

DXA-WZ8D

SERVICE MANUAL

Ver 1.0 2003. 06

AEP Model
UK Model
E Model
Australian Model



- DXA-WZ8D is deck and amplifier section in MHC-WZ8D.

Tape deck	Model Name Using Similar Mechanism	DXA-WZ5
Section	Tape Transport Mechanism Type	CWM43RR23

SPECIFICATIONS

Amplifier section

European and Russian models:

DIN power output at stereo mode (rated)
75 + 75 watts (6 ohms at 1 kHz, DIN)

Continuous RMS power output (reference)
Front speaker: 100 + 100 watts (6 ohms at 1 kHz, 10% THD)

Center speaker: 40 watts (6 ohms at 1 kHz, 10% THD)

Surround speaker: 40 + 40 watts (6 ohms at 1 kHz, 10% THD)

Music power output (reference)
Front speaker: 200 + 200 watts (6 ohms at 1 kHz, 10% THD)

Center speaker: 80 watts (6 ohms at 1 kHz, 10% THD)

Surround speaker: 80 + 80 watts (6 ohms at 1 kHz, 10% THD)

Other models:

The following measured at AC 127, 220, 240 V, 50/60 Hz (Saudi Arabian model only)

The following measured at AC 120, 220, 240 V, 50/60 Hz (except for Saudi Arabian model)

DIN power output at stereo mode (rated)
100 + 100 watts (6 ohms at 1 kHz, DIN)

Continuous RMS power output (reference)
Front speaker: 140 + 140 watts (6 ohms at 1 kHz, 10% THD)

Center speaker: 40 watts (6 ohms at 1 kHz, 10% THD)

Surround speaker: 40 + 40 watts (6 ohms at 1 kHz, 10% THD)

Inputs
MD (VIDEO) IN L/R (phono jacks):
Voltage 450 mV/250 mV, impedance 47 kilohms

MIC (phone jack): sensitivity 1 mV, impedance 10 kilohms

Outputs
MD (VIDEO) OUT L/R (phono jacks):
Voltage 250 mV, impedance 1 kilohms

SUB WOOFER OUT: Voltage 1 V, impedance 1 kilohms

VIDEO OUT (phono jacks):
max. output level
1 Vp-p, unbalanced, Sync negative, load impedance 75 ohms

S VIDEO OUT (4-pin/mini-DIN jack):
Y: 1 Vp-p, unbalanced, Sync negative,
C: 0.286 Vp-p, load impedance 75 ohms

COMPONENT VIDEO OUT:
Y: 1 Vp-p, 75 ohms
Pb/Cb: 0.7 Vp-p, 75 ohms
Pr/Cr: 0.7 Vp-p, 75 ohms

PHONES (stereo mini jack):
accepts headphones of 8 ohms or more

FRONT L/R:
Use only the supplied speaker SS-WZ8/WZ8E

SURROUND L/R:
Use only the supplied speaker SS-RS400/RS410

CENTER:
Use only the supplied speaker SS-CT400/CT410

Tape deck section

Recording system 4-track 2-channel, stereo

Frequency response 50 – 13,000 Hz (±3 dB), using Sony TYPE I cassettes

General

Power requirements
European and Russian models:
230 V AC, 50/60 Hz

Australian model: 230 – 240 V AC, 50/60 Hz

Saudi Arabian model: 120 – 127 V, 220 V or 230 – 240 V AC, 50/60 Hz
Adjustable with voltage selector

Thai model: 220 V AC, 50/60 Hz

Korean model: 220 V AC, 60 Hz

— Continued on next page —

STEREO CASSETTE DECK AMPLIFIER

9-877-416-01
2003F1678-1
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Home Audio Company
Published by Sony Engineering Corporation

SONY®

SECTION 1 GENERAL

This section is extracted from instruction manual.

QQ 376315150 892498299

Main unit

ALPHABETICAL ORDER

A - L

Deck A **29**

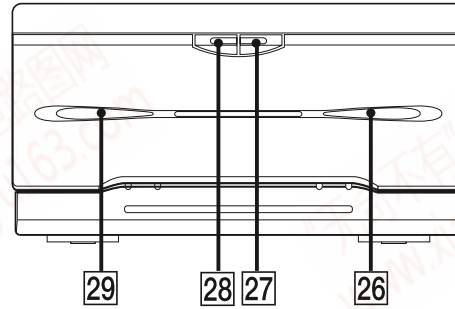
Deck B **26**

BUTTON DESCRIPTIONS

A ▲ (eject) **28** (39)

▲ B (eject) **27** (39)

Amplifier/Tape deck



TEL 13942296513 QQ 376315150 892498299

TEL 13942296513 QQ 376315150 892498299

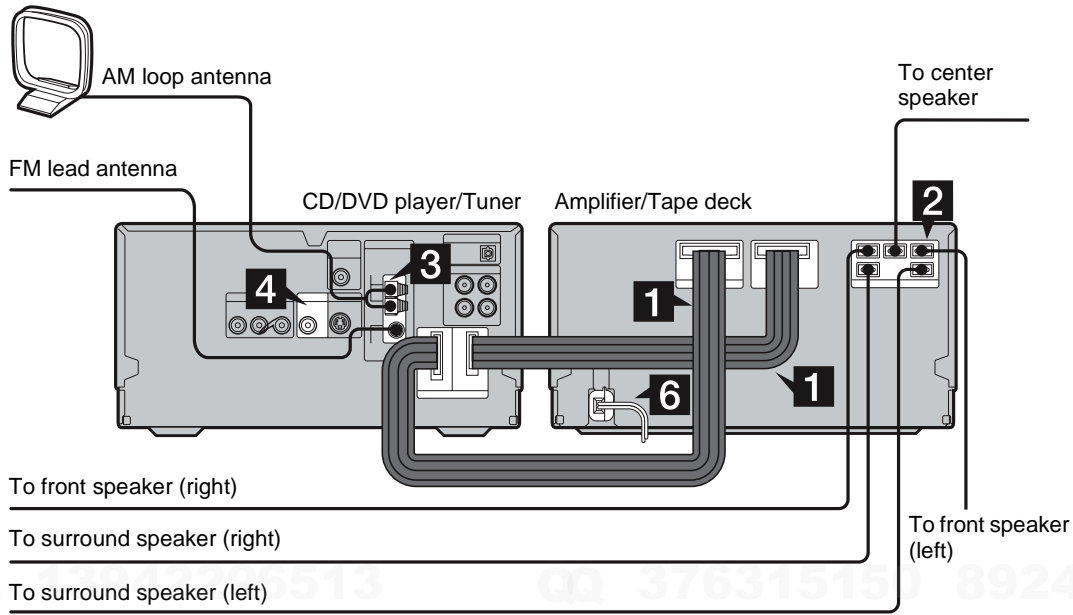
QQ 376315150

892498299

Getting Started

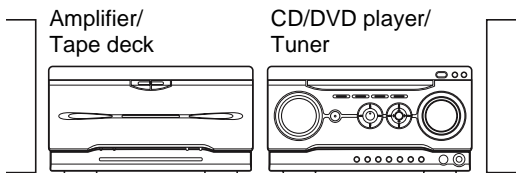
Hooking up the system

Perform the following procedures **1** to **7** to hook up your system using the supplied cords and accessories. European model is used for illustration purpose.



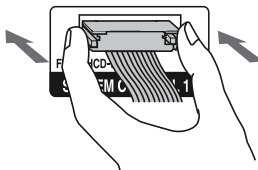
Preparation

Place the components as shown below.



1 Connect the system control cables to the **SYSTEM CONTROL** connectors on the tape deck.

Connect to the same numbered jack in the order indicated on the rear panel.



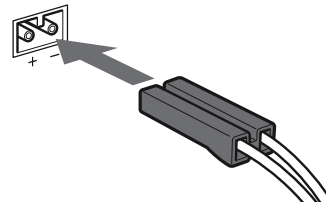
Note

The system cable is used to send signals and electricity between the components for interlinked operation.

Be sure to insert the connector horizontally until it clicks into place. Otherwise the system will not operate correctly.

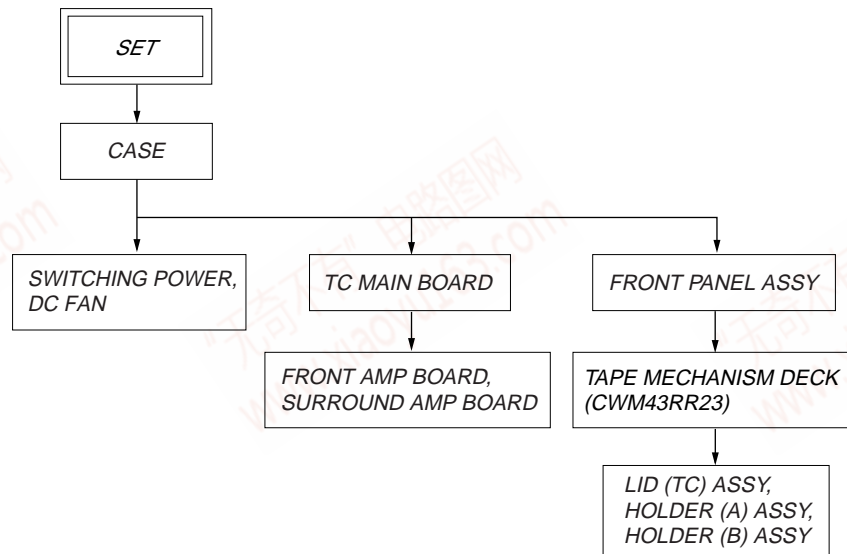
2 Connect the speakers.

Be sure to match the appropriate speaker cords from the speaker terminals to the corresponding **SPEAKER** terminals on the tape deck.



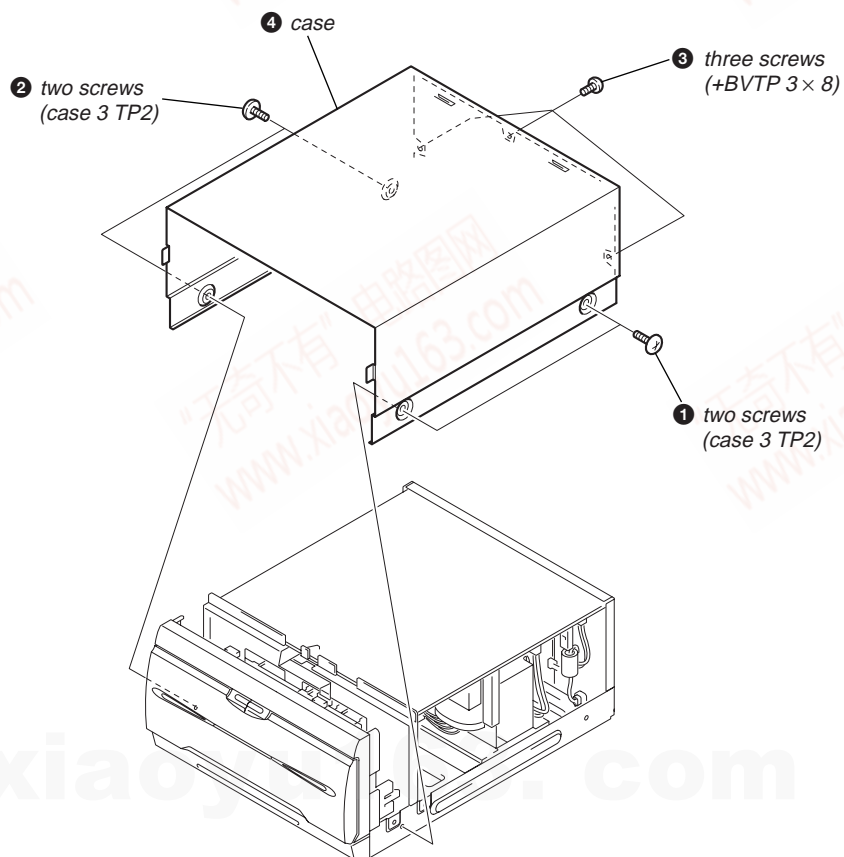
SECTION 2 DISASSEMBLY

- The equipment can be removed using the following procedure.



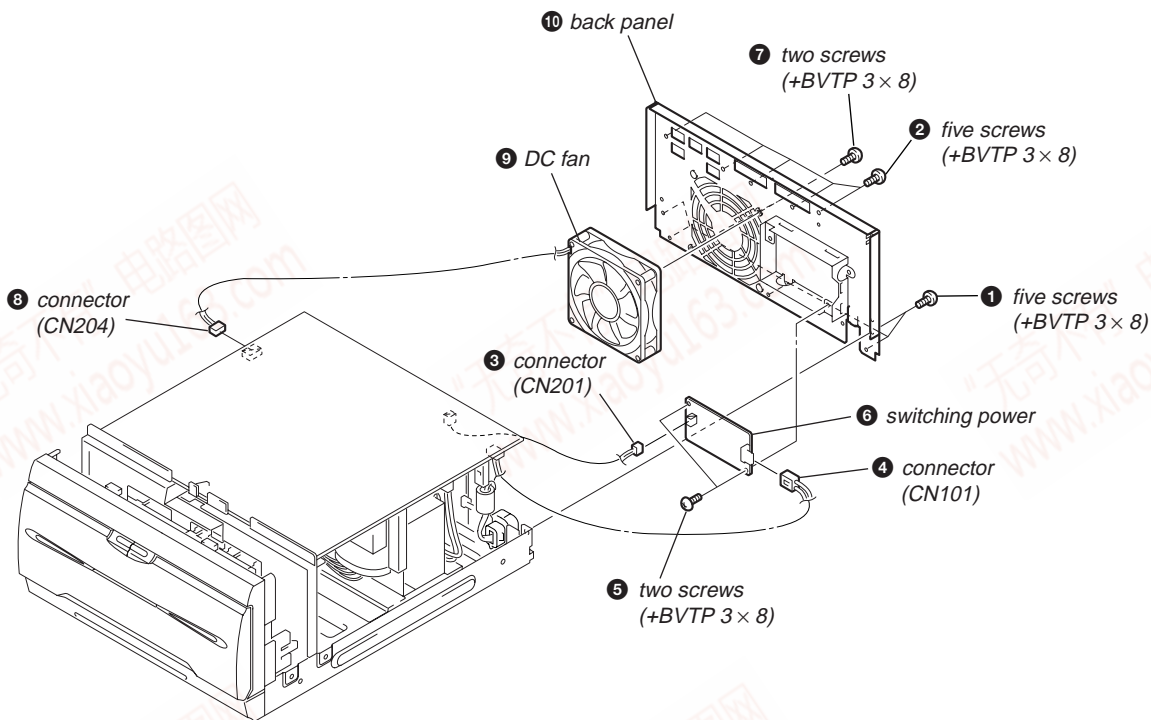
Note : Follow the disassembly procedure in the numerical order given.

2-1. Case

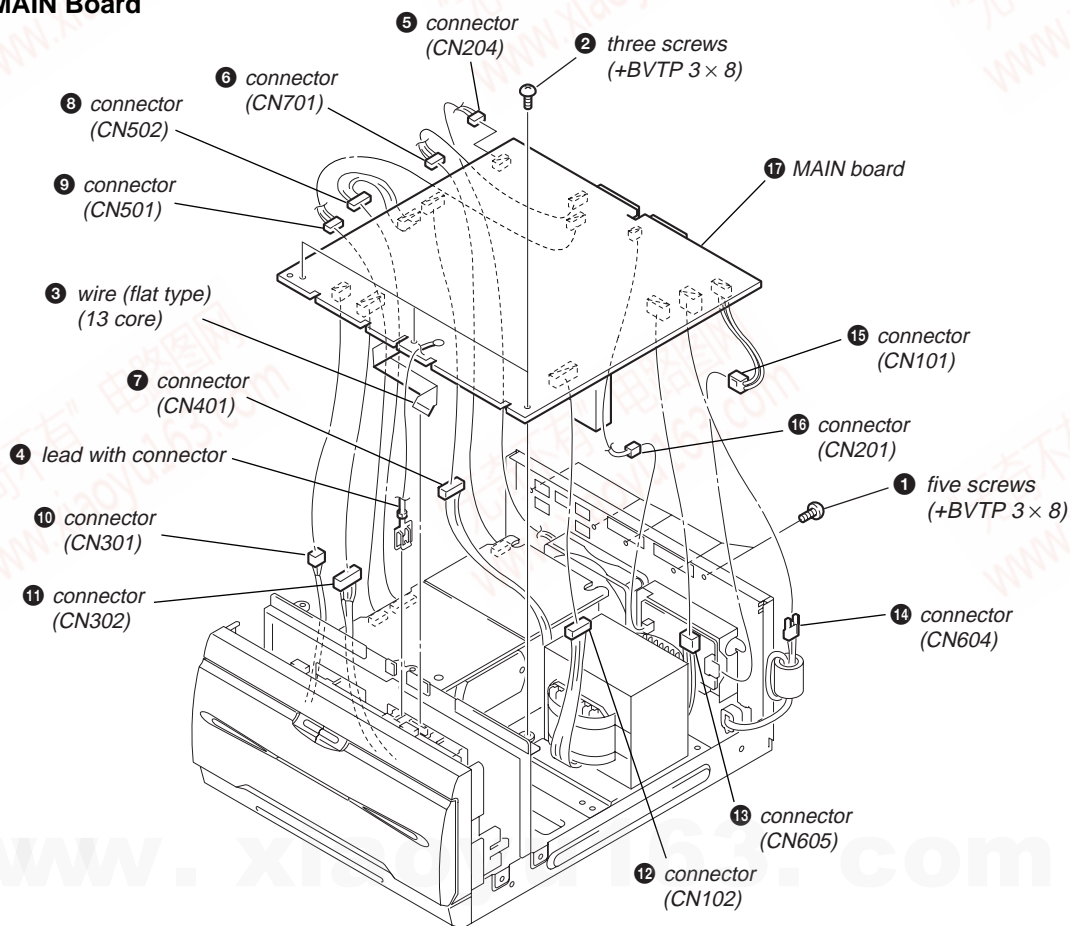


DXA-WZ8D

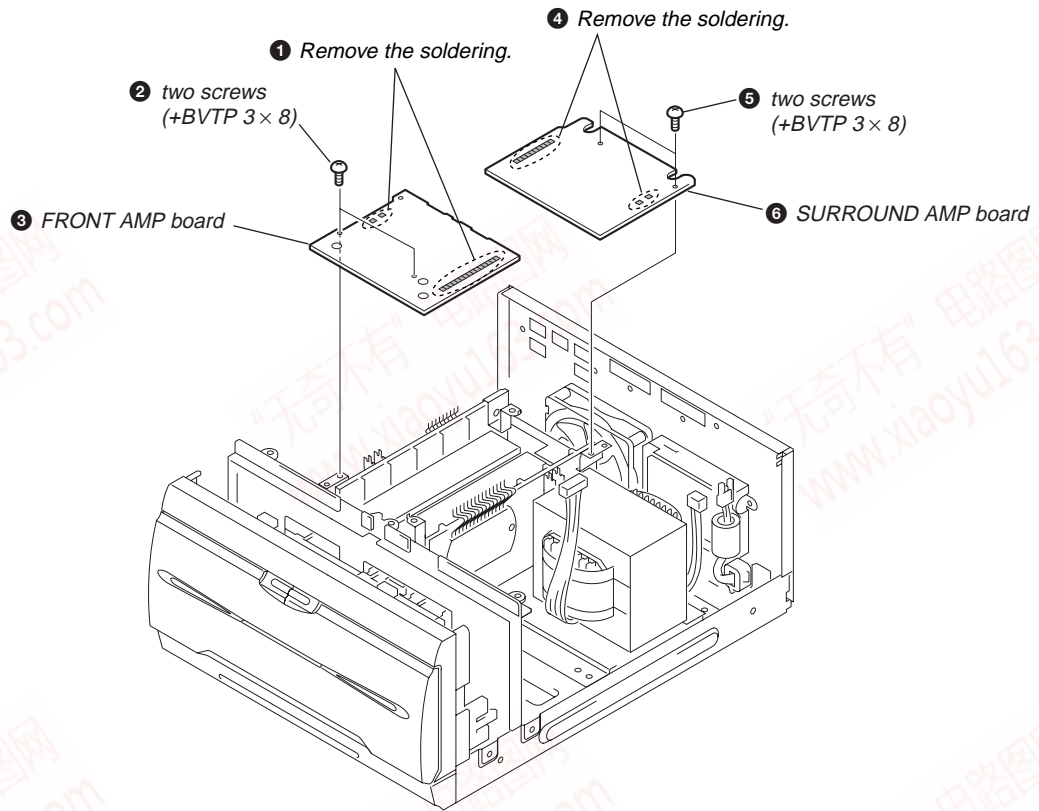
2-2. Switching Power, DC Fan and Back Panel



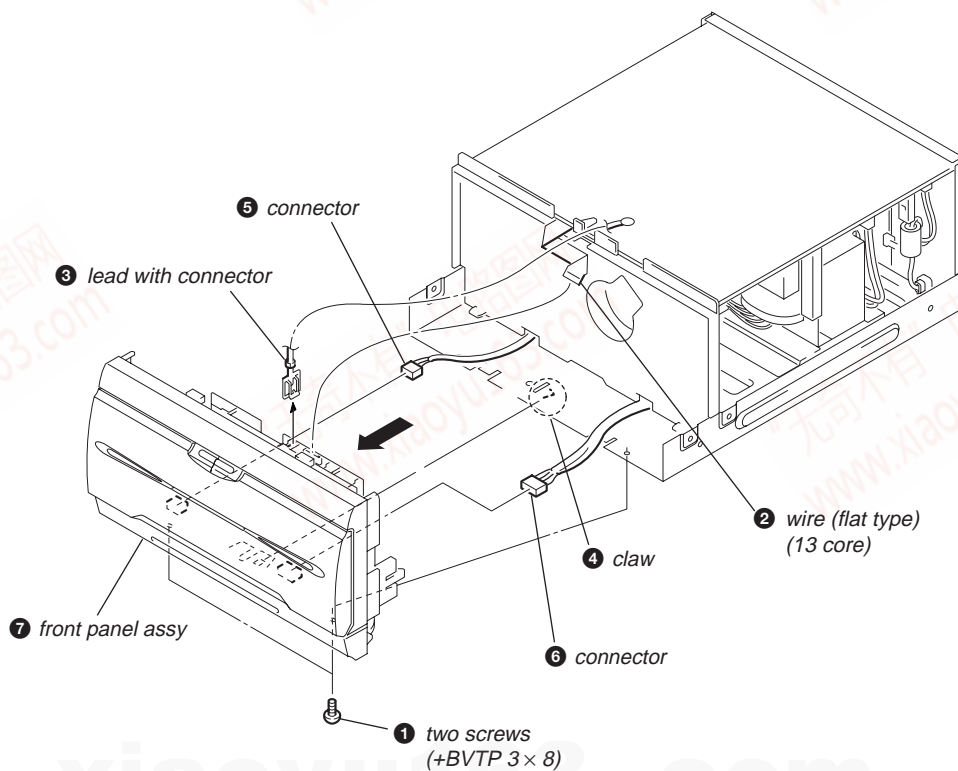
2-3. TC MAIN Board



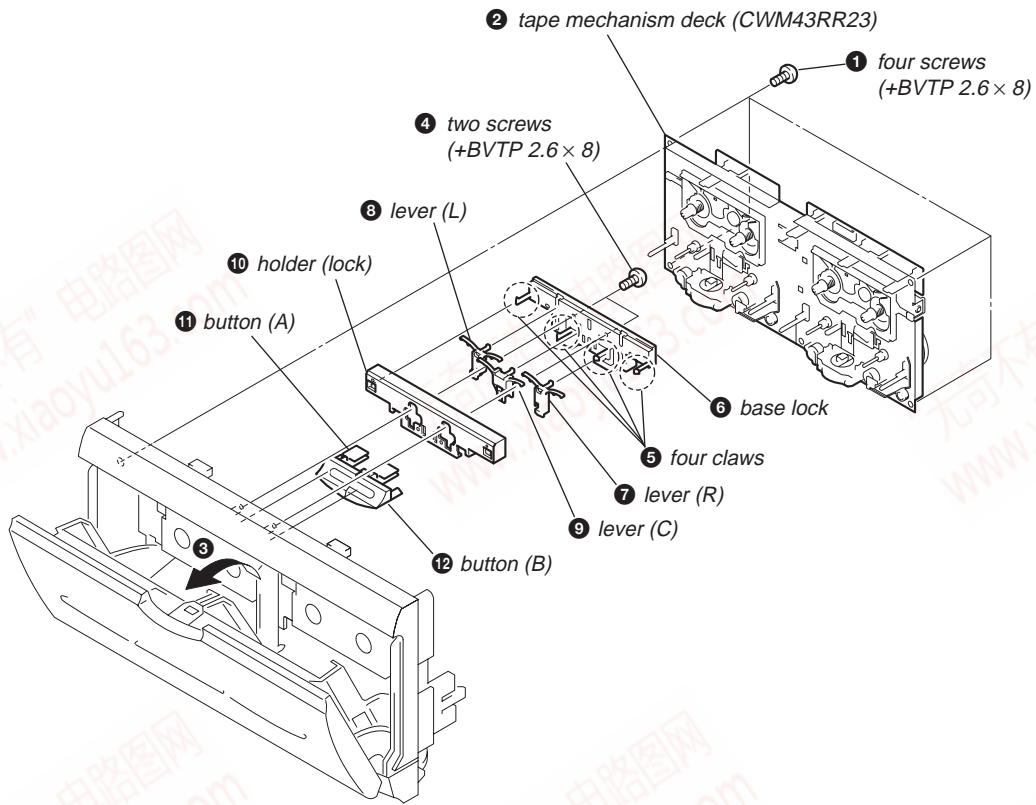
2-4. FRONT AMP Board and SURROUND AMP Board



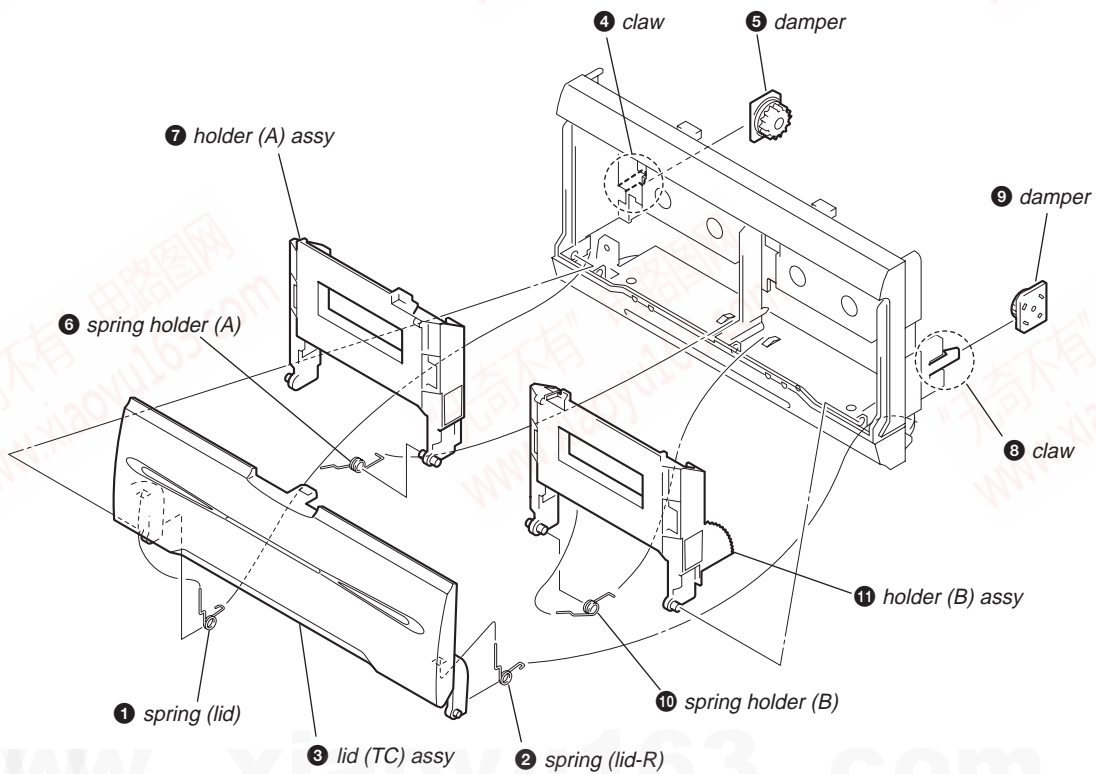
2-5. Front Panel Assy



2-6. Tape Mechanism Deck (CWM43RR23)



2-7. Lid (TC) Assy, Holder (A) Assy and Holder (B) Assy



SECTION 3 ELECTRICAL ADJUSTMENTS

DECK SECTION

0 dB=0.775 V

Note: Confirm each contents of this section first of all. If the results are not satisfied, do the adjustment.

1. Demagnetize the record/playback head with a head demagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjust.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual.
6. The adjustments should be performed for both L-CH and R-CH.
7. Switches and controls should be set as follows unless otherwise specified.

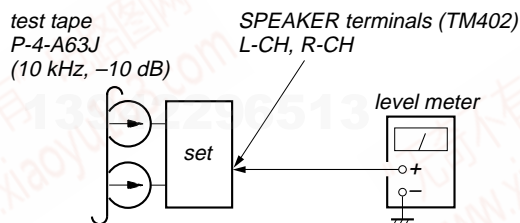
• Test Tape

Tape	Signal	Used for
P-4-A63J	10 kHz, -10 dB	Azimuth Adjustment

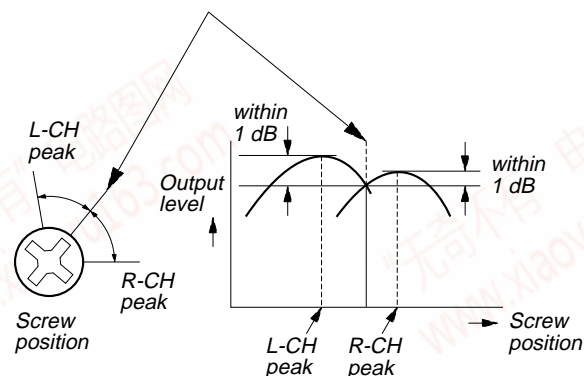
Record/Playback Head Azimuth Adjustment

Procedure:

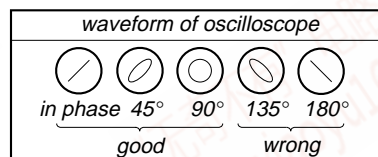
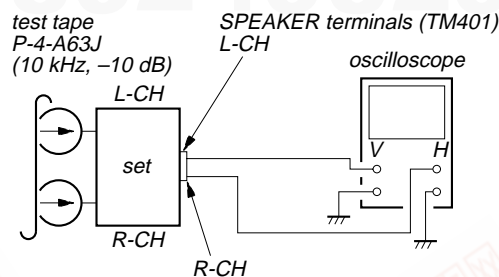
1. Mode: Playback



2. Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1dB of peak.



3. Mode: Playback






4. Repeat step 1 to 3 in playback (REV) mode.
5. After the adjustments, apply suitable locking compound to the parts adjusted.








SECTION 4 DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)




Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF : $\mu\mu\text{F}$
50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{ W}$ or less unless otherwise specified.
- \triangle : internal component.
-  : nonflammable resistor.
-  : fusible resistor.
-  : panel designation.

Note: The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

-  : B+ Line.
-  : B- Line.
-  : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
no mark : FM
() : CD
[] : TAPE
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- **Signal path.**
 : FM
 : PB (TAPE)
 : REC (TAPE)
 : CD
- **Abbreviation**
AUS : Australian model
E2 : 120V AC area in E model
E3 : 240V AC area in E model
E15 : 220-240V AC area in E model
EA : Saudi Arabia model
KR : Korean model
MX : Mexican model
MY : Malaysia model
PH : Philippines model
RU : Russian model
SP : Singapore model
TH : Thai model

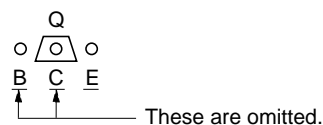
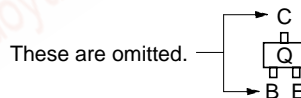
Note on Printed Wiring Boards:

-  : parts extracted from the component side.
-  : parts extracted from the conductor side.
-  : Pattern from the side which enables seeing.

Caution:

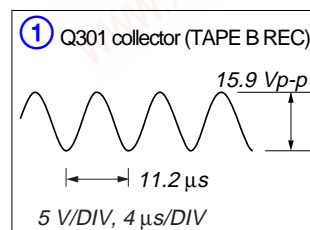
Pattern face side: Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: Parts on the parts face side seen from the parts face are indicated.

- Indication of transistor.

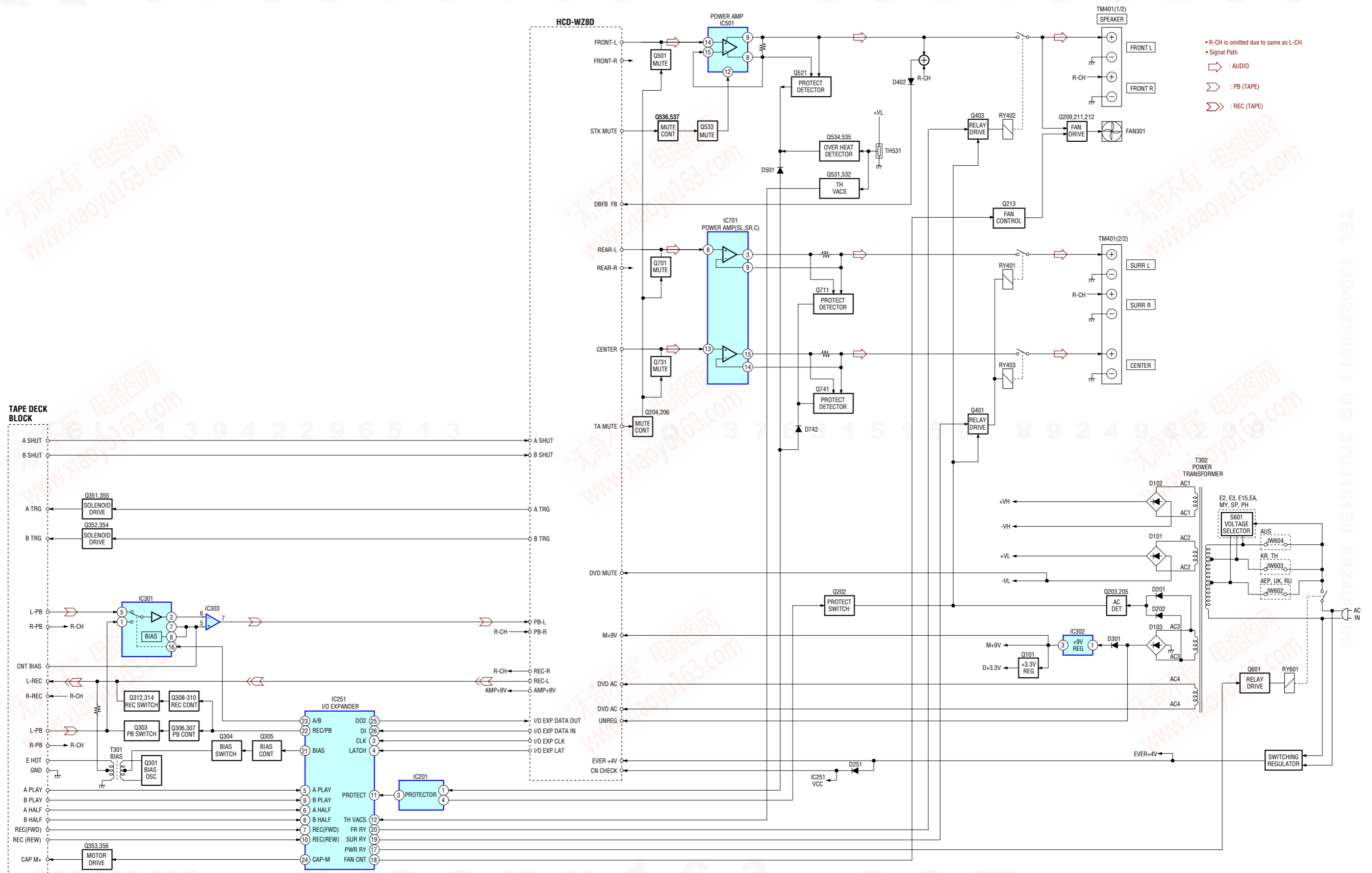


• **WAVEFORMS**

– **TC MAIN Board** –

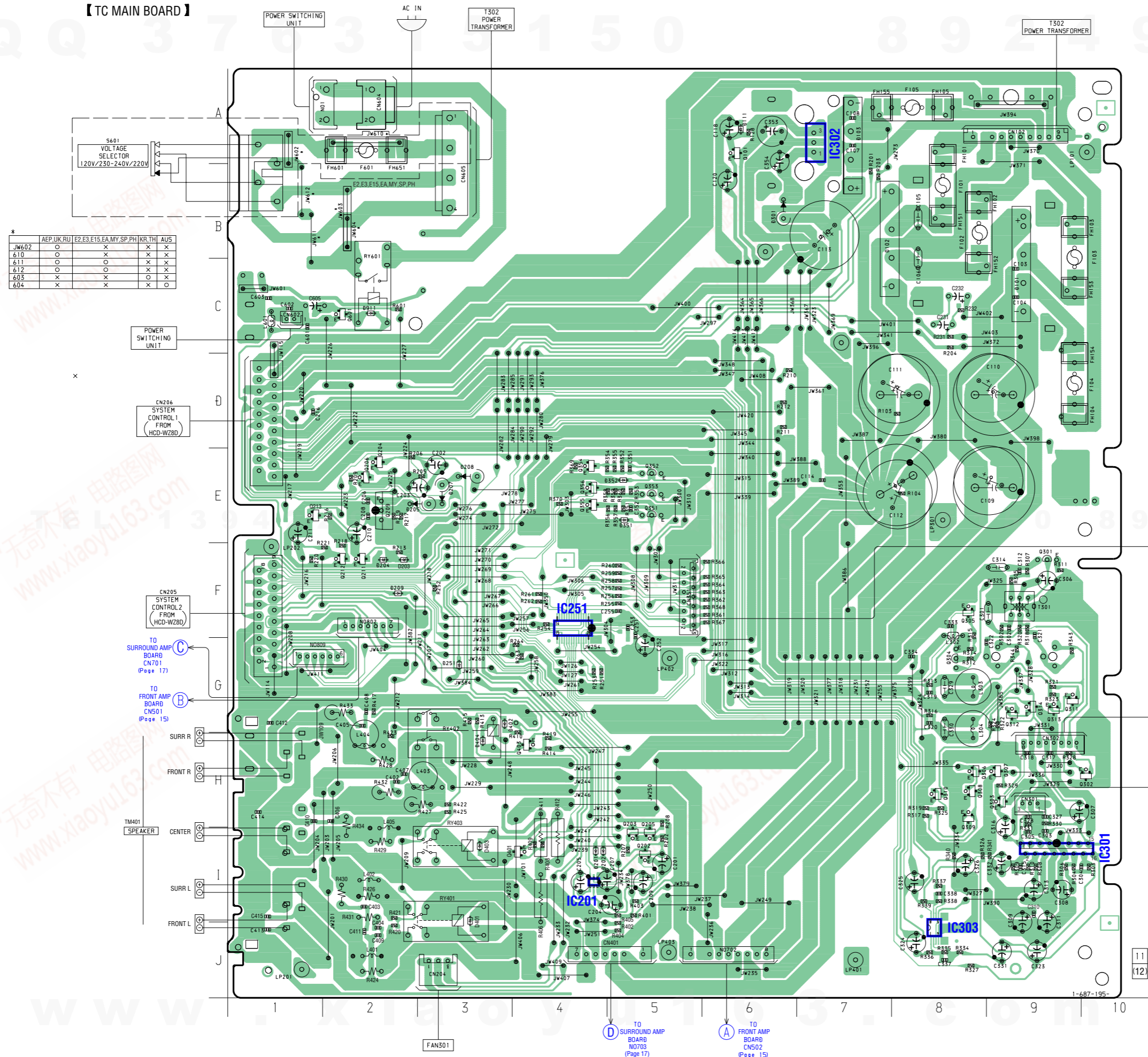


4-1. Block Diagram



4-2. Printed Wiring Board – TC MAIN Board –  : Uses unleaded solder.

【 TC MAIN BOARD 】



*

	AEP	UK	RU	E2	E3	E15	EA	MY	SP	PH	KR	TH	AUS
JW602	○			X							X	X	X
610	○			X							X	X	X
611	○			○							X	X	X
612	○			○							X	X	X
603	X			X							X	X	X
604	X			X							X	X	X

• Semiconductor Location

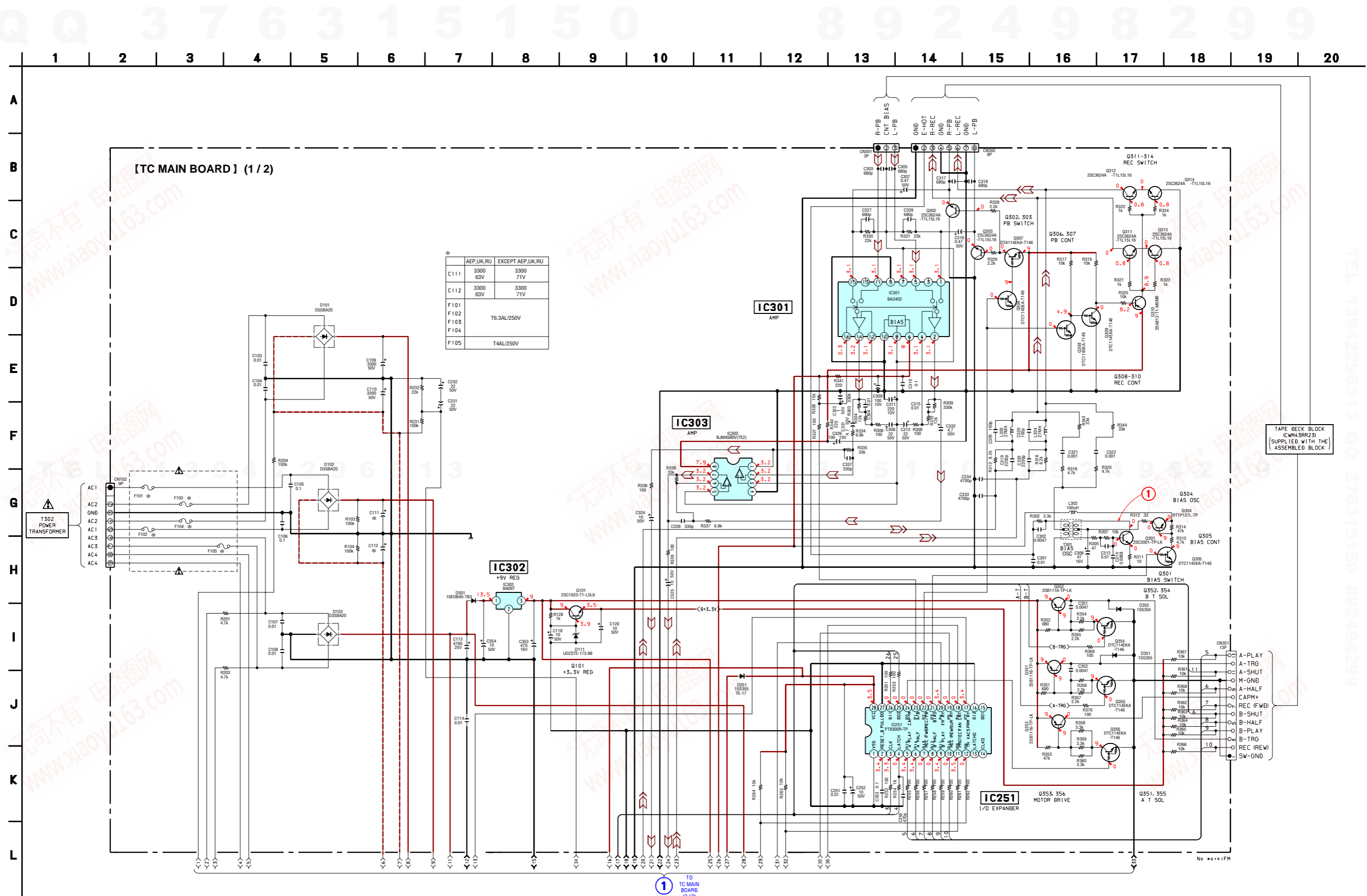
Ref. No.	Location
D101	C-9
D102	B-7
D103	A-7
D111	A-6
D201	I-4
D202	I-4
D203	F-2
D204	F-2
D205	E-2
D207	E-3
D208	E-3
D209	F-2
D251	G-3
D301	B-6
D351	E-5
D352	E-5
D401	I-3
D402	G-3
D403	I-3
D404	H-3
D911	C-2
IC201	I-4
IC251	F-4
IC301	I-10
IC302	A-7
IC303	J-8
Q101	A-6
Q202	I-5
Q203	H-5
Q204	E-2
Q205	H-5
Q206	E-2
Q209	E-2
Q211	F-2
Q212	F-2
Q213	E-1
Q301	F-9
Q302	H-10
Q303	H-9
Q304	G-8
Q305	F-8
Q306	H-8
Q307	H-9
Q308	H-8
Q309	H-8
Q310	H-8
Q311	G-9
Q312	G-9
Q313	G-9
Q314	G-9
Q351	E-5
Q352	E-5
Q353	E-5
Q354	E-4
Q355	E-4
Q401	I-3
Q403	H-4
Q601	C-2

TAPE DECK BLOCK (CW43RR23) (SUPPLIED WITH THE ASSEMBLED BLOCK)

TO SURROUND AMP BOARD CN701 (Page 17)
 TO FRONT AMP BOARD CN501 (Page 15)

TO SURROUND AMP BOARD NO703 (Page 17)
 TO FRONT AMP BOARD CN502 (Page 15)

4-3. Schematic Diagram – TC MAIN Board (1/2) – • See page 10 for Waveforms.

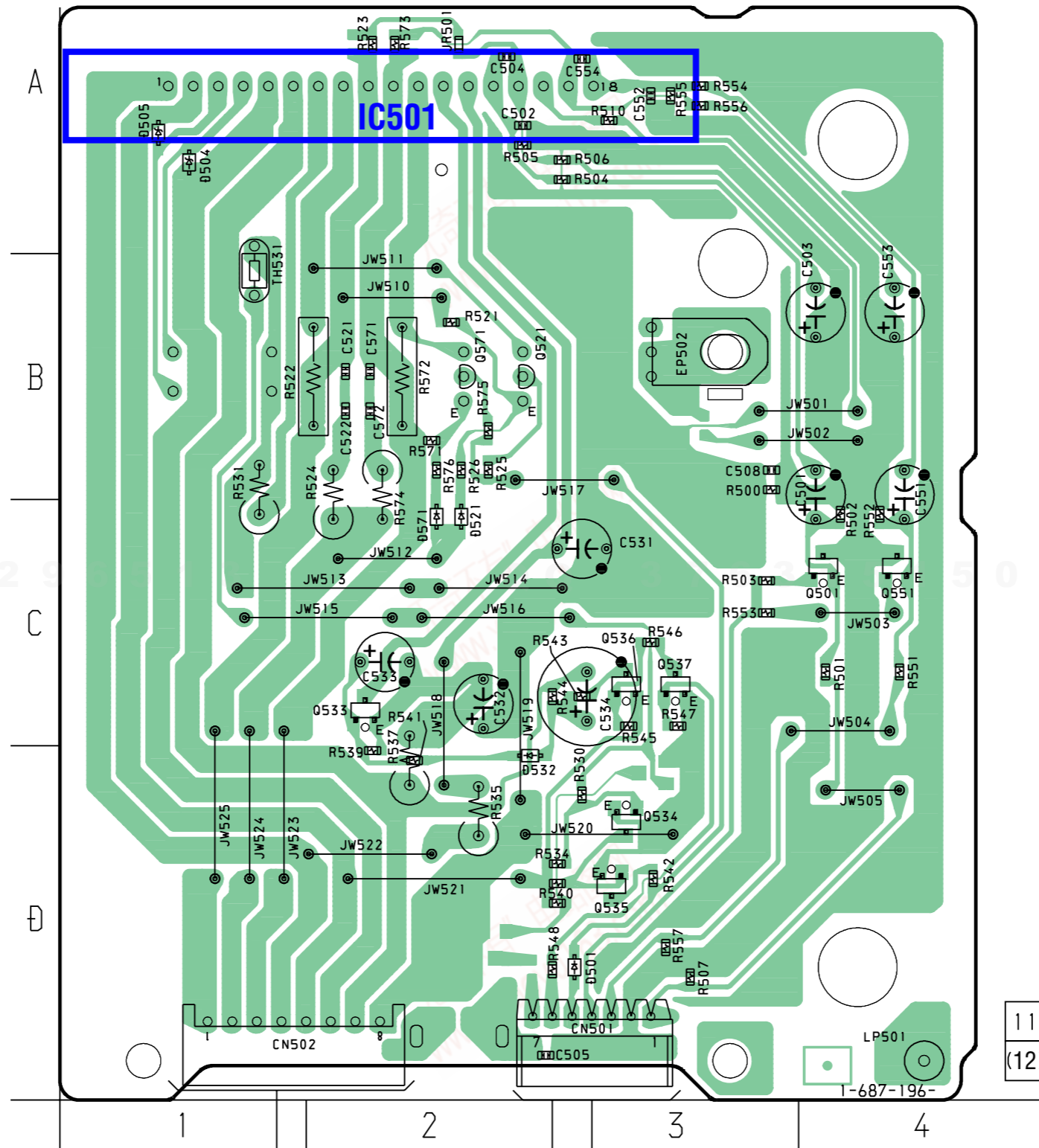


1 TO MAIN BOARD (2/2) (Page 14)

4-4. Printed Wiring Board – FRONT AMP Board – •  : Uses unleaded solder.

Q Q 3 7 6 3 1 5 1 5 0 8 9 2 4 9 8 2 9 9

【 FRONT AMP BOARD 】



• Semiconductor Location

Ref. No.	Location
D501	D-3
D504	A-1
D505	A-1
D521	C-2
D532	D-2
D571	C-2
IC501	A-2
Q501	C-4
Q521	B-2
Q533	C-2
Q534	D-3
Q535	D-3
Q536	C-3
Q537	C-3
Q551	C-4
Q571	B-2

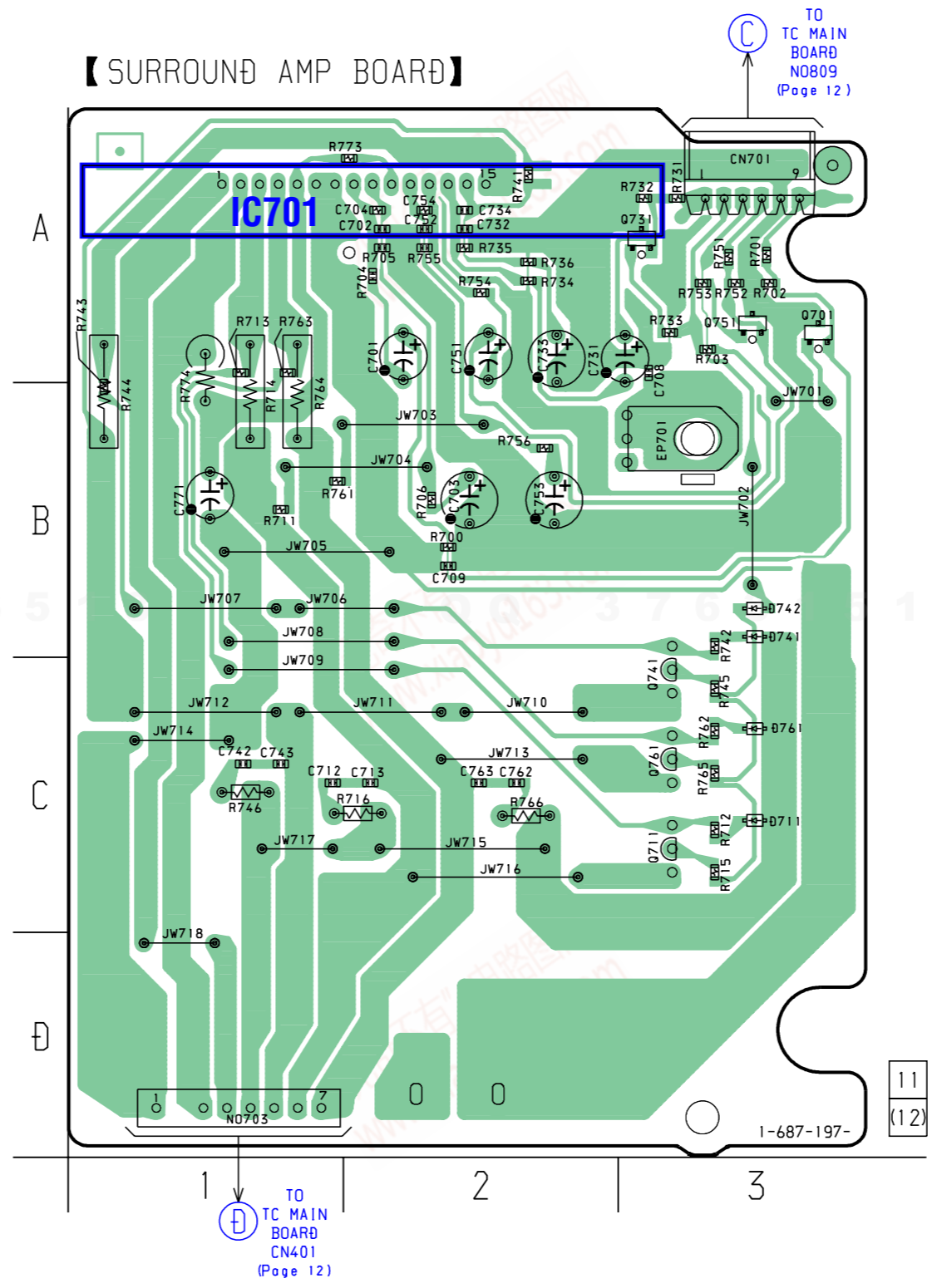
A TO TC MAIN BOARD NO702 (Page 12)

B TO TC MAIN BOARD NO802 (Page 12)

11
(12)

4-6. Printed Wiring Board – SURROUND AMP Board –  : Uses unleaded solder.

Q Q 3 7 6 3 1 5 1 5 0 8 9 2 4 9 8 2 9 9



• Semiconductor Location

Ref. No.	Location
D711	C-3
D741	B-3
D742	B-3
D761	C-3
IC701	A-1
Q701	A-3
Q711	C-3
Q731	A-3
Q741	C-3
Q751	A-3
Q761	C-3

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"无奇不有" 电路图网
www.xiaoyu163.com

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www.xiaoyu163.com

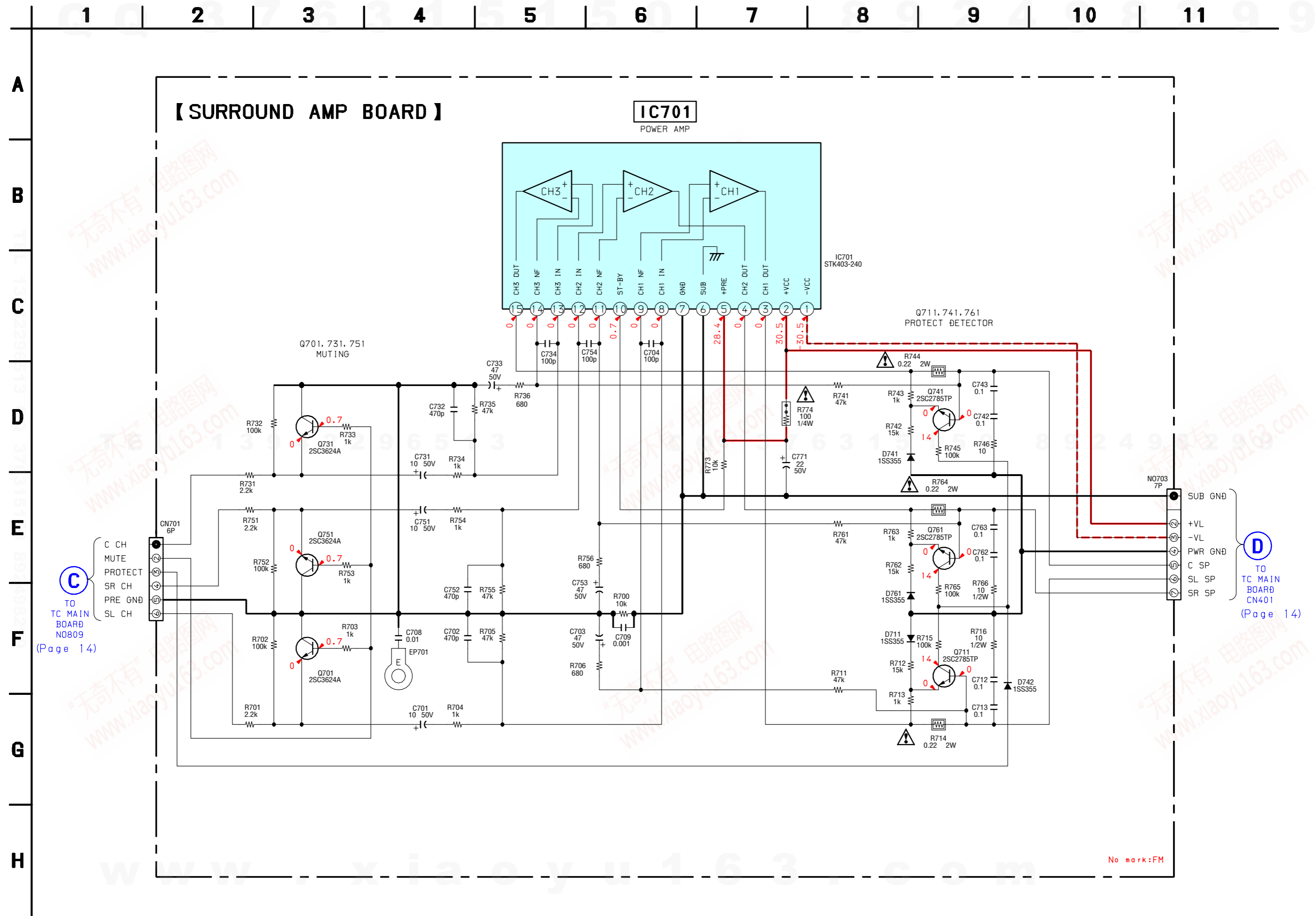
"无奇不有" 电路图网
www.xiaoyu163.com

"无奇不有" 电路图网
www.xiaoyu163.com

"无奇不有" 电路图网
www.xiaoyu163.com

"无奇不有" 电路图网
www.xiaoyu163.com

4-7. Schematic Diagram – SURROUND AMP Board –



【SURROUND AMP BOARD】

IC701
POWER AMP

Q711, 741, 761
PROTECT DETECTOR

Q701, 731, 751
MUTING

C
TO
TC MAIN
BOARD
NO809
(Page 14)

D
TO
TC MAIN
BOARD
CN401
(Page 14)

No mark:FM

SECTION 5 EXPLODED VIEWS

NOTE:

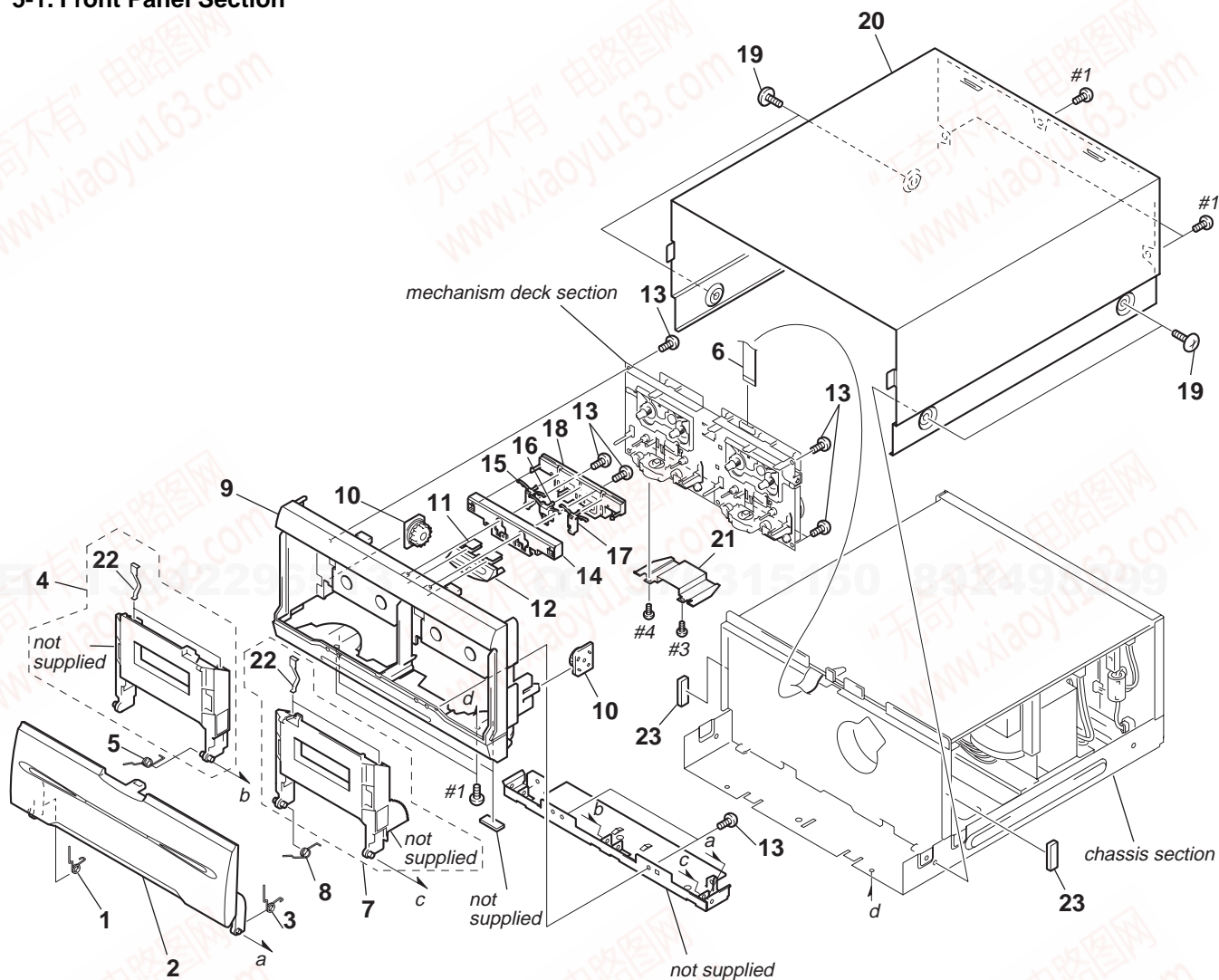
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Abbreviation
 AUS : Australian model
 E2 : 120V AC area in E model
 E3 : 240V AC area in E model
 E15 : 220-240V AC area in E model
 EA : Saudi Arabia model
 KR : Korean model
 MY : Malaysia model
 PH : Philippines model

- RU : Russian model
- SP : Singapore model
- TH : Thai model

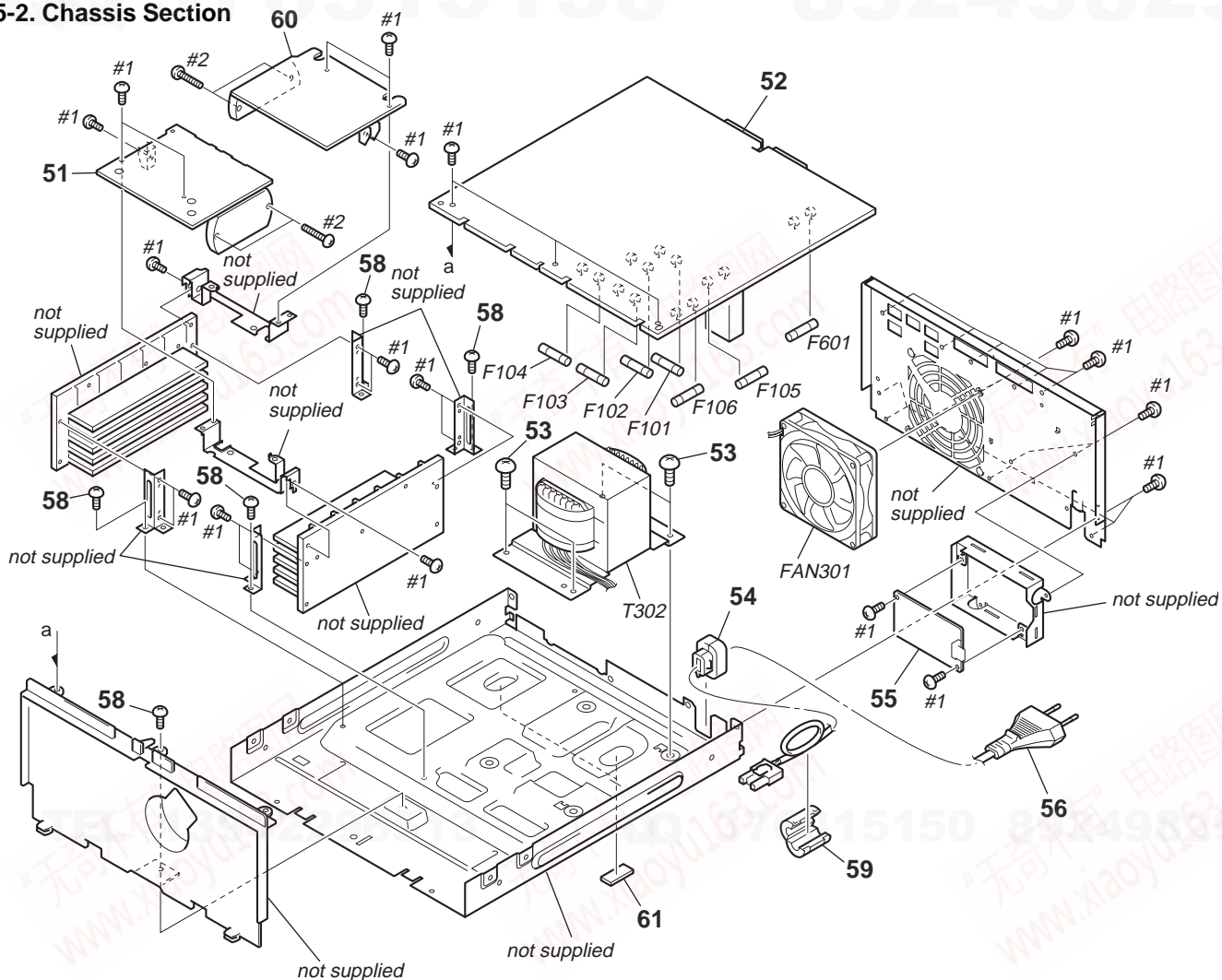
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

5-1. Front Panel Section



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
Δ 1	4-244-459-01	SPRING (LID)		14	4-244-450-01	HOLDER (LOCK)	
2	X-4955-418-2	LID (TC) ASSY		15	4-244-448-01	LEVER (L)	
3	4-244-977-01	SPRING (LID-R)		16	4-244-447-01	LEVER (C)	
4	X-4955-284-1	HOLDER (A) ASSY		17	4-244-449-01	LEVER (R)	
5	4-244-454-01	SPRING (HOLDER A)		18	4-244-446-01	BASE (LOCK)	
6	1-769-985-11	WIRE (FLAT TYPE)(13CORE)		19	3-363-099-11	SCREW (CASE 3 TP2)	
7	X-4955-285-1	HOLDER (B) ASSY		20	4-244-441-11	CASE	
8	4-244-455-01	SPRING (HOLDER B)		21	4-245-758-01	PLATE (HEAD), SHIELD	
9	4-244-442-01	PANEL (TC), FRONT		22	4-959-229-11	DETENT, CASSETTE	
10	4-224-104-11	DAMPER		23	3-378-109-12	CUSHION, SARANET	
11	4-244-443-01	BUTTON (A)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
12	4-244-444-01	BUTTON (B)		#3	7-685-862-09	SCREW +BVTT 2.6X6 (S)	
13	4-951-620-01	SCREW (2.6X8), +BVTP		#4	7-685-853-04	SCREW +BVTT 2X6 (S)	

5-2. Chassis Section



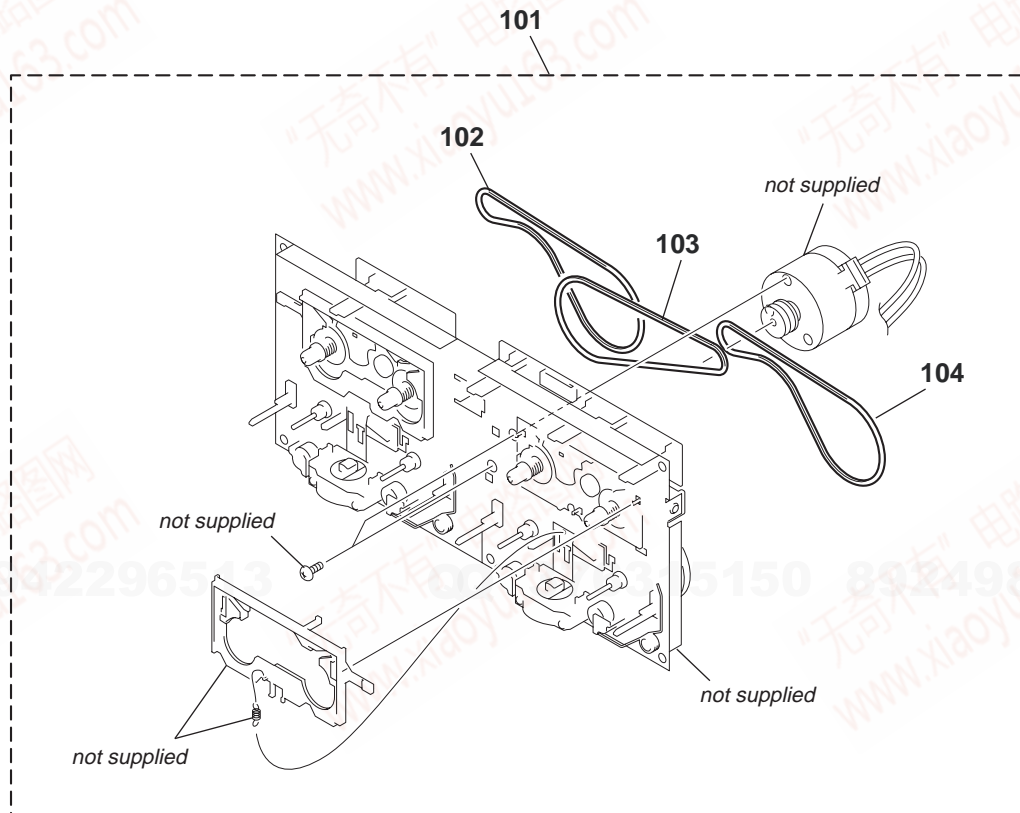
Ref. No.	Part No.	Description	Remarks
51	A-4732-224-A	FRONT AMP BOARD, COMPLETE (AEP, UK, RU)	
51	A-4732-234-A	FRONT AMP BOARD, COMPLETE (E2, E3, E15, EA, MY, SP, PH)	
51	A-4732-264-A	FRONT AMP BOARD, COMPLETE (AUS)	
51	A-4734-574-A	FRONT AMP BOARD, COMPLETE (KR)	
51	A-4734-588-A	FRONT AMP BOARD, COMPLETE (TH)	
52	A-4732-219-A	TC MAIN BOARD, COMPLETE (AEP, UK, RU)	
52	A-4732-230-A	TC MAIN BOARD, COMPLETE (E2)	
52	A-4732-246-A	TC MAIN BOARD, COMPLETE (E3, E15, MY, SP, PH)	
52	A-4732-255-A	TC MAIN BOARD, COMPLETE (EA)	
52	A-4732-261-A	TC MAIN BOARD, COMPLETE (AUS)	
52	A-4734-571-A	TC MAIN BOARD, COMPLETE (KR)	
52	A-4734-583-A	TC MAIN BOARD, COMPLETE (TH)	
53	4-900-386-01	SCREW	
54	3-703-571-11	BUSHING (S)(4516), CORD (E2, E3, E15)	
* 54	3-703-244-00	BUSHING (2104), CORD (EXCEPT E2, E3, E15)	
△ 55	1-468-737-11	POWER, SWITCHING	
△ 56	1-769-079-12	CORD, POWER (KR)	
△ 56	1-775-786-41	CORD, POWER (UK)	
△ 56	1-775-790-51	CORD, POWER (AUS)	
△ 56	1-777-071-63	CORD, POWER (AEP, RU, EA, MY, SP, PH)	
△ 56	1-824-818-11	CORD, POWER (WITH CONNECTOR)(TH)	
△ 56	1-827-226-21	CORD, POWER (E2, E3, E15)	
58	3-970-608-01	SUMITITE (B3), +BV	
59	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	

Ref. No.	Part No.	Description	Remarks
60	A-4732-226-A	SURROUND AMP BOARD, COMPLETE (AEP, UK, RU)	
60	A-4732-236-A	SURROUND AMP BOARD, COMPLETE (E2, E3, E15, EA, MY, SP, PH)	
60	A-4732-266-A	SURROUND AMP BOARD, COMPLETE (AUS)	
60	A-4734-576-A	SURROUND AMP BOARD, COMPLETE (KR)	
60	A-4734-591-A	SURROUND AMP BOARD, COMPLETE (TH)	
61	4-225-252-01	CUSHION (FOOT)	
△ F101	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△ F102	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△ F103	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△ F104	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△ F105	1-533-471-11	FUSE, GLASS TUBE (DIA. 4) T5AL/250V	
△ F106	1-533-472-11	FUSE, GLASS TUBE (DIA. 5) T5AL/250V	
△ F601	1-533-471-11	FUSE, GLASS TUBE (DIA. 5) T4AL/250V (E2, E3, E15, MY, SP, PH)	
△ F601	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V (EA)	
△ T302	1-439-643-11	TRANSFORMER, POWER (EA)	
△ T302	1-439-644-11	TRANSFORMER, POWER (E2, E3, E15, MY, SP, KR, TH, PH, AUS)	
△ T302	1-439-645-11	TRANSFORMER, POWER (AEP, UK, RU)	
FAN301	1-763-488-31	FAN, DC	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#2	7-685-650-79	SCREW +BVTP 3X16TYPE2 IT-3	

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

QQ 376315150 892498299

5-3. Tape Mechanism Deck Section



Ref. No.	Part No.	Description
101	1-796-487-31	DECK, MECHANICAL
102	4-243-610-01	BELT (AL)

Ref. No.	Part No.	Description
103	4-243-609-01	BELT (AF)
104	4-243-608-01	BELT (BR)

DXA-WZ8D

FRONT AMP

**SECTION 6
ELECTRICAL PARTS LIST**

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- Items marked * are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- CAPACITORS:
uF: μ F
- COILS
uH: μ H
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA..., μ PA...,
uPB..., μ PB..., uPC..., μ PC...,
uPD..., μ PD...
- Abbreviation
AUS: Australian model
E2 : 120V AC area in E model
E3 : 240V AC area in E model
E15 : 220-240V AC area in E model
EA : Saudi Arabia model

- KR : Korean model
- MY : Malaysia model
- PH : Philippines model
- RU : Russian model
- SP : Singapore model
- TH : Thai model

When indicating parts by reference number, please include the board name.

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
	A-4732-224-A	FRONT AMP BOARD, COMPLETE (AEP, UK, RU) *****				< IC >	
	A-4732-234-A	FRONT AMP BOARD, COMPLETE (E2, E3, E15, EA, MY, SP, PH) *****		IC501	6-600-179-01	IC STK412-210 (AEP, UK, RU)	
				IC501	6-600-171-01	IC STK412-230 (EXCEPT AEP, UK, RU)	
	A-4732-264-A	FRONT AMP BOARD, COMPLETE (AUS) *****				< JUMPER RESISTOR >	
	A-4734-574-A	FRONT AMP BOARD, COMPLETE (KR) *****		JR501	1-216-864-11	METAL CHIP 0 5% 1/10W	
	A-4734-588-A	FRONT AMP BOARD, COMPLETE (TH) *****		JR502	1-216-864-11	METAL CHIP 0 5% 1/10W	(TH)
		< CAPACITOR >				< TRANSISTOR >	
C501	1-126-964-11	ELECT 10uF 20.00% 50V		Q501	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16	
C502	1-162-962-11	CERAMIC CHIP 470PF 10% 50V		Q521	8-729-140-84	TRANSISTOR 2SC1841TP-PAFAEA	
C503	1-126-947-11	ELECT 47uF 20.00% 16V		Q533	8-729-271-31	TRANSISTOR 2SC2713G-TE85L	
C504	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		Q534	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
C505	1-162-974-11	CERAMIC CHIP 0.01uF 50V		Q535	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
C508	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		Q536	8-729-216-31	TRANSISTOR 2SA1163G-TE85L	
C521	1-131-992-91	CERAMIC CHIP 100000PF 35V		Q537	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
C522	1-131-992-91	CERAMIC CHIP 100000PF 35V		Q551	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16	
C531	1-128-560-11	ELECT 22uF 20.00% 100V		Q571	8-729-140-84	TRANSISTOR 2SC1841TP-PAFAEA	
C532	1-128-560-11	ELECT 22uF 20.00% 100V				< RESISTOR >	
C533	1-126-967-11	ELECT 47uF 20.00% 50V		R500	1-216-833-11	METAL CHIP 10K 5% 1/10W	
C534	1-128-562-11	ELECT 47uF 20.00% 100V		R501	1-216-825-11	METAL CHIP 2.2K 5% 1/10W	
C551	1-126-964-11	ELECT 10uF 20.00% 50V		R502	1-216-845-11	METAL CHIP 100K 5% 1/10W	
C552	1-162-962-11	CERAMIC CHIP 470PF 10% 50V		R503	1-216-833-11	METAL CHIP 10K 5% 1/10W	
C553	1-126-947-11	ELECT 47uF 20.00% 16V		R504	1-216-821-11	METAL CHIP 1K 5% 1/10W	
C554	1-162-960-11	CERAMIC CHIP 220PF 10% 50V		R505	1-216-841-11	METAL CHIP 47K 5% 1/10W	
C571	1-131-992-91	CERAMIC CHIP 100000PF 35V		R506	1-202-922-91	METAL CHIP 110 5% 1/10W	(AEP, UK, RU)
C572	1-131-992-91	CERAMIC CHIP 100000PF 35V		R506	1-216-810-91	METAL FILM 120 5% 1/10W	(EXCEPT AEP, UK, RU)
		< CONNECTOR >		R507	1-216-833-11	METAL CHIP 10K 5% 1/10W	
* CN501	1-506-486-11	PIN, CONNECTOR 7P		R510	1-216-839-11	METAL CHIP 33K 5% 1/10W	
* CN502	1-564-523-11	PLUG, CONNECTOR 8P				< DIODE >	
		< DIODE >		R521	1-216-821-11	METAL CHIP 1K 5% 1/10W	
D501	8-719-988-61	DIODE 1SS355TE-17		R522	1-220-894-11	METAL 0.22 10% 5W	
D504	8-719-083-63	DIODE UDZSTE-1713B		R523	1-216-841-11	METAL CHIP 47K 5% 1/10W	
D505	8-719-083-63	DIODE UDZSTE-1713B		R524	1-249-625-31	CARBON 10 5% 1/2W	
D521	8-719-988-61	DIODE 1SS355TE-17		R525	1-216-847-11	METAL CHIP 150K 5% 1/10W	
D532	8-719-988-61	DIODE 1SS355TE-17				< RESISTOR >	
		< RESISTOR >		R526	1-216-835-11	METAL CHIP 15K 5% 1/10W	
D571	8-719-988-61	DIODE 1SS355TE-17		R530	1-216-809-11	METAL CHIP 100 5% 1/10W	
				Δ R531	1-217-637-00	FUSIBLE 1 5% 1/4W	
				R534	1-216-837-11	METAL CHIP 22K 5% 1/10W	
				Δ R535	1-212-881-11	FUSIBLE 100 5% 1/4W	
				Δ R537	1-212-881-11	FUSIBLE 100 5% 1/4W	

FRONT AMP

SURROUND AMP

Ref. No.	Part No.	Description	Remarks
R539	1-216-839-11	METAL CHIP 33K 5%	1/10W
R540	1-216-845-11	METAL CHIP 100K 5%	1/10W
R541	1-216-841-11	METAL CHIP 47K 5%	1/10W
R542	1-216-845-11	METAL CHIP 100K 5%	1/10W
R543	1-216-843-11	METAL CHIP 68K 5%	1/10W
R544	1-216-845-11	METAL CHIP 100K 5%	1/10W
R545	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R546	1-216-841-11	METAL CHIP 47K 5%	1/10W
R547	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R548	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R551	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R552	1-216-845-11	METAL CHIP 100K 5%	1/10W
R553	1-216-833-11	METAL CHIP 10K 5%	1/10W
R554	1-216-821-11	METAL CHIP 1K 5%	1/10W
R555	1-216-841-11	METAL CHIP 47K 5%	1/10W
R556	1-202-922-91	METAL CHIP 110 5%	1/10W (AEP, UK, RU)
R556	1-216-810-91	METAL FILM 120 5%	1/10W (EXCEPT AEP, UK, RU)
R557	1-216-833-11	METAL CHIP 10K 5%	1/10W
R571	1-216-821-11	METAL CHIP 1K 5%	1/10W
R572	1-220-894-11	METAL 0.22 10%	5W
R573	1-216-841-11	METAL CHIP 47K 5%	1/10W
R574	1-249-625-31	CARBON 10 5%	1/2W
R575	1-216-847-11	METAL CHIP 150K 5%	1/10W
R576	1-216-835-11	METAL CHIP 15K 5%	1/10W
< THERMISTOR >			
TH531	1-807-796-11	THERMISTOR	

A-4732-226-A	SURROUND AMP BOARD, COMPLETE (AEP, UK, RU)		

A-4732-236-A	SURROUND AMP BOARD, COMPLETE (E2, E3, E15, EA, MY, SP, PH)		

A-4732-266-A	SURROUND AMP BOARD, COMPLETE (AUS)		

A-4734-576-A	SURROUND AMP BOARD, COMPLETE (KR)		

A-4734-591-A	SURROUND AMP BOARD, COMPLETE (TH)		

7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S (EXCEPT TH)		
< CAPACITOR >			
C701	1-126-964-11	ELECT 10uF 20.00%	50V
C702	1-162-962-11	CERAMIC CHIP 470PF 10%	50V
C703	1-126-967-11	ELECT 47uF 20.00%	50V
C704	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C708	1-162-974-11	CERAMIC CHIP 0.01uF	50V
C709	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C712	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C713	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C731	1-126-964-11	ELECT 10uF 20.00%	50V
C732	1-162-962-11	CERAMIC CHIP 470PF 10%	50V
C733	1-126-967-11	ELECT 47uF 20.00%	50V
C734	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C742	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C743	1-164-156-11	CERAMIC CHIP 0.1uF	25V

Ref. No.	Part No.	Description	Remarks
C751	1-126-964-11	ELECT 10uF 20.00%	50V
C752	1-162-962-11	CERAMIC CHIP 470PF 10%	50V
C753	1-126-967-11	ELECT 47uF 20.00%	50V
C754	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C762	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C763	1-164-156-11	CERAMIC CHIP 0.1uF	25V
C771	1-126-965-91	ELECT 22uF 20.00%	50V
< CONNECTOR >			
CN605	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P (EXCEPT AEP, UK, RU)	
CN701	1-785-332-11	PIN, CONNECTOR (LIGHT ANGLE) 6P	
< DIODE >			
D711	8-719-988-61	DIODE 1SS355TE-17	
D741	8-719-988-61	DIODE 1SS355TE-17	
D742	8-719-988-61	DIODE 1SS355TE-17	
D761	8-719-988-61	DIODE 1SS355TE-17	
< TERMINAL >			
* EP701	1-537-738-21	TERMINAL, EARTH	
< IC >			
IC701	6-600-173-01	IC STK403-240	
< TRANSISTOR >			
Q701	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16	
Q711	8-729-119-78	TRANSISTOR 2SC2785TP-HFE	
Q731	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16	
Q741	8-729-119-78	TRANSISTOR 2SC2785TP-HFE	
Q751	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16	
Q761	8-729-119-78	TRANSISTOR 2SC2785TP-HFE	
< RESISTOR >			
R700	1-216-833-11	METAL CHIP 10K 5%	1/10W
R701	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R702	1-216-845-11	METAL CHIP 100K 5%	1/10W
R703	1-216-821-11	METAL CHIP 1K 5%	1/10W
R704	1-216-821-11	METAL CHIP 1K 5%	1/10W
R705	1-216-841-11	METAL CHIP 47K 5%	1/10W
R706	1-216-819-11	METAL CHIP 680 5%	1/10W
R711	1-216-841-11	METAL CHIP 47K 5%	1/10W
R712	1-216-835-11	METAL CHIP 15K 5%	1/10W
R713	1-216-821-11	METAL CHIP 1K 5%	1/10W
R714	1-220-755-11	METAL 0.22 10%	2W
R715	1-216-845-11	METAL CHIP 100K 5%	1/10W
R716	1-260-304-51	CARBON 10 5%	1/2W
R731	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R732	1-216-845-11	METAL CHIP 100K 5%	1/10W
R733	1-216-821-11	METAL CHIP 1K 5%	1/10W
R734	1-216-821-11	METAL CHIP 1K 5%	1/10W
R735	1-216-841-11	METAL CHIP 47K 5%	1/10W
R736	1-216-819-11	METAL CHIP 680 5%	1/10W
R741	1-216-841-11	METAL CHIP 47K 5%	1/10W
R742	1-216-835-11	METAL CHIP 15K 5%	1/10W
R743	1-216-821-11	METAL CHIP 1K 5%	1/10W

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SURROUND AMP

TC MAIN

Ref. No.	Part No.	Description	Quantity	Value	Remarks
R744	1-220-755-11	METAL	0.22	10%	2W
R745	1-216-845-11	METAL CHIP	100K	5%	1/10W
R746	1-260-304-51	CARBON	10	5%	1/2W
R751	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R752	1-216-845-11	METAL CHIP	100K	5%	1/10W
R753	1-216-821-11	METAL CHIP	1K	5%	1/10W
R754	1-216-821-11	METAL CHIP	1K	5%	1/10W
R755	1-216-841-11	METAL CHIP	47K	5%	1/10W
R756	1-216-819-11	METAL CHIP	680	5%	1/10W
R761	1-216-841-11	METAL CHIP	47K	5%	1/10W
R762	1-216-835-11	METAL CHIP	15K	5%	1/10W
R763	1-216-821-11	METAL CHIP	1K	5%	1/10W
R764	1-220-755-11	METAL	0.22	10%	2W
R765	1-216-845-11	METAL CHIP	100K	5%	1/10W
R766	1-260-304-51	CARBON	10	5%	1/2W
R773	1-216-833-11	METAL CHIP	10K	5%	1/10W
R774	1-219-786-11	FUSIBLE	22	5%	1/4W

A-4732-219-A TC MAIN BOARD, COMPLETE (AEP, UK, RU)					

A-4732-230-A TC MAIN BOARD, COMPLETE (E2)					

A-4732-246-A TC MAIN BOARD, COMPLETE					
(E3, E15, MY, SP, PH)					

A-4732-255-A TC MAIN BOARD, COMPLETE (EA)					

A-4732-261-A TC MAIN BOARD, COMPLETE (AUS)					

A-4734-571-A TC MAIN BOARD, COMPLETE (KR)					

A-4734-583-A TC MAIN BOARD, COMPLETE (TH)					

1-533-217-31 FUSE HOLDER					
1-690-880-31 LEAD (WITH CONNECTOR)					
< CAPACITOR >					
C103	1-162-974-11	CERAMIC CHIP	0.01uF		50V (AEP)
C104	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C104	1-162-974-11	CERAMIC CHIP	0.01uF		50V (AEP)
C105	1-130-777-00	MYLAR	0.1uF	5.00%	100V
C106	1-130-777-00	MYLAR	0.1uF	5.00%	100V
C107	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C108	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C109	1-126-974-11	ELECT	3300uF	20.00%	50V (EXCEPT E2)
C109	1-127-811-11	ELECT	3300uF	20%	50V (E2)
C110	1-126-974-11	ELECT	3300uF	20.00%	50V (EXCEPT E2)
C110	1-127-811-11	ELECT	3300uF	20%	50V (E2)
C111	1-135-516-11	ELECT	3300uF	20%	63V (AEP, UK, RU)
C111	1-135-517-11	ELECT	3300uF	20%	71V (E3, E15, EA, MY, SP, KR, TH, PH, AUS)
C111	1-127-813-11	ELECT	3300uF	20%	71V (E2)

Ref. No.	Part No.	Description	Quantity	Value	Remarks
C112	1-135-516-11	ELECT	3300uF	20%	63V (AEP, UK, RU)
C112	1-135-517-11	ELECT	3300uF	20%	71V (E3, E15, EA, MY, SP, KR, TH, PH, AUS)
C112	1-127-813-11	ELECT	3300uF	20%	71V (E2)
C113	1-128-548-11	ELECT	4700uF	20.00%	25V
C114	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C118	1-126-964-11	ELECT	10uF	20.00%	50V
C120	1-126-964-11	ELECT	10uF	20.00%	50V
C201	1-126-964-11	ELECT	10uF	20.00%	50V
C202	1-126-964-11	ELECT	10uF	20.00%	50V
C203	1-126-964-11	ELECT	10uF	20.00%	50V
C204	1-126-964-11	ELECT	10uF	20.00%	50V
C205	1-104-665-11	ELECT	100uF	20.00%	10V
C206	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C207	1-126-964-11	ELECT	10uF	20.00%	50V
C208	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C209	1-126-934-11	ELECT	220uF	20.00%	10V
C210	1-126-947-11	ELECT	47uF	20.00%	16V
C211	1-126-963-11	ELECT	4.7uF	20.00%	50V
C216	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C231	1-126-965-91	ELECT	22uF	20.00%	50V
C232	1-126-965-91	ELECT	22uF	20.00%	50V
C251	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C252	1-126-964-11	ELECT	10uF	20.00%	50V
C253	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C255	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C301	1-137-150-11	MYLAR	0.01uF	5.00%	100V
C302	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C303	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C304	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C305	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C306	1-126-947-11	ELECT	47uF	20.00%	16V
C307	1-126-959-11	ELECT	0.47uF	20.00%	50V
C308	1-126-965-91	ELECT	22uF	20.00%	50V
C309	1-104-665-11	ELECT	100uF	20.00%	10V
C310	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C311	1-126-934-11	ELECT	220uF	20.00%	10V
C312	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C313	1-126-965-91	ELECT	22uF	20.00%	50V
C314	1-130-481-00	MYLAR	0.0068uF	5%	50V
C315	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C316	1-126-959-11	ELECT	0.47uF	20.00%	50V
C317	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C318	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C319	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C320	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C321	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C322	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C323	1-126-960-11	ELECT	1uF	20.00%	50V
C324	1-126-964-11	ELECT	10uF	20.00%	50V
C325	1-126-964-11	ELECT	10uF	20.00%	50V
C326	1-104-665-11	ELECT	100uF	20.00%	10V
C327	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C328	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C329	1-137-503-11	MYLAR	0.0001uF	5.00%	50V
C330	1-137-503-11	MYLAR	0.0001uF	5.00%	50V

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C331	1-126-963-11	ELECT	4.7uF 20.00% 50V	D203	8-719-069-56	DIODE UDZSTE-176.2B	
C332	1-126-963-11	ELECT	4.7uF 20.00% 50V	D204	8-719-069-57	DIODE UDZSTE-6.8B	
C333	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	D205	6-500-522-31	DIODE 10EDB40-TB5 (EXCEPT TH)	
C334	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	D205	6-500-522-21	DIODE 10EDB40-TB3 (TH)	
C337	1-162-961-11	CERAMIC CHIP	330PF 10% 50V	D207	6-500-522-31	DIODE 10EDB40-TB5 (EXCEPT TH)	
C338	1-162-961-11	CERAMIC CHIP	330PF 10% 50V	D207	6-500-522-21	DIODE 10EDB40-TB3 (TH)	
C351	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	D208	6-500-522-31	DIODE 10EDB40-TB5 (EXCEPT TH)	
C352	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	D208	6-500-522-21	DIODE 10EDB40-TB3 (TH)	
C353	1-126-935-11	ELECT	470uF 20.00% 16V	D209	8-719-988-61	DIODE 1SS355TE-17	
C354	1-126-964-11	ELECT	10uF 20.00% 50V	D251	8-719-988-61	DIODE 1SS355TE-17	
C402	1-131-992-91	CERAMIC CHIP	100000PF 35V (AEP, UK, RU, KR)	D301	6-500-522-21	DIODE 10EDB40-TB3	
C403	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP, UK, RU, KR)	D351	8-719-988-61	DIODE 1SS355TE-17	
C404	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP, UK, RU, KR)	D352	8-719-988-61	DIODE 1SS355TE-17	
C405	1-131-992-91	CERAMIC CHIP	100000PF 35V (AEP, UK, RU, KR)	D401	8-719-988-61	DIODE 1SS355TE-17	
C406	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP, UK, RU, KR)	D402	8-719-988-61	DIODE 1SS355TE-17	
C407	1-131-992-91	CERAMIC CHIP	100000PF 35V (AEP, UK, RU, KR)	D403	8-719-988-61	DIODE 1SS355TE-17	
C408	1-131-992-91	CERAMIC CHIP	100000PF 35V (AEP, UK, RU, KR)	D404	8-719-988-61	DIODE 1SS355TE-17	
C409	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP, UK, RU, KR)	D911	8-719-988-61	DIODE 1SS355TE-17	
C410	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP, UK, RU, KR)			< IC >	
C411	1-164-156-11	CERAMIC CHIP	0.1uF 25V (AEP, UK, RU, KR)	IC201	6-703-610-01	IC RT8H015C-T112-1	
C412	1-162-974-11	CERAMIC CHIP	0.01uF 50V	IC251	6-703-679-11	IC PT8300R-TP	
C413	1-162-974-11	CERAMIC CHIP	0.01uF 50V	IC301	8-759-902-15	IC BA3402	
C414	1-162-974-11	CERAMIC CHIP	0.01uF 50V	IC302	8-759-394-36	IC BA09T	
C415	1-162-974-11	CERAMIC CHIP	0.01uF 50V	IC303	8-759-422-21	IC NJM4580V (TE2)	
C601	1-164-156-11	CERAMIC CHIP	0.1uF 25V			< COIL >	
C602	1-164-156-11	CERAMIC CHIP	0.1uF 25V	L302	1-414-857-51	INDUCTOR 100uH (EXCEPT TH)	
C603	1-162-974-11	CERAMIC CHIP	0.01uF 50V	L302	1-414-189-31	INDUCTOR 100uH (TH)	
		< CONNECTOR >		L303	1-410-780-11	INDUCTOR 27MH	
CN102	1-691-771-11	PLUG (MICRO CONNECTOR) 9P		L304	1-410-780-11	INDUCTOR 27MH	
* CN204	1-564-518-11	PLUG, CONNECTOR 3P		L401	1-420-872-52	COIL, AIR-CORE (AEP, UK, RU, KR)	
CN205	1-793-351-11	SOCKET, CONNECTOR 19P		L402	1-420-872-52	COIL, AIR-CORE (AEP, UK, RU, KR)	
CN206	1-794-498-11	SOCKET, CONNECTOR 20P		L403	1-420-872-52	COIL, AIR-CORE (AEP, UK, RU, KR)	
* CN301	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P		L404	1-420-872-52	COIL, AIR-CORE (AEP, UK, RU, KR)	
* CN302	1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P		L405	1-420-872-52	COIL, AIR-CORE (AEP, UK, RU, KR)	
CN351	1-784-774-11	CONNECTOR, FFC 13P		L601	1-414-857-51	INDUCTOR 100uH(EXCEPT TH)	
CN401	1-691-769-11	PLUG (MICRO CONNECTOR) 7P		L601	1-414-189-31	INDUCTOR 100uH (TH)	
CN602	1-785-314-11	PIN, CONNECTOR (STRAIGHT) 2P				< TRANSISTOR >	
CN604	1-774-108-11	PIN, CONNECTOR (PC BOARD)		Q101	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
CN605	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P (AEP, UK, RU)		Q202	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
		< DIODE >		Q203	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
D101	8-719-500-60	DIODE D5SBA20		Q204	8-729-027-23	TRANSISTOR DTA114EKA-T146	
D102	8-719-500-60	DIODE D5SBA20		Q205	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
D103	8-719-028-23	DIODE D3SBA20-4101		Q206	8-729-900-53	TRANSISTOR DTC114EKA-T146	
D111	8-719-083-58	DIODE UDZSTE-173.9B		Q209	8-729-026-68	TRANSISTOR 2SD2525(TP)	
D201	8-719-988-61	DIODE 1SS355TE-17		Q211	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
D202	8-719-988-61	DIODE 1SS355TE-17		Q212	8-729-120-28	TRANSISTOR 2SC1623-T1-L5L6	
				Q213	8-729-900-53	TRANSISTOR DTC114EKA-T146	
				Q301	8-729-142-46	TRANSISTOR 2SC2001TP-LK	
				Q302	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16	
				Q303	8-729-141-73	TRANSISTOR 2SC3624A-T1L15L16	
				Q304	8-729-040-20	TRANSISTOR RT1P137L-TP	
				Q305	8-729-900-53	TRANSISTOR DTC114EKA-T146	
				Q306	8-729-900-53	TRANSISTOR DTC114EKA-T146	
				Q307	8-729-027-23	TRANSISTOR DTA114EKA-T146	
				Q308	8-729-900-53	TRANSISTOR DTC114EKA-T146	

DXA-WZ8D

TC MAIN

Ref. No.	Part No.	Description	Remarks
Q309	8-729-900-53	TRANSISTOR	DTC114EKA-T146
Q310	8-729-216-22	TRANSISTOR	2SA812-T1-M5M6
Q311	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q312	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q313	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q314	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q351	8-729-140-04	TRANSISTOR	2SB1116-TP-LK
Q352	8-729-140-04	TRANSISTOR	2SB1116-TP-LK
Q353	8-729-140-04	TRANSISTOR	2SB1116-TP-LK
Q354	8-729-900-53	TRANSISTOR	DTC114EKA-T146
Q355	8-729-900-53	TRANSISTOR	DTC114EKA-T146
Q356	8-729-900-53	TRANSISTOR	DTC114EKA-T146
Q401	8-729-120-28	TRANSISTOR	2SC1623-T1-L5L6
Q403	8-729-141-73	TRANSISTOR	2SC3624A
Q601	8-729-120-28	TRANSISTOR	2SC1623-T1-L5L6
< RESISTOR >			
R103	1-216-845-11	METAL CHIP	100K 5% 1/10W
R104	1-216-845-11	METAL CHIP	100K 5% 1/10W
R128	1-216-821-11	METAL CHIP	1K 5% 1/10W
R201	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R202	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R203	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R204	1-216-845-11	METAL CHIP	100K 5% 1/10W
R205	1-216-837-11	METAL CHIP	22K 5% 1/10W
R206	1-216-833-11	METAL CHIP	10K 5% 1/10W
R207	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R209	1-216-809-11	METAL CHIP	100 5% 1/10W
R210	1-216-821-11	METAL CHIP	1K 5% 1/10W
R211	1-216-821-11	METAL CHIP	1K 5% 1/10W
R212	1-216-821-11	METAL CHIP	1K 5% 1/10W
R213	1-216-864-11	METAL CHIP	0 5% 1/10W
R216	1-216-849-11	METAL CHIP	220K 5% 1/10W
R217	1-216-837-11	METAL CHIP	22K 5% 1/10W
R218	1-216-809-11	METAL CHIP	100 5% 1/10W
R219	1-216-837-11	METAL CHIP	22K 5% 1/10W
R220	1-216-841-11	METAL CHIP	47K 5% 1/10W
R221	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R231	1-216-845-11	METAL CHIP	100K 5% 1/10W
R232	1-216-837-11	METAL CHIP	22K 5% 1/10W
R251	1-216-809-11	METAL CHIP	100 5% 1/10W
R252	1-216-809-11	METAL CHIP	100 5% 1/10W
R253	1-216-809-11	METAL CHIP	100 5% 1/10W
R254	1-216-821-11	METAL CHIP	1K 5% 1/10W
R255	1-216-809-11	METAL CHIP	100 5% 1/10W
R256	1-216-809-11	METAL CHIP	100 5% 1/10W
R257	1-216-809-11	METAL CHIP	100 5% 1/10W
R258	1-216-809-11	METAL CHIP	100 5% 1/10W
R259	1-216-809-11	METAL CHIP	100 5% 1/10W
R260	1-216-809-11	METAL CHIP	100 5% 1/10W
R261	1-216-809-11	METAL CHIP	100 5% 1/10W
R262	1-216-809-11	METAL CHIP	100 5% 1/10W
R263	1-216-833-11	METAL CHIP	10K 5% 1/10W
R264	1-216-833-11	METAL CHIP	10K 5% 1/10W
R302	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R303	1-216-851-11	METAL CHIP	330K 5% 1/10W
R304	1-216-834-11	METAL CHIP	12K 5% 1/10W

Ref. No.	Part No.	Description	Remarks
R305	1-216-805-11	METAL CHIP	47 5% 1/10W
R306	1-216-809-11	METAL CHIP	100 5% 1/10W
R307	1-216-833-11	METAL CHIP	10K 5% 1/10W
R308	1-216-809-11	METAL CHIP	100 5% 1/10W
R309	1-216-851-11	METAL CHIP	330K 5% 1/10W
R310	1-216-834-11	METAL CHIP	12K 5% 1/10W
R311	1-216-797-11	METAL CHIP	10 5% 1/10W
R312	1-216-803-11	METAL CHIP	33 5% 1/10W
R313	1-216-832-11	METAL CHIP	8.2K 5% 1/10W
R314	1-216-841-11	METAL CHIP	47K 5% 1/10W
R315	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R316	1-216-832-11	METAL CHIP	8.2K 5% 1/10W
R317	1-216-833-11	METAL CHIP	10K 5% 1/10W
R318	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R319	1-216-833-11	METAL CHIP	10K 5% 1/10W
R320	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R321	1-216-821-11	METAL CHIP	1K 5% 1/10W
R322	1-216-821-11	METAL CHIP	1K 5% 1/10W
R323	1-216-821-11	METAL CHIP	1K 5% 1/10W
R324	1-216-821-11	METAL CHIP	1K 5% 1/10W
R325	1-216-833-11	METAL CHIP	10K 5% 1/10W
R326	1-216-835-11	METAL CHIP	15K 5% 1/10W
R327	1-216-809-11	METAL CHIP	100 5% 1/10W
R328	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R329	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R330	1-216-837-11	METAL CHIP	22K 5% 1/10W
R331	1-216-837-11	METAL CHIP	22K 5% 1/10W
R334	1-218-867-11	METAL CHIP	6.8K 5% 1/10W
R335	1-216-839-11	METAL CHIP	33K 5% 1/10W
R336	1-216-809-11	METAL CHIP	100 5% 1/10W
R337	1-218-867-11	METAL CHIP	6.8K 5% 1/10W
R338	1-216-839-11	METAL CHIP	33K 5% 1/10W
R339	1-216-809-11	METAL CHIP	100 5% 1/10W
R340	1-216-813-11	METAL CHIP	220 5% 1/10W
R341	1-216-813-11	METAL CHIP	220 5% 1/10W
R343	1-216-839-11	METAL CHIP	33K 5% 1/10W
R344	1-216-839-11	METAL CHIP	33K 5% 1/10W
R351	1-216-819-11	METAL CHIP	680 5% 1/10W
R352	1-216-819-11	METAL CHIP	680 5% 1/10W
R353	1-216-841-11	METAL CHIP	47K 5% 1/10W
R354	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R355	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R356	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R357	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R358	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R359	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R360	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R361	1-216-833-11	METAL CHIP	10K 5% 1/10W
R362	1-216-833-11	METAL CHIP	10K 5% 1/10W
R363	1-216-833-11	METAL CHIP	10K 5% 1/10W
R364	1-216-833-11	METAL CHIP	10K 5% 1/10W
R365	1-216-833-11	METAL CHIP	10K 5% 1/10W
R366	1-216-833-11	METAL CHIP	10K 5% 1/10W
R367	1-216-833-11	METAL CHIP	10K 5% 1/10W
R368	1-216-833-11	METAL CHIP	10K 5% 1/10W
R369	1-216-809-11	METAL CHIP	100 5% 1/10W
R370	1-216-809-11	METAL CHIP	100 5% 1/10W
R401	1-216-843-11	METAL CHIP	68K 5% 1/10W

Ref. No.	Part No.	Description	Remarks
R402	1-216-841-11	METAL CHIP	47K 5% 1/10W
R403	1-216-841-11	METAL CHIP	47K 5% 1/10W
R404	1-216-843-11	METAL CHIP	68K 5% 1/10W
R405	1-216-841-11	METAL CHIP	47K 5% 1/10W
△R406	1-215-859-51	METAL OXIDE	22 5% 1W (AEP, UK, RU)
△R406	1-216-360-51	METAL OXIDE	82 5% 1W
R408	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R409	1-216-833-11	METAL CHIP	10K 5% 1/10W
R410	1-216-845-11	METAL CHIP	100K 5% 1/10W
△R411	1-215-859-51	METAL OXIDE	22 5% 1W (AEP, UK, RU)
△R411	1-216-360-51	METAL OXIDE	82 5% 1W (EXCEPT AEP, UK, RU)
△R412	1-215-859-51	METAL OXIDE	22 5% 1W (AEP, UK, RU)
△R412	1-216-360-51	METAL OXIDE	82 5% 1W (EXCEPT AEP, UK, RU)
R413	1-216-837-11	METAL CHIP	22K 5% 1/10W
R414	1-216-821-11	METAL CHIP	1K 5% 1/10W
R415	1-216-837-11	METAL CHIP	22K 5% 1/10W
R417	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R419	1-216-833-11	METAL CHIP	10K 5% 1/10W
R420	1-216-841-11	METAL CHIP	47K 5% 1/10W
R421	1-216-841-11	METAL CHIP	47K 5% 1/10W
R422	1-216-841-11	METAL CHIP	47K 5% 1/10W
R423	1-216-841-11	METAL CHIP	47K 5% 1/10W
R424	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R425	1-216-841-11	METAL CHIP	47K 5% 1/10W
R426	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R427	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R428	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R429	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R430	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R431	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R432	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R433	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R434	1-260-304-51	CARBON	10 5% 1/2W (AEP, UK, RU, KR)
R601	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
< RELAY >			
RY401	1-755-416-12	RELAY	
RY402	1-755-372-11	RELAY	
RY403	1-755-416-12	RELAY	
△RY601	1-755-332-11	RELAY	
< SWITCH >			
△S601	1-771-291-31	SWITCH, POWER (VOLTAGE SELECTOR)	(E2, E3, E15, EA, MY, SP, PH)

Ref. No.	Part No.	Description	Remarks
< TRANSFORMER >			
T301	1-433-372-11	TRANSFORMER, BIAS OSCILLATION	
< TERMINAL >			
TM401	1-694-656-21	TERMINAL BOARD (6CH SPEAKER)	

MISCELLANEOUS			

△55	1-468-737-11	POWER, SWITCHING	
△56	1-769-079-12	CORD, POWER (KR)	
△56	1-775-786-41	CORD, POWER (UK)	
△56	1-775-790-51	CORD, POWER (AUS)	
△56	1-777-071-63	CORD, POWER (AEP, RU, EA, MY, SP, PH)	
△56	1-824-818-11	CORD, POWER (WITH CONNECTOR)(TH)	
△56	1-827-226-21	CORD, POWER (E2, E3, E15)	
59	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	
101	1-796-487-31	DECK, MECHANICAL	
△F101	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△F102	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△F103	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△F104	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V	
△F105	1-533-471-11	FUSE, GLASS TUBE (DIA. 4) T5AL/250V	
△F106	1-533-472-11	FUSE, GLASS TUBE (DIA. 5) T5AL/250V	
△F601	1-533-471-11	FUSE, GLASS TUBE (DIA. 5) T4AL/250V (E2, E3, E15, MY, SP, PH)	
△F601	1-533-473-11	FUSE, GLASS TUBE (DIA. 5) T6.3AL/250V (EA)	
△T302	1-439-643-11	TRANSFORMER, POWER (EA)	
△T302	1-439-644-11	TRANSFORMER, POWER (E2, E3, E15, MY, SP, KR, TH, PH, AUS)	
△T302	1-439-645-11	TRANSFORMER, POWER (AEP, UK, RU)	
△FAN301	1-763-488-31	FAN, DC	

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

