HT-CT260H
SA-CT260H

SERVICE MANUAL

Ver. 1.1 2013.11

US Model
Canadian Model
AEP Model
UK Model
Australian Model

- All of the units included in the HT-CT260H (SA-CT260H/SA-WCT260H) are required to confirming operation of SA-CT260H. Check in advance that you have all of the units.

COMPONENT MODEL NAME

	HT-CT260H
Sound Bar (Active speaker system)	SA-CT260H
Subwoofer (Active Subwoofer)	SA-WCT260H

- Please refer to service manual separatery issued for subwoofer.

SPECIFICATIONS

Formats supported by this system

Dolby Digital
DTS
Linear PCM 2ch 48 kHz or less

HDMI
Input/Output (HDMI Repeater block)

File	2D	3D		
		Frame packing	Side-by-Side (Half)	Over-Under (Top-and - Bottom)
1920 × 1080p @ 59.94/60 Hz	○	–	–	–
1920 × 1080p @ 50 Hz	○	–	–	–
1920 × 1080p @ 23.98/24 Hz	○	○	–	○
1920 × 1080i @ 59.94/60 Hz	○	–	○	–
1920 × 1080i @ 50 Hz	○	–	○	–
1280 × 720p @ 59.94/60 Hz	○	○	–	○
1280 × 720p @ 50 Hz	○	○	–	○
720 × 480p @ 59.94/60 Hz	○	–	–	–
720 × 576p @ 50 Hz	○	–	–	–
640 × 480p @ 59.94/60 Hz	○	–	–	–

Amplifier section

U.S. models:
POWER OUTPUT AND TOTAL HARMONIC DISTORTION :
(FTC)
Front L + Front R:
With 4 ohms loads, both channels driven, from 200 - 20,000 Hz; rated 25 Watts per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 milliwatts to rated output.
POWER OUTPUT (reference)
Front L/Front R: 85 W
(per channel at 4 ohms, 1 kHz)

Canadian AEP, UK and Australian models:
POWER OUTPUT (rated)
Front L + Front R: 50 W + 50 W
(at 4 ohms, 1 kHz, 1% THD)
POWER OUTPUT (reference)
Front L/Front R: 85 W (per channel at 4 ohms, 1 kHz)
Inputs
HDMI IN
ANALOG IN
OPTICAL IN
Output
HDMI TV OUT (ARC)

BLUETOOTH section

Communication system
BLUETOOTH Specification version 3.0
Output
BLUETOOTH Specification Power Class 2
Maximum communication range
Line of sight approx. 10 m (33 feet) 1)
Frequency band
2.4 GHz band (2.4000 GHz - 2.4835 GHz)
Modulation method
FHSS (Freq Hopping Spread Spectrum)
Compatible BLUETOOTH profiles 2)
A2DP (Advanced Audio Distribution Profile)
AVRCP 1.4 (Audio Video Remote Control Profile)
Supported Codecs 3)
SBC 4)
Transmission range (A2DP)
20 Hz - 20,000 Hz (Sampling frequency 44.1 kHz)

1) The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, cordless phone, reception sensitivity, operating system, software application, etc.
2) BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.
3) Codec: Audio signal compression and conversion format
4) Subband Codec

Front speaker unit

Speaker system
Full range speaker system, Bass Reflex
Speaker unit
Woofer: 55 mm × 80 mm
(2 1/4 in × 3 1/4 in) cone type
Rated impedance
4 ohms

General

Power requirements
120 V AC, 60 Hz (US and Canadian models)
220 V - 240 V AC, 50/60 Hz
(AEP, UK and Australian models)
Power consumption
On: 32 W
"Control for HDMI" is off (Standby mode): 0.5 W or less
BLUETOOTH Standby mode: 0.5 W or less
Dimensions (approx.)
940 mm × 102 mm × 95 mm
(37 1/8 in × 4 1/8 in × 3 3/4 in)
(with stands)
940 mm × 90 mm × 100 mm
(37 1/8 in × 3 5/8 in × 4 in)
(without stands)

Mass (approx.)
2.2 kg (4 lb 13 5/8 oz)

Wireless transmitter/receiver

Frequency band
2.4 GHz band (2.404 GHz - 2.476 GHz)
Modulation method
GFSK

Design and specifications are subject to change without notice.

- Standby power consumption: 0.5 W or less (Sound Bar), 0.5 W or less (Subwoofer)

HT-CT260H
HOME THEATRE SYSTEM
SA-CT260H
ACTIVE SPEAKER SYSTEM

9-893-767-02
2013K33-1

Sony Corporation
Published by Sony Techno Create Corporation

SONY®

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)

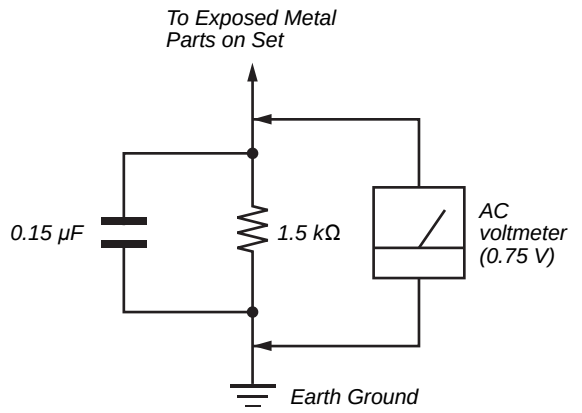


Fig. A. Using an AC voltmeter to check AC leakage.

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.

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.

TABLE OF CONTENTS

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

SECTION 1
SERVICING NOTES

ADVANCE PREPARATION WHEN CONFIRMING OPERATION

All of the units included in the HT-CT260H (SA-CT260H/SA-WCT260H) are required to confirming operation of SA-CT260H. Check in advance that you have all of the units.

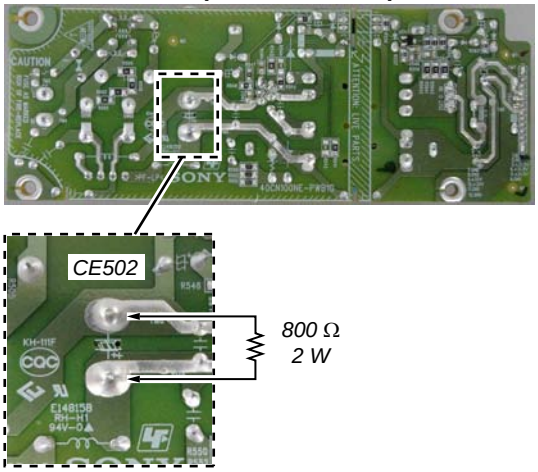
ABOUT PART REPAIR OF EACH BOARD

When mounted parts on each board installed by this unit are defective, replace the complete mounted board.
However the U701 on the MAIN board is exchangeable. Refer to "ELECTRICAL PARTS LIST" (page 40) for U701.

CAPACITOR ELECTRICAL DISCHARGE PROCESSING

When checking the board, for the electric shock prevention, connect the resistors to both ends of respective capacitor (CE502) to discharge the capacitor (CE502).

– POWER Board (Conductor Side) –



SOFTWARE VERSION DISPLAY

You can set the following items with AMP MENU on the remote control.
Your settings are retained even if you disconnect the AC power cord (mains lead).

1 **Press AMP MENU to turn on the AMP menu.**

2 **Press ← (return) / ↑ ↓ (select)/ → (proceed) repeatedly to select the item and press ⊕ to decide the setting.**

3 **Press AMP MENU to turn off the AMP menu.**

Menu items	Function
SYSTEM VERSION	The current firmware version information appears on the front panel display.

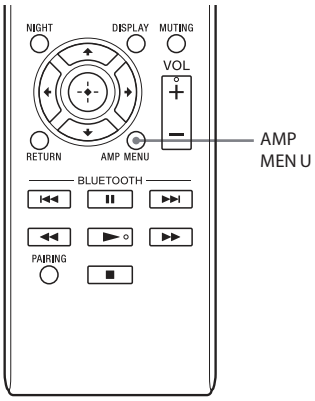
NOTE OF REPLACING THE WS T BOARD

When the WS T board is exchanged, you must perform linking between SA-CT260H and SA-WCT260H.

Linking method:

This operation requires a remote commander.

You can link the Sound Bar (SA-CT260H) and the subwoofer (SA-WCT260H) again to enable wireless transmission between them.



1 **Press LINK on the rear of the subwoofer with the point of a pen, etc .**
The subwoofer keeps beeping for a certain time. Perform steps 2 to 5 before the subwoofer stops beeping.

2 **Press AMP MENU.**

3 **Select "WS" with ↑ ↓ (select), then press ⊕.**

4 **Select "LINK," then press ⊕.**

5 **"START" appears, then press ⊕.**
"SEARCH" appears, and the Sound Bar searches for equipment that can be used with Link. Proceed to the next step within 1 minute.
To quit the Link function during a search for equipment, press ←.
When subwoofer is linked with the Sound Bar, the I/⏻ indicator on the subwoofer lights up in green and the subwoofer beeps once.
"OK" appears on the front panel display.
If "FAILED" appears or the subwoofer does not stop beeping, perform the process again from step 1.

6 **Press AM P MENU.**
The AMP menu turns off.

MODEL IDENTIFICATION

Distinguish by model number label stuck on the rear side of a main unit.

MODEL NUMBER LABEL

US and Canadian models

4-463-506-0□

AEP model

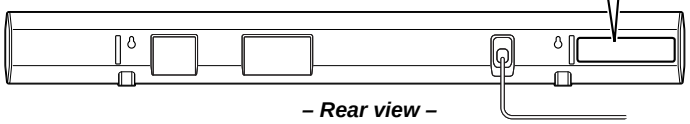
4-463-507-0□

UK model

4-463-508-0□

Australina model

4-463-509-0□

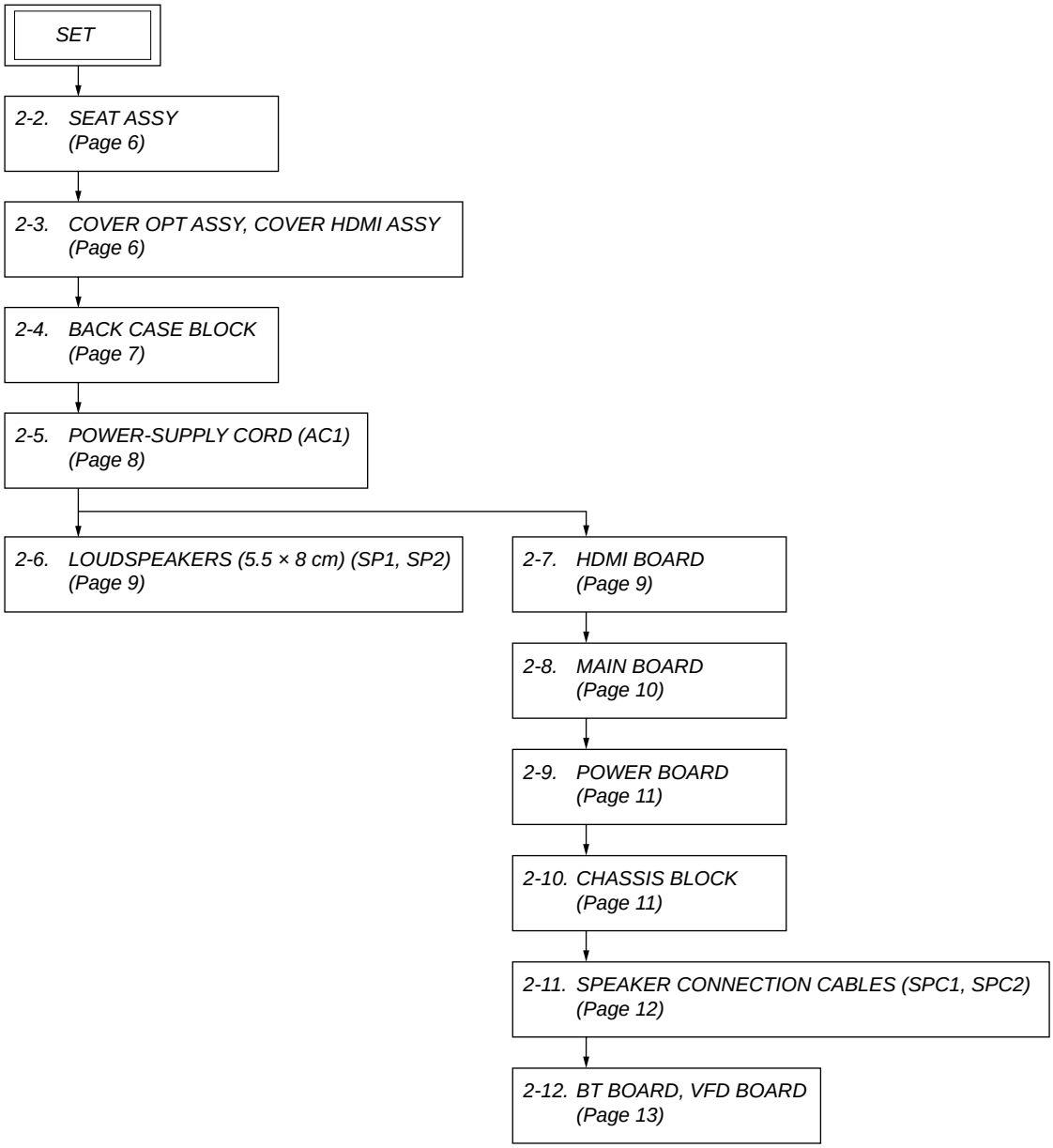


– Rear view –

SECTION 2
DISASSEMBLY

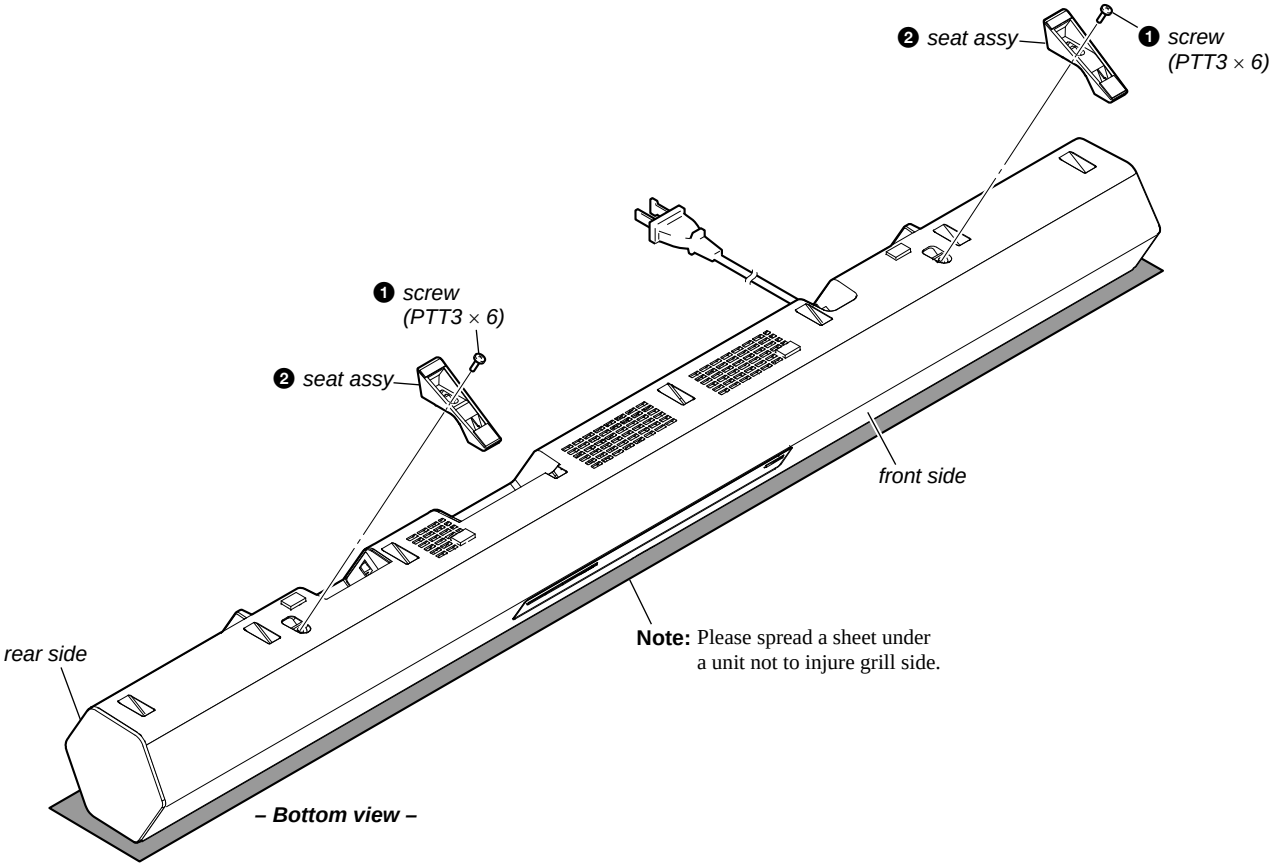
- This set can be disassembled in the order shown below.

2-1. DISASSEMBLY FLOW



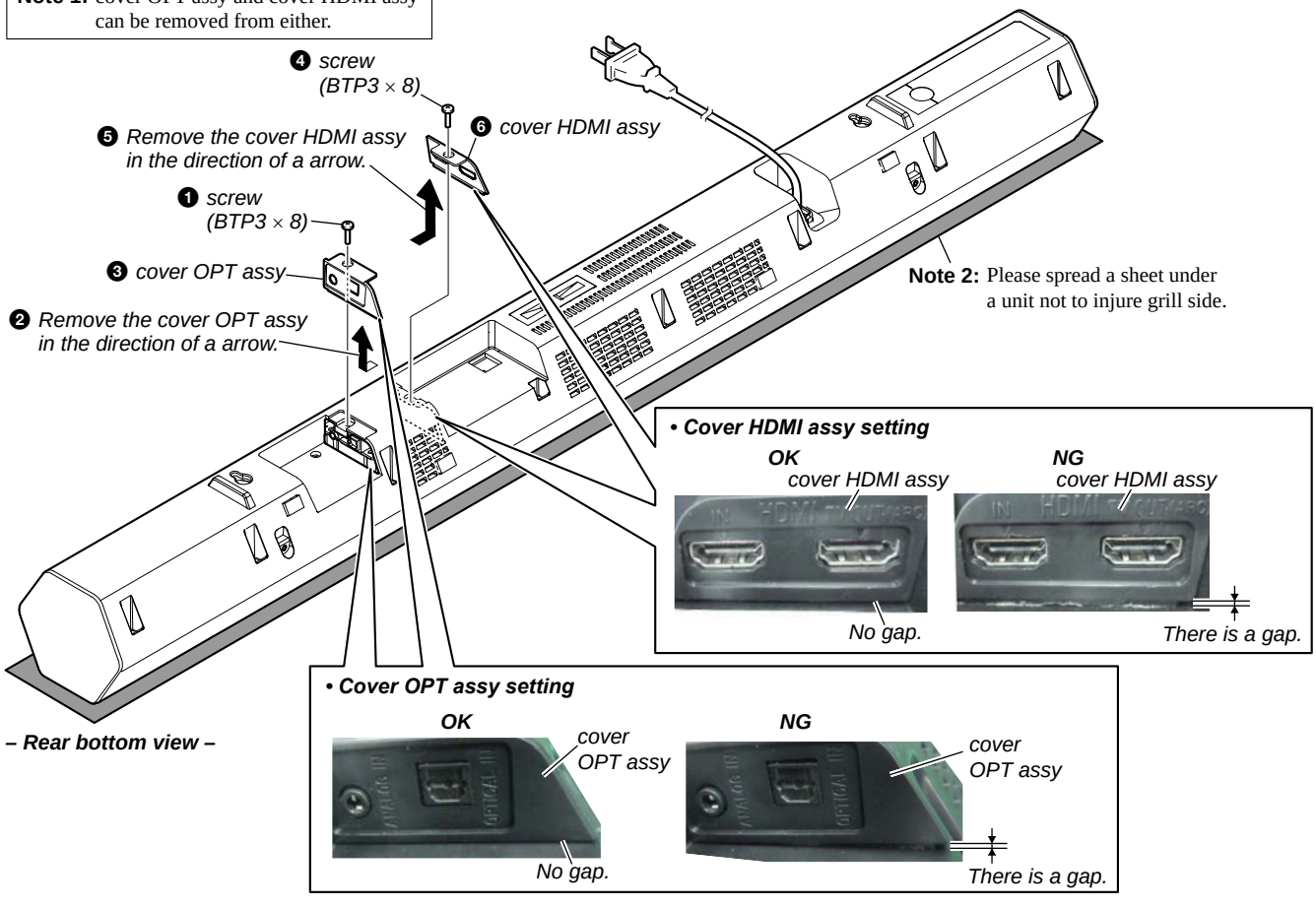
Note: Follow the disassembly procedure in the numerical order given.

2-2. SEAT ASSY

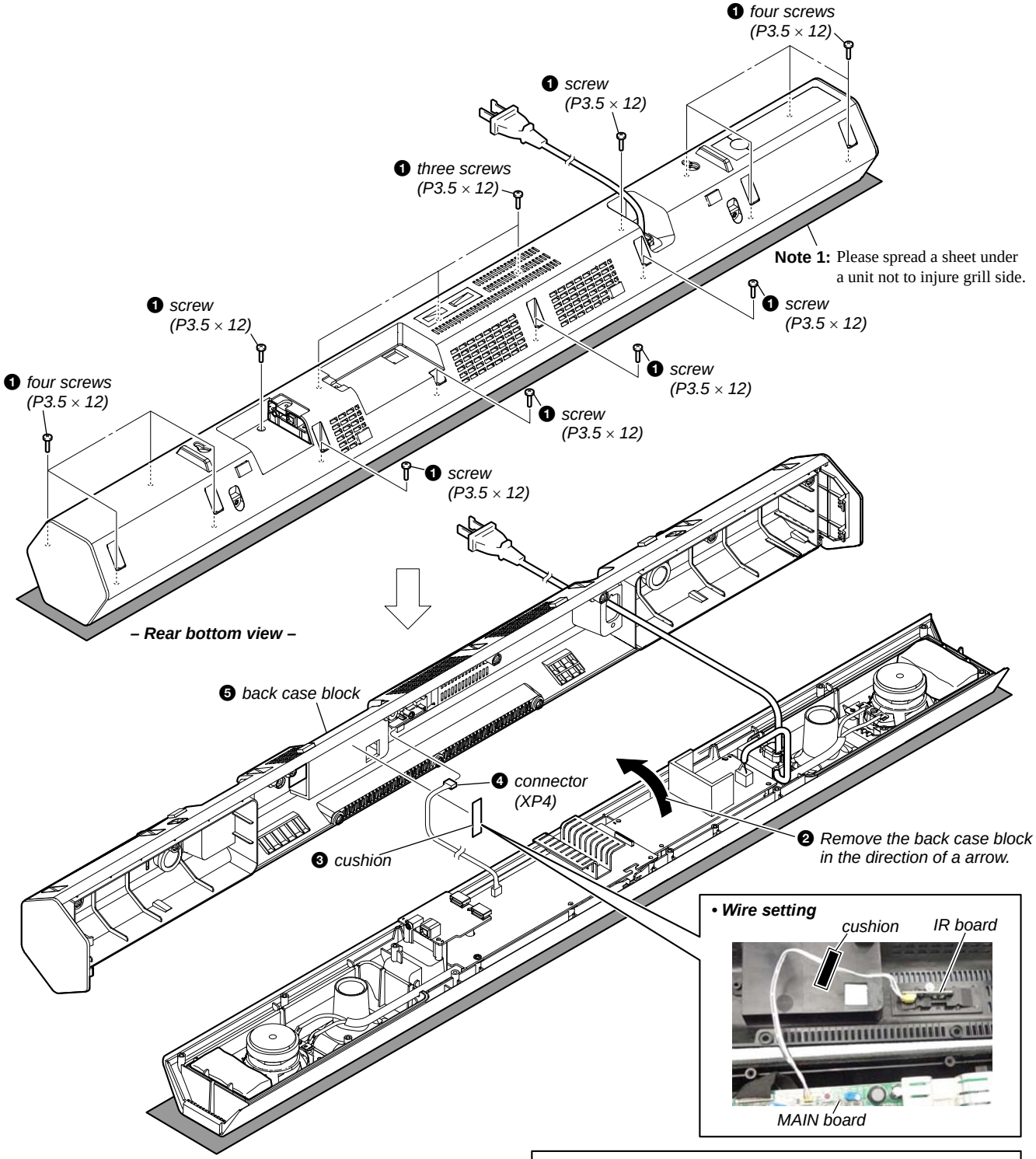


2-3. COVER OPT ASSY, COVER HDMI ASSY

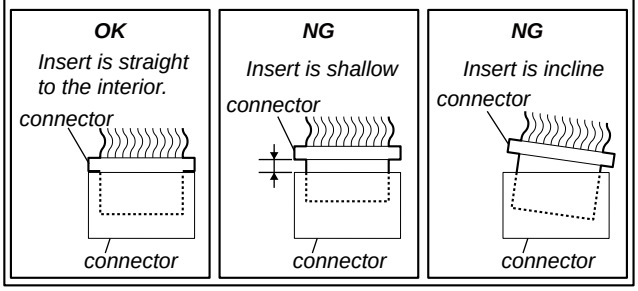
Note 1: cover OPT assy and cover HDMI assy can be removed from either.



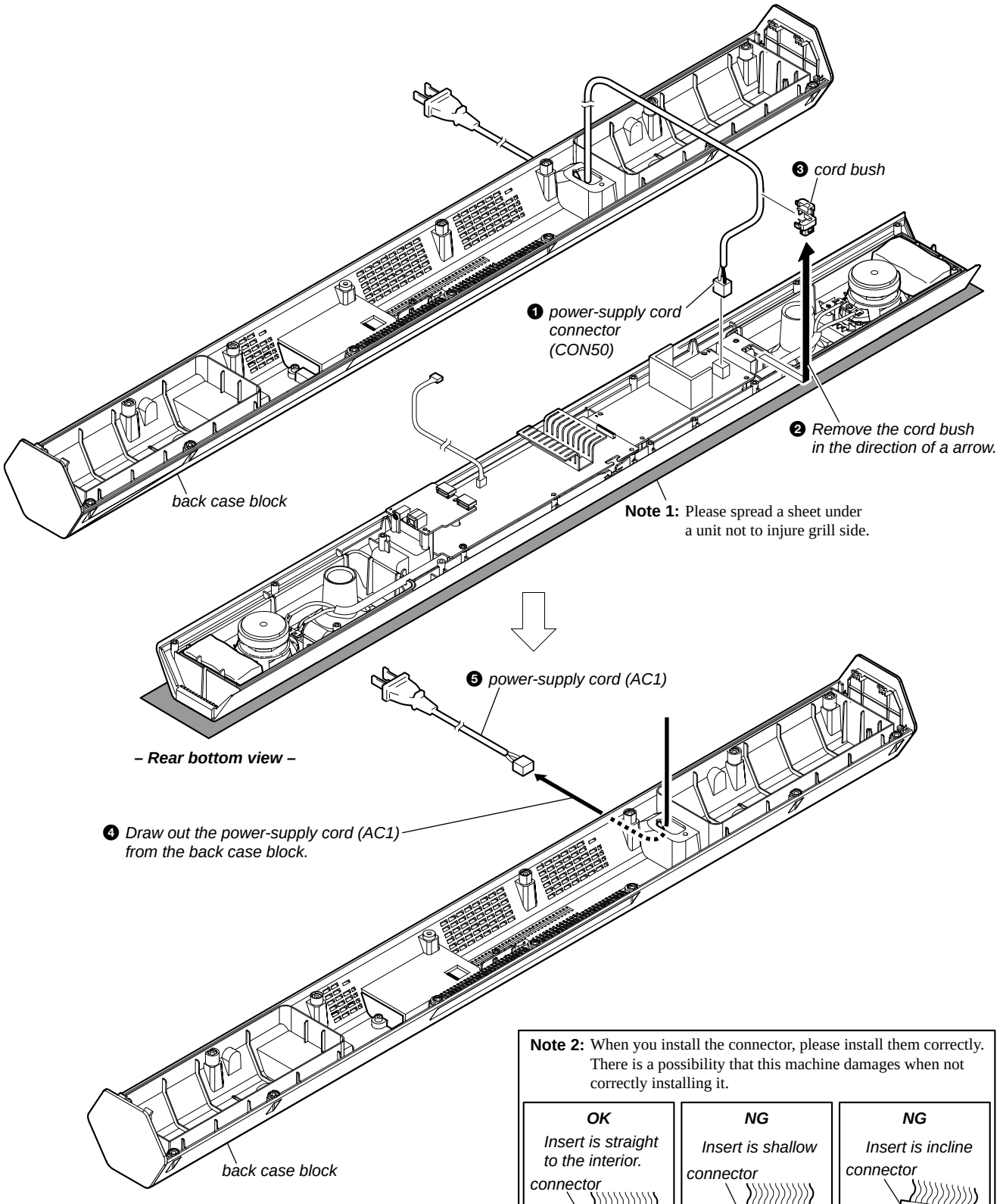
2-4. BACK CASE BLOCK



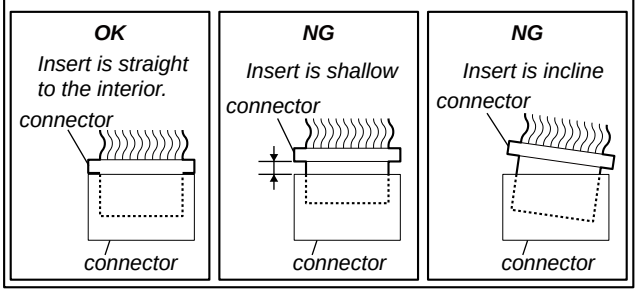
Note 2: When you install the connector, please install them correctly. There is a possibility that this machine damages when not correctly installing it.



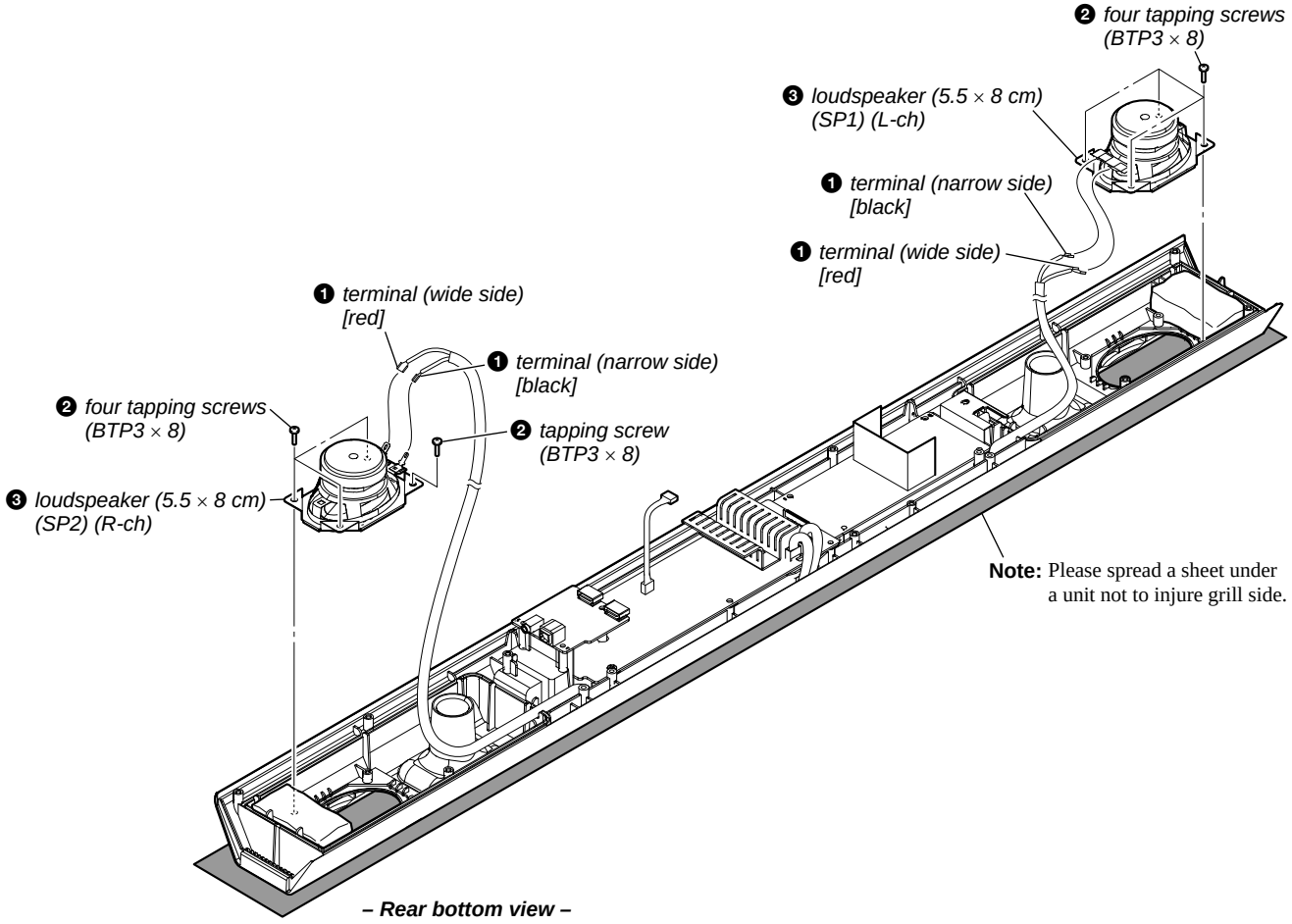
2-5. POWER-SUPPLY CORD (AC1)



Note 2: When you install the connector, please install them correctly. There is a possibility that this machine damages when not correctly installing it.

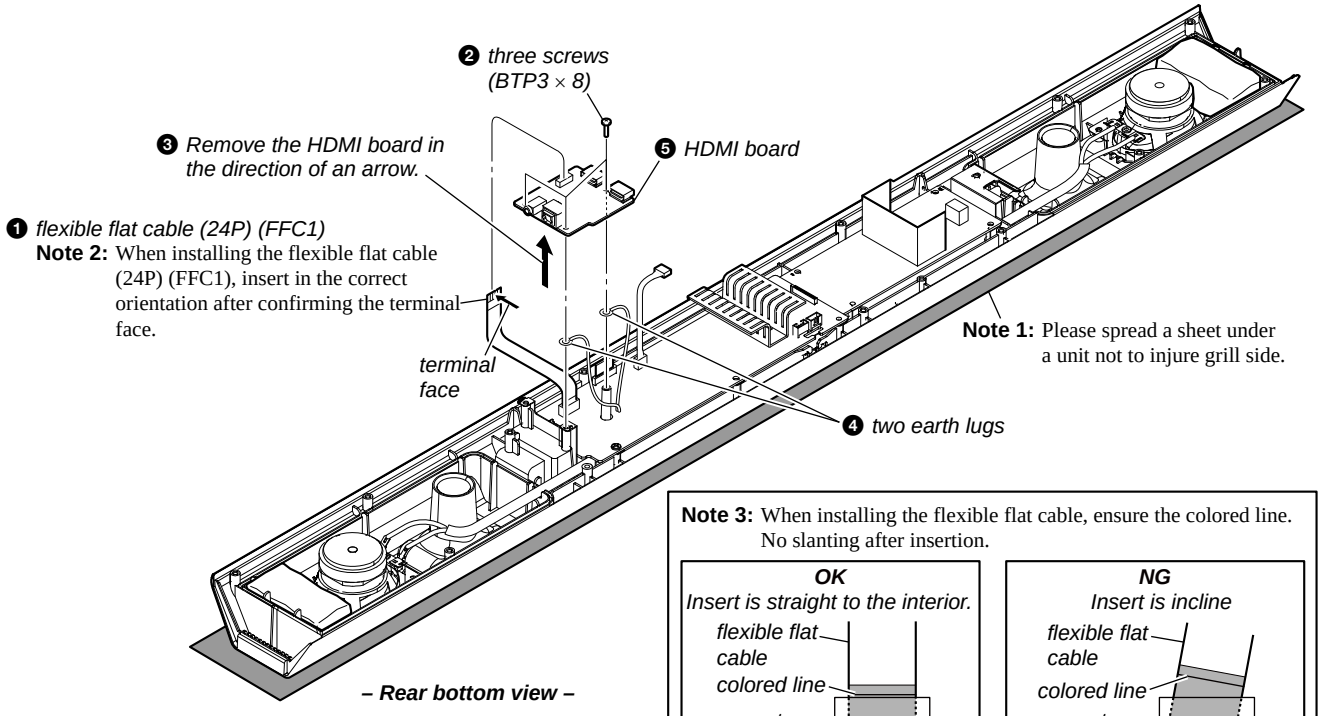


2-6. LOUDSPEAKERS (5.5 × 8 cm) (SP1, SP2)



– Rear bottom view –

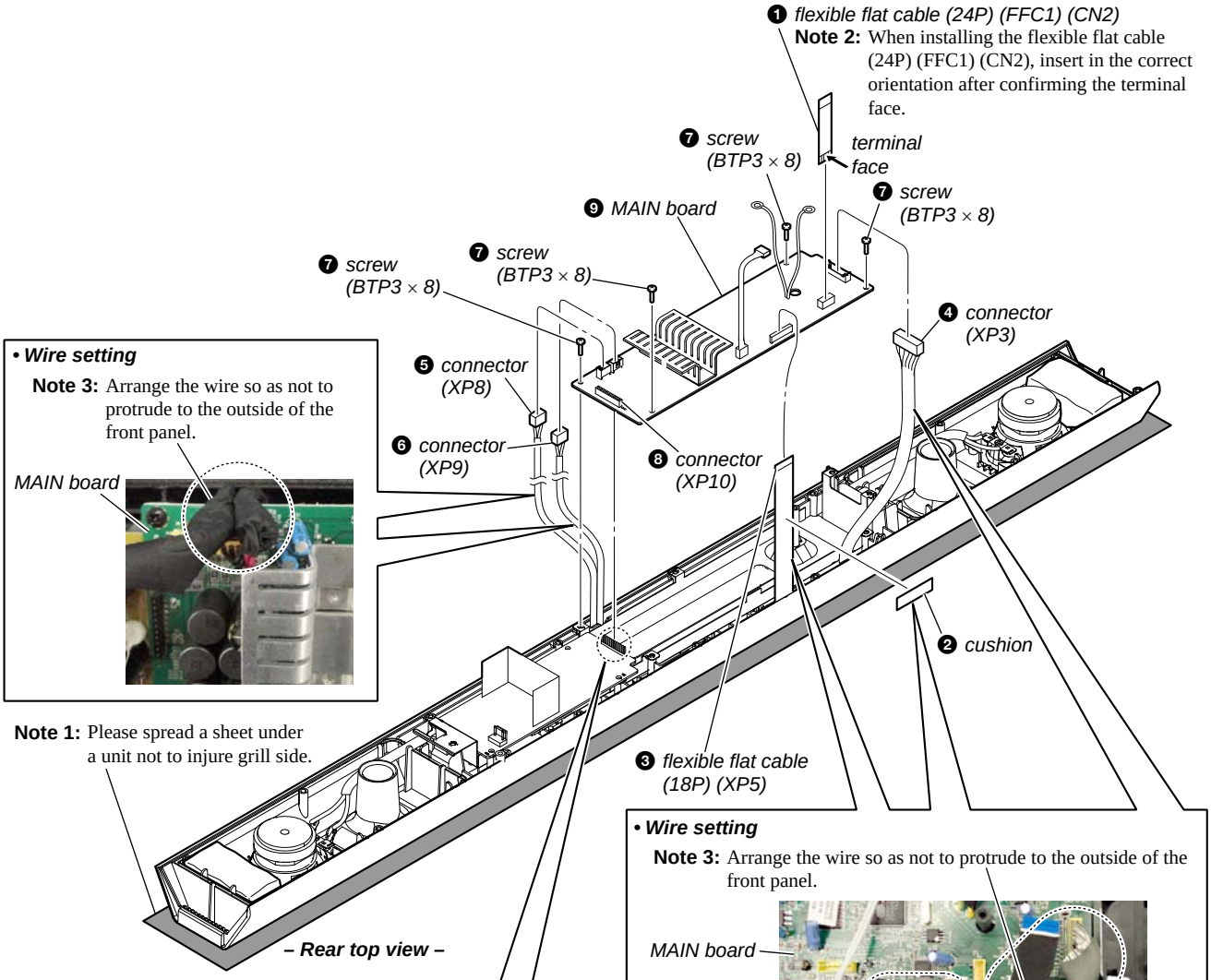
2-7. HDMI BOARD



– Rear bottom view –

Note 3: When installing the flexible flat cable, ensure the colored line. No slanting after insertion.

2-8. MAIN BOARD

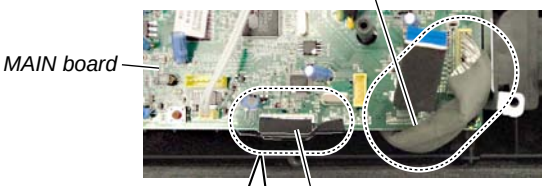


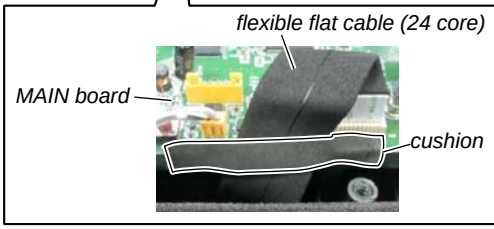
• Wire setting

Note 3: Arrange the wire so as not to protrude to the outside of the front panel.

• Wire setting

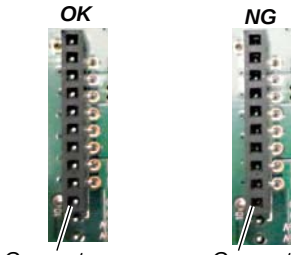
Note 3: Arrange the wire so as not to protrude to the outside of the front panel.



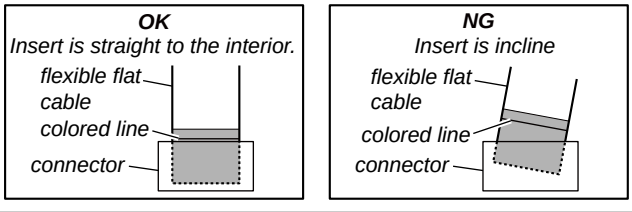


• Connector setting

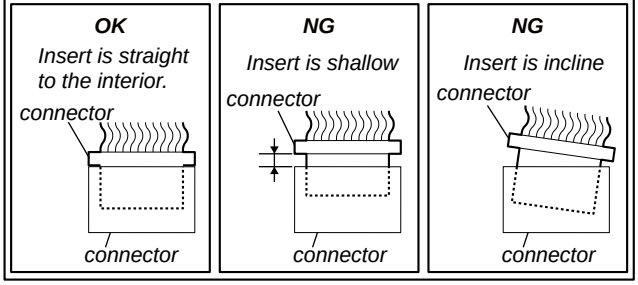
Note 4: Check that the connector has fitted in firmly.



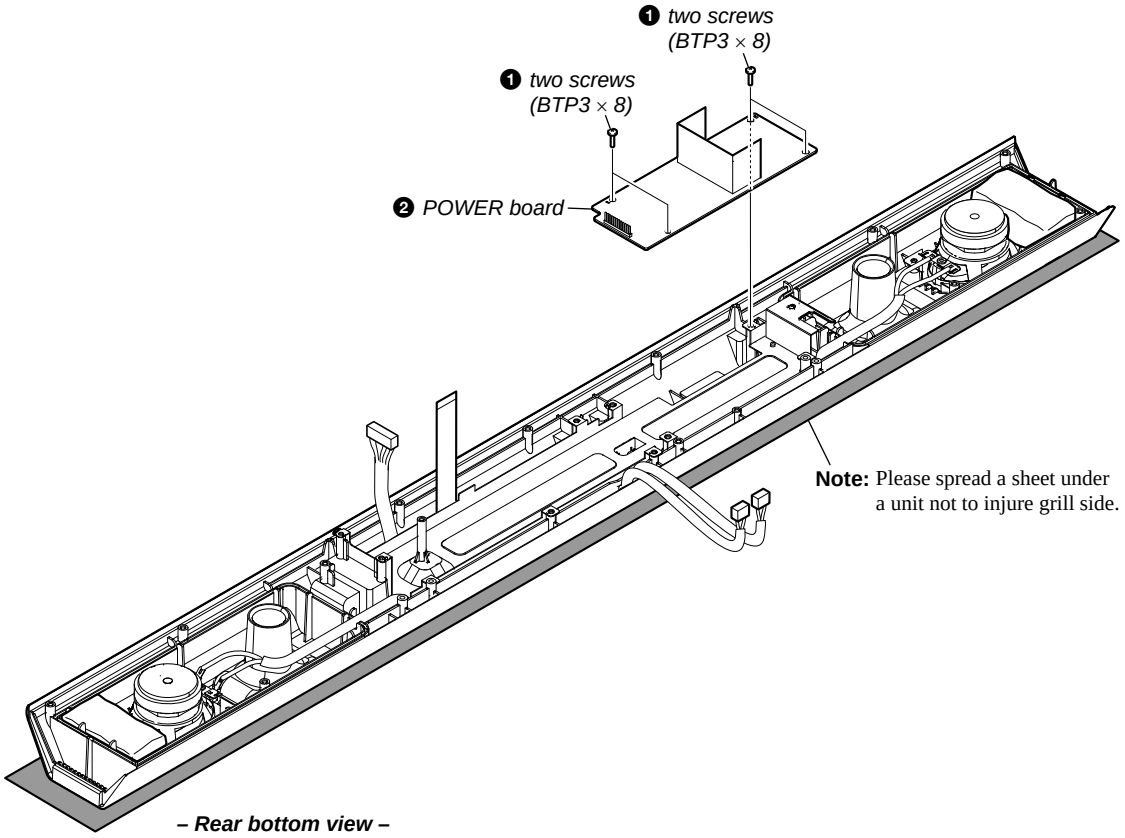
Note 5: When installing the flexible flat cable, ensure the colored line. No slanting after insertion.



Note 6: When you install the connector, please install them correctly. There is a possibility that this machine damages when not correctly installing it.

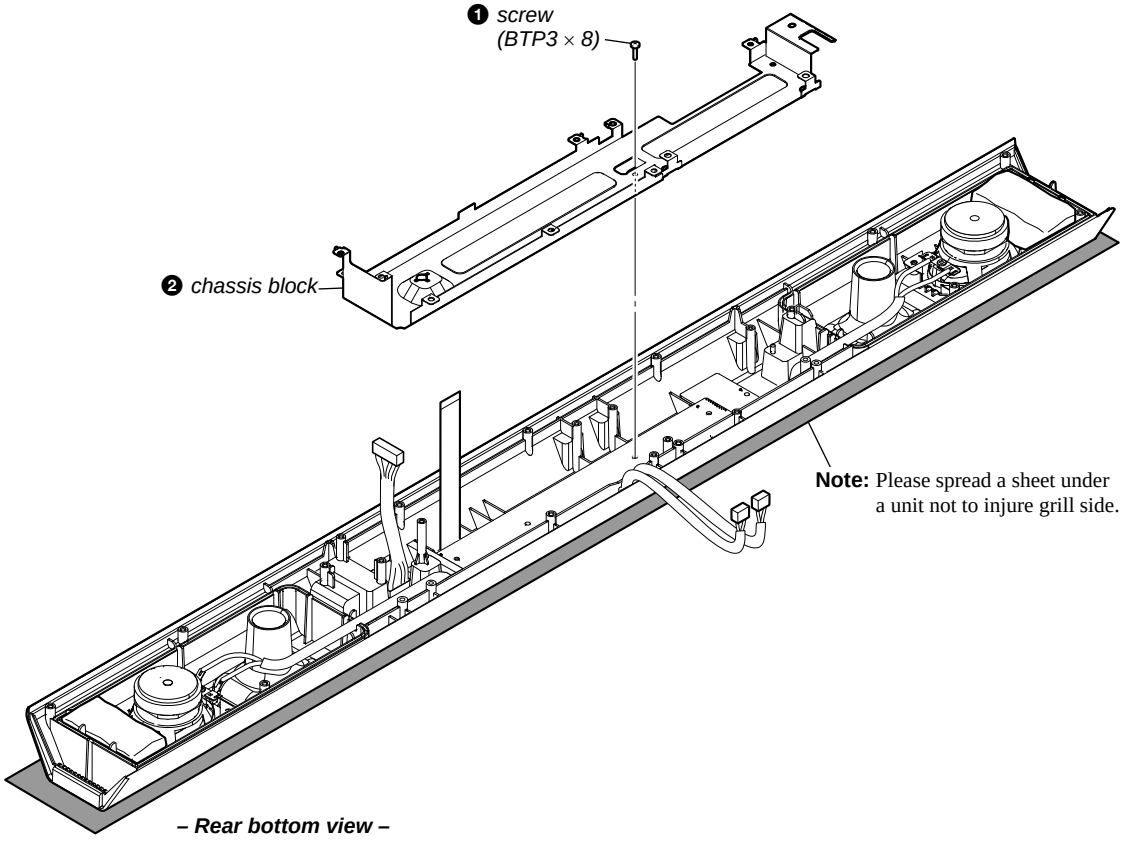


2-9. POWER BOARD



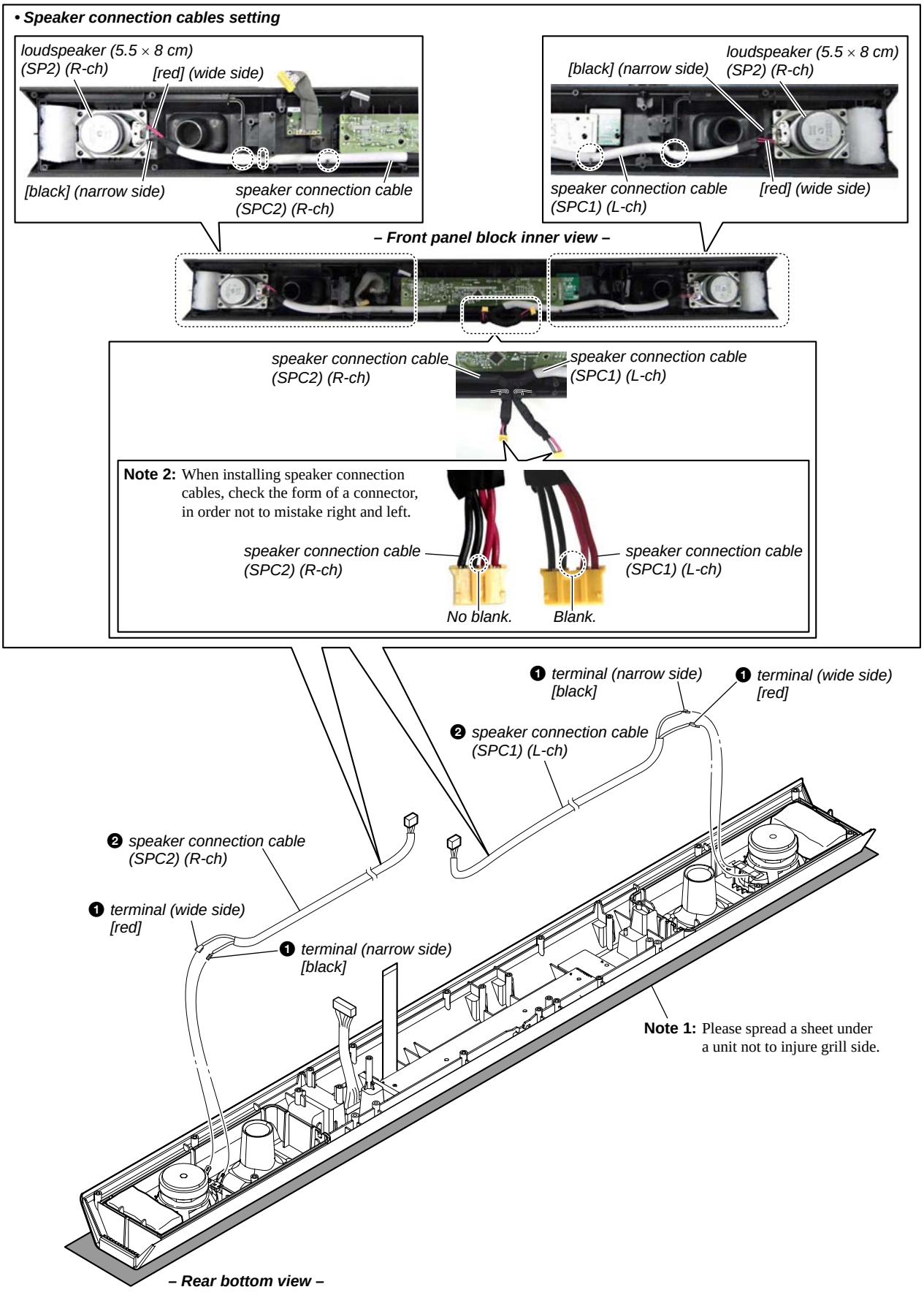
– Rear bottom view –

2-10. CHASSIS BLOCK

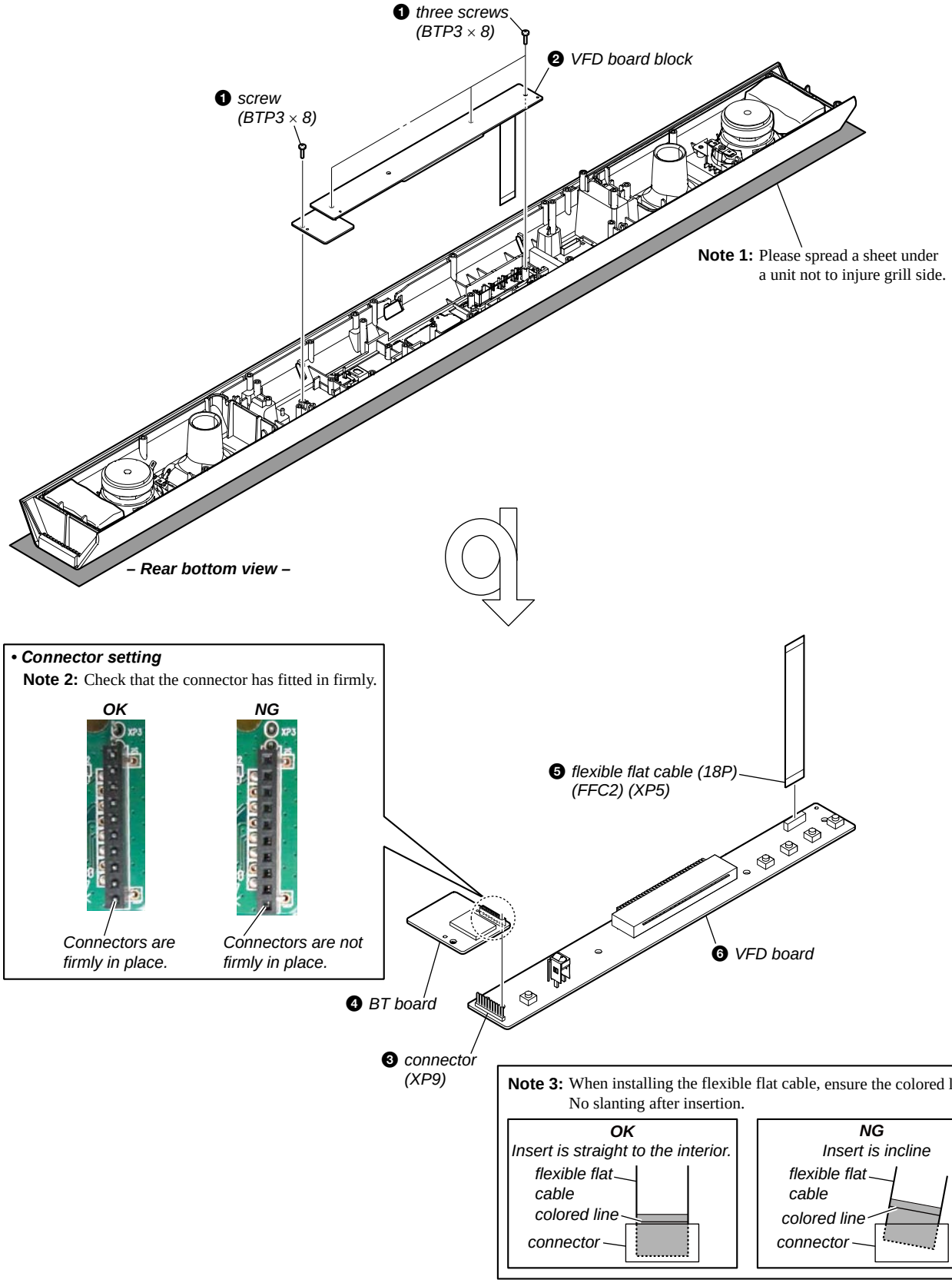


– Rear bottom view –

2-11. SPEAKER CONNECTION CABLES (SPC1, SPC2)



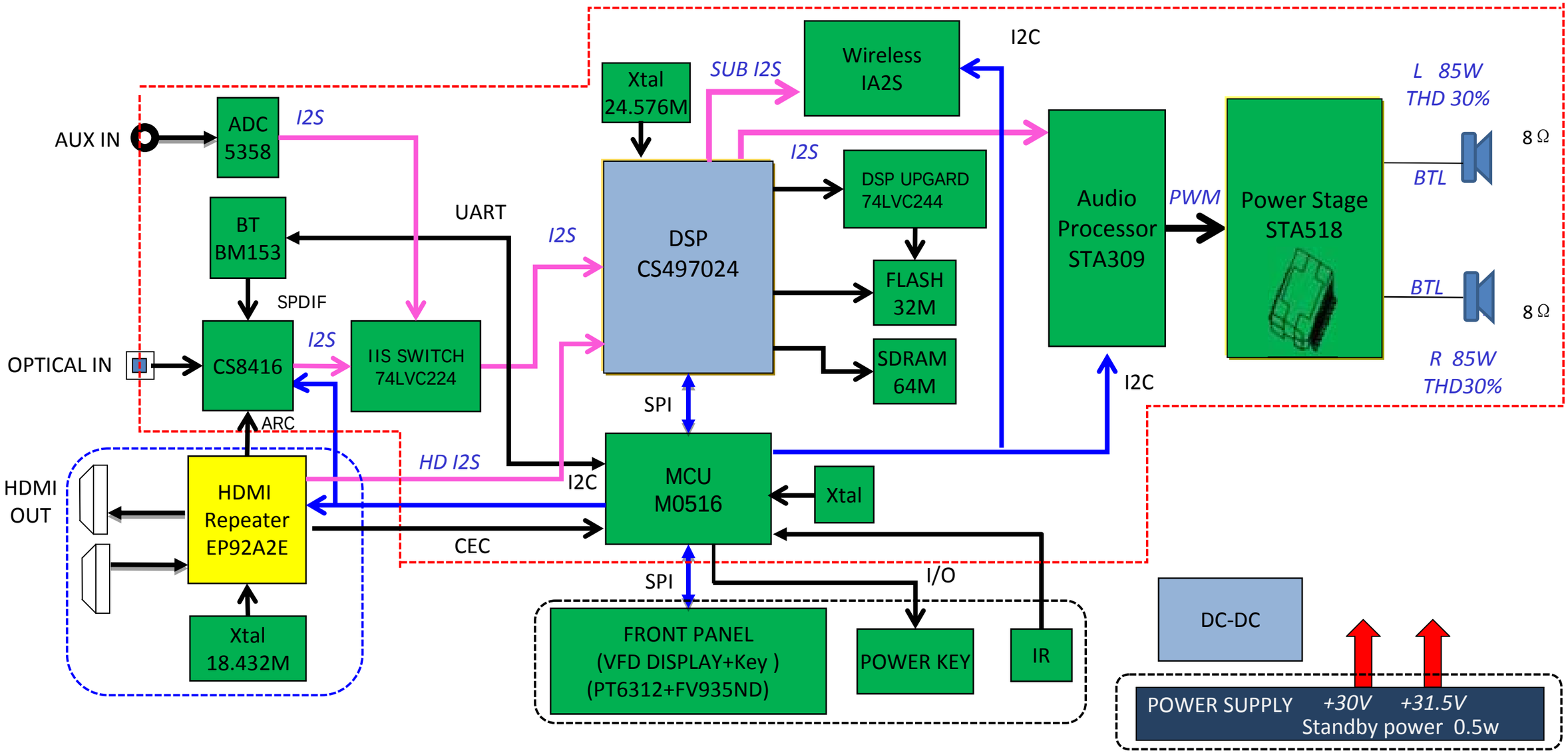
2-12. BT BOARD, VFD BOARD



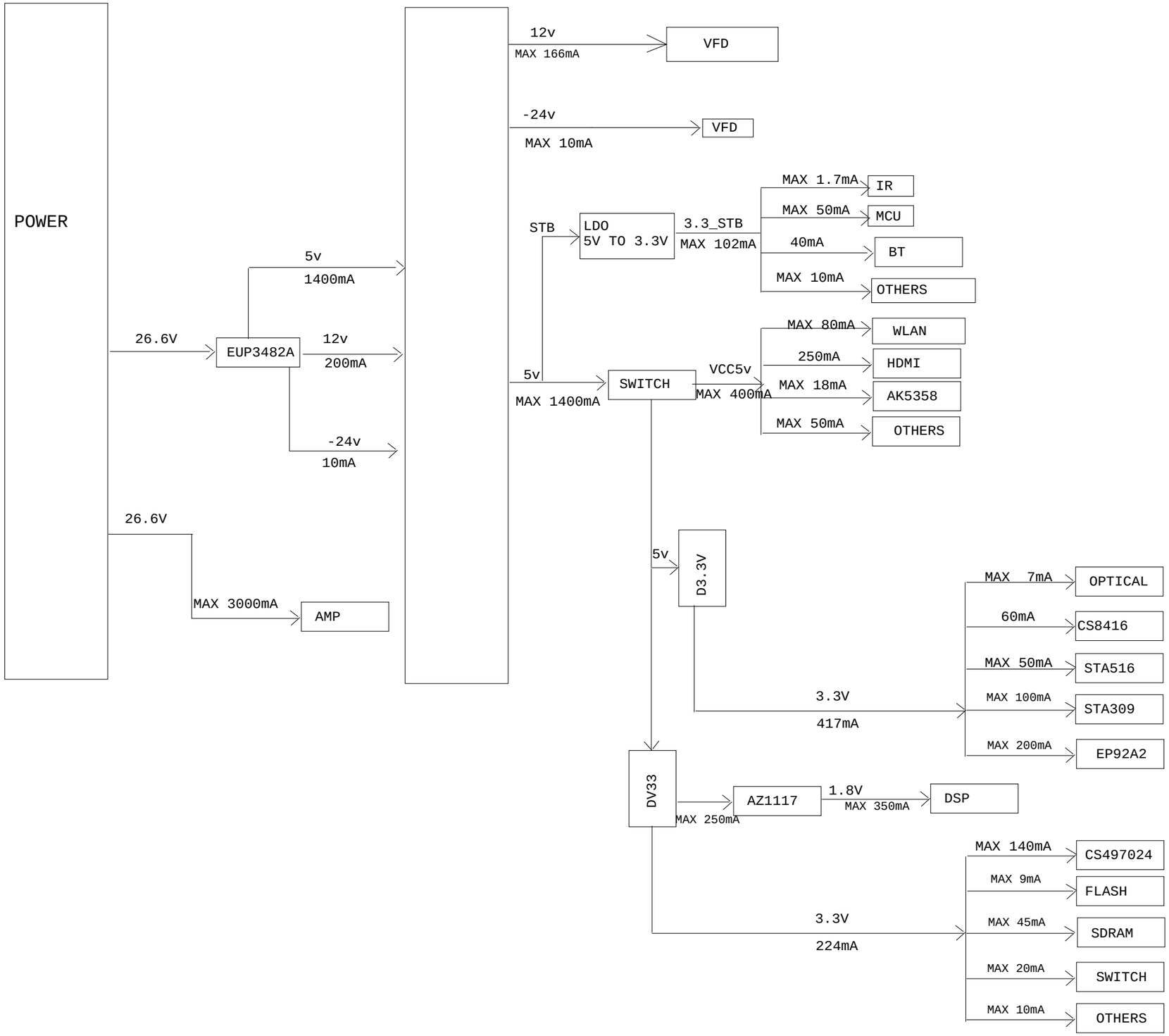
MEMO

SECTION 3
DIAGRAMS

3-1. BLOCK DIAGRAM (1/2)



3-2. BLOCK DIAGRAM (2/2)



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:

- : Pattern from the side which enables seeing.
  (The other layers' patterns are not indicated.)

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

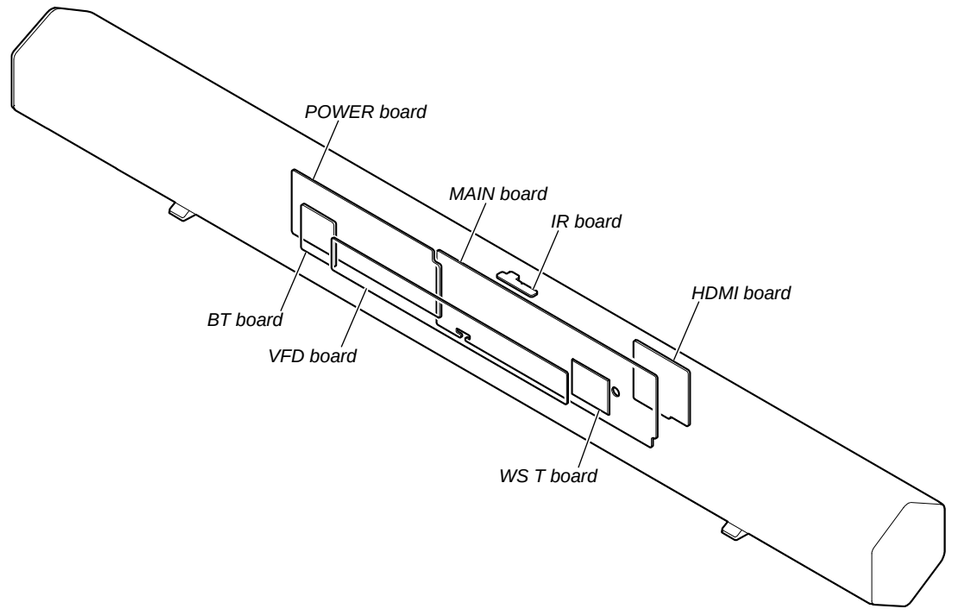
For Schematic Diagrams.

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.

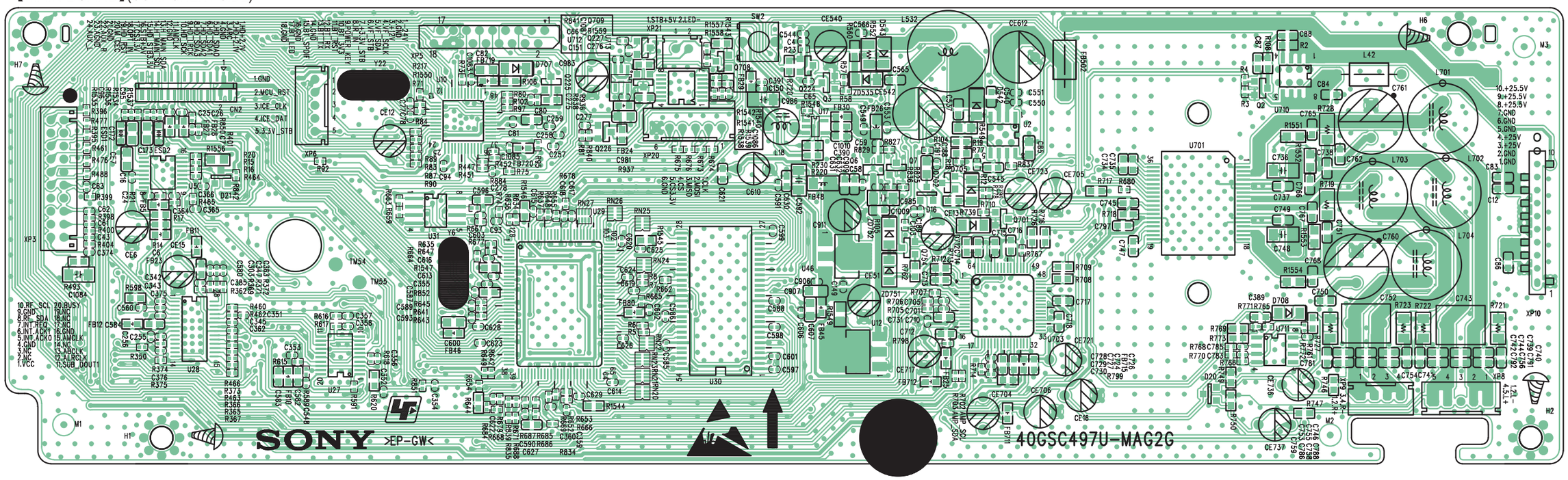
Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- **Circuit Boards Location**

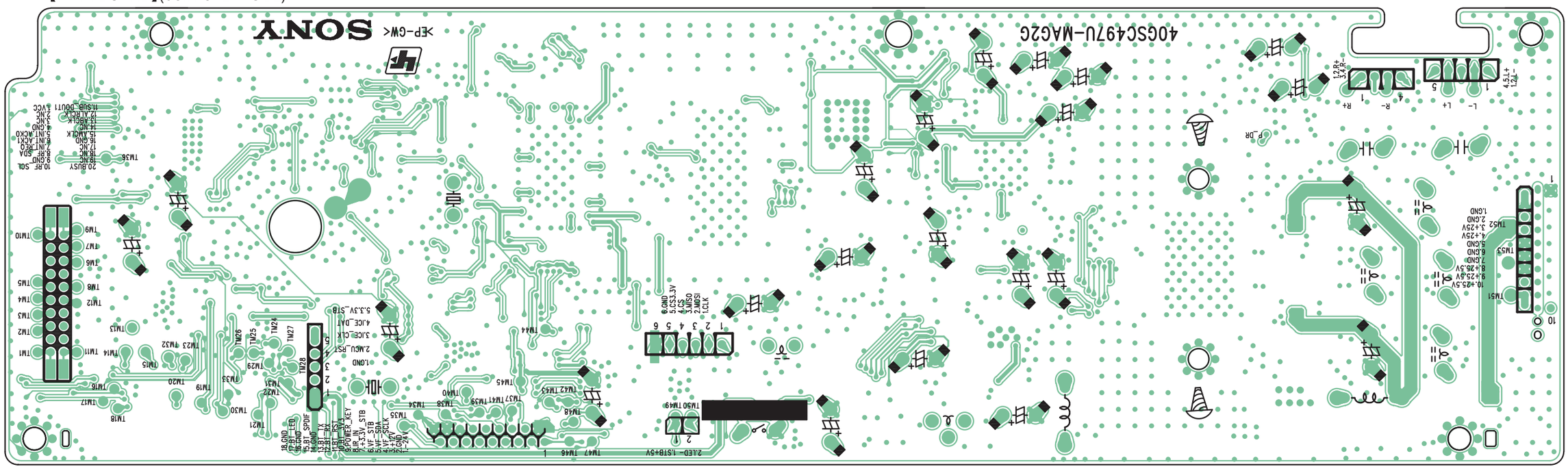


3-3. PRINTED WIRING BOARD - MAIN Board - • See page 17 for Circuit Boards Location. • : Uses unleaded solder.

【MAIN BOARD】(COMPONENT SIDE)

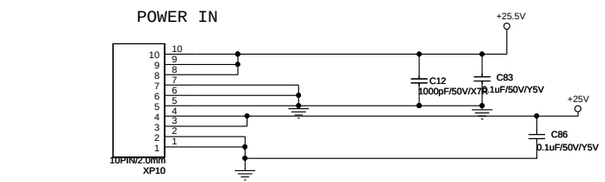


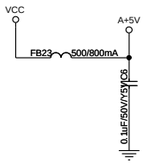
【MAIN BOARD】(COMPONENT SIDE)

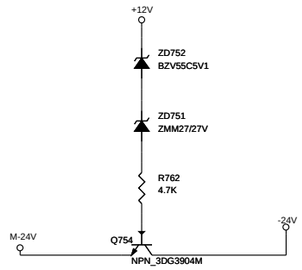


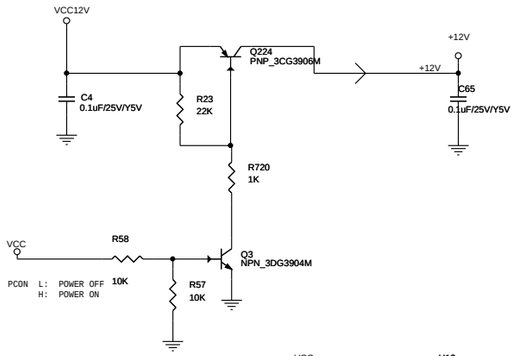
3-4. SCHEMATIC DIAGRAM - MAIN Board (1/7) -

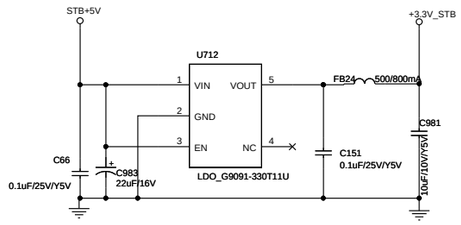
【MAIN BOARD】(1/7)

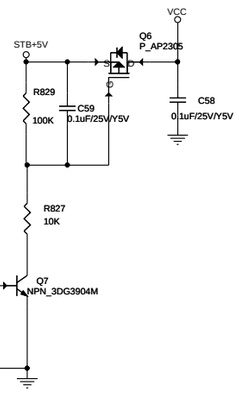


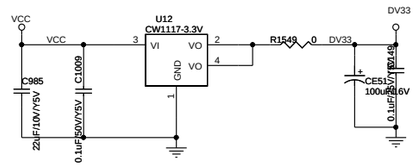


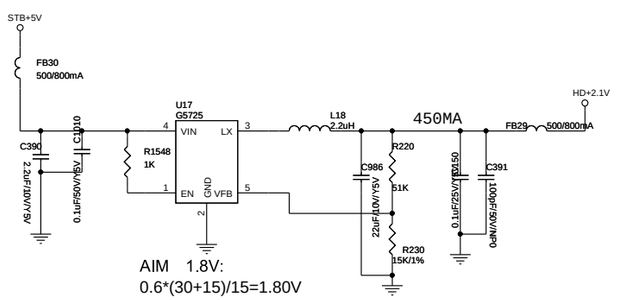


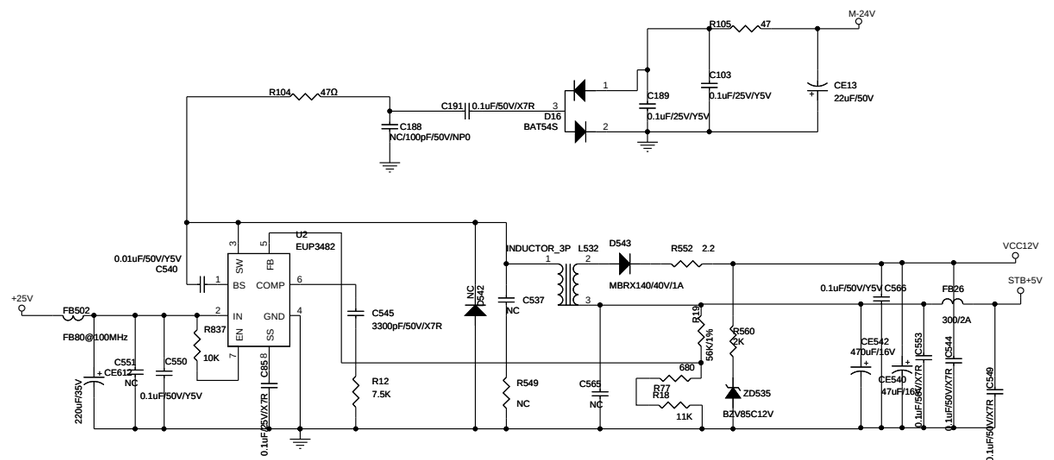












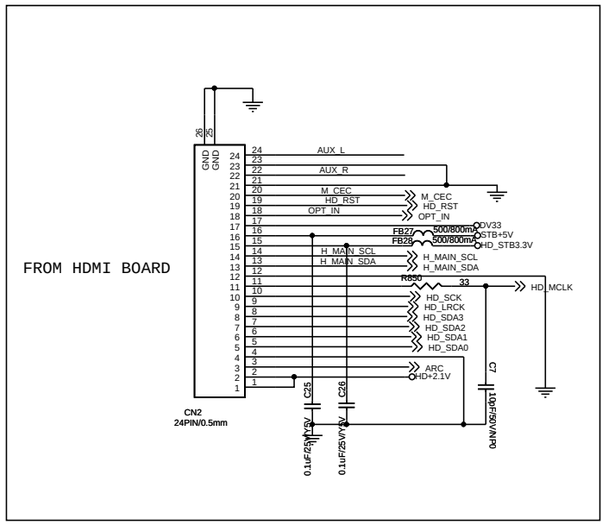
3-5. SCHEMATIC DIAGRAM - MAIN Board (2/7) -

1 2 3 4 5 6

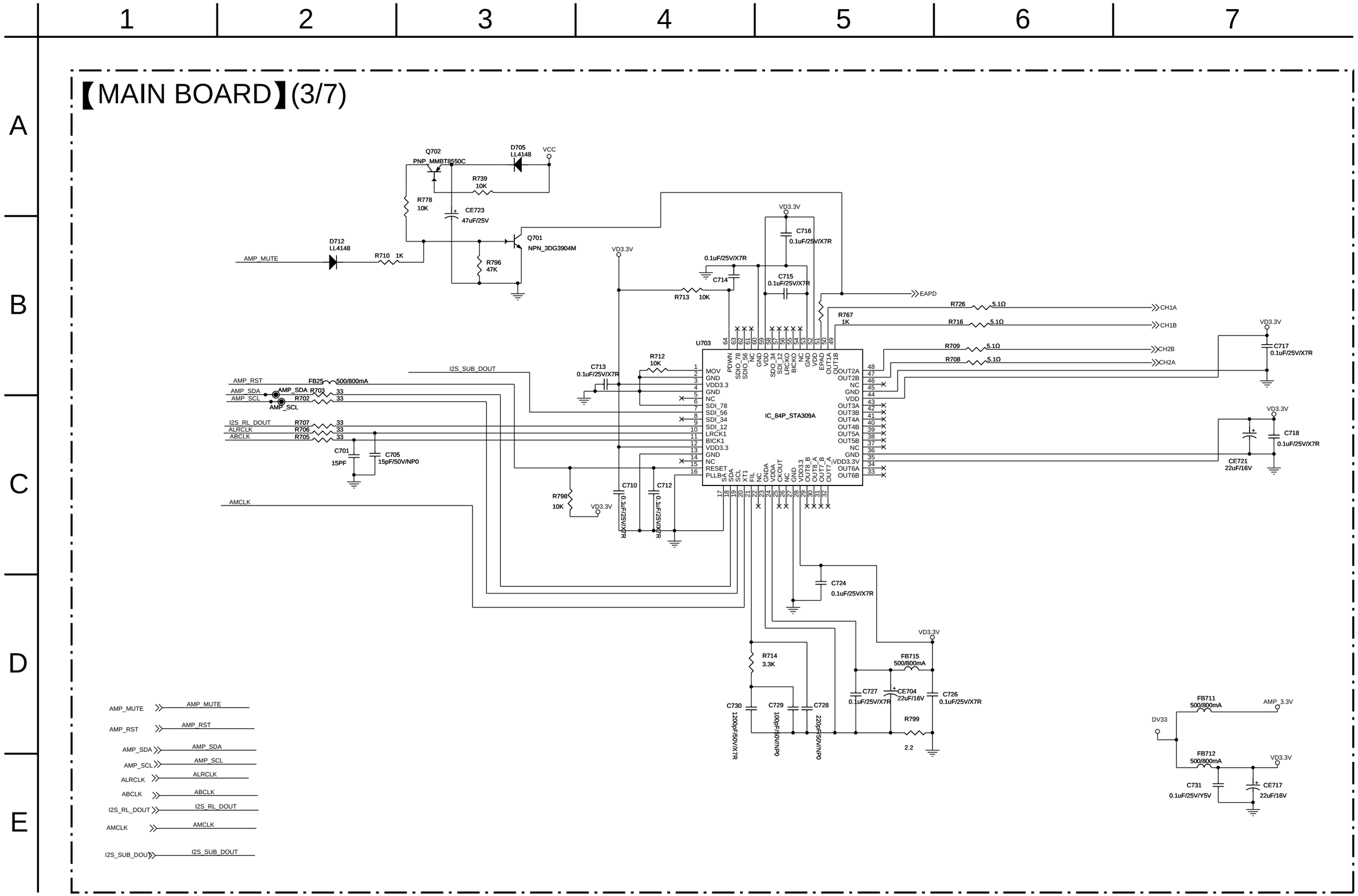
A

B

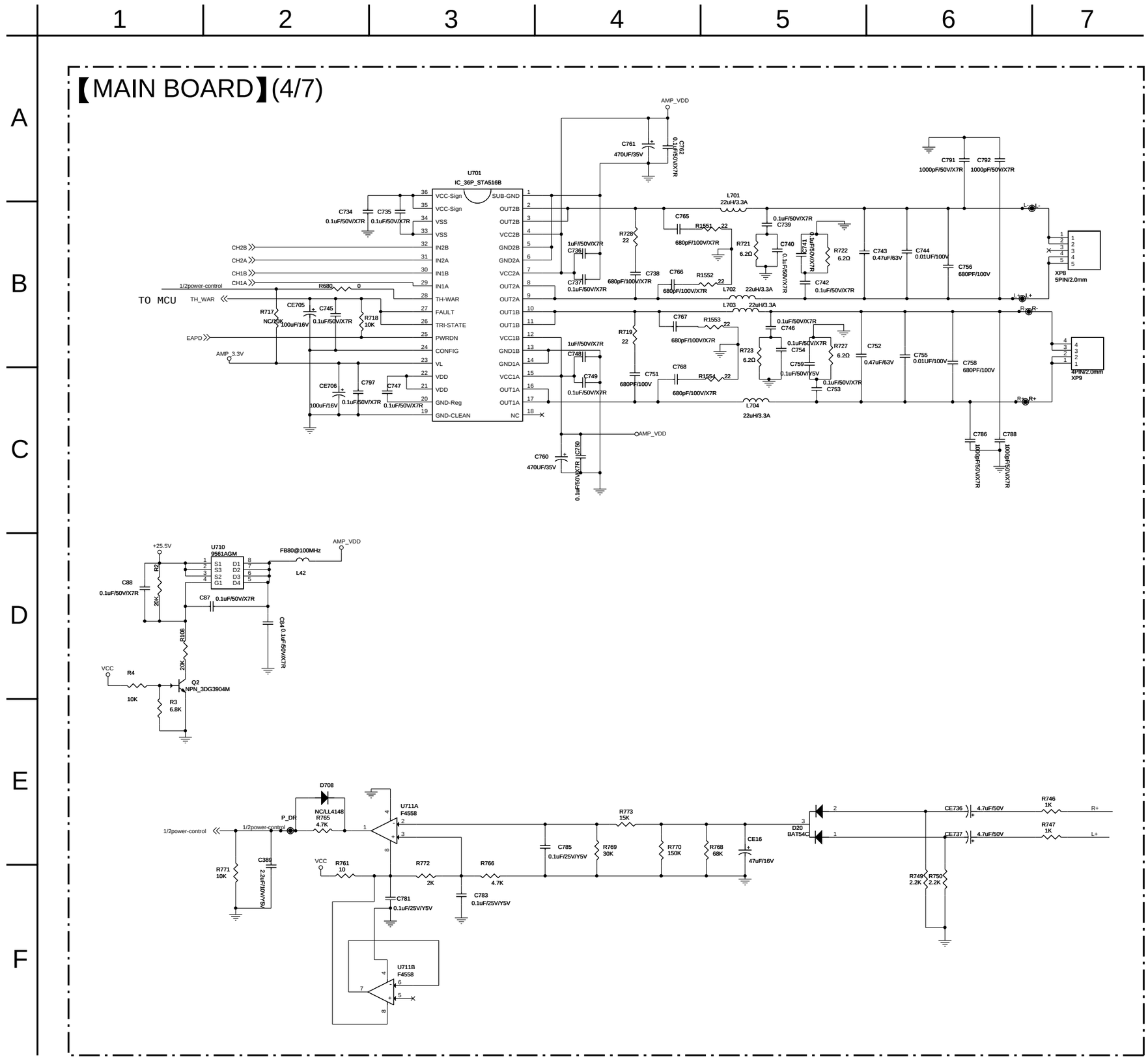
【MAIN BOARD】(2/7)



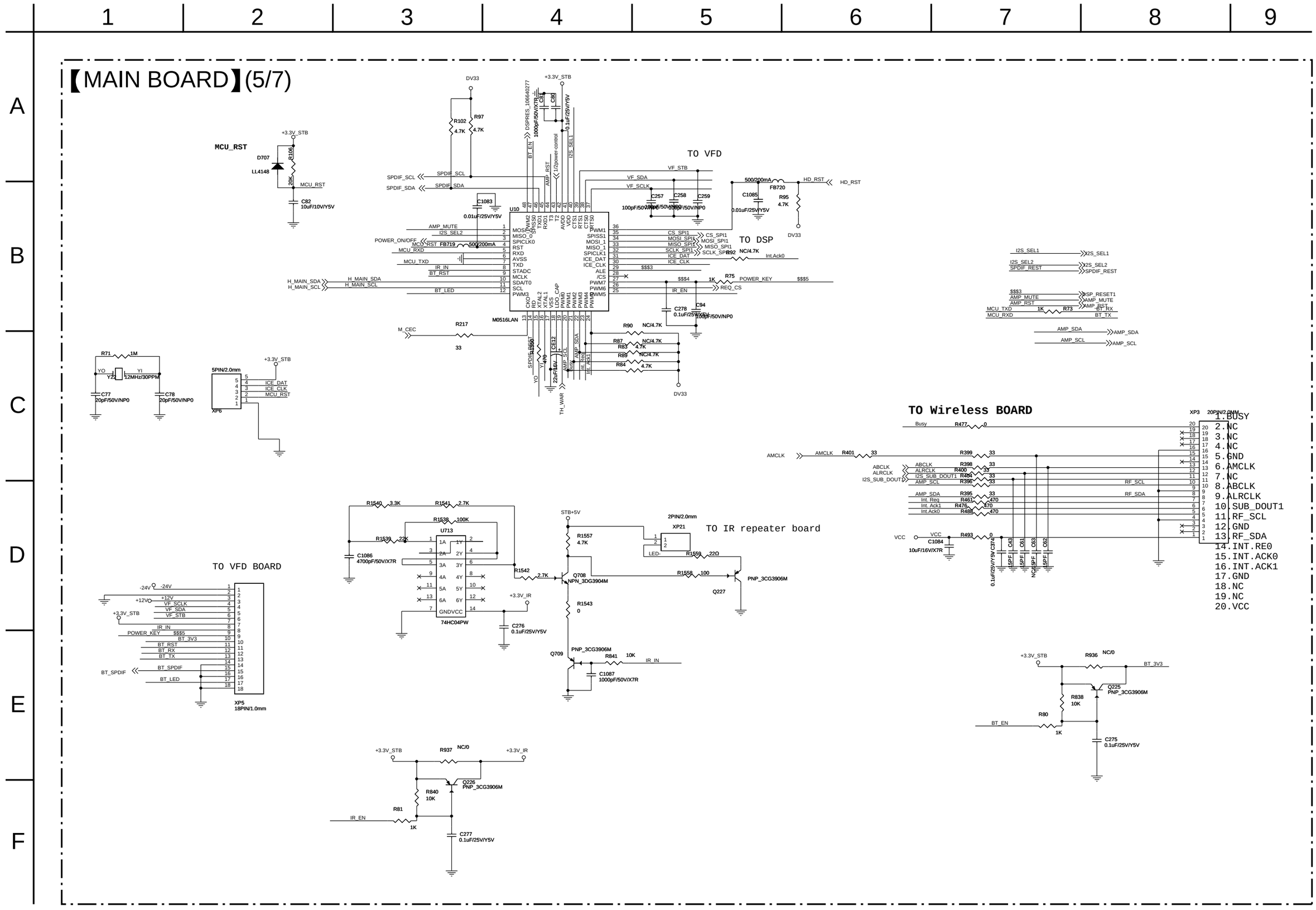
3-6. SCHEMATIC DIAGRAM - MAIN Board (3/7) -



3-7. SCHEMATIC DIAGRAM - MAIN Board (4/7) - • See page 34 for IC Block Diagram.

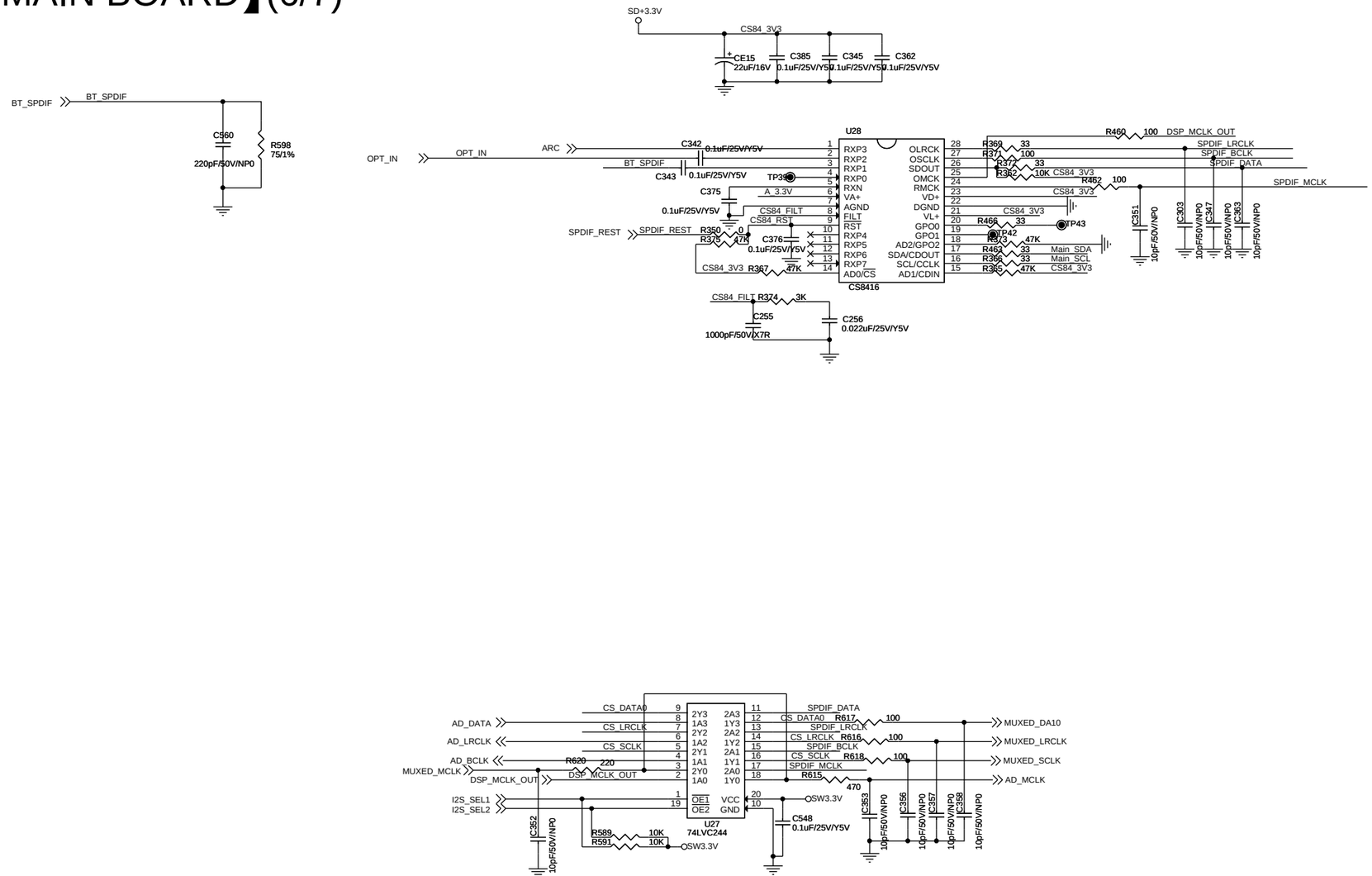


3-8. SCHEMATIC DIAGRAM - MAIN Board (5/7) - • See page 35 for IC Pin Function Description.

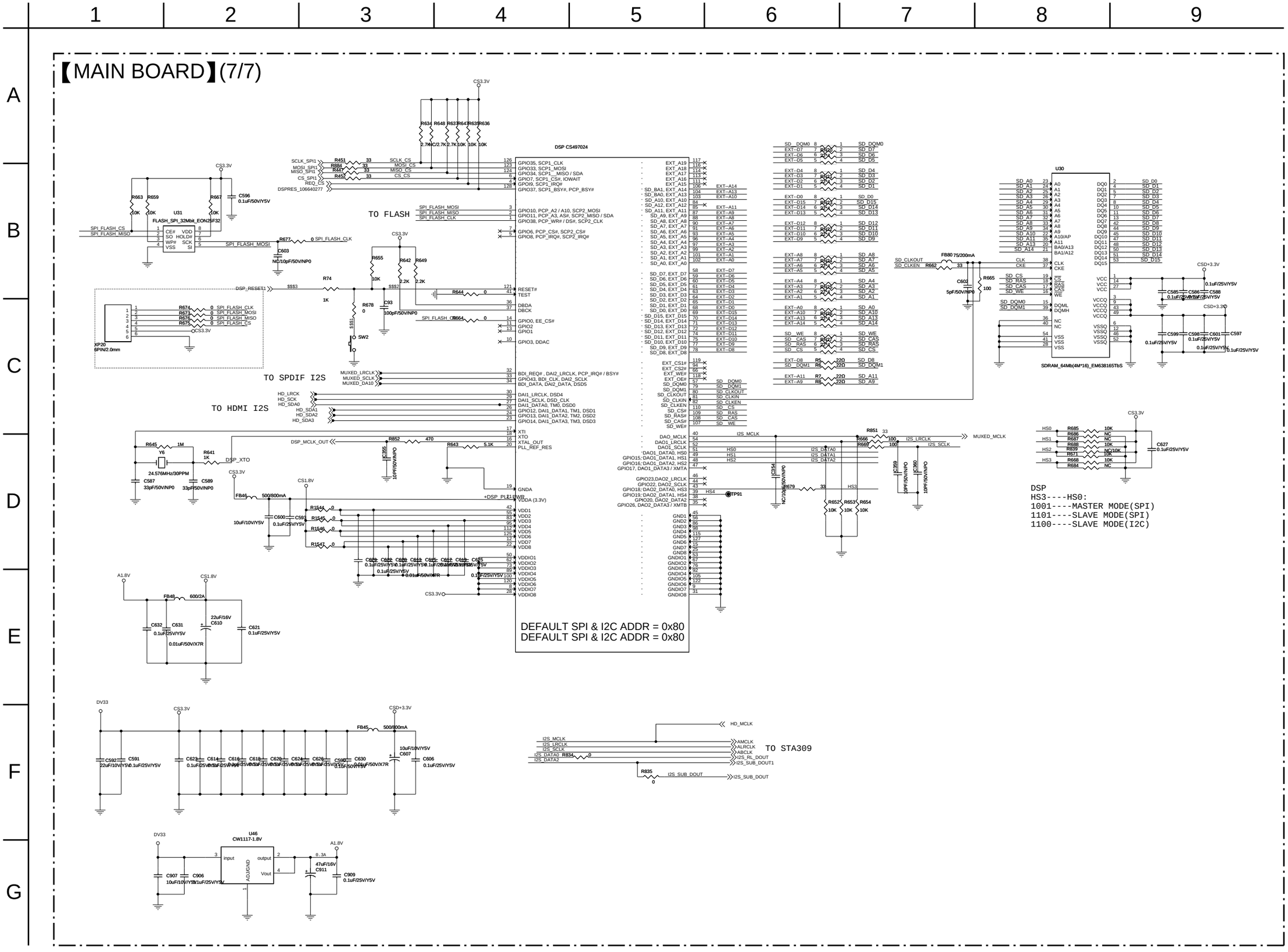


3-9. SCHEMATIC DIAGRAM - MAIN Board (6/7) -

【MAIN BOARD】(6/7)

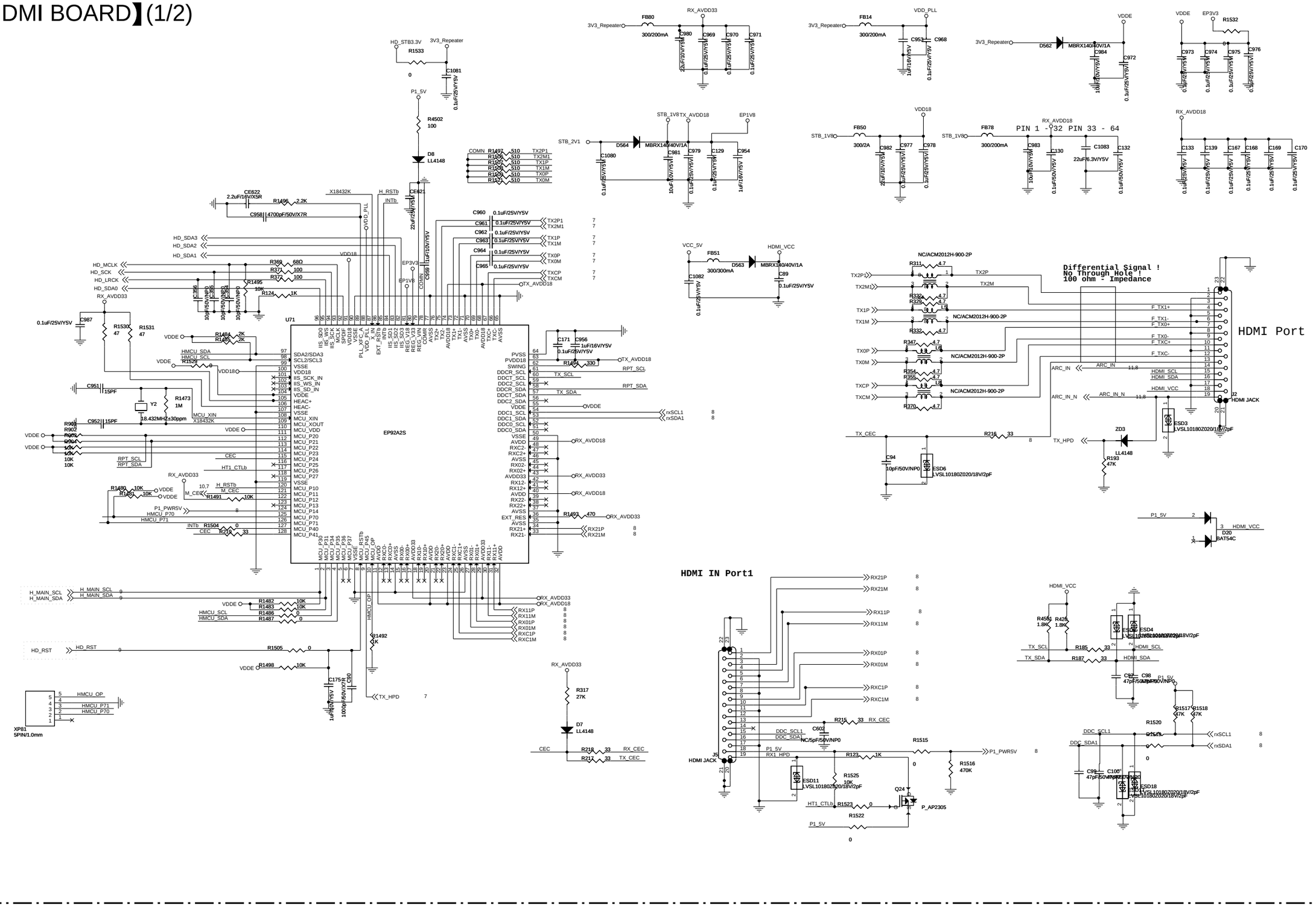


3-10. SCHEMATIC DIAGRAM - MAIN Board (7/7) -

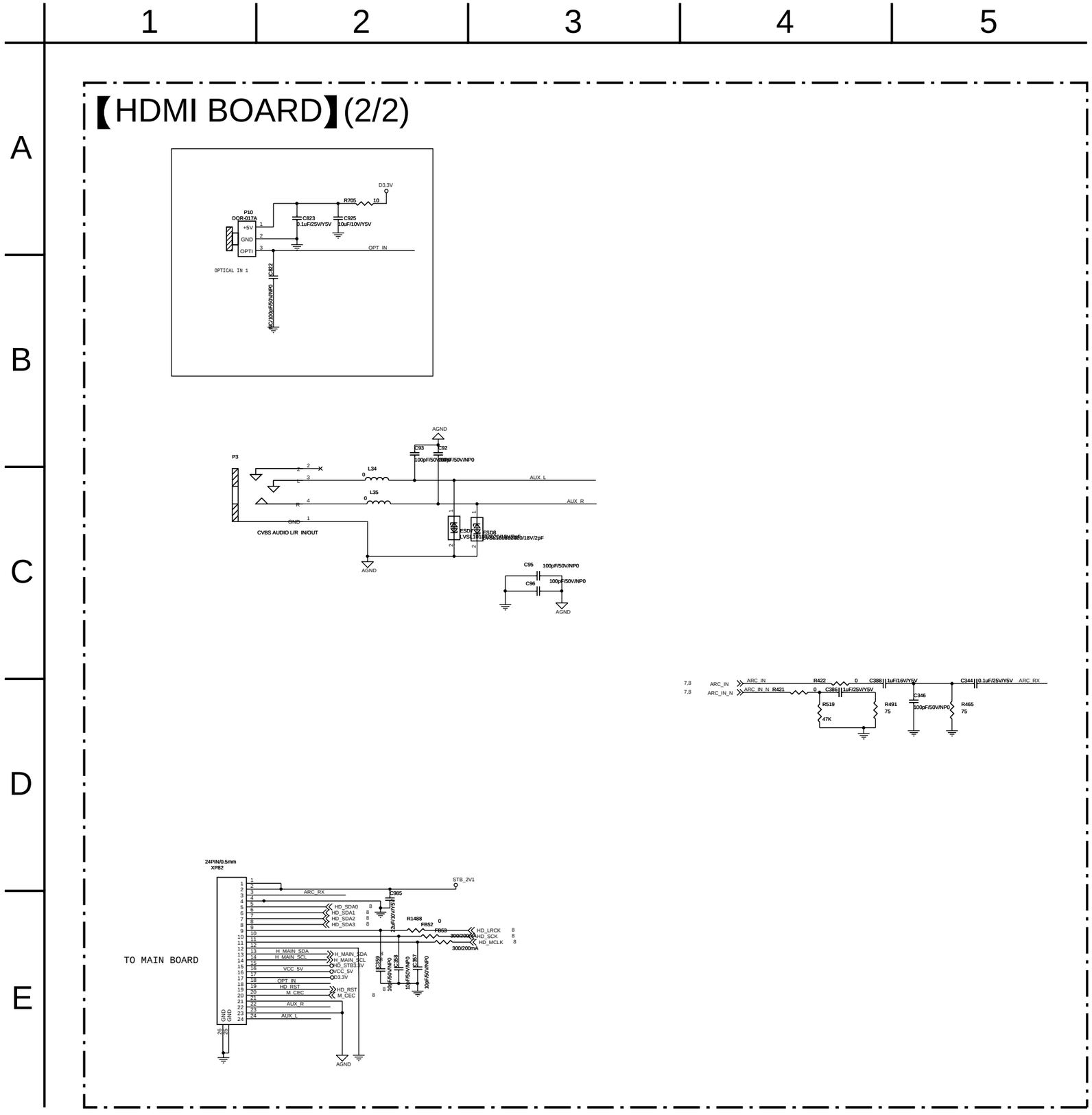


3-11. SCHEMATIC DIAGRAM - HDMI Board (1/2) -

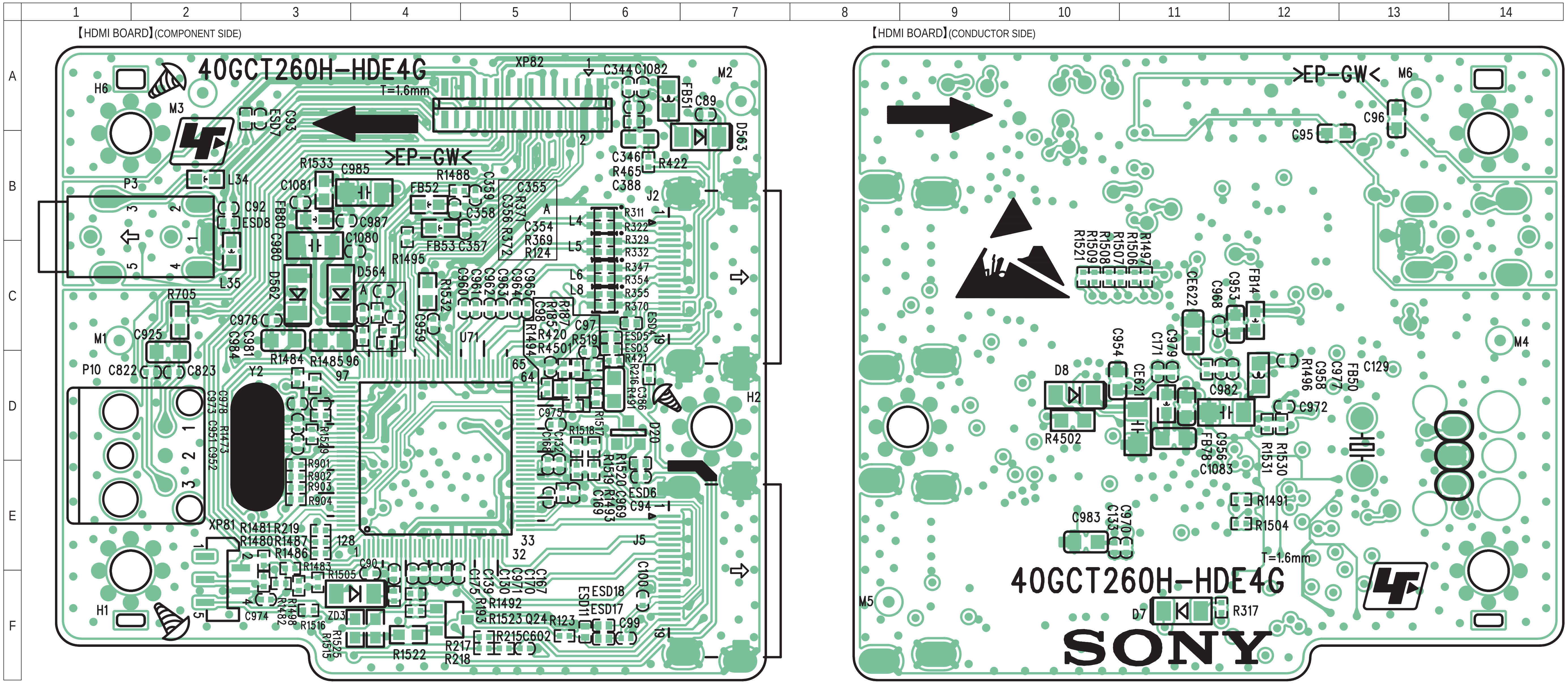
【HDMI BOARD】(1/2)



3-12. SCHEMATIC DIAGRAM - HDMI Board (2/2) -



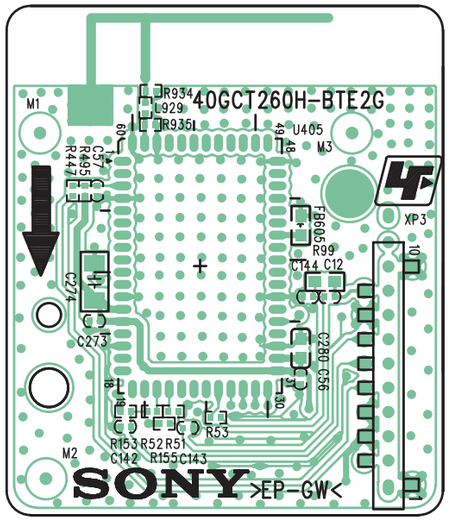
3-13. PRINTED WIRING BOARD - HDMI Board - • See page 17 for Circuit Boards Location. • [LF mark] : Uses unleaded solder.



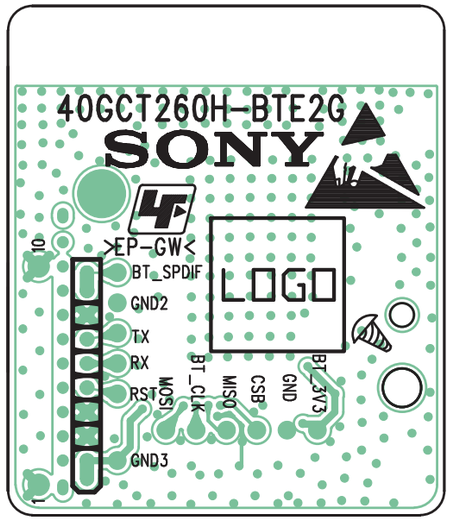
3-14. PRINTED WIRING BOARD - BT Board -

• See page 17 for Circuit Boards Location. • : Uses unleaded solder.

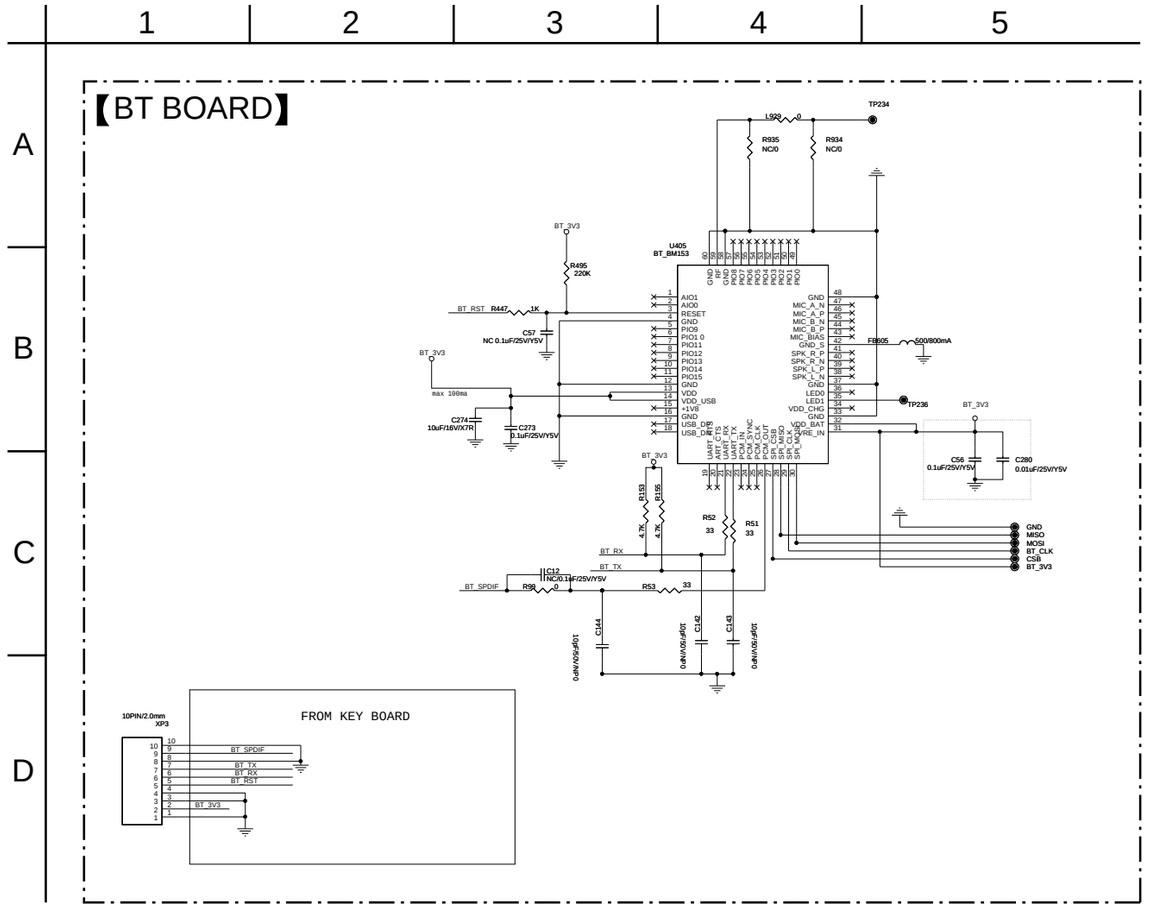
【BT BOARD】(COMPONENT SIDE)



【BT BOARD】(CONDUCTOR SIDE)



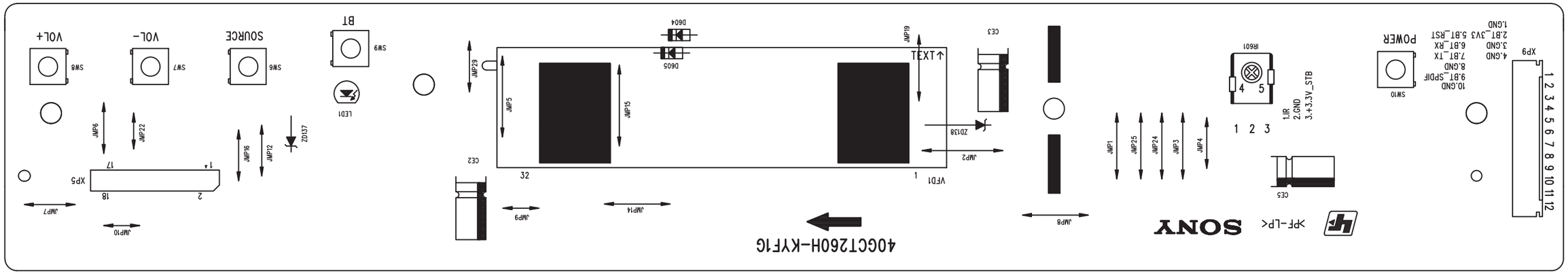
3-15. SCHEMATIC DIAGRAM - BT Board -



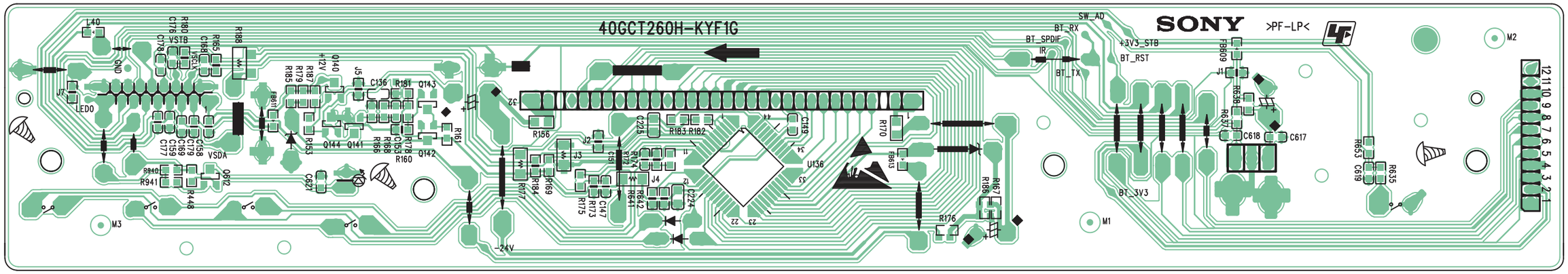
3-16 PRINTED WIRING BOARD - VFD Board -

• See page 17 for Circuit Boards Location. • : Uses unleaded solder.

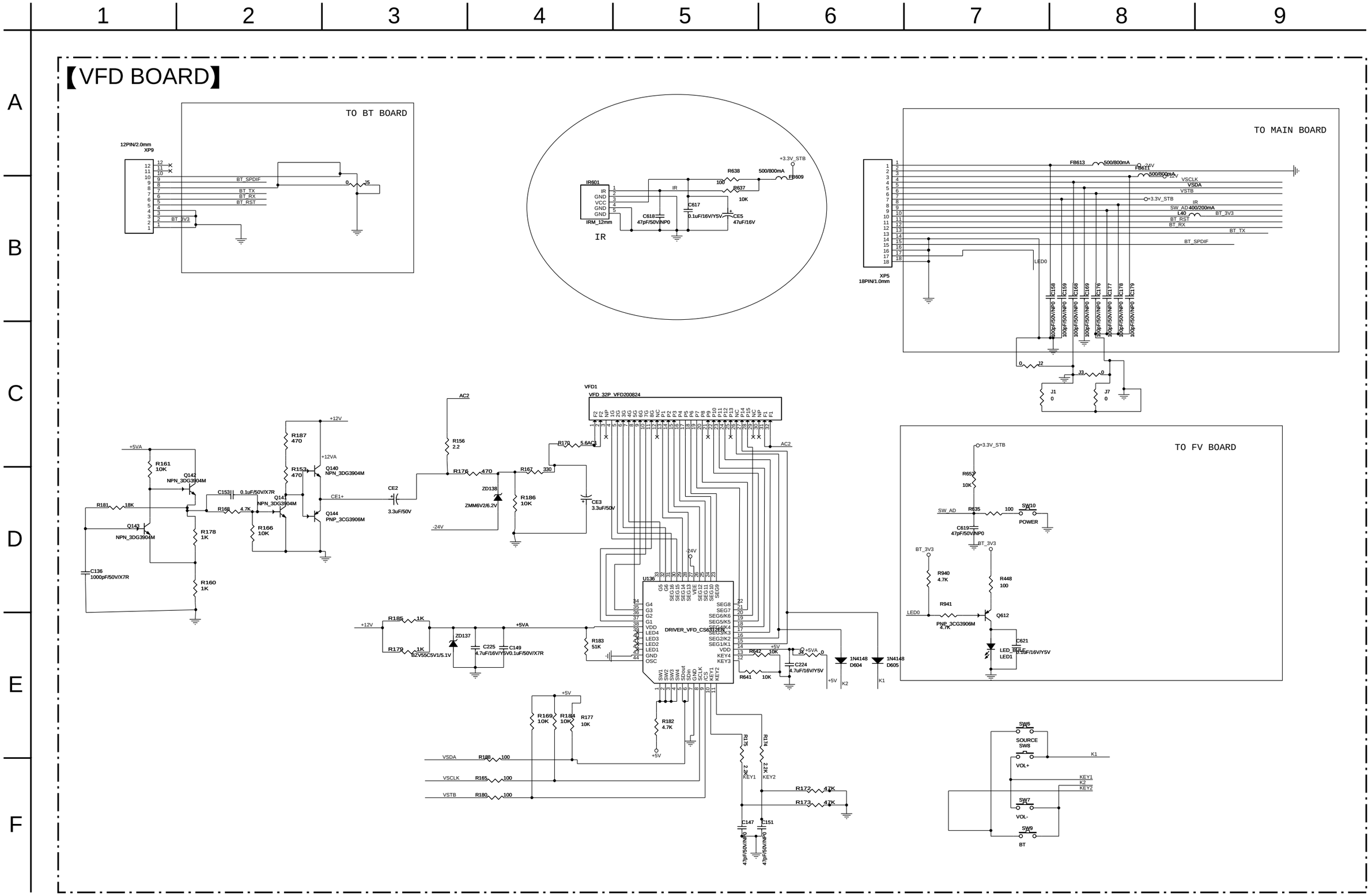
【VFD BOARD】(COMPONENT SIDE)



【VFD BOARD】(CONDUCTOR SIDE)



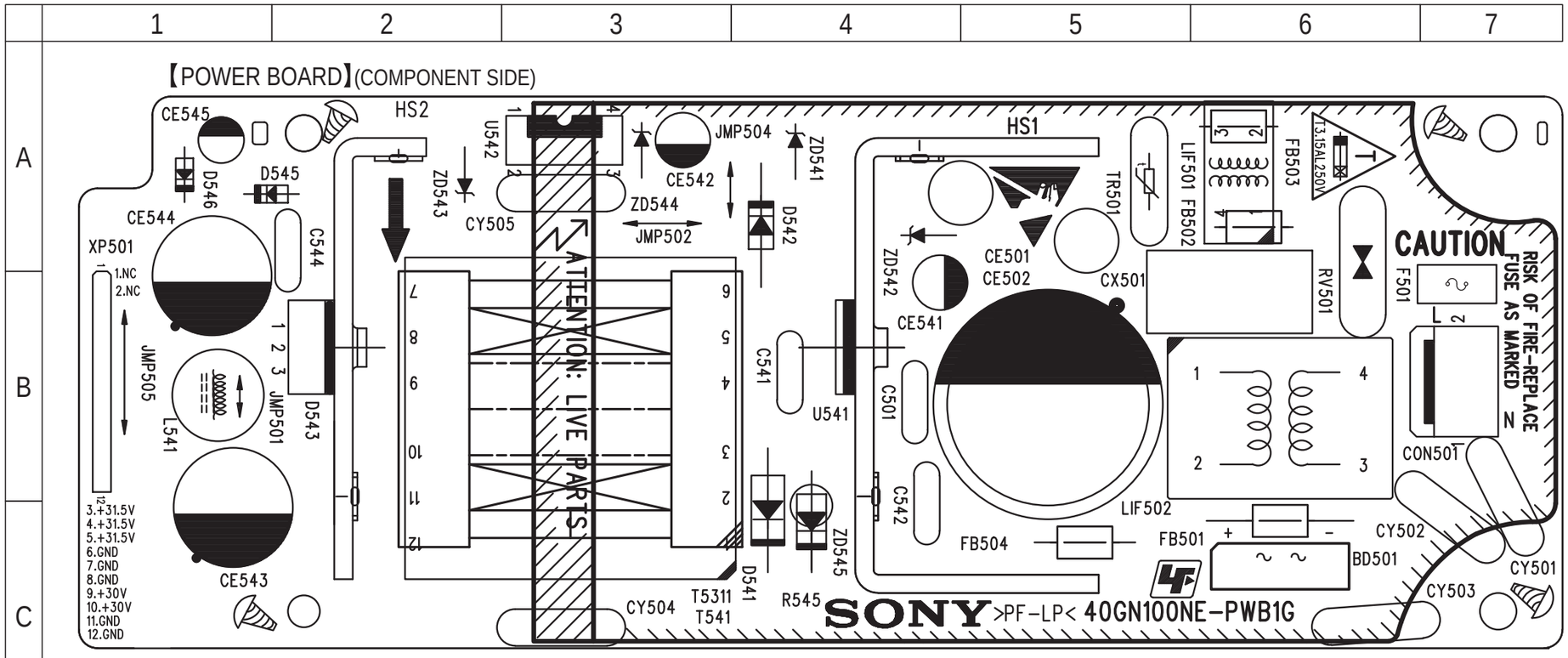
3-17. SCHEMATIC DIAGRAM - VFD Board -



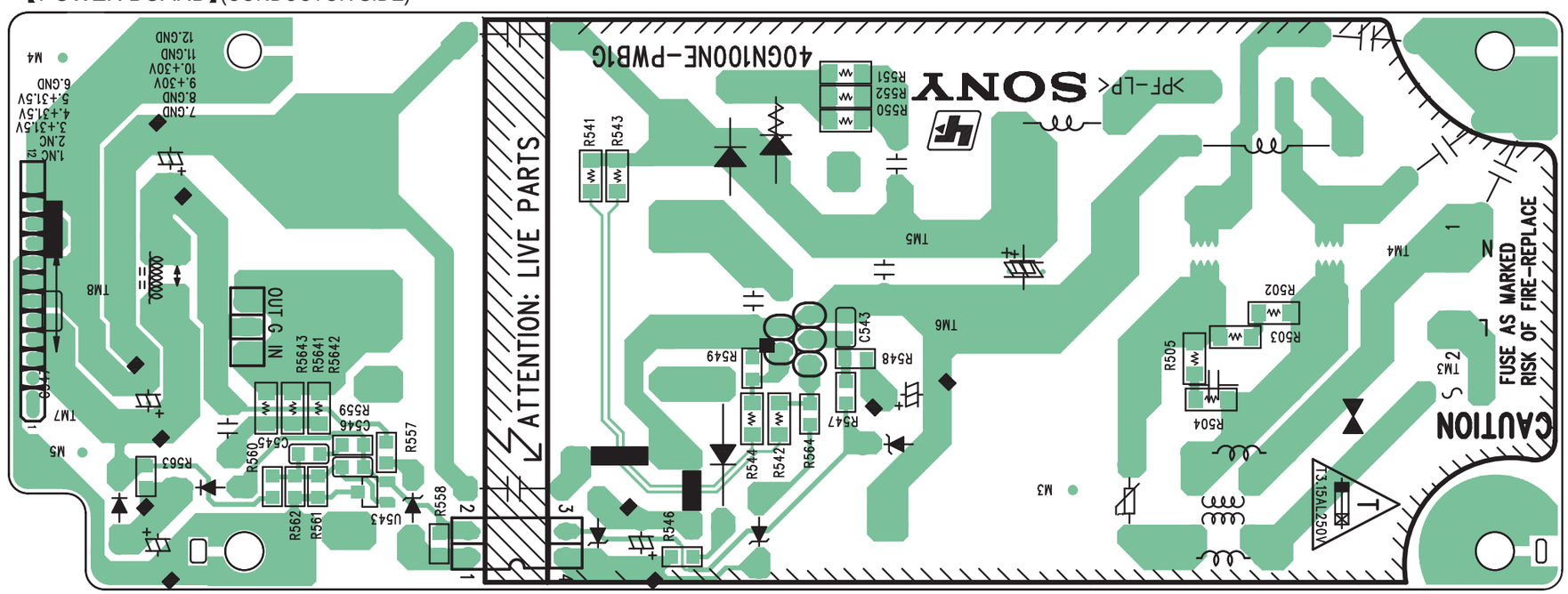
3-18. PRINTED WIRING BOARD - POWER Board -

• See page 17 for Circuit Boards Location. • : Uses unleaded solder.

【POWER BOARD】(COMPONENT SIDE)

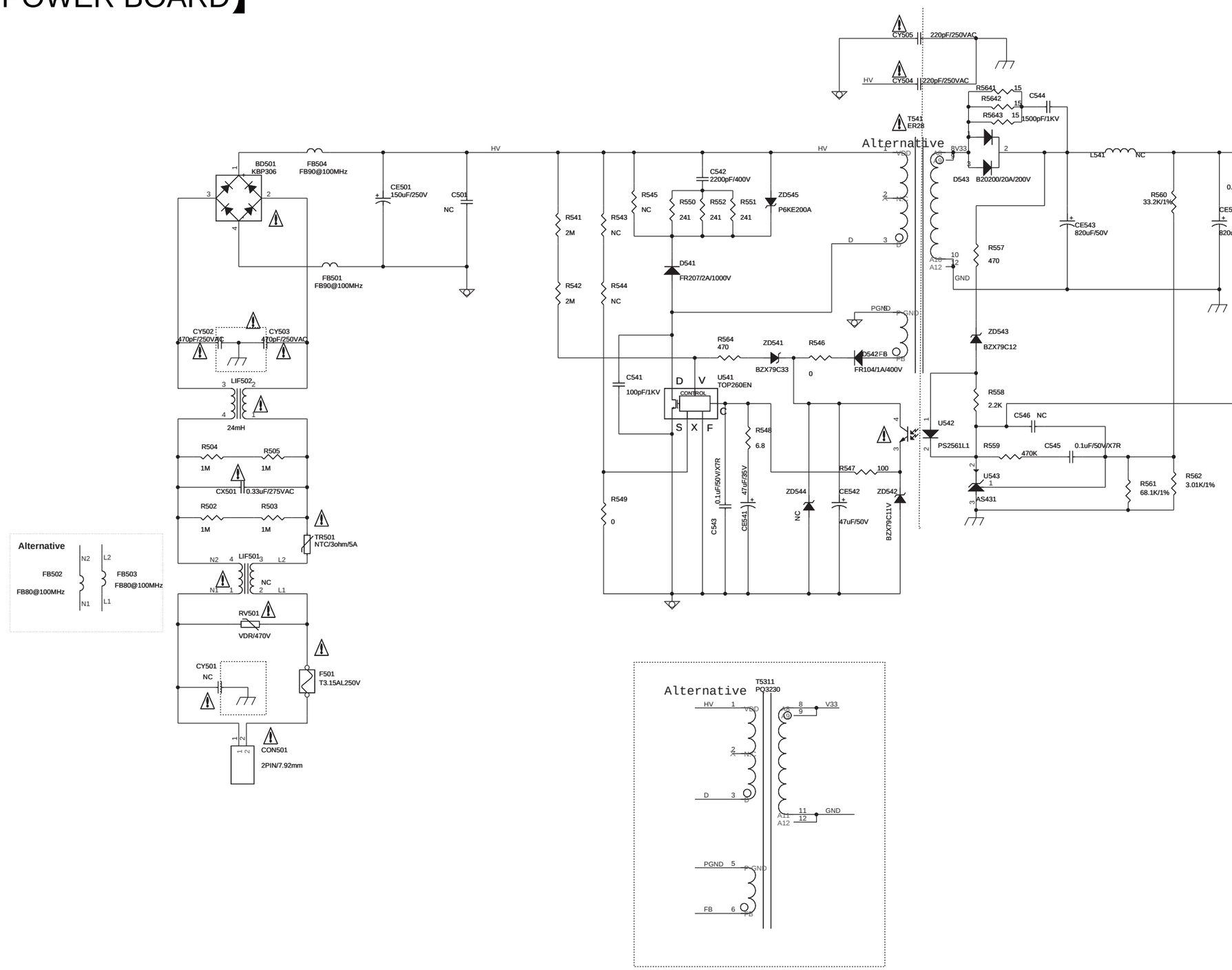


【POWER BOARD】(CONDUCTOR SIDE)



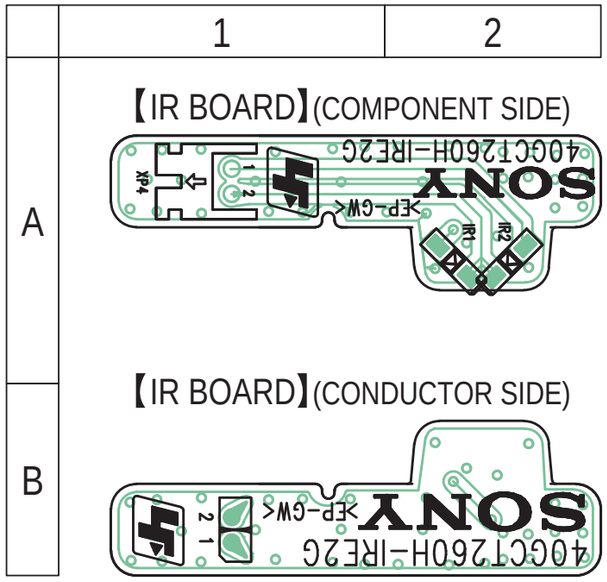
3-19. SCHEMATIC DIAGRAM - POWER Board -

【POWER BOARD】

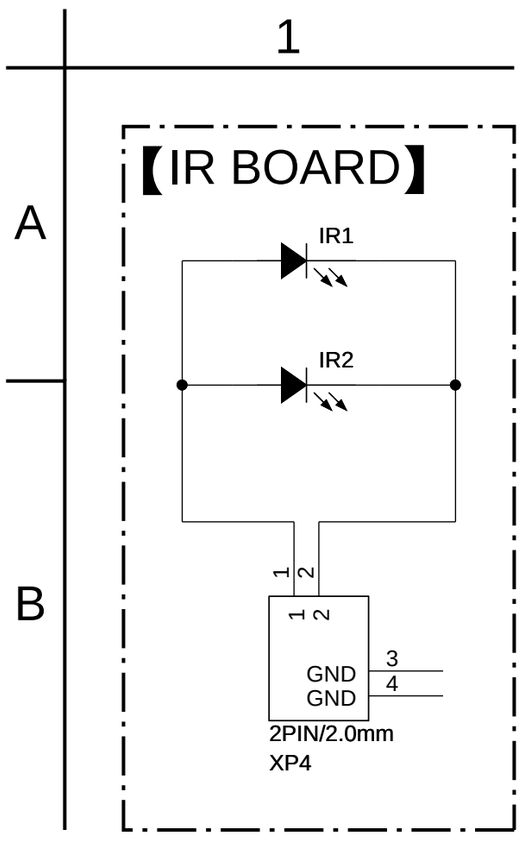


3-20. PRINTED WIRING BOARD - IR Board -

• See page 17 for Circuit Boards Location. • : Uses unleaded solder.

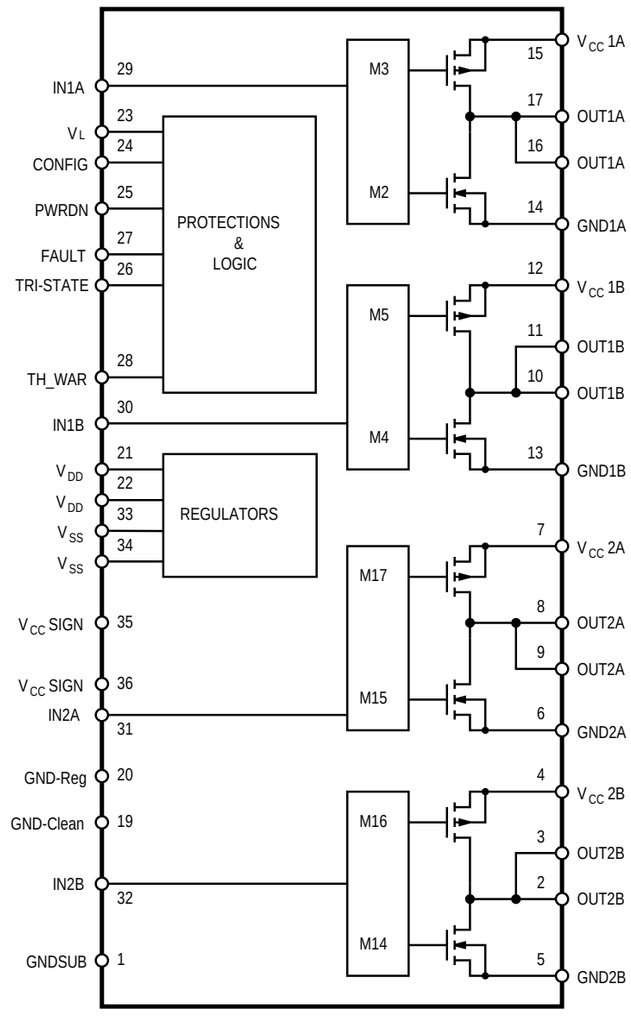


3-21. SCHEMATIC DIAGRAM - IR Board -



• IC Block Diagram

– MAIN Board –
U701 STA516B



• **IC Pin Function Description**

MAIN BOARD U10 M0516 (MCU)

Pin No.	Pin Name	I/O	Description
1	MOSI_0	O	Muting signal output terminal
2	MISO_0	O	Selection signal output terminal
3	SPICLK0	O	Power on/off control signal output terminal (for power)
4	RST	I	Reset signal input terminal (for upgrade MCU)
5	RXD	I	Serial data input terminal (for Bluetooth)
6	AVSS	-	Ground terminal
7	TXD	O	Serial data output terminal (for Bluetooth)
8	STADC	I	IR signal input terminal (for VFD)
9	MCLK	O	Reset signal output terminal (for Bluetooth)
10	SDA/T0	I	Serial data input terminal (for HDMI)
11	SCL	I	Clock signal input terminal (for HDMI)
12	PWM3	O	LED drive signal output terminal (for Bluetooth)
13	CKO	I	CEC interrupt signal input terminal
14	RD	O	SPDIF rest signal output terminal (for CS8416)
15	XTAL2	O	System clock output terminal (12 MHz)
16	XTAL1	I	System clock input terminal (12 MHz)
17	VSS	-	Ground terminal
18	LDO_CAP	-	External capacitor connection terminal
19	PWM0	I	Thermal warning signal input terminal (for STA516)
20	PWM1	I/O	Two-way serial clock signal terminal (for STA309)
21	PWM2	I	Busy signal input terminal (for wireless)
22	PWM3	I/O	Two-way serial data terminal (for STA309)
23	PWM4	I	Interrupt request signal input terminal (for wireless)
24	PWM0	O	Interrupt acknowledge signal output terminal (for wireless)
25	PWM5	O	IR enable signal output terminal
26	PWM6	O	Chip select signal output terminal (for DSP)
27	PWM7	I	Power key input terminal (for VFD)
28	/CS	I	Not used
29	ALE	O	Reset signal output terminal (for DSP)
30	ICE_CLK	I/O	Two-way serial clock signal terminal (for upgrade MCU)
31	ICE_DAT	I/O	Two-way serial data terminal (for upgrade MCU)
32	SPICLK1	O	Serial clock signal output terminal (for DSP)
33	MISO_1	O	Serial data output terminal (for DSP)
34	MOSI_1	O	Serial data output terminal (for DSP)
35	SPISS1	O	Chip select signal output terminal (for DSP)
36	PWM1	I	Reset signal input terminal (for HDMI)
37	RTS0	I/O	Two-way serial clock signal terminal (for VFD)
38	CTS0	I/O	Two-way serial data terminal (for VFD)
39	RTS1	-	Standby signal terminal (for VFD)
40	CTS1	O	Selection signal output terminal
41	VDD	-	Power supply terminal (+3.3V)
42	AVDD	-	Power supply terminal (+3.3V)
43	T2	I	Power on/off control signal input terminal (for SAT516)
44	T3	I	Reset signal input terminal (for STA309)
45	RXD1	I/O	Two-way serial data terminal (for DIR)
46	TXD1	I/O	Two-way serial data terminal (for DIR)
47	SPISS0	O	Not used
48	PWM2	O	Busy signal output terminal (for DSP)

SECTION 4
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
- Abbreviation
  AUS : Australian model
  CND : Canadian model

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

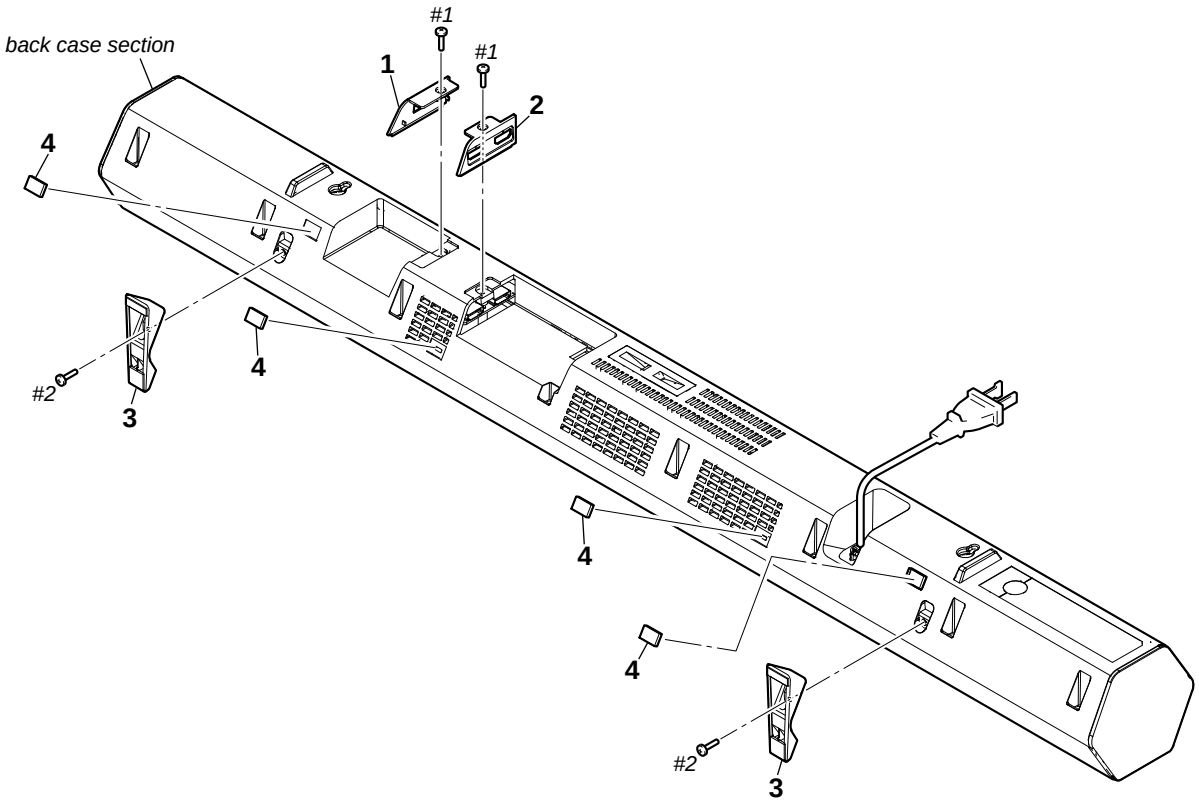
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

4-1. OVERALL SECTION

- Rear bottom view

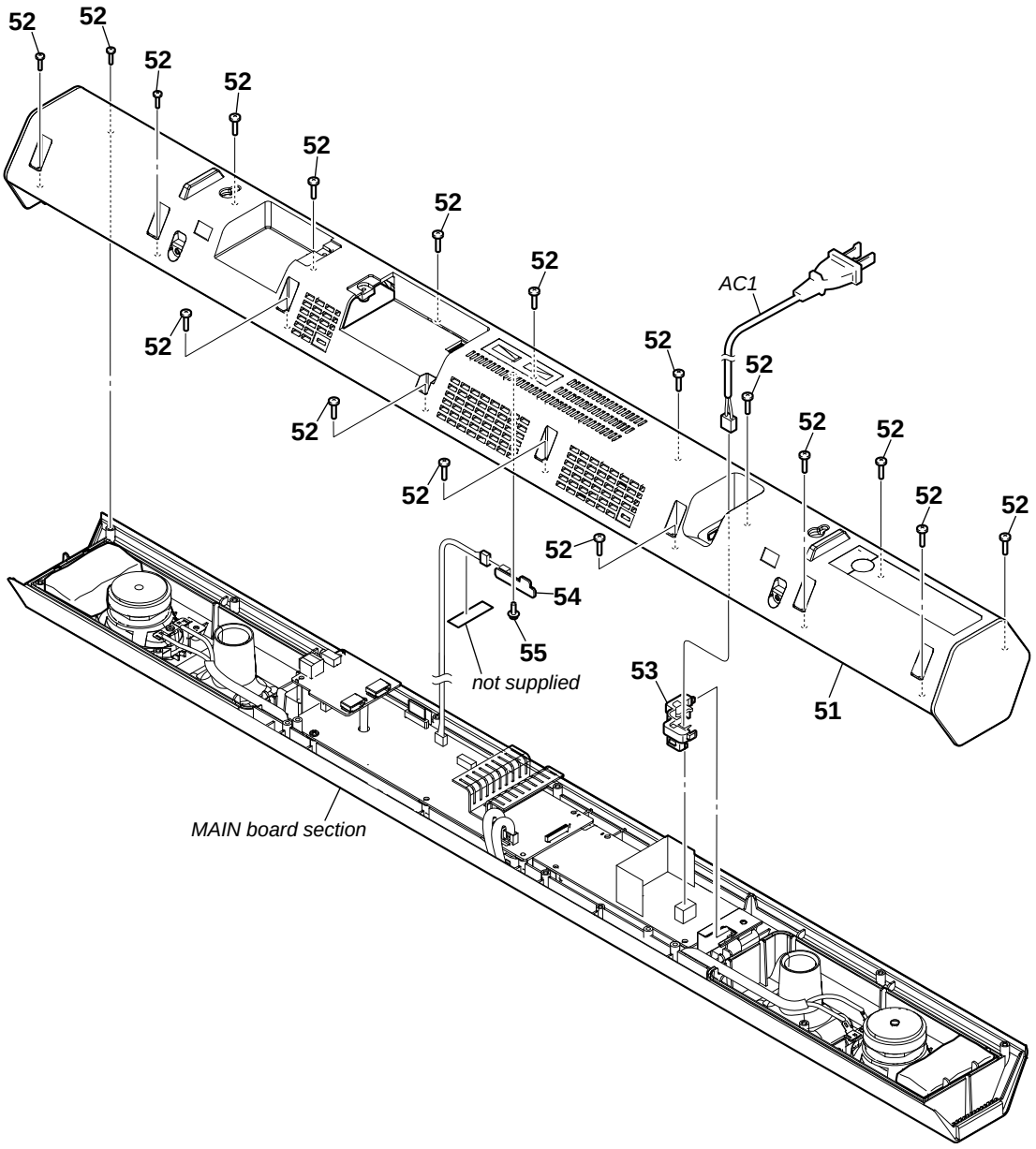


Ref. No.	Part No.	Description	Remark
1	A-1952-844-A	COVER OPT ASSY (US, CND)	
1	A-1968-160-A	COVER OPT ASSY (AEP, UK, AUS)	
2	A-1952-843-A	COVER HDMI ASSY (US, CND)	
2	A-1968-159-A	COVER HDMI ASSY (AEP, UK, AUS)	
3	A-1952-847-A	SEAT ASSY	

Ref. No.	Part No.	Description	Remark
4	4-474-768-01	CUSHION (FOOT)	
#1	7-685-546-19	SCREW +BTP 3X8 TYPE2 N-S	
#2	7-685-751-09	SCREW +PTT 3X6 (S)	

4-2. BACK CASE SECTION

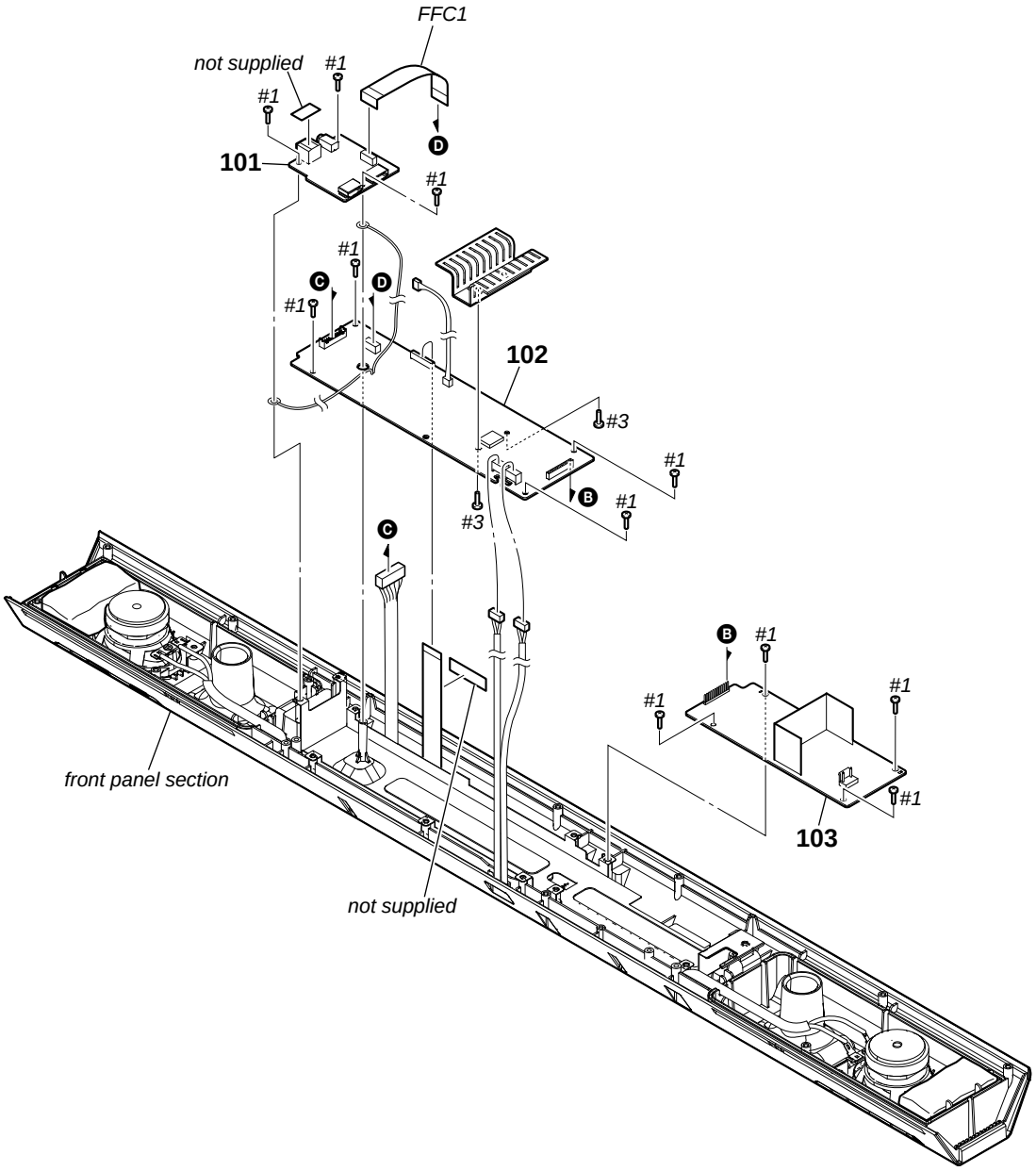
- Rear bottom view



Ref. No.	Part No.	Description	Remark
51	A-1952-841-A	BACK CASE ASSY (US, CND)	
51	A-1952-842-A	BACK CASE ASSY (AEP, UK, AUS)	
52	4-472-284-01	SCREW (+P 3.5X12)	
53	4-472-176-01	CORD BUSH	
54	9-885-188-32	IR BOARD, COMPLETE	
55	4-472-182-01	SCREW (IR PWB)	
⚠ AC1	9-885-188-34	CORD, POWER-SUPPLY (US, CND)	
⚠ AC1	9-885-188-35	CORD, POWER-SUPPLY (AEP)	
⚠ AC1	9-885-188-36	CORD, POWER-SUPPLY (UK)	
⚠ AC1	9-885-188-37	CORD, POWER-SUPPLY (AUS)	

4-3. MAIN BOARD SECTION

- Rear bottom view

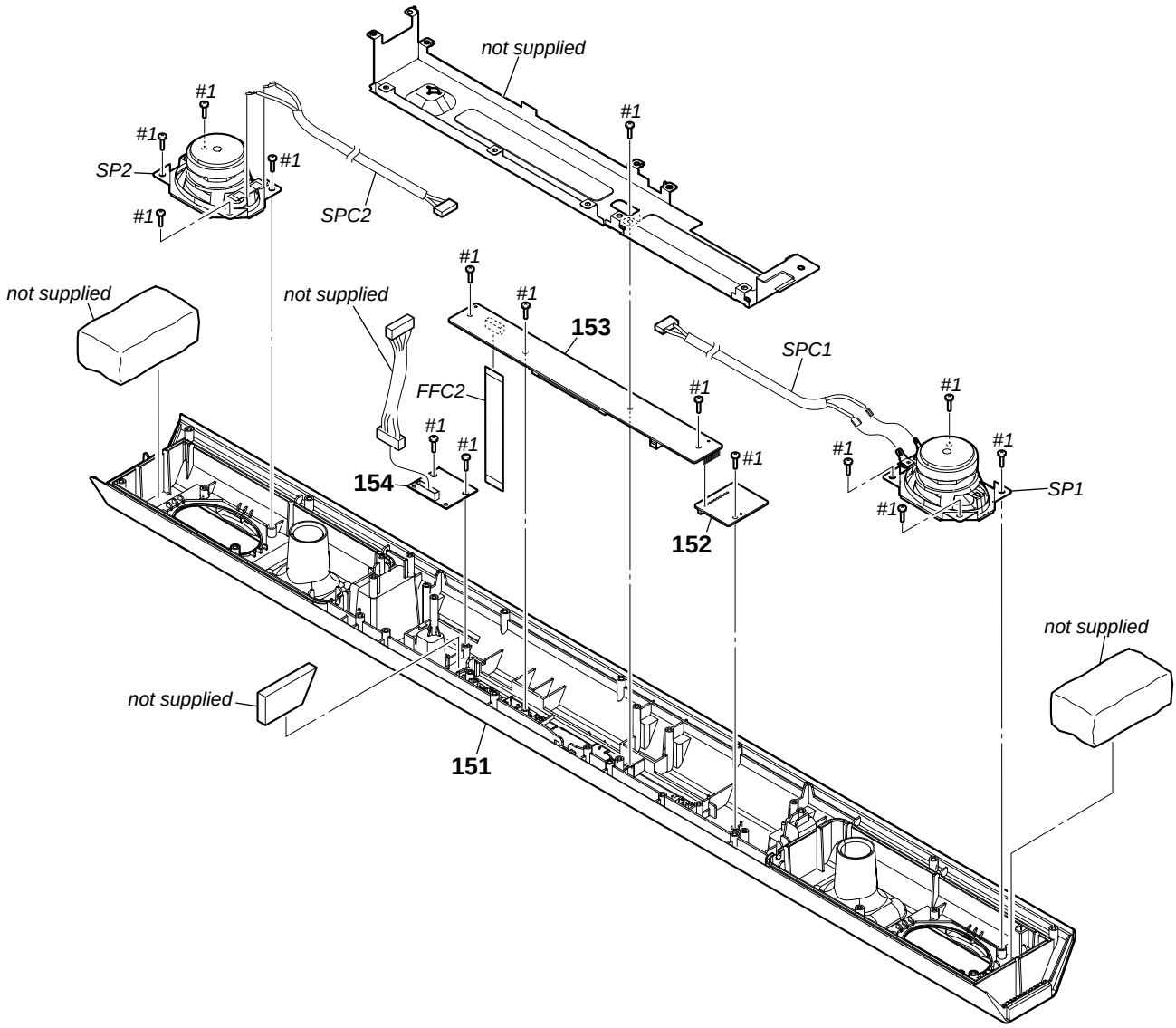


Ref. No.	Part No.	Description	Remark
101	9-885-188-28	HDMI BOARD, COMPLETE	
102	9-885-188-27	MAIN BOARD, COMPLETE (US, CND, AUS)	
102	9-885-189-86	MAIN BOARD, COMPLETE (AEP, UK)	
⚠ 103	9-885-188-25	POWER BOARD, COMPLETE (US, CND)	
⚠ 103	9-885-188-26	POWER BOARD, COMPLETE (AEP, UK, AUS)	

Ref. No.	Part No.	Description	Remark
FFC1	9-885-188-42	FFC 24P	
#1	7-685-546-19	SCREW +BTP 3X8 TYPE2 N-S	
#3	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	

4-4. FRONT PANEL SECTION

- Rear bottom view



Note: When the complete WS T board is replaced, refer to "NOTE OF REPLACING THE WS T BOARD" on page 3.

Ref. No.	Part No.	Description	Remark
151	A-1952-839-A	FRONT PANEL ASSY (US, CND)	
151	A-1952-840-A	FRONT PANEL ASSY (AEP, UK, AUS)	
152	9-885-188-30	BT BOARD, COMPLETE	
153	9-885-188-29	VFD BOARD, COMPLETE	
154	9-885-188-31	WS T BOARD, COMPLETE (See Note)	
FFC2	9-885-188-41	FFC 18P	

Ref. No.	Part No.	Description	Remark
SP1	1-858-527-12	LOUDSPEAKER (5.5X8 cm) (L-ch)	
SP2	1-858-527-12	LOUDSPEAKER (5.5X8 cm) (R-ch)	
SPC1	9-885-188-39	CABLE, SPEAKER CONNECTION (L) (for L-ch)	
SPC2	9-885-188-40	CABLE, SPEAKER CONNECTION (R) (for R-ch)	
#1	7-685-546-19	SCREW +BTP 3X8 TYPE2 N-S	

SECTION 5
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.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . , uPA. . , µPA. . ,
  uPB. . : µPB. . , uPC. . , µPC. . ,
  uPD. . : µPD. .
- Abbreviation
  AUS : Australian model
  CND : Canadian model

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

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

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

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

Ref. No.	Part No.	Description	Remark
	9-885-188-30	BT BOARD, COMPLETE	
		**********	
**********			
🔒	9-885-188-28	HDMI BOARD, COMPLETE	
		**********	
**********			
	9-885-188-32	IR BOARD, COMPLETE	
		**********	
**********			
	9-885-188-27	MAIN BOARD, COMPLETE (US, CND, AUS)	
	9-885-189-86	MAIN BOARD, COMPLETE (AEP, UK)	
		**********	
		< IC >	
U701	9-885-188-33	IC STA516B	
**********			
⚠	9-885-188-25	POWER BOARD, COMPLETE (US, CND)	
⚠	9-885-188-26	POWER BOARD, COMPLETE (AEP, UK, AUS)	
		**********	
**********			
	9-885-188-29	VFD BOARD, COMPLETE	
		**********	
**********			
	9-885-188-31	WS T BOARD, COMPLETE	
		**********	
**********			
		MISCELLANEOUS	
		**********	
⚠ AC1	9-885-188-34	CORD, POWER-SUPPLY (US, CND)	
⚠ AC1	9-885-188-35	CORD, POWER-SUPPLY (AEP)	
⚠ AC1	9-885-188-36	CORD, POWER-SUPPLY (UK)	
⚠ AC1	9-885-188-37	CORD, POWER-SUPPLY (AUS)	
FFC1	9-885-188-42	FFC 24P	
FFC2	9-885-188-41	FFC 18P	
SP1	1-858-527-12	LOUDSPEAKER (5.5X8 cm) (L-ch)	
SP2	1-858-527-12	LOUDSPEAKER (5.5X8 cm) (R-ch)	
SPC1	9-885-188-39	CABLE, SPEAKER CONNECTION (L) (for L-ch)	
SPC2	9-885-188-40	CABLE, SPEAKER CONNECTION (R) (for R-ch)	
**********			
		ACCESSORIES	
		**********	
	4-463-522-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH) (US, CND)	
	4-463-522-21	MANUAL, INSTRUCTION (ENGLISH) (UK)	
	4-463-522-31	MANUAL, INSTRUCTION (FRENCH, SPANISH, DUTCH) (AEP)	
	4-463-522-41	MANUAL, INSTRUCTION (GERMAN, POLISH, ITALIAN) (AEP)	
	4-463-522-51	MANUAL, INSTRUCTION (ENGLISH) (AUS)	
501	9-885-188-49	REMOTE COMMANDER (RM-ANP109) (Remote control) (US, CND, AUS)	
501	9-885-188-50	REMOTE COMMANDER (RM-ANP110) (Remote control) (AEP, UK)	
502	1-783-327-51	CABLE, LIGHT PLUG (Digital optical cable for a TV)	

501 Remote control (1)

502 Digital optical cable for a TV (1)

Note: As for parts described in this ELECTRICAL PARTS LIST, the exchange with single part is possible. When parts other than these are damaged, exchange the complete mounted board.

MEMO

REVISION HISTORY

Ver.	Date	Description of Revision
1.0	2013.06	New
1.1	2013.11	Addition of ABOUT PART REPAIR OF EACH BOARD on the SERVICING NOTES Addition of Circuit Boards Location, Printed Wiring Board, Schematic Diagram, IC Block Diagram and IC Pin Function Description on the DIAGRAMS Addition of ELECTRICAL PARTS LIST