

TA-SA100WR

SERVICE MANUAL

Ver. 1.3 2008.09

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model



- TA-SA100WR is the surround amplifier section in WAHT-SA1 etc.
- EZW-RT10 or EZW-T100 is necessary to check S-AIR communication.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS for the US model

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 3 ohm loads,
both channels
driven, from 120 -
20,000 Hz; rated 50
watts per channel
minimum RMS
power, with no
more than 0.7 %
total harmonic
distortion from 250
milliwatts to rated
output.

Amplifier section

US model:

Surround mode (reference) RMS output power
: 143W (per
channel at 3 ohms,
1 kHz, 10 % THD)

Other models:

Stereo mode (rated)
80 W + 80 W (at
3 ohms, 1 kHz, 1 %
THD)

Surround mode (reference) RMS output power
: 143 W (per
channel at 3 ohms,
1 kHz, 10 % THD)

* Depending on the source, there may be no
sound output.

Rated impedance: 3 - 16 Ω

General

Power requirements:
North American and
Mexican models: 120 V AC, 60 Hz
Taiwan model: 120 V AC, 50/60 Hz
Latin American model: 110 V – 240 V AC,
50/60 Hz

Korean model: 220 V AC, 60 Hz
Thai model: 220 V AC, 50/60 Hz
Other models: 220 V – 240 V AC,
50/60 Hz

Power consumption
Dimensions (approx.)
On: 50 W
85 mm × 100 mm ×
330 mm
(3 3/8 in × 4 in ×
13 in) (w/h/d) (incl.
EZW-RT10)

85 mm × 100 mm ×
345 mm
(3 3/8 in × 4 in ×
13 5/8 in) (w/h/d)
incl. speaker cord
cover and speaker
cord holder
Mass (approx.)
1.7 kg (3 lb 12 oz)
incl. speaker cord
cover and speaker
cord holder

Design and specifications are subject to change
without notice.

“S-AIR” and its logo are trademarks of Sony
Corporation.

SURROUND AMPLIFIER

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.

Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

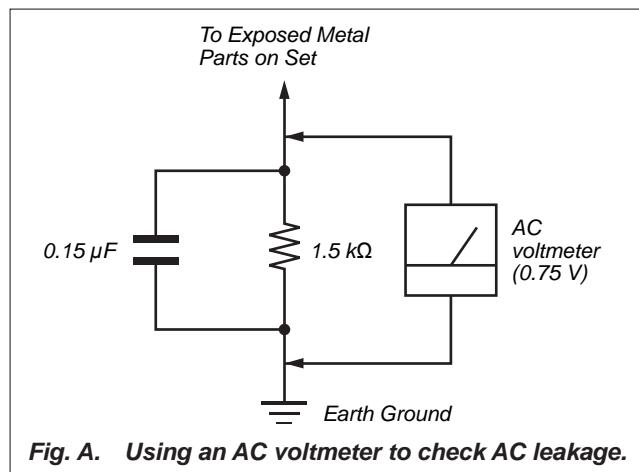


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY MARK ▲ OR DOTTED LINE WITH MARK ▲ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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**ATTENTION AU COMPOSANT AYANT RAPPORT
À LA SÉCURITÉ!**

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ▲ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1

SERVICING NOTES

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.

Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.

Soldering irons using a temperature regulator should be set to about 350 °C.

Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!

- Strong viscosity

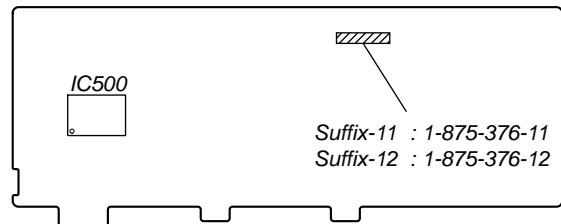
Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.

- Usable with ordinary solder

It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

SUFFIX-11/SUFFIX-12 DISCRIMINATION OF AMP BOARD

– AMP Board (Component Side) –



Checking the transmission status

You can check the status of sound transmission between the S-AIR main unit and surround amplifier by checking the POWER/ON LINE indicator on the surround amplifier.

| POWER/ON LINE indicator | Status |
|----------------------------|---|
| Turns green | Sound transmission is established. |
| Flashes green | Sound transmission is not established. For details, see "Troubleshooting". |
| Turns red | The surround amplifier does not output sound. For details, see "Troubleshooting". |
| Turns off | The surround amplifier turns off or its protection is active. For details, see "Troubleshooting". |

Troubleshooting

Sound

There is no sound.

Check the status of the POWER/ON LINE indicator on the surround amplifier.

– turns green

- The speaker cord is not connected securely.
- Check the speaker connections and settings.
- The volume of the S-AIR main unit is set to minimum.
- The S-AIR main unit is in mute status.
- Depending on the source or the settings of the S-AIR main unit, the effect of the speakers may be less noticeable.
- Headphones are connected.

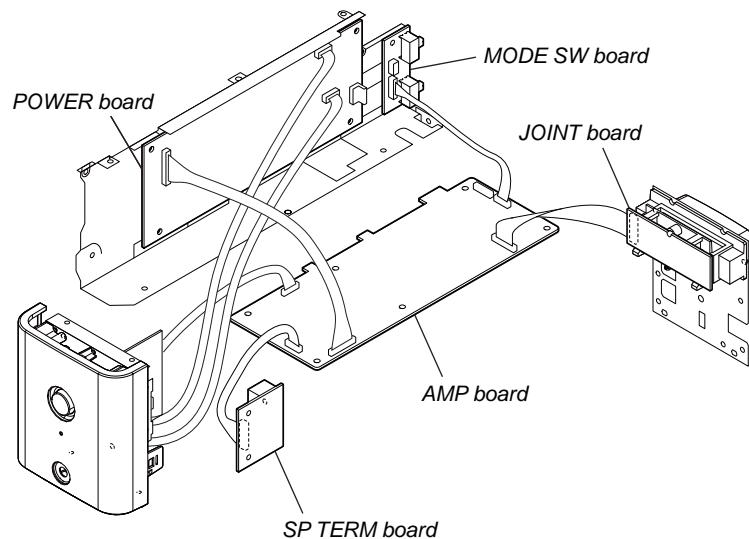
– flashes green

- The S-AIR main unit is not turned on.
- The S-AIR main unit is paired to another S-AIR product.
- The surround amplifier is paired to another S-AIR main unit.
- Confirm the IDs of the S-AIR main unit and surround amplifier.
- Pairing operation is not completed.
- Sound transmission is poor. Move the surround amplifier so that the POWER/ON LINE indicator turns green.
- Move the system away from any other wireless products.
- Stop using another wireless product.
- The wireless transceiver and/or the wireless transmitter are/is not inserted correctly.

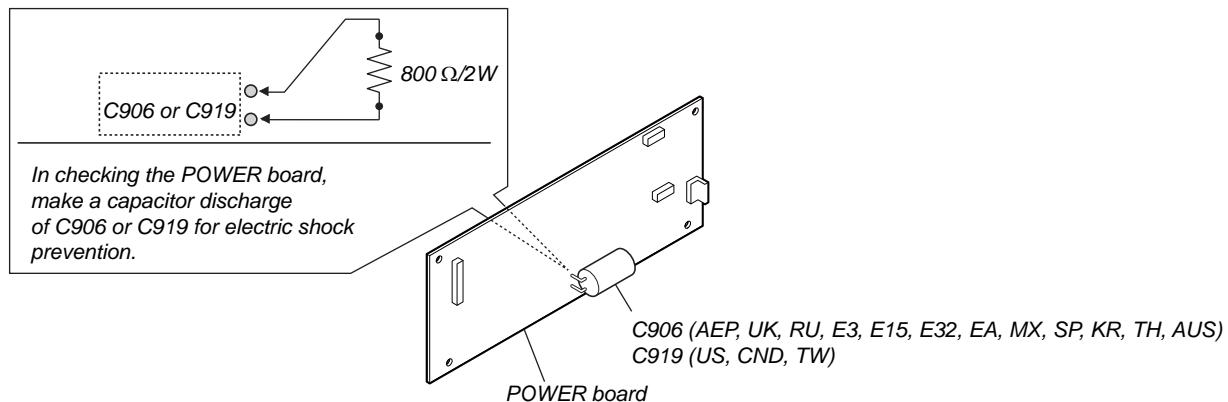
– turns red

- Change the SURROUND SELECTOR switch (SURROUND or SURROUND BACK) of the surround amplifier to match the S-AIR main unit.

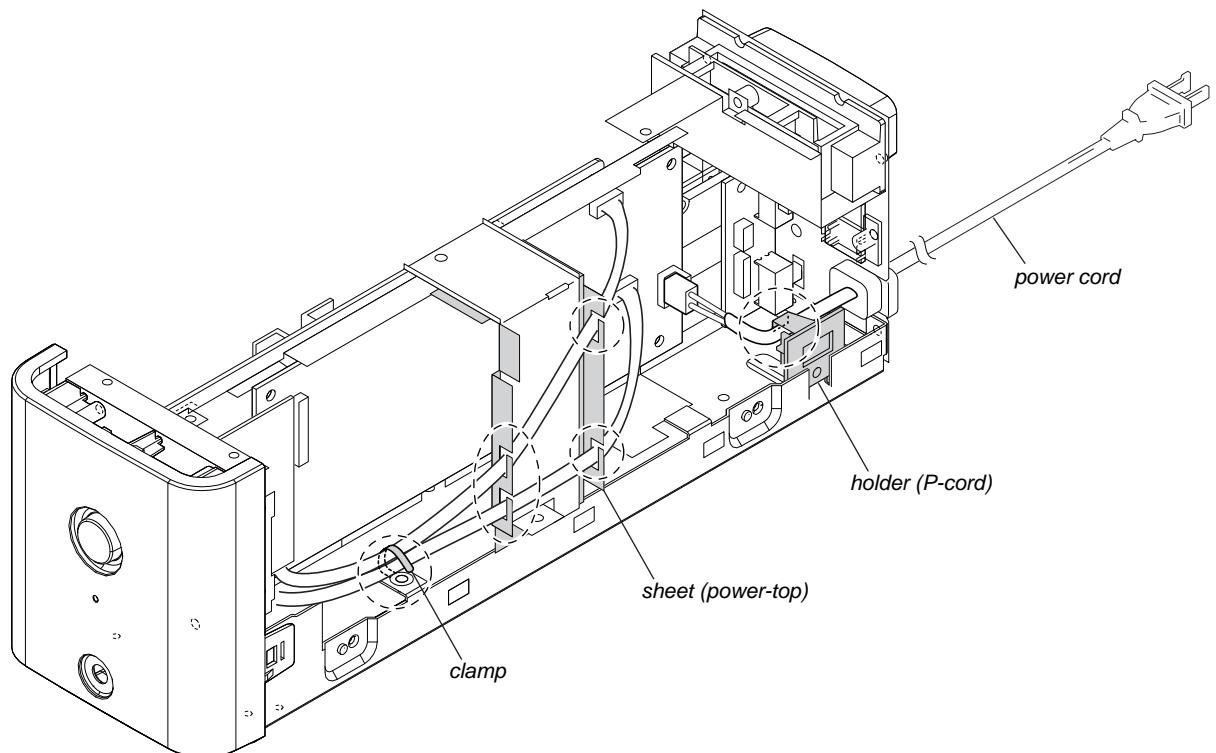
AMP BOARD SERVICE POSITION



CAPACITOR DISCHARGE



- Abbreviation
- | | |
|-----|----------------------------------|
| AUS | : Australian model |
| CND | : Canadian model |
| E3 | : 240V AC area in E model |
| E15 | : Iranian model |
| E32 | : 110V – 240V AC area in E model |
| EA | : Saudi Arabia model |
| KR | : Korean model |
| MX | : Mexican model |
| RU | : Russian model |
| SP | : Singapore model |
| TH | : Thai model |
| TW | : Taiwan model |

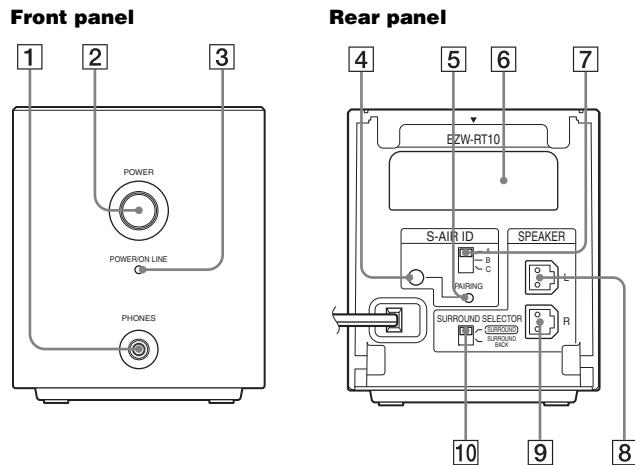
HARNESS SETTING

SECTION 2 GENERAL

This section is extracted
from instruction manual.

Index to Parts

Surround amplifier

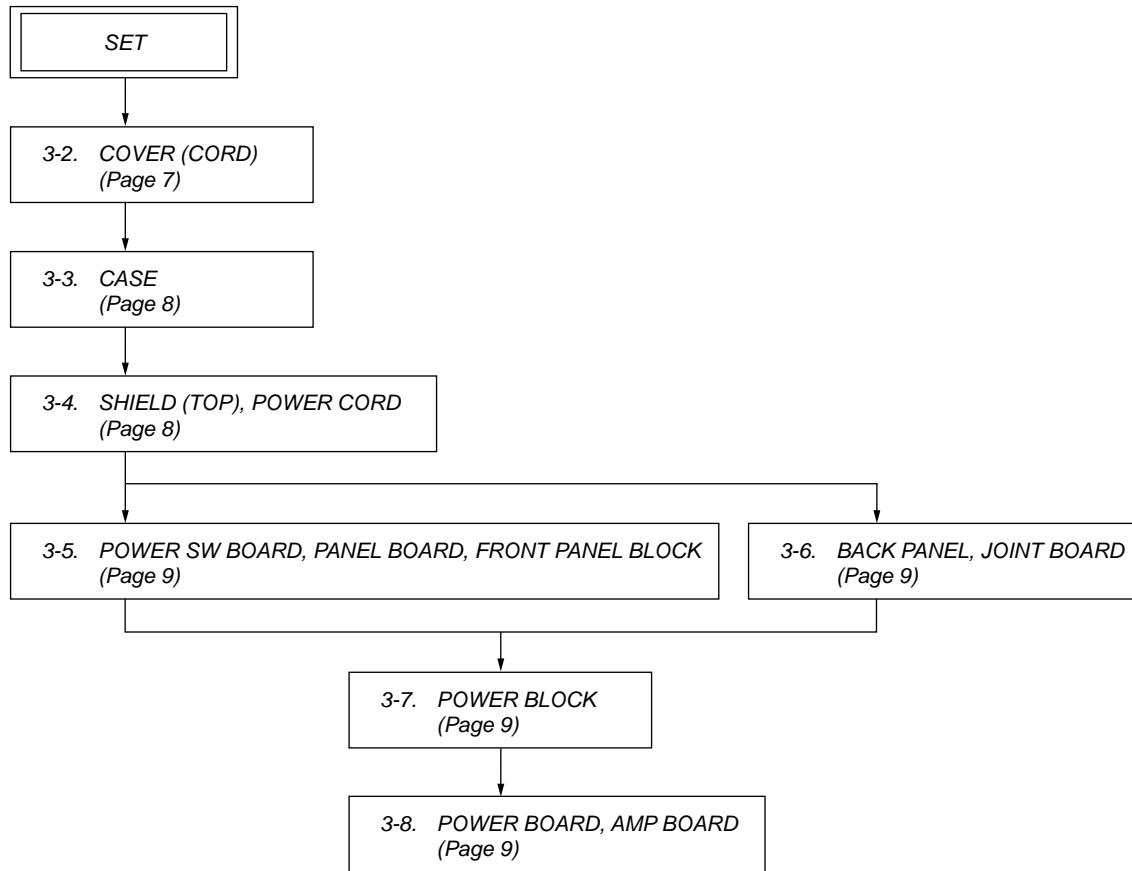


- 1** PHONES jack
- 2** POWER button (ON/OFF)
- 3** POWER / ON LINE indicator
- 4** PAIRING indicator
- 5** PAIRING button
- 6** Wireless transceiver (EZW-RT10) slot
- 7** S-AIR ID switch
- 8** SPEAKER L jack
- 9** SPEAKER R jack
- 10** SURROUND SELECTOR switch

SECTION 3 DISASSEMBLY

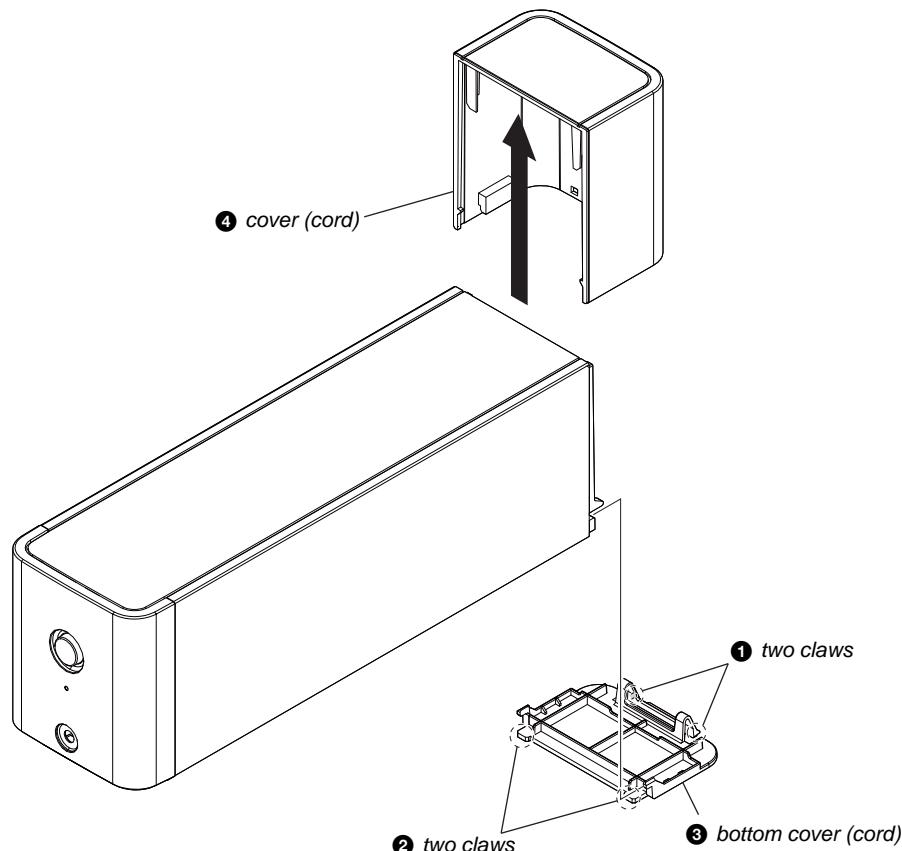
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

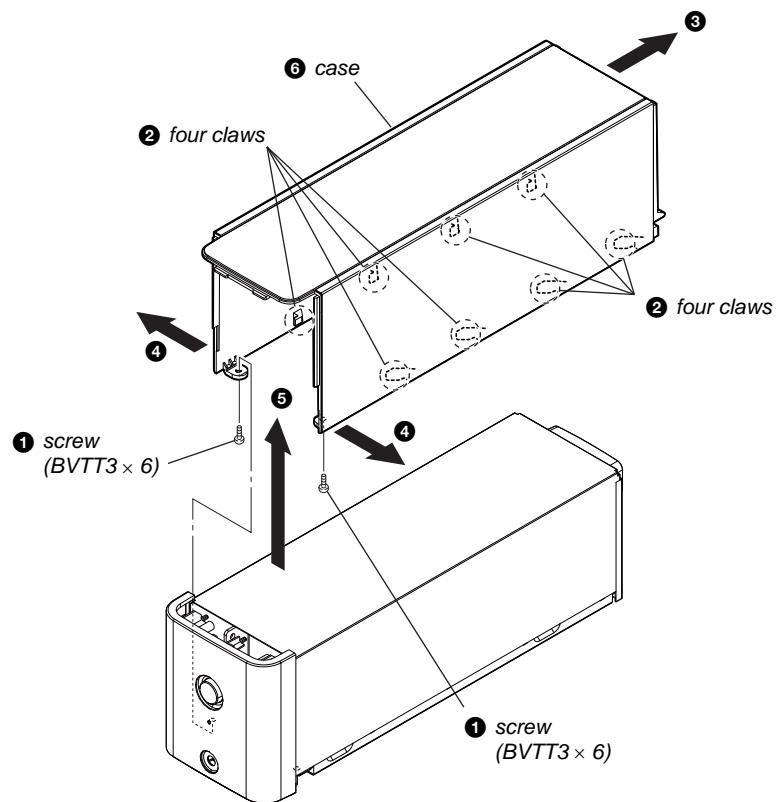


Note: Follow the disassembly procedure in the numerical order given.

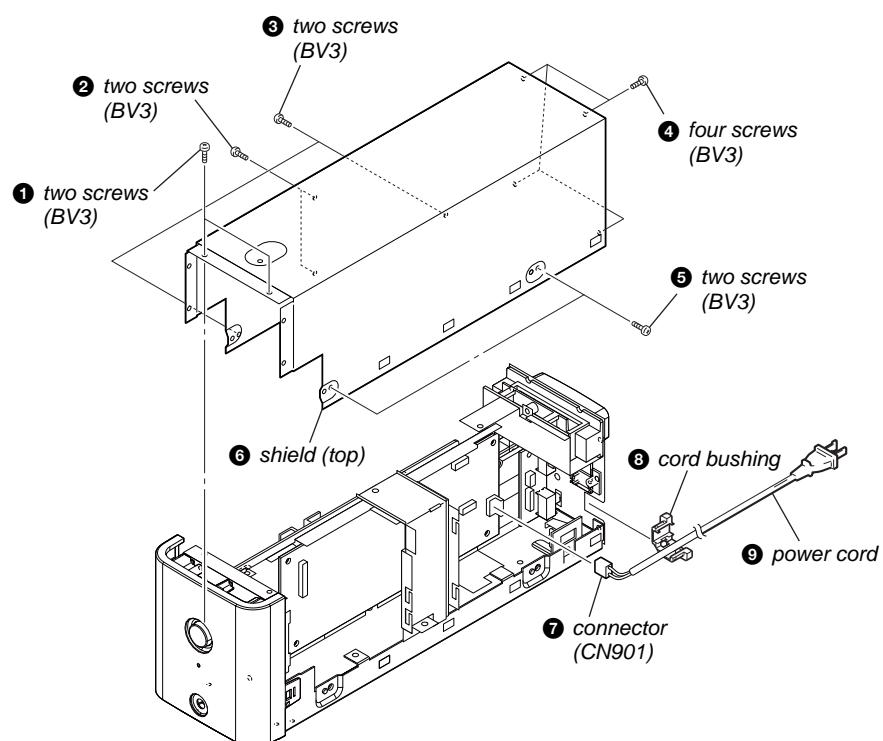
3-2. COVER (CORD)



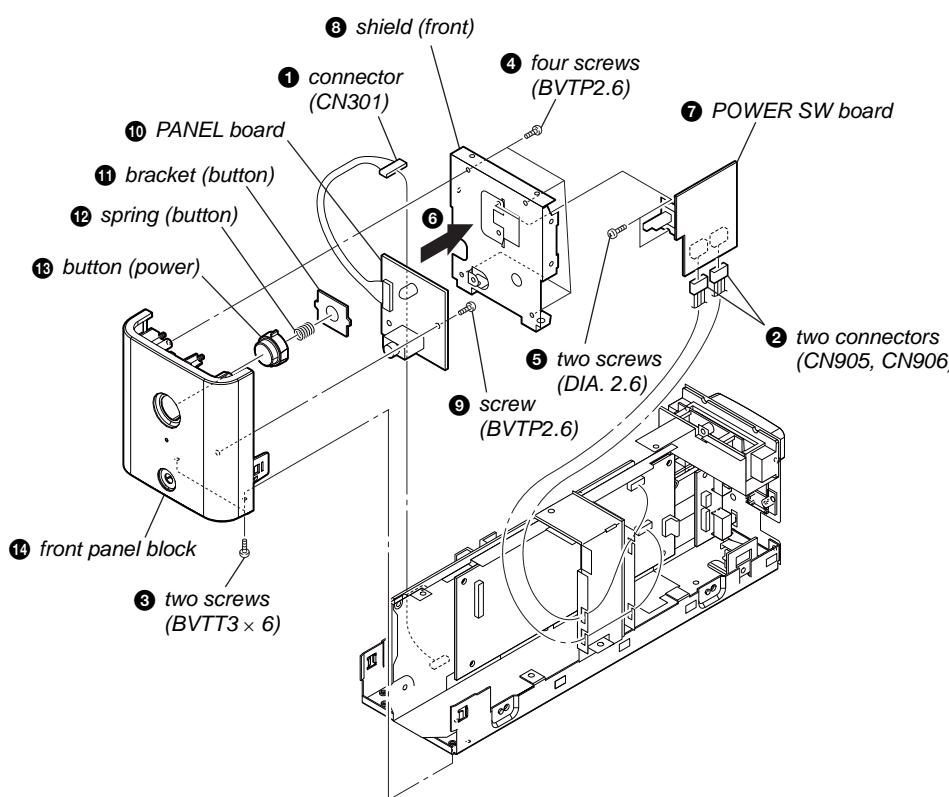
3-3. CASE



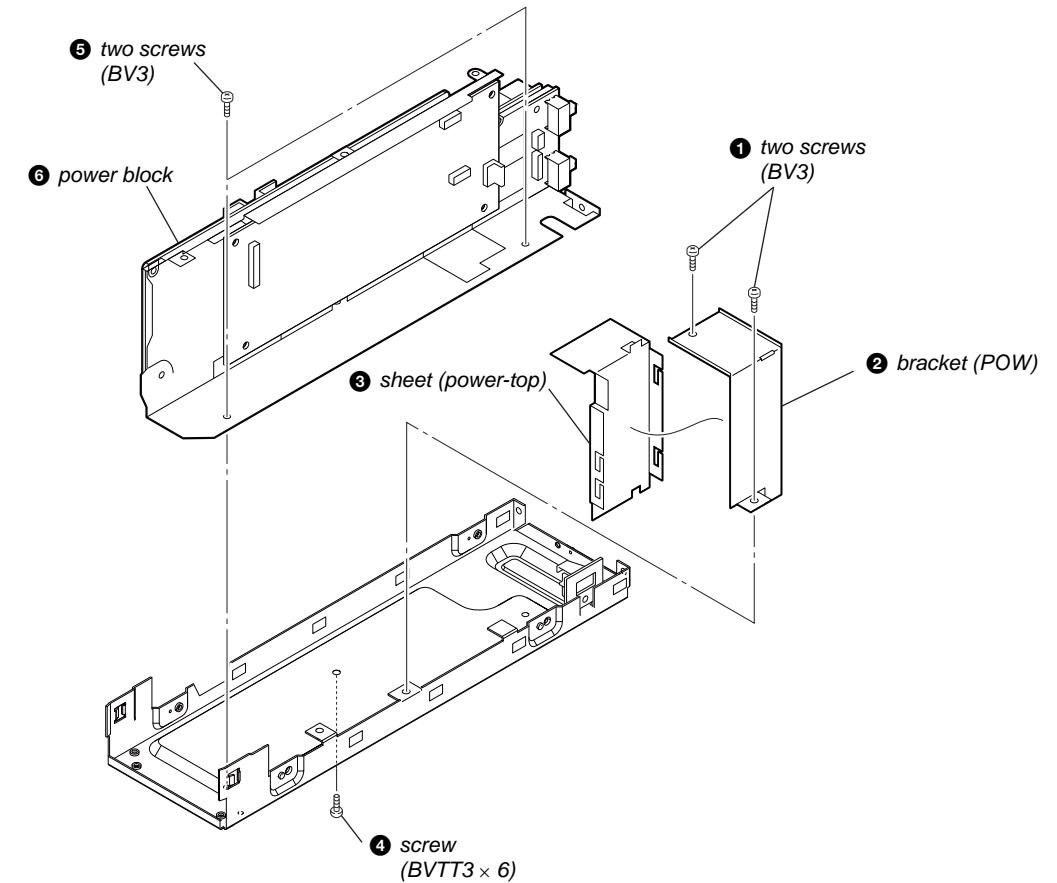
3-4. SHIELD (TOP), POWER CORD



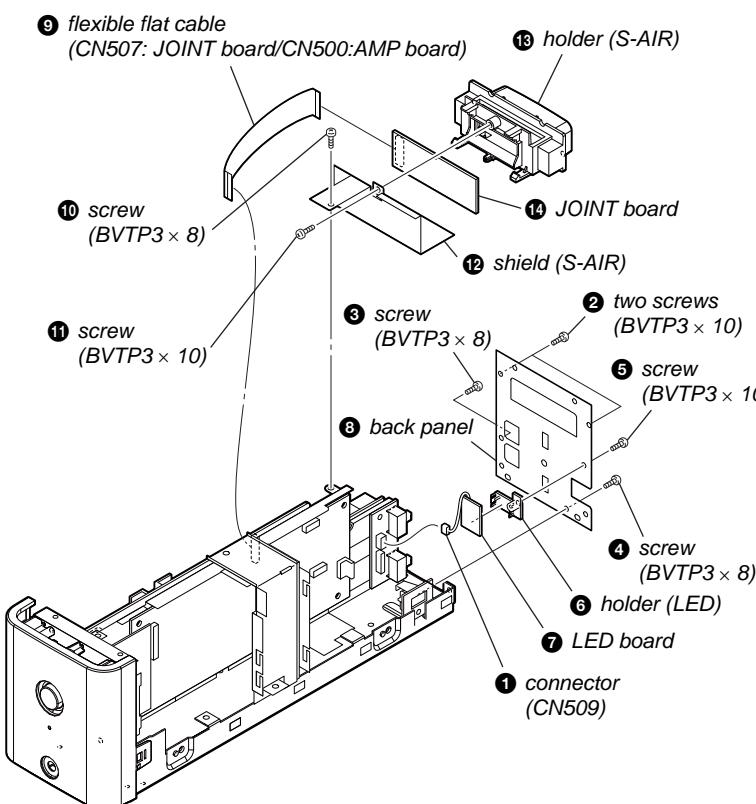
3-5. POWER SW BOARD, PANEL BOARD, FRONT PANEL BLOCK



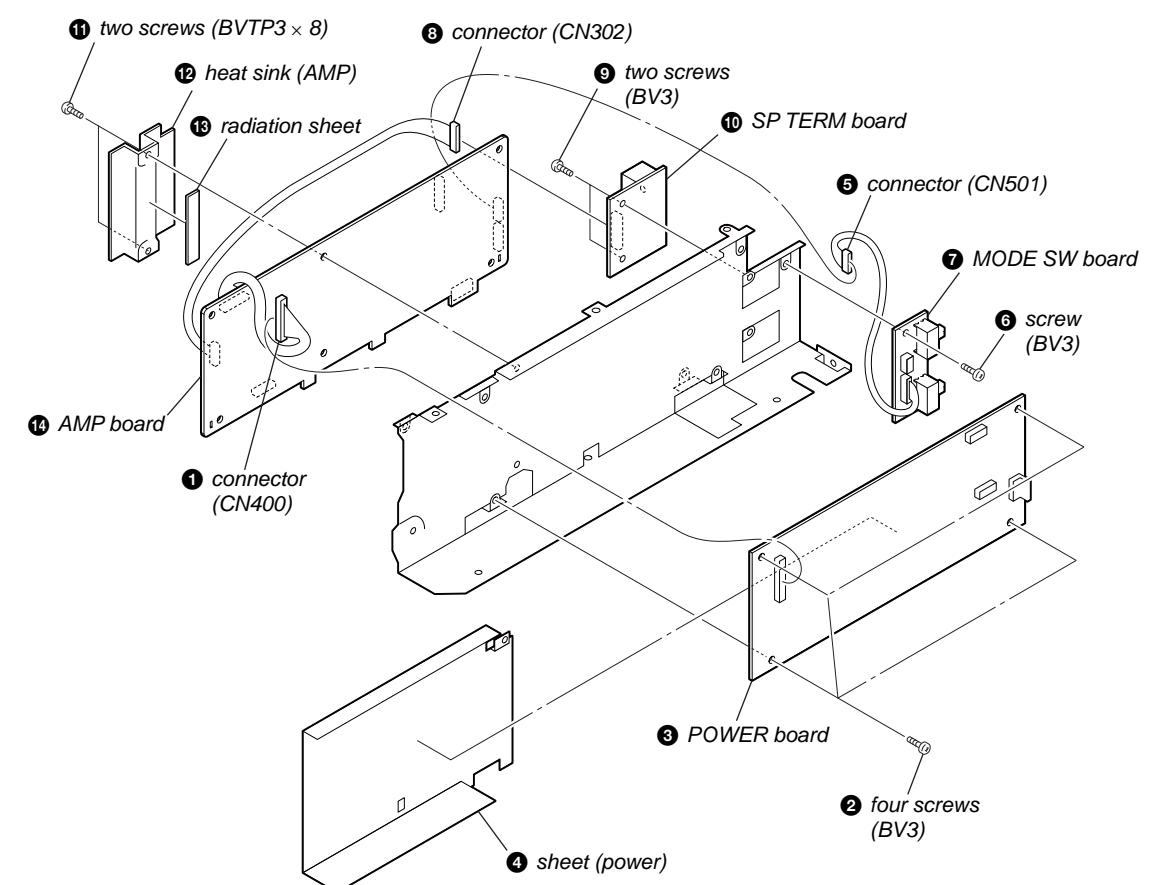
3-7. POWER BLOCK



3-6. BACK PANEL, JOINT BOARD

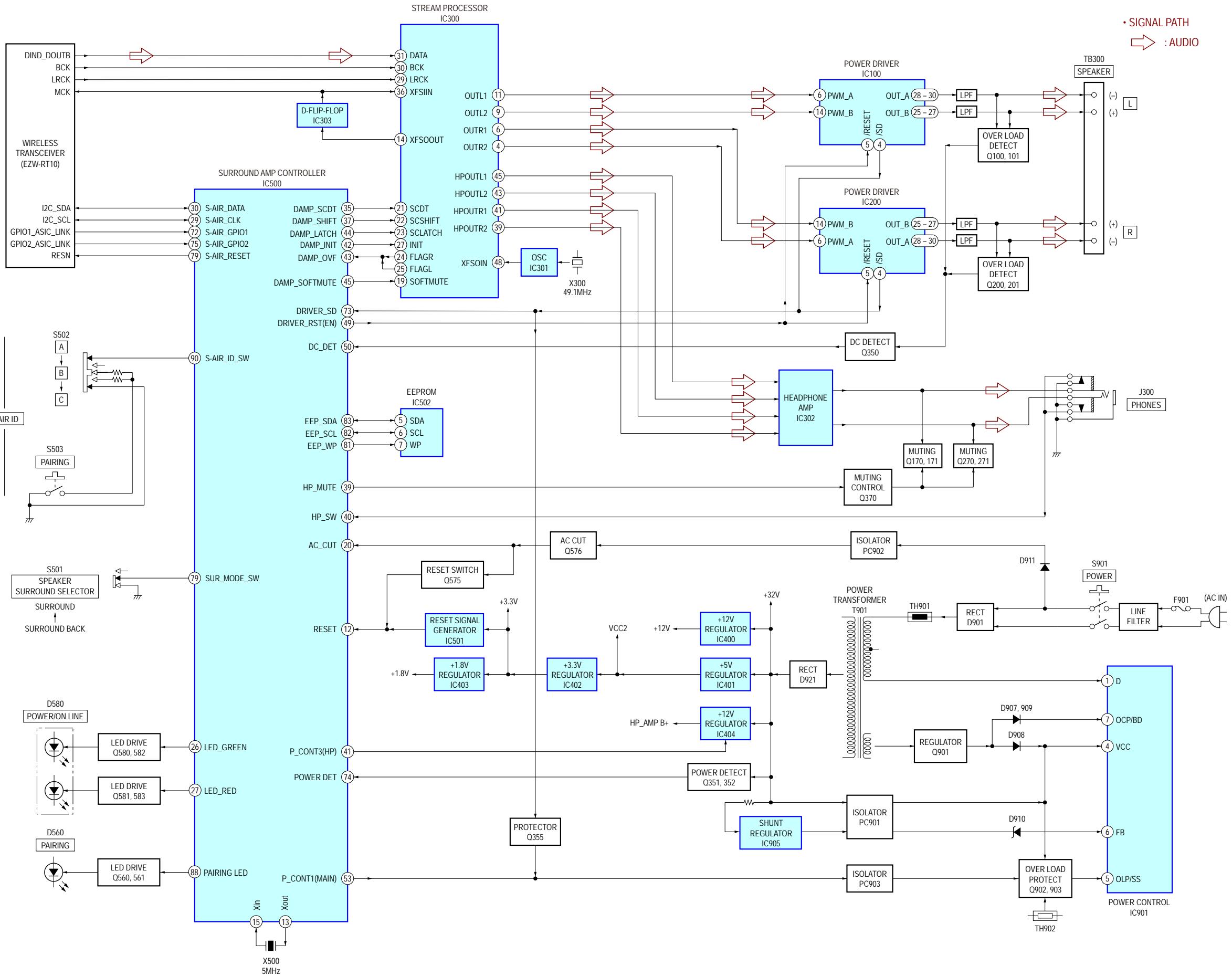


3-8. POWER BOARD, AMP BOARD



SECTION 4 DIAGRAMS

4-1. BLOCK DIAGRAM



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

For Printed Wiring Boards.

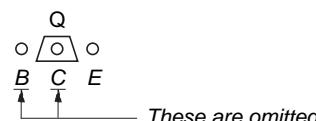
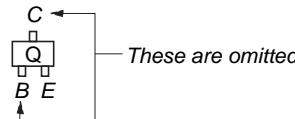
Note:

- : Parts extracted from the component side.
- : Parts extracted from the conductor side.
- Δ : internal component.
- : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated.)

Caution:

Parts face side: Parts on the parts face side seen from (Conductor Side) the pattern face are indicated.
Pattern face side: Parts on the pattern face side seen from (Component Side) the parts face are indicated.

- AMP board and JOINT board are multi-layer printed board. However, the patterns of intermediate layers have not been included in diagrams.
- Indication of transistor.



For Schematic Diagrams.

Note:

- All capacitors are in μF unless otherwise noted. (p: pF)
50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- Δ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note:

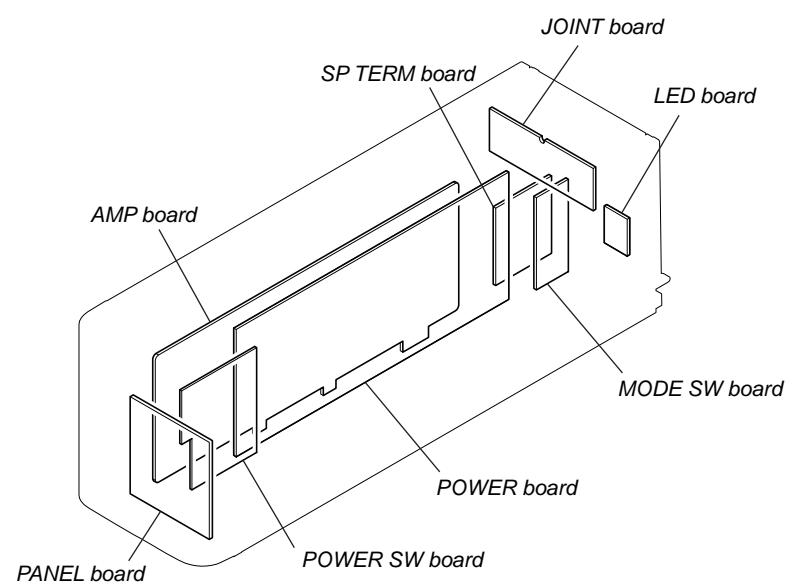
The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Note:

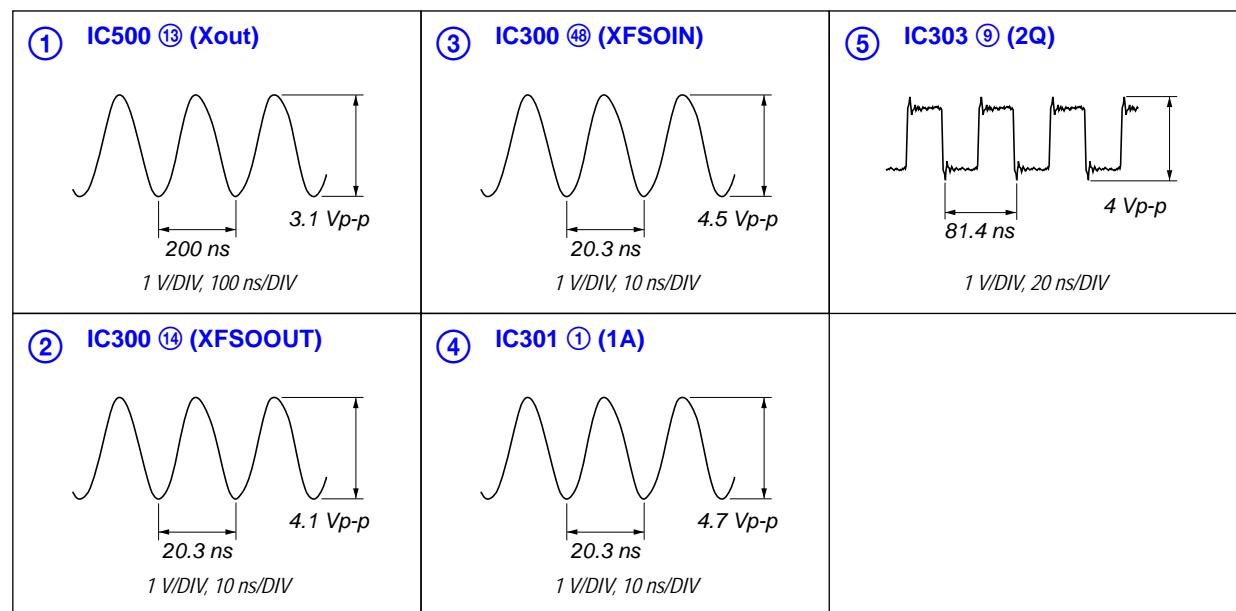
Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- : B+ Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark: POWER ON
- * : Impossible to measure
- Voltages are taken with VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
⇒ : AUDIO
- Abbreviation
 - AUS : Australian model
 - CND : Canadian model
 - E3 : 240V AC area in E model
 - E15 : Iranian model
 - E32 : 110V – 240V AC area in E model
 - EA : Saudi Arabia model
 - KR : Korean model
 - MX : Mexican model
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 - TH : Thai model
 - TW : Taiwan model

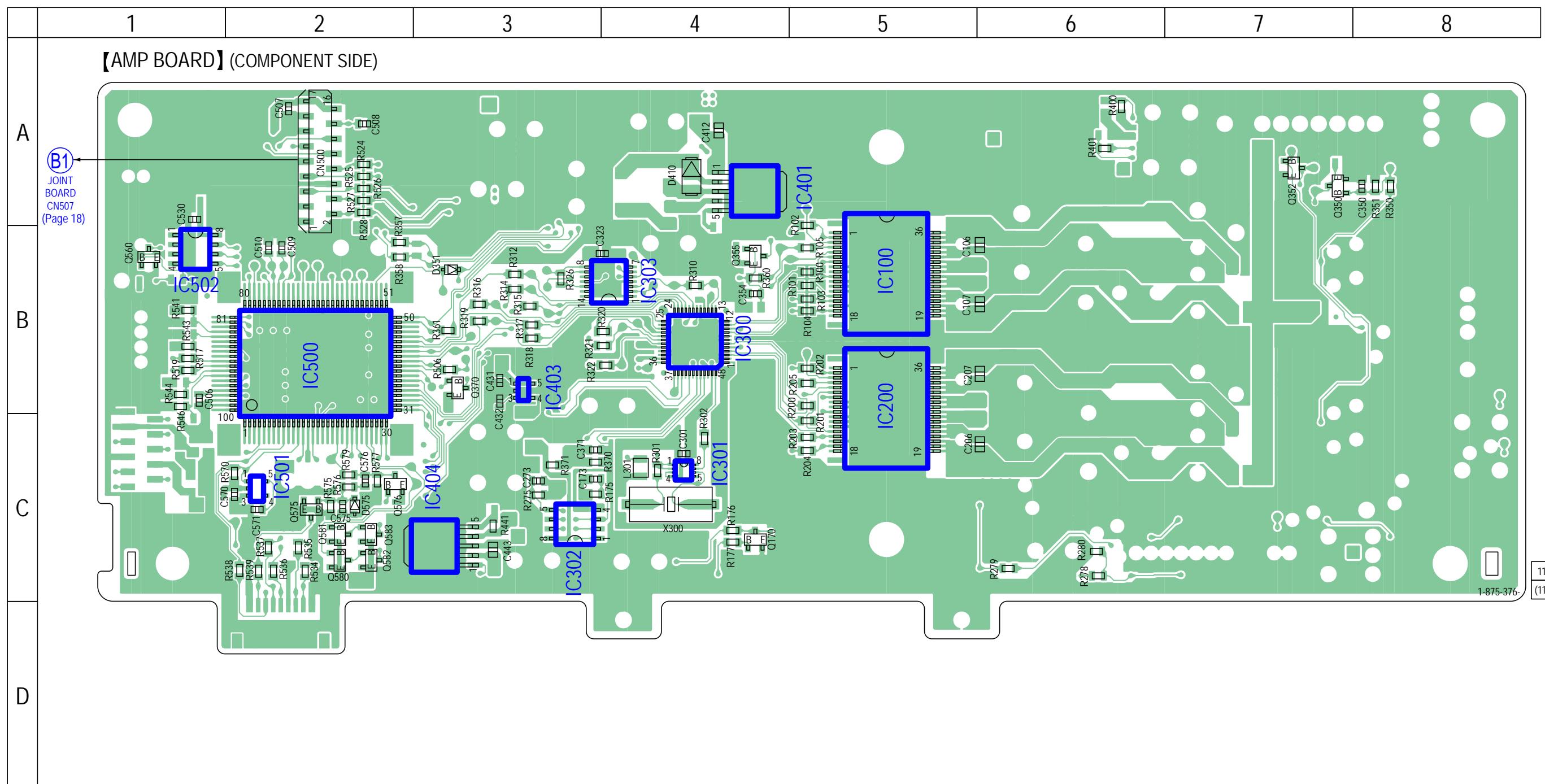
• Circuit Boards Location



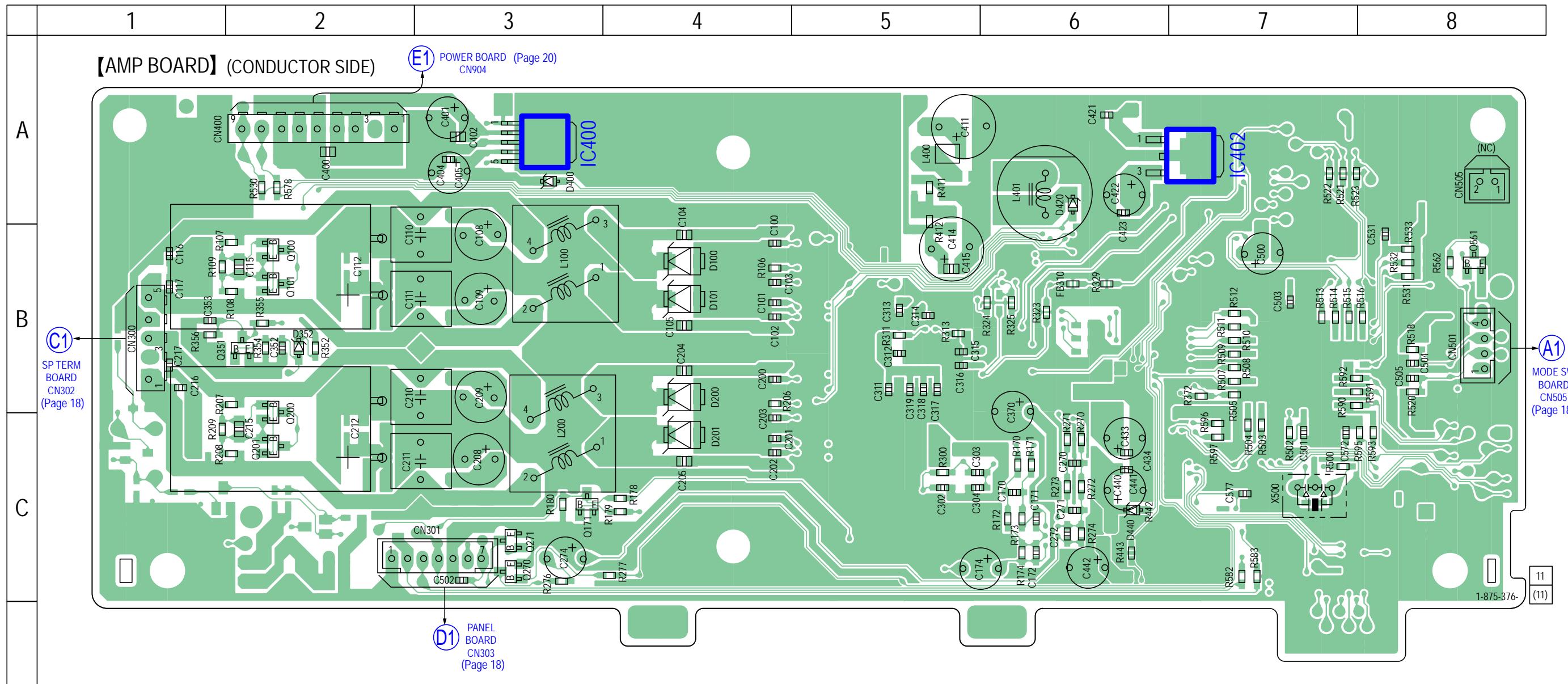
• Waveforms
— AMP Board —



4-2. PRINTED WIRING BOARD - AMP Board (Component Side) (Suffix-11) - • See page 11 for Circuit Boards Location. • : Uses unleaded solder.



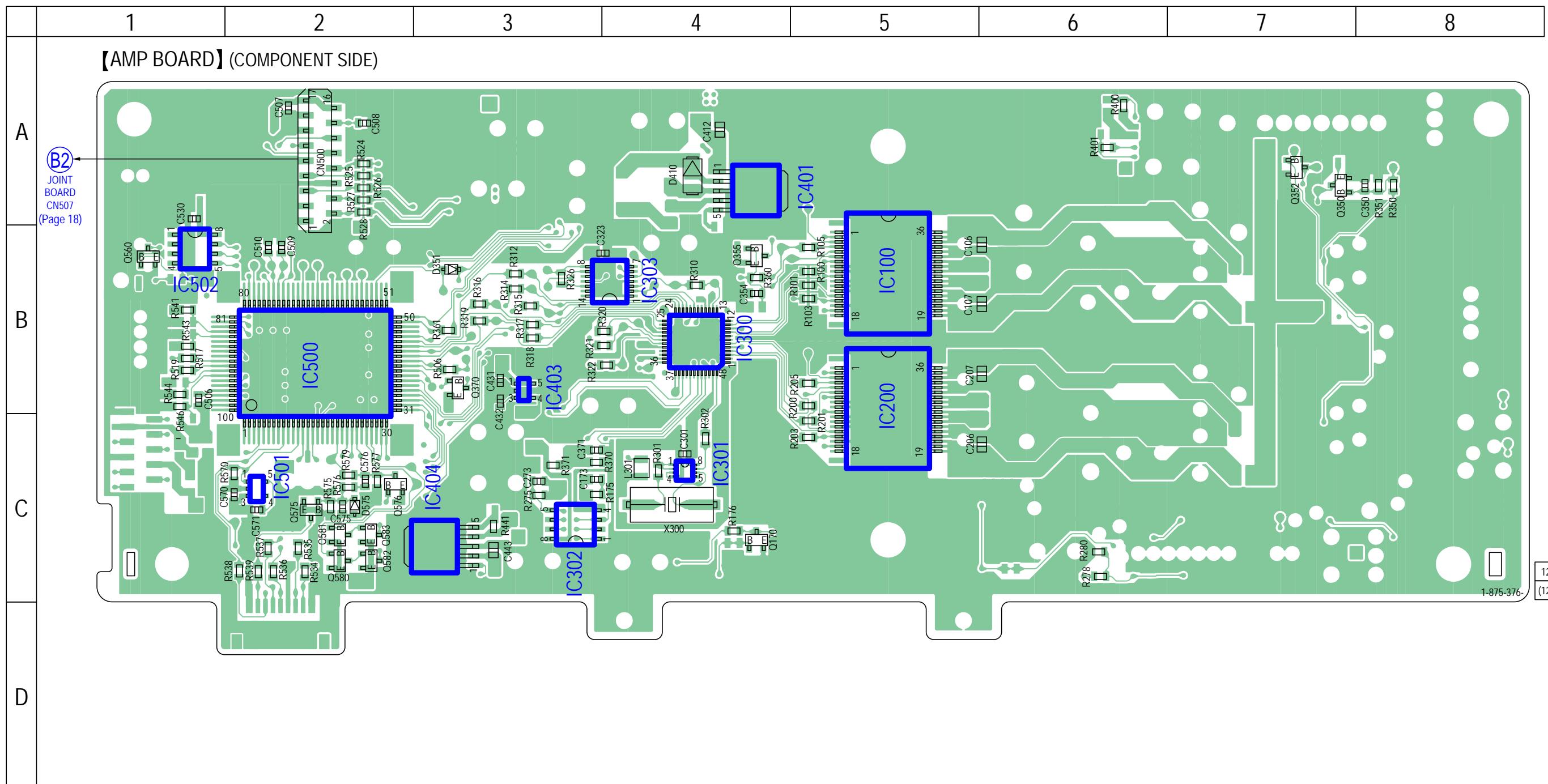
4-3. PRINTED WIRING BOARD - AMP Board (Conductor Side) (Suffix-11) - • See page 11 for Circuit Boards Location. •  : Uses unleaded solder.



- Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D100 | B-4 |
| D101 | B-4 |
| D200 | B-4 |
| D201 | C-4 |
| D352 | B-2 |
| D400 | A-3 |
| D420 | A-6 |
| D440 | C-6 |
| IC400 | A-3 |
| IC402 | A-7 |
| Q100 | B-2 |
| Q101 | B-2 |
| Q171 | C-3 |
| Q200 | C-2 |
| Q201 | C-2 |
| Q270 | C-3 |
| Q271 | C-3 |
| Q351 | B-2 |
| Q561 | B-8 |

Note: Refer to "SUFFIX-11/SUFFIX-12 DISCRIMINATION OF AMP BOARD" (page 3) of the servicing notes for suffix-11 and suffix-12.

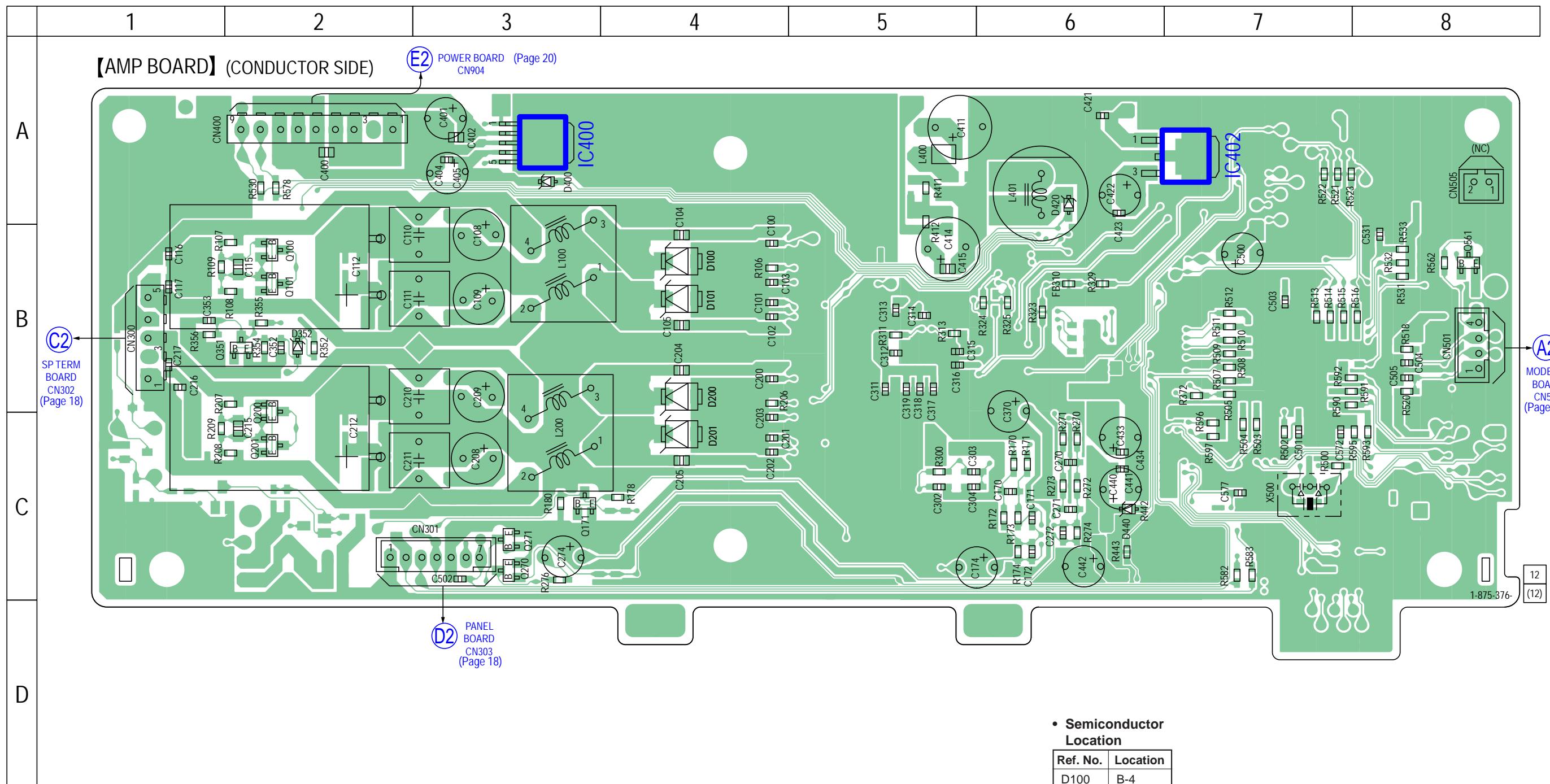
4-4. PRINTED WIRING BOARD - AMP Board (Component Side) (Suffix-12) - • See page 11 for Circuit Boards Location. •  : Uses unleaded solder.

• Semiconductor Location

| Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|
| D351 | B-3 | IC502 | B-1 |
| D410 | A-4 | Q170 | C-4 |
| D575 | C-2 | Q350 | A-7 |
| IC100 | B-5 | Q352 | A-7 |
| IC200 | B-5 | Q355 | B-4 |
| IC300 | B-4 | Q370 | B-3 |
| IC301 | C-4 | Q560 | B-1 |
| IC302 | C-3 | Q575 | C-2 |
| IC303 | B-4 | Q576 | C-2 |
| IC401 | A-4 | Q580 | C-2 |
| IC403 | B-3 | Q581 | C-2 |
| IC404 | C-3 | Q582 | C-2 |
| IC500 | B-2 | Q583 | C-2 |
| IC501 | C-2 | | |

Note: Refer to "SUFFIX-11/SUFFIX-12 DISCRIMINATION OF AMP BOARD" (page 3) of the servicing notes for suffix-11 and suffix-12.

4-5. PRINTED WIRING BOARD - AMP Board (Conductor Side) (Suffix-12) - • See page 11 for Circuit Boards Location. •  : Uses unleaded solder.



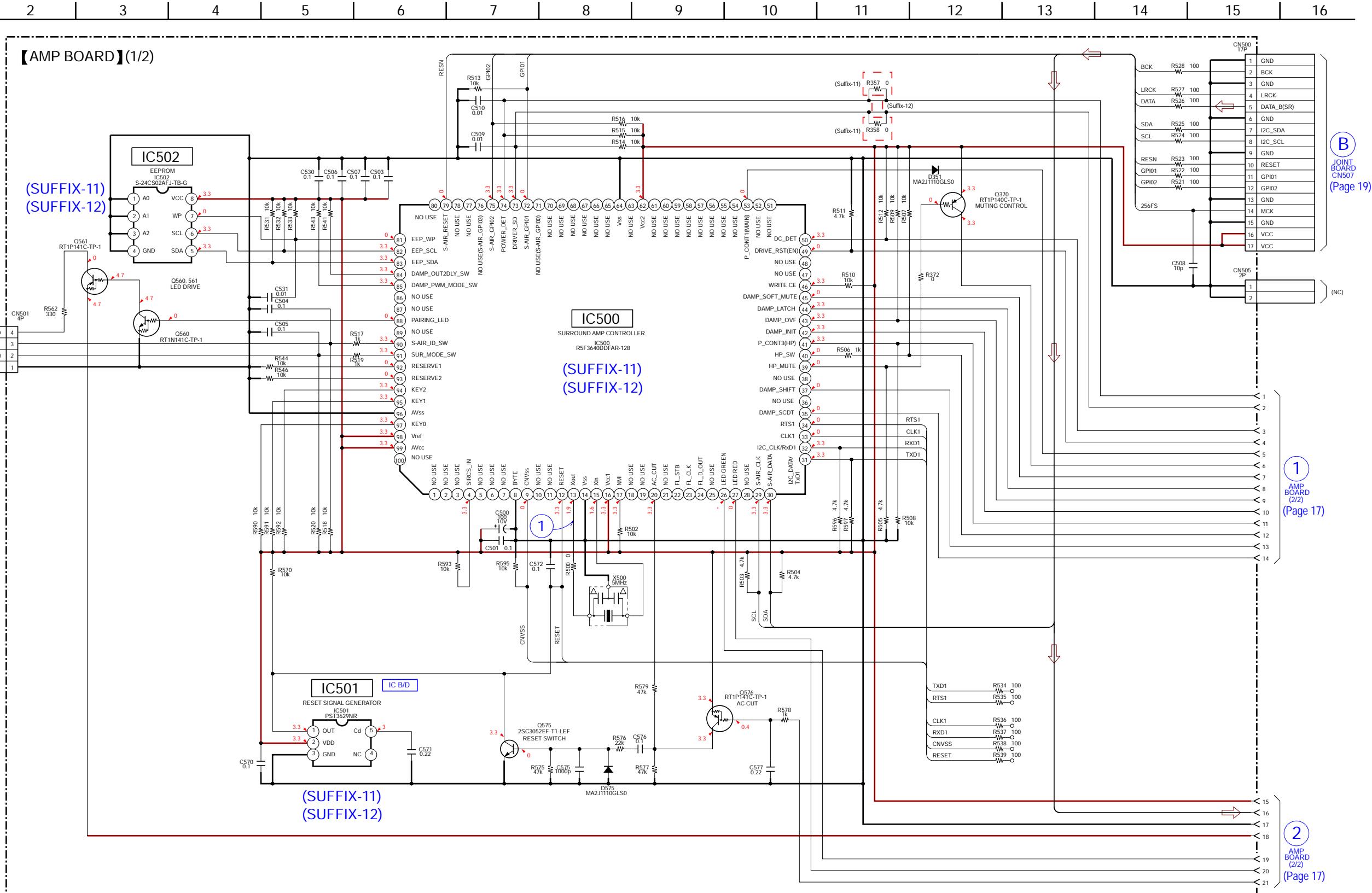
• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D100 | B-4 |
| D101 | B-4 |
| D200 | B-4 |
| D201 | C-4 |
| D352 | B-2 |
| D400 | A-3 |
| D420 | A-6 |
| D440 | C-6 |
| IC400 | A-3 |
| IC402 | A-7 |
| Q100 | B-2 |
| Q101 | B-2 |
| Q171 | C-3 |
| Q200 | C-2 |
| Q201 | C-2 |
| Q270 | C-3 |
| Q271 | C-3 |
| Q351 | B-2 |
| Q561 | B-8 |

Note: Refer to "SUFFIX-11/SUFFIX-12 DISCRIMINATION OF AMP BOARD" (page 3) of the servicing notes for suffix-11 and suffix-12.

• See page 11 for waveforms. • See page 22 for IC Block Diagrams. • See page 24 for IC Pin Function Description.

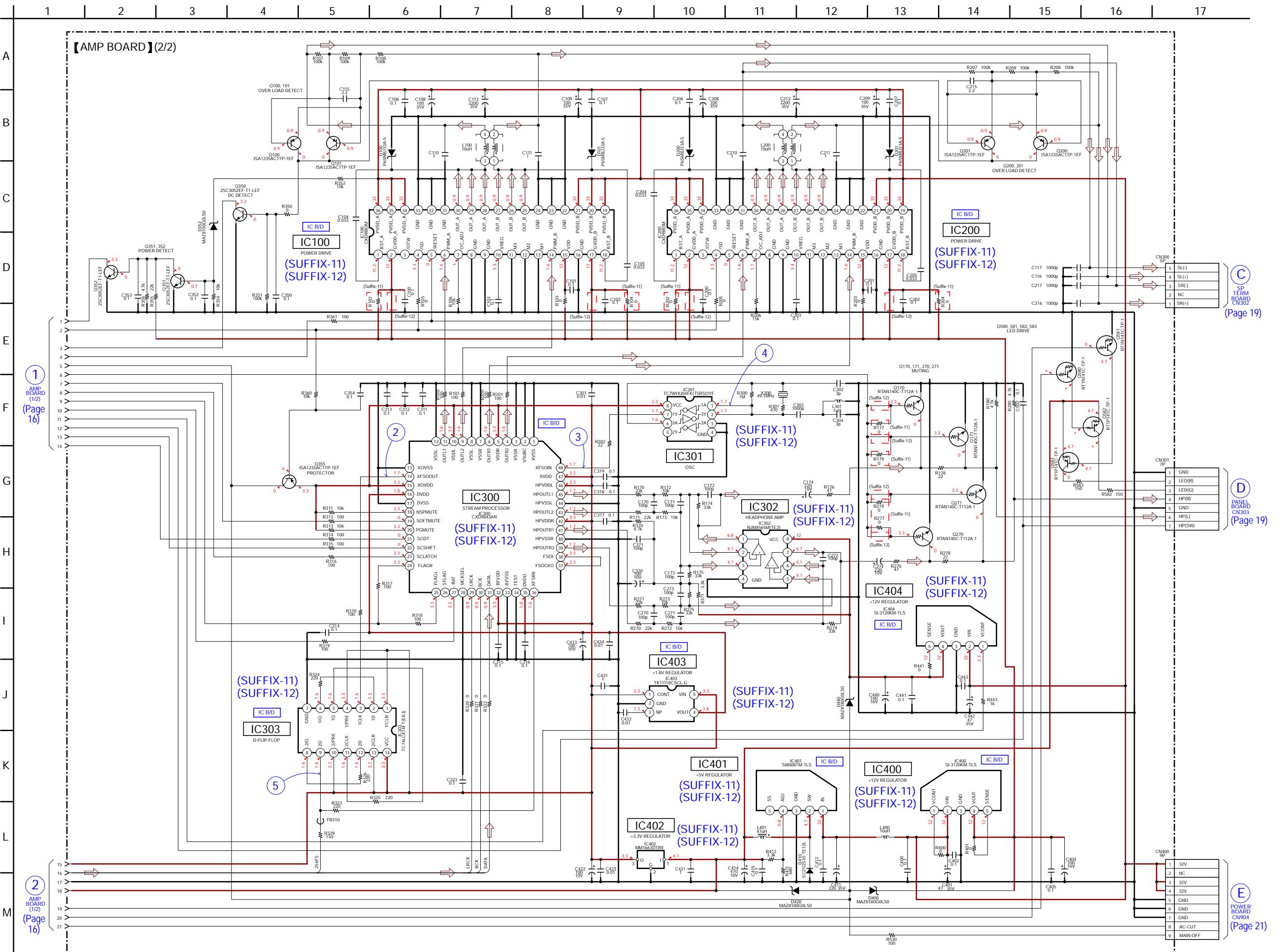
- See page 11 for waveforms.
- See page 22 for IC Block Diagrams.
- See page 24 for IC Pin Function Description.



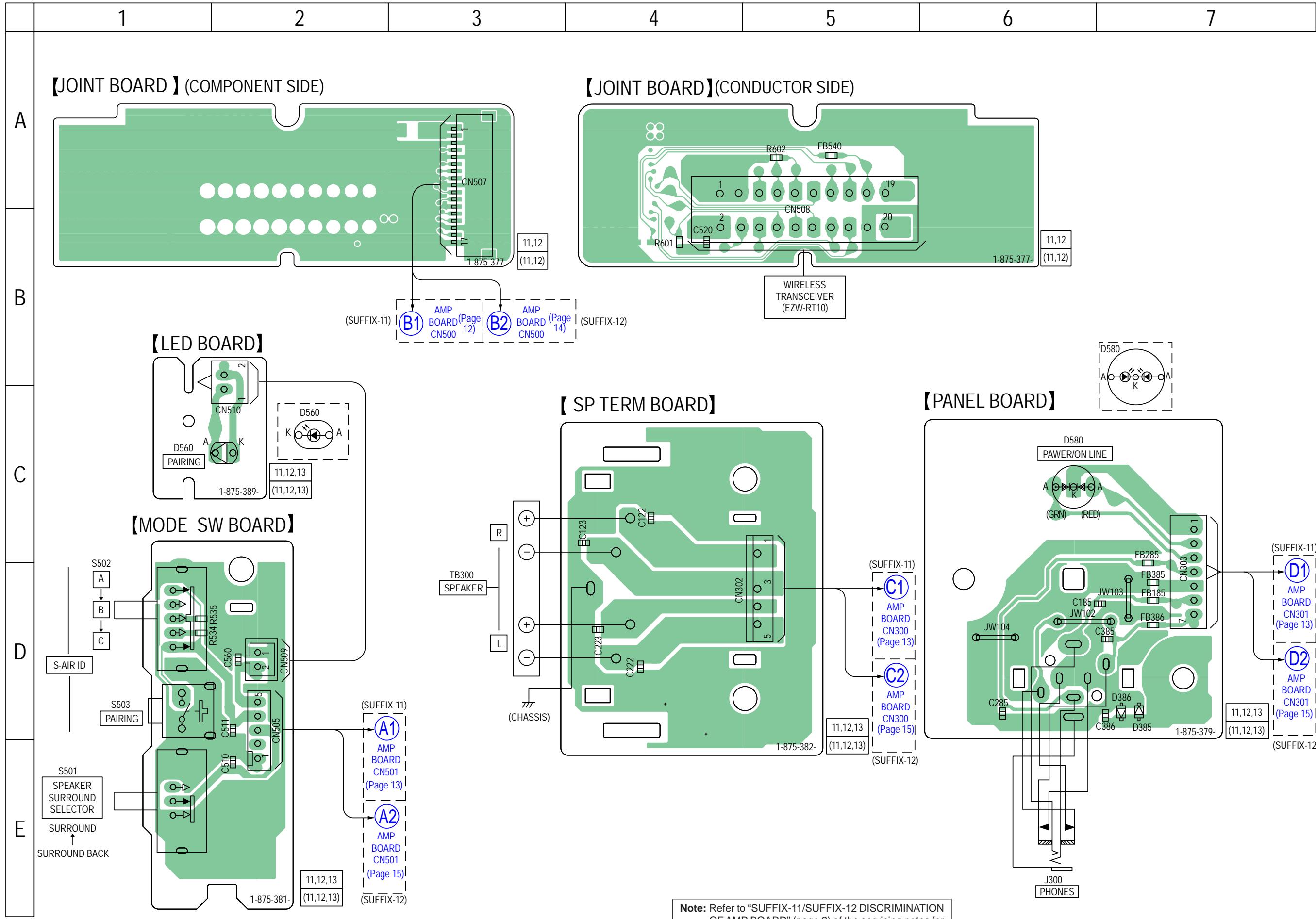
Note: Refer to "SUFFIX-11/SUFFIX-12 DISCRIMINATION OF AMP BOARD" (page 3) of the servicing notes for suffix-11 and suffix-12.

4-7. SCHEMATIC DIAGRAM - AMP Board (2/2) - • See

- See page 11 for waveforms.
- See page 22 for IC Block Diagrams.

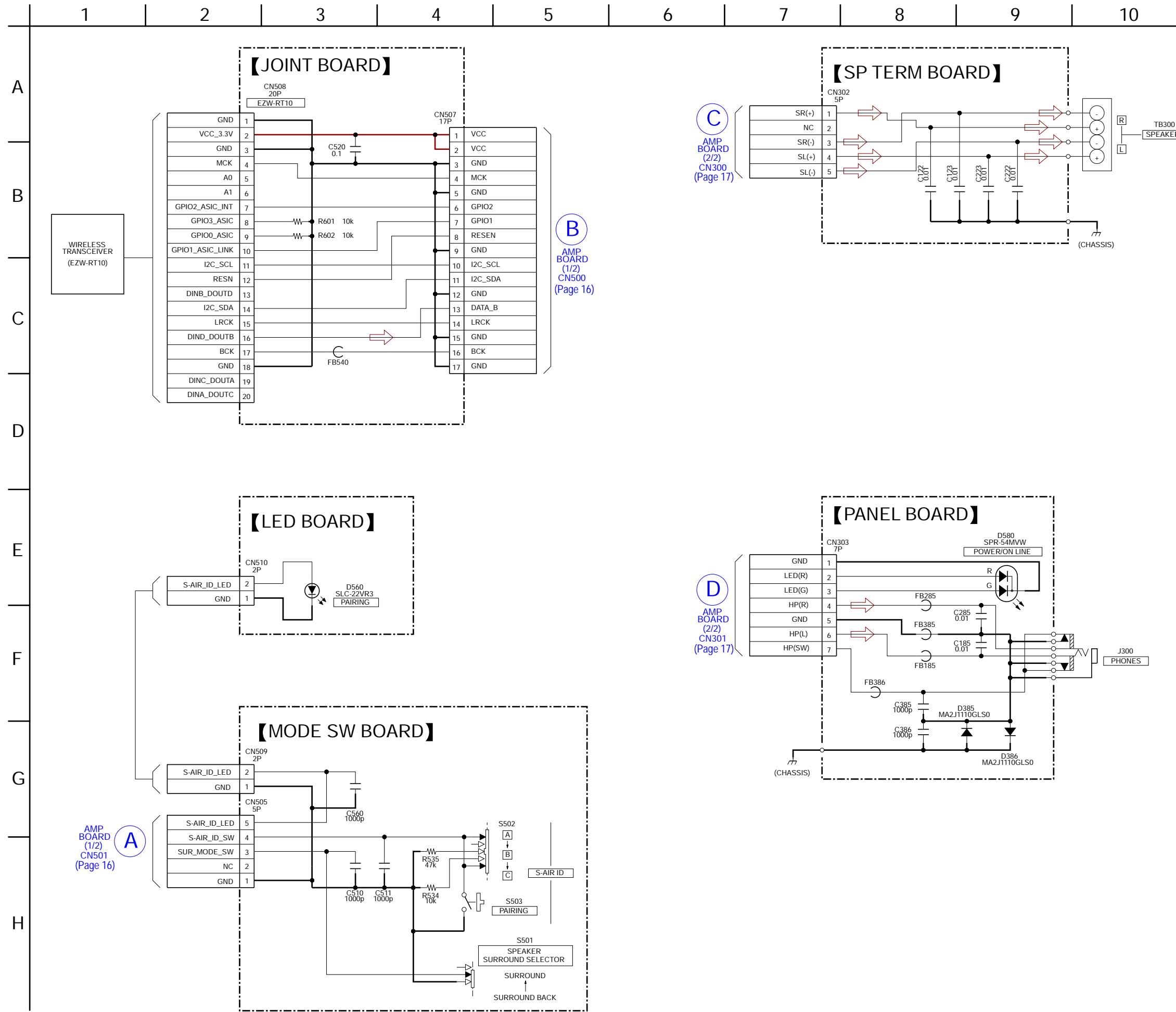


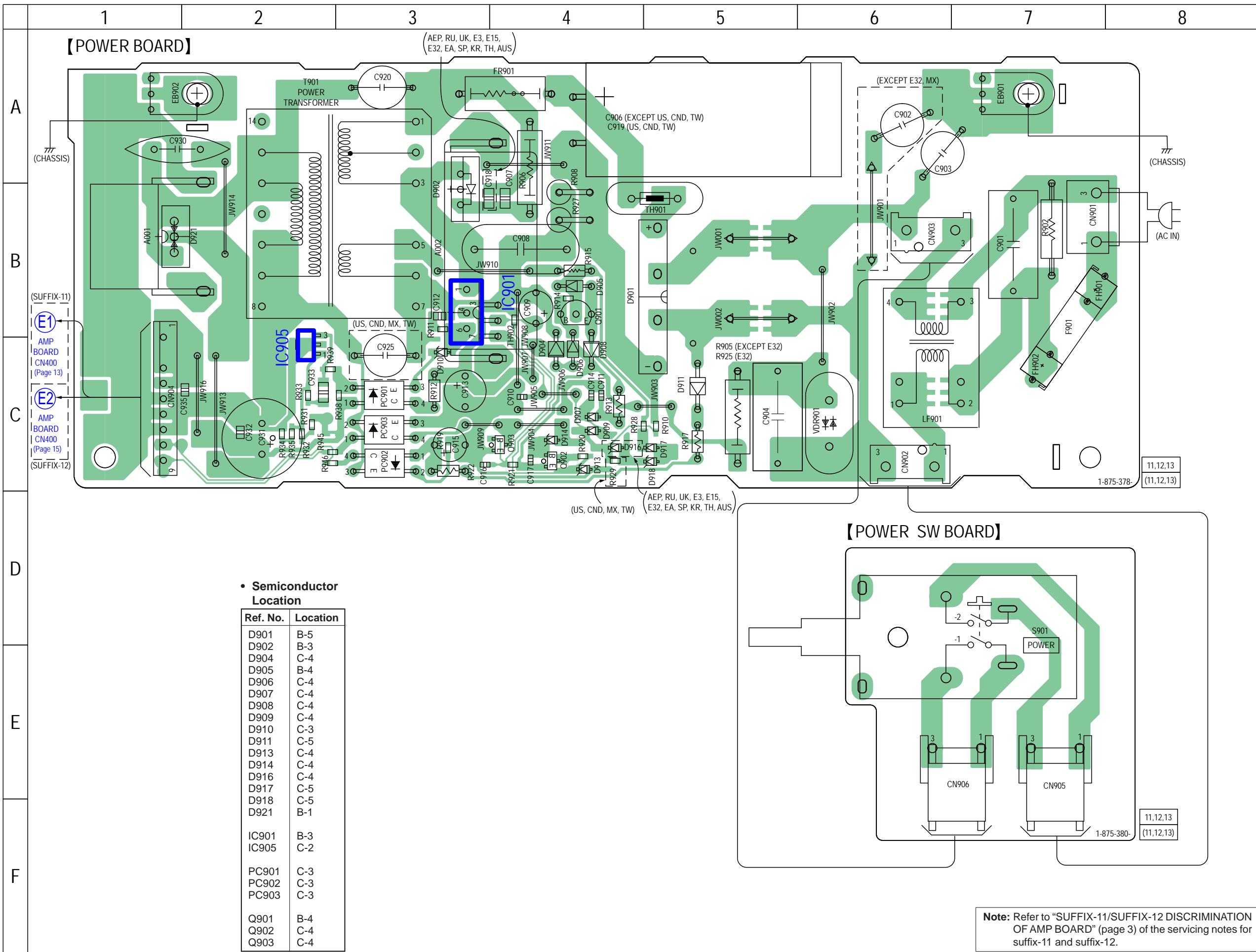
Note: Refer to "SUFFIX-11/SUFFIX-12 DISCRIMINATION OF AMP BOARD" (page 3) of the servicing notes for suffix-11 and suffix-12.



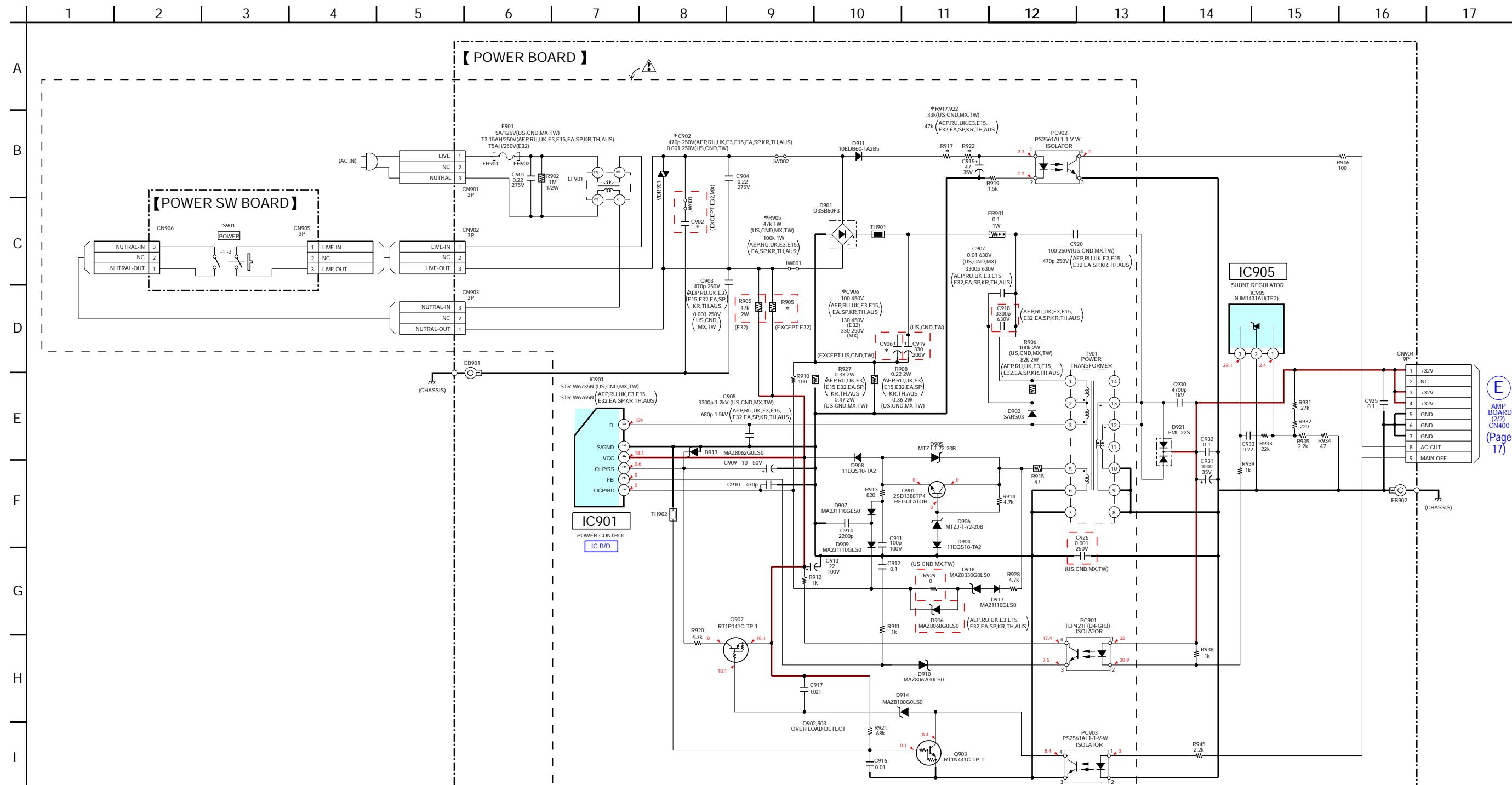
Note: Refer to "SUFFIX-11/SUFFIX-12 DISCRIMINATION OF AMP BOARD" (page 3) of the servicing notes for suffix-11 and suffix-12.

4-9. SCHEMATIC DIAGRAM - PANEL Section -



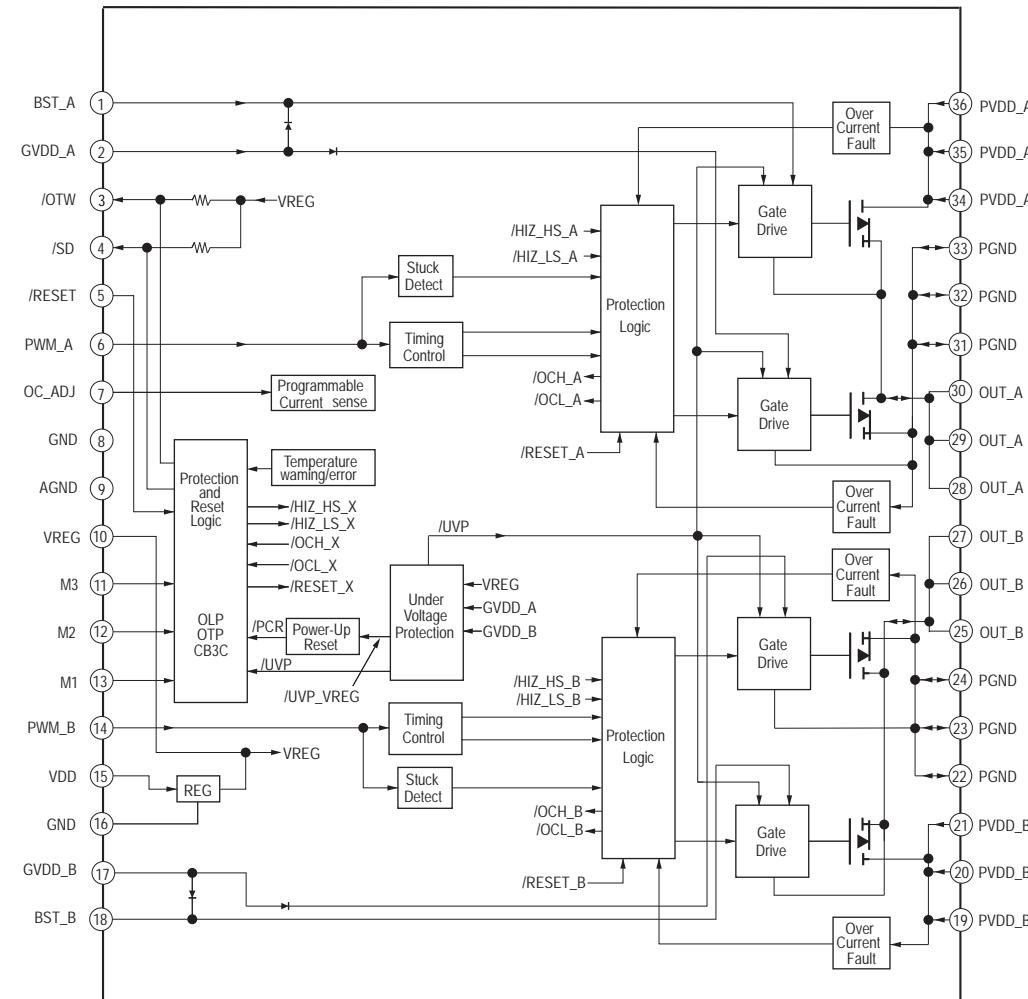
4-10. PRINTED WIRING BOARDS - POWER Section - • See page 11 for Circuit Boards Location. •  : Uses unleaded solder.

4-11. SCHEMATIC DIAGRAM - POWER Section - • See page 22 for IC Block Diagrams.

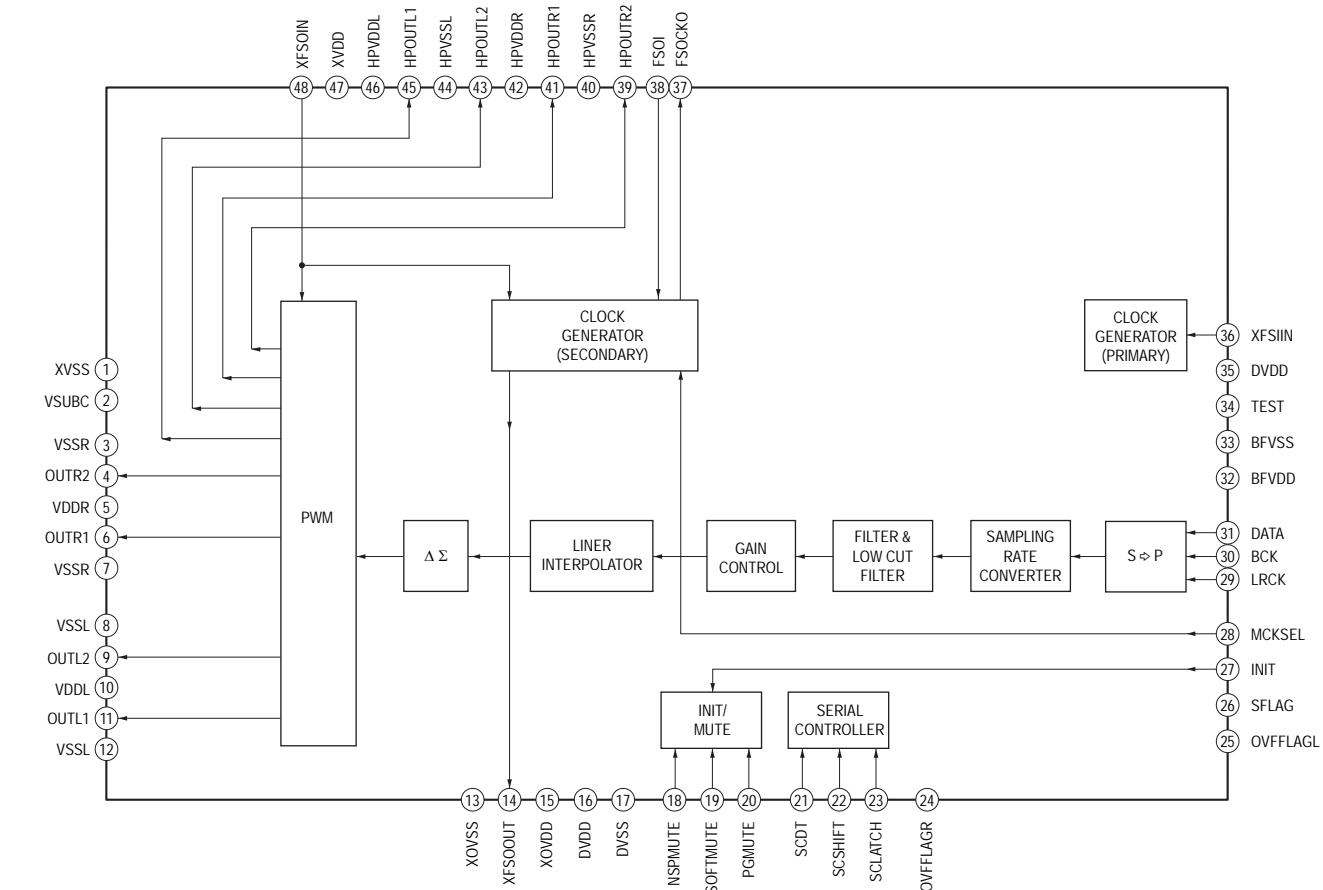


- IC Block Diagrams
- AMP Board -

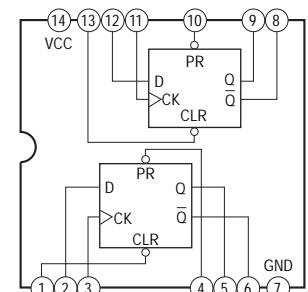
IC100, 200 CXD9883M



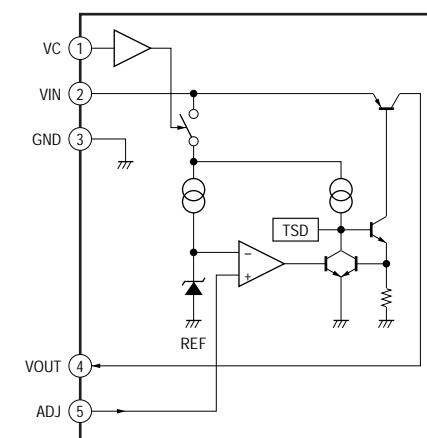
IC300 CXD9843AR



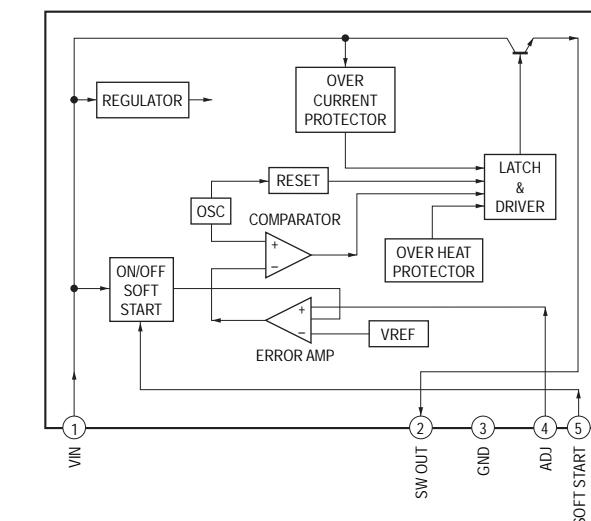
IC303 TC74LCX74FT (EKJ)



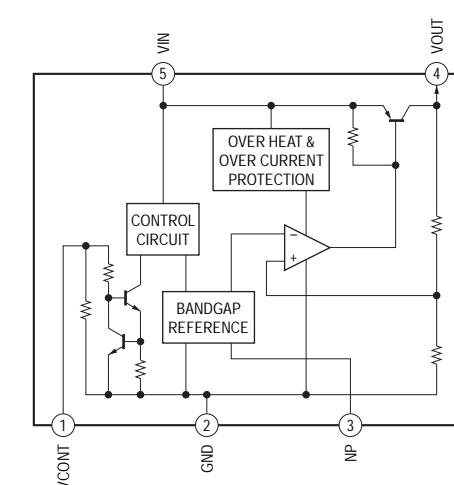
IC400, 404 SI-3120KM-TL



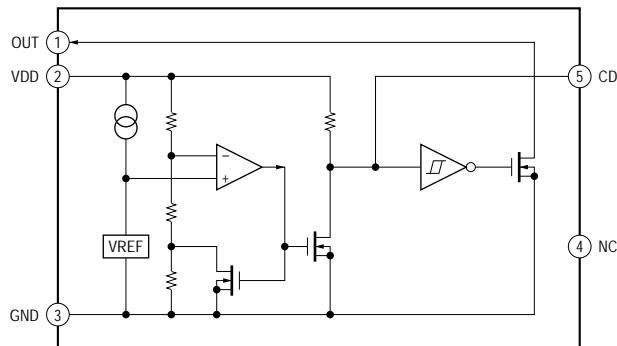
IC401 SI8008TM-TL



IC403 TK11118CSCL-G

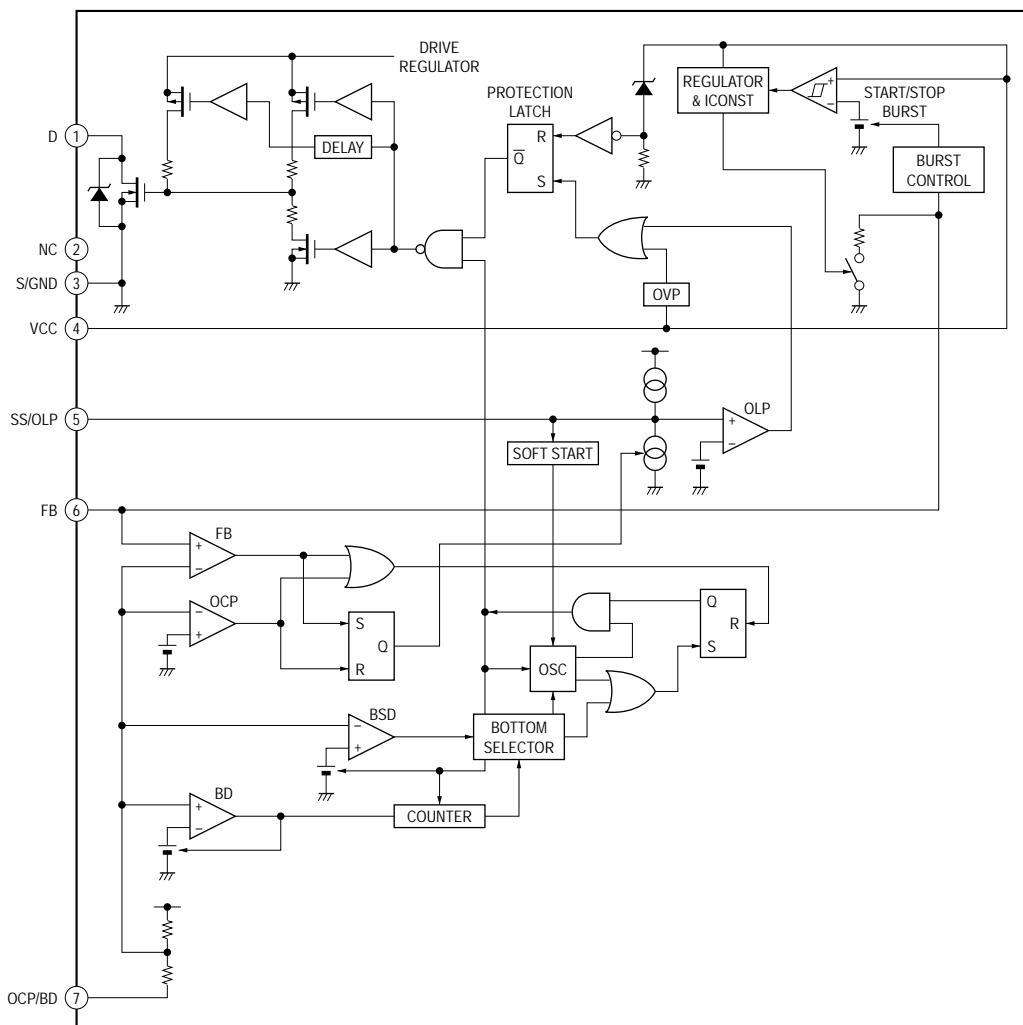


IC501 PST3629NR



- POWER Board -

**IC901 STR-W6735N (US, CND, MX, TW),
STR-W6765N (AEP, RU, UK, E3, E15, E32, SP, KR, TH, AUS)**



• Abbreviation

AUS : Australian model
CND : Canadian model
E3 : 240V AC area in E model
E15 : Iranian model
E32 : 110V – 240V AC area in E model
KR : Korean model

MX : Mexican model
RU : Russian model
SP : Singapore model
TH : Thai model
TW : Taiwan model

- IC Pin Function Description

AMP BOARD IC500 R5F3640DDFAR-128 (SURROUND AMP CONTROLLER)

| Pin No. | Pin Name | I/O | Description |
|----------|----------------------|-----|--|
| 1 to 3 | NO USE | - | Not used |
| 4 | SIRCS_IN | I | Sircs signal input terminal (for debug) |
| 5 to 7 | NO USE | - | Not used |
| 8 | BYTE | I | External data bus input terminal Fixed at "L" in this set |
| 9 | CNVss | I | Processor mode change signal input terminal "L": single chip mode |
| 10, 11 | NO USE | - | Not used |
| 12 | RESET | I | System reset signal input terminal "L": reset |
| 13 | Xout | O | Main clock output terminal (5MHz) |
| 14 | Vss | - | Ground terminal |
| 15 | Xin | I | Main clock input terminal (5MHz) |
| 16 | Vcc1 | - | Power supply terminal (+3.3V) |
| 17 | NMI | I | Non-maskable interrupt signal input terminal Fixed at "H" in this set |
| 18, 19 | NO USE | - | Not used |
| 20 | AC_CUT | I | AC cut detection signal input terminal "L": AC cut |
| 21 | NO USE | - | Not used |
| 22 | FL_STB | O | Chip select signal output terminal (for debug) |
| 23 | FL_CLK | O | Serial clock signal output terminal (for debug) |
| 24 | FL_D_OUT | O | Serial data output terminal (for debug) |
| 25 | NO USE | - | Not used |
| 26 | LED_GREEN | O | LED drive signal output of the data receive status indicator "H": LED (green) on |
| 27 | LED_RED | O | LED drive signal output of the data non receive status indicator "H": LED (red) on |
| 28 | NO USE | - | Not used |
| 29 | S-AIR_CLK | I/O | S-AIR serial clock signal input/output with the EZW-RT10 |
| 30 | S-AIR_DATA | I/O | S-AIR serial data input/output with the EZW-RT10 |
| 31 | I2C_DATA / TxD1 | I/O | IIC serial data input/output terminal (for debug) |
| 32 | I2C_CLK / RxD1 | I/O | IIC serial clock signal input/output terminal (for debug) |
| 33 | CLK1 | O | Clock signal output terminal for flash write |
| 34 | RTS1 | O | RTS signal output terminal for flash write |
| 35 | DAMP_SCDT | O | Serial data output to the stream processor |
| 36 | NO USE | - | Not used |
| 37 | DAMP_SHIFT | O | Shift clock signal output to the stream processor |
| 38 | NO USE | - | Not used |
| 39 | HP_MUTE | O | Headphone muting on/off control signal output terminal "L": muting on |
| 40 | HP_SW | I | Headphone detection signal input terminal "H": headphone insert |
| 41 | P_CONT3 (HP) | O | Regulator on/off control signal output terminal for headphone "H": on |
| 42 | DAMP_INIT | O | Reset signal output to the stream processor "L": reset |
| 43 | DAMP_OVF | I | Overflow detection signal input from the stream processor "L": overflow |
| 44 | DAMP_LATCH | O | Latch control signal output to the stream processor |
| 45 | DAMP_SOFT_MUTE | O | Soft muting on/off control signal output to the stream processor "L": muting on |
| 46 | WRITE_CE | I | Chip enable signal input terminal for flash write Fixed at "H" in this set |
| 47, 48 | NO USE | - | Not used |
| 49 | DRIVE_RST (EN) | O | Reset signal output to the power driver "L": reset |
| 50 | DC_DET | I | DC detection signal input terminal |
| 51, 52 | NO USE | - | Not used |
| 53 | P_CONT1 (MAIN) | O | Main power supply on/off control signal output terminal "L": on |
| 54 to 61 | NO USE | - | Not used |
| 62 | Vcc2 | - | Power supply terminal (+3.3V) |
| 63 | NO USE | - | Not used |
| 64 | Vss | - | Ground terminal |
| 65 to 70 | NO USE | - | Not used |
| 71 | NO USE (S-AIR_GPIO0) | - | Not used |
| 72 | S-AIR_GPIO1 | I | S-AIR sync status signal input from the EZW-RT10 |
| 73 | DRIVE_SD | I | Shut down signal input from the power driver "L": shut down |
| 74 | POWER_DET | I | Power detection signal input terminal |
| 75 | S-AIR_GPIO2 | I | S-AIR interrupt signal input from the EZW-RT10 |
| 76 | NO USE (S-AIR_GPIO3) | - | Not used |

| Pin No. | Pin Name | I/O | Description |
|---------|------------------|-----|--|
| 77, 78 | NO USE | - | Not used |
| 79 | S-AIR_RESET | O | S-AIR reset signal output to the EZW-RT10 "L": reset |
| 80 | NO USE | - | Not used |
| 81 | EEP_WP | O | Write protect signal output to the EEPROM "H": protect |
| 82 | EEP_SCL | I/O | Serial clock signal input/output with the EEPROM |
| 83 | EEP_SDA | I/O | Serial data input/output with the EEPROM |
| 84 | DAMP_OUT2DLY_SW | I | Clock delay switch input terminal Fixed at "H" in this set |
| 85 | DAMP_PWM_MODE_SW | I | Setting terminal for the PWM mode output switch Fixed at "H" in this set |
| 86, 87 | NO USE | - | Not used |
| 88 | PAIRING_LED | O | LED drive signal output of the pairing indicator "H": LED on |
| 89 | NO USE | - | Not used |
| 90 | S-AIR_ID_SW | I | S-AIR ID select signal input terminal |
| 91 | SUR_MODE_SW | I | Surround mode select signal input terminal "L": surround, "H": surround back |
| 92 | RESERVE1 | I | Destination select signal input terminal Fixed at "L" in this set |
| 93 | RESERVE2 | I | Model select signal input terminal Fixed at "L" in this set |
| 94 | KEY2 | I | Key2 input terminal (for debug) |
| 95 | KEY1 | I | Key1 input terminal (for debug) |
| 96 | AVss | - | Ground terminal |
| 97 | KEY0 | I | Key0 input terminal (for debug) |
| 98 | Vref | I | Reference voltage (+3.3V) input terminal |
| 99 | AVcc | - | Power supply terminal (+3.3V) |
| 100 | NO USE | - | Not used |

SECTION 5 EXPLODED VIEWS

Note:

- -XX and -X mean standardized parts, so they may have some difference 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.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) . . . (RED)
 ↑ ↑
 Parts Color Cabinet's Color

- Accessories are given in the last of the electrical parts list.
- Abbreviation

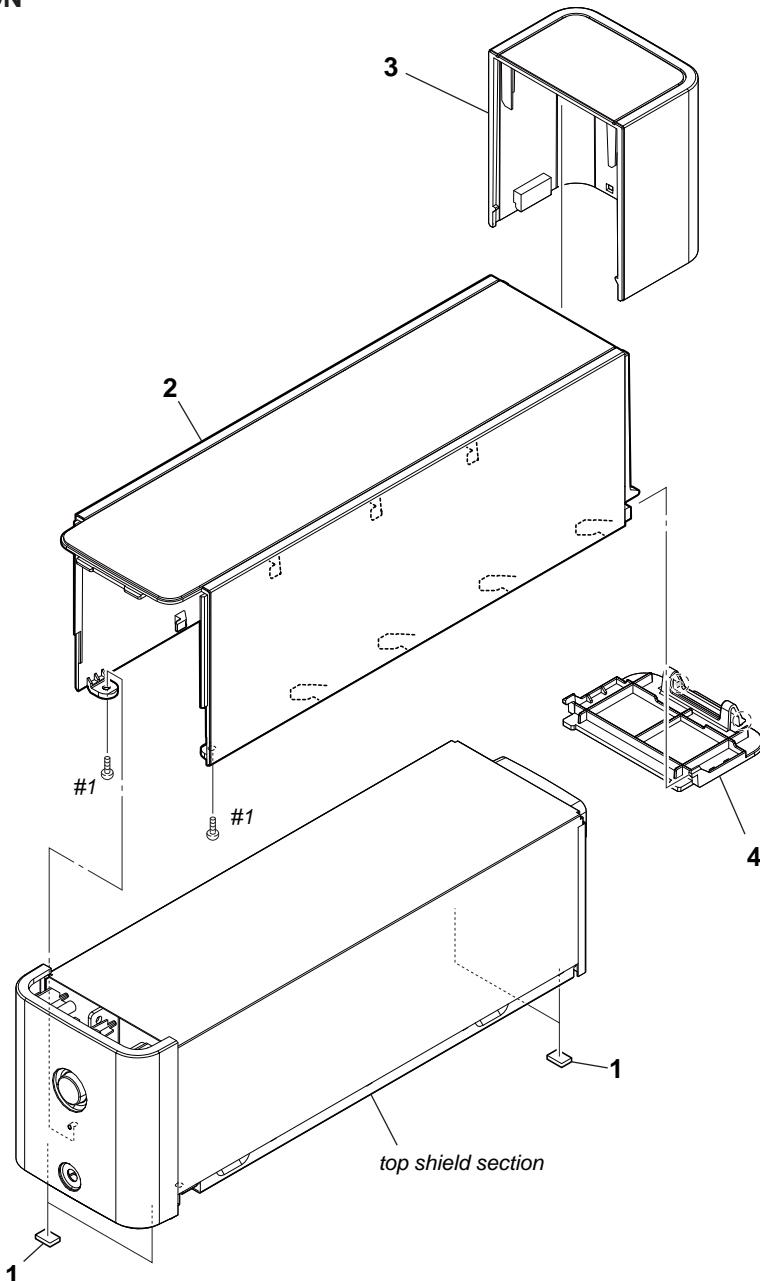
| | |
|-----|----------------------------------|
| AUS | : Australian model |
| CND | : Canadian model |
| E3 | : 240V AC area in E model |
| E15 | : Iranian model |
| E32 | : 110V – 240V AC area in E model |
| EA | : Saudi Arabia model |
| KR | : Korean model |
| MX | : Mexican model |
| RU | : Russian model |
| SP | : Singapore model |
| TH | : Thai model |
| TW | : Taiwan model |

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number specified.

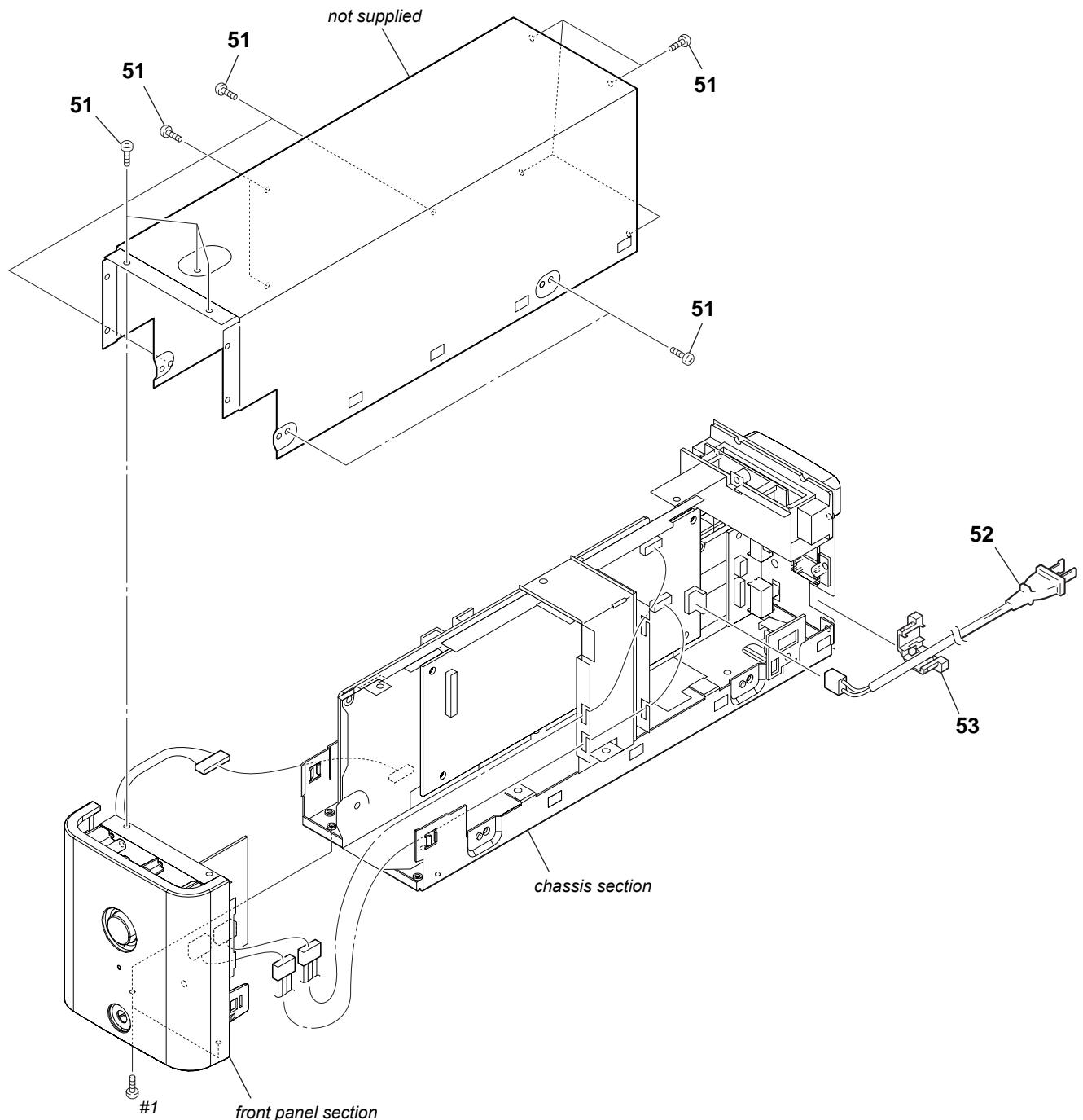
Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. COVER SECTION



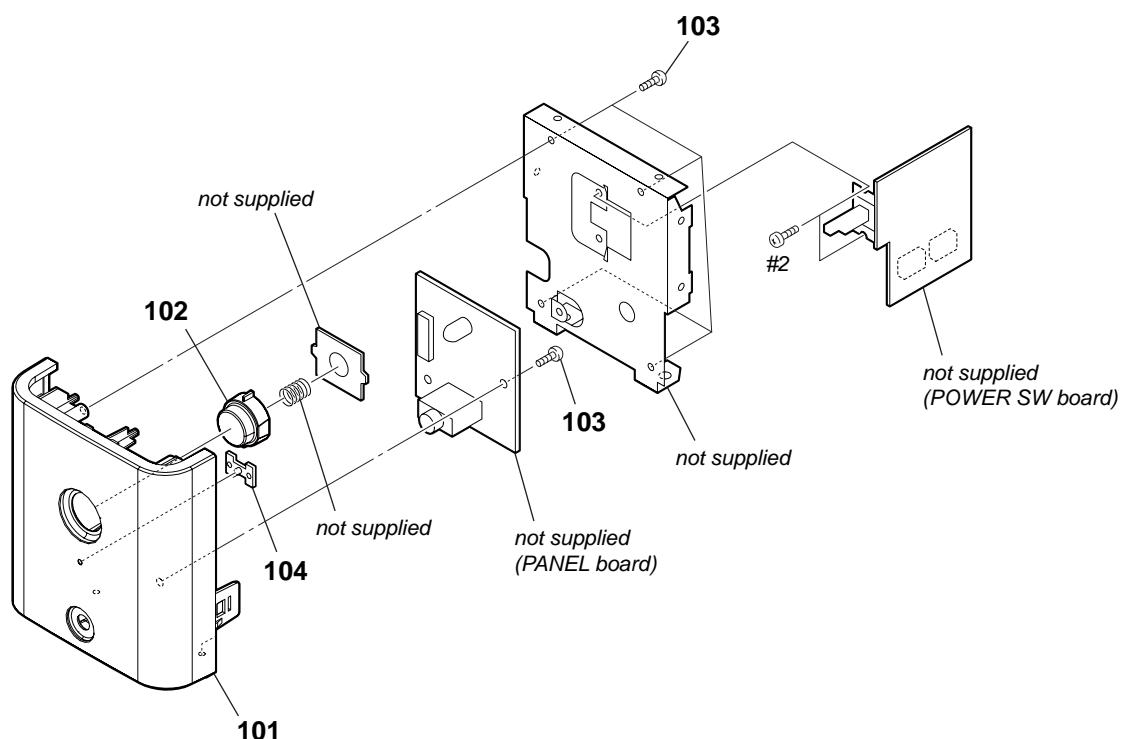
| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|-----------------------------------|--------|----------|--------------|---|--------|
| 1 | 2-895-066-11 | FOOT | | 4 | 3-277-784-01 | BOTTOM COVER (CORD) (Speaker cord holder) | |
| 2 | 3-277-779-01 | CASE | | #1 | 7-685-871-01 | SCREW +BVTT 3X6 (S) | |
| 3 | 3-277-783-01 | COVER (CORD) (Speaker cord cover) | | | | | |

5-2. TOP SHEILD SECTION



| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|---|--------|----------|--------------|----------------------------------|--------|
| 51 | 3-077-331-21 | +BV3 (3-CR) | | △ 52 | 1-834-978-11 | CORD, POWER (US, CND, MX) | |
| △ 52 | 1-769-079-61 | CORD, POWER (KR) | | △ 52 | 1-835-078-21 | CORD, POWER (UK) | |
| △ 52 | 1-827-597-42 | CORD, POWER (TW) | | 53 | 3-703-244-00 | BUSHING (2104), CORD (EXCEPT TH) | |
| △ 52 | 1-834-288-21 | POWER-SUPPLY CORD (TH) | | 53 | 4-916-783-01 | BUSHING, CORD (TH) | |
| △ 52 | 1-834-966-21 | CORD, POWER (AEP, RU, E3, E15, E32, EA, SP) | | #1 | 7-685-871-01 | SCREW +BVT 3X6 (S) | |
| △ 52 | 1-834-967-21 | CORD, POWER (AUS) | | | | | |

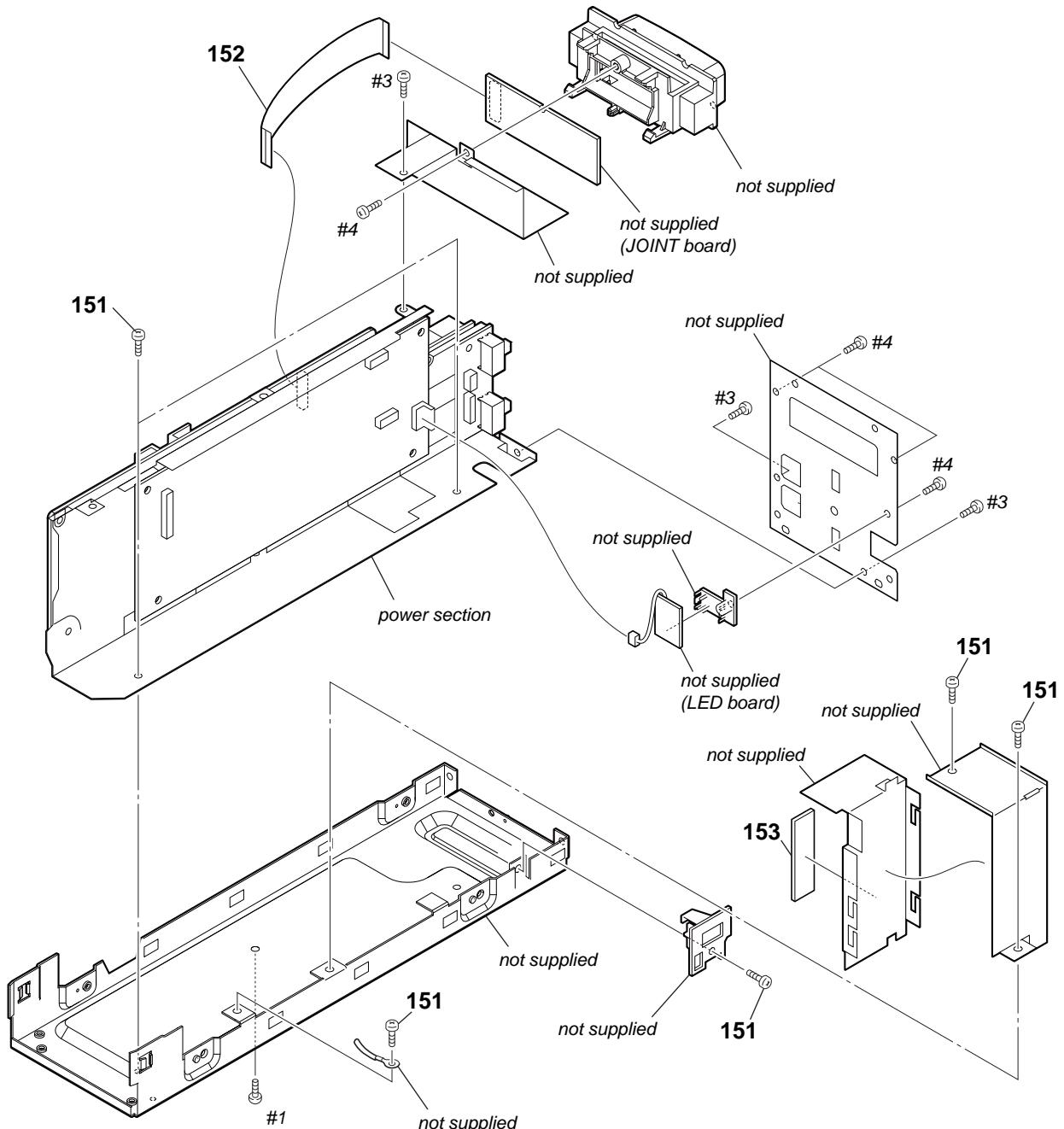
5-3. FRONT PANEL SECTION



Note: The front panel (Ref.No.101) and the power indicator (Ref. No.104) are welded.
Please exchange both at the same time when you exchange the front panel or the power indicators.
Please give the welding just like the state before it exchanges it when you install the power indicator in the front panel.

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|-------------------------------|--------|----------|--------------|--------------------------------|--------|
| 101 | 3-277-778-01 | PANEL, FRONT (US, CND) | | 104 | 2-149-422-02 | INDICATOR, POWER | |
| 101 | 3-277-778-11 | PANEL, FRONT (EXCEPT US, CND) | | #2 | 7-685-133-19 | SCREW +P 2.6X6 TYPE 2 NON-SLIT | |
| 102 | 3-277-780-01 | BUTTON (POWER) | | | | | |
| 103 | 3-087-053-01 | +BVTP2.6 (3CR) | | | | | |

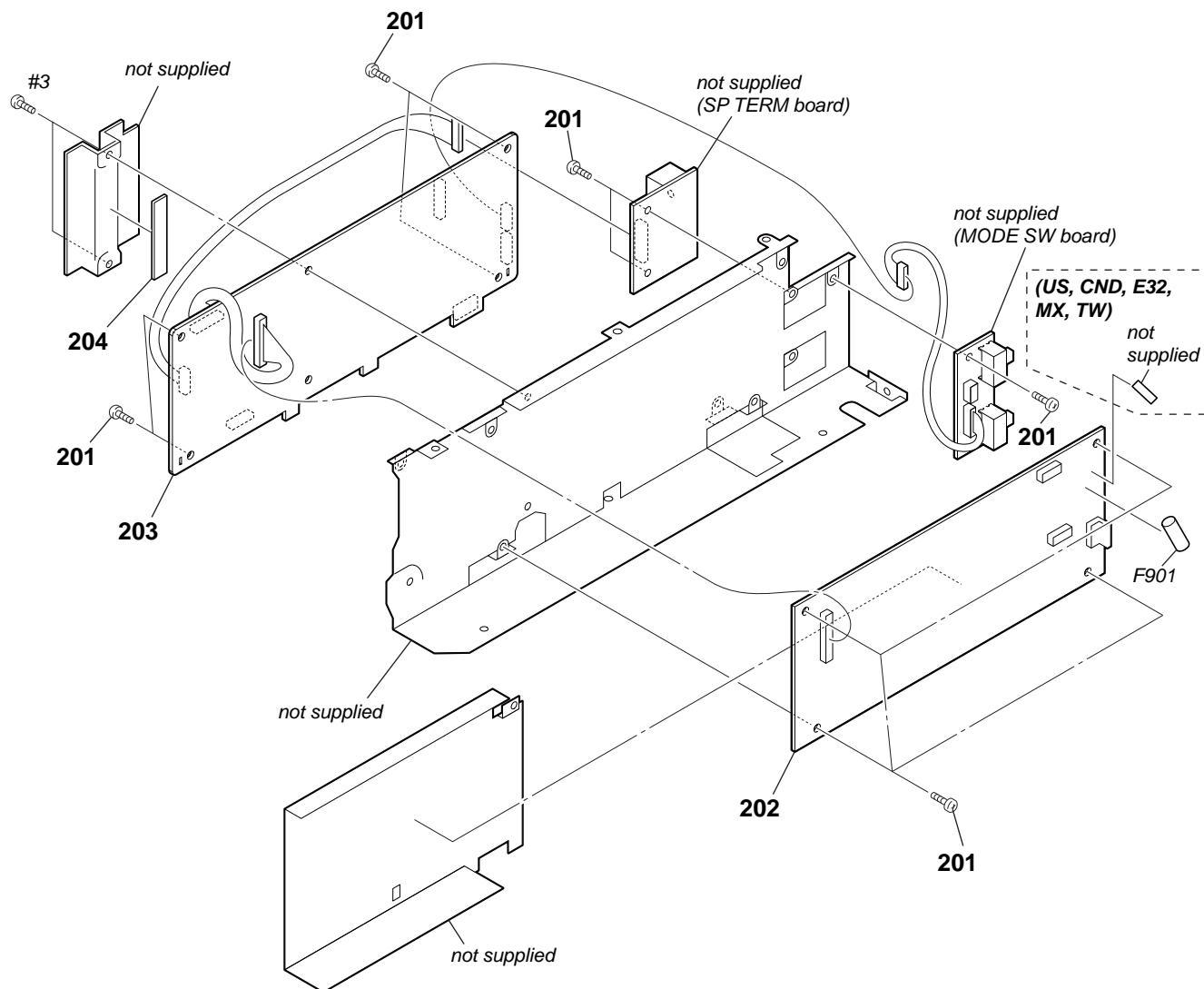
5-4. CHASSIS SECTION



Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|----------------------------|--------|----------|--------------|-----------------------------|--------|
| 151 | 3-077-331-21 | +BV3 (3-CR) | | #3 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| 152 | 1-823-718-11 | WIRE (FLAT TYPE) (17 CORE) | | #4 | 7-685-647-79 | SCREW +BVTP 3X10 TYPE2 IT-3 | |
| 153 | 4-254-954-01 | SHEET (DMB), RADIATION | | | | | |
| #1 | 7-685-871-01 | SCREW +BVTT 3X6 (S) | | | | | |

5-5. POWER SECTION



| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u> | <u>Remark</u> | <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u> | <u>Remark</u> |
|-----------------|-----------------|--|---------------|-----------------|-----------------|---|-------------------|
| 201 | 3-077-331-21 | +BV3 (3-CR) | | #3 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| 202 | A-1433-494-A | POWER BOARD, COMPLETE (US, CND, TW) | | △ F901 | 1-533-453-12 | FUSE, GLASS TUBE (DIA. 5) (5A/125V) | (US, CND, MX, TW) |
| 202 | A-1433-503-A | POWER BOARD, COMPLETE (AEP, RU, UK, E3, E15, EA, SP, KR, TH, AUS) | | △ F901 | 1-576-230-51 | FUSE (H.B.C.) (T3.15AH/250V) (AEP, RU, UK, E3, E15, EA, SP, KR, TH, AUS) | |
| 202 | A-1433-507-A | POWER BOARD, COMPLETE (E32) | | △ F901 | 1-576-232-51 | FUSE (H.B.C.) (T5AH/250V) (E32) | |
| 202 | A-1433-511-A | POWER BOARD, COMPLETE (MX) | | | | | |
| 203 | A-1433-491-A | AMP BOARD, COMPLETE | | | | | |
| 204 | 2-597-972-21 | SHEET, RADIATION (EXCEPT US) | | | | | |
| | 2-597-972-61 | SHEET, RADIATION (US) | | | | | |

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 and -X mean standardized parts, so they may have some difference 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.
- CAPACITORS
uF: μ F
- COILS
uH: μ H
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- 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
CND : Canadian model
E3 : 240V AC area in E model
E15 : Iranian model
E32 : 110V – 240V AC area in E model
EA : Saudi Arabia model
KR : Korean model
MX : Mexican model
RU : Russian model
SP : Singapore model
TH : Thai model
TW : Taiwan model

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

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
|----------|--------------|---------------------|-----------------|----------|--------------|--------------|----------------|
| | A-1433-491-A | AMP BOARD, COMPLETE | | C217 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% |
| | | ***** | | C270 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% |
| | | < CAPACITOR > | | C271 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% |
| | | | | C272 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% |
| C100 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C273 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% |
| C101 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C274 | 1-126-923-91 | ELECT | 220uF 20% |
| C102 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C301 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% |
| C103 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C302 | 1-162-908-11 | CERAMIC CHIP | 3PF 0.25PF |
| C104 | 1-115-185-11 | CERAMIC CHIP | 0.033uF 10% 50V | C303 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% |
| C105 | 1-115-185-11 | CERAMIC CHIP | 0.033uF 10% 50V | C304 | 1-162-908-11 | CERAMIC CHIP | 3PF 0.25PF |
| C106 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% 50V | C311 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C107 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% 50V | C312 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C108 | 1-112-246-11 | ELECT | 100uF 20% 35V | C313 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C109 | 1-112-246-11 | ELECT | 100uF 20% 35V | C314 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C110 | 1-114-885-51 | FILM | 1uF 5% 50V | C315 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C111 | 1-114-885-51 | FILM | 1uF 5% 50V | C316 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C112 | 1-107-898-21 | ELECT | 2200uF 20% 35V | C317 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C115 | 1-164-505-11 | CERAMIC CHIP | 2.2uF 16V | C318 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C116 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V | C319 | 1-164-156-11 | CERAMIC CHIP | 0.1uF 25V |
| C117 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V | C323 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V |
| C170 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% 50V | C350 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V |
| C171 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% 50V | C352 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V |
| C172 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% 50V | C353 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V |
| C173 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% 50V | C354 | 1-100-566-91 | CERAMIC CHIP | 0.1uF 10% 25V |
| C174 | 1-126-923-91 | ELECT | 220uF 20% 10V | C370 | 1-104-658-91 | ELECT | 100uF 20% |
| C200 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C371 | 1-162-927-11 | CERAMIC CHIP | 100PF 5% |
| C201 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C400 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% |
| C202 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C401 | 1-126-947-11 | ELECT | 47uF 20% |
| C203 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V | C402 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% |
| C204 | 1-115-185-11 | CERAMIC CHIP | 0.033uF 10% 50V | C404 | 1-126-933-11 | ELECT | 100uF 20% |
| C205 | 1-115-185-11 | CERAMIC CHIP | 0.033uF 10% 50V | C405 | 1-107-826-11 | CERAMIC CHIP | 0.1uF 10% 16V |
| C206 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% 50V | C411 | 1-165-741-31 | ELECT | 220uF 20% |
| C207 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% 50V | C412 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% 50V |
| C208 | 1-112-246-11 | ELECT | 100uF 20% 35V | C414 | 1-135-372-31 | ELECT | 470uF 20% |
| C209 | 1-112-246-11 | ELECT | 100uF 20% 35V | C415 | 1-115-339-11 | CERAMIC CHIP | 0.1uF 10% |
| C210 | 1-114-885-51 | FILM | 1uF 5% 50V | C421 | 1-165-908-11 | CERAMIC CHIP | 1uF 10% |
| C211 | 1-114-885-51 | FILM | 1uF 5% 50V | C422 | 1-104-658-91 | ELECT | 100uF 20% |
| C212 | 1-107-898-21 | ELECT | 2200uF 20% 35V | C423 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% |
| C215 | 1-164-505-11 | CERAMIC CHIP | 2.2uF 16V | C431 | 1-165-908-11 | CERAMIC CHIP | 1uF 10% |
| C216 | 1-162-964-11 | CERAMIC CHIP | 0.001uF 10% 50V | C432 | 1-162-970-11 | CERAMIC CHIP | 0.01uF 10% 25V |

TA-SA100WR

AMP

| Ref. No. | Part No. | Description | Remark | | Ref. No. | Part No. | Description | Remark | |
|----------|--------------|--------------------------------|------------------|-------|----------|--------------|--------------|-----------------------------------|------------------|
| C433 | 1-104-658-91 | ELECT | 100uF | 20% | 10V | IC404 | 6-712-615-01 | IC SI-3120KM-TLS | |
| C434 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V | IC500 | A-1545-410-A | IC R5F3640DDFAR-128 (for SERVICE) | |
| C440 | 1-126-933-11 | ELECT | 100uF | 20% | 16V | IC501 | 6-701-680-01 | IC PST3629NR | |
| C441 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | IC502 | 6-710-820-01 | IC S-24CS02AFJ-TB-G | |
| C442 | 1-126-947-11 | ELECT | 47uF | 20% | 35V | | | < COIL > | |
| C443 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V | L100 | 1-457-579-11 | INDUCTOR | 10uH |
| C500 | 1-104-658-91 | ELECT | 100uF | 20% | 10V | L200 | 1-457-579-11 | INDUCTOR | 10uH |
| C501 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | L301 | 1-412-939-11 | INDUCTOR | 1uH |
| C502 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | L400 | 1-414-398-11 | INDUCTOR | 10uH |
| C503 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | L401 | 1-400-424-11 | INDUCTOR | 47uH |
| C504 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | | | < TRANSISTOR > | |
| C505 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | Q100 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF |
| C506 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | Q101 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF |
| C507 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | Q170 | 6-551-863-01 | TRANSISTOR | RTAN140C-T112A-1 |
| C508 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V | Q171 | 6-551-863-01 | TRANSISTOR | RTAN140C-T112A-1 |
| C509 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V | Q200 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF |
| C510 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V | Q201 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF |
| C530 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | Q270 | 6-551-863-01 | TRANSISTOR | RTAN140C-T112A-1 |
| C531 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V | Q271 | 6-551-863-01 | TRANSISTOR | RTAN140C-T112A-1 |
| C570 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | Q350 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF |
| C571 | 1-115-467-11 | CERAMIC CHIP | 0.22uF | 10% | 10V | Q351 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF |
| C572 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | Q352 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF |
| C575 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | Q355 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF |
| C576 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | Q370 | 8-729-038-11 | TRANSISTOR | RT1P140C-TP-1 |
| C577 | 1-115-467-11 | CERAMIC CHIP | 0.22uF | 10% | 10V | Q560 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 |
| | | | < CONNECTOR > | | Q561 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| CN301 | 1-564-709-11 | PIN, CONNECTOR (SMALL TYPE) 7P | | | Q575 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF | |
| CN500 | 1-784-376-51 | CONNECTOR, FFC/FPC 17P | | | Q576 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| CN501 | 1-564-706-11 | PIN, CONNECTOR (SMALL TYPE) 4P | | | Q580 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | |
| CN505 | 1-564-704-41 | PIN, CONNECTOR (SMALL TYPE) 2P | | | Q581 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | |
| | | | < DIODE > | | Q582 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| D100 | 6-500-885-01 | DIODE P6SMBJ33A-5 | | | Q583 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | |
| D101 | 6-500-885-01 | DIODE P6SMBJ33A-5 | | | | | | < RESISTOR > | |
| D200 | 6-500-885-01 | DIODE P6SMBJ33A-5 | | | R100 | 1-216-809-11 | METAL CHIP | 100 | 5% |
| D201 | 6-500-885-01 | DIODE P6SMBJ33A-5 | | | R101 | 1-216-809-11 | METAL CHIP | 100 | 5% |
| D351 | 6-501-817-01 | DIODE MA2J1110GLS0 | | | R102 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | 1/10W |
| D352 | 6-501-774-01 | DIODE MAZ8150G0LS0 | | | R103 | 1-216-864-11 | SHORT CHIP | 0 | 1/10W |
| D400 | 6-501-780-01 | DIODE MAZ8180G0LS0 | | | R104 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | 1/10W |
| D410 | 8-719-084-30 | DIODE EC21QS10-TE12L | | | R105 | 1-216-864-11 | SHORT CHIP | 0 | 1/10W |
| D420 | 6-501-758-01 | DIODE MAZ8100G0LS0 | | | R106 | 1-216-835-11 | METAL CHIP | 15K | 5% |
| D440 | 6-501-780-01 | DIODE MAZ8180G0LS0 | | | R107 | 1-216-845-11 | METAL CHIP | 100K | 5% |
| D575 | 6-501-817-01 | DIODE MA2J1110GLS0 | | | R108 | 1-216-845-11 | METAL CHIP | 100K | 5% |
| | | | < FERRITE BEAD > | | R109 | 1-216-845-11 | METAL CHIP | 100K | 5% |
| FB310 | 1-400-212-22 | BEAD, FERRITE (CHIP) (1608) | | | R170 | 1-216-837-11 | METAL CHIP | 22K | 5% |
| | | | < IC > | | R171 | 1-216-837-11 | METAL CHIP | 22K | 5% |
| IC100 | 6-708-921-01 | IC CXD9883M | | | R172 | 1-216-833-11 | METAL CHIP | 10K | 5% |
| IC200 | 6-708-921-01 | IC CXD9883M | | | R173 | 1-216-833-11 | METAL CHIP | 10K | 5% |
| IC300 | 6-707-939-01 | IC CXD9843AR | | | R174 | 1-216-839-11 | METAL CHIP | 33K | 5% |
| IC301 | 6-709-888-01 | IC TC7WHU04FK (T5RSOYF | | | R175 | 1-216-839-11 | METAL CHIP | 33K | 5% |
| IC302 | 8-759-710-97 | IC NJM4565M-D | | | R176 | 1-216-805-11 | METAL CHIP | 47 | 5% |
| IC303 | 6-707-856-01 | IC TC74LCX74FT (EKJ | | | R177 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | 1/10W |
| IC400 | 6-712-615-01 | IC SI-3120KM-TLS | | | R178 | 1-216-801-11 | METAL CHIP | 22 | 5% |
| IC401 | 6-712-617-01 | IC SI8008TM-TLS | | | R179 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | 1/10W |
| IC402 | 6-708-742-01 | IC MM1663DTRE | | | R180 | 1-216-829-11 | METAL CHIP | 4.7K | 5% |
| IC403 | 6-702-300-01 | IC TK11118CSCL-G | | | R200 | 1-216-809-11 | METAL CHIP | 100 | 5% |
| | | | < IC > | | R201 | 1-216-809-11 | METAL CHIP | 100 | 5% |
| | | | < IC > | | R203 | 1-216-864-11 | SHORT CHIP | 0 | 1/10W |
| | | | < IC > | | R205 | 1-216-864-11 | SHORT CHIP | 0 | 1/10W |

| Ref. No. | Part No. | Description | | | Remark | Ref. No. | Part No. | Description | | | Remark |
|----------|--------------|-------------|---------------|----|--------|----------|--------------|-----------------------------|------|----|--------|
| R206 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W | R506 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R207 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | R507 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R208 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | R508 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R209 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | R509 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R270 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R510 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R271 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R511 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R272 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R512 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R273 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R513 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R274 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W | R514 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R275 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W | R515 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R276 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | R516 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R277 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | | | R517 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R278 | 1-216-801-11 | METAL CHIP | 22 | 5% | 1/10W | R518 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R279 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | | | R519 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R280 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | R520 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R300 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R521 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R301 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W | R522 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R302 | 1-216-801-11 | METAL CHIP | 22 | 5% | 1/10W | R523 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R310 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R524 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R311 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R525 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R312 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R526 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R313 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R527 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R314 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R528 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R315 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R530 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R316 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R531 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R317 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R532 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R318 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R533 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R319 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R534 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R320 | 1-216-864-11 | SHORT CHIP | 0 | | | R535 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R321 | 1-216-864-11 | SHORT CHIP | 0 | | | R536 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R322 | 1-216-864-11 | SHORT CHIP | 0 | | | R537 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R323 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | R538 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R324 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | R539 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R325 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | R541 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R326 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | R543 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R329 | 1-216-811-11 | METAL CHIP | 150 | 5% | 1/10W | R544 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R350 | 1-216-864-11 | SHORT CHIP | 0 | | | R546 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R351 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | R562 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R352 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R570 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R354 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R575 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R355 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R576 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R356 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | R577 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R357 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | | | R578 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R358 | 1-216-864-11 | SHORT CHIP | 0 (SUFFIX-11) | | | R579 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R360 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R582 | 1-216-811-11 | METAL CHIP | 150 | 5% | 1/10W |
| R361 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R583 | 1-216-811-11 | METAL CHIP | 150 | 5% | 1/10W |
| R370 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | R590 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R371 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W | R591 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R372 | 1-216-864-11 | SHORT CHIP | 0 | | | R592 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R400 | 1-216-864-11 | SHORT CHIP | 0 | | | R593 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R401 | 1-216-864-11 | SHORT CHIP | 0 | | | R595 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R411 | 1-216-819-11 | METAL CHIP | 680 | 5% | 1/10W | R596 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R412 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W | R597 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R441 | 1-216-864-11 | SHORT CHIP | 0 | | | | | < VIBRATOR > | | | |
| R443 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | | | | | | |
| R500 | 1-216-864-11 | SHORT CHIP | 0 | | | X300 | 1-814-108-21 | VIBRATOR, CRYSTAL (49.1MHz) | | | |
| R502 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | X500 | 1-795-058-21 | VIBRATOR, CERAMIC (5MHz) | | | |
| R503 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | | | | | | |
| R504 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | | | | | | |
| R505 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | | | | | | |

TA-SA100WR

Ver. 1.2

JOINT LED MODE SW PANEL POWER

| Ref. No. | Part No. | Description | | | Remark | | Ref. No. | Part No. | Description | | | Remark | | | | | |
|----------|--------------|--|---------|-----|--------|--|----------|--------------|-----------------------------|----------|-----|------------------|--|--|--|--|--|
| | | JOINT BOARD | | | | | | | | | | | | | | | |
| | | ***** | | | | | | | | | | | | | | | |
| | | < CAPACITOR > | | | | | | | | | | | | | | | |
| C520 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V | | FB185 | 1-500-236-22 | BEAD, FERRITE (CHIP) (1608) | | | < FERRITE BEAD > | | | | | |
| | | < CONNECTOR > | | | | | | | | | | | | | | | |
| CN507 | 1-784-869-51 | CONNECTOR, FFC (LIF (NON-ZIF)) 17P | | | | | FB285 | 1-500-236-22 | BEAD, FERRITE (CHIP) (1608) | | | | | | | | |
| CN508 | 1-821-746-11 | CONNECTOR, CARD EDGE 20P (EZW-RT10) | | | | | FB385 | 1-500-236-22 | BEAD, FERRITE (CHIP) (1608) | | | | | | | | |
| | | < FERRITE BEAD > | | | | | | | | | | | | | | | |
| FB540 | 1-400-040-22 | BEAD, FERRITE (CHIP) (1608) | | | | | FB386 | 1-500-236-22 | BEAD, FERRITE (CHIP) (1608) | | | < JACK > | | | | | |
| | | < RESISTOR > | | | | | | | | | | | | | | | |
| R601 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | | J300 | 1-819-878-51 | JACK (PHONES) | | | ***** | | | | | |
| R602 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | | | | | | | | | | | | |
| | | ***** | | | | | | | | | | | | | | | |
| | | LED BOARD | | | | | | | | | | | | | | | |
| | | ***** | | | | | | | | | | | | | | | |
| | | < LED > | | | | | | | | | | | | | | | |
| D560 | 8-719-941-07 | LED SLC-22VR3 (PAIRING) | | | | | △ C901 | 1-165-529-11 | MYLAR | 0.22uF | 10 | 275V | | | | | |
| | | ***** | | | | | △ C902 | 1-112-869-51 | CERAMIC | 470PF | 10% | 250V | | | | | |
| | | (AEP, RU, UK, E3, E15, EA, SP, KR, TH, AUS) | | | | | △ C902 | 1-112-870-51 | CERAMIC | 0.001uF | 20% | 250V | | | | | |
| | | (US, CND, TW) | | | | | △ C903 | 1-112-869-51 | CERAMIC | 470PF | 10% | 250V | | | | | |
| | | (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | | | △ C903 | 1-112-870-51 | CERAMIC | 0.001uF | 20% | 250V | | | | | |
| | | (US, CND, MX, TW) | | | | | | | | | | | | | | | |
| | | < CAPACITOR > | | | | | | | | | | | | | | | |
| C510 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | | △ C904 | 1-165-529-11 | MYLAR | 0.22uF | 10 | 275V | | | | | |
| C511 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | | △ C906 | 1-100-923-11 | ELECT | 100uF | 20% | 450V | | | | | |
| C560 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | | △ C906 | 1-114-171-11 | ELECT | 330uF | 20% | 250V | | | | | |
| | | (MX) | | | | | △ C906 | 1-114-237-11 | ELECT | 130uF | 20% | 450V | | | | | |
| | | (E32) | | | | | △ C907 | 1-165-883-21 | CERAMIC CHIP | 10000PF | 10% | 630V | | | | | |
| | | (US, CND, MX, TW) | | | | | | | | | | | | | | | |
| | | < CONNECTOR > | | | | | | | | | | | | | | | |
| CN509 | 1-564-704-41 | PIN, CONNECTOR (SMALL TYPE) 2P | | | | | △ C907 | 1-165-886-21 | CERAMIC CHIP | 3300PF | 10% | 630V | | | | | |
| | | (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | | | △ C908 | 1-117-631-11 | FILM | 3300PF | 3% | 1.2KV | | | | | |
| | | (US, CND, MX, TW) | | | | | △ C908 | 1-125-893-11 | FILM | 680PF | 3% | 1.5KV | | | | | |
| | | (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | | | △ C909 | 1-107-906-91 | ELECT | 10uF | 20% | 50V | | | | | |
| | | (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | | | △ C910 | 1-164-315-91 | CERAMIC CHIP | 470PF | 5% | 50V | | | | | |
| | | (US, CND, MX, TW) | | | | | | | | | | | | | | | |
| | | < RESISTOR > | | | | | | | | | | | | | | | |
| R534 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | | △ C911 | 1-100-152-91 | CERAMIC CHIP | 100PF | 5% | 100V | | | | | |
| R535 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | | △ C912 | 1-115-339-91 | CERAMIC CHIP | 0.1uF | 10% | 50V | | | | | |
| | | < SWITCH > | | | | | △ C913 | 1-107-930-91 | ELECT | 22uF | 20% | 100V | | | | | |
| | | (SPEAKER, SURROUND SELECTOR) | | | | | △ C914 | 1-162-966-91 | CERAMIC CHIP | 0.0022uF | 10% | 50V | | | | | |
| S501 | 1-798-107-11 | SWITCH, SLIDE | | | | | △ C915 | 1-104-962-91 | ELECT | 47uF | 20% | 35V | | | | | |
| | | (S-AIR ID, A, B, C) | | | | | | | | | | | | | | | |
| S502 | 1-798-148-11 | SWITCH, SLIDE (S-AIR ID, A, B, C) | | | | | △ C916 | 1-162-970-91 | CERAMIC CHIP | 0.01uF | 10% | 25V | | | | | |
| S503 | 1-692-431-21 | SWITCH, TACTILE (S-AIR ID, PAIRING) | | | | | △ C917 | 1-162-970-91 | CERAMIC CHIP | 0.01uF | 10% | 25V | | | | | |
| | | ***** | | | | | △ C918 | 1-165-886-21 | CERAMIC CHIP | 3300PF | 10% | 630V | | | | | |
| | | < SWITCH > | | | | | | | | | | | | | | | |
| | | (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | | | △ C919 | 1-100-922-11 | ELECT | 330uF | 20% | 200V | | | | | |
| | | (US, CND, TW) | | | | | △ C920 | 1-112-866-51 | CERAMIC | 100PF | 10% | 250V | | | | | |
| | | (US, CND, MX, TW) | | | | | | | | | | | | | | | |
| | | < CAPACITOR > | | | | | △ C920 | 1-112-869-51 | CERAMIC | 470PF | 10% | 250V | | | | | |
| C185 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V | | △ C925 | 1-112-870-51 | CERAMIC | 0.001uF | 20% | 250V | | | | | |
| C285 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V | | | | | | | | | | | | |
| C385 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | | C930 | 1-125-782-91 | CERAMIC | 4700PF | 10% | 1KV | | | | | |
| C386 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | | | | | | | | | | | | |
| | | < DIODE > | | | | | | | | | | | | | | | |
| D385 | 6-501-817-01 | DIODE MA2J1110GLS0 | | | | | | | | | | | | | | | |
| D386 | 6-501-817-01 | DIODE MA2J1110GLS0 | | | | | | | | | | | | | | | |
| D580 | 8-719-920-55 | LED SPR-54MVW (POWER/ON LINE) | | | | | | | | | | | | | | | |

| Ref. No. | Part No. | Description | Remark | | | Ref. No. | Part No. | Description | Remark | | |
|----------------------|--------------|--|-----------------|------------|------------|----------------|--------------|--|--------|-------------------|--|
| C931 | 1-128-959-21 | ELECT CERAMIC CHIP | 1000uF 0.1uF | 20% 10% | 35V 50V | ▲ R905 | 1-215-902-51 | METAL OXIDE | 47K | 5% | 1W F (US, CND, MX, TW) |
| C932 | 1-115-339-11 | | | | | ▲ R905 | 1-218-642-51 | METAL OXIDE | 100K | 5% | 1W F (AEP, RU, UK, E3, E15, EA, SP, KR, TH, AUS) |
| C933 | 1-125-898-91 | CERAMIC CHIP | 0.22uF | 10% | 50V | ▲ R906 | 1-215-904-51 | METAL OXIDE | 100K | 5% | 2W F (US, CND, MX, TW) |
| C935 | 1-115-339-11 | CERAMIC CHIP | 0.1uF | 10% | 50V | ▲ R906 | 1-216-468-51 | METAL OXIDE | 82K | 5% | 2W F (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) |
| < CONNECTOR > | | | | | | | | | | | |
| ▲ CN901 | 1-564-321-11 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | | ▲ R908 | 1-216-361-61 | METAL OXIDE | 0.22 | 5% | 2W F (US, CND, MX, TW) |
| ▲ CN904 | 1-691-770-11 | PLUG (MICRO CONNECTOR) 8P | | | | ▲ R908 | 1-245-277-61 | METAL OXIDE | 0.36 | 5% | 2W F (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) |
| ▲ D901 | 8-719-077-77 | DIODE D3SB60F3 | | | | ▲ R910 | 1-216-809-91 | METAL CHIP | 100 | 5% | 1/10W |
| ▲ D902 | 6-500-241-01 | DIODE SARS03 | | | | ▲ R911 | 1-216-821-91 | METAL CHIP | 1K | 5% | 1/10W |
| ▲ D904 | 8-719-200-93 | DIODE 11EQS10-TA2 | | | | ▲ R912 | 1-247-831-81 | CARBON | 1K | 5% | 1/4W |
| ▲ D905 | 8-719-079-19 | DIODE MTZJ-T-72-20B | | | | ▲ R913 | 1-247-829-81 | CARBON | 820 | 5% | 1/4W |
| ▲ D906 | 8-719-079-19 | DIODE MTZJ-T-72-20B | | | | ▲ R914 | 1-216-829-91 | METAL CHIP | 4.7K | 5% | 1/10W |
| ▲ D907 | 6-501-817-01 | DIODE MA2J1110GLS0 | | | | ▲ R915 | 1-249-401-81 | CARBON | 47 | 5% | 1/4W |
| ▲ D908 | 8-719-200-93 | DIODE 11EQS10-TA2 | | | | ▲ R917 | 1-247-867-81 | CARBON | 33K | 5% | 1/4W |
| ▲ D909 | 6-501-817-01 | DIODE MA2J1110GLS0 | | | | ▲ R917 | 1-247-871-81 | CARBON | 47K | 5% | 1/4W (US, CND, MX, TW) |
| ▲ D910 | 6-501-736-01 | DIODE MAZ8062G0LS0 | | | | ▲ R919 | 1-216-823-91 | METAL CHIP | 1.5K | 5% | 1/10W |
| ▲ D911 | 6-500-593-41 | DIODE 10EDB60-TA2B5 | | | | ▲ R920 | 1-216-829-91 | METAL CHIP | 4.7K | 5% | 1/10W |
| ▲ D913 | 6-501-736-01 | DIODE MAZ8062G0LS0 | | | | ▲ R921 | 1-216-843-91 | METAL CHIP | 68K | 5% | 1/10W |
| ▲ D914 | 6-501-758-01 | DIODE MAZ8100G0LS0 | | | | ▲ R922 | 1-247-867-81 | CARBON | 33K | 5% | 1/4W |
| ▲ D916 | 6-501-740-01 | DIODE MAZ8068G0LS0 (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | | ▲ R922 | 1-247-871-81 | CARBON | 47K | 5% | 1/4W (US, CND, MX, TW) |
| ▲ D917 | 6-501-817-01 | DIODE MA2J1110GLS0 | | | | ▲ R925 | 1-215-902-51 | METAL OXIDE | 47K | 5% | 2W F (E32) |
| ▲ D918 | 6-501-794-01 | DIODE MAZ8330G0LS0 | | | | ▲ R927 | 1-216-363-61 | METAL OXIDE | 0.33 | 5% | 2W F (US, CND, MX, TW) |
| D921 | 8-719-313-14 | DIODE FML-22S | | | | ▲ R927 | 1-216-365-61 | METAL OXIDE | 0.47 | 5% | 2W F (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) |
| < FUSE HOLDER > | | | | | | | | | | | |
| ▲ FH901 | 1-533-217-41 | FUSE HOLDER | | | | ▲ R928 | 1-216-829-91 | METAL CHIP | 4.7K | 5% | 1/10W |
| ▲ FH902 | 1-533-217-41 | FUSE HOLDER | | | | ▲ R929 | 1-216-864-91 | SHORT CHIP | 0 | (US, CND, MX, TW) | |
| < FUSIBLE RESISTOR > | | | | | | | | | | | |
| ▲ FR901 | 1-220-886-61 | FUSIBLE | 0.1 | 10% | 1W F | R931 | 1-218-726-11 | METAL CHIP | 27K | 0.5% | 1/10W |
| < IC > | | | | | | | | | | | |
| ▲ IC901 | 6-706-347-01 | IC STR-W6735N (US, CND, MX, TW) | | | | R932 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| ▲ IC901 | 6-706-348-01 | IC STR-W6765N (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | | R933 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| IC905 | 6-707-799-01 | IC NJM1431AU (TE2) | | | | R934 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| < LINE FILTER > | | | | | | | | | | | |
| ▲ LF901 | 1-419-889-11 | COIL, LINE FILTER (US, CND, E32, MX, TW) | | | | R935 | 1-218-700-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| ▲ LF901 | 1-457-083-11 | COIL, LINE FILTER (AEP, RU, UK, E3, E15, EA, SP, KR, TH, AUS) | | | | R938 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| < PHOTO COUPLER > | | | | | | | | | | | |
| ▲ PC901 | 6-600-438-01 | PHOTO COUPLER TLP421F (D4-GRJ) | | | | R939 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| ▲ PC902 | 6-600-276-01 | PHOTO COUPLER PS2561AL1-V-W | | | | R945 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| ▲ PC903 | 6-600-276-01 | PHOTO COUPLER PS2561AL1-V-W | | | | R946 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| < TRANSFORMER > | | | | | | | | | | | |
| ▲ Q901 | 8-729-802-94 | TRANSISTOR 2SD1388TP-4 | | | | ▲ T901 | 1-443-996-11 | TRANSFORMER, CONVERTER (AEP, RU, UK, E3, E15, E32, EA, SP, KR, TH, AUS) | | | |
| ▲ Q902 | 8-729-038-12 | TRANSISTOR RT1P141C-TP-1 | | | | ▲ T901 | 1-443-997-11 | TRANSFORMER, CONVERTER (US, CND, MX, TW) | | | |
| ▲ Q903 | 8-729-038-28 | TRANSISTOR RT1N441C-TP-1 | | | | < THERMISTOR > | | | | | |
| < RESISTOR > | | | | | | | | | | | |
| ▲ R902 | 1-219-759-91 | METAL | 1M | 5% | 1/2W F | ▲ TH901 | 1-805-799-11 | THERMISTOR, NTC 8.0 | | | |
| < VARISTOR > | | | | | | | | | | | |
| < VARISTOR > | | | | | | | | | | | |
| ▲ VDR901 | 1-805-482-11 | VARISTOR | | | | ***** | ***** | ***** | ***** | ***** | ***** |

TA-SA100WR

Ver. 1.2

POWER SW **SP TERM**

| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u> | <u>Remark</u> |
|-----------------|-----------------|--------------------|---------------|
|-----------------|-----------------|--------------------|---------------|

POWER SW BOARD

< CONNECTOR >

△ CN905 1-695-044-11 PIN, CONNECTOR (3.96mm PITCH) 2P
△ CN906 1-695-044-11 PIN, CONNECTOR (3.96mm PITCH) 2P

< SWITCH >

△ S901 1-571-433-31 SWITCH, PUSH (AC POWER) (POWER)

SP TERM BOARD

< CAPACITOR >

| | | | | | |
|------|--------------|--------------|--------|-----|-----|
| C122 | 1-107-443-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C123 | 1-107-443-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C222 | 1-107-443-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C223 | 1-107-443-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |

< CONNECTOR >

CN302 1-691-766-11 PLUG (MICRO CONNECTOR) 4P

< TERMINAL >

TB300 1-780-590-11 TERMINAL BOARD (SPEAKER) 2P (SPEAKER)

MISCELLANEOUS

| | | |
|--------|--------------|---|
| △ 52 | 1-769-079-61 | CORD, POWER (KR) |
| △ 52 | 1-827-597-42 | CORD, POWER (TW) |
| △ 52 | 1-834-288-11 | POWER-SUPPLY CORD (TH) |
| △ 52 | 1-834-966-21 | CORD, POWER (AEP, RU, E3, E15, E32, EA, SP) |
| △ 52 | 1-834-967-21 | CORD, POWER (AUS) |
| △ 52 | 1-834-978-11 | CORD, POWER (US, CND, MX) |
| △ 52 | 1-835-078-21 | CORD, POWER (UK) |
| △ 152 | 1-823-718-11 | WIRE (FLAT TYPE) (17 CORE) |
| △ F901 | 1-533-453-12 | FUSE, GLASS TUBE (DIA. 5) (5A/125V) (US, CND, MX, TW) |
| △ F901 | 1-576-230-51 | FUSE (H.B.C.) (T3.15AH/250V) (AEP, RU, UK, E3, E15, EA, SP, KR, TH, AUS) |
| △ F901 | 1-576-232-51 | FUSE (H.B.C.) (T5AH/250V) (E32) |

ACCESSORIES

| | | |
|---|--------------|-------------------------------|
| △ | 1-569-008-22 | ADAPTOR, CONVERSION 2P (E32) |
| △ | 1-770-019-71 | ADAPTOR, CONVERSION PLUG (EA) |

MEMO

