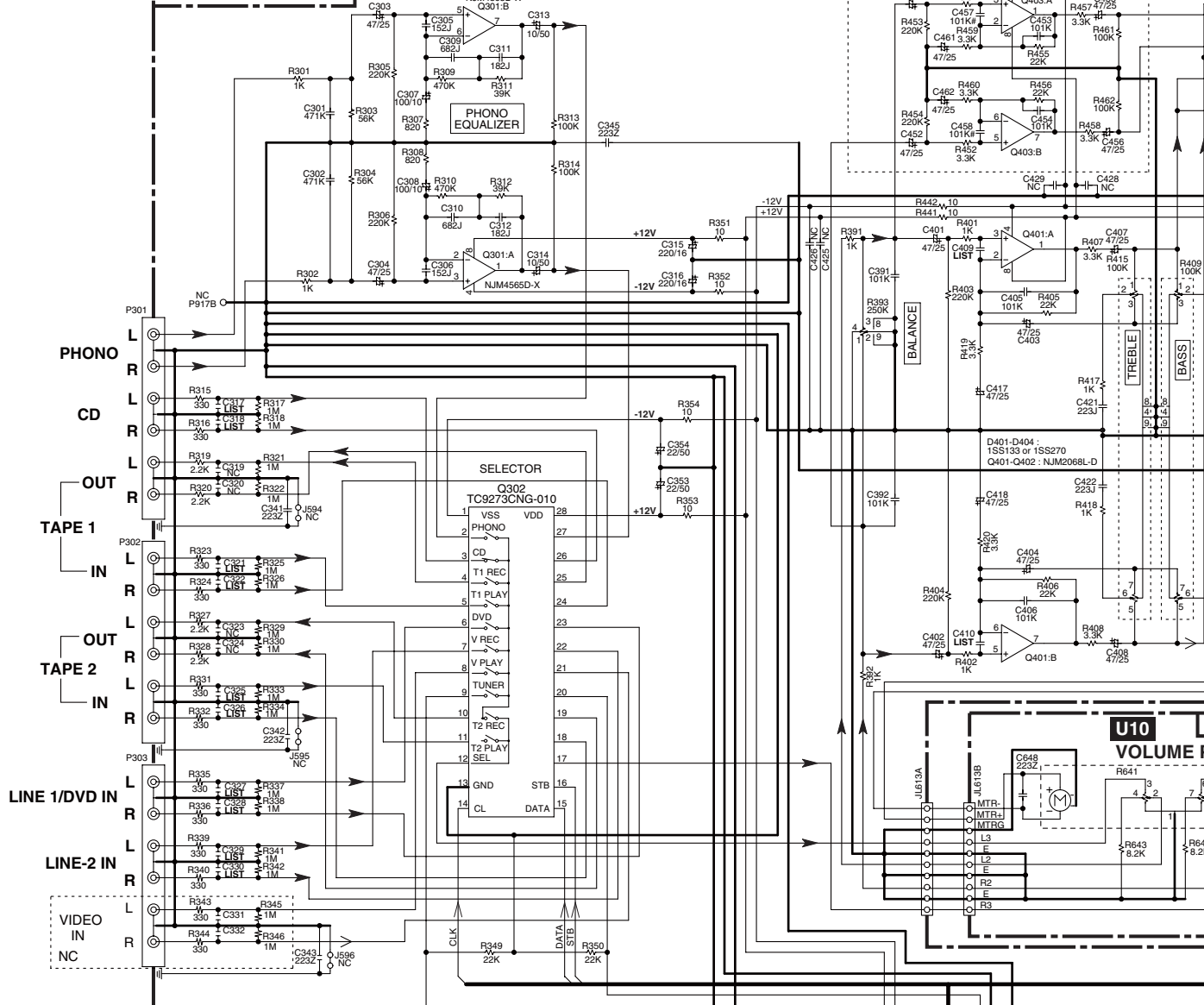


SCHEMATIC DIAGRAMS-1
AMPLIFIER SECTION

NAAF-8886

U08

AMPLIFIER PC BOARD



Refer to following table about the parts displayed by mark "LIST".

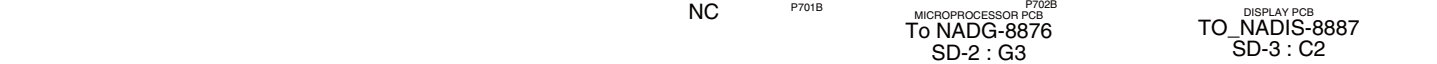
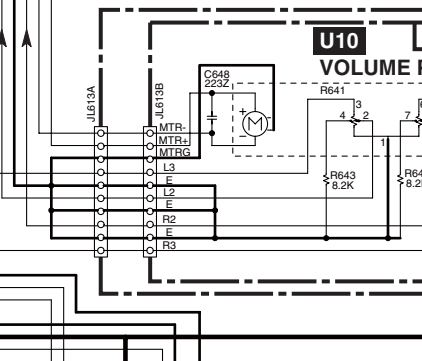
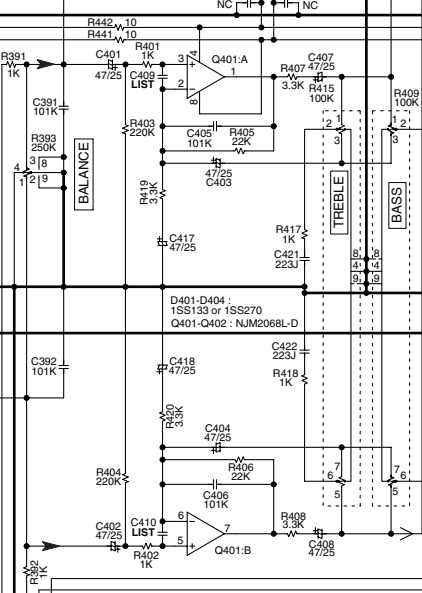
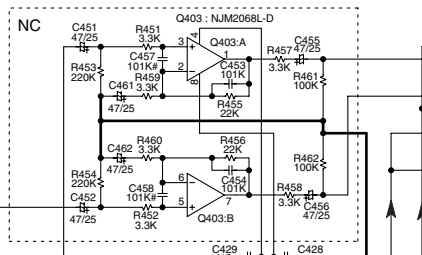
TYPE -->	MDC	MPP
C317, 318		
C321, 322,	None	101K
C325-330		
C409, 410		

NOTE

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

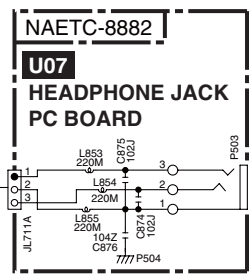
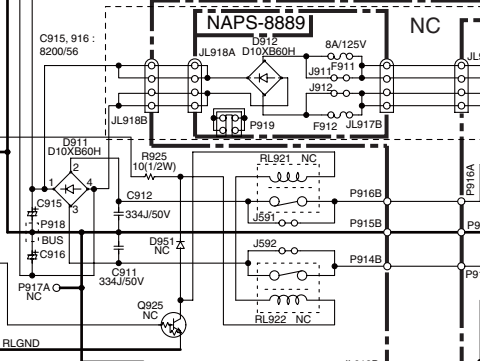
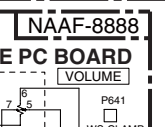
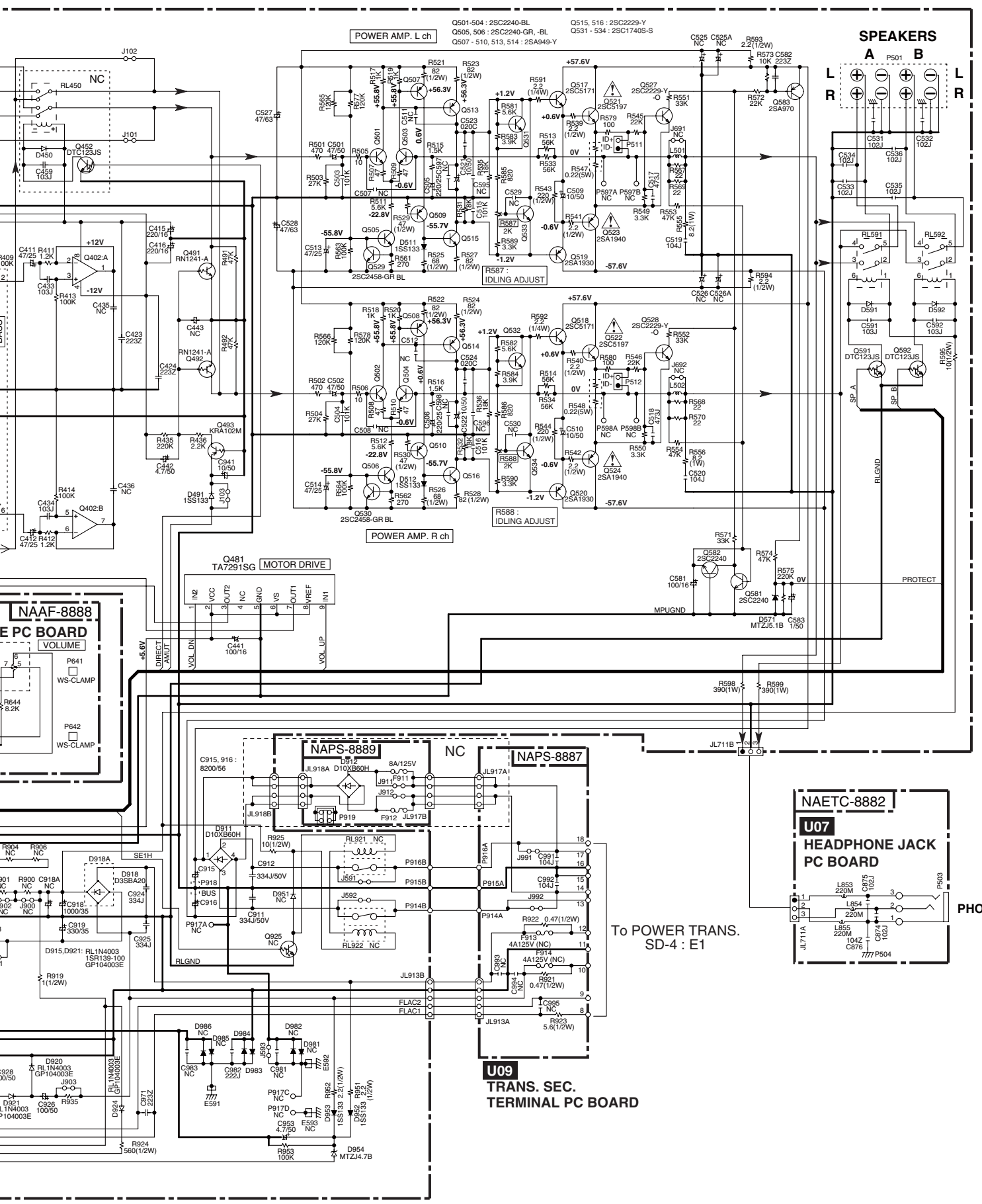
<Note>

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.



MICROPROCESSOR PCB
To NADG-8876
SD-2 : G3

DISPLAY PCB
To NADIS-8887
SD-3 : C2



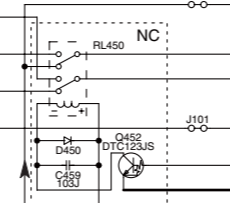
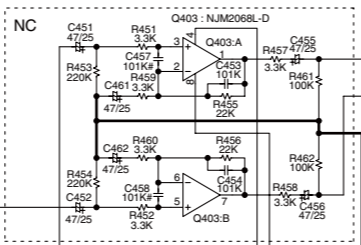
To POWER TRANS.
 SD-4 : E1

PHONES

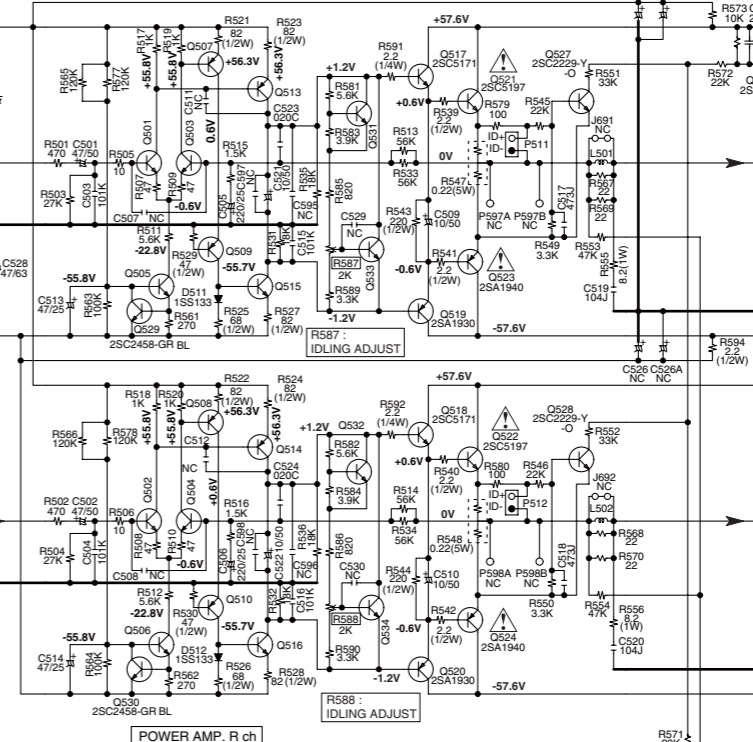
SCHEMATIC DIAGRAMS-1 AMPLIFIER SECTION

NAAF-8886

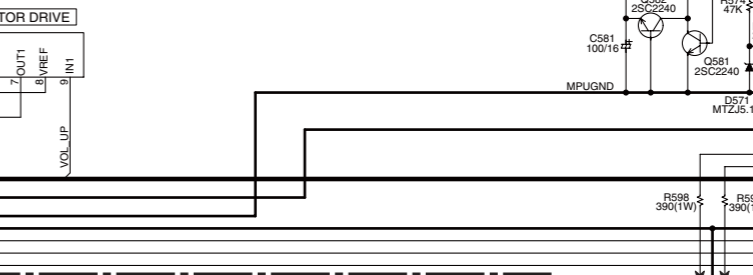
U08
AMPLIFIER PC BOARD



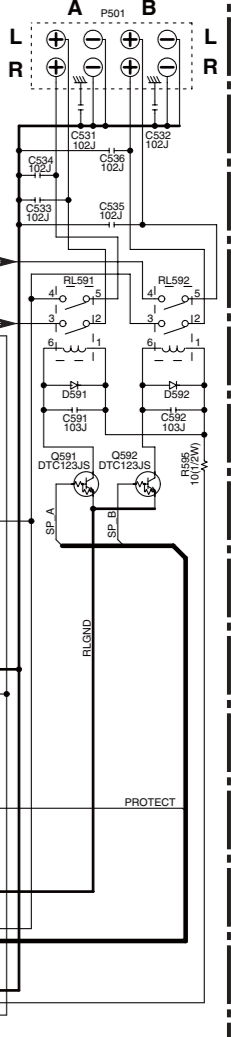
POWER AMP. L ch



POWER AMP. R ch



SPEAKERS



1

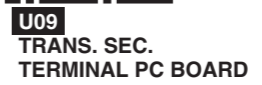
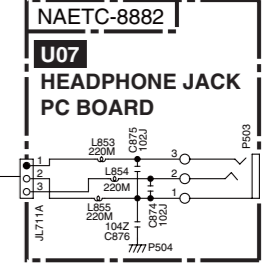
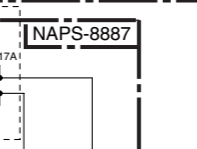
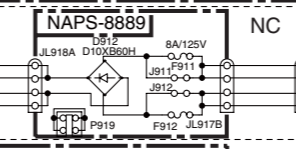
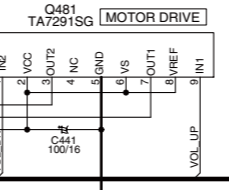
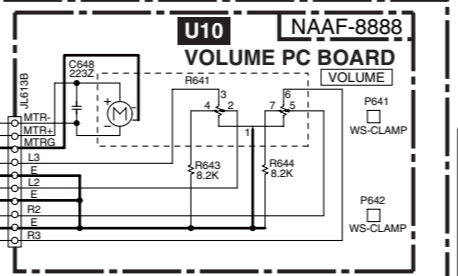
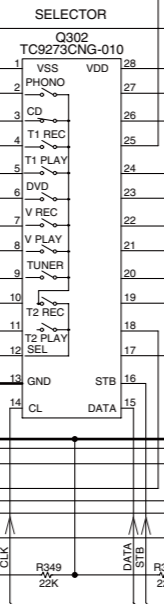
2

3

4

5

- PHONO
- CD
- OUT
- TAPE 1 IN
- OUT
- TAPE 2 IN
- OUT
- LINE 1/DVD IN
- LINE-2 IN
- VIDEO IN



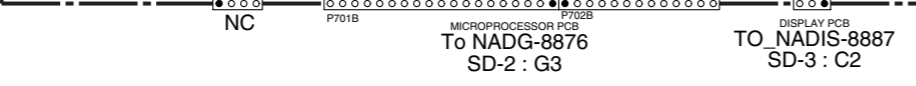
Refer to following table about the parts displayed by mark "LIST".

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C317, 318		
C321, 322	None	101K
C325-330		
C409, 410		

NOTE

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- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS (\square) ARE IN μ F/WV.
- ALL CAPACITORS ARE IN pF/50VWV UNLESS OTHERWISE NOTED. EX) 030-3pF 330-33pF 331-330pF 333-0.033uF
- ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
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- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

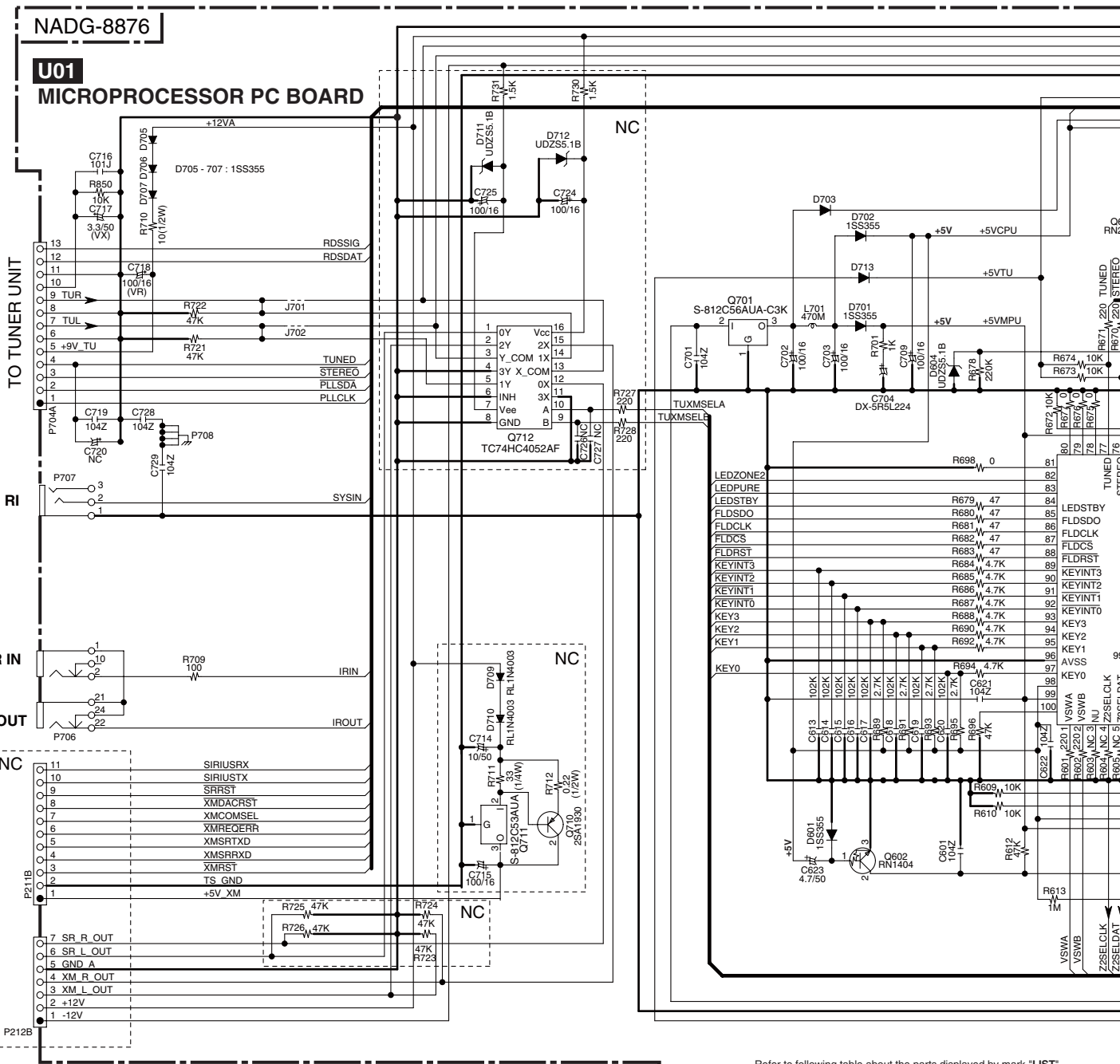
<Note>
 NC = No mount of parts.
 SD-Z : XY
 Location of connected terminal in schematic diagrams.
 SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.



To POWER TRANS. SD-4 : E1

PHONES

SCHEMATIC DIAGRAMS-2
MICROPROCESSOR SECTION



NOTE

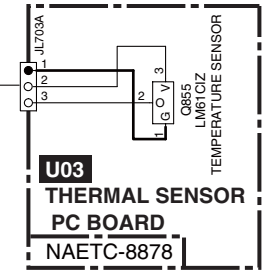
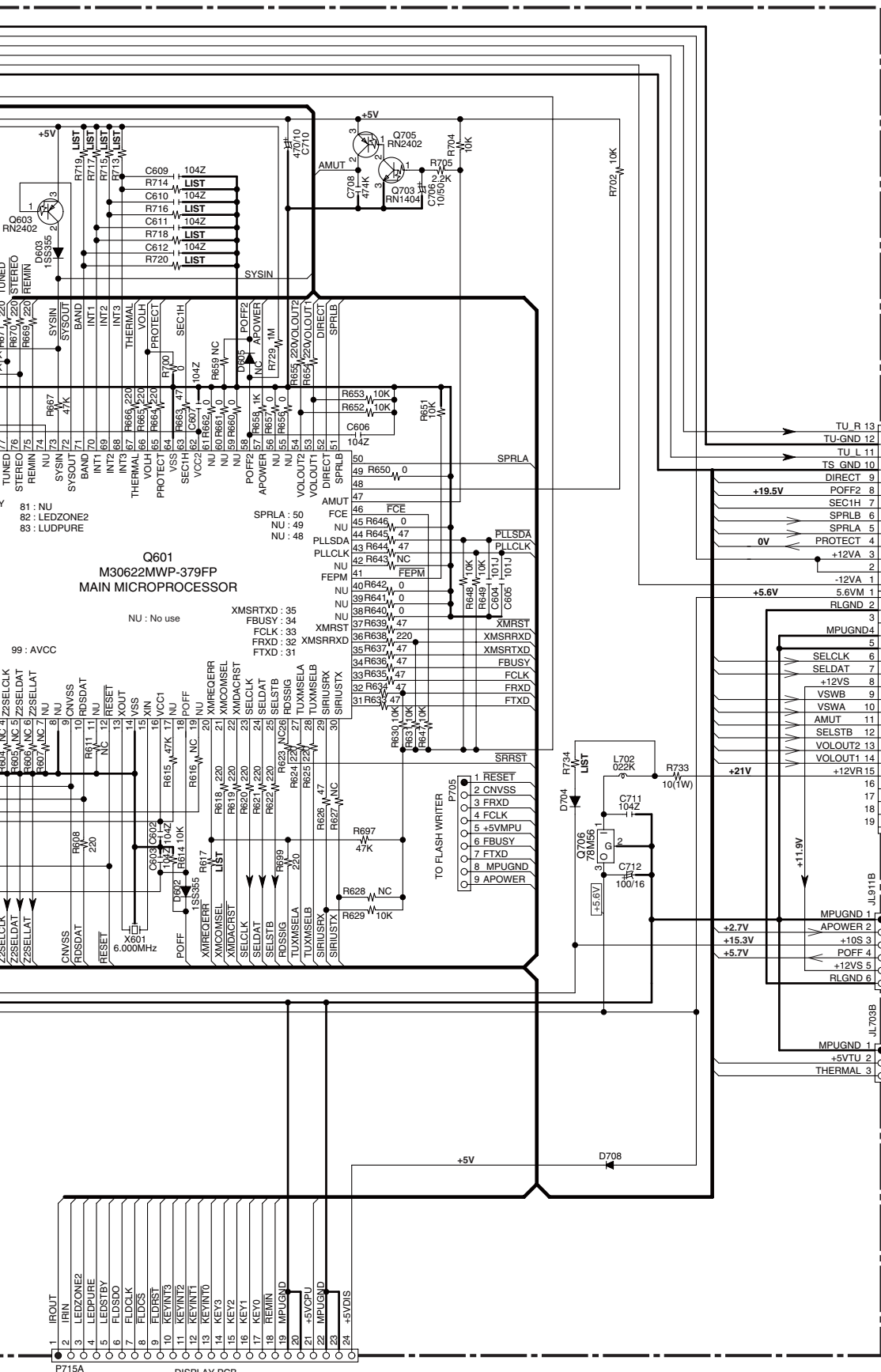
- THE COMPONENTS IDENTIFIED BY MARK ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
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- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS () ARE IN uF/WV.
- ALL CAPACITORS ARE IN pF/50V UNLESS OTHERWISE NOTED.
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<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.

Refer to following table about the parts displayed by mark "LIST".

TYPE -->	MDC	MPP
R608	None	220
R617	None	None
R699	None	220
R713	None	None
R714	0	0
R715	10k	10k
R716	None	None
R717	10k	10k
R718	None	None
R719	33k	56k
R720	4.7k	33k
R734	560	270

1
2
3
4
5



SCHEMATIC DIAGRAMS-2
MICROPROCESSOR SECTION

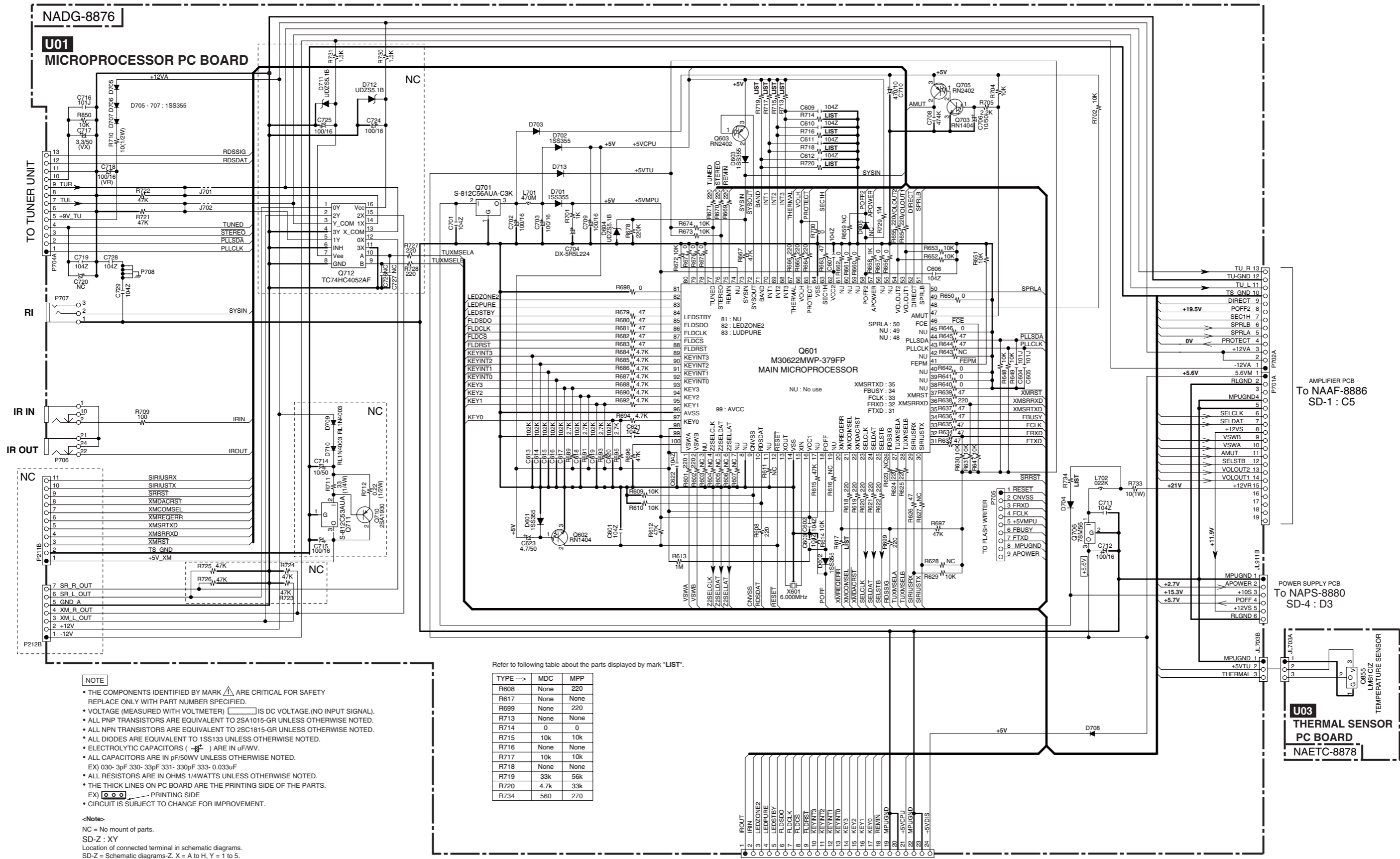
1

2

3

4

5

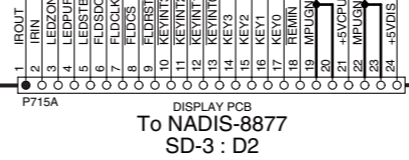


- NOTE**
- THE COMPONENTS IDENTIFIED BY MARK Δ ARE CRITICAL FOR SAFETY REPLACE ONLY WITH PART NUMBER SPECIFIED.
 - VOLTAGE (MEASURED WITH VOLTMETER) \square IS DC VOLTAGE. (NO INPUT SIGNAL).
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 - ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
 - ELECTROLYTIC CAPACITORS ($\text{---} \text{---} \text{---}$) ARE IN $\mu\text{F/WV}$.
 - ALL CAPACITORS ARE IN $\text{pF}/50\text{VW}$ UNLESS OTHERWISE NOTED.
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 - ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
 - THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
 - EX) \square 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.

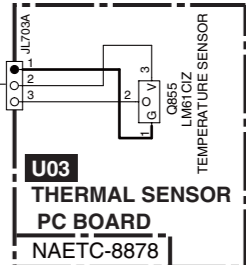
Refer to following table about the parts displayed by mark "LIST".

TYPE --->	MDC	MPP
R608	None	220
R617	None	None
R699	None	220
R713	None	None
R714	0	0
R715	10k	10k
R716	None	None
R717	10k	10k
R718	None	None
R719	33k	56k
R720	4.7k	33k
R734	560	270



AMPLIFIER PCB
To NAAF-8886
SD-1 : C5

POWER SUPPLY PCB
To NAPS-8880
SD-4 : D3



U03
THERMAL SENSOR
PC BOARD
NAETC-8878

DISPLAY PCB
To NADIS-8877
SD-3 : D2

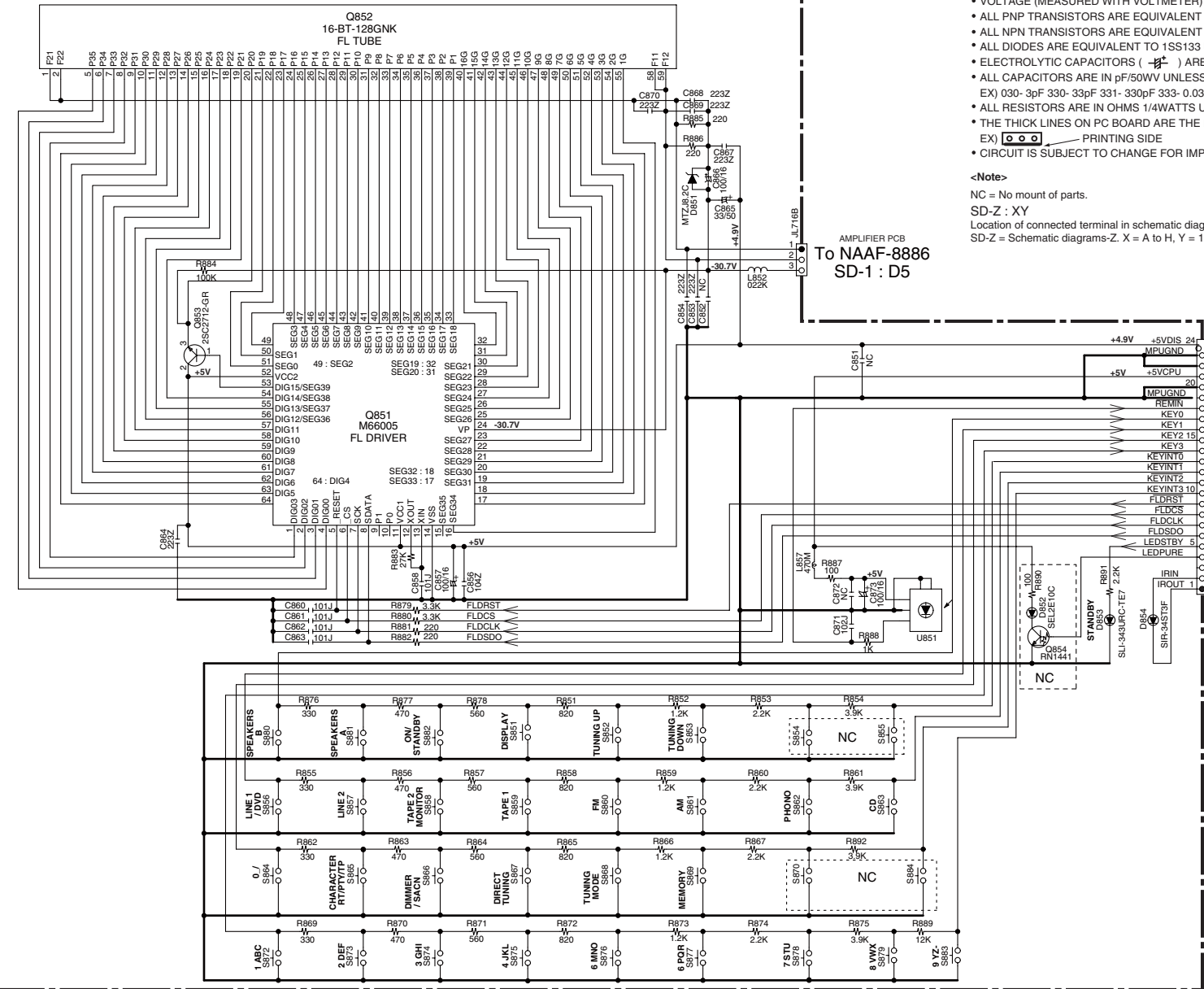
SCHEMATIC DIAGRAMS-3

DISPLAY SECTION

NADIS-8877

U02

DISPLAY PC BOARD



NOTE

- THE COMPONENTS IDENTIFIED BY MARK \triangle ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
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- 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.
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- EX) \square PRINTING SIDE
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<Note>

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

AMPLIFIER PCB
To NAAF-8886
SD-1 : D5

MICROPROCESSOR PCB
To NADG-8876
SD-2 : E5

SCHEMATIC DIAGRAMS-4

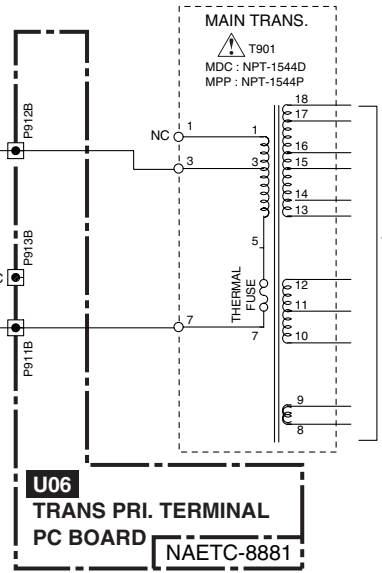
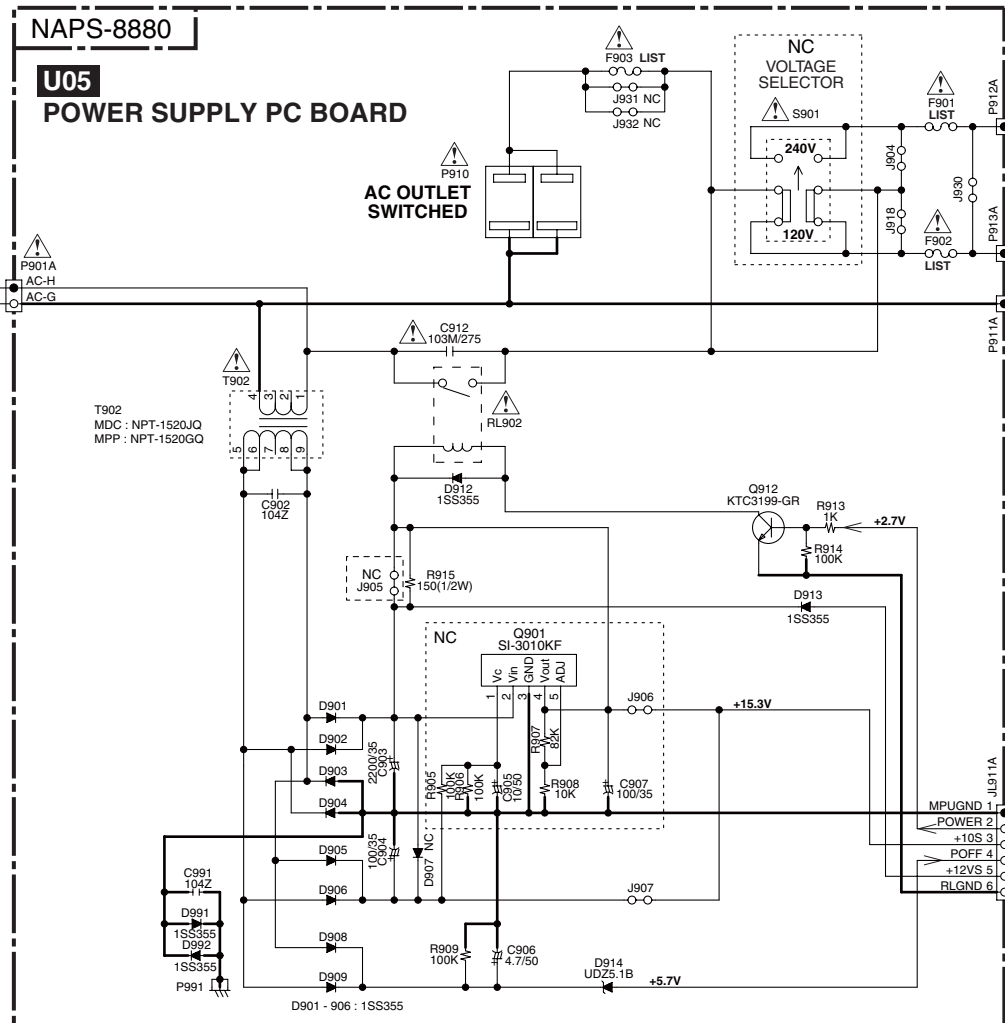
POWER SUPPLY SECTION

1

2

3

4



TRANS. SEC. TERMINAL PCB
To NAPS-8887
SD-1 : G4

Refer to following table about the parts displayed by mark "LIST".

TYPE -->	MDC	MPP
F901	5A125V	None
F902	None	T2.5AL250V
F903	5A125V	T2.5AL250V

MICROPROCESSOR PCB
To NADG-8876
SD-2 : G4

NOTE

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- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS (---) ARE IN $\mu\text{F/WV}$.
- ALL CAPACITORS ARE IN pF/50WV UNLESS OTHERWISE NOTED.
EX) 030- 3pF 330- 33pF 331- 330pF 333- 0.033 μF
- ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
- THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
EX) \square PRINTING SIDE
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

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SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

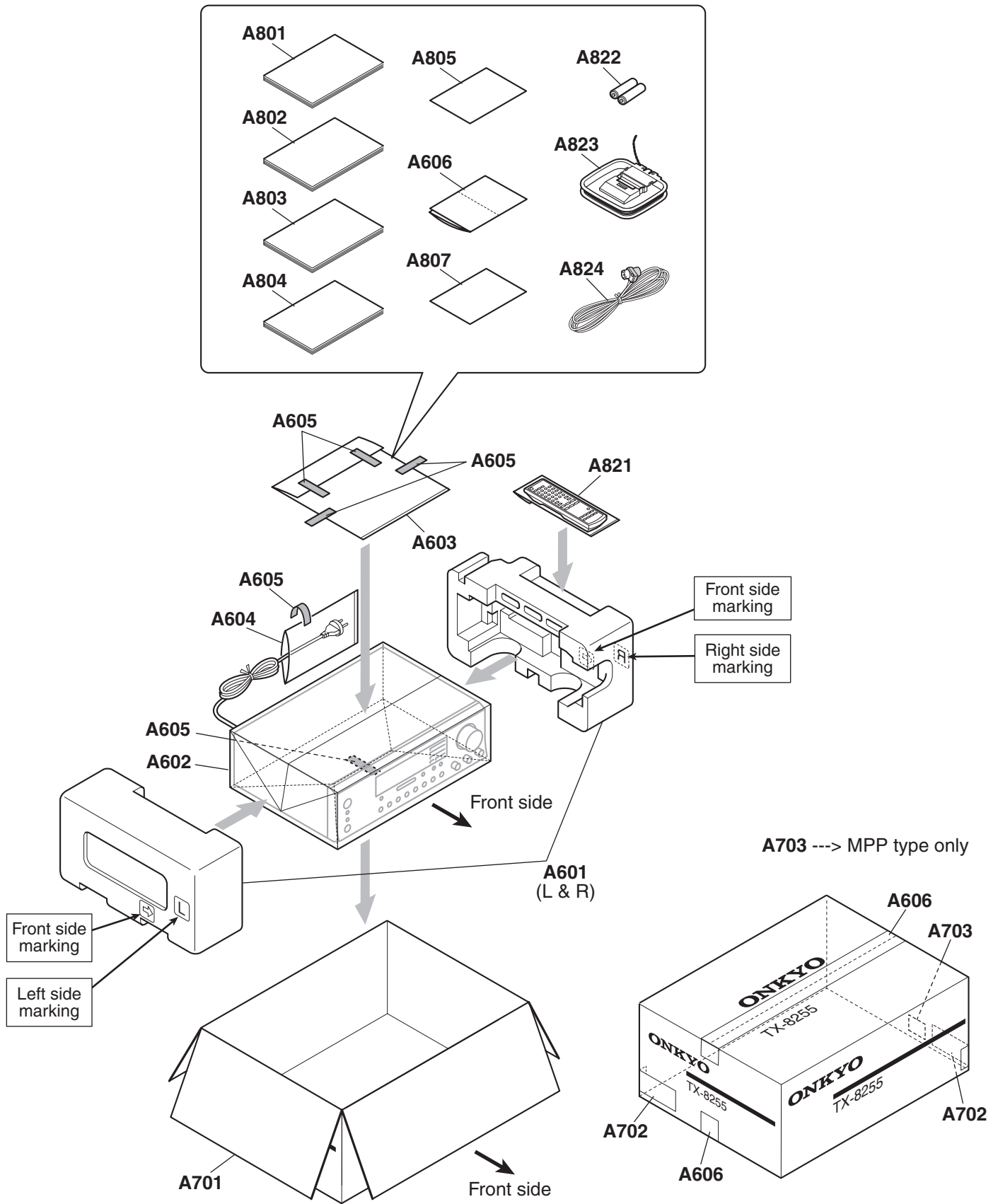
CAUTION
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH FUSE OF SAME TYPE AND RATING INDICATED.

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

\square
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.

\square
CE SYMBOLE INDIQUE QUE LE FUSIBLE UTILISE EST E LENT.POUR UNE PROTECTION PERMANENTE,N'UTILISER QUE DES FUSIBLES DE MEME TYPE. CE DERNIER EST INDIQUE LA QU LE PRESENT SYMBOLE EST APPOSE.

PACKING PROCEDURE



A

B

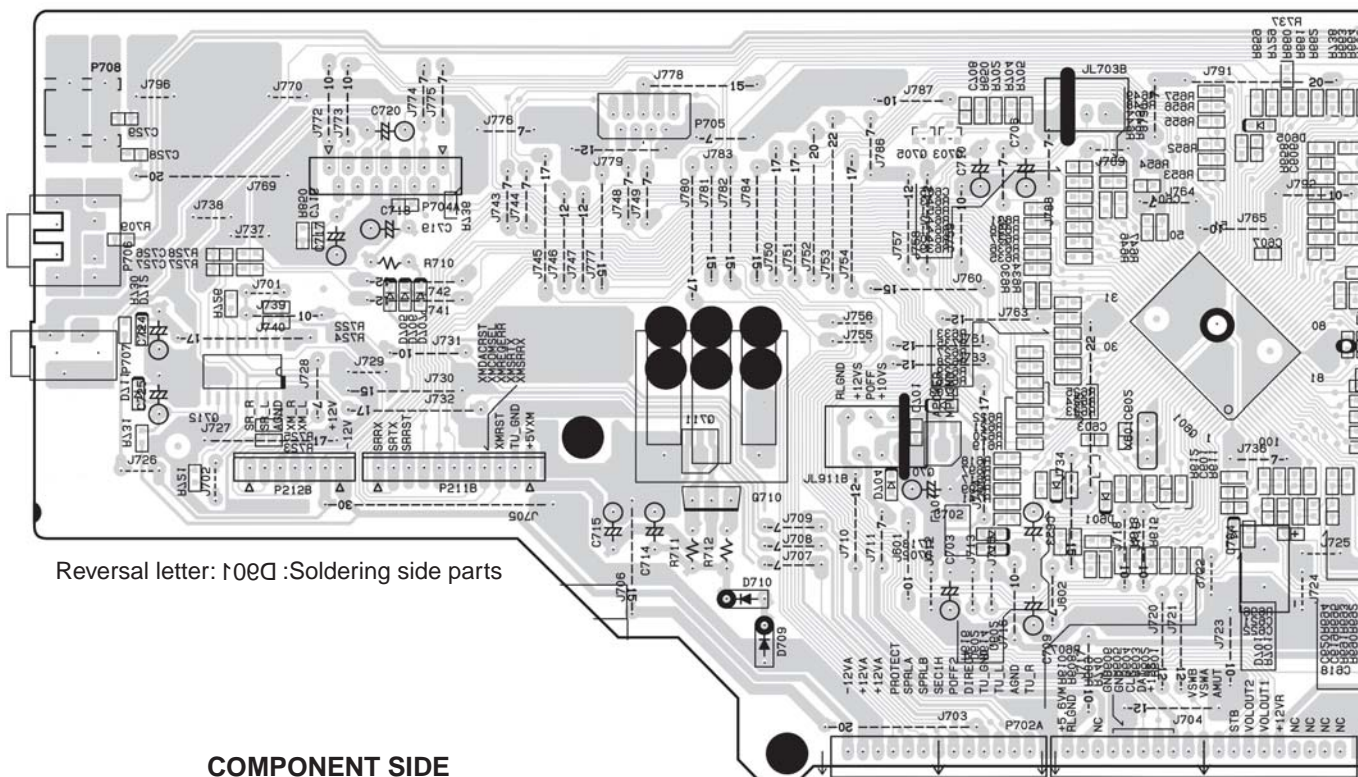
C

D

PRINTED CIRCUIT BOARD VIEW 1

1

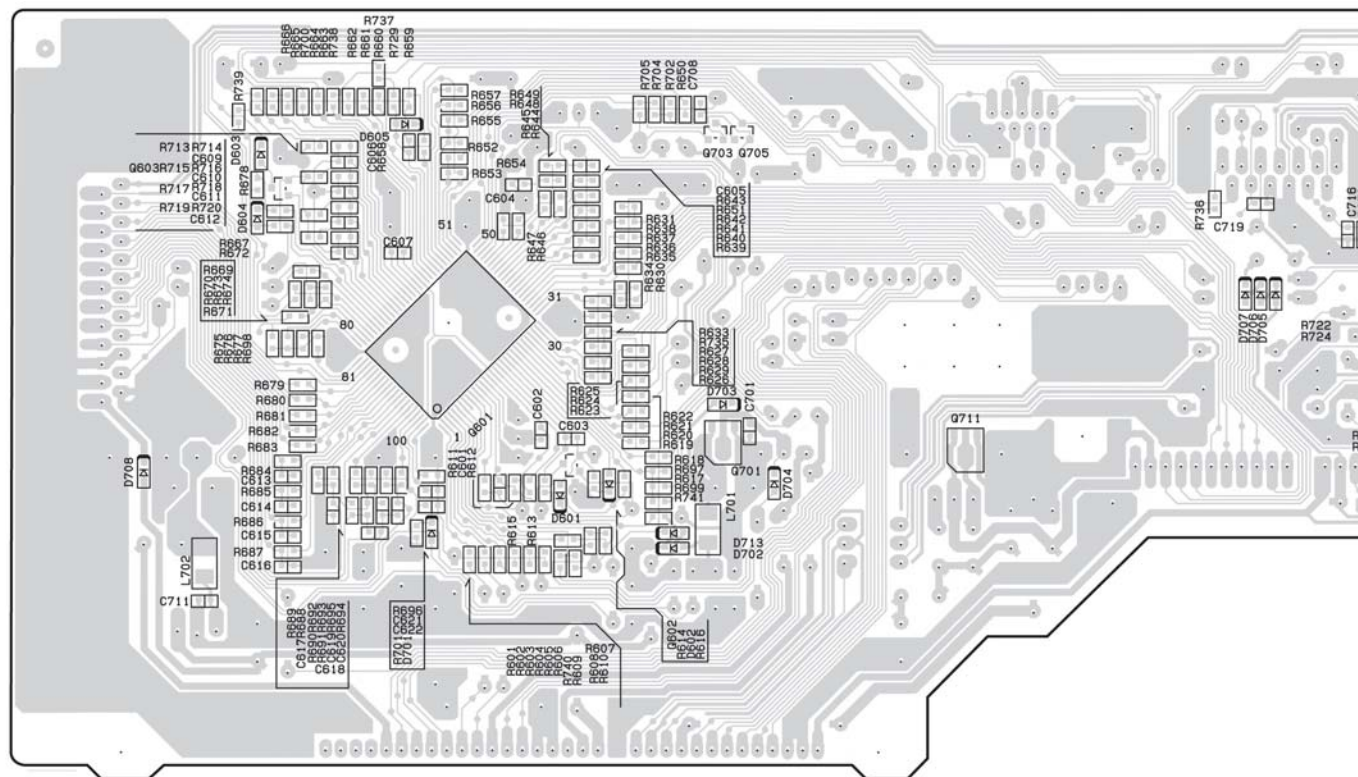
2



3

4

5



U01

MICROPROCESSOR PC BOARD (NADG-8876)

A

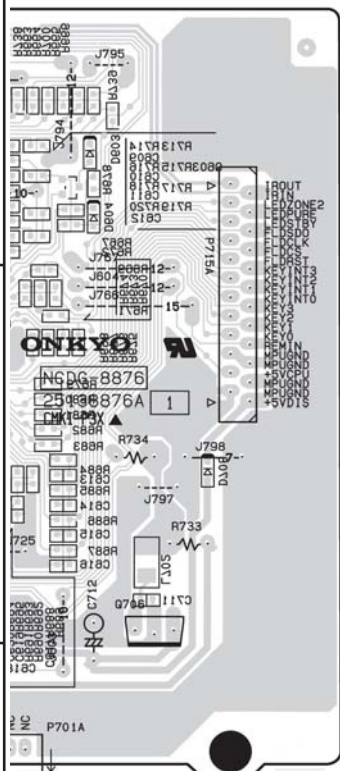
B

C

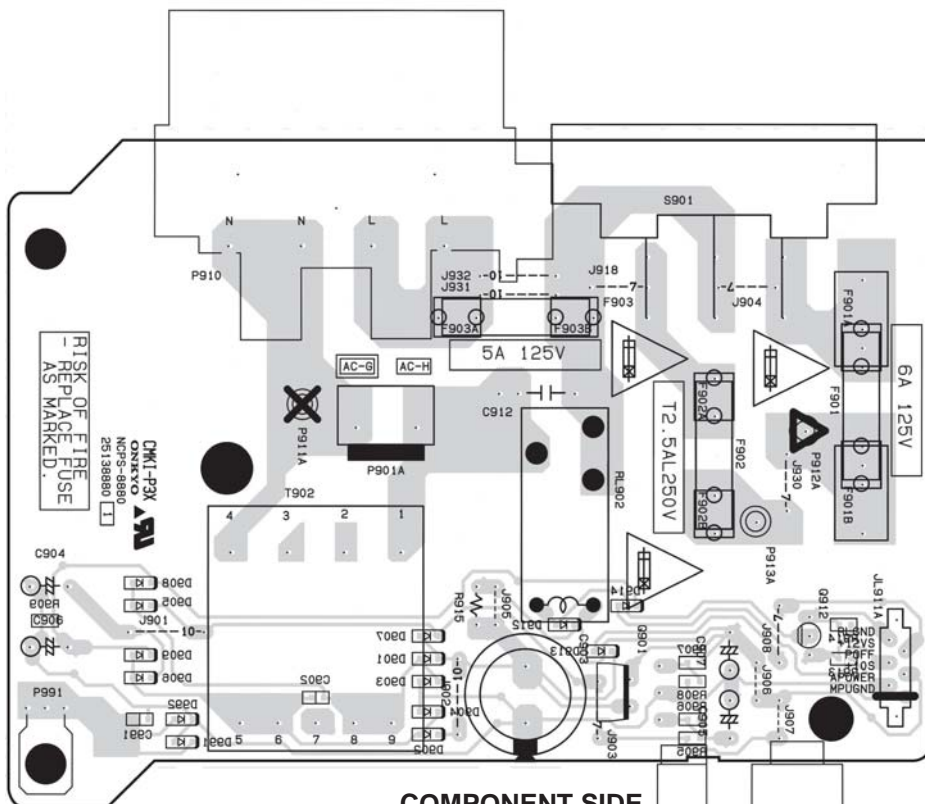
D

PRINTED CIRCUIT BOARD VIEW 1

1



2

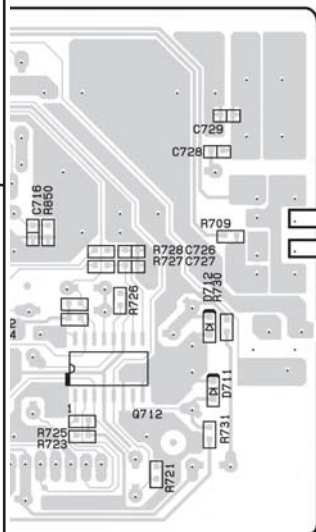


COMPONENT SIDE

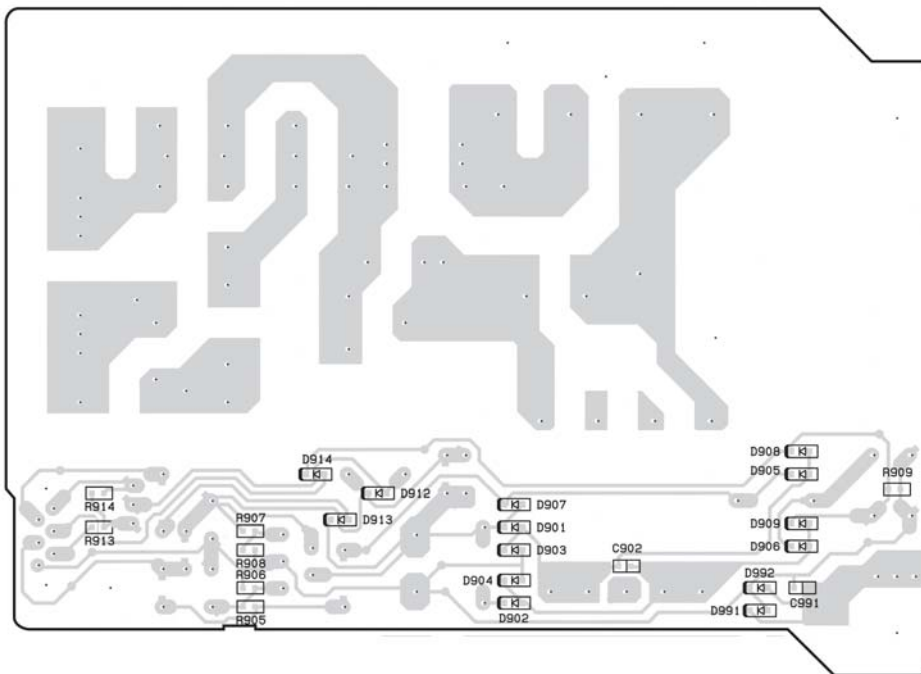
3

Reversal letter: 10ED :Soldering side parts

4



5



SOLDERING SIDE

U015

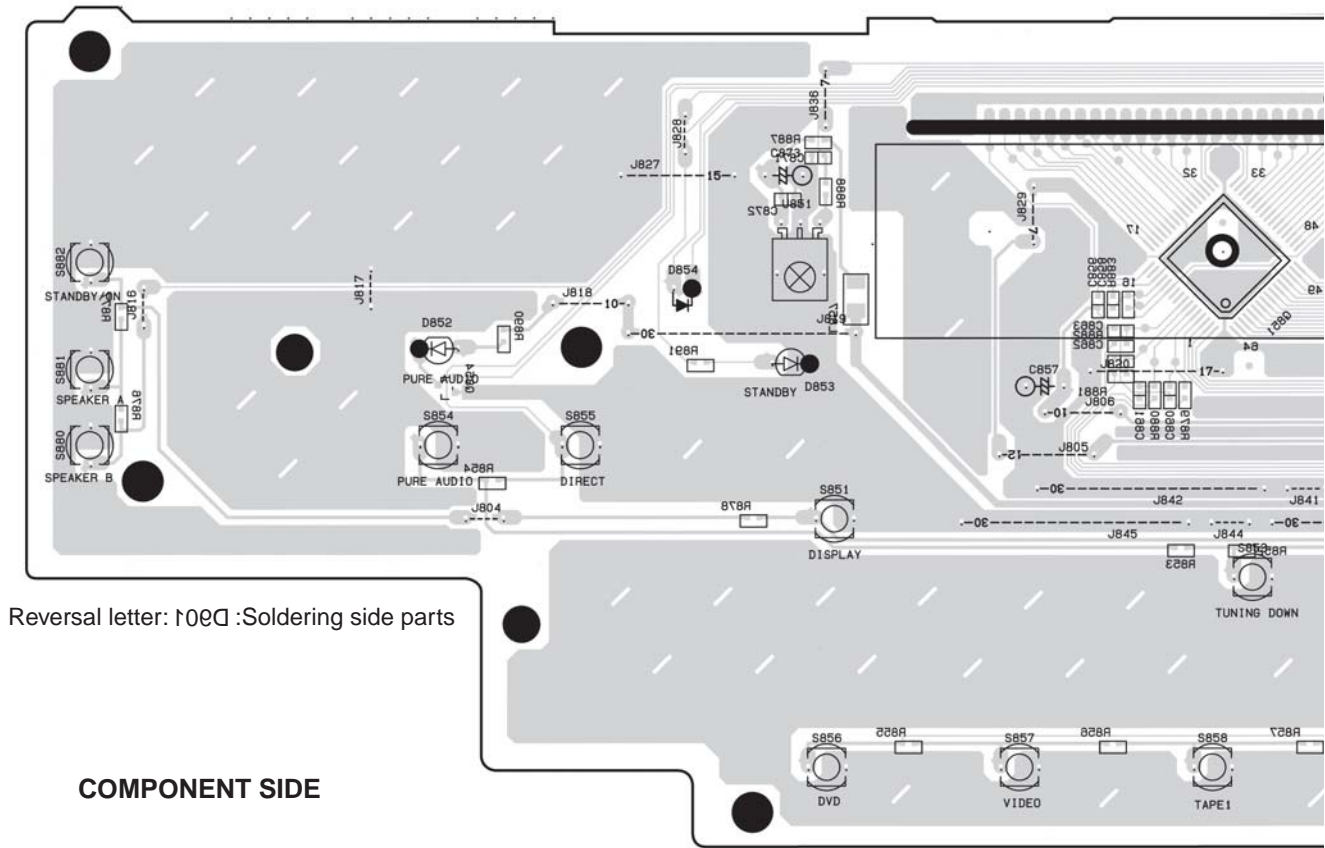
PRIMARY CIRCUIT PC BOARD (NAPS-8880)

A B C D

PRINTED CIRCUIT BOARD VIEW 2

1

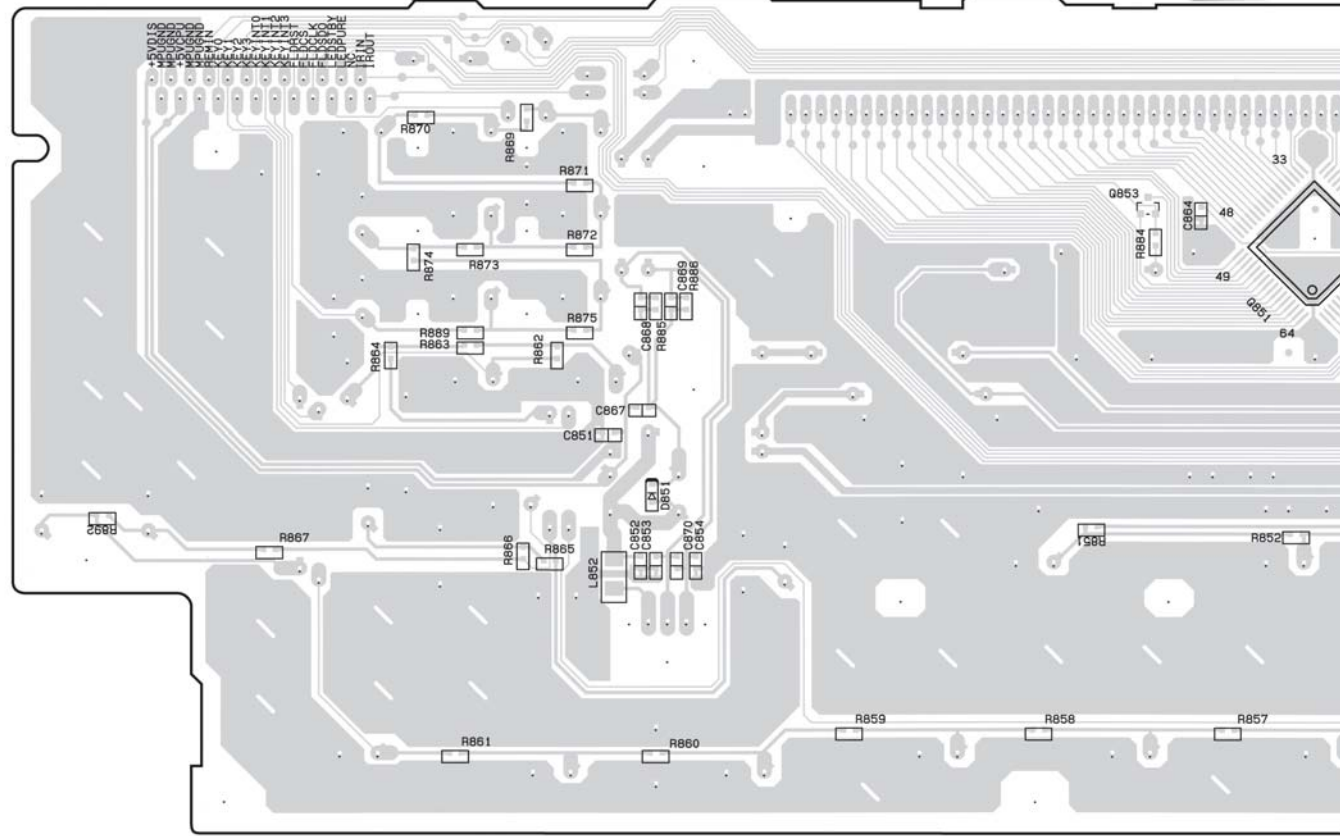
2



3

4

5



U012

DISPLAY CIRCUIT PC BOARD (NADIS-8877)

A B C D

PRINTED CIRCUIT BOARD VIEW 2

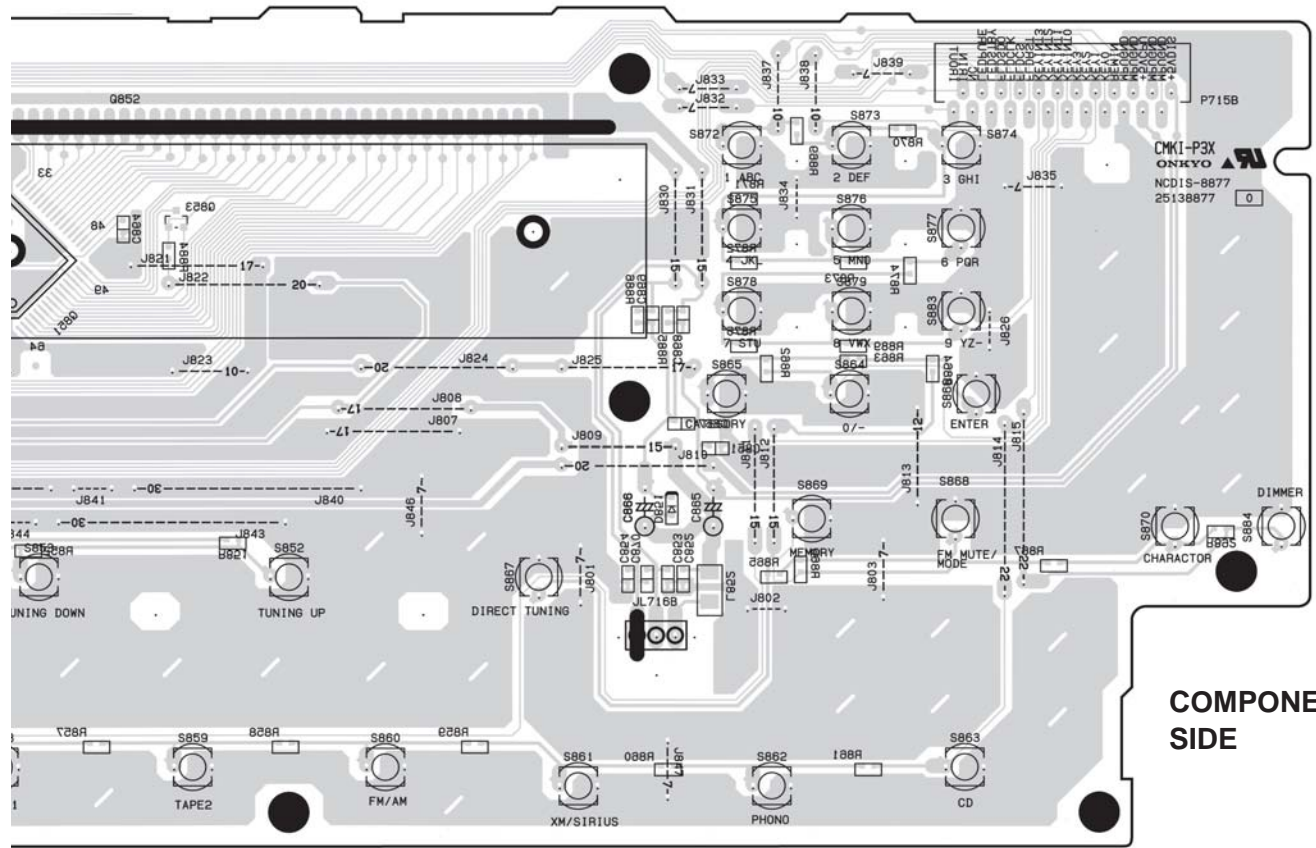
1

2

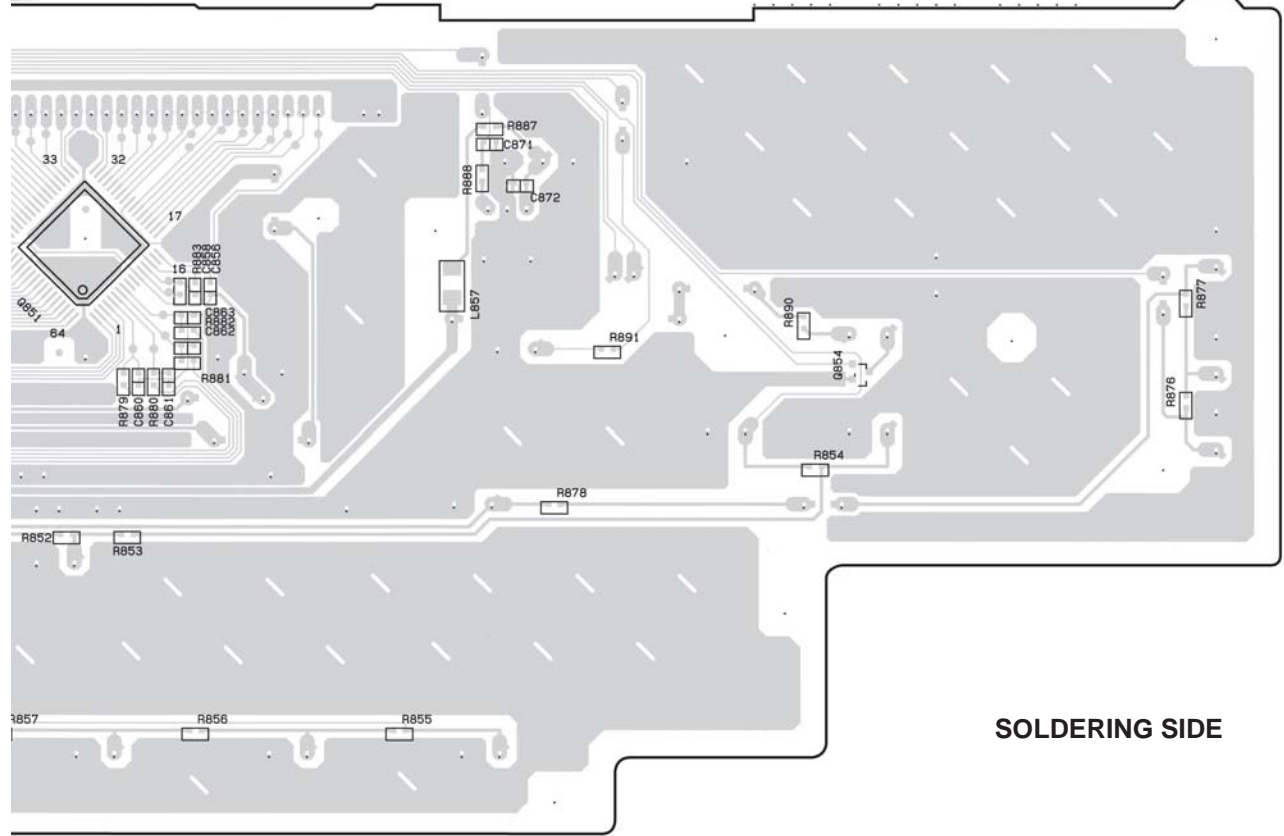
3

4

5



Reversal letter: 100D :Soldering side parts



U012

DISPLAY CIRCUIT PC BOARD (NADIS-8877)

A B C D
PRINTED CIRCUIT BOARD VIEW 3

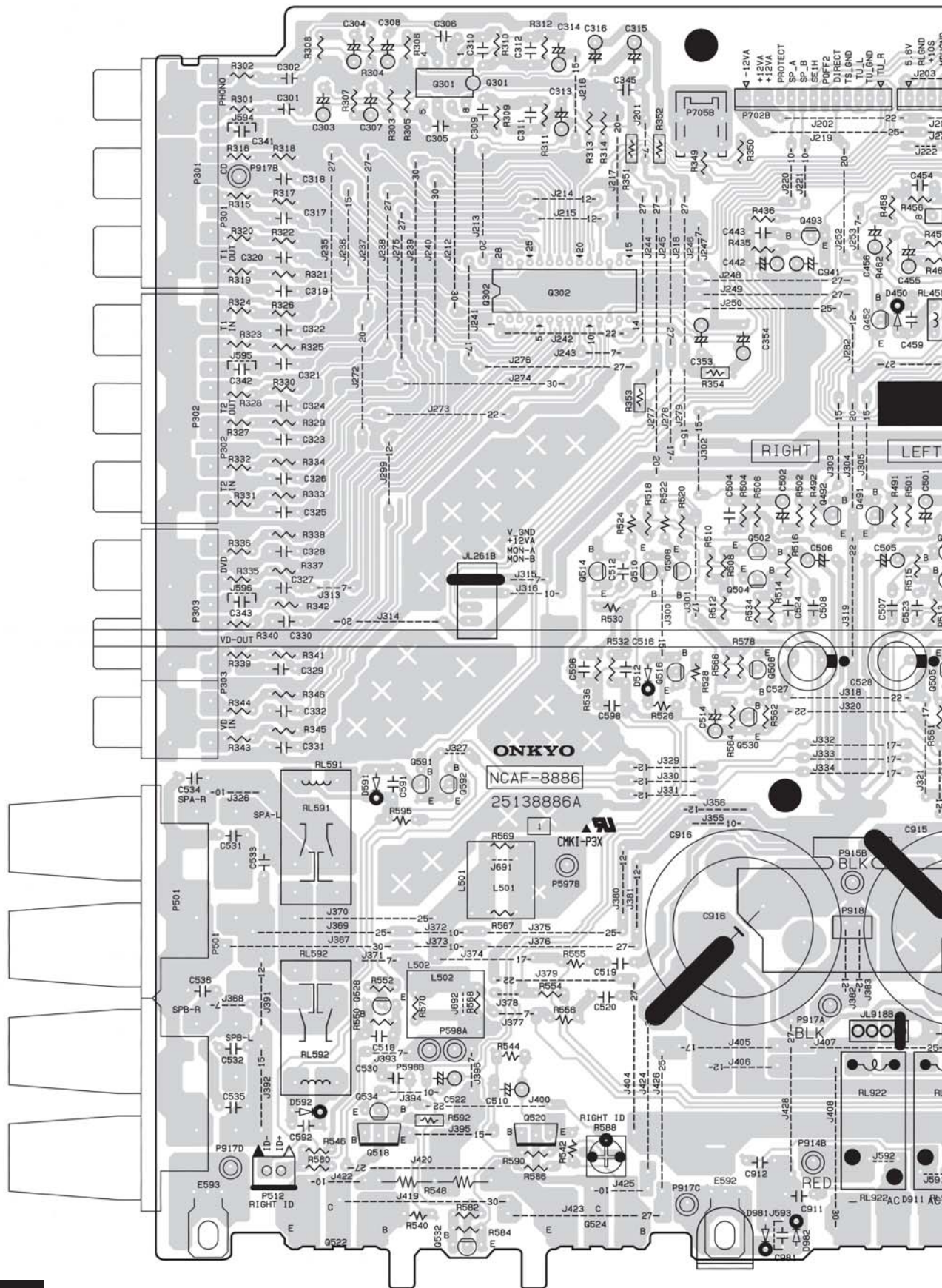
1

2

3

4

5



U02

MAIN CIRCUIT PC BOARD (NAAF-8886)

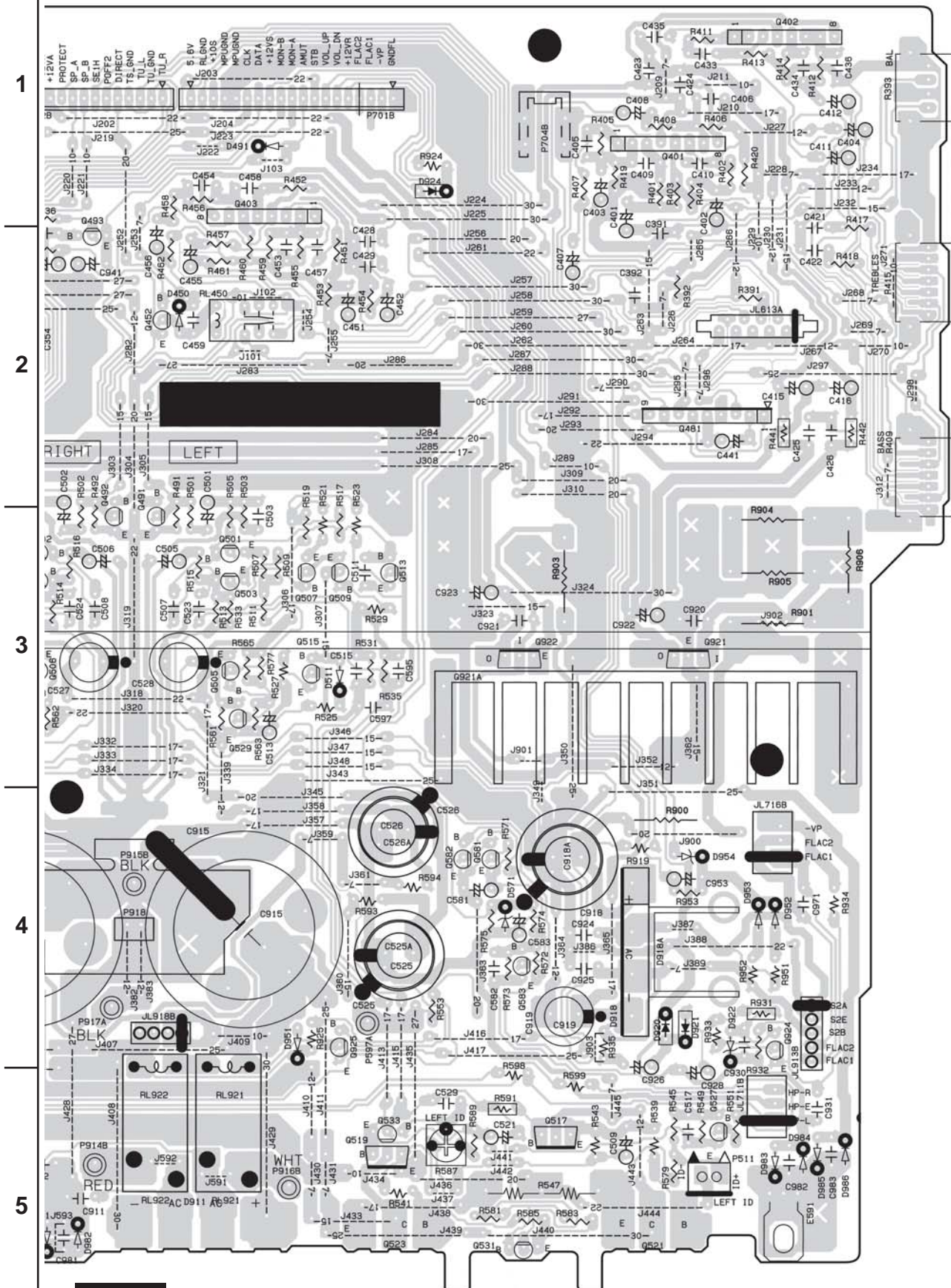
A

B

C

D

PRINTED CIRCUIT BOARD VIEW 3



U02

MAIN CIRCUIT PC BOARD (NAAF-8886)

A

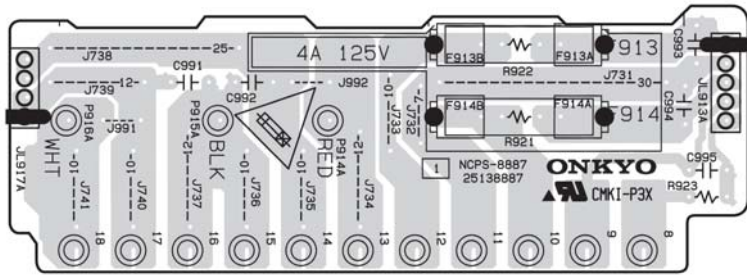
B

C

D

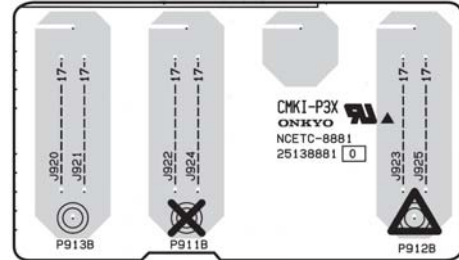
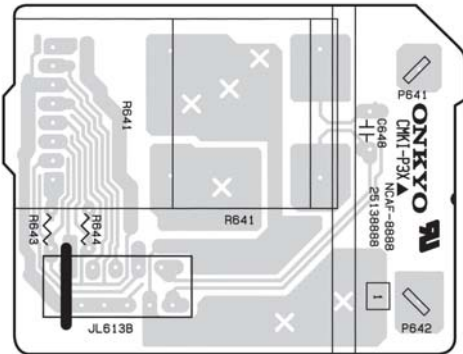
PRINTED CIRCUIT BOARD VIEW 4

1



U022 TRANSFORMER TERMINAL PC BOARD (NAPS-8887)

2

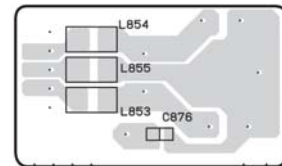
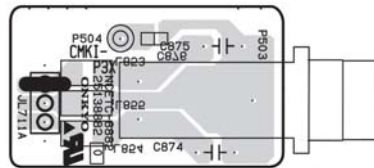


U023 VOLUME PC BOARD (NAAF-8888)

U016

TRANSFORMER TERMINAL PC BOARD (NAETC-8881)

3



Reversal letter: 100Q :Soldering side parts

COMPONENT SIDE

SOLDERING SIDE

4

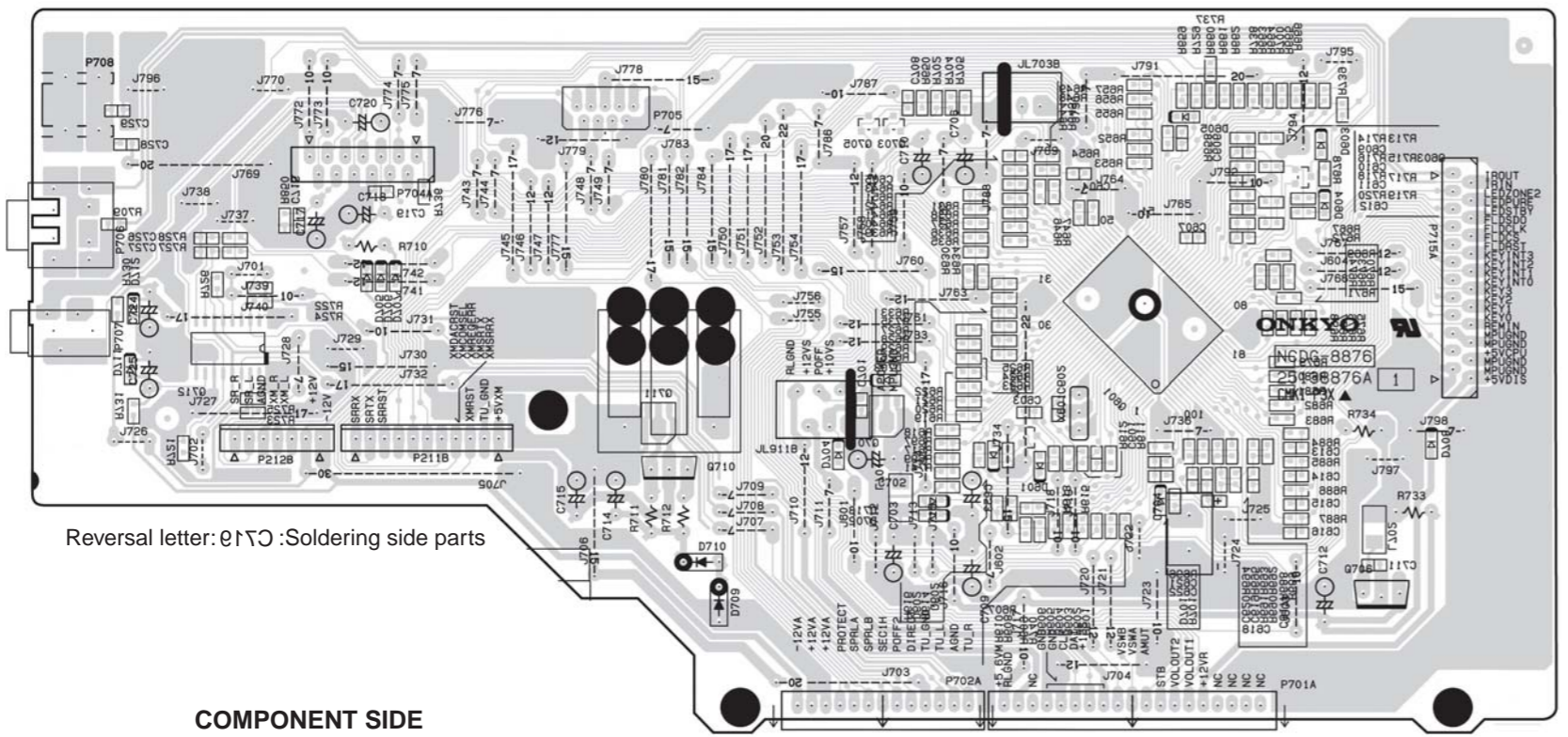
U017 HEADPHONE TERMINAL PC BOARD (NAETC-8882)

5

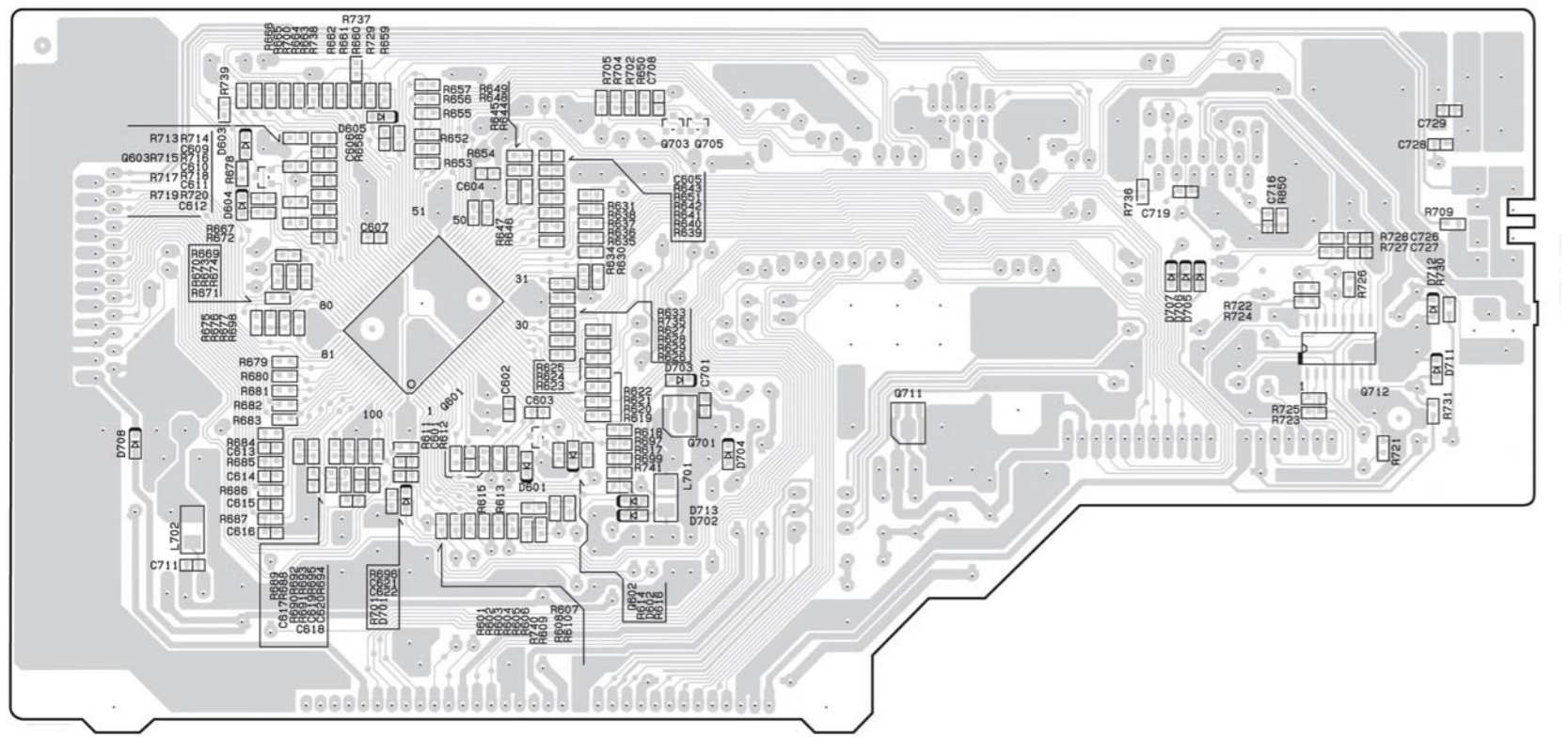
A B C D E F G H

PRINTED CIRCUIT BOARD VIEW 1

1



2



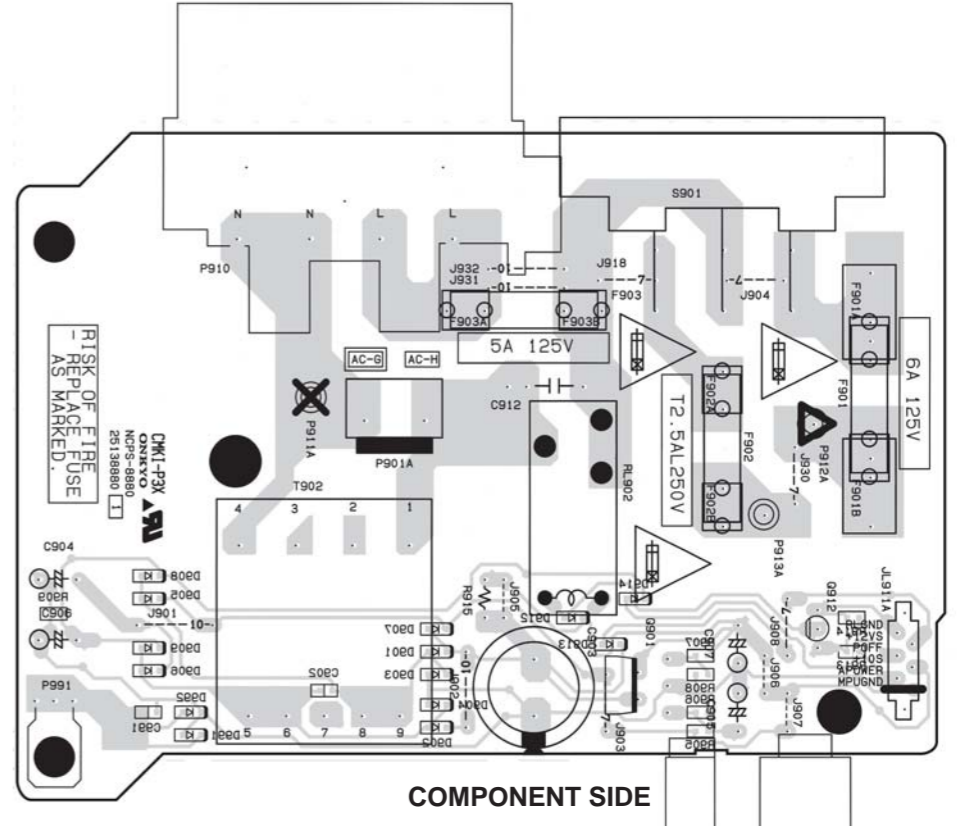
3

4

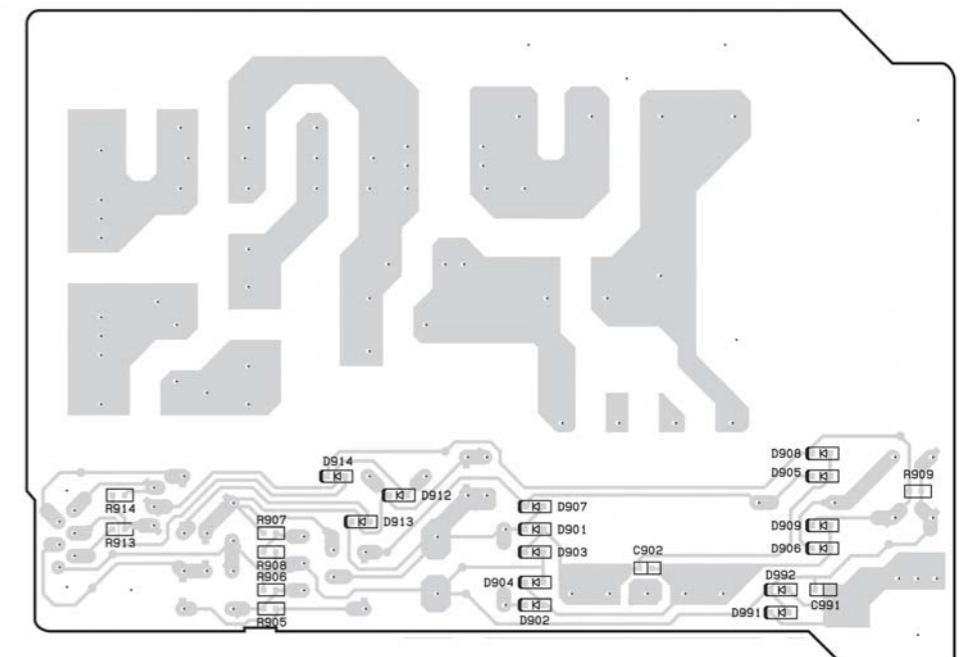
5

U01

MICROPROCESSOR PC BOARD (NADG-8876)



Reversal letter: 100C :Soldering side parts



U015

PRIMARY CIRCUIT PC BOARD (NAPS-8880)

A B C D E F G H

PRINTED CIRCUIT BOARD VIEW 2

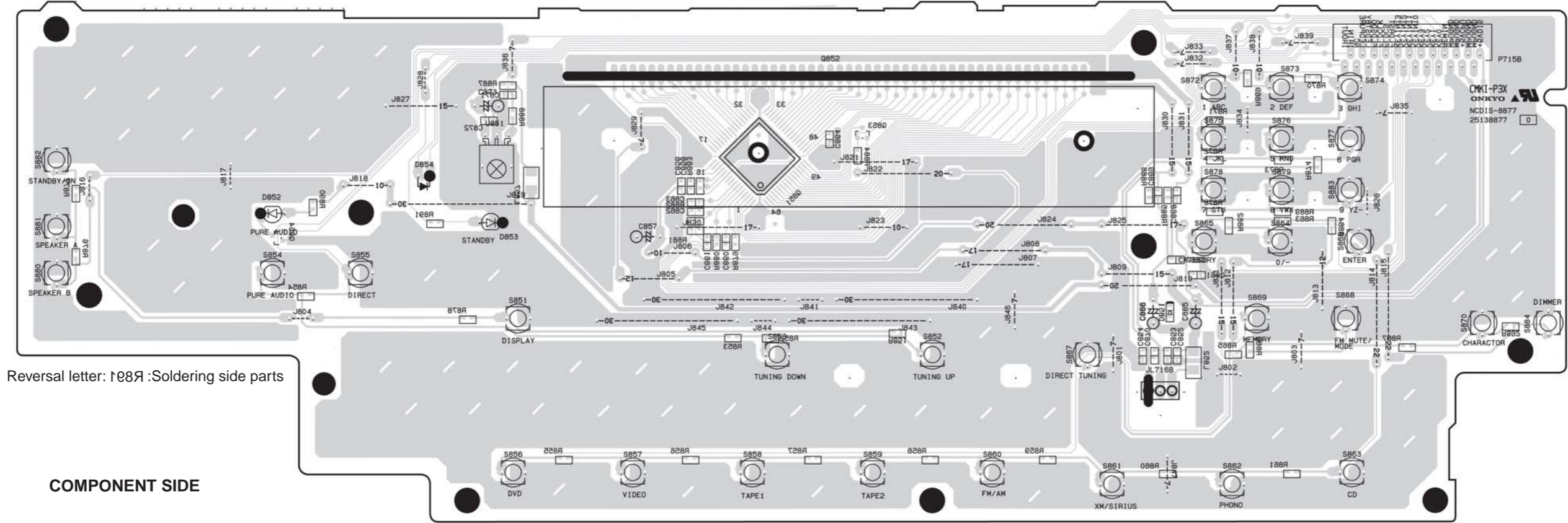
1

2

3

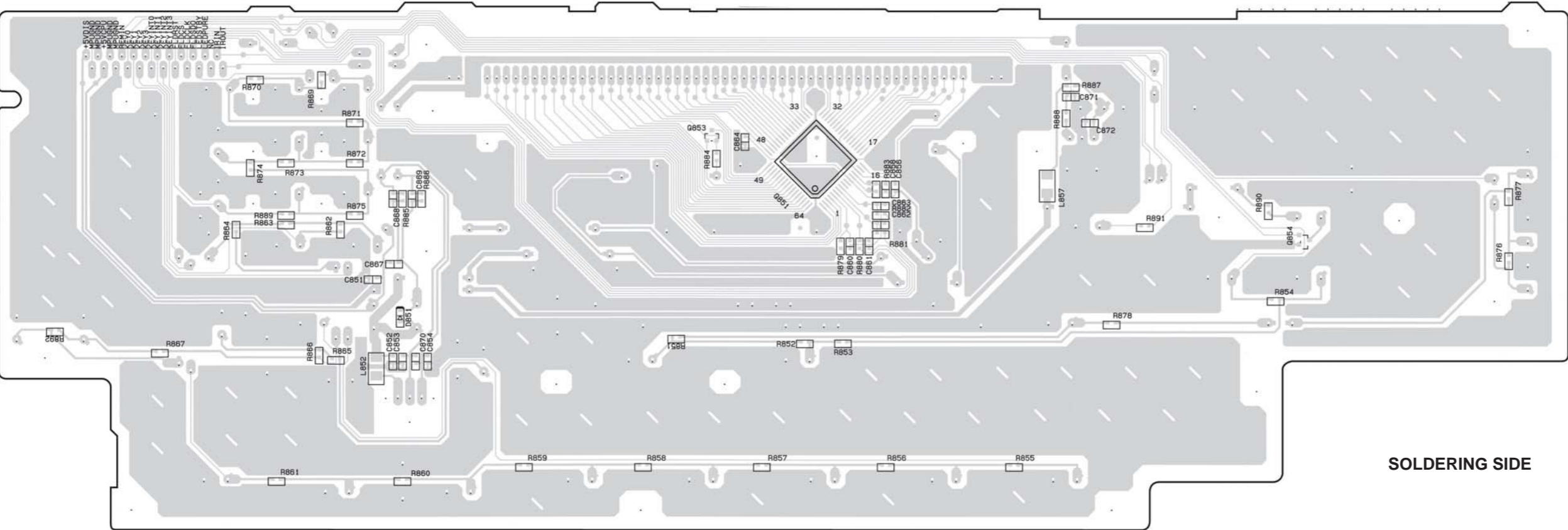
4

5



Reversal letter: 1989A :Soldering side parts

COMPONENT SIDE



SOLDERING SIDE

U012 DISPLAY CIRCUIT PC BOARD (NADIS-8877)

PRINTED CIRCUIT BOARD VIEW 3

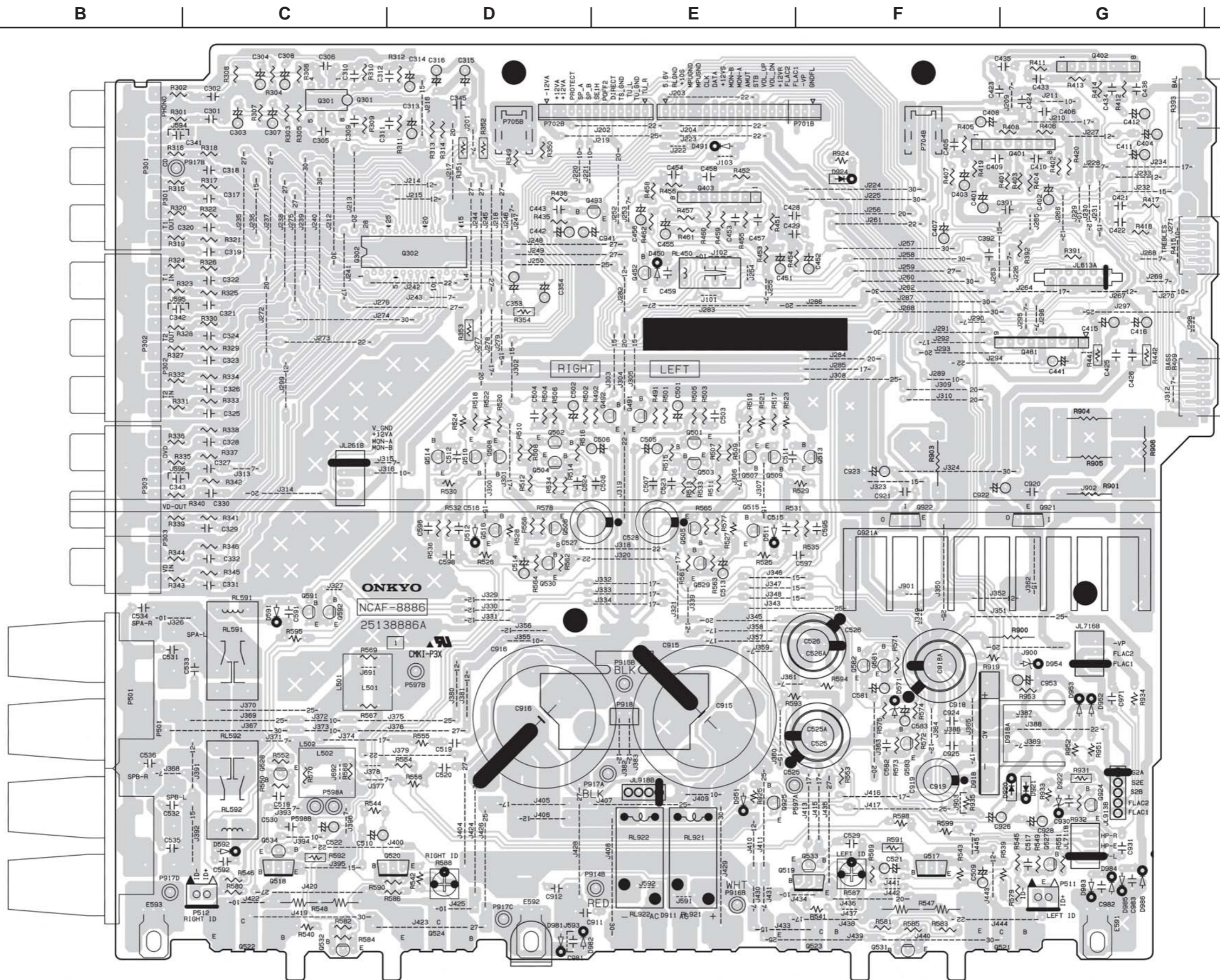
1

2

3

4

5

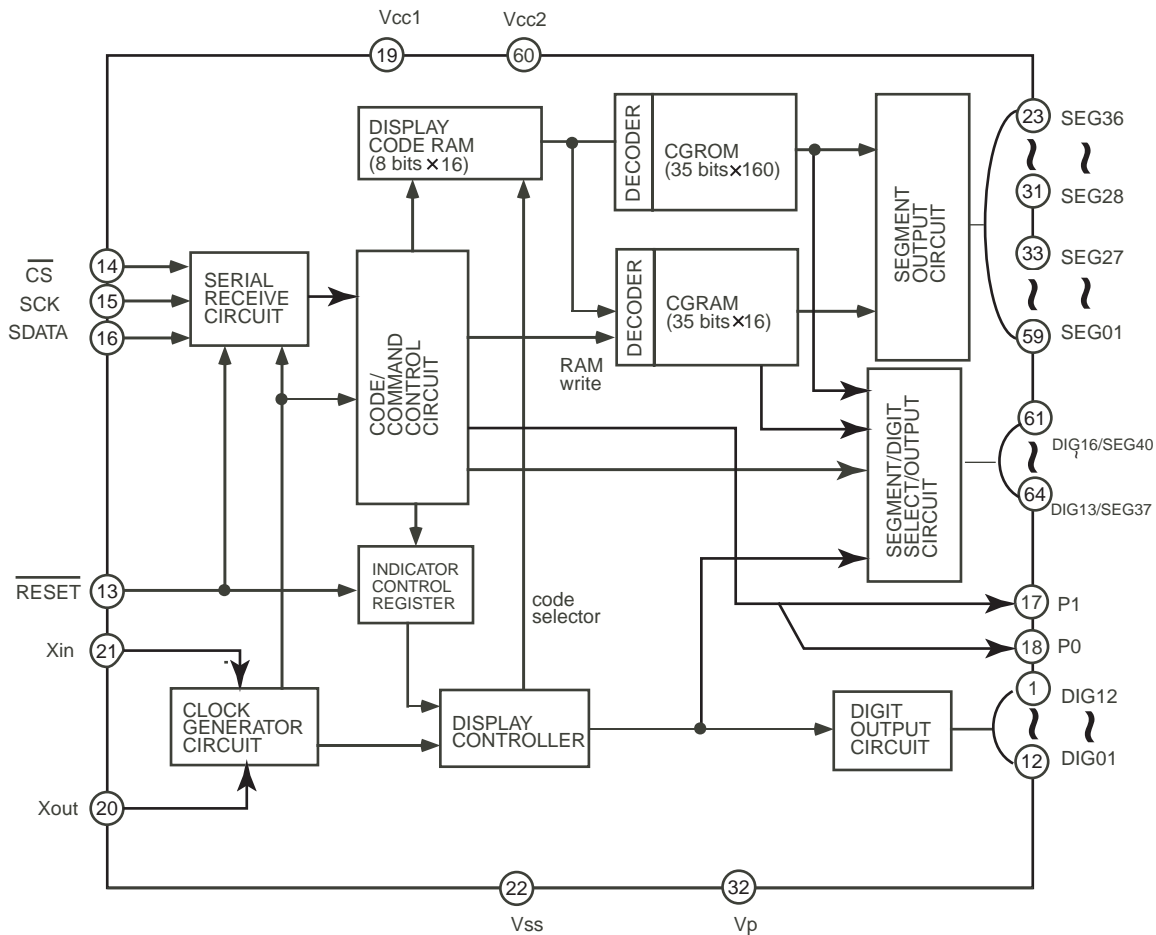


U02

MAIN CIRCUIT PC BOARD (NAAF-8886)

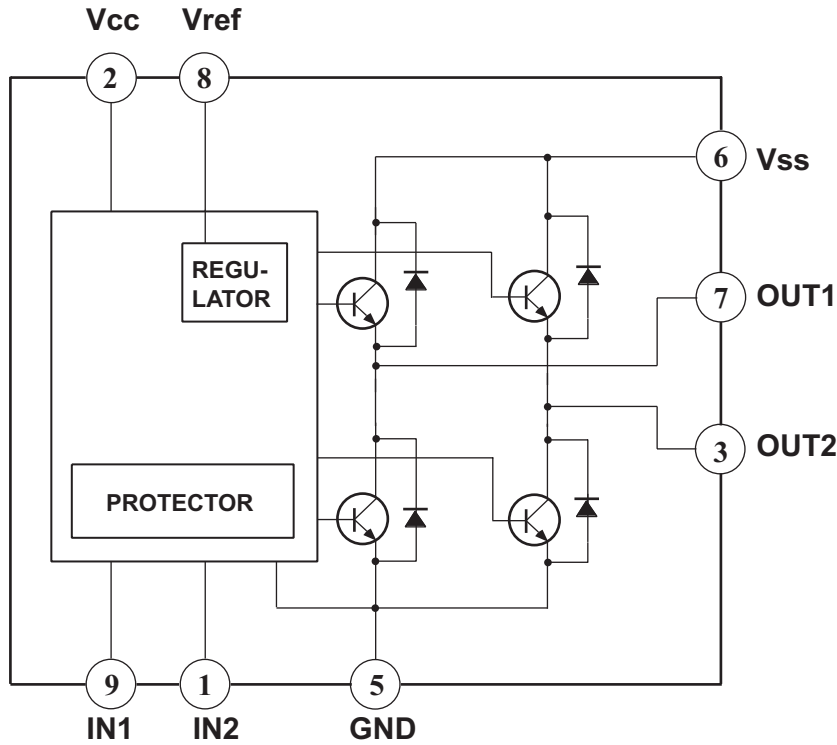
IC BLOCK DIAGRAMS AND DESCRIPTIONS

M66005-0001AFP(FL tube drive IC)



IC BLOCK DIAGRAMS AND DESCRIPTIONS

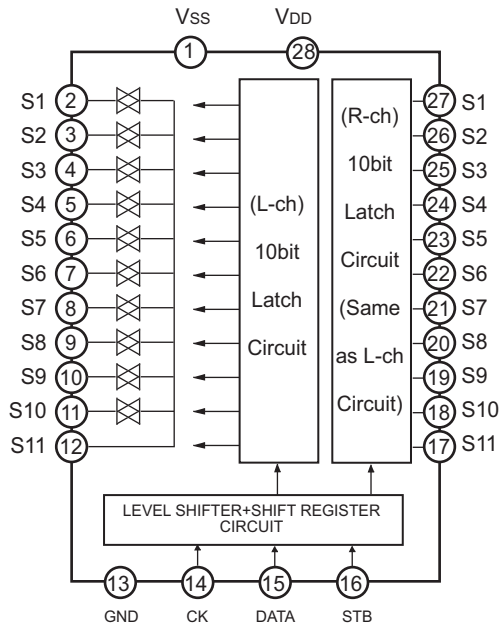
TA7291S(Volume motor driver)



INPUT		OUTPUT		MODE
IN1	IN2	OUT1	OUT2	
0	0	∞	∞	STOP
1	0	H	L	CW/CCW
0	1	L	H	CCW/CW
1	1	L	L	BRAKE

CCW: Counter-clockwise
 CW: Clockwise

TC9273CNG(Analog Switch Array)

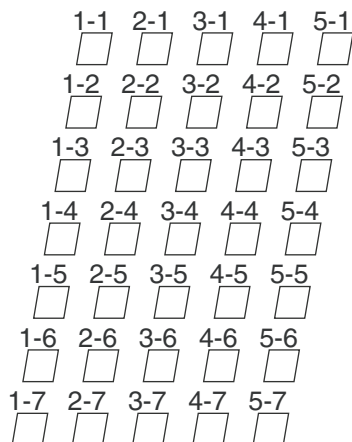
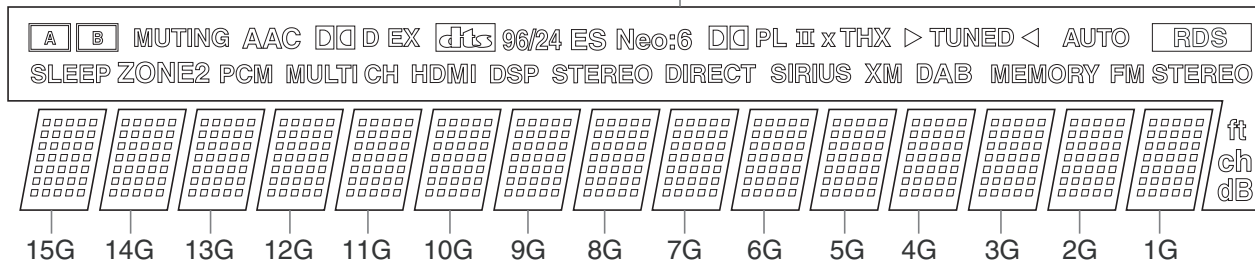


Pin No.	Symbol	Description
1	Vss	Negative power supply pin
13	GND	Digital ground pin
28	VDD	Positive power supply pin
2/27	S1	Input/Output pins
3/26	S2	
4/25	S3	
5/24	S4	
6/23	S5	
7/22	S6	
8/21	S7	
9/20	S8	
10/19	S9	
11/18	S10	
12/17	S11	
14	CK	Clock input pin for data transfer.
15	DATA	Serial data input pin for setting switches.
16	STB	Strobe input pin for data writing.

FL TUBE VIEW

Q852 : 16-BT-128GNYK

16G



(1G-15G)

	16G	15G-1G
P1	[A]	1-1
P2	[B]	2-1
P3	SLEEP	3-1
P4	MUTING	4-1
P5	AAC	5-1
P6	ZONE2	1-2
P7	PCM	2-2
P8	[D]	3-2
P9	D	4-2
P10	MULTI CH	5-2
P11	EX	1-3
P12	HDMI	2-3
P13	[dts]	3-3
P14	DSP	4-3
P15	96/24	5-3
P16	ES	1-4
P17	STEREO	2-4
P18	Neo:6	3-4

	16G	15G-1G
P19	DIRECT	4-4
P20	[D] [D] PL	5-4
P21	II	1-5
P22	X	2-5
P23	SIRIUS	3-5
P24	THX	4-5
P25	XM	5-5
P26	DAB	1-6
P27	▷ ◁	2-6
P28	TUNED	3-6
P29	MEMORY	4-6
P30	AUTO	5-6
P31	FM STEREO	1-7
P32	[RDS]	2-7
P33	ft	3-7
P34	ch	4-7
P35	dB	5-7

MICROPROCESSOR-TERMINAL DESCRIPTION 1

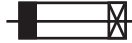
No.	Terminal	Signal Name	I/O	Act.	Description
1	P96/ANEX1/SOUT4	VSWA	O	H	Not used.
2	P95/ANEX0/CLK4	VSWB	O	H	Not used.
3	P94/DA1/TB4IN		I	L	Not used.
4	P93/DA0/TB3IN	Z2SELCLK	O	L	Not used.
5	P92/TB2IN/SOUT3	Z2SELDAT	O	H	Not used.
6	P91/TB1IN/SIN3	Z2SELLAT	O	L	Not used.
7	P90/TB0IN/CLK3		I	L	Not used.
8	BYTE	BYTE			External bus select pin. Connect to Ground.
9	CNVSS	CNVss			Processor mode select pin
10	P87/XCIN	RDSDATA	I	H	RDS data input pin. European model only.
11	P86/XCOUT		I	L	Not used. Connect to Ground.
12	~RESET	~RESET	I	L	System reset pin.
13	XOUT	Xout			Ceramic resonator connection pin. Connect a ceramic resonator 6.00MHz.
14	VSS	Vss			Ground pin.
15	XIN	Xin			Ceramic resonator connection pin. Connect a ceramic resonator 6.00MHz.
16	VCC1	Vcc1			Power supply pin.
17	P85/~NMI	~NMI	I	L	Not used.
18	P84/~INT2	POFF	I	L	Power failure detection pin
19	P83/~INT1		I	L	Not used.
20	P82/~INT0	~XMREQERR	I	L	RDS clock input pin. (European model only)
21	P81/TA4IN/~U	XMCOMSEL	O	H	Not used.
22	P80/TA4OUT/U	~XMDACRST	O	L	Not used.
23	P77/TA3IN	SELCLK	O	H	Input Selector clock output pin
24	P76/TA3OUT	SELDAT	O	H	Input Selector data output pin
25	P75/TA2IN/~W	SELSTB	O	H	Input Selector strobe output pin
26	P74/TA2OUT/W	SIRIUSRST	O	L	Reset control output pin for Sirius
27	P73/~CTS2/~RTS2/TA1IN/~V	TUXMSELA	O	H	Not used.
28	P72/CLK2/TA1OUT/V	TUXMSELB	O	H	Not used.
29	P71/RXD2/SCL2/TA0IN/TB5IN	SIRIUSRX	I	H	Not used.
30	P70/TXD2/SDA2/TA0OUT	SIRIUSTX	O	H	Not used.
31	P67/TXD1/SDA1	FTXD	O	H	Port for flash writer.
32	P66/RXD1/SCL1	FRXD	I	H	Port for flash writer.
33	P65/CLK1	FCLK	O	CLK	Port for flash writer.
34	P64/~CTS1/~RTS1/~CTS0/CLK	FBUSY	O	H	Port for flash writer.
35	P63/TXD0/SDA0	XMSRTXD	O	H	Not used.
36	P62/RXD0/SCL0	XMSRRXD	I	H	Not used.
37	P61/CLK0	~XMRST	O	L	Not used.
38	P60/~CTS0/~RTS0		I	L	Not used.
39	P57/~RDY/CLKOUT		I	L	Not used.
40	P56/ALE		I	L	Not used.
41	P55/~HOLD	~FEPM	I	H	Port for flash writer.
42	P54/~HLDA		I	L	Not used.
43	P53/BCLK	PLLSCL	O	CLK	Clock output pin for tuner pack,
44	P52/~RD	PLLSDA	I/O	H	Data output pin for tuner pack.
45	P51/~WRH/~BHE		I	L	Not used.
46	P50/~WRL/~WR	~FCE	I	H	Port for flash writer.
47	P47/~CS3	AMUT	O	H	Audio muting control output pin.
48	P46/~CS2	Z2MUT	O	H	Not used.
49	P45/~CS1		I	L	Not used.
50	P44/~CS0	SPRLA	O	H	Speaker relay A control output pin.
51	P43/A19	SPRLB	O	H	Speaker relay B control output pin.
52	P42/A18	DIRECT	O	H	Not used.
53	P41/A17	VOLOUT1	O	H	Volume motor driver control output pin 1
54	P40/A16	VOLOUT2	O	H	Volume motor driver control output pin 2
55	P37/A15		I	L	Not used.
56	P36/A14		I	L	Not used.
57	P35/A13	APOWER	O	H	Power supply control output pin.
58	P34/A12	~POFF2	I	L	Not used.
59	P33/A11		I	L	Not used.
60	P32/A10		I	L	Not used.

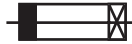
MICROPROCESSOR-TERMINAL DESCRIPTION 2

No.	Terminal	Signal Name	I/O	Act.	Description
61	P31/A09		I	L	Not used.
62	VCC2	Vcc2			Power supply pin.
63	P30/A8(/-/D7)	SEC1H	O	H	Not used.
64	VSS	Vss			Ground pin.
65	P27/AN27/A7(/D7/D6)	PROTECT	I	H	Abnormal voltage and current detection input pin
66	P26/AN26/A6(/D6/D5)	VOLH	I	A/D	Output signal level detection pin
67	P25/AN25/A5(/D5/D4)	THERMAL	I	A/D	Thermal detection input pin.
68	P24/AN24/A4(/D4/D3)	INIT3	I	A/D	Initializing input pin 3
69	P23/AN23/A3(/D3/D2)	INIT2	I	A/D	Initializing input pin 2
70	P22/AN22/A2(/D2/D1)	INIT1	I	A/D	Initializing input pin 1
71	P21/AN21/A1(/D1/D0)	BAND	I	A/D	Band setting input pin
72	P20/AN20/A0(/D0/-)	~SYSOUT	O	L	System code output pin
73	P17/D15/~INT5	SYSIN	I	H	System code input pin
74	P16/D14/~INT4	~IRIN	I	L	IR signal input pin
75	P15/D13/~INT3	~REMIN	I	L	Signal input pin from remote controller.
76	P14/D12	~STEREO	I	L	FM stereo detection input pin
77	P13/D11	~SD	I	L	Broadcast detection input pin
78	P12/D10		I	L	Not used.
79	P11/D9		I	L	Not used.
80	P10/D8		I	L	Not used.
81	P07/AN07/D7		O	L	Not used.
82	P06/AN06/D6	LEDZONE2	O	H	Not used.
83	P05/AN05/D5	LEDPURE	O	H	Not used.
84	P04/AN04/D4	~LEDSTBY	O	L	STANDBY indicator control output pin
85	P03/AN03/D3	FLDSDO	O	H	FL tube driver data output pin
86	P02/AN02/D2	FLDCLK	O	CLK	FL tube driver clock output pin
87	P01/AN01/D1	~FLDCS	O	L	FL tube driver chip select output pin
88	P00/AN00/D0	~FLDRST	O	L	Reset signal output pin for FL tube driver
89	P107/AN7/~KI3	~KEYINT3	I	L	Operation key interrupter input pin 3
90	P106/AN6/~KI2	~KEYINT2	I	L	Operation key interrupter input pin 2
91	P105/AN5/~KI1	~KEYINT1	I	L	Operation key interrupter input pin 1
92	P104/AN4/~KI0	~KEYINT0	I	L	Operation key interrupter input pin 0
93	P103/AN3	KEY3	I	L	Operation key input pin 3
94	P102/AN2	KEY2	I	A/D	Operation key input pin 2
95	P101/AN1	KEY1	I	A/D	Operation key input pin 1
96	AVSS	AVss			Ground pin.
97	P100/AN0	KEY0	I	A/D	Operation key input pin 0
98	Vref	Vref			Reference voltage pin
99	AVcc	AVcc			Power supply pin.
100	P97/~ADTRG/SIN4		I	L	Not used.

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	PART NO.	REMARKS
F901	FUSE	5A-UL/T-233	252326GR	!, <MDC>
F901 or	FUSE	5A-T/UL-ST2	252258GR	!, <MDC>
F902	FUSE	2.5A-SE-EAK FUSE	252075GR	!, <MPP>
F902 or	FUSE	2.5A-SE-TL250V	252275GR	!, <MPP>
F903	FUSE	5A-UL/T-233	252326GR	!, <MDC>
F903 or	FUSE	5A-T/UL-ST2	252258GR	!, <MDC>
F903	FUSE	2.5A-SE-EAK FUSE	252075GR	!, <MPP>
F903 or	FUSE	2.5A-SE-TL250V	252275GR	!, <MPP>

<Notes>

<MDC> : Canadian model

<MPP> : European model

2. Safety check out

(U.S.A. model only)

After correcting the original service problem, perform the following safety check before releasing the unit to the customer.

Leakage current Check

Measure the leakage current to a known earth ground (water pipe or conduct etc.) by connecting a leakage current tester between the earth ground and exposed metal parts of the unit (input/output ground terminals, screw heads or metal overlays etc.). Plug the power supply cord directly into a 120Vac 60Hz wall socket and turn ON/STANDBY button on.

Any current measured must not exceed 0.5mA.

3. Memory Backup

The receiver uses a battery-less memory backup system in order to retain radio presets and other settings when it's unplugged or in the case of a power failure. Although no batteries are required, the receiver must be plugged into an AC outlet in order to charge the backup system. Once it has been charged, the receiver will retain the settings for several weeks, although this depends on the environment and will be shorter in humid climates.

4. To initialize the unit

1. Press and hold down **LINE 2** button, then press **ON/STANDBY** button when the unit is powered on.
2. After " **Clear** " is displayed, the preset memory and each mode stored in the memory, are initialized and will return to the factory settings.

5. To check version of Main microprocessor

1. Press and hold down **DISPLAY** button, then press **ON/STANDBY** button when the unit is power on.
The main microprocessor version will be displayed on Front Display for about 3 seconds.

<Ex.>  — Version of Main microprocessor FW (Q601)

2. Press ON/STANDBY button to power off.

6. Setting position before shipment

- (1) MASTER VOLUME : MIN.
- (2) BASS : CENTER
- (3) TREBLE : CENTER
- (4) BALANCE : CENTER

OPERATION CHECK-1

SPEAKER PROTECT-1 (DC VOLTAGE DETECTION / THERMAL SENSOR)

DC VOLTAGE DETECTION

[When]

1. Exchange power transistors (Q521 - Q524).
2. Exchange amplifier PC board ass'y (NAAF-8886).

<Note>

1. Try again if protect did not work at the first time.
2. Do not connect load or short speaker terminals.

[Procedure]

1. Press and hold down **CD** button, then press **ON/STANDBY** button while the unit is powered on.
" *Test - _* " is displayed only for 5 seconds.

Test - _ Blinks

2. Press **LINE 1/DVD** button while the characters of " *Test - _* " are displayed.
The unit will be in the state of " *Test - 1-00* ".

Test - 1-00

3. Set the master volume to maximum
4. Input +1.5 to +3 V DC voltage to CD IN Lch terminal.
And check speaker relays RL591 and RL592 is immediately **Turned off** and power indicator blinks.
5. Check Rch according to the same procedure.
6. Press **ON/STANDBY** button.

Clear → Standby

7. Disconnect the AC power cord.

THERMAL SENSOR

[When]

Exchange thermal sensor PC board ass'y (NAETC-8878).

[Procedure]

1. Press and hold down **DISPLAY** button, then press **STANDBY/ON** button when the unit is powered on.
The microprocessor version will be displayed for 3 seconds.

<Ex.> *Ver. 1.02/06Y28A*

2. Press **SPEAKERS B** button while the version is displayed.

<Ex.> *T: 29 C / 84 F*
84 degree fahrenheit
29 degree celsius

3. Check that the displayed temperature is within $\pm 10^{\circ}\text{C}$ from the ambient temperature.
Note : The error margin is caused by the rise of the temperature of the heat sink when time passes.

4. Press **ON/STANDBY** button.

Clear → Standby

OPERATION CHECK-2

SPEAKER PROTECT-2 (CURRENT DETECTION)

[When]

1. Exchange power transistors (Q521 - Q524).
2. Exchange amplifier PC board ass'y (NAAF-8886).

<Note>

1. Do not check two channels at the same time.
2. Do not connect a dummy load to speaker terminal longer than 2 seconds.

[Procedure]

1. Press and hold down **CD** button, then press **ON/STANDBY** button while the unit is powered on.
" *Test - _* " is displayed only for 5 seconds.



2. Press **LINE 1/DVD** button, while " *Test - _* " is displayed.
The unit will be in the state of " *Test - 1-00* ".

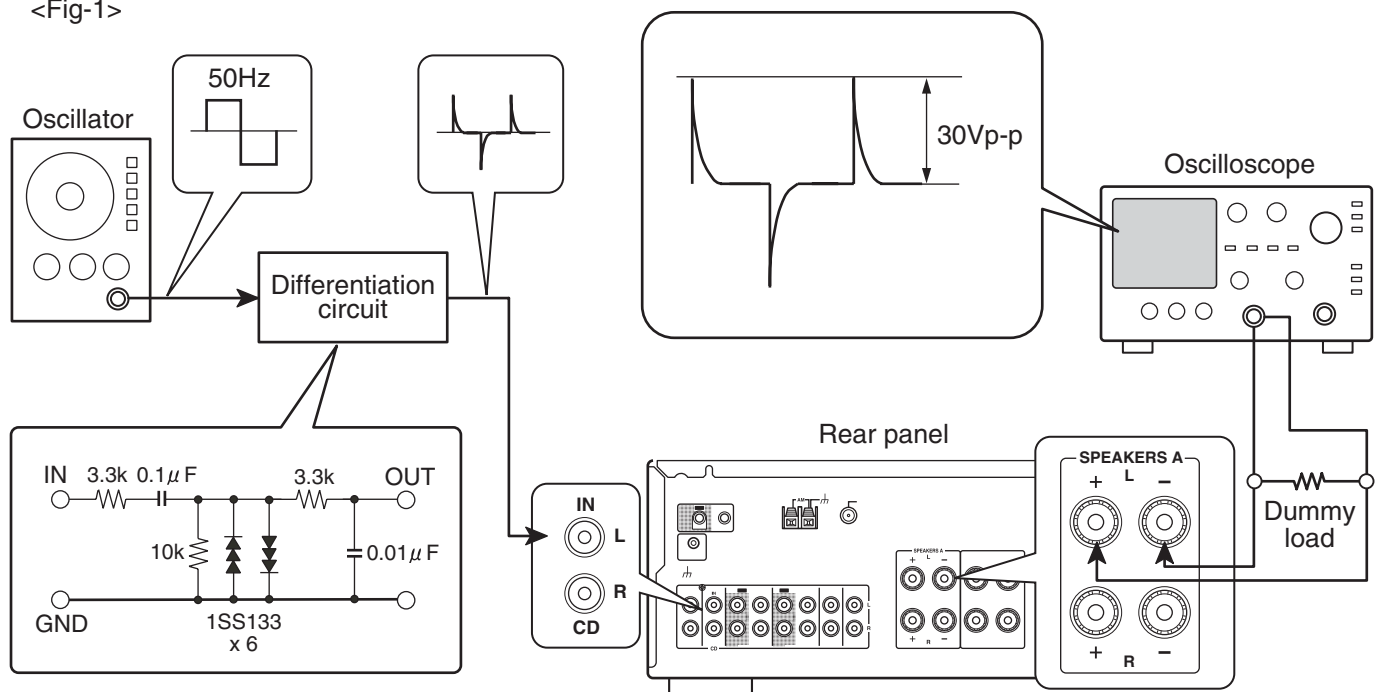


3. Set the master volume to minimum.
4. Connect the oscilloscope to SPEAKERS A Lch terminal. Refer to <Fig-1>
5. A square wave of 50 Hz is output from the oscillator, and this signal is input to the CD via the differentiation circuit.
6. Adjust for the output wave form of the SPEAKERS A Lch terminal to become **30 Vp-p** by master volume.
7. Connect the **2 ohms** dummy load to the SPEAKERS A Lch terminal.
And check the speaker relays RL591 and RL592 are **Not turned off**.
8. Connect the **0.5 ohms** dummy load to the SPEAKERS A Lch terminal.
And check speaker relays RL591 and RL592 are **Turned off** immediately and power indicator blinks.
Do not connect the load for 2 seconds or more when it doesn't turn off the relays.
9. Check Rch according to the same procedure.
10. Press **ON/STANDBY** button.



11. Disconnect the AC power cord and oscilloscope.

<Fig-1>



ADJUSTMENT PROCEDURE

IDLING CURRENT ADJUSTMENT

[When]

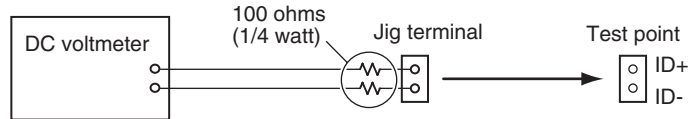
1. Exchange Power transistor (Q521 - Q524).
2. Exchange Amplifier PC board (NAAF-8886).

[Procedure]

<Note> No load and No signal

Refer to <Fig-1> for the adjustment points and the test points.

1. Before idling adjustment, turn the trimming resistors fully to counter clockwise.
2. Connect the dc voltmeter to test points, using two 100 ohm resistors between the poles of the jig terminal and the DC voltmeter terminals.



3. Connect the AC power cord to a wall outlet.
4. Press ON/STANDBY button to turn the power on.
5. Adjust the trimming resistors as the following procedure immediately after power on.

Channel	Adjustment points	Test points	Adjustment value
Left	R587	P511	2.5 mV
Right	R588	P512	

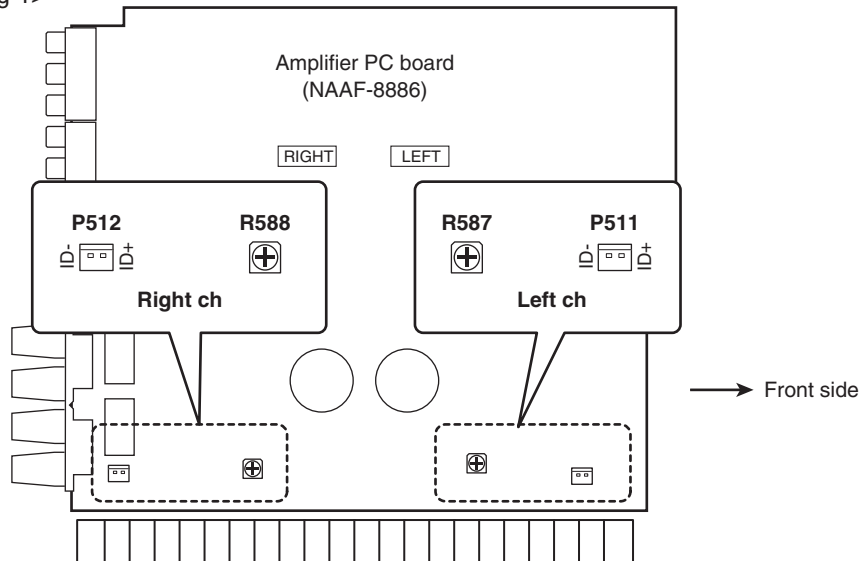
6. Wait for 4 - 6 minutes. (Heat running)
7. Re-adjust the trimming resistors as the following procedure.

Channel	Measured value	Adjustment value	Spec. (* In a stable state)
Left and Right	In case below 4.4 mV	→ 4.5 mV	6 +/- 2 mV
	In case 4.5 - 5.5 mV	→ Leave it as it is	
	In case over 5.6 mV	→ 5.5 mV	

* Idling currents are stabilized in about 10 minutes after power on.

8. Disconnect the DC voltmeter.
9. Press ON/STANDBY button to turn the power off.
10. Disconnect the AC power cord.

<Fig-1>



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<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>

(B) : Black model

(S) : Silver model

<MDC> : Canadian model

<MPP> : European model

EXPLODED VIEW PARTS LIST

	REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
EXPLODED	A001	CHASSIS	---	1	---	NSP
EXPLODED	A003	HOLDER	KGLS-16RT	1	27190511	
EXPLODED	A005	HOLDER	KGPS-16RF	1	27190991	
EXPLODED	A007	HOLDER	KGLS-12RT	1	27190266	
EXPLODED	A009	LEG	---	4	27175419	
EXPLODED	A010	CUSHION	(LEG)	4	28141660	
EXPLODED	A011	SCREW	3TTB+8B(3BC)	4	838430088GR	
EXPLODED	A013	F BRACKET	AS (B)	1	27111516A	(B)
EXPLODED	A013	F BRACKET	AS (S)	1	27111517A	(S)
EXPLODED	A015	SCREW	3TTB+8B(3CM)SR	11	801637	
EXPLODED	A017	SCREW	3TTB+8B(3CM)SR	5	801637	
EXPLODED	A019	SCREW	4TTC+8C(3BC)	4	830440089GR	
EXPLODED	A021	HEAT SINK	233	1	27160594	
EXPLODED	A023	RETAINER	(HS-2)	3	27141530A	
EXPLODED	A025	SCREW	3TTB+8B(3CM)SR	6	801637	
EXPLODED	A027	RETAINER	RETAINER	1	27141671	

EXPLODED	A029	SCREW	3TTB+8B(3CM)SR	3	801637	
EXPLODED	A031	SCREW	3SMS8W.SW+14B(CU)	5	801634	
EXPLODED	A033	SCREW	3TTB+8B(3CM)SR	1	801637	
EXPLODED	A035	SCREW	3TTB+8B(3CM)SR	8	801637	
EXPLODED	A037	CUSHION	T4L20D10	2	28141566	
EXPLODED	A039	KNOB	VOL(B)8255	1	28326646	(B)
EXPLODED	A039	KNOB	VOL(S)8255	1	28326647	(S)
EXPLODED	A041	SCREW	3TTB+8B(3CM)SR	2	801637	
EXPLODED	A043	KNOB	(TONE)	3	28325454	(B)
EXPLODED	A043	KNOB	(TONE)	3	28326350	(S)
EXPLODED	A045	B PLATE	---	1	28133425	(B)
EXPLODED	A045	B PLATE	---	1	28133426	(S)
EXPLODED	A201	COVER	(Bent)	1	28184964A	(B)
EXPLODED	A201	COVER	(Bent)	1	28184965	(S)
EXPLODED	A201	COVER	(Not bent)	1	28184964AZ	(B) <MDC>
EXPLODED	A202	REAR PANEL	82DC	1	27123872	<MDC>
EXPLODED	A202	REAR PANEL	82PP	1	27123873	<MPP>
EXPLODED	A203	SCREW	3TTB+8B(3BC)	6	838430088GR	(B)
EXPLODED	A203	SCREW	3TTB+8B(3CM)SR	6	801637	(S)
EXPLODED	A204	IB CUSHION	W15 x 3t TAPE	1	28141585	
EXPLODED	A205	SCREW	3TTB+8B(3BC)	20	838430088GR	
EXPLODED	A207	WASHER	W3 x 10F(3BC)	1	87643010GR	
EXPLODED	A208	SCREW	3TTB+8B(3CM)SR	1	801637	
EXPLODED	A209	TAPE	TAPE(CLOTH-8U)	1	29110082	
EXPLODED	A210	BUSHING	S-RELIEF #2271	1	27300750	!
EXPLODED	A211	LABEL	(COVER)	1	29364123	
EXPLODED	A212	F PANEL	(82BDC)	1	27213133	(B) <MDC>
EXPLODED	A212	F PANEL	(82BPP)	1	27213134	(B) <MPP>
EXPLODED	A212	F PANEL	(82SPP)	1	27213135	(S) <MPP>
EXPLODED	A213	SCREW	3TTB+8B(3BC)	3	838430088GR	
EXPLODED	A214	BADGE	---	1	28135244	(B)
EXPLODED	A214	BADGE	---	1	28135298	(S)
EXPLODED	A215	CLEAR PLT	8255	1	28192208	<MDC>

EXPLODED:	A215	CLEAR PLT	82PP	1	28192216	<MPP>
EXPLODED:	A216	LABEL	(MONITOR)	1	29364836	
EXPLODED:	A217	SPACER	---	2	27270516	
EXPLODED:	A219	LABEL	HOOKUP-ONKYO	1	29363194	<MDC>
EXPLODED:	A301	CLIP	CS-1U	2	27255004	
EXPLODED:	Q521	TR	2SC5197-O	1	2203043	!
EXPLODED:	Q521A	ISO SHEET	AC238	4	223024	
EXPLODED:	Q522	TR	2SC5197-O	1	2203043	!
EXPLODED:	Q523	TR	2SA1940-O	1	2203033	!
EXPLODED:	Q524	TR	2SA1940-O	1	2203033	!
EXPLODED:	<Note>					
EXPLODED:	Must use the same HFE rank mutually about the following parts.					
EXPLODED:	Ref. No. : Q521 - 524					
EXPLODED:	D911	DIODE	D10XB60H	1	22380337	!,
EXPLODED:	T901	P TRANS	NPT-1544D	1	2301870	!, <MDC>
EXPLODED:	T901	P TRANS	NPT-1544P	1	2301871	!, <MPP>
EXPLODED:	P501A	P RIVET	JB-407A-C	8	880052	<MPP>
EXPLODED:	P704	FFC	NCFC7-131012	1	2047131012	
EXPLODED:	P715	FFC	NCFC7-242012	1	2047242012	
EXPLODED:	P901	AC CORD	AS-UC-2	1	253368BLTK	!, <MDC>
EXPLODED:	P901 or	AC CORD	AS-UC-2	(1)	253333VOL	!, <MDC>
EXPLODED:	P901 or	AC CORD	AS-UC-2	(1)	253368AYUN	!, <MDC>
EXPLODED:	P901 or	AC CORD	AS-UC-2	(1)	253368HSN	!, <MDC>
EXPLODED:	P901	AC CORD	AS-CEE-2	1	253306VOL	!, <MPP>
EXPLODED:	P901 or	AC CORD	AS-CEE-2	(1)	253374YUN	!, <MPP>
EXPLODED:	E801	WIRE TIE	BSK-1	7	260208	
EXPLODED:	F901	FUSE	5A-UL/T-233	1	252326GR	!, <MDC>
EXPLODED:	F901 or	FUSE	5A-T/UL-ST2	(1)	252258GR	!, <MDC>
EXPLODED:	F902	FUSE	2.5A-SE-EAK FUSE	1	252075GR	!, <MPP>
EXPLODED:	F902 or	FUSE	2.5A-SE-TL250V	(1)	252275GR	!, <MPP>
EXPLODED:	F903	FUSE	5A-UL/T-233	1	252326GR	!, <MDC>
EXPLODED:	F903 or	FUSE	5A-T/UL-ST2	(1)	252258GR	!, <MDC>
EXPLODED:	F903	FUSE	2.5A-SE-EAK FUSE	1	252075GR	!, <MPP>

EXPLODED:	F903 or	FUSE	2.5A-SE-TL250V	(1)	252275GR	!, <MPP>
EXPLODED:	U01	MICROPROCESSOR PC board ass'y	NADG-8876-1M	1	1B144576-1M	<MDC>
EXPLODED:	U01	MICROPROCESSOR PC board ass'y	NADG-8876-1N	1	1B144576-1N	<MPP>
EXPLODED:	U02	DISPLAY PC board ass'y	NCDIS-8877-1M	1	1B144577-1M	<MDC>
EXPLODED:	U02	DISPLAY PC board ass'y	NCDIS-8877-1N	1	1B144577-1N	<MPP>
EXPLODED:	U03	THERMAL SENSOR PC board ass'y	NCETC-8878-1M	1	1B144578-1M	NSP <MDC>
EXPLODED:	U03	THERMAL SENSOR PC board ass'y	NCETC-8878-1N	1	1B144578-1N	NSP <MPP>
EXPLODED:	U04	HOLDER PC board	NCETC-8879-1M	1	---	NSP <MDC>
EXPLODED:	U04	HOLDER PC board	NCETC-8879-1N	1	---	NSP <MPP>
EXPLODED:	U05	POWER SUPPLY PC board ass'y	NCPS-8880-1M	1	1B144580-1M	<MDC>
EXPLODED:	U05	POWER SUPPLY PC board ass'y	NCPS-8880-1N	1	1B144580-1N	<MPP>
EXPLODED:	U06	TRANS. SEC. TERMINAL PC board ass'y	NCETC-8881-1M	1	---	NSP <MDC>
EXPLODED:	U06	TRANS. SEC. TERMINAL PC board ass'y	NCETC-8881-1N	1	---	NSP <MPP>
EXPLODED:	U07	HEADPHONE JACK PC board ass'y	NCETC-8882-1M	1	---	NSP <MDC>
EXPLODED:	U07	HEADPHONE JACK PC board ass'y	NCETC-8882-1N	1	---	NSP <MPP>
EXPLODED:	U08	AMPLIFIER PC board ass'y	NAAF-8886-2M	1	1B144586-2M	<MDC>
EXPLODED:	U08	AMPLIFIER PC board ass'y	NAAF-8886-2N	1	1B144586-2N	<MPP>
EXPLODED:	U09	TRANS. SEC. TERMINAL PC board ass'y	NAPS-8887-2M	1	1B144587-2M	<MDC>
EXPLODED:	U09	TRANS. SEC. TERMINAL PC board ass'y	NAPS-8887-2N	1	1B144587-2N	<MPP>
EXPLODED:	U10	VOLUME PC board ass'y	NAAF-8888-2M	1	1B144588-2M	<MDC>
EXPLODED:	U10	VOLUME PC board ass'y	NAAF-8888-2N	1	1B144588-2N	<MPP>
EXPLODED:	U12	TERMINAL PC board ass'y	NAETC-8891-1M	1	---	NSP <MDC>
EXPLODED:	U12	TERMINAL PC board ass'y	NAETC-8891-1N	1	---	NSP <MPP>
EXPLODED:	U13	TUNER UNIT	FAE385-A11US	1	240152	<MDC>
EXPLODED:	U13 or	TUNER UNIT	ENG06507QFUS	(1)	240156	<MDC>
EXPLODED:	U13	TUNER UNIT	FAE485-E11EU	1	240154	<MPP>

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PC BOARD PARTS LIST

PCB1	U01	MICROPROCESSOR PC BOARD (NADG-8876-1M / 1N)
PCB1	U02	DISPLAY PC BOARD (NADIS-8877-1M / 1N)
PCB1	U03	THERMAL SENSOR PC BOARD (NAETC-8878-1M / 1N)

PCB1	U05	POWER SUPPLY PC BOARD (NAPS-8880-1M / 1N)				
PCB1	U06	TRANS. TERMINAL PC BOARD (NAETC-8881-1M / 1N)				
PCB1	U07	HEADPHONE JACK PC BOARD (NAETC-8882-1M / 1N)				
PCB1						
PCB1						
PCB1	CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
PCB1	U851	REMO SENS	NJL34H380A	1	241365	
PCB1	Q601	IC (MAIN MICROPROCESSOR)	M30622MWP-379FP	1	22242449R3	
PCB1	Q602	TR	RN1404	1	2214490R2	
PCB1	Q603	TR	RN2402	1	2214530R2	
PCB1	Q701	IC	S-812C56AUA-C3K	1	22242207R2	
PCB1	Q703	TR	RN1404	1	2214490R2	
PCB1	Q705	TR	RN2402	1	2214530R2	
PCB1	Q706	IC	78M56(NJM78M56FA)	1	222780565JRC	
PCB1	Q851	IC	M66005-0001AHP	1	22242208R3	
PCB1	Q852	FL TUBE	16-BT-128GNYK	1	212258A	
PCB1	Q852A	HOLDER	(FL)	1	27191222C	
PCB1	Q853	TR	2SC2712-GR	1	2213145R2	
PCB1	Q855	IC	LM61CIZ	1	22242212	
PCB1	Q855A	RETAINER	(PTH)	1	27141884-1	
PCB1	Q912	TR	KTC3199-GR	1	2215864T	
PCB1	D601	C-DIODE	1SS352	1	223234R2	
PCB1	D601 or	C-DIODE	1SS355	(1)	223269R2	
PCB1	D602	C-DIODE	1SS352	1	223234R2	
PCB1	D602 or	C-DIODE	1SS355	(1)	223269R2	
PCB1	D603	C-DIODE	1SS352	1	223234R2	
PCB1	D603 or	C-DIODE	1SS355	(1)	223269R2	
PCB1	D604	ZENER D	UDZS5.1B	1	224550510R2	
PCB1	D701	C-DIODE	1SS352	1	223234R2	
PCB1	D701 or	C-DIODE	1SS355	(1)	223269R2	
PCB1	D702	C-DIODE	1SS352	1	223234R2	
PCB1	D702 or	C-DIODE	1SS355	(1)	223269R2	
PCB1	D703	C-DIODE	1SS352	1	223234R2	
PCB1	D703 or	C-DIODE	1SS355	(1)	223269R2	

PCB1	D704	C-DIODE	1SS352	1	223234R2
PCB1	D704 or	C-DIODE	1SS355	(1)	223269R2
PCB1	D705	C-DIODE	1SS352	1	223234R2
PCB1	D705 or	C-DIODE	1SS355	(1)	223269R2
PCB1	D706	C-DIODE	1SS352	1	223234R2
PCB1	D706 or	C-DIODE	1SS355	(1)	223269R2
PCB1	D707	C-DIODE	1SS352	1	223234R2
PCB1	D707 or	C-DIODE	1SS355	(1)	223269R2
PCB1	D708	C-DIODE	1SS352	1	223234R2
PCB1	D708 or	C-DIODE	1SS355	(1)	223269R2
PCB1	D713	C-DIODE	1SS355	1	223269R2
PCB1	D851	ZENER D	UDZS8.2B	1	224550820R2
PCB1	D853	LED	SLI-343URC-TE7	1	225449T
PCB1	D854	SPCF D	SIR-34ST3F	1	225456
PCB1	D901	C-DIODE	1SS355	1	223269R2
PCB1	D901 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D902	C-DIODE	1SS355	1	223269R2
PCB1	D902 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D903	C-DIODE	1SS355	1	223269R2
PCB1	D903 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D904	C-DIODE	1SS355	1	223269R2
PCB1	D904 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D905	C-DIODE	1SS355	1	223269R2
PCB1	D905 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D906	C-DIODE	1SS355	1	223269R2
PCB1	D906 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D908	C-DIODE	1SS355	1	223269R2
PCB1	D908 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D909	C-DIODE	1SS355	1	223269R2
PCB1	D909 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D912	C-DIODE	1SS355	1	223269R2
PCB1	D912 or	C-DIODE	1SS352	(1)	223234R2
PCB1	D913	C-DIODE	1SS355	1	223269R2

PCB1	D913 or	C-DIODE	1SS352	(1)	223234R2	
PCB1	D914	ZENER D	UDZS5.1B	1	224550510R2	
PCB1	D991	C-DIODE	1SS355	1	223269R2	
PCB1	D991 or	C-DIODE	1SS352	(1)	223234R2	
PCB1	D992	C-DIODE	1SS355	1	223269R2	
PCB1	D992 or	C-DIODE	1SS352	(1)	223234R2	
PCB1	X601	CERA LOCK	CSTLS6M00G-56-A0	1	3010427T	
PCB1	X601 or	CERA LOCK	CR06000-TG-A0R	(1)	3010433T	
PCB1	T902	P TRANS	NPT-1520JQ	1	2301812A	!, <MDC>
PCB1	T902	P TRANS	NPT-1520GQ	1	2301813A	!, <MPP>
PCB1	L701	CHOKE COIL	NCH-1479	1	231237K470R2	
PCB1	L702	CHOKE COIL	NCH-1471	1	231237K022R2	
PCB1	L852	CHOKE COIL	NCH-1471	1	231237K022R2	
PCB1	L853	CHOKE COIL	NCH-1477	1	231237K220R2	
PCB1	L854	CHOKE COIL	NCH-1477	1	231237K220R2	
PCB1	L855	CHOKE COIL	NCH-1477	1	231237K220R2	
PCB1	L857	CHOKE COIL	NCH-1479	1	231237K470R2	
PCB1	C601	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C602	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C603	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C604	C-CERA C	CC725CH1H-101J1	1	342101014R1	
PCB1	C605	C-CERA C	CC725CH1H-101J1	1	342101014R1	
PCB1	C606	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C607	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C609	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C610	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C611	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C612	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C613	C-CERA C	CK725B1H-102K1	1	332101025R1	
PCB1	C614	C-CERA C	CK725B1H-102K1	1	332101025R1	
PCB1	C615	C-CERA C	CK725B1H-102K1	1	332101025R1	
PCB1	C616	C-CERA C	CK725B1H-102K1	1	332101025R1	
PCB1	C617	C-CERA C	CK725B1H-102K1	1	332101025R1	

PCB1	C618	C-CERA C	CK725B1H-102K1	1	332101025R1
PCB1	C619	C-CERA C	CK725B1H-102K1	1	332101025R1
PCB1	C620	C-CERA C	CK725B1H-102K1	1	332101025R1
PCB1	C621	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C622	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C623	VR C	CE04W50V-4.7M(VR)	1	394680477T
PCB1	C701	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C702	VR C	CE04W16V-100M(VR)	1	394641017T
PCB1	C703	VR C	CE04W16V-100M(VR)	1	394641017T
PCB1	C704	EDL C	DX-5R5L224	1	3000079T
PCB1	C706	VR C	CE04W50V-10M(VR)	1	394681007T
PCB1	C708	C-CERA C	CK725B1A-474K1	1	332134745R1
PCB1	C709	VR C	CE04W16V-100M(VR)	1	394641017T
PCB1	C710	VR C	CE04W10V-470M(VR)	1	394634717T
PCB1	C711	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C712	VR C	CE04W16V-100M(VR)	1	394641017T
PCB1	C716	C-CERA C	CC725CH1H-101J1	1	342101014R1
PCB1	C717	VR C	CE04W50V-3.3M(VR)	1	394680337T
PCB1	C718	VR C	CE04W16V-100M(VR)	1	394641017T
PCB1	C719	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C728	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C729	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C853	C-CERA C	CK725F1H-223Z1	1	332152230R1
PCB1	C854	C-CERA C	CK725F1H-223Z1	1	332152230R1
PCB1	C856	C-CERA C	CK725F1H-104Z1	1	332151040R1
PCB1	C857	ELECT C	CE04W16V-100M	1	355741019T
PCB1	C858	C-CERA C	CC725CH1H-101J1	1	342101014R1
PCB1	C860	C-CERA C	CC725CH1H-101J1	1	342101014R1
PCB1	C861	C-CERA C	CC725CH1H-101J1	1	342101014R1
PCB1	C862	C-CERA C	CC725CH1H-101J1	1	342101014R1
PCB1	C863	C-CERA C	CC725CH1H-101J1	1	342101014R1
PCB1	C864	C-CERA C	CK725F1H-223Z1	1	332152230R1
PCB1	C865	ELECT C	CE04W50V-33M	1	355783309T

PCB1	C866	ELECT C	CE04W16V-100M	1	355741019T	
PCB1	C867	C-CERA C	CK725F1H-223Z1	1	332152230R1	
PCB1	C868	C-CERA C	CK725F1H-223Z1	1	332152230R1	
PCB1	C869	C-CERA C	CK725F1H-223Z1	1	332152230R1	
PCB1	C870	C-CERA C	CK725F1H-223Z1	1	332152230R1	
PCB1	C871	C-CERA C	CC725CH1H-102J1	1	342101024R1	
PCB1	C873	VR C	CE04W16V-100M(VR)	1	394641017T	
PCB1	C874	TF C	ECQ-B50V-102J	1	374721024T	
PCB1	C875	TF C	ECQ-B50V-102J	1	374721024T	
PCB1	C876	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C902	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	C903	VR C	CE04W35V-2200M(VR)	1	394662227S	
PCB1	C904	VR C	CE04W35V-100M(VR)	1	394661017T	
PCB1	C906	VR C	CE04W50V-4.7M(VR)	1	394680477T	
PCB1	C912	IS C	RE275V-103M	1	3500196S	!
PCB1	C991	C-CERA C	CK725F1H-104Z1	1	332151040R1	
PCB1	R601	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R602	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R608	C-CARBON R	RN72K1J-221JE	1	435032214R1	<MPP>
PCB1	R609	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R610	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R612	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R613	C-CARBON R	RN72K1J-105JE	1	435031054R1	
PCB1	R614	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R615	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R616	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R618	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R619	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R620	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R621	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R622	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R624	C-CARBON R	RN72K1J-221JE	1	435032214R1	
PCB1	R625	C-CARBON R	RN72K1J-221JE	1	435032214R1	

PCB1	R626	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R629	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R630	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R631	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R633	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R634	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R635	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R636	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R637	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R638	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R639	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R640	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R641	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R642	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R643	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R644	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R645	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R646	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R647	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R648	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R649	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R650	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R651	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R652	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R653	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R654	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R655	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R656	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R657	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R658	C-CARBON R	RN72K1J-102JE	1	435031024R1
PCB1	R660	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R661	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R662	C-CARBON R	RN72K1J-000JE	1	435030004R1

PCB1	R663	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R664	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R665	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R666	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R667	C-CARBON R	RN72K1J-473JE	1	435034734R1
PCB1	R669	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R670	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R671	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R672	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R673	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R674	C-CARBON R	RN72K1J-103JE	1	435031034R1
PCB1	R675	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R676	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R677	C-CARBON R	RN72K1J-000JE	1	435030004R1
PCB1	R678	C-CARBON R	RN72K1J-224JE	1	435032244R1
PCB1	R679	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R680	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R681	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R682	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R683	C-CARBON R	RN72K1J-470JE	1	435034704R1
PCB1	R684	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R685	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R686	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R687	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R688	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R689	C-CARBON R	RN72K1J-272JE	1	435032724R1
PCB1	R690	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R691	C-CARBON R	RN72K1J-272JE	1	435032724R1
PCB1	R692	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R693	C-CARBON R	RN72K1J-272JE	1	435032724R1
PCB1	R694	C-CARBON R	RN72K1J-472JE	1	435034724R1
PCB1	R695	C-CARBON R	RN72K1J-272JE	1	435032724R1
PCB1	R696	C-CARBON R	RN72K1J-473JE	1	435034734R1

PCB1	R697	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R699	C-CARBON R	RN72K1J-221JE	1	435032214R1	<MPP>
PCB1	R700	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R701	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB1	R704	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R705	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R709	C-CARBON R	RN72K1J-101JE	1	435031014R1	
PCB1	R710	METAL O R	RS1/2WBJ-10	1	443521004T	
PCB1	R714	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R715	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R717	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R719	C-CARBON R	RN72K1J-333JE	1	435033334R1	<MDC>
PCB1	R719	C-CARBON R	RN72K1J-563JE	1	435035634R1	<MPP>
PCB1	R720	C-CARBON R	RN72K1J-472JE	1	435034724R1	<MDC>
PCB1	R720	C-CARBON R	RN72K1J-333JE	1	435033334R1	<MPP>
PCB1	R721	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R722	C-CARBON R	RN72K1J-473JE	1	435034734R1	
PCB1	R729	C-CARBON R	RN72K1J-105JE	1	435031054R1	
PCB1	R733	METAL O R	RS1WBJ-10	1	443621004T	
PCB1	R734	METAL O R	RS1WBJ-560	1	443625614T	<MDC>
PCB1	R734	METAL O R	RS1WBJ-270	1	443622714T	<MPP>
PCB1	R735	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R736	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R737	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R738	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R739	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R740	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R741	C-CARBON R	RN72K1J-000JE	1	435030004R1	
PCB1	R850	C-CARBON R	RN72K1J-103JE	1	435031034R1	
PCB1	R851	C-CARBON R	RN72K1J-821JE	1	435038214R1	
PCB1	R852	C-CARBON R	RN72K1J-122JE	1	435031224R1	
PCB1	R853	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R854	C-CARBON R	RN72K1J-392JE	1	435033924R1	

PCB1	R855	C-CARBON R	RN72K1J-331JE	1	435033314R1
PCB1	R856	C-CARBON R	RN72K1J-471JE	1	435034714R1
PCB1	R857	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R858	C-CARBON R	RN72K1J-821JE	1	435038214R1
PCB1	R859	C-CARBON R	RN72K1J-122JE	1	435031224R1
PCB1	R860	C-CARBON R	RN72K1J-222JE	1	435032224R1
PCB1	R861	C-CARBON R	RN72K1J-392JE	1	435033924R1
PCB1	R862	C-CARBON R	RN72K1J-331JE	1	435033314R1
PCB1	R863	C-CARBON R	RN72K1J-471JE	1	435034714R1
PCB1	R864	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R865	C-CARBON R	RN72K1J-821JE	1	435038214R1
PCB1	R866	C-CARBON R	RN72K1J-122JE	1	435031224R1
PCB1	R867	C-CARBON R	RN72K1J-222JE	1	435032224R1
PCB1	R869	C-CARBON R	RN72K1J-331JE	1	435033314R1
PCB1	R870	C-CARBON R	RN72K1J-471JE	1	435034714R1
PCB1	R871	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R872	C-CARBON R	RN72K1J-821JE	1	435038214R1
PCB1	R873	C-CARBON R	RN72K1J-122JE	1	435031224R1
PCB1	R874	C-CARBON R	RN72K1J-222JE	1	435032224R1
PCB1	R875	C-CARBON R	RN72K1J-392JE	1	435033924R1
PCB1	R876	C-CARBON R	RN72K1J-331JE	1	435033314R1
PCB1	R877	C-CARBON R	RN72K1J-471JE	1	435034714R1
PCB1	R878	C-CARBON R	RN72K1J-561JE	1	435035614R1
PCB1	R879	C-CARBON R	RN72K1J-332JE	1	435033324R1
PCB1	R880	C-CARBON R	RN72K1J-332JE	1	435033324R1
PCB1	R881	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R882	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R883	C-CARBON R	RN72K1J-273JE	1	435032734R1
PCB1	R884	C-CARBON R	RN72K1J-223JE	1	435032234R1
PCB1	R885	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R886	C-CARBON R	RN72K1J-221JE	1	435032214R1
PCB1	R887	C-CARBON R	RN72K1J-101JE	1	435031014R1
PCB1	R888	C-CARBON R	RN72K1J-102JE	1	435031024R1

PCB1	R889	C-CARBON R	RN72K1J-123JE	1	435031234R1	
PCB1	R891	C-CARBON R	RN72K1J-222JE	1	435032224R1	
PCB1	R892	C-CARBON R	RN72K1J-392JE	1	435033924R1	
PCB1	R909	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R913	C-CARBON R	RN72K1J-102JE	1	435031024R1	
PCB1	R914	C-CARBON R	RN72K1J-104JE	1	435031044R1	
PCB1	R915	METAL O R	RS1/2WBJ-150	1	443521514T	
PCB1	RL902	RELAY	NRL-1P5A-DC9-179	1	25065669	!
PCB1	S851	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S852	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S853	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S856	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S857	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S858	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S859	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S860	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S861	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S862	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S863	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S864	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S865	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S866	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S867	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S868	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S869	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S872	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S873	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S874	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S875	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S876	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S877	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S878	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S879	PUSH SW	NPS-111-S681	1	25035718T	

PCB1	S880	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S881	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S882	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	S883	PUSH SW	NPS-111-S681	1	25035718T	
PCB1	P503	JACK	YKB26-5009	1	25045255	
PCB1	P504	CRIMP AS	CRIMP AS	1	2061712200UL	
PCB1	P701A	SOCKET	NSCT-19P2199	1	25052302	
PCB1	P702A	SOCKET	NSCT-13P2193	1	25052296	
PCB1	P704A	SOCKET	NSCT-13P2106	1	25052209	
PCB1	P706	ST JACK	HSJ1002-01-6020	1	25045647	
PCB1	P707	ST JACK	LGJ2502-0200FC	1	25045696	
PCB1	P708	TRM(SCREW)	NEJITANSI M3	1	25065425	
PCB1	P715A	SOCKET	NSCT-24P2117	1	25052220	
PCB1	P715A or	SOCKET	NSCT-24P1618	(1)	25051831	
PCB1	P715A or	SOCKET	NSCT-24P1820	(1)	25052033	
PCB1	P715B	SOCKET	NSCT-24P1655	1	25051868	
PCB1	P715B or	SOCKET	NSCT-24P1857	(1)	25052070	
PCB1	P715B or	SOCKET	NSCT-24P2154	(1)	25052257	
PCB1	P901A	PLUG	NPLG-2P631	1	25055675	!
PCB1	P910	AC OUTLET	NSCT-4P913	1	25051126	!, <MDC>
PCB1	P910	SOCKET	NSCT-4P912	1	25051125	!, <MPP>
PCB1	P911	CRIMP AS	CRIMP AS	1	2069943351UL	!
PCB1	P912	CRIMP AS	CRIMP AS	1	2069943459UL	!
PCB1	P991	RETAINER	MET37-0002	1	27142009T	
PCB1	F901A	FUSE HOL	NSCT-1P2031	1	25052133T	!, <MDC>
PCB1	F901B	FUSE HOL	NSCT-1P2031	1	25052133T	!, <MDC>
PCB1	F901C	LABEL	5A/125V	1	29360462	!, <MDC>
PCB1	F902A	FUSE HOL	NSCT-1P2031	1	25052133T	!, <MPP>
PCB1	F902B	FUSE HOL	NSCT-1P2031	1	25052133T	!, <MPP>
PCB1	F903A	FUSE HOL	NSCT-1P2031	1	25052133T	!
PCB1	F903B	FUSE HOL	NSCT-1P2031	1	25052133T	!
PCB1	F903C	LABEL	T2.5AL250V	1	29361747	<MPP>
PCB1	JL703	JUMPER LEAD	JL3 300 H	1	---	NSP

PCB1	JL703A	WIRE HOL	NSCT-3P894	1	25051107	
PCB1	JL703B	SOCKET	NSCT-3P95	1	25050267	
PCB1	JL711	JUMPER LEAD	JL3 350 H	1	---	NSP
PCB1	JL711A	WIRE HOL	NSCT-3P894	1	25051107	
PCB1	JL716	JUMPER LEAD	JL3 150 H	1	---	NSP
PCB1	JL716B	WIRE HOL	NSCT-3P894	1	25051107	
PCB1	JL911	JUMPER LEAD	JL6 500 B	1	---	NSP
PCB1	JL911A	WIRE HOL	NSCT-6P877	1	25051090	
PCB1	JL911B	WIRE TRAP	NPLG-6P589	1	25055627	
PCB2	U08	AMPLIFIER PC BOARD (NAAF-8886-2M / 2N)				
PCB2	U09	POWER SUPPLY PC BOARD (NAPS-8887-2M / 2N)				
PCB2	U10	VOLUME PC BOARD (NAAF-8888-2M / 2N)				
PCB2	U12	TERMINAL PC BOARD (NAETC-8891-2M / 2N)				
PCB2						
PCB2	CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
PCB2	Q301	IC	NJM4558D-X	1	222502	
PCB2	Q302	IC	TC9273CNG-010	1	22242335	
PCB2	Q401	IC	NJM2068L-D	1	22240250	
PCB2	Q402	IC	NJM2068L-D	1	22240250	
PCB2	Q481	IC	TA7291SG(5_J)	1	22240239	
PCB2	Q491	TR	RN1241-A(TPE4_F)	1	2213631T	
PCB2	Q491 or	TR	RN1241-B	(1)	2213632T	
PCB2	Q492	TR	RN1241-A(TPE4_F)	1	2213631T	
PCB2	Q492 or	TR	RN1241-B	(1)	2213632T	
PCB2	Q493	TR	KRA102M	1	2215770T	
PCB2	Q493 or	TR	DTA114ES	(1)	2213510T	
PCB2	Q501	TR	2SC2240-BL(TPE2_F)	1	2211406T	
PCB2	Q502	TR	2SC2240-BL(TPE2_F)	1	2211406T	
PCB2	Q503	TR	2SC2240-BL(TPE2_F)	1	2211406T	
PCB2	Q504	TR	2SC2240-BL(TPE2_F)	1	2211406T	
PCB2	Q505	TR	2SC2240-BL(TPE2_F)	1	2211406T	
PCB2	Q505 or	TR	2SC2240-GR	(1)	2211405T	

PCB2	Q506	TR	2SC2240-BL(TPE2_F)	1	2211406T	
PCB2	Q506 or	TR	2SC2240-GR	(1)	2211405T	
PCB2	Q507	TR	2SA949-Y(TPE6_F)	1	2211354T	
PCB2	Q507 or	TR	2SA949-O(TPE6_F)	(1)	2211353T	
PCB2	Q508	TR	2SA949-Y(TPE6_F)	1	2211354T	
PCB2	Q508 or	TR	2SA949-O(TPE6_F)	(1)	2211353T	
PCB2	Q509	TR	2SA949-Y(TPE6_F)	1	2211354T	
PCB2	Q509 or	TR	2SA949-O(TPE6_F)	(1)	2211353T	
PCB2	Q510	TR	2SA949-Y(TPE6_F)	1	2211354T	
PCB2	Q510 or	TR	2SA949-O(TPE6_F)	(1)	2211353T	
PCB2	Q513	TR	2SA949-Y(TPE6_F)	1	2211354T	
PCB2	Q513 or	TR	2SA949-O(TPE6_F)	(1)	2211353T	
PCB2	Q514	TR	2SA949-Y(TPE6_F)	1	2211354T	
PCB2	Q514 or	TR	2SA949-O(TPE6_F)	(1)	2211353T	
PCB2	Q515	TR	2SC2229-Y(TPE6_F)	1	2211634T	
PCB2	Q515 or	TR	2SC2229-O(TPE6_F)	(1)	2211633T	
PCB2	Q516	TR	2SC2229-Y(TPE6_F)	1	2211634T	
PCB2	Q516 or	TR	2SC2229-O(TPE6_F)	(1)	2211633T	
PCB2	Q517	TR	2SC5171(ONK_Q)	1	2203010	
PCB2	Q518	TR	2SC5171(ONK_Q)	1	2203010	
PCB2	Q519	TR	2SA1930(ONK_Q)	1	2203000	
PCB2	Q520	TR	2SA1930(ONK_Q)	1	2203000	
PCB2	Q527	TR	2SC2229-Y(TPE6_F)	1	2211634T	
PCB2	Q527 or	TR	2SC2229-O(TPE6_F)	(1)	2211633T	
PCB2	Q528	TR	2SC2229-Y(TPE6_F)	1	2211634T	
PCB2	Q528 or	TR	2SC2229-O(TPE6_F)	(1)	2211633T	
PCB2	Q529	TR	2SC2458-GR	1	2212115T	
PCB2	Q529 or	TR	2SC2458-BL	(1)	2212116T	
PCB2	Q529 or	TR	KTC3199-GR	(1)	2215864T	
PCB2	Q530	TR	2SC2458-GR	1	2212115T	
PCB2	Q530 or	TR	2SC2458-BL	(1)	2212116T	
PCB2	Q530 or	TR	KTC3199-GR	(1)	2215864T	
PCB2	Q531	TR	2SC1740S-S	1	2213285T	

PCB2	Q532	TR	2SC1740S-S	1	2213285T
PCB2	Q533	TR	2SC1740S-S	1	2213285T
PCB2	Q534	TR	2SC1740S-S	1	2213285T
PCB2	Q581	TR	2SC2240-GR	1	2211405T
PCB2	Q581 or	TR	2SC2240-BL(TPE2_F)	(1)	2211406T
PCB2	Q581 or	TR	KTC3200-GR	(1)	2215895T
PCB2	Q581 or	TR	KTC3200-BL	(1)	2215896T
PCB2	Q582	TR	2SC2240-GR	1	2211405T
PCB2	Q582 or	TR	2SC2240-BL(TPE2_F)	(1)	2211406T
PCB2	Q582 or	TR	KTC3200-GR	(1)	2215895T
PCB2	Q582 or	TR	KTC3200-BL	(1)	2215896T
PCB2	Q583	TR	2SA970-GR	1	2211395T
PCB2	Q583 or	TR	2SA970-BL(TPE2_F)	(1)	2211396T
PCB2	Q583 or	TR	KTA1268-GR	(1)	2215885T
PCB2	Q583 or	TR	KTA1268-BL	(1)	2215886T
PCB2	Q591	TR	DTC123JS	1	2213640T
PCB2	Q591 or	TR	KRC105M	(1)	2215830T
PCB2	Q592	TR	DTC123JS	1	2213640T
PCB2	Q592 or	TR	KRC105M	(1)	2215830T
PCB2	Q921	IC	78M12HF(NJM78M12FA)	1	222780125JRC
PCB2	Q921 or	IC	MPC78M12AHF-AZ	(1)	222780125NEC
PCB2	Q921A	HEAT SINK	RAD-183	1	27160526
PCB2	Q921C	SCREW	3TTB+10S(3BC)	1	838430107GR
PCB2	Q922	IC	79M12HF(NJM79M12FA)	1	222790125JRC
PCB2	Q922 or	IC	79M12HF(MPC79M12HF)	(1)	222790125NEC
PCB2	Q922C	SCREW	3TTB+10S(3BC)	1	838430107GR
PCB2	Q924	TR	2SA965-Y(TPE6_F)	1	2211644T
PCB2	L501	S COIL	S-1.3C	1	231176S
PCB2	L502	S COIL	S-1.3C	1	231176S
PCB2	D491	DIODE	1SS133	1	223163T
PCB2	D511	DIODE	1SS133	1	223163T
PCB2	D512	DIODE	1SS133	1	223163T
PCB2	D571	ZENER D	MTZJ5.1B	1	224470512T

PCB2	D591	DIODE	1SS133	1	223163T	
PCB2	D592	DIODE	1SS133	1	223163T	
PCB2	D918	DIODE	D3SBA20	1	22380271F	
PCB2	D918 or	DIODE	RBV402	(1)	22380022F	
PCB2	D920	DIODE	RL1N4003	1	22380260T	
PCB2	D920 or	DIODE	GP104003E	(1)	22380035T	
PCB2	D921	DIODE	RL1N4003	1	22380260T	
PCB2	D921 or	DIODE	GP104003E	(1)	22380035T	
PCB2	D922	ZENER D	MTZJ33B	1	224473302T	
PCB2	D924	DIODE	RL1N4003	1	22380260T	
PCB2	D924 or	DIODE	GP104003E	(1)	22380035T	
PCB2	D952	DIODE	1SS133	1	223163T	
PCB2	D953	DIODE	1SS133	1	223163T	
PCB2	D954	ZENER D	MTZJ4.7B	1	224470472T	
PCB2	D983	DIODE	1SS133	1	223163T	
PCB2	D984	DIODE	1SS133	1	223163T	
PCB2	C301	TF C	ECQ-B50V-471J	1	374724714T	
PCB2	C302	TF C	ECQ-B50V-471J	1	374724714T	
PCB2	C303	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C304	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C305	TF C	ECQ-B50V-152J	1	374721524T	
PCB2	C306	TF C	ECQ-B50V-152J	1	374721524T	
PCB2	C307	VX C	CE04W10V-100M(VX_BLK)	1	397331017T	
PCB2	C308	VX C	CE04W10V-100M(VX_BLK)	1	397331017T	
PCB2	C309	TF C	ECQ-B50V-682J	1	374726824T	
PCB2	C310	TF C	ECQ-B50V-682J	1	374726824T	
PCB2	C311	TF C	ECQ-B50V-182J	1	374721824T	
PCB2	C312	TF C	ECQ-B50V-182J	1	374721824T	
PCB2	C313	VX C	CE04W50V-10M(VX_BLK)	1	397381007T	
PCB2	C314	VX C	CE04W50V-10M(VX_BLK)	1	397381007T	
PCB2	C315	VR C	CE04W16V-220M(VR)	1	394642217T	
PCB2	C316	VR C	CE04W16V-220M(VR)	1	394642217T	
PCB2	C317	TF C	ECQ-B50V-101K	1	374721015T	<MPP>

PCB2	C318	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C321	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C322	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C325	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C326	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C327	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C328	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C329	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C330	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C341	CERA C	CK45F50V-223Z	1	335622230T	
PCB2	C342	CERA C	CK45F50V-223Z	1	335622230T	
PCB2	C343	CERA C	CK45F50V-223Z	1	335622230T	
PCB2	C345	CERA C	CK45F50V-223Z	1	335622230T	
PCB2	C353	VR C	CE04W50V-22M(VR)	1	394682207T	
PCB2	C354	VR C	CE04W50V-22M(VR)	1	394682207T	
PCB2	C391	TF C	ECQ-B50V-101K	1	374721015T	
PCB2	C392	TF C	ECQ-B50V-101K	1	374721015T	
PCB2	C401	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C402	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C403	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C404	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C405	TF C	ECQ-B50V-101K	1	374721015T	
PCB2	C406	TF C	ECQ-B50V-101K	1	374721015T	
PCB2	C407	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C408	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C409	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C410	TF C	ECQ-B50V-101K	1	374721015T	<MPP>
PCB2	C411	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C412	VX C	CE04W25V-47M(VX_BLK)	1	397354707T	
PCB2	C415	VR C	CE04W16V-220M(VR)	1	394642217T	
PCB2	C416	VR C	CE04W16V-220M(VR)	1	394642217T	
PCB2	C421	TF C	ECQ-B50V-223J	1	374722234T	
PCB2	C422	TF C	ECQ-B50V-223J	1	374722234T	

PCB2	C423	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C424	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C433	TF C	ECQ-B50V-103J	1	374721034T
PCB2	C434	TF C	ECQ-B50V-103J	1	374721034T
PCB2	C441	VR C	CE04W16V-100M(VR)	1	394641017T
PCB2	C442	VR C	CE04W50V-1M(VR)	1	394680107T
PCB2	C501	VX C	CE04W50V-47M(VX_BLK)	1	397384707T
PCB2	C502	VX C	CE04W50V-47M(VX_BLK)	1	397384707T
PCB2	C503	TF C	ECQ-B50V-101K	1	374721015T
PCB2	C504	TF C	ECQ-B50V-101K	1	374721015T
PCB2	C505	VX C	CE04W25V-220M(VX_BLK)	1	397352217T
PCB2	C506	VX C	CE04W25V-220M(VX_BLK)	1	397352217T
PCB2	C509	VX C	CE04W50V-10M(VX_BLK)	1	397381007T
PCB2	C510	VX C	CE04W50V-10M(VX_BLK)	1	397381007T
PCB2	C513	VX C	CE04W25V-47M(VX_BLK)	1	397354707T
PCB2	C514	VX C	CE04W25V-47M(VX_BLK)	1	397354707T
PCB2	C515	TF C	ECQ-B50V-101K	1	374721015T
PCB2	C516	TF C	ECQ-B50V-101K	1	374721015T
PCB2	C517	TF C	ECQ-V50V-473J	1	374724734T
PCB2	C518	TF C	ECQ-V50V-473J	1	374724734T
PCB2	C519	TF C	ECQ-V50V-104J	1	374721044T
PCB2	C520	TF C	ECQ-V50V-104J	1	374721044T
PCB2	C521	VX C	CE04W50V-10M(VX_BLK)	1	397381007T
PCB2	C522	VX C	CE04W50V-10M(VX_BLK)	1	397381007T
PCB2	C523	CERA C	CC45SL50V-020C	1	345020201T
PCB2	C524	CERA C	CC45SL50V-020C	1	345020201T
PCB2	C527	VR C	CE04W63V-47M(VR)	1	394674707T
PCB2	C528	VR C	CE04W63V-47M(VR)	1	394674707T
PCB2	C531	TF C	ECQ-B50V-102J	1	374721024T
PCB2	C532	TF C	ECQ-B50V-102J	1	374721024T
PCB2	C533	TF C	ECQ-B50V-102J	1	374721024T
PCB2	C534	TF C	ECQ-B50V-102J	1	374721024T
PCB2	C535	TF C	ECQ-B50V-102J	1	374721024T

PCB2	C536	TF C	ECQ-B50V-102J	1	374721024T
PCB2	C581	VR C	CE04W16V-100M(VR)	1	394641017T
PCB2	C582	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C583	VR C	CE04W50V-1M(VR)	1	394680107T
PCB2	C591	TF C	ECQ-B50V-103J	1	374721034T
PCB2	C592	TF C	ECQ-B50V-103J	1	374721034T
PCB2	C648	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C911	TF C	ECQ-V50V-334J	1	374723344T
PCB2	C912	TF C	ECQ-V50V-334J	1	374723344T
PCB2	C915	ELECT C	CE69W56V-8200MB	1	3504416
PCB2	C916	ELECT C	CE69W56V-8200MB	1	3504416
PCB2	C918	VR C	CE04W35V-1000M(VR)	1	394661027S
PCB2	C919	VR C	CE04W35V-330M(VR)	1	394663317T
PCB2	C920	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C921	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C922	VR C	CE04W50V-33M(VR)	1	394683307T
PCB2	C923	VX C	CE04W50V-10M(VX_BLK)	1	397381007T
PCB2	C924	TF C	ECQ-V50V-334J	1	374723344T
PCB2	C925	TF C	ECQ-V50V-334J	1	374723344T
PCB2	C926	VR C	CE04W50V-100M(VR)	1	394681017T
PCB2	C928	VR C	CE04W50V-100M(VR)	1	394681017T
PCB2	C930	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C931	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C941	VX C	CE04W50V-10M(VX_BLK)	1	397381007T
PCB2	C953	VR C	CE04W50V-4.7M(VR)	1	394680477T
PCB2	C971	CERA C	CK45F50V-223Z	1	335622230T
PCB2	C982	TF C	ECQ-B50V-222J	1	374722224T
PCB2	C991	TF C	ECQ-V50V-104J	1	374721044T
PCB2	C992	TF C	ECQ-V50V-104J	1	374721044T
PCB2	R301	CARBON R	R16J-1K	1	417341024T
PCB2	R302	CARBON R	R16J-1K	1	417341024T
PCB2	R303	CARBON R	R16J-56K	1	417345634T
PCB2	R304	CARBON R	R16J-56K	1	417345634T

PCB2	R305	CARBON R	R16J-220K	1	417342244T
PCB2	R306	CARBON R	R16J-220K	1	417342244T
PCB2	R307	CARBON R	R16J-820	1	417348214T
PCB2	R308	CARBON R	R16J-820	1	417348214T
PCB2	R309	CARBON R	R16J-470K	1	417344744T
PCB2	R310	CARBON R	R16J-470K	1	417344744T
PCB2	R311	CARBON R	R16J-39K	1	417343934T
PCB2	R312	CARBON R	R16J-39K	1	417343934T
PCB2	R313	CARBON R	R16J-100K	1	417341044T
PCB2	R314	CARBON R	R16J-100K	1	417341044T
PCB2	R315	CARBON R	R16J-330	1	417343314T
PCB2	R316	CARBON R	R16J-330	1	417343314T
PCB2	R317	CARBON R	R16J-1M	1	417341054T
PCB2	R318	CARBON R	R16J-1M	1	417341054T
PCB2	R319	CARBON R	R16J-2.2K	1	417342224T
PCB2	R320	CARBON R	R16J-2.2K	1	417342224T
PCB2	R321	CARBON R	R16J-1M	1	417341054T
PCB2	R322	CARBON R	R16J-1M	1	417341054T
PCB2	R323	CARBON R	R16J-330	1	417343314T
PCB2	R324	CARBON R	R16J-330	1	417343314T
PCB2	R325	CARBON R	R16J-1M	1	417341054T
PCB2	R326	CARBON R	R16J-1M	1	417341054T
PCB2	R327	CARBON R	R16J-2.2K	1	417342224T
PCB2	R328	CARBON R	R16J-2.2K	1	417342224T
PCB2	R329	CARBON R	R16J-1M	1	417341054T
PCB2	R330	CARBON R	R16J-1M	1	417341054T
PCB2	R331	CARBON R	R16J-330	1	417343314T
PCB2	R332	CARBON R	R16J-330	1	417343314T
PCB2	R333	CARBON R	R16J-1M	1	417341054T
PCB2	R334	CARBON R	R16J-1M	1	417341054T
PCB2	R335	CARBON R	R16J-330	1	417343314T
PCB2	R336	CARBON R	R16J-330	1	417343314T
PCB2	R337	CARBON R	R16J-1M	1	417341054T

PCB2	R338	CARBON R	R16J-1M	1	417341054T
PCB2	R339	CARBON R	R16J-330	1	417343314T
PCB2	R340	CARBON R	R16J-330	1	417343314T
PCB2	R341	CARBON R	R16J-1M	1	417341054T
PCB2	R342	CARBON R	R16J-1M	1	417341054T
PCB2	R349	CARBON R	R16J-22K	1	417342234T
PCB2	R350	CARBON R	R16J-22K	1	417342234T
PCB2	R351	NF CARBON R	R25J-10	1	415471004T
PCB2	R352	NF CARBON R	R25J-10	1	415471004T
PCB2	R353	NF CARBON R	R25J-10	1	415471004T
PCB2	R354	NF CARBON R	R25J-10	1	415471004T
PCB2	R391	CARBON R	R16J-1K	1	417341024T
PCB2	R392	CARBON R	R16J-1K	1	417341024T
PCB2	R393	VARI R	N11RLC250KWT30Z	1	5132551
PCB2	R401	CARBON R	R16J-1K	1	417341024T
PCB2	R402	CARBON R	R16J-1K	1	417341024T
PCB2	R403	CARBON R	R16J-220K	1	417342244T
PCB2	R404	CARBON R	R16J-220K	1	417342244T
PCB2	R405	CARBON R	R16J-22K	1	417342234T
PCB2	R406	CARBON R	R16J-22K	1	417342234T
PCB2	R407	CARBON R	R16J-3.3K	1	417343324T
PCB2	R408	CARBON R	R16J-3.3K	1	417343324T
PCB2	R409	VARI R	N14RLC100KWT30Z	1	5132548
PCB2	R411	CARBON R	R16J-1.2K	1	417341224T
PCB2	R412	CARBON R	R16J-1.2K	1	417341224T
PCB2	R413	CARBON R	R16J-100K	1	417341044T
PCB2	R414	CARBON R	R16J-100K	1	417341044T
PCB2	R415	VARI R	N14RLC100KWT30Z	1	5132548
PCB2	R417	CARBON R	R16J-1K	1	417341024T
PCB2	R418	CARBON R	R16J-1K	1	417341024T
PCB2	R419	CARBON R	R16J-3.3K	1	417343324T
PCB2	R420	CARBON R	R16J-3.3K	1	417343324T
PCB2	R435	CARBON R	R16J-220K	1	417342244T

PCB2	R436	CARBON R	R16J-2.2K	1	417342224T
PCB2	R441	NF CARBON R	R25J-10	1	415471004T
PCB2	R442	NF CARBON R	R25J-10	1	415471004T
PCB2	R491	CARBON R	R16J-47K	1	417344734T
PCB2	R492	CARBON R	R16J-47K	1	417344734T
PCB2	R501	CARBON R	R16J-470	1	417344714T
PCB2	R502	CARBON R	R16J-470	1	417344714T
PCB2	R503	CARBON R	R16J-27K	1	417342734T
PCB2	R504	CARBON R	R16J-27K	1	417342734T
PCB2	R505	CARBON R	R16J-10	1	417341004T
PCB2	R506	CARBON R	R16J-10	1	417341004T
PCB2	R507	CARBON R	R16J-47	1	417344704T
PCB2	R508	CARBON R	R16J-47	1	417344704T
PCB2	R509	CARBON R	R16J-47	1	417344704T
PCB2	R510	CARBON R	R16J-47	1	417344704T
PCB2	R511	CARBON R	R16J-5.6K	1	417345624T
PCB2	R512	CARBON R	R16J-5.6K	1	417345624T
PCB2	R513	CARBON R	R16J-56K	1	417345634T
PCB2	R514	CARBON R	R16J-56K	1	417345634T
PCB2	R515	CARBON R	R16J-1.5K	1	417341524T
PCB2	R516	CARBON R	R16J-1.5K	1	417341524T
PCB2	R517	CARBON R	R16J-1K	1	417341024T
PCB2	R518	CARBON R	R16J-1K	1	417341024T
PCB2	R519	CARBON R	R16J-1K	1	417341024T
PCB2	R520	CARBON R	R16J-1K	1	417341024T
PCB2	R521	METAL O R	RS1/2WBJ-82	1	443528204T
PCB2	R522	METAL O R	RS1/2WBJ-82	1	443528204T
PCB2	R523	METAL O R	RS1/2WBJ-82	1	443528204T
PCB2	R524	METAL O R	RS1/2WBJ-82	1	443528204T
PCB2	R525	METAL O R	RS1/2WBJ-68	1	443526804T
PCB2	R526	METAL O R	RS1/2WBJ-68	1	443526804T
PCB2	R527	METAL O R	RS1/2WBJ-82	1	443528204T
PCB2	R528	METAL O R	RS1/2WBJ-82	1	443528204T

PCB2	R529	METAL O R	RS1/2WBJ-47	1	443524704T
PCB2	R530	METAL O R	RS1/2WBJ-47	1	443524704T
PCB2	R531	CARBON R	R16J-18K	1	417341834T
PCB2	R532	CARBON R	R16J-18K	1	417341834T
PCB2	R533	CARBON R	R16J-56K	1	417345634T
PCB2	R534	CARBON R	R16J-56K	1	417345634T
PCB2	R535	CARBON R	R16J-18K	1	417341834T
PCB2	R536	CARBON R	R16J-18K	1	417341834T
PCB2	R539	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R540	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R541	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R542	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R543	METAL O R	RS1/2WBJ-220	1	443522214T
PCB2	R544	METAL O R	RS1/2WBJ-220	1	443522214T
PCB2	R545	CARBON R	R16J-22K	1	417342234T
PCB2	R546	CARBON R	R16J-22K	1	417342234T
PCB2	R547	METAL PR	RGC55 0.22	1	4000132
PCB2	R547 or	METAL PR	MPR5W+5W 0R22	(1)	4000233
PCB2	R548	METAL PR	RGC55 0.22	1	4000132
PCB2	R548 or	METAL PR	MPR5W+5W 0R22	(1)	4000233
PCB2	R549	CARBON R	R16J-3.3K	1	417343324T
PCB2	R550	CARBON R	R16J-3.3K	1	417343324T
PCB2	R551	CARBON R	R16J-33K	1	417343334T
PCB2	R552	CARBON R	R16J-33K	1	417343334T
PCB2	R553	CARBON R	R16J-47K	1	417344734T
PCB2	R554	CARBON R	R16J-47K	1	417344734T
PCB2	R555	METAL R	RNU1/2WCJ-8.2	1	453530824T
PCB2	R556	METAL R	RNU1/2WCJ-8.2	1	453530824T
PCB2	R561	CARBON R	R16J-270	1	417342714T
PCB2	R562	CARBON R	R16J-270	1	417342714T
PCB2	R563	CARBON R	R16J-100K	1	417341044T
PCB2	R564	CARBON R	R16J-100K	1	417341044T
PCB2	R565	CARBON R	R16J-120K	1	417341244T

PCB2	R566	CARBON R	R16J-120K	1	417341244T
PCB2	R567	CARBON R	R16J-22	1	417342204T
PCB2	R568	CARBON R	R16J-22	1	417342204T
PCB2	R569	CARBON R	R16J-22	1	417342204T
PCB2	R570	CARBON R	R16J-22	1	417342204T
PCB2	R571	CARBON R	R16J-33K	1	417343334T
PCB2	R572	CARBON R	R16J-22K	1	417342234T
PCB2	R573	CARBON R	R16J-10K	1	417341034T
PCB2	R574	CARBON R	R16J-47K	1	417344734T
PCB2	R575	CARBON R	R16J-220K	1	417342244T
PCB2	R577	CARBON R	R16J-120K	1	417341244T
PCB2	R578	CARBON R	R16J-120K	1	417341244T
PCB2	R579	CARBON R	R16J-100	1	417341014T
PCB2	R580	CARBON R	R16J-100	1	417341014T
PCB2	R581	CARBON R	R16J-5.6K	1	417345624T
PCB2	R582	CARBON R	R16J-5.6K	1	417345624T
PCB2	R583	CARBON R	R16J-3.9K	1	417343924T
PCB2	R584	CARBON R	R16J-3.9K	1	417343924T
PCB2	R585	CARBON R	R16J-820	1	417348214T
PCB2	R586	CARBON R	R16J-820	1	417348214T
PCB2	R587	TRIM R	N06HR2KBC	1	5210390T
PCB2	R588	TRIM R	N06HR2KBC	1	5210390T
PCB2	R589	CARBON R	R16J-3.3K	1	417343324T
PCB2	R590	CARBON R	R16J-3.3K	1	417343324T
PCB2	R591	NF CARBON R	R25J-2.2	1	415470224T
PCB2	R592	NF CARBON R	R25J-2.2	1	415470224T
PCB2	R593	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R594	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R595	METAL O R	RS1/2WBJ-10	1	443521004T
PCB2	R598	METAL O R	RS1WBJ-390	1	443623914T
PCB2	R599	METAL O R	RS1WBJ-390	1	443623914T
PCB2	R641	VARI R	N16RGL100KBT25F	1	5104334
PCB2	R643	CARBON R	R16J-8.2K	1	417348224T

PCB2	R644	CARBON R	R16J-8.2K	1	417348224T
PCB2	R919	METAL R	RNU1/2WCJ-1	1	453530104T
PCB2	R921	METAL R	RNU1/2WCJ-0.47	1	453534794T
PCB2	R922	METAL R	RNU1/2WCJ-0.47	1	453534794T
PCB2	R923	METAL R	RNU1/2WCJ-5.6	1	453530564T
PCB2	R924	METAL O R	RS1/2WBJ-560	1	443525614T
PCB2	R931	NF CARBON R	R25J-3.3K	1	415473324T
PCB2	R932	CARBON R	R16J-330K	1	417343344T
PCB2	R933	METAL O R	RS1/2WBJ-22	1	443522204T
PCB2	R934	METAL O R	RS1/2WBJ-100	1	443521014T
PCB2	R951	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R952	METAL R	RNU1/2WCJ-2.2	1	453530224T
PCB2	R953	CARBON R	R16J-100K	1	417341044T
PCB2	RL591	RELAY	NRL-2P5A-DC24-158	1	25065618
PCB2	RL591 or	RELAY	NRL-2P5A-DC24-129	(1)	25065563
PCB2	RL591 or	RELAY	NRL-2P5A-DC24-193	(1)	25065703
PCB2	RL592	RELAY	NRL-2P5A-DC24-158	1	25065618
PCB2	RL592 or	RELAY	NRL-2P5A-DC24-129	(1)	25065563
PCB2	RL592 or	RELAY	NRL-2P5A-DC24-193	(1)	25065703
PCB2	P301	PIN JACK	NPJ-6PDWWWRRR561	1	25045779
PCB2	P301 or	PIN JACK	NPJ-6PDBL159	(1)	25045300
PCB2	P302	PIN JACK	NPJ-6PDWWWRRR561	1	25045779
PCB2	P302 or	PIN JACK	NPJ-6PDBL159	(1)	25045300
PCB2	P303	PIN JACK	NPJ-4PDWWRR624	1	25045845
PCB2	P303 or	PIN JACK	NPJ-4PDBL162	(1)	25045303
PCB2	P501	TRM	NTM-4PDMNRR420	2	25060492
PCB2	P511	PLUG	NPLG-2P29	1	25055038
PCB2	P512	PLUG	NPLG-2P29	1	25055038
PCB2	P701B	PLUG	NPLG-19P0974	1	25056024
PCB2	P702B	PLUG	NPLG-13P0968	1	25056018
PCB2	P704B	TRM(SCREW)	NEJITANSI M3	1	25065425
PCB2	P705B	TRM(SCREW)	NEJITANSI M3	1	25065425
PCB2	P914A	CRIMP AS	CRIMP AS	1	2069925402UL

PCB2	P915A	CRIMP AS	CRIMP AS	1	2069925450UL	
PCB2	P916A	CRIMP AS	CRIMP AS	1	2069925459UL	
PCB2	E591	RETAINER	MET37-0002	1	27142009T	
PCB2	E592	RETAINER	MET37-0002	1	27142009T	
PCB2	JL613	JUMPER LEAD	JL10 100B	1	---	NSP
PCB2	JL613A	WIRE HOL	NSCT-10P881	1	25051094	
PCB2	JL613B	WIRE TRAP	NPLG-10P593	1	25055631	
PCB2	JL711B	SOCKET	NSCT-3P95	1	25050267	
PCB2	JL716B	SOCKET	NSCT-3P95	1	25050267	
PCB2	JL913	JUMPER LEAD	JL5 550H	1	---	NSP
PCB2	JL913A	WIRE HOL	NSCT-5P896	1	25051109	
PCB2	JL913B	WIRE HOL	NSCT-5P896	1	25051109	

TX-8255

PACKING PROCEDURE PARTS LIST

	REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
PACKING	A601	PAD	L & R 1set	1	29092400	
PACKING	A602	POLY BAG	w850 x d650	1	29100245	
PACKING	A603	POLY BAG	w250 x d350	1	29100250A	
PACKING	A604	POLY BAG	w250 x d350	1	29100250A	<MPP>
PACKING	A605	TAPE	NITTO NO.29 (Yellow)	(1)	29110149	
PACKING	A606	PP TAPE	W50 SBT-70	(1)	29110200	
PACKING	A701	CARTON	8255	1	29054859	
PACKING	A702	UPC LABEL	8255 (B)	1	29390503	(B) <MDC>
PACKING	A702	EAN LABEL	8255 (B)	1	29390504	(B) <MPP>
PACKING	A702	EAN LABEL	8255 (S)	1	29390505	(S) <MPP>
PACKING	A703	LABEL	(GW) (9.5kg)	1	29390660	<MPP>
PACKING	A801	INS MANUAL	En (TX-8255)	1	29344818	
PACKING	A802	INS MANUAL	U2FrEs (TX-8255)	1	29344819	
PACKING	A803	INS MANUAL	U2ItDe (TX-8255)	1	29344820	<MPP>
PACKING	A804	INS MANUAL	U2NISv (TX-8255)	1	29344821	<MPP>
PACKING	A805	INST SHEET	WEEE	1	29355537	<MPP>

PACKING	A806	WRNTY CARD	(ONKYO)	1	29365135	<MDC>
PACKING	A807	HANDBILL	(DS-A2X) US	1	29380150	<MDC>
PACKING	A807	HANDBILL	(DS-A2X) EU	1	29380151	<MPP>
PACKING	A821	REMO CON	RC-666S	1	24140666	
PACKING	A822	BATTERY	R6/AA (UM-3)	2	3010194	
PACKING	A822 or	BATTERY	R6/AA (UM-3)	(2)	3010054	
PACKING	A823	ANT COIL	NMA-3057	1	232140	
PACKING	A824	FM ANT AS	Type W	1	292191	

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