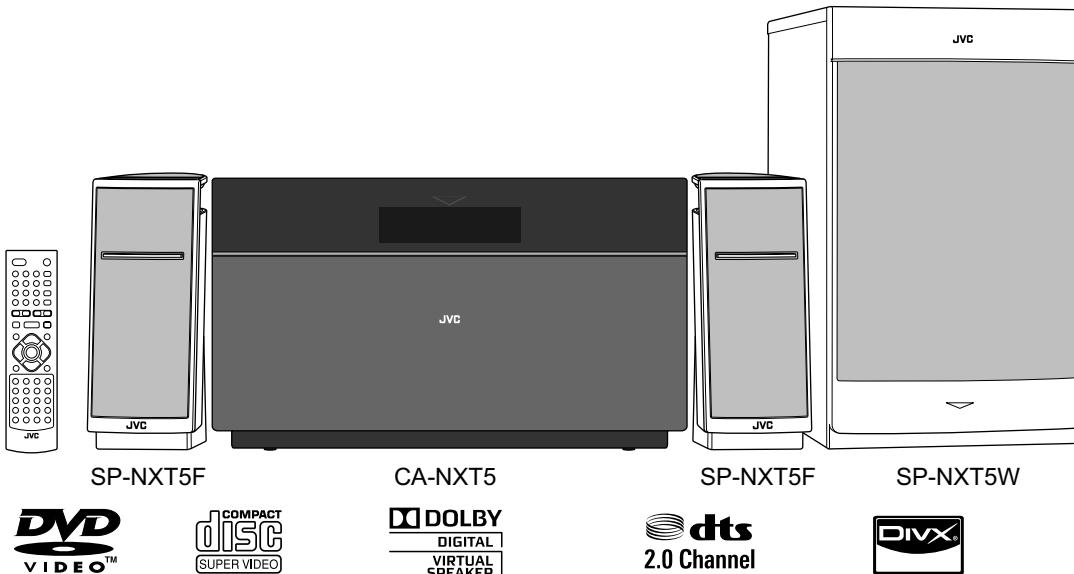


# JVC

## SERVICE MANUAL

COMPACT COMPONENT SYSTEM

# NX-T5B, NX-T5E, NX-T5EN, NX-T5EV, NX-T5EE



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

### TABLE OF CONTENTS

1 PRECAUTION .....	1-4
2 SPECIFIC SERVICE INSTRUCTIONS .....	1-7
3 DISASSEMBLY .....	1-7
4 ADJUSTMENT .....	1-11
5 TROUBLESHOOTING .....	1-11

# SPECIFICATION

## Main unit-CA-NXT5

Main unit-CA-NXT5					
<b>Input/output</b>					
HDMI output	HDMI OUT				
USB terminal	USB MEMORY PLAY				
Analog audio input	AUDIO IN 500 mV/50 kΩ				
Digital audio input	DIGITAL IN (OPTICAL) -21 dBm to -15 dBm (660 nm±30 nm)				
Analogue video output	VIDEO OUT	Color system PAL Composite video, 1 V(p-p)/75Ω			
<b>Tuner</b>					
FM tuning range	87.50 MHz - 108.00 MHz				
<b>Disc player</b>					
Playable disc	DVD Video/CD/VCD/SVCD				
	CD-R/CD-RW (CD/SVCD/VCD/MP3/JPEG/MPEG-1/MPEG-2/DivX format)				
	DVD-R/-RW (DVD Video/DVDVR/MP3/JPEG/MPEG-1/MPEG-2/DivX format)				
	+R/+RW (DVD Video/MP3/JPEG/MPEG-1/MPEG-2/DivX format)				
Dynamic range	80 dB				
Horizontal resolution	500 lines				
Wow and flutter	Immeasurable				
<b>USB</b>					
Playable files	MP3/JPEG/MPEG-1/MPEG-2/DivX format				
USB specification	Compatible with USB 2.0 Full Speed				
Compatible device	Mass storage class				
Compatible system	FAT16, FAT32				
Bus power supply	DC 5 V 500 mA				
<b>HDMI</b>					
Video resolution	576p, 720p, 1080i, 1080p				
Output power (HDMI OUT)	DC 5 V 55 mA				
<b>General</b>					
Mass (approx.)	2.3 kg				
Dimensions (approx.)	Placed vertically	A: 240 mm B: 420 mm C: 64 mm D: 70 mm E: 134 mm			
	Placed horizontally	F: 420 mm G: 70 mm H: 240 mm			
Subwoofer-SP-NXT5W					
Output power	Front	100 W (50 W + 50 W) at 6 Ω (10% THD)			
	Subwoofer	100 W at 3 Ω (10% THD)			
Speaker	Bass reflex type 16 cm cone x 1				
Power handling capacity	100 W				
Frequency range	40 Hz - 150 Hz				
Sound pressure level	77 dB/W · m				

Power requirements	AC 230 V , 50 Hz
Power consumption	40 W (at operation of the System)
	1.00 W or less (on standby)
Mass (approx.)	9.2 kg
Dimensions (approx.)	231 mm × 393 mm × 370.5 mm (W/H/D)
<b>Speakers-SP-NXT5F</b>	
Speaker	1 way bass reflex type 8 cm cone x 1
Impedance	6 Ω
Power handling capacity	50 W
Frequency range	75 Hz - 20 kHz
Sound pressure level	82 dB/W · m
Mass (approx.)	0.83 kg each
Dimensions (approx.)	100 mm × 240 mm × 128 mm (W/H/D)

*Design and specifications are subject to change without notice.*

# SECTION 1

## PRECAUTION

### 1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

#### (5) Leakage shock hazard testing

After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).

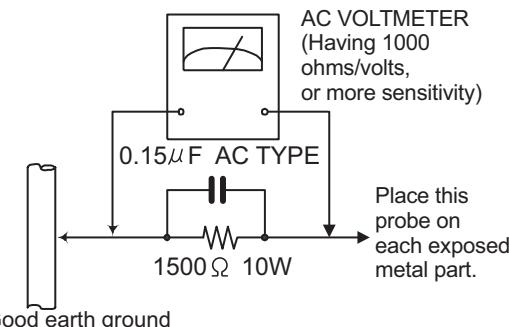
#### • Alternate check method

Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.

Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



### 1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

### 1.3 Caution

**Burrs formed during molding may be left over on some parts of the chassis.**

**Therefore, pay attention to such burrs in the case of performing repair of this system.**

### 1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (—), diode (—) and ICP (●) or identified by the "Δ" mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.  
(This regulation dose not Except the J and C version)

## 1.5 Preventing static electricity

Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

### 1.5.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products.

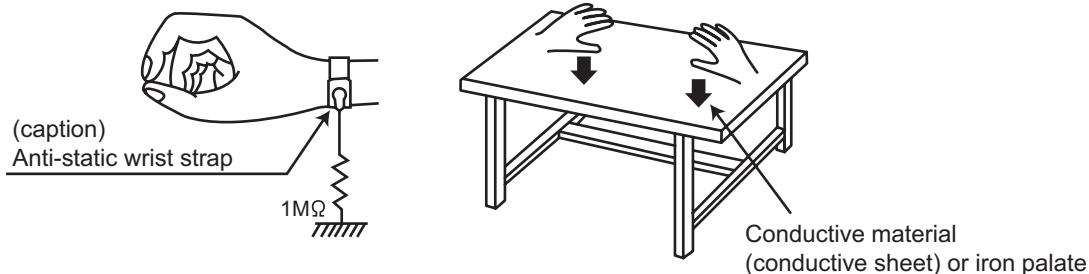
Be careful to use proper grounding in the area where repairs are being performed.

#### (1) Ground the workbench

Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

#### (2) Ground yourself

Use an anti-static wrist strap to release any static electricity built up in your body.



#### (3) Handling the optical pickup

- In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition.  
(Refer to the text.)
- Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

## 1.6 Handling the traverse unit (optical pickup)

- Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.
- Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.
- Handle the flexible cable carefully as it may break when subjected to strong force.
- It is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it.

## 1.7 Important for laser products

### 1.CLASS 1 LASER PRODUCT

#### 2.CAUTION :

(For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam.  
 (Others) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.

**3.CAUTION :** Visible and/or invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

**4.CAUTION :** This laser product uses visible and/or invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

(For U.S.A.)

**CAUTION :** Visible and/or invisible class II laser radiation when open. Do not stare into beam.

(Others)

**CAUTION :** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments

**ACHTUNG:** Sichtbare und/oder unsichtbare Laserstrahlung der Klasse 1M bei offenen Abdeckungen. Nicht direkt mit optischen Instrumenten betrachten.

**ATTENTION:** Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement avec des instruments optiques.

**VOORZICHTIG:** Zichtbare en/of onzichtbare klasse 1M laserstralen indien geopend. Bekijk niet direct met optische instrumenten.

**ATTENZIONE:** Radiazione laser in classe 1M visibile e/o invisibile quando aperto. Non osservare direttamente con strumenti ottici.

**WARNING:** Synlig och/eller osynlig laserstrålning, klass 1M, när denna del är öppnad. Betrakta ej strålen med optiska instrument.

**VARO!**: Avattaessa olet alittina näkyvälle ja/tai näkymättömälle luokan 1M lasersateilylle. Älä tarkastele sitä optisen laitteen läpi.

**ADVARSEL:** Synlig og/eller usynlig klasse 1M-laserstråling ved åbning. Se ikke direkte med optiske instrumenter.

**AVISO:** Radiación láser de clase 1M visible y/o invisible cuando está abierto. No mirar directamente con instrumental óptico.

**PRECAUÇÃO:** Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe directamente com instrumentos ópticos.

**5.CAUTION :** If safety switches malfunction, the laser is able to function.

**6.CAUTION :** Use of controls, adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.



**CAUTION Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

**PRECAUÇÃO:** Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe diretamente com instrumentos ópticos.

**ПРЕДУПРЕЖДЕНИЕ:** В открытом состоянии происходит видимое и/или невидимое излучение лазера класса 1М. Не смотрите непосредственно в оптические инструменты.

**UWAGA:** Otwarcie spowoduje narażenie na widzialne i/lub niewidzialne promieniowanie lasera klasy 1M. Nie patrzeć bezpośrednio w przyrządy optyczne.

**UPOZORNĚNÍ:** Při otevření vydává viditelné popř. neviditelné laserové ozáření třídy 1M. Nedívajte se do otvoru přímo s optickými nástroji.

**FIGYELMEZETÉS:** Látható és/vagy láthatatlan 1M osztályú sugárzás nyitott állapotban. Ne nézze közvetlenül optikai műszerekkel.

**注意 :** 打開蓋板可能會產生可見或不可見的 1M 級鐳射。  
 不要使用光學儀器直接進行窺視。

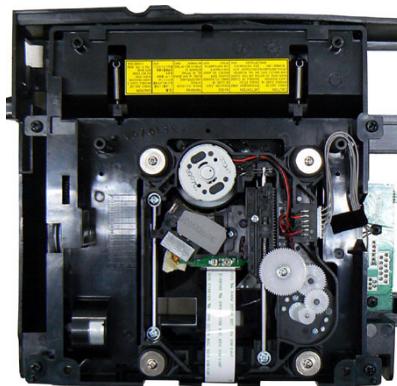
**注意：** 打开盖板可能会产生可见或不可见的 1M 级镭射。  
 不要使用光学仪器直接进行窥视。

**تنبيه:** يوجد إشعاع ليزري مرئي أو غير مرئي من الفئة 1M عندما يكون الجهاز مفتوحاً. يجب النظر مباشرة داخل الجهاز باستخدام أدوات بصريه.

**احتیاط:** هنگامی که باز گردد، تشعشع مرئی و یا نامرئی کلاس 1M لیزر وجود دارد. با لوازم چشمی مستقیماً به آن نگاه نکنید.

**주의:** 개방하면 가시 및/또는 비가시 클래스 1M 레이저 방사선이 나옵니다. 광학 기구로 직접 들여다보지 마십시오.

## REPRODUCTION AND POSITION OF LABELS and PRINT WARNING LABEL and PRINT



CAUTION VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	ATTENTION RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES.	AVISO RADIACION LÁSER VISIBLE Y/O INVISIBLE DE CLASE 1M CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTOS OPTICO.	VARNING SYNLIG OCH/ELLER OSYNLIG LASERSTRÄLLNING, DELÅR OPPNADE. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.	注意 こを聞くと可視 及び/または不可視 のクラス 1M レーザー輻射が 出ます。 光学機器で直接 見ないでください。 (JPN)	CAUTION VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG) LV44603-003A
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## SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

## SECTION 3 DISASSEMBLY

### 3.1 Main body (Used model: NX-T5E)

#### 3.1.1 Removing the DVD door

- (1) Connect the Main unit and Subwoofer.
- (2) Power to ON and then open the DVD door.
- (3) Slide to front side and pull up the DVD door.

#### 3.1.2 Removing the Top cabinet (See Fig.1,2, 3, 4)

- (1) Disconnect the card wire from DVD MPEG board connected to connector CNC1 and CNC5 of the Connect board. (See Fig.1)

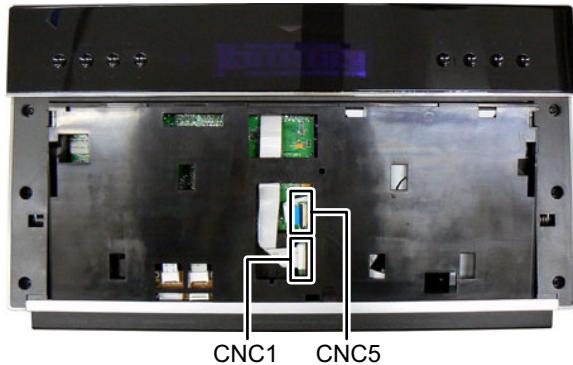


Fig.1

- (2) Remove the four screws **A** attaching the Top cabinet. (See Fig.2)

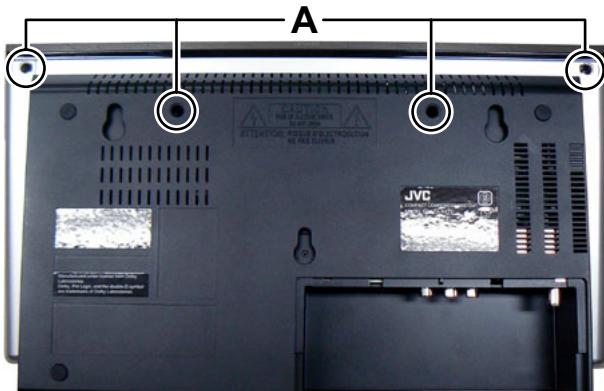


Fig.2

- (3) Remove the three screws **B** attaching the Top cabinet. (See Fig.3)

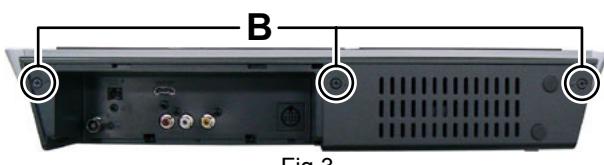


Fig.3

- (4) Disconnect the card wire from DVD MPEG board connected to connector CON401 of the Display board. (See Fig.4)

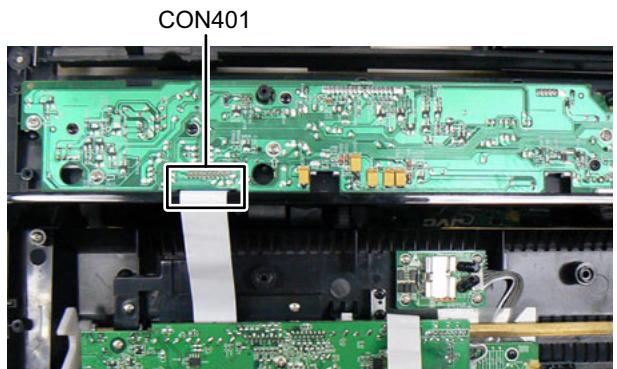


Fig.4

#### 3.1.3 Removing the DVD mechanism (See Fig.5)

- (1) Remove the four screws **C** attaching the DVD mechanism.
- (2) Remove the two screws **D** attaching the Connect board.

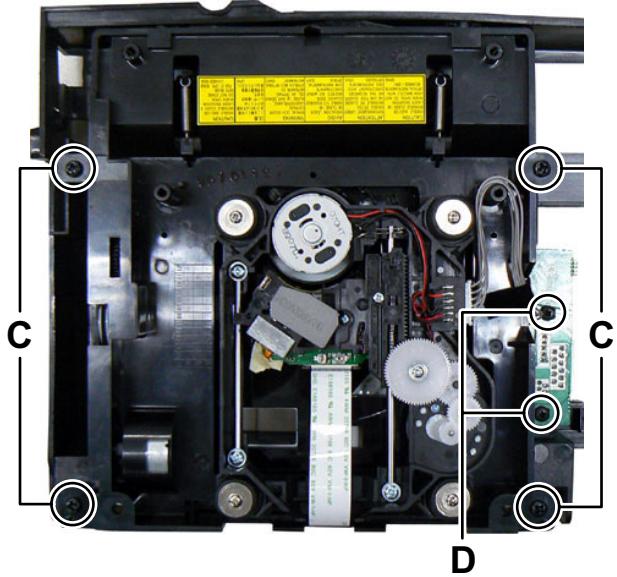


Fig.5

### 3.1.4 Removing the Display board (See Fig.6)

- (1) Remove the six screws **E** attaching the Display board.
- (2) Disconnect the card wire from Key board connected to connector [CON402](#) and [CON403](#) of the Display board.

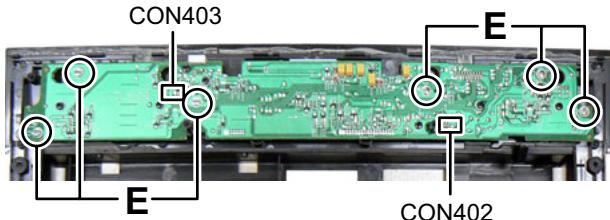


Fig.6

### 3.1.5 Removing the DVD MPEG board (See Fig.7, 8)

- (1) Remove the two screws **F** attaching the DVD MPEG board. (See Fig.7)

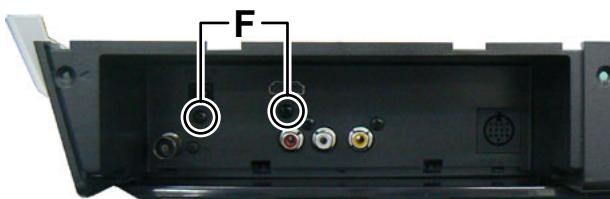


Fig.7

- (2) Disconnect the card wire from DVD MPEG board connected to connector [SCON1](#) of the UPGRADE board. (See Fig.8)
- (3) Disconnect the connector wire from DVD VCC board connected to connector [SCON2](#) of the DVD MPEG board. (See Fig.8)
- (4) Disconnect the card wire from Main board connected to connector [CN702](#) of the DVD MPEG board. (See Fig.8)
- (5) Disconnect the connector wire from Main board connected to connector [CON101](#) of the DVD MPEG board. (See Fig.8)
- (6) Disconnect the connector wire from USB board connected to connector [CON703](#) of the DVD MPEG board. (See Fig.8)

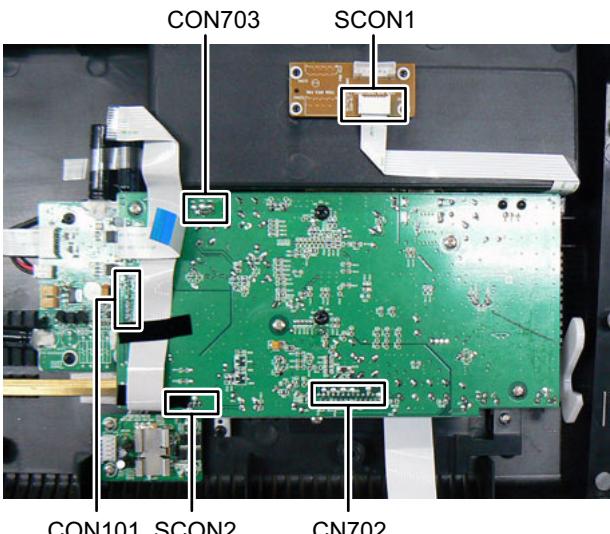


Fig.8

### 3.1.6 Removing the USB board (See Fig.9)

- (1) Disconnect the connector wire from USB board connected to connector [CON301](#) of the Main board.
- (2) Disconnect the card wire from USB board connected to connector [CON201](#) of the Main board.
- (3) Remove the two screws **G** attaching the USB board.

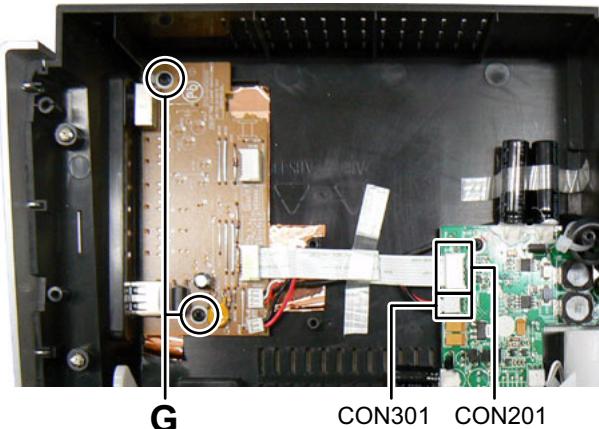


Fig.9

### 3.1.7 Removing the Main board (See Fig.10, 11, 12)

- (1) Remove the two screws **H** attaching the Main board. (See Fig.10)

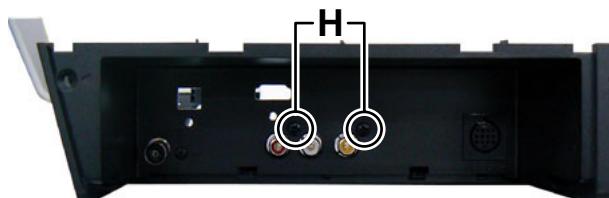


Fig.10

- (2) Remove the three screws **J** and two screws **K** attaching the DC motor. (See Fig.11)
- (3) Disconnect the connector wire from DC motor connected to connector [MTCON1](#) of the Main board. (See Fig.11)
- (4) Disconnect the card wire from Tuner pack connected to connector [CON603](#) of the Main board. (See Fig.11)

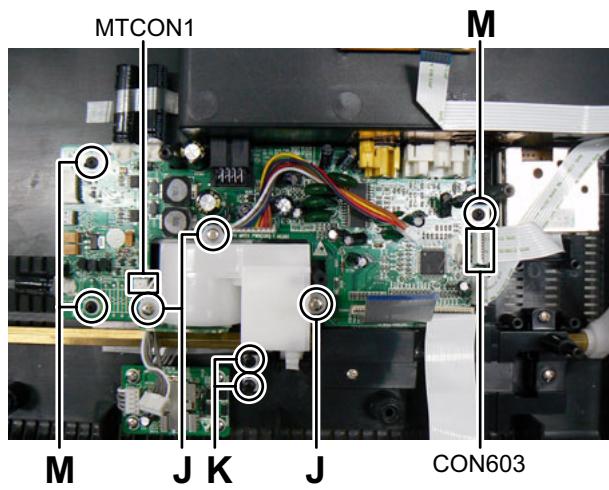


Fig.11

(5) Remove the four screws **L** attaching the bracket. (See Fig.12)

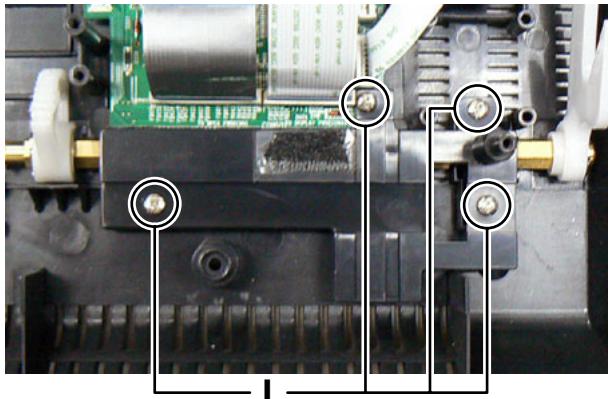


Fig.12

(6) Remove the three screws **M** attaching the Main board. (See Fig.11)

### 3.2 Subwoofer (Used model: SP-NXT5WE)

#### 3.2.1 Removing the Power amp unit (See Fig.1, 2, 3)

(1) Remove the six screws **A** attaching the Power amp unit. (See Fig.1)

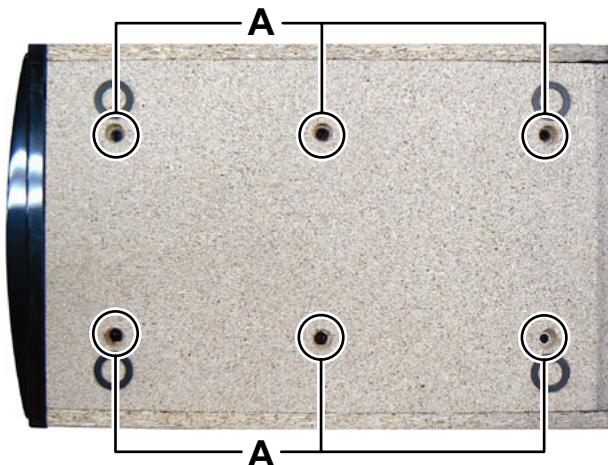


Fig.1

(2) Remove the three screws **B** attaching the Power amp unit. (See Fig.2)

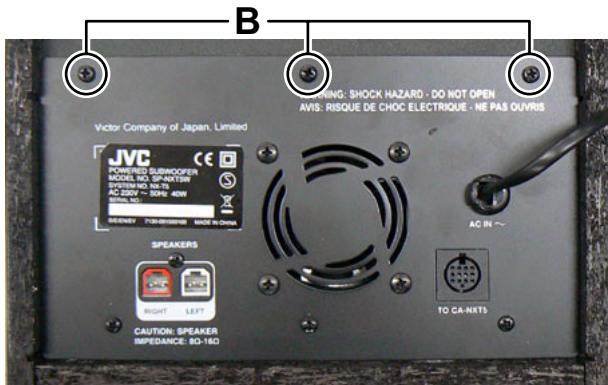


Fig.2

(3) Pull out the Power amp unit for half way; disconnect the connector wire from Subwoofer speaker connected to connector [CON805](#) of the Power amp board. (See Fig.3)

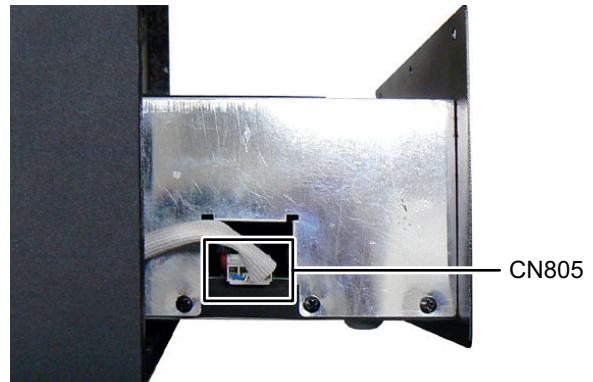


Fig.3

#### 3.2.2 Removing the Power cover and Amp cover (See Fig.4, 5, 6, 7)

(1) Remove the five screws **C** attaching the Cover. (See Fig.4)

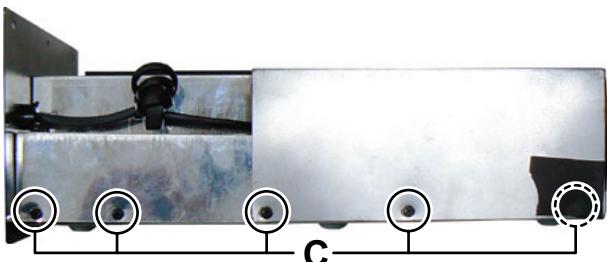


Fig.4

(2) Remove the three screws **D** attaching the Cover. (See Fig.5)

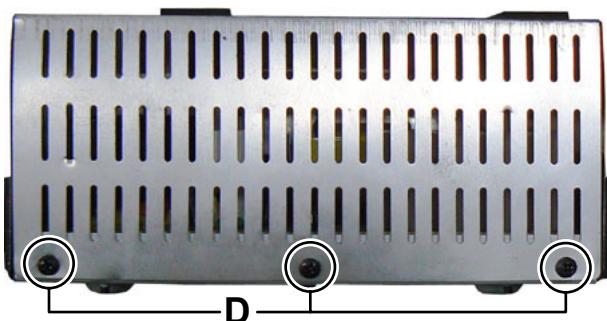


Fig.5

(3) Remove the six screws **E** attaching the Cover. (See Fig.6)

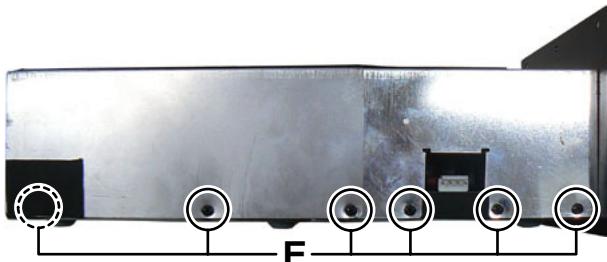


Fig.6

- (4) Lift up the cover; remove the two screws **F** attaching the Cover. (See Fig.7)

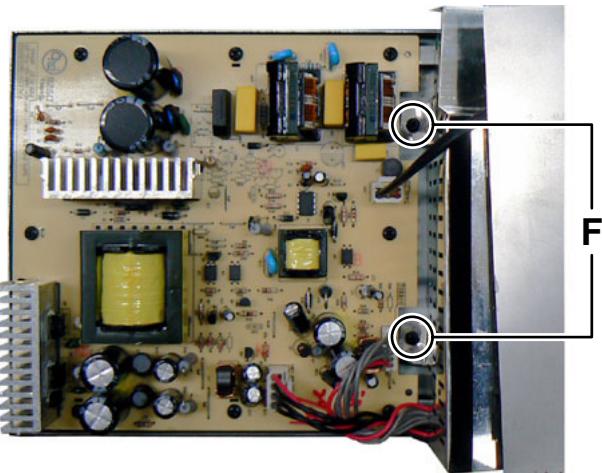


Fig.7

### 3.2.3 Removing the Power board (See Fig.8)

- (1) Disconnect the power cord connected to connector [CON01](#) of the Power board.
- (2) Disconnect the connector wires from Amp board connected to connectors [CON901](#) and [CON902](#) of the Power board.
- (3) Remove the eight screws **G** attaching the Power board.

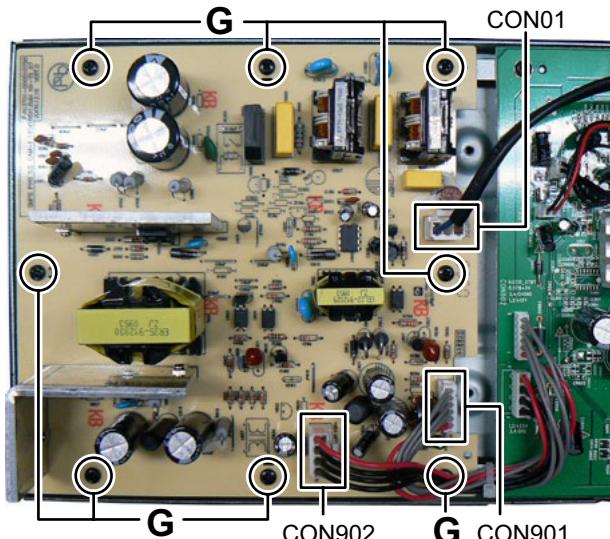


Fig.8

### 3.2.4 Removing the Amp board (See Fig.9, 10)

- (1) Remove the four screws **H** attaching the Back plate. (See Fig.9)

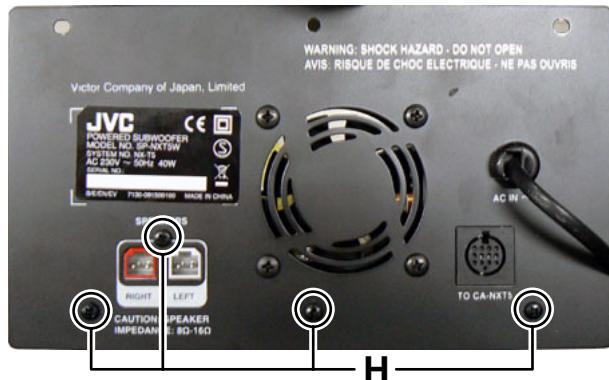


Fig.9

- (2) Remove the four screws **J** attaching the Amp board. (See Fig.10)

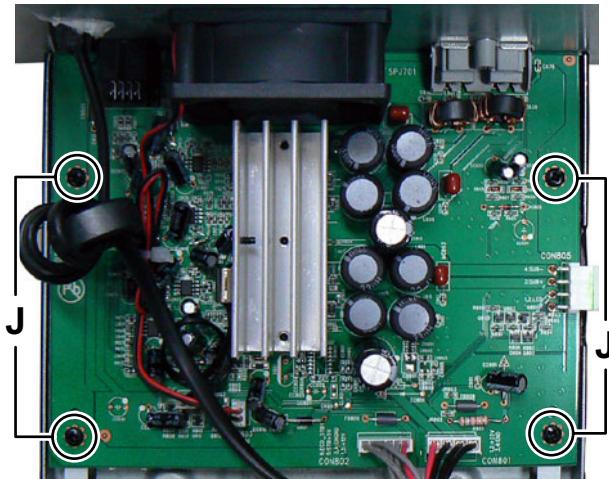


Fig.10

## **SECTION 4 ADJUSTMENT**

This service manual does not describe ADJUSTMENT.

## **SECTION 5 TROUBLESHOOTING**

This service manual does not describe TROUBLESHOOTING.



**Victor Company of Japan, Limited**

Home Entertainment Business Division Personal AV Operation 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

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(No. MB744<Rev.001>)

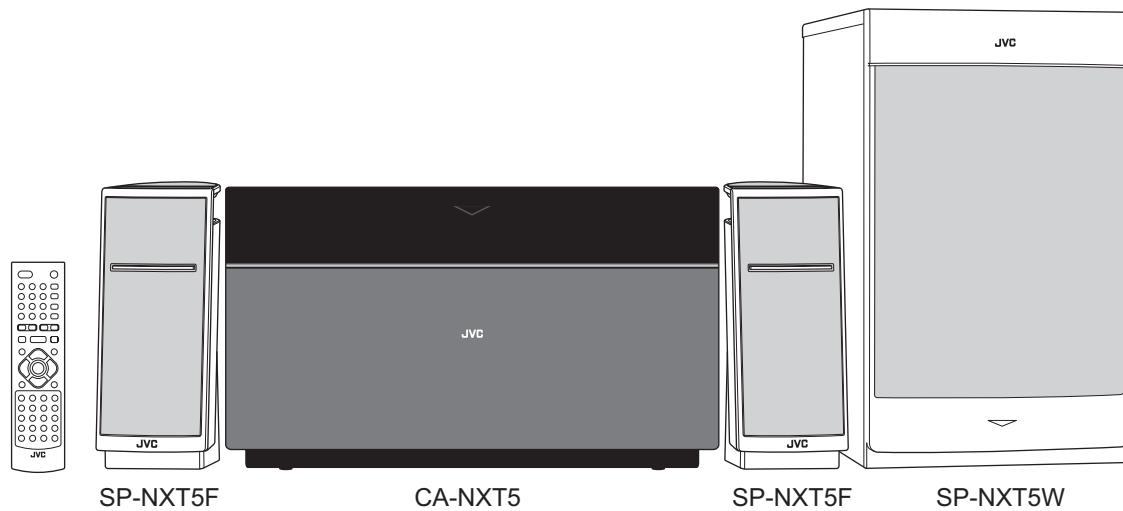
Printed in Japan  
VSE

# JVC

## SCHEMATIC DIAGRAMS

COMPACT COMPONENT SYSTEM

**NX-T5B, NX-T5E, NX-T5EN,  
NX-T5EV, NX-T5EE**



DVD  
VIDEO™



COMPACT  
DISC  
SUPER VIDEO



DOLBY  
DIGITAL  
VIRTUAL  
SPEAKER



dts  
2.0 Channel



HDMI

MP3  
PLAYBACK

*Radio Data System*

**Digital Direct Progressive Scan**

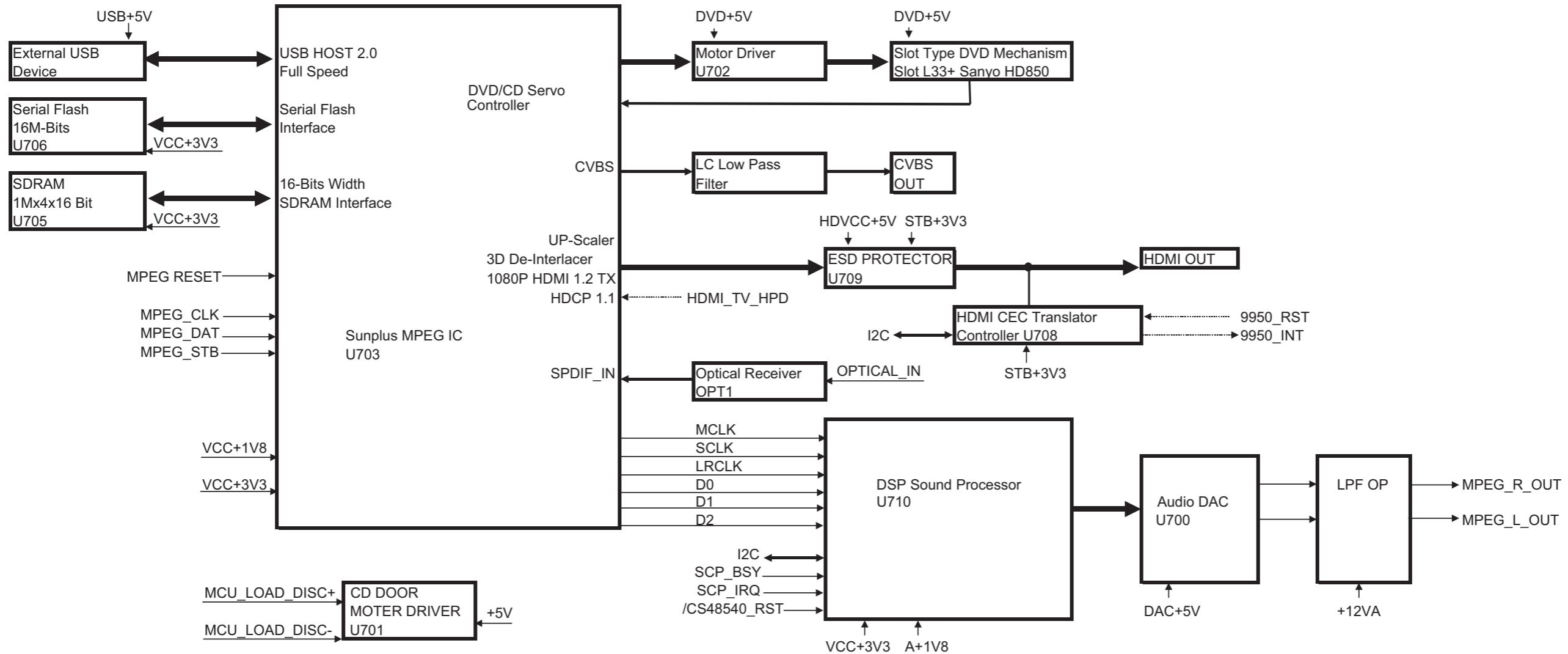
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

### Contents

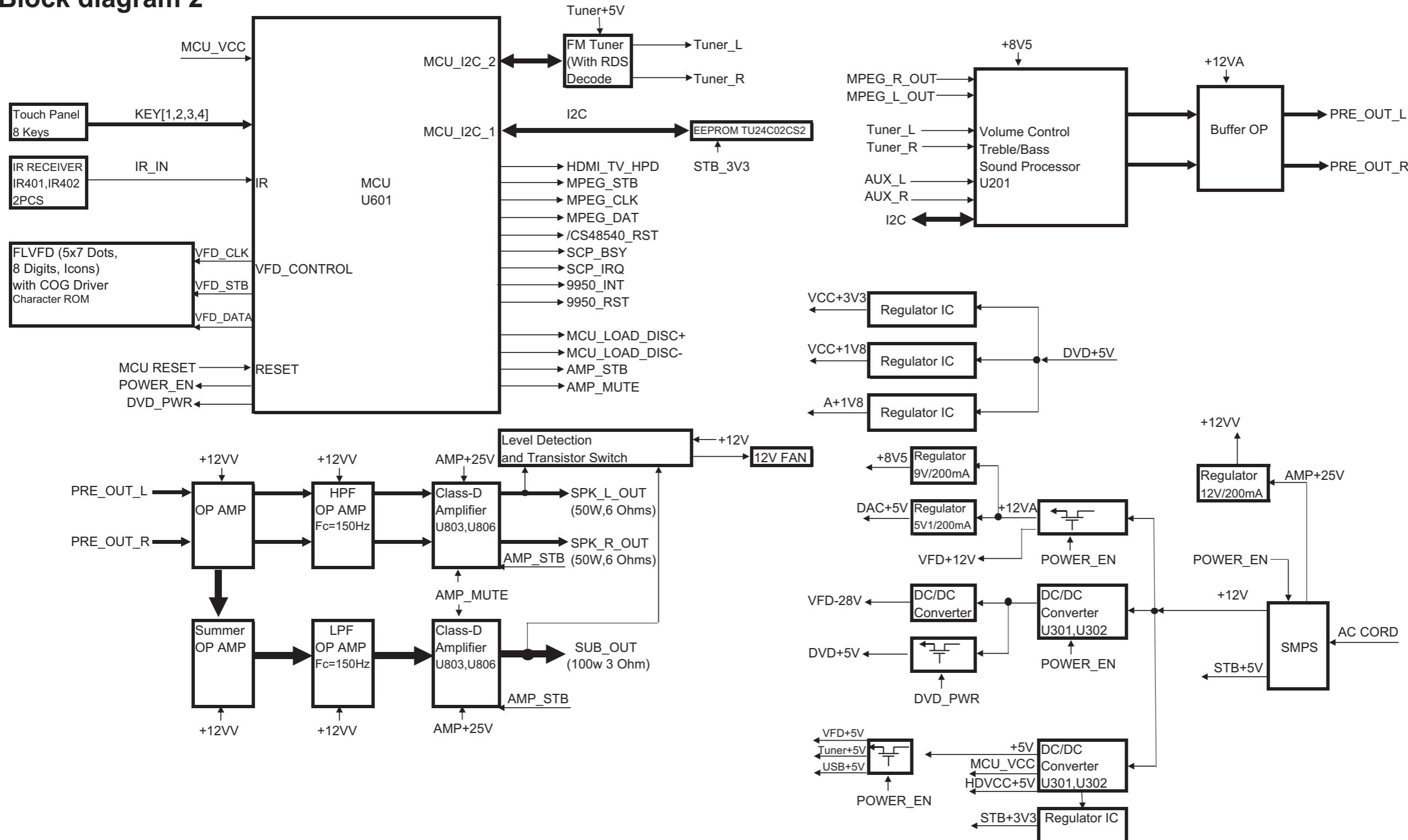
Block diagrams	2-1
Standard schematic diagrams	2-3
Printed circuit boards	2-18 to 22

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (—), diode (■) and ICP (●) or identified by the "Δ" mark nearby are critical for safety.

## Block diagram 1

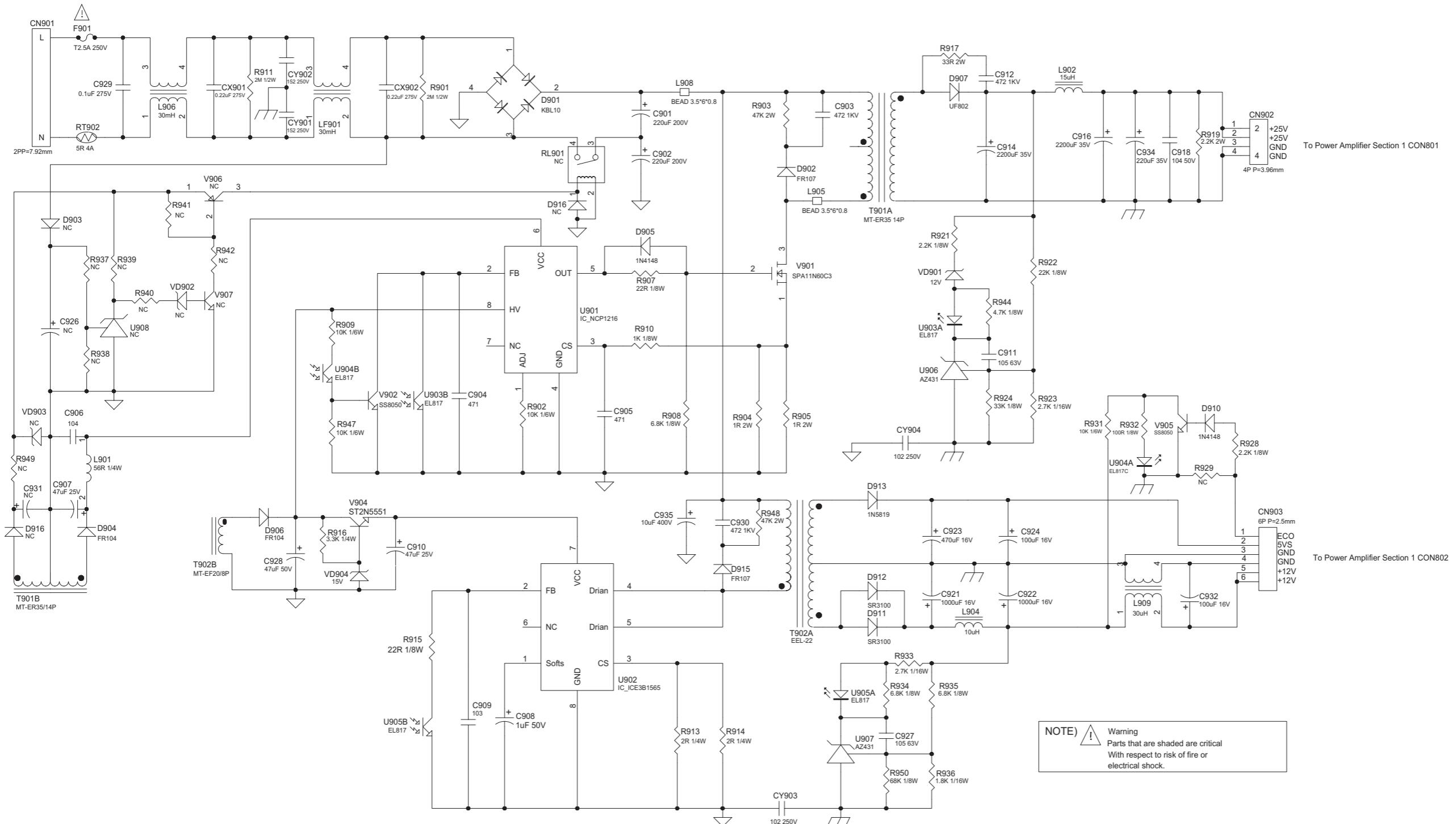


## Block diagram 2



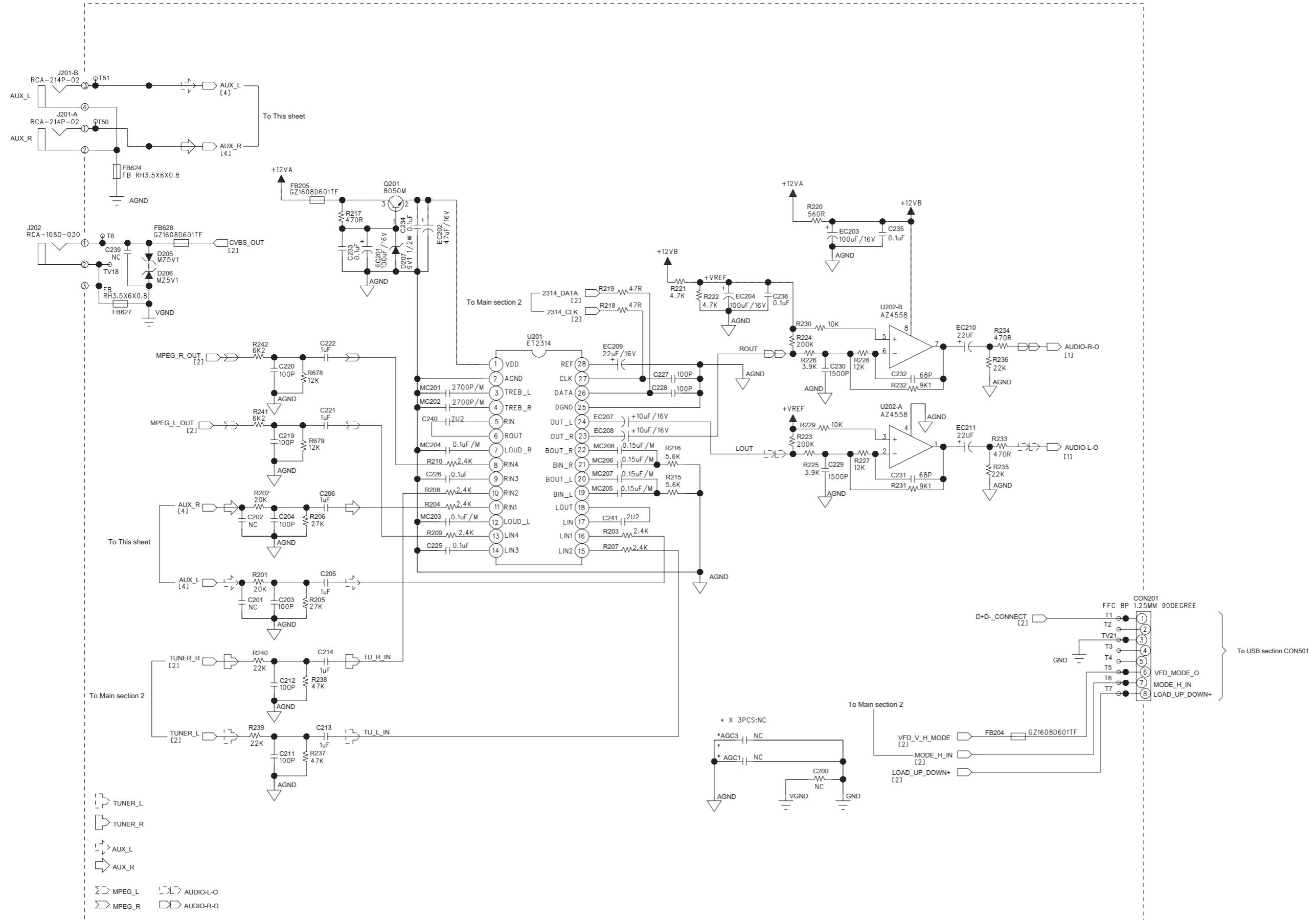
# Standard schematic diagrams

<SMPS section>

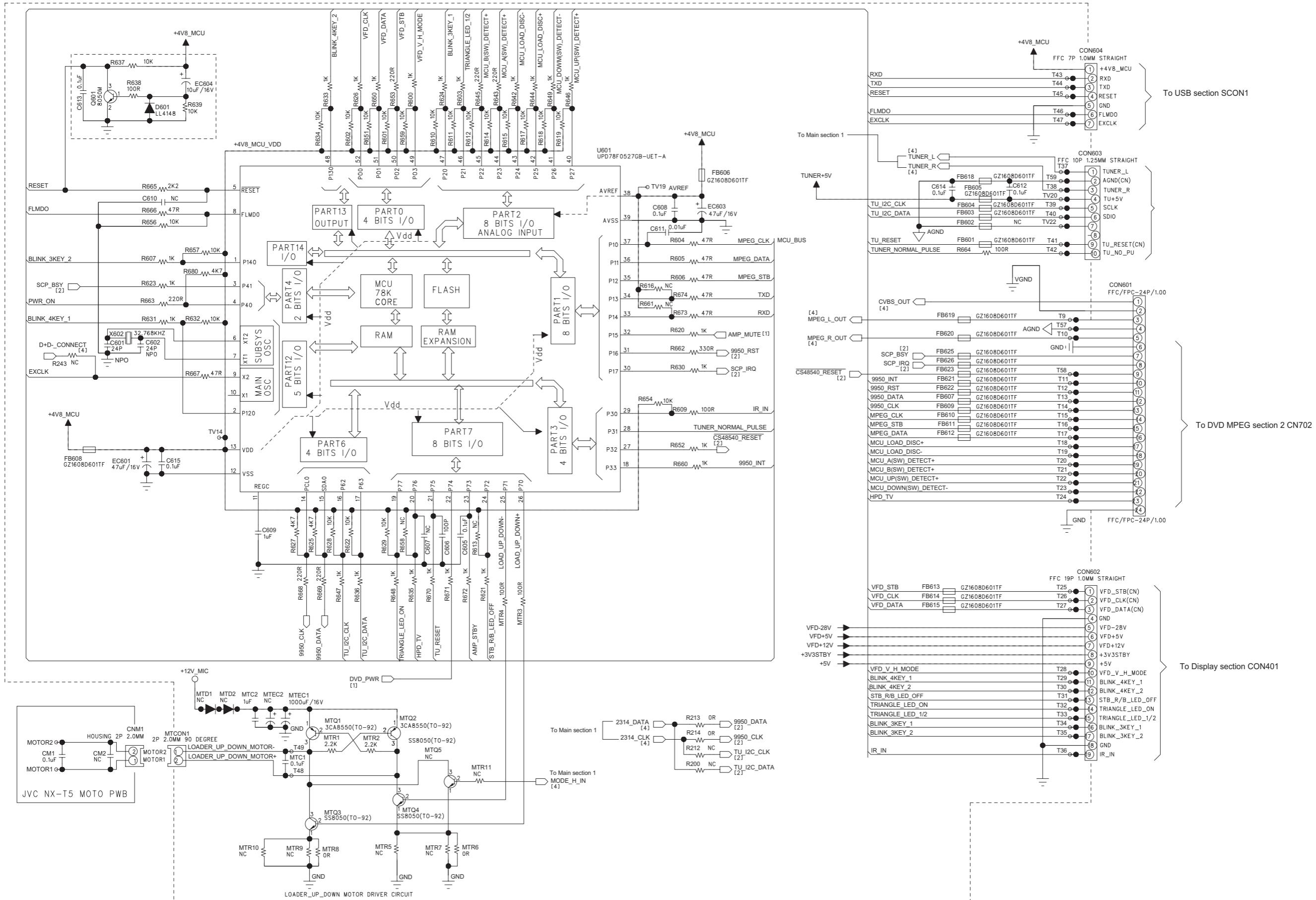


NOTE) Warning  
Parts that are shaded are critical  
With respect to risk of fire or  
electrical shock.

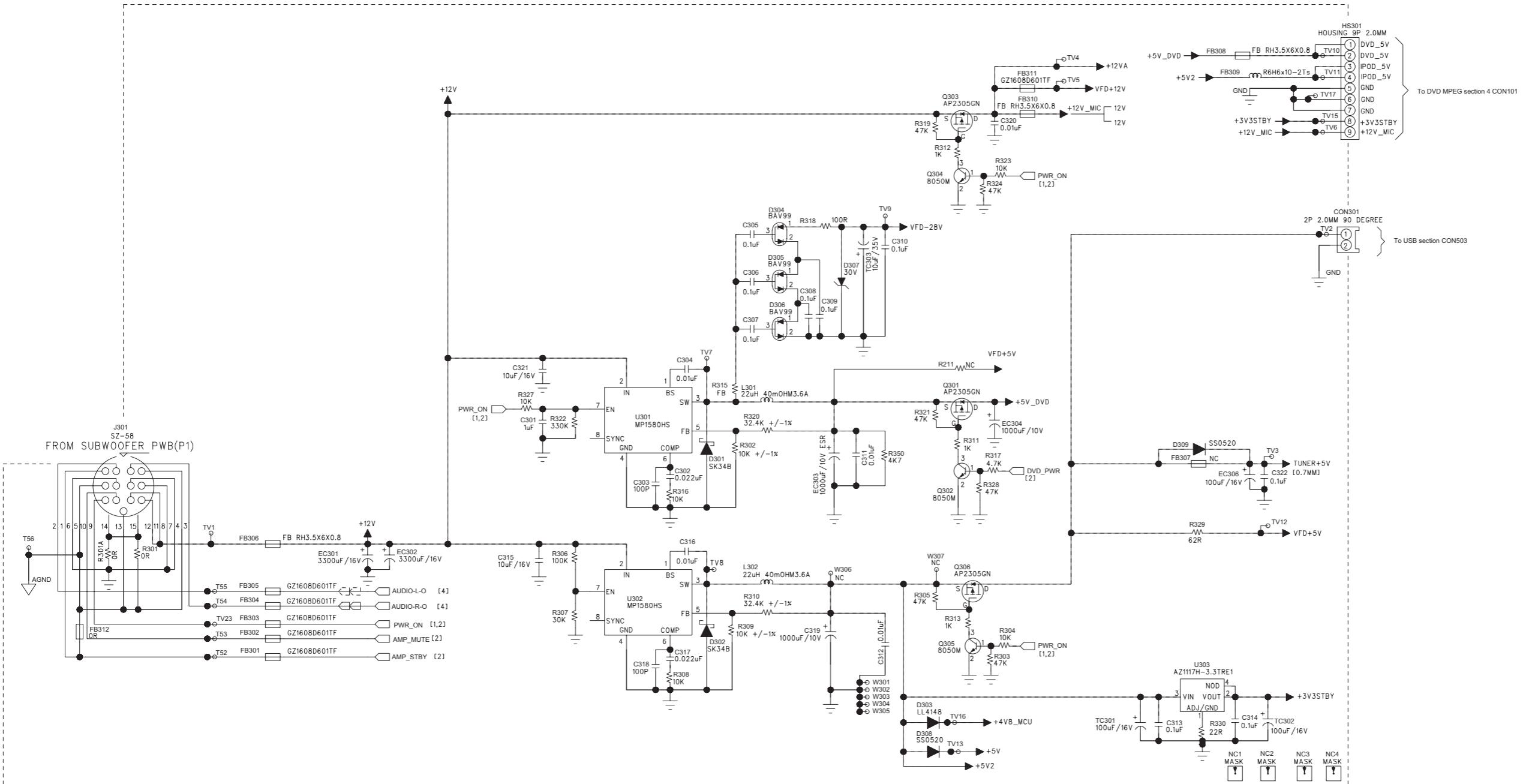
## <Main section 1>



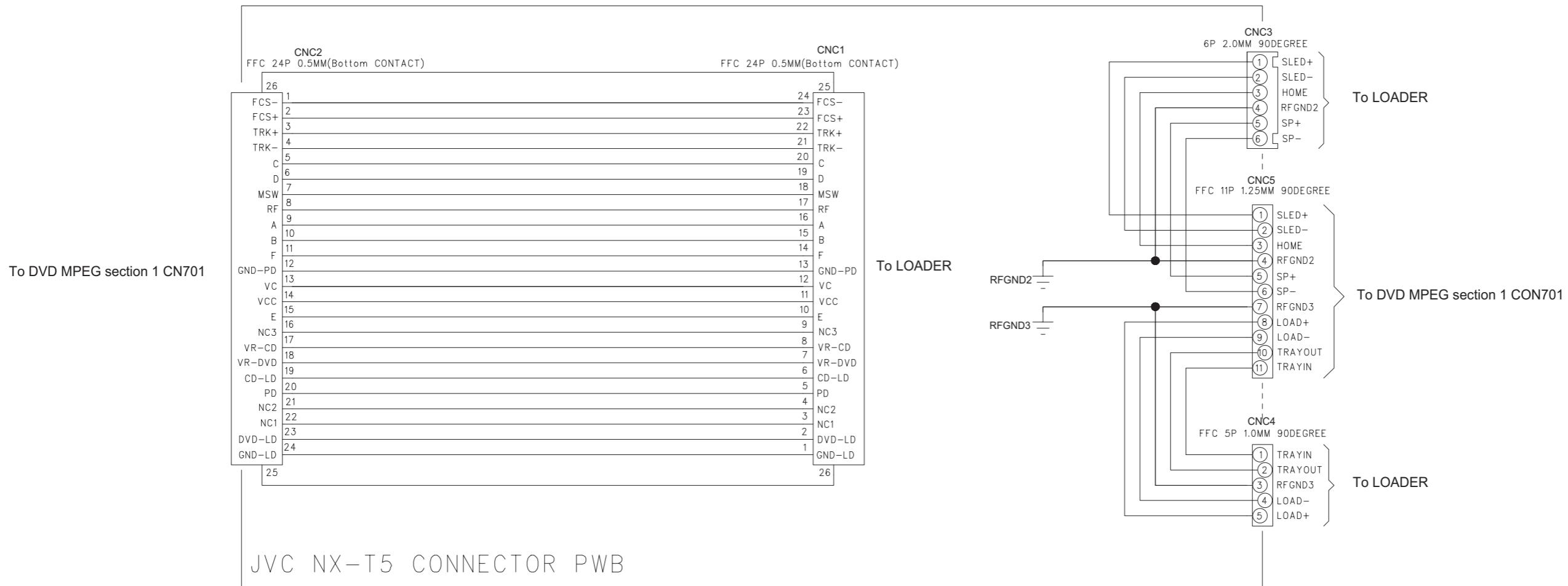
## <Main section 2>



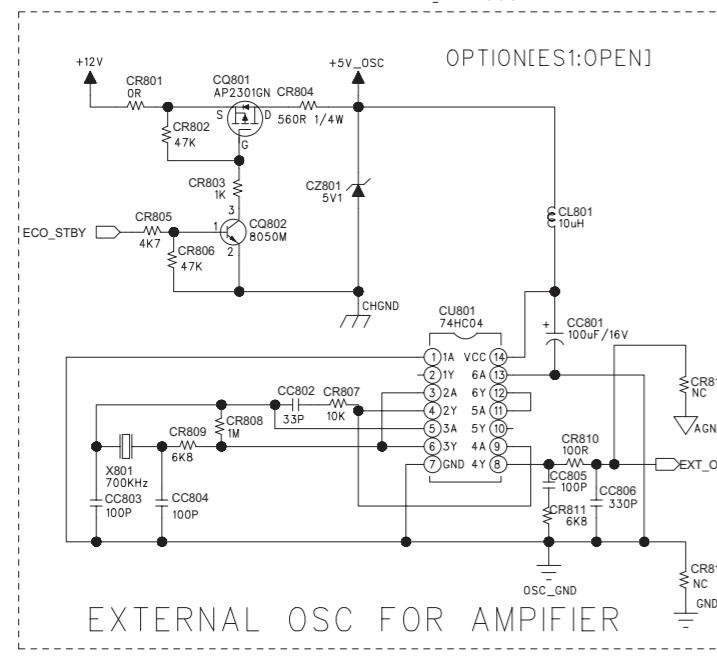
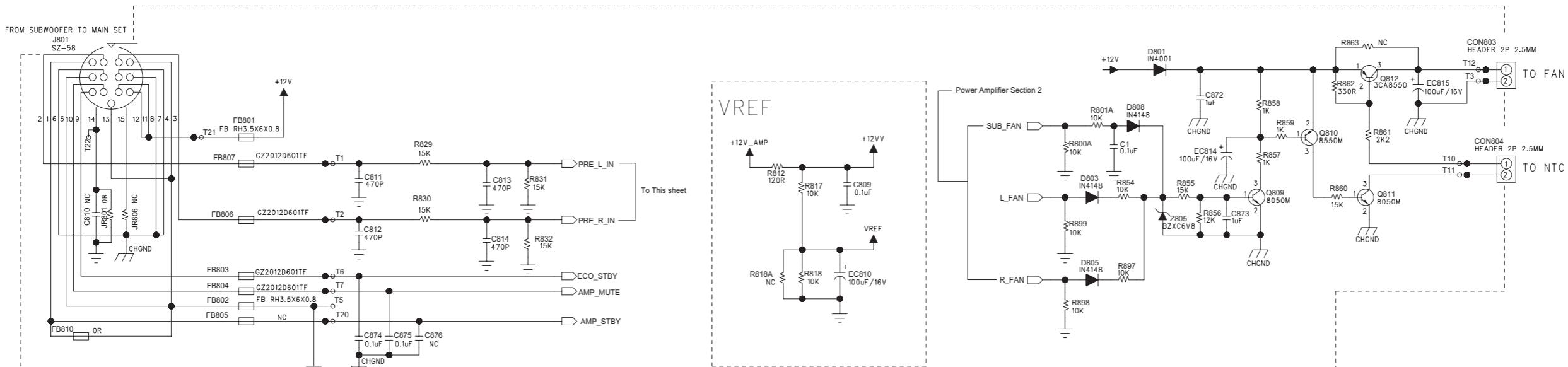
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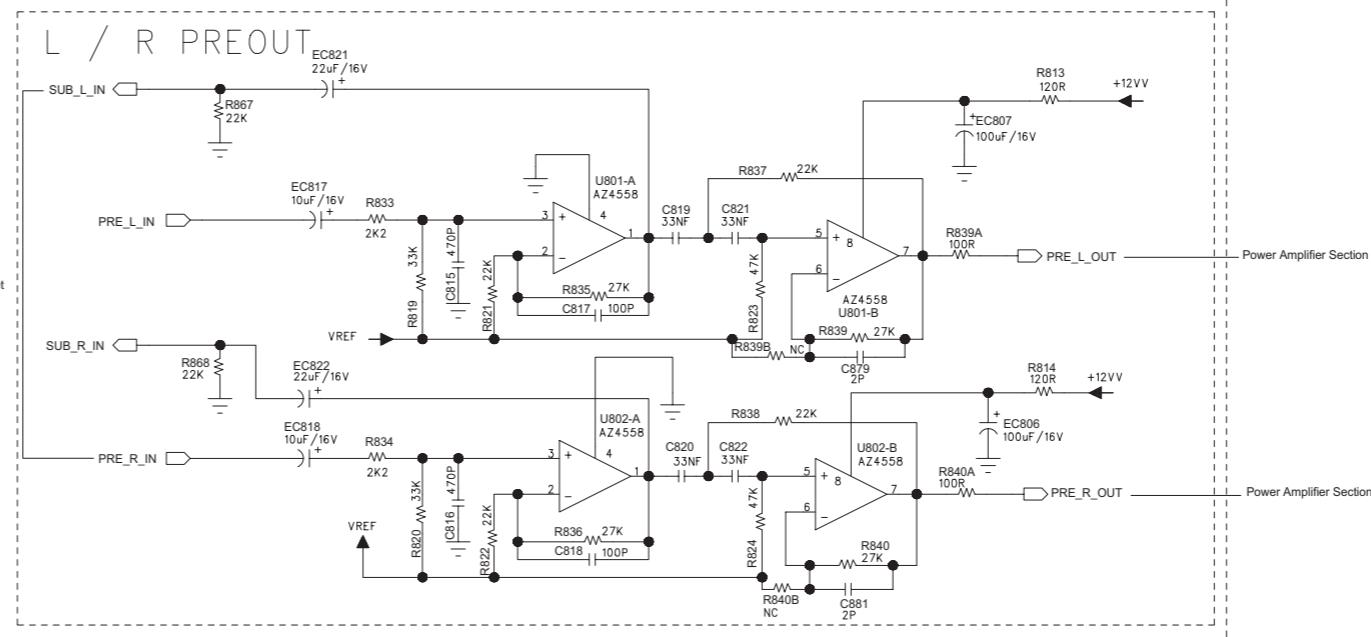
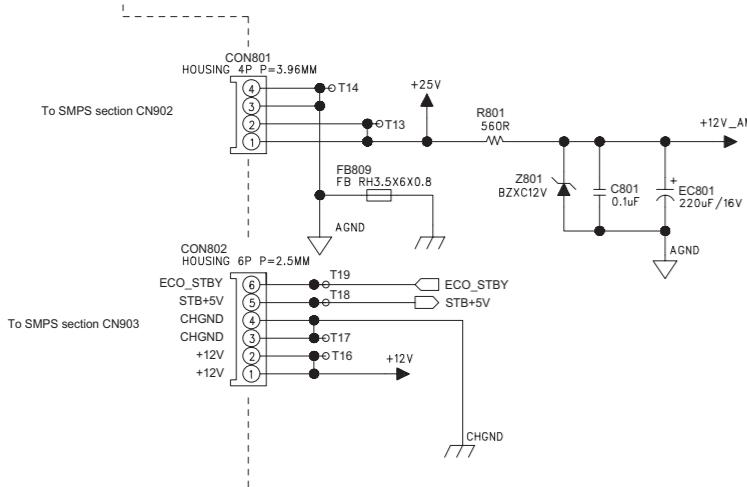
<Main section 4>



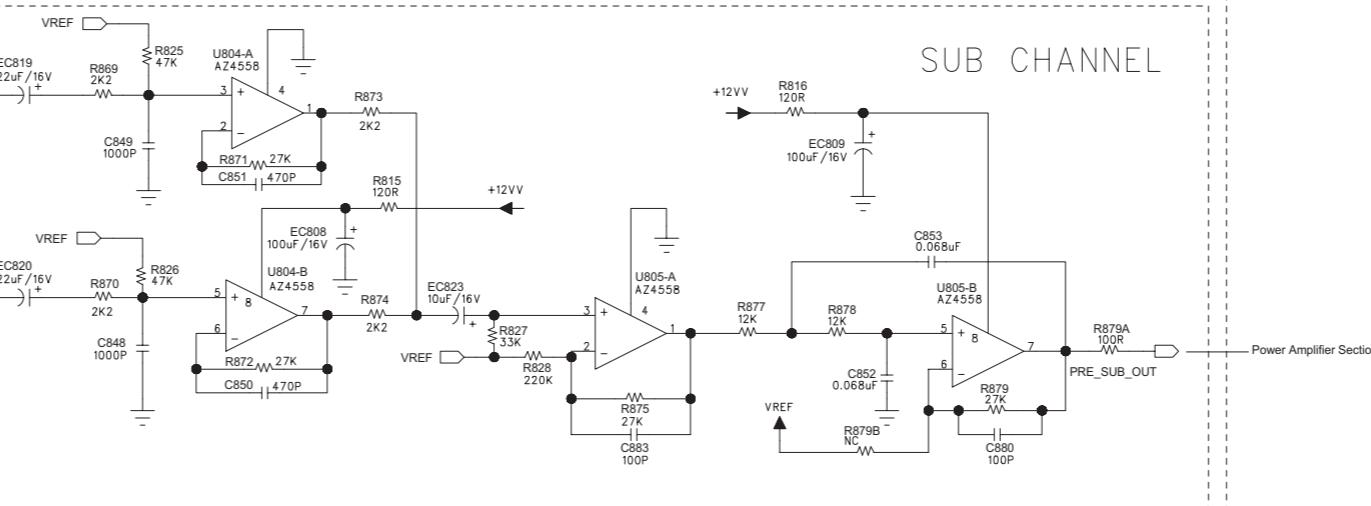
## <Power Amplifier Section 1>



EXTERNAL OSC FOR AMPLIFIER

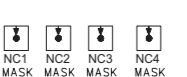
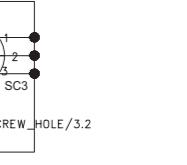
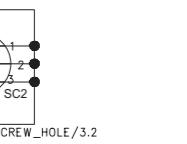
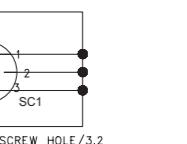
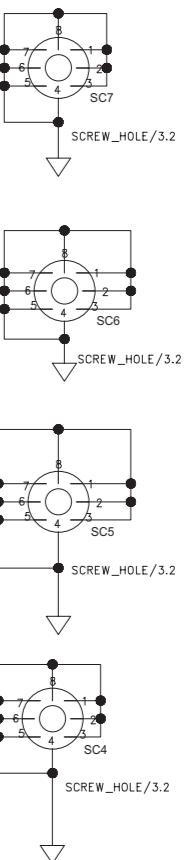
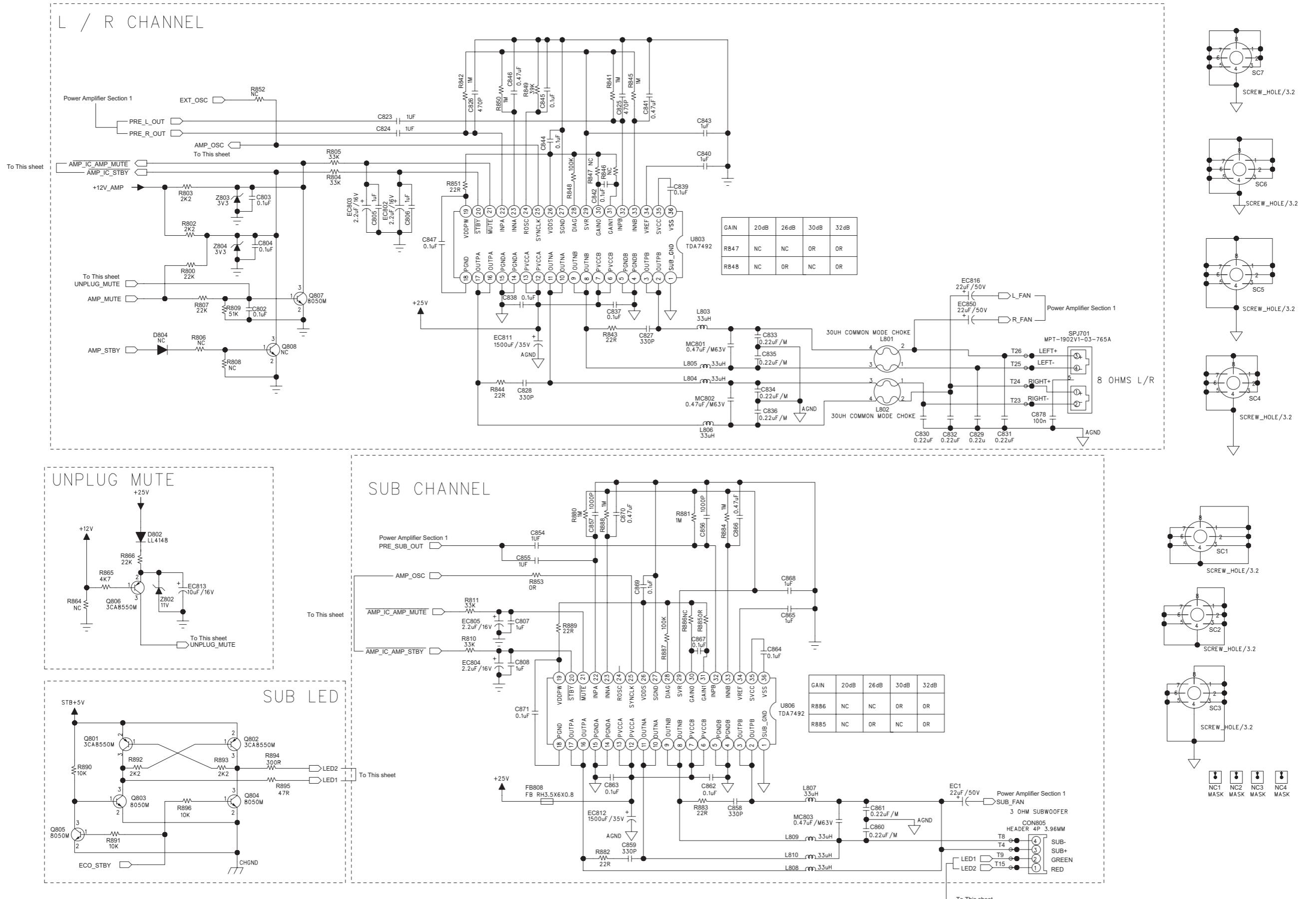


Power Amplifier Section 2

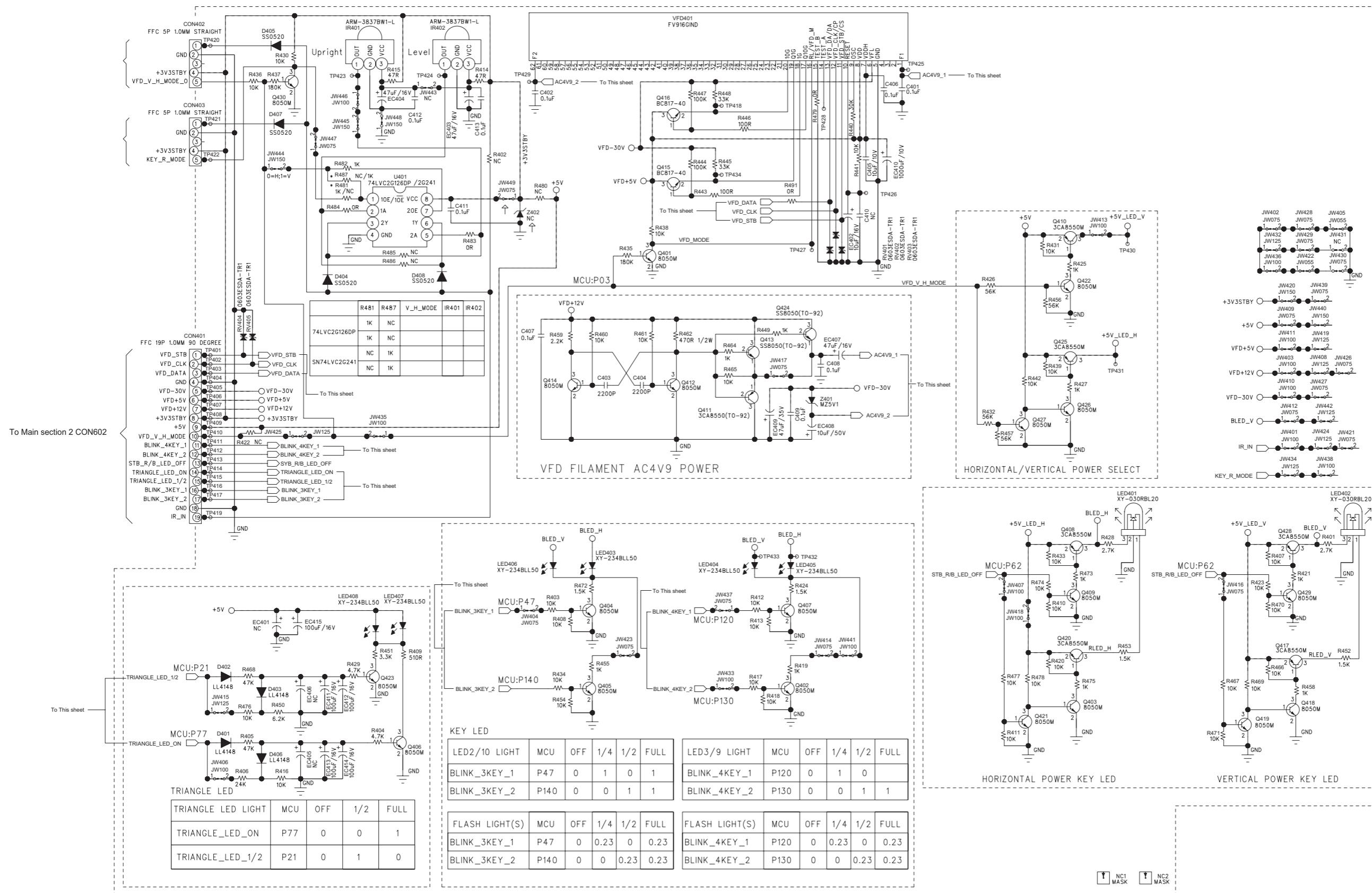


Power Amplifier Section 2

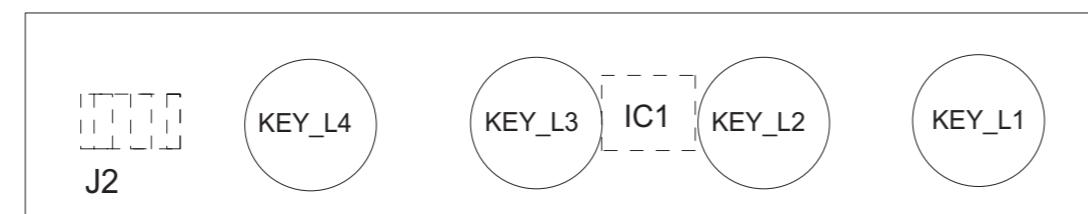
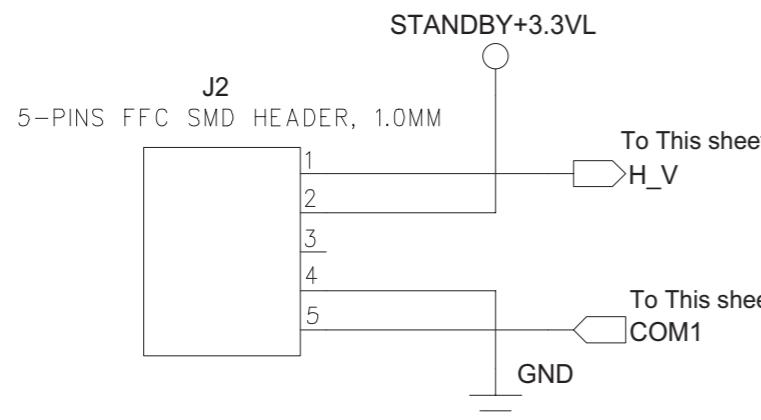
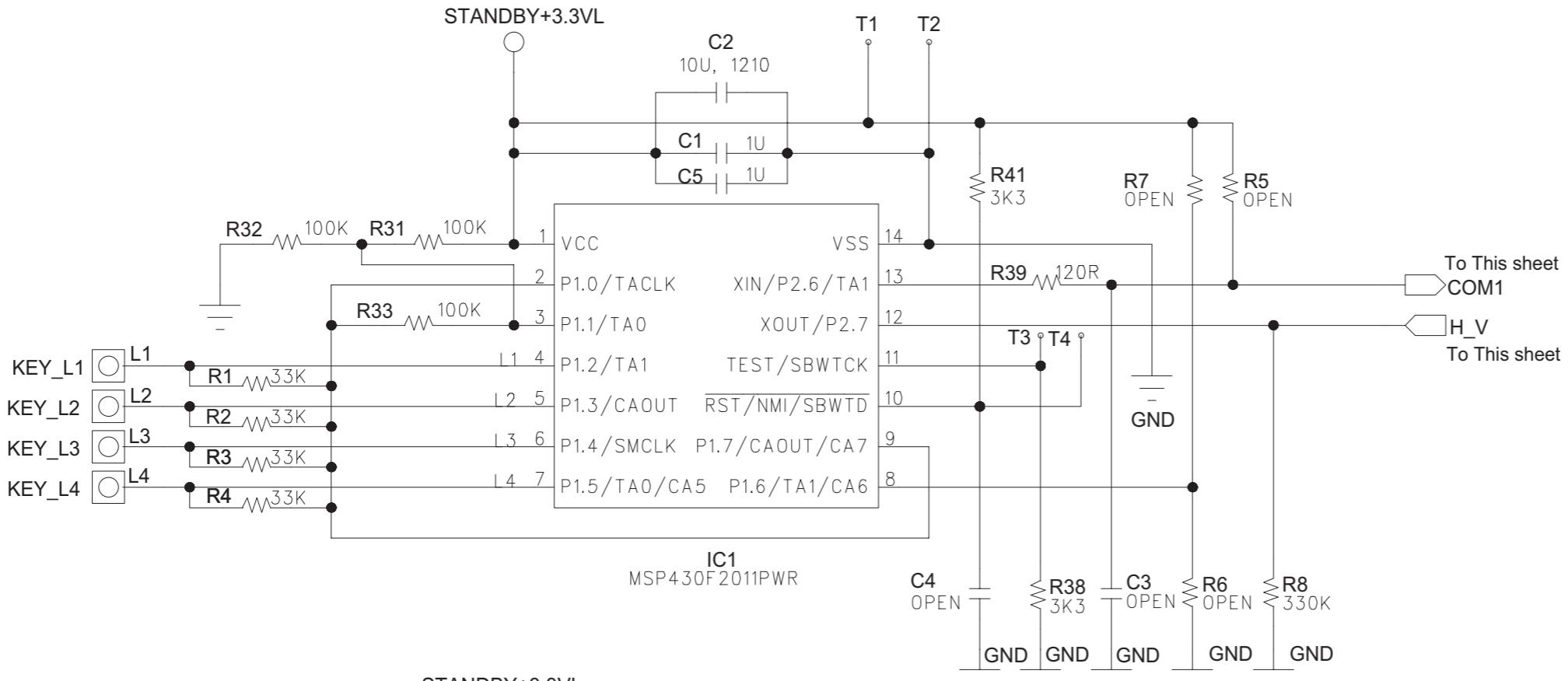
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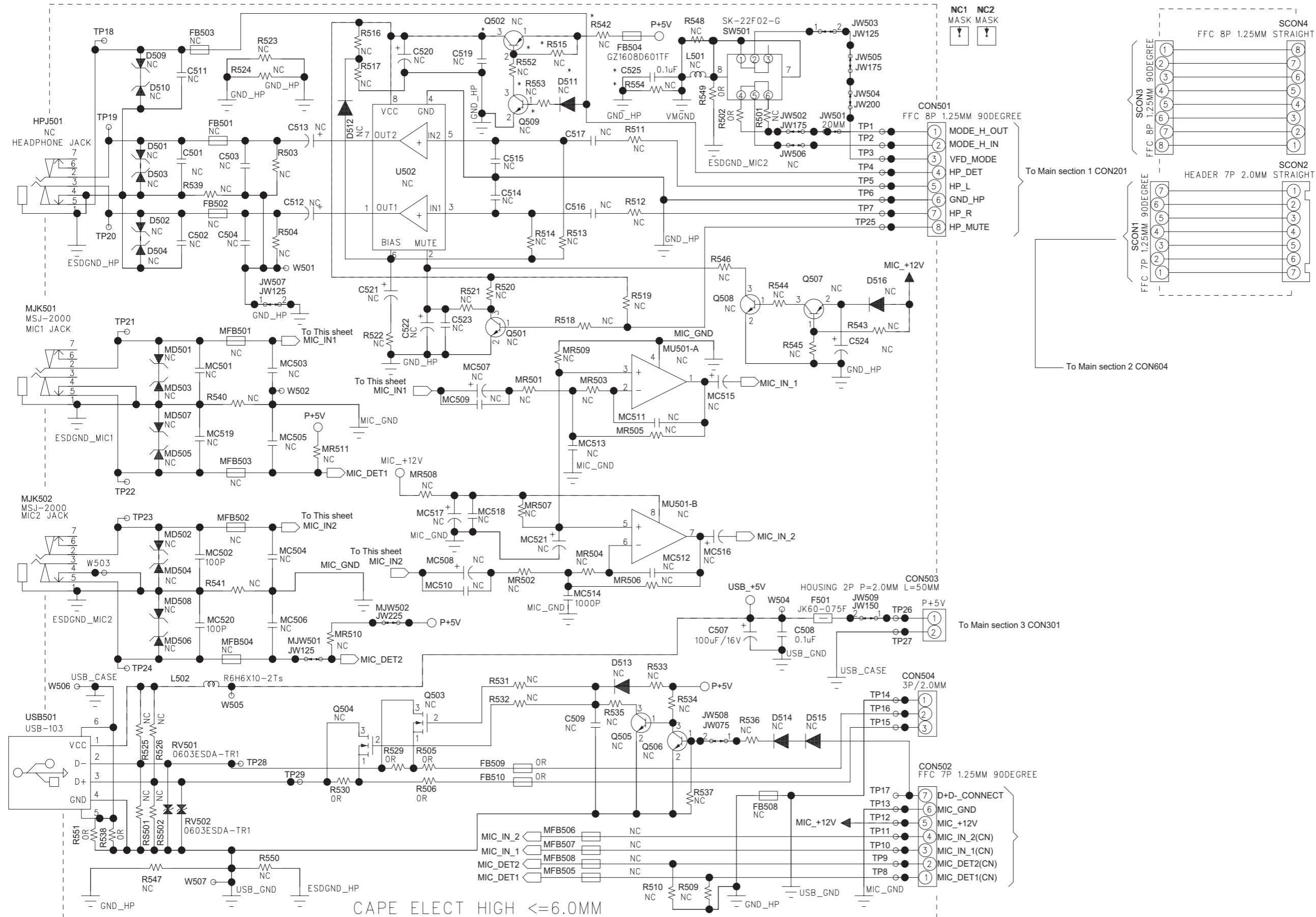
## <Display section>



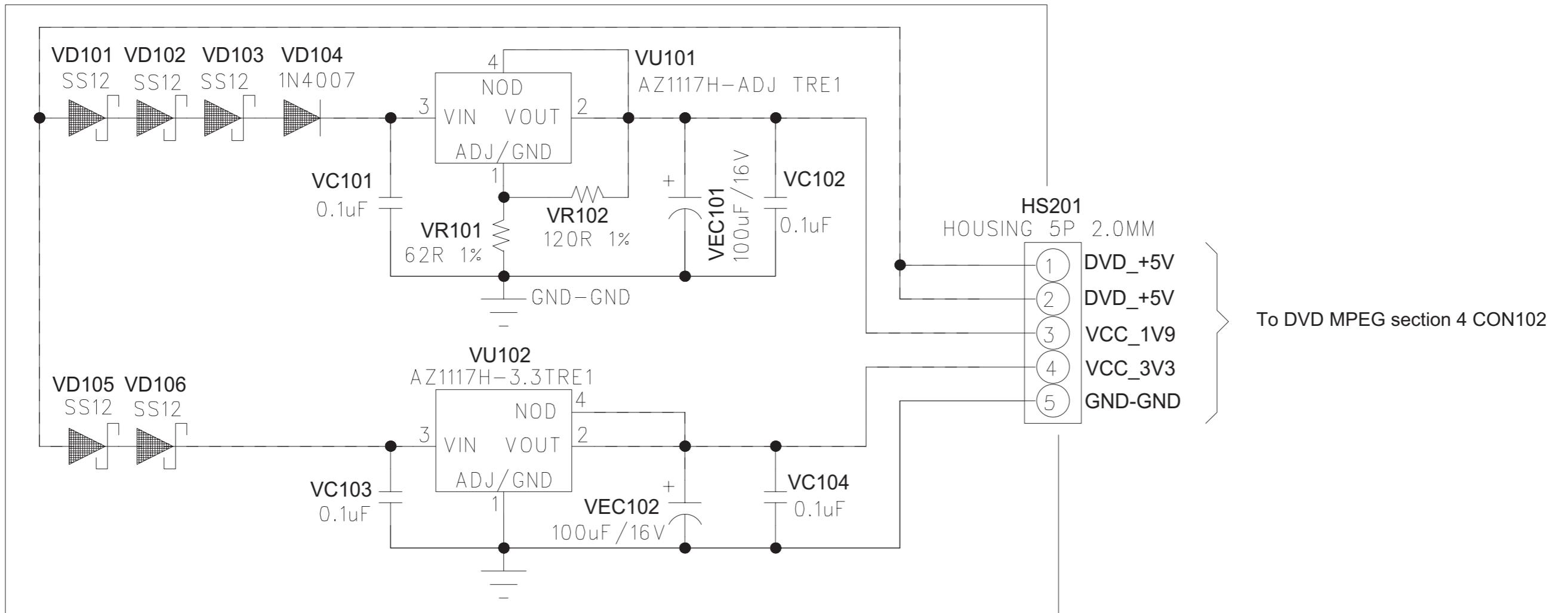
<Key section>



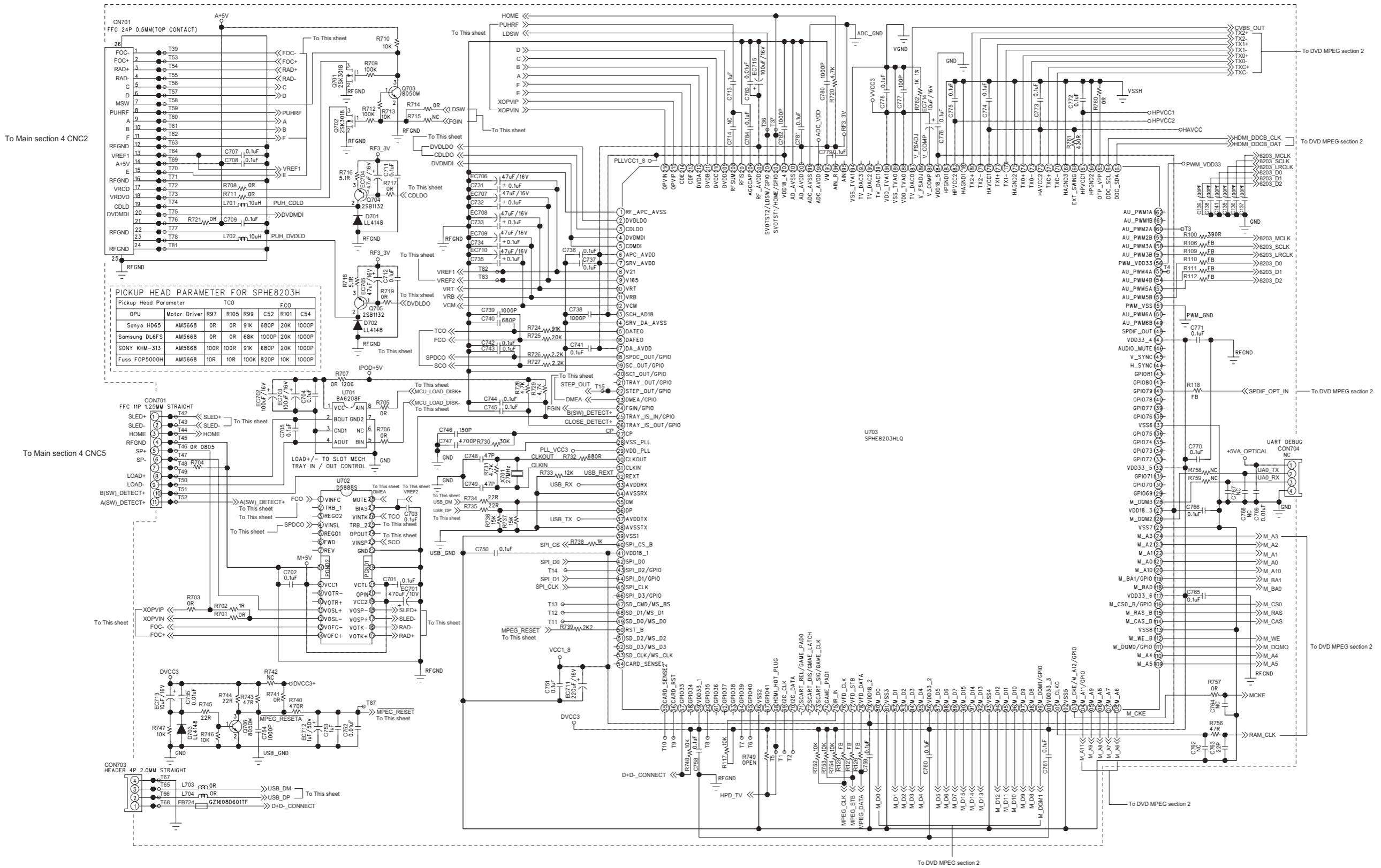
## <USB section>



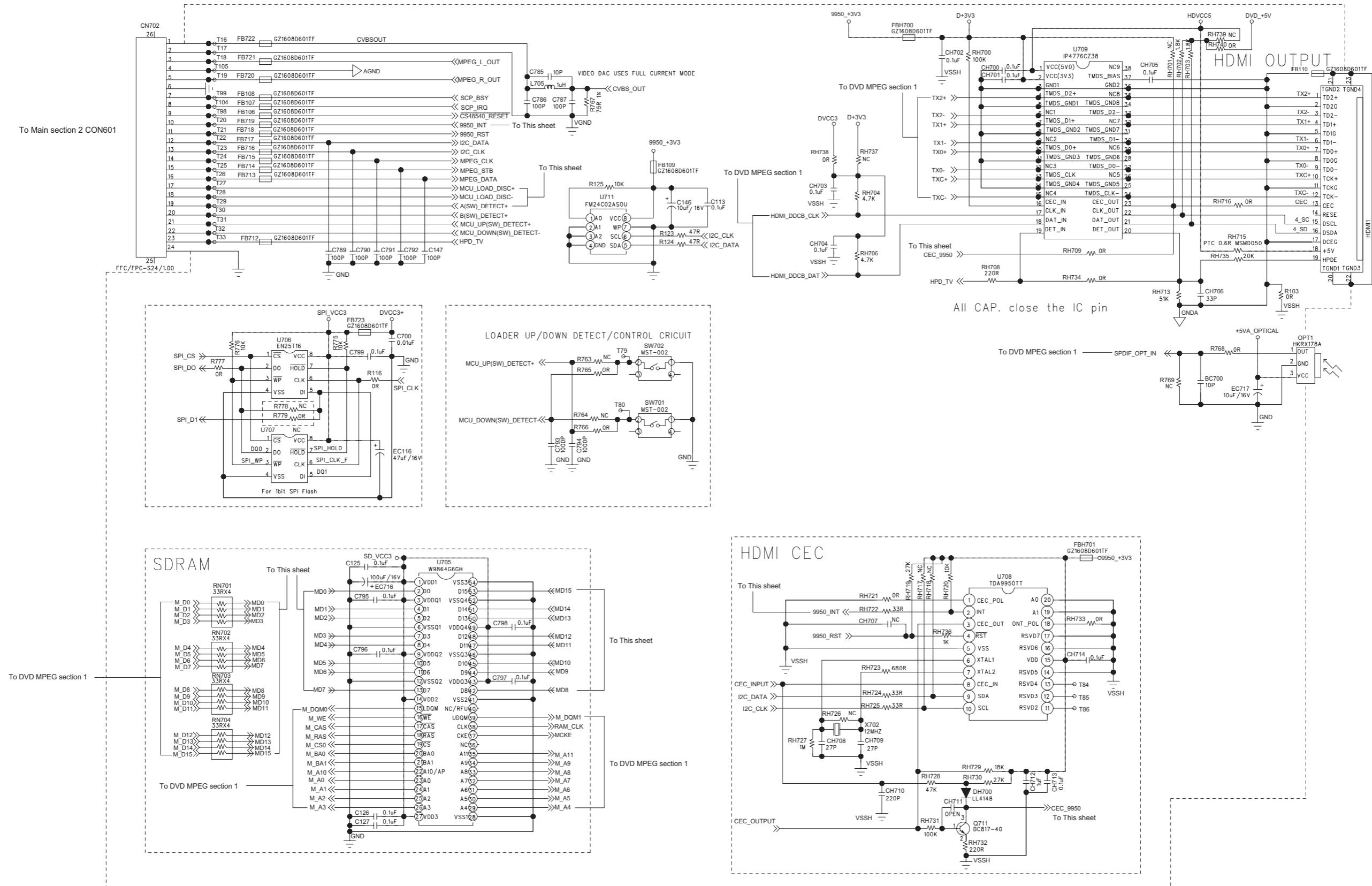
<DVD VCC section>



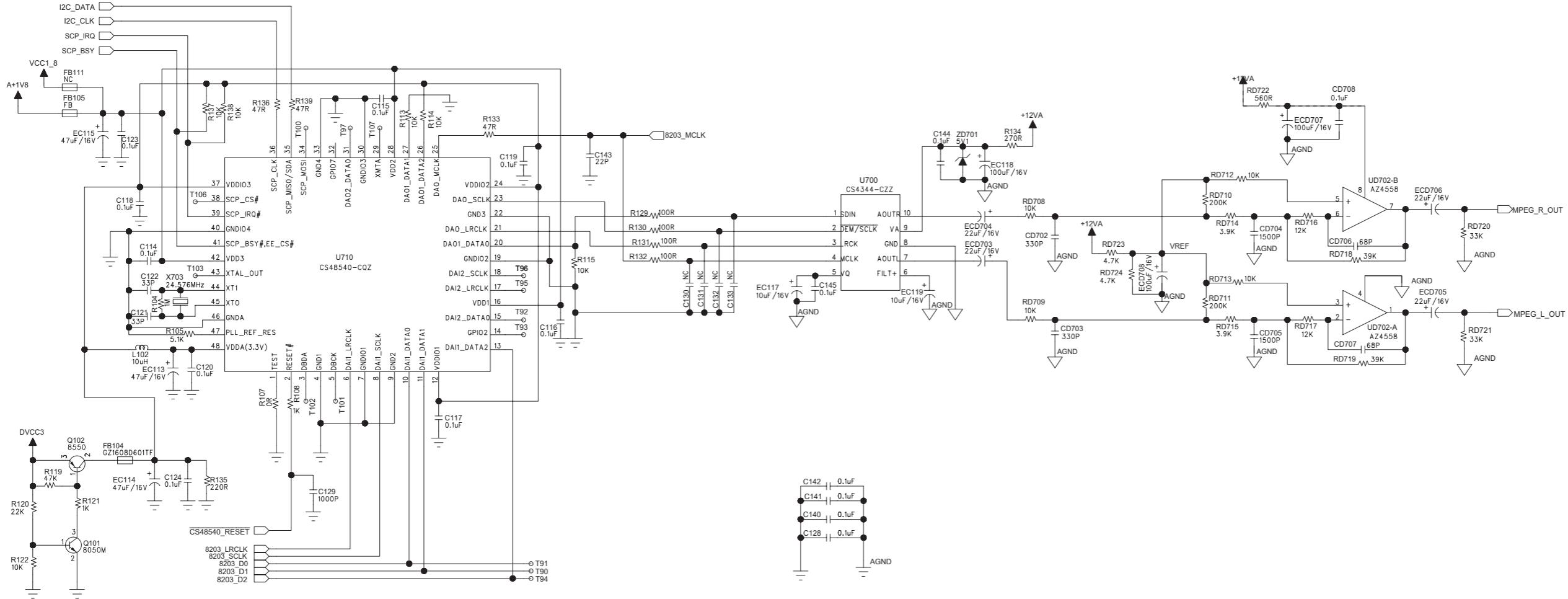
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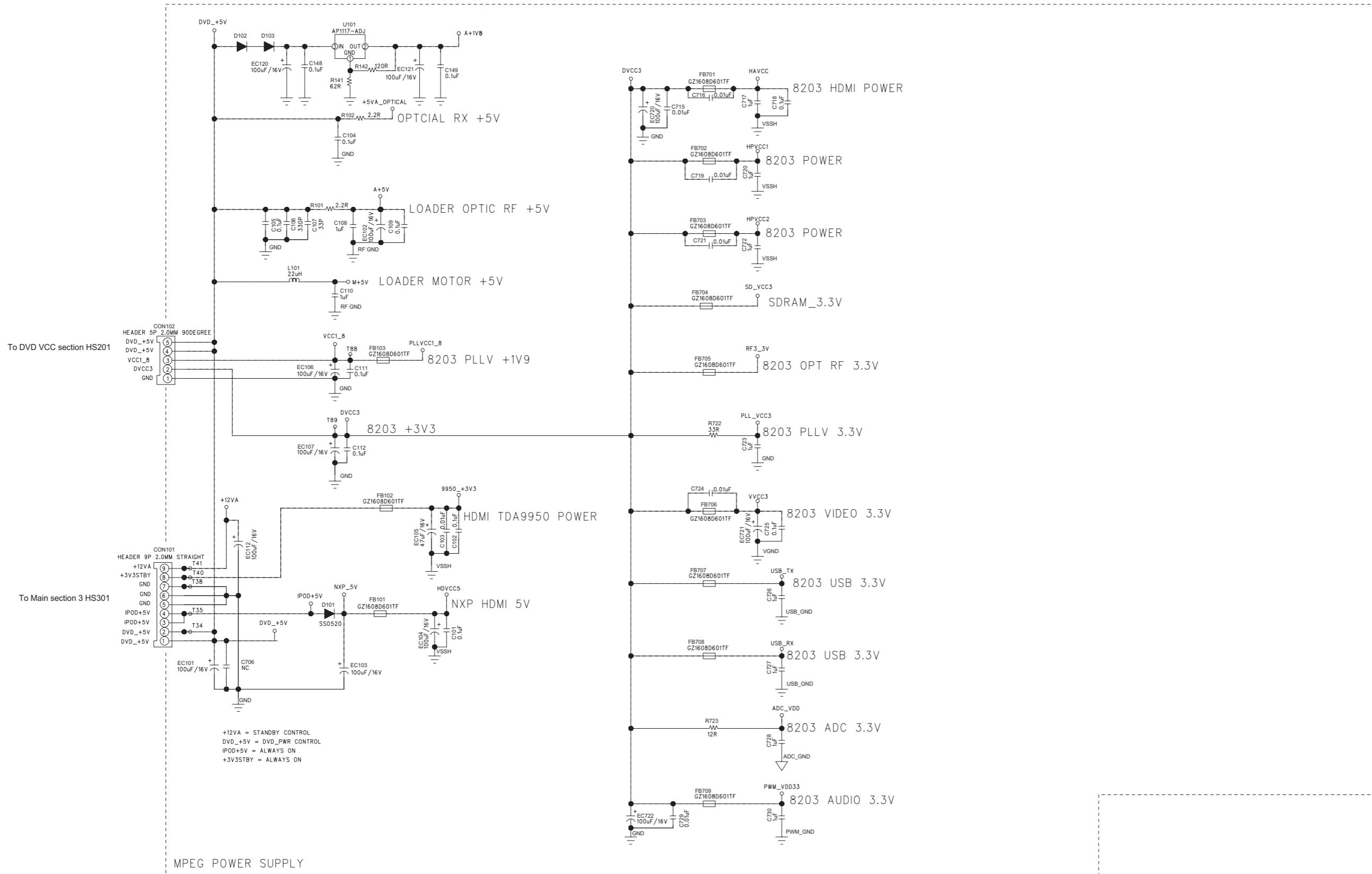
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## <DVD MPEG section 3>



## <DVD MPEG section 4>

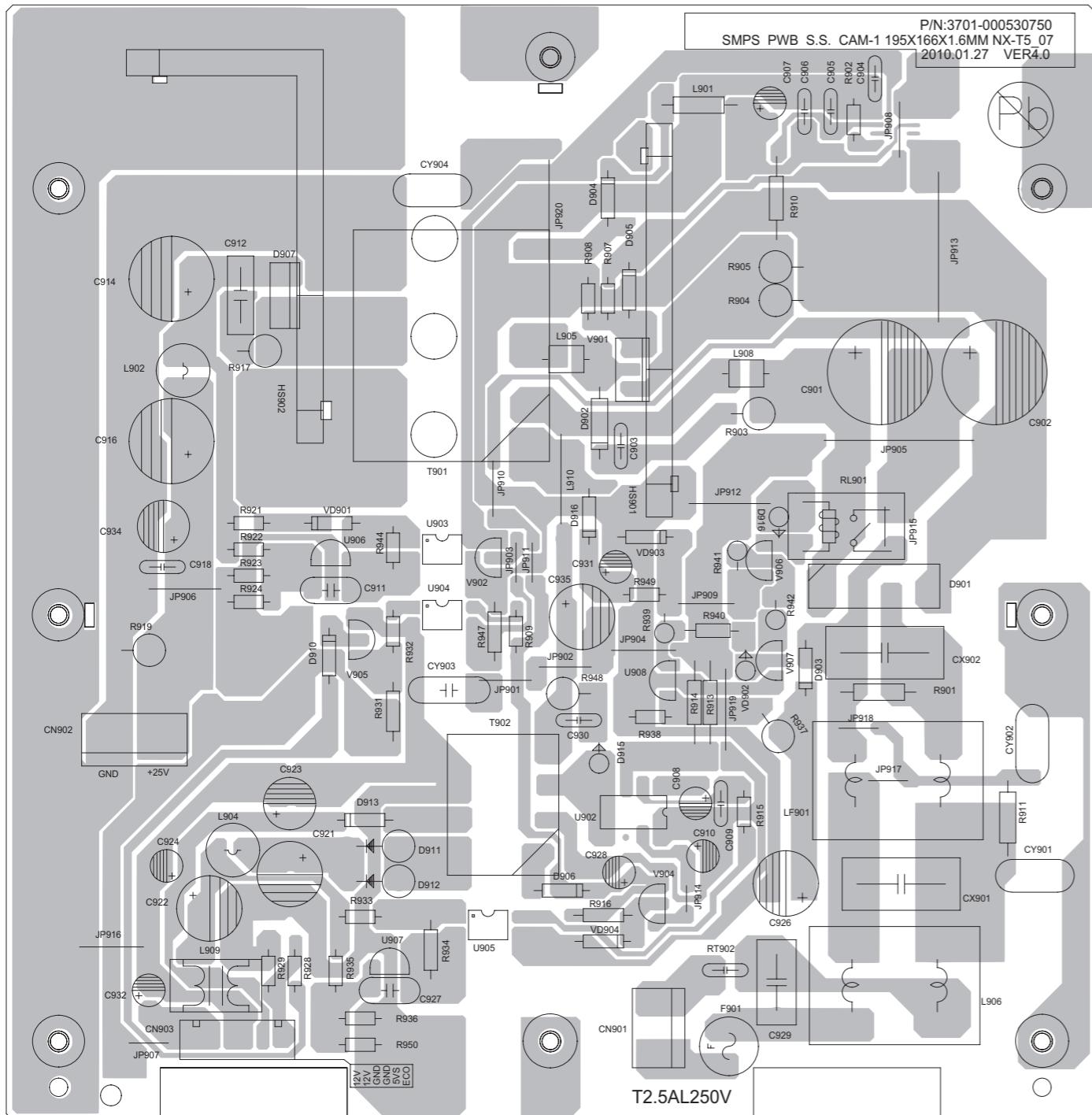


# Printed circuit boards

## <SMPS board>

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

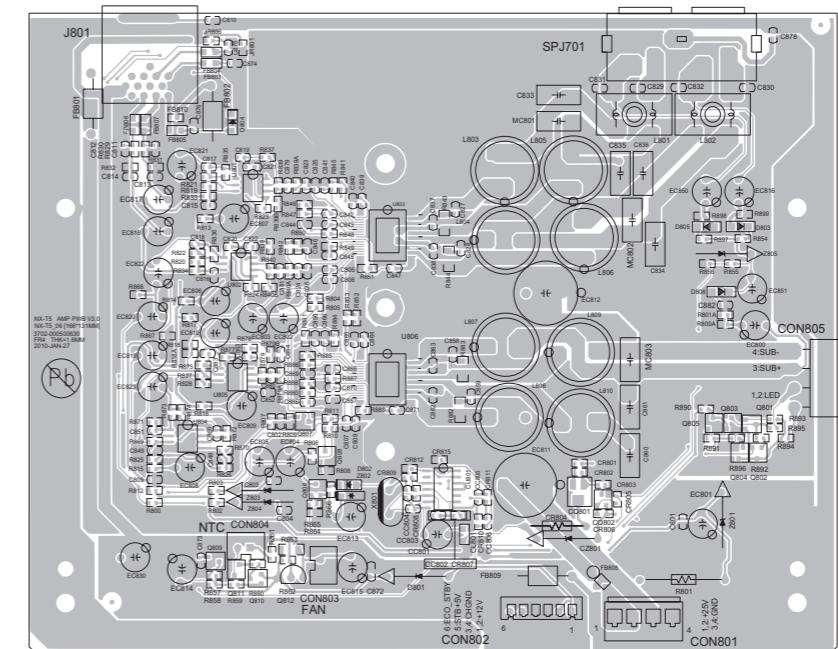
(forward side)



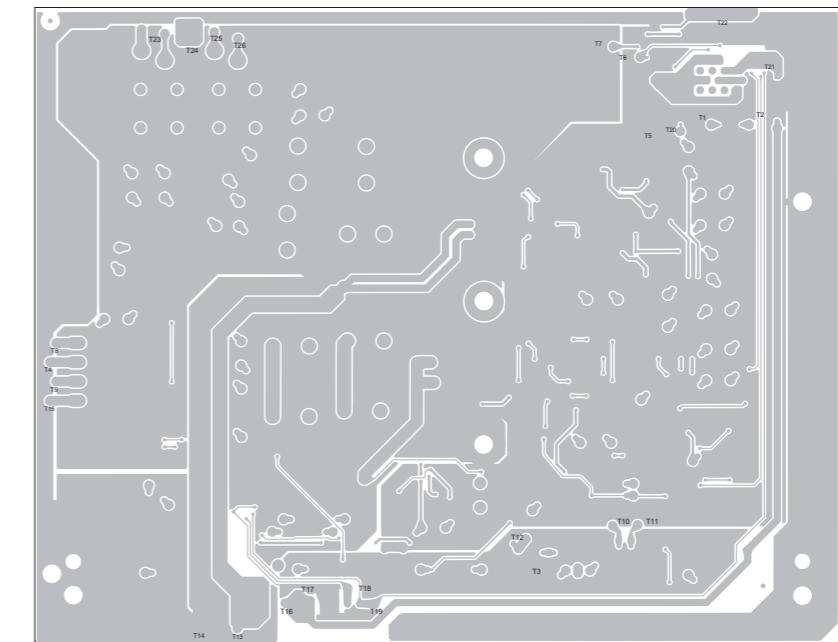
## <Power Amplifier board>

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(forward side)



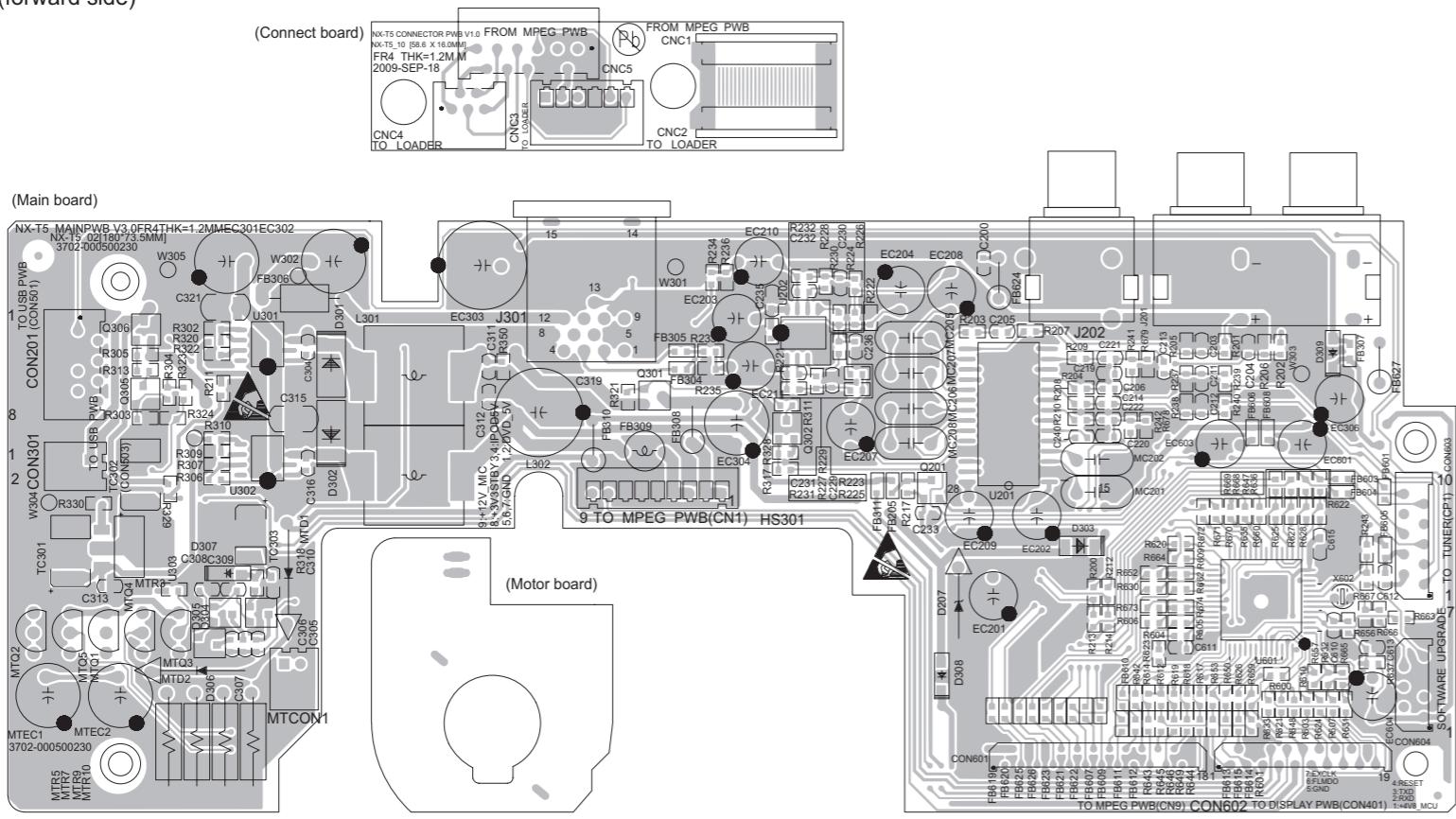
(reverse side)



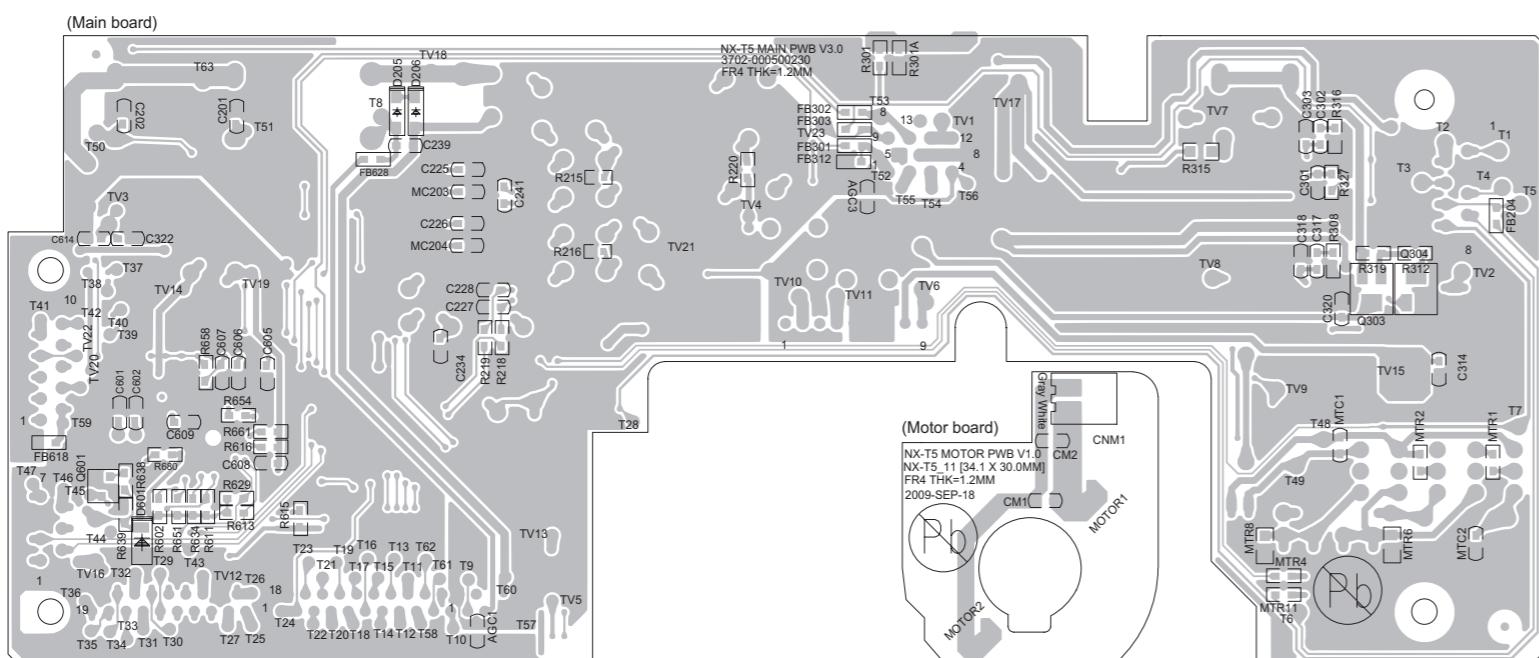
## <Main board>

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(forward side)



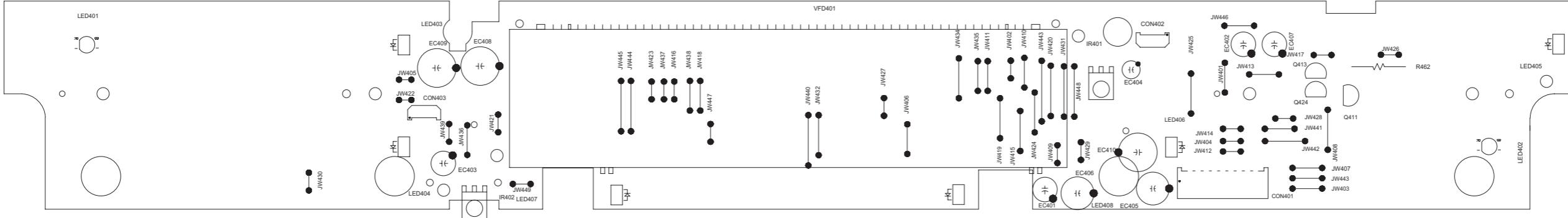
(reverse side)



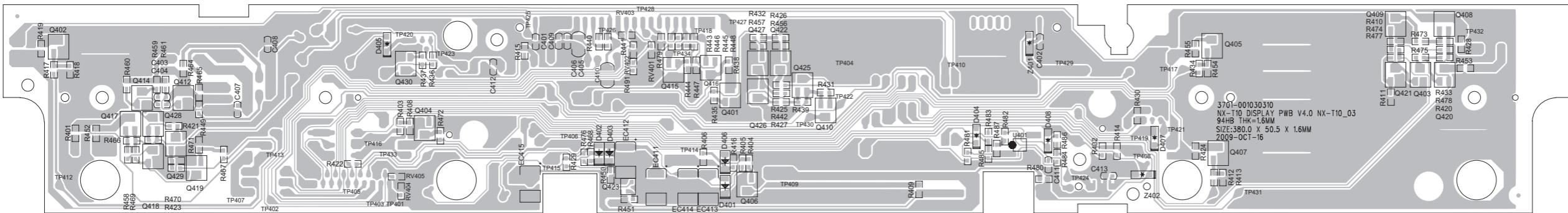
## <Display board>

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(forward side)



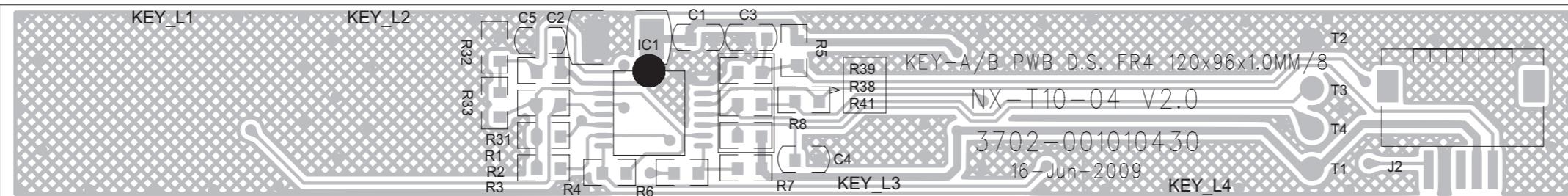
(reverse side)



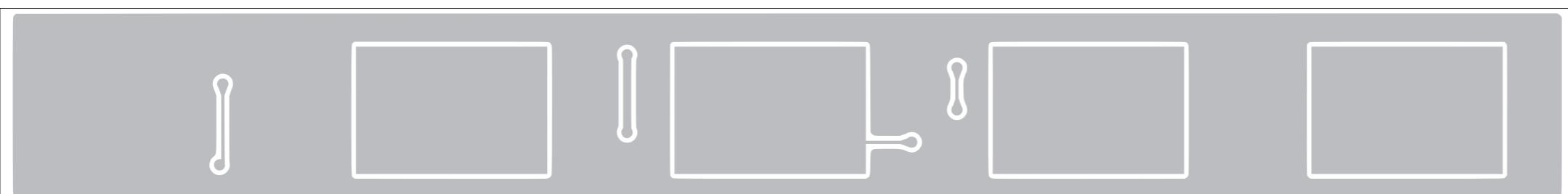
## <Key board>

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(forward side)



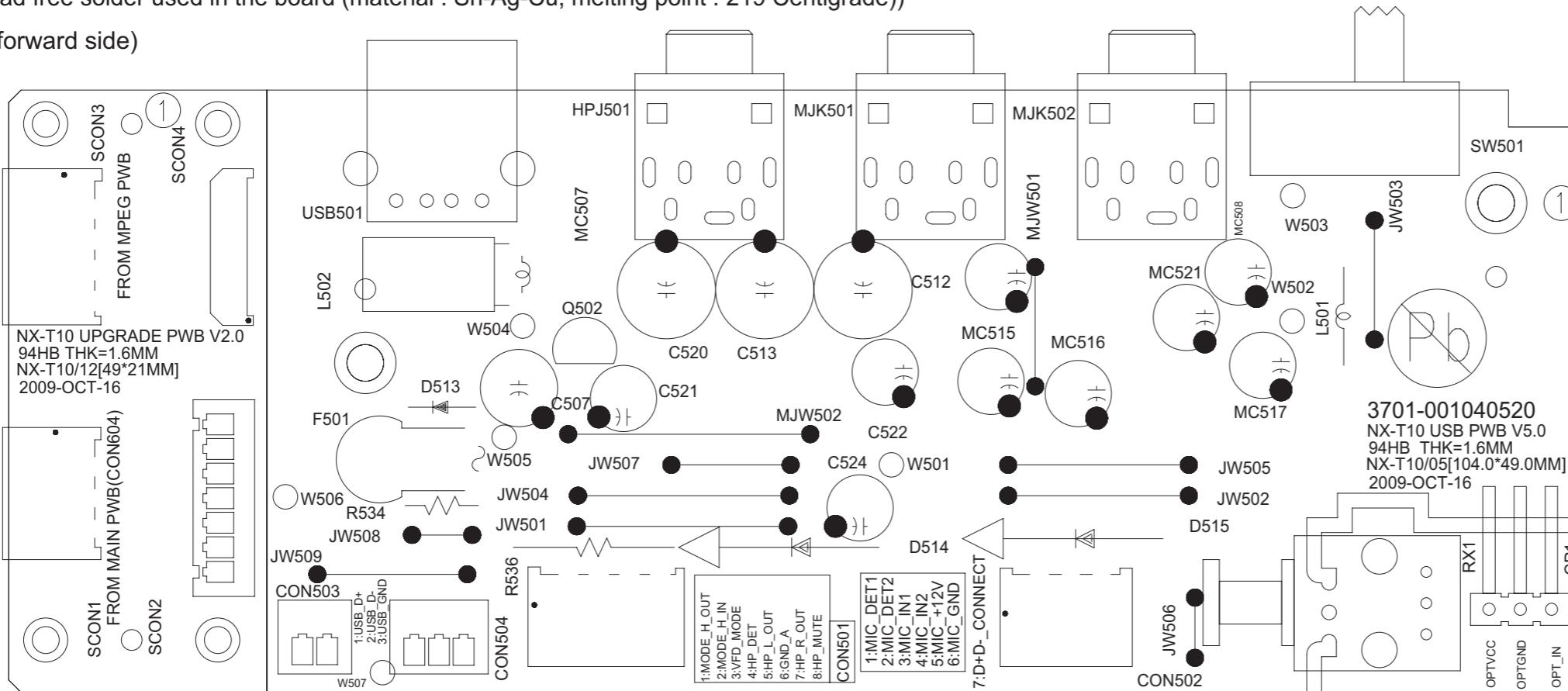
(reverse side)



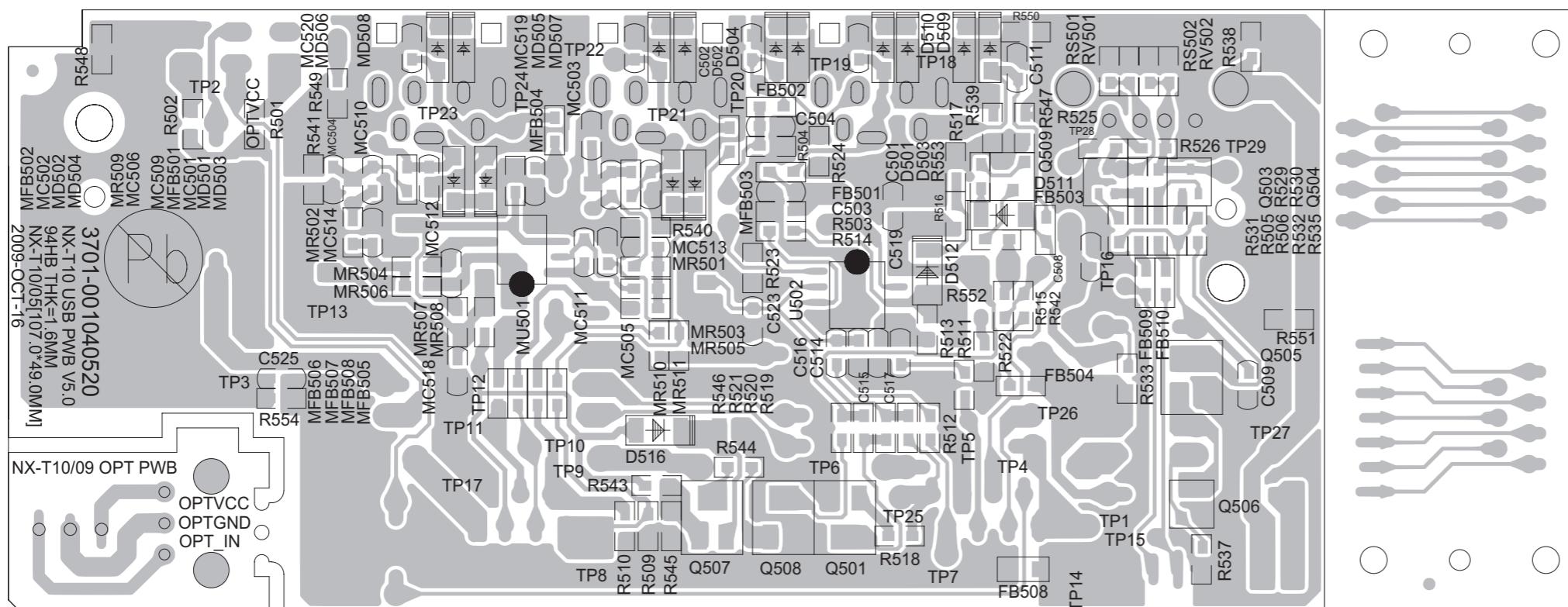
## <USB board>

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

(forward side)



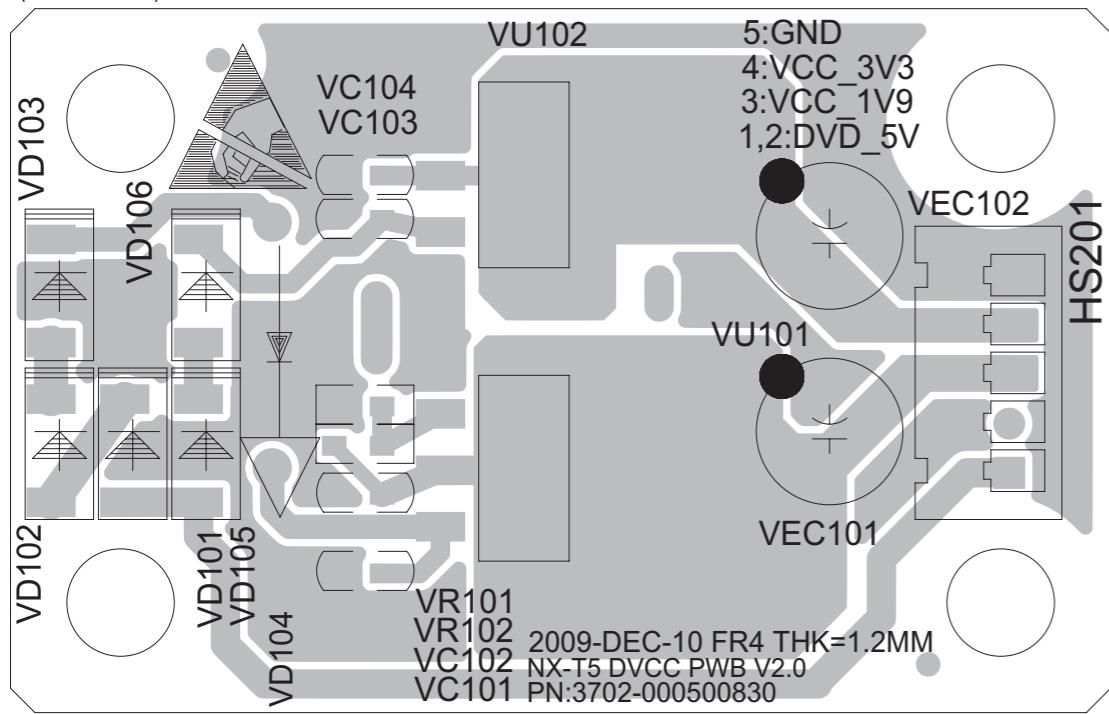
(reverse side)



### <DVD VCC board>

(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

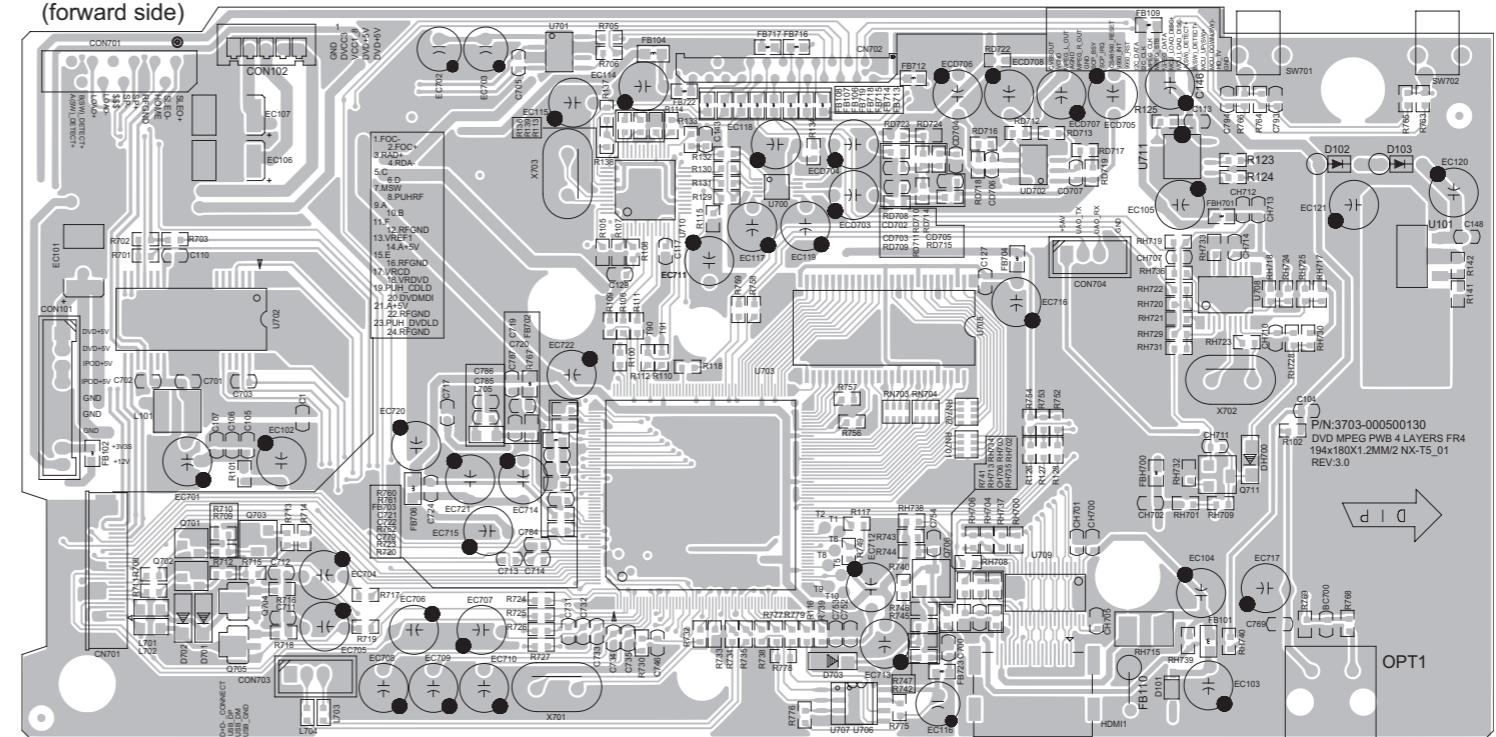
(forward side)



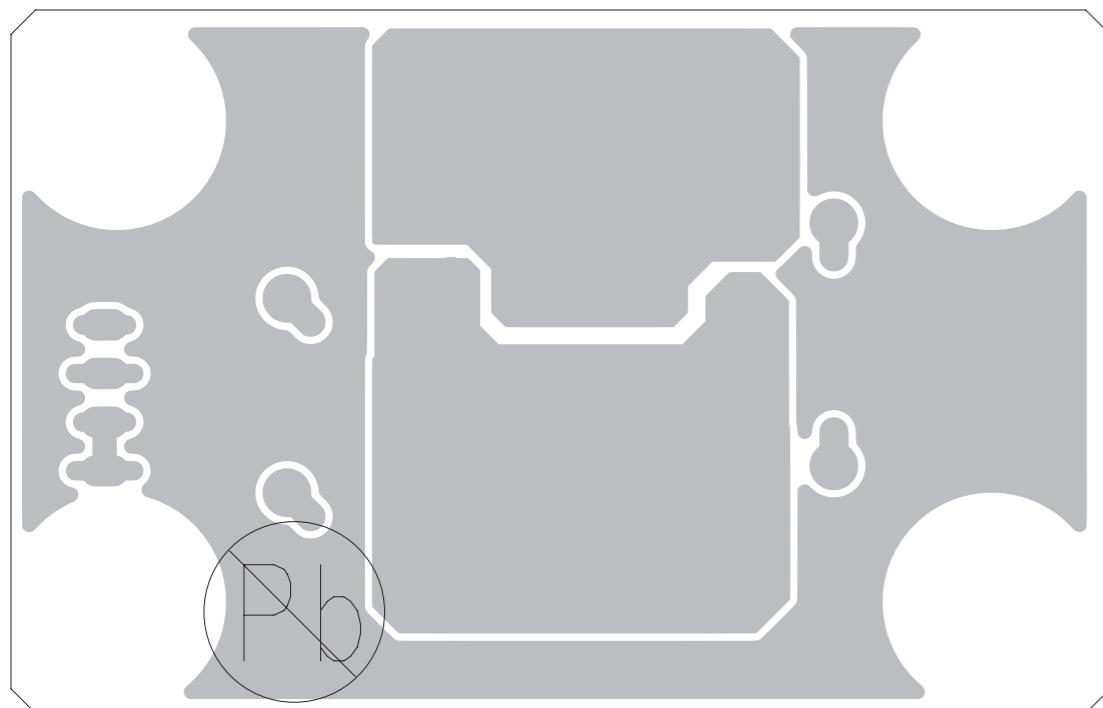
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(Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade))

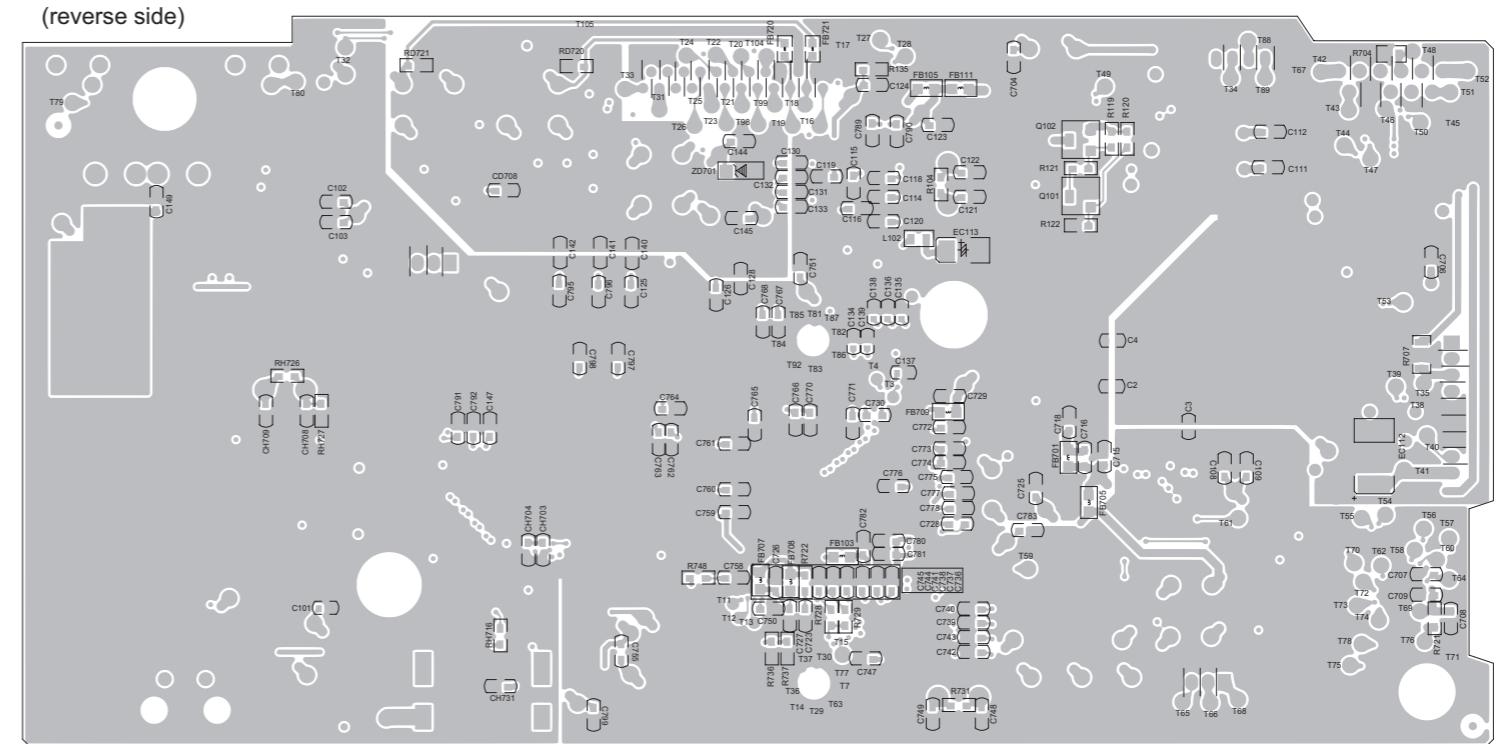
(forward side)



(reverse side)



(reverse side)



**< MEMO >**

# JVC

Victor Company of Japan, Limited

Home Entertainment Business Division Personal AV Operation

(No.MB744SCH<Rev.001>)

Printed in Japan  
VSE

## PARTS LIST

NX-T5B,NX-T5E,NX-T5EN,NX-T5EV,NX-T5EE

MODEL	MARK
NX-T5B	A
NX-T5E	B
NX-T5EN	C
NX-T5EV	D
NX-T5EE	E

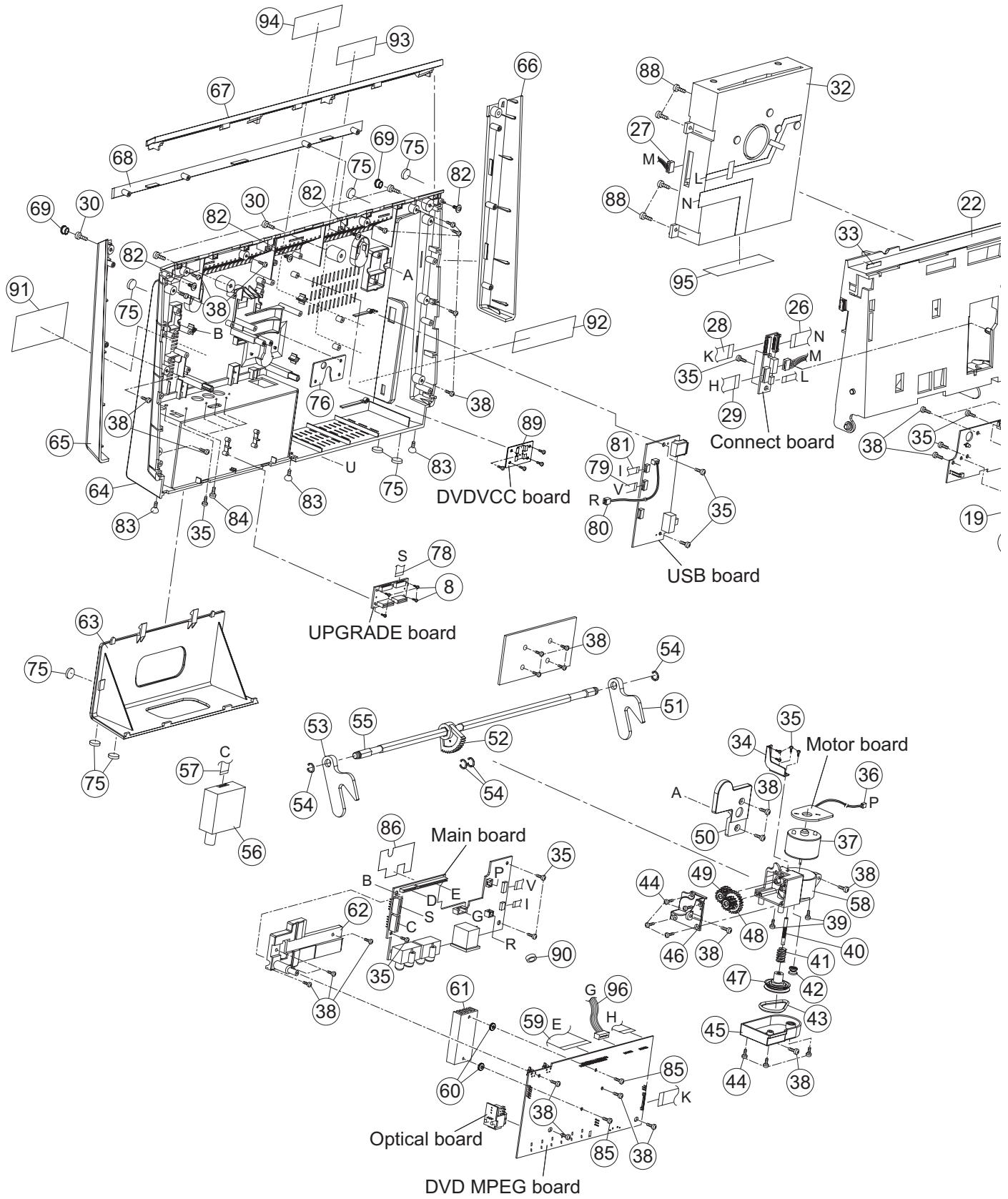
\* All printed circuit boards and its assemblies are not available as service parts.

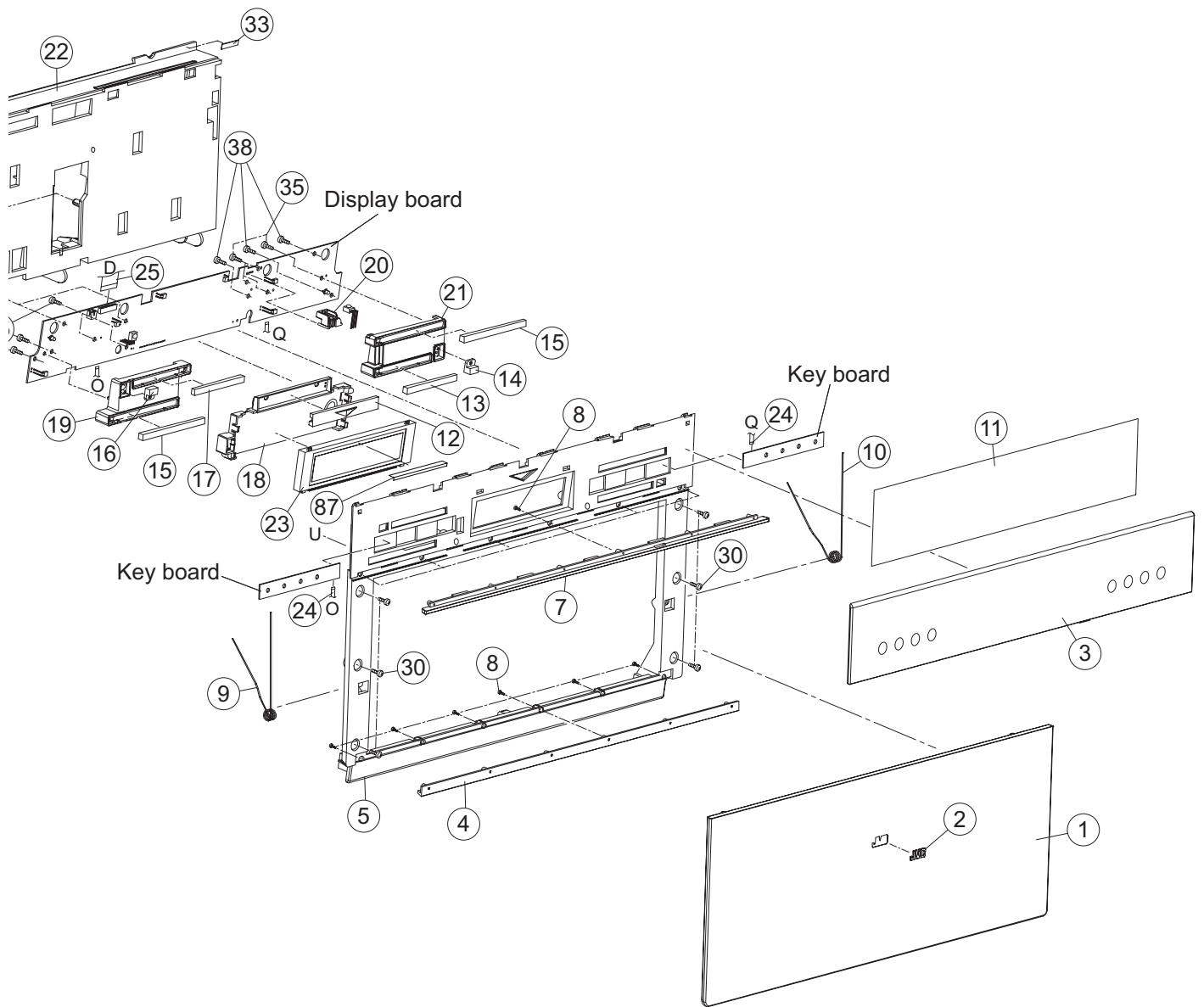
### - Contents -

Exploded view of general assembly and parts list (Block No.M1) .....	3- 2
Subwoofer assembly and parts list (Block No.M2) .....	3- 6
Electrical parts list (Block No.01~08) .....	3- 8
Packing materials and accessories parts list (Block No.M3) .....	3-18

# Exploded view of general assembly and parts list

Block No. M 1 M M





The parts without symbol number are not service.

# General Assembly

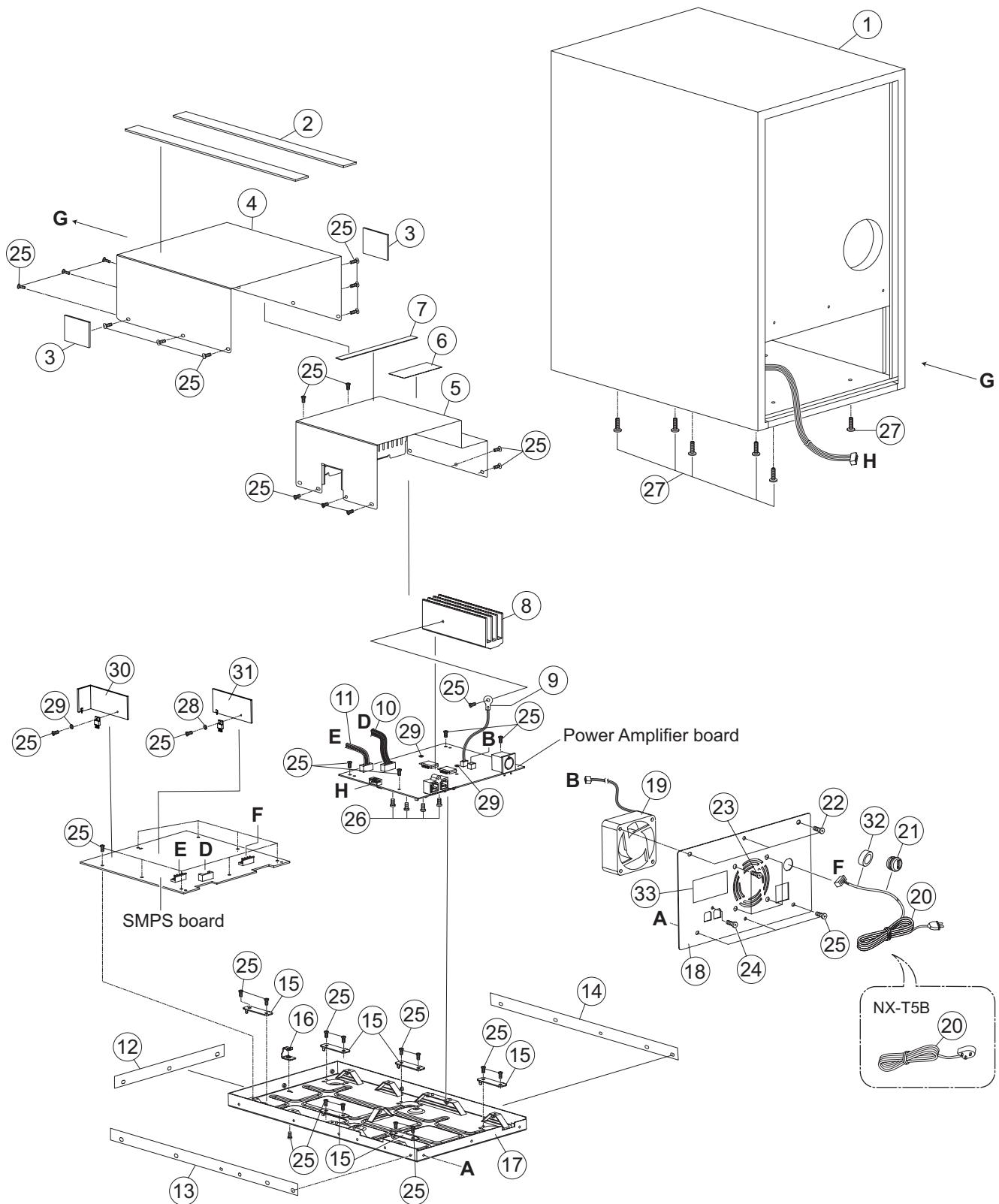
Block No. [M][1][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
1		CD5201081500101	DVD DOOR	5201-081500101	
2		CD5922081500100	JVC SCUTCHEON	5922-081500100	
3		CD5501081500100	LCD DISP LENS	5501-081500100	
4		CD5705081500201	DECORATION BAR	5705-081500201	
5		CD5001091500100	TOP CABINET	5001-091500100	
7		CD5705081500101	DECORATION BAR	5705-081500101	
8		CD6011221704100	SCREW	6011-221704100(x16)	
9		CD6105081500100	DOOR SPRING L	6105-081500100	
10		CD6105081500200	DOOR SPRING R	6105-081500200	
11		CD6814081500100	ADHESIVE TAPE	6814-081500100	
12		CD5502081500600	PRISM LIGHT GUIDE	5502-081500600	
13		CD5502081500200	SOURCE R LIGHT GUIDE	5502-081500200	
14		CD5502081500400	POWER R LIGHT GUIDE	5502-081500400	
15		CD5502081500100	PLAY LIGHT GUIDE	5502-081500100(x2)	
16		CD5502081500500	POWER L LIGHT GUIDE	5502-081500500	
17		CD5502081500300	SOURCE L LIGHT GUIDE	5502-081500300	
18		CD5601081500300	BRACKET	5601-081500300	
19		CD5601081500201	BRACKET	5601-081500201	
20		CD5603081500100	BRACKET	5603-081500100	
21		CD5601081500101	BRACKET	5601-081500101	
22		CD5615081500100	BRACKET	5615-081500100	
23		CD2401000000080	FL LAMP	2401-000000080	
24		CD3002050035900	FFC CABLE	3002-050035900(x2)	
25		CD3002190125900	FFC CABLE	3002-190125900	
26		CD3002240200910	FFC CABLE	3002-240200910	
27		CD3502060122010	HOUSING	3502-060122010	
28		CD3002240060910	FFC CABLE	3002-240060910	
29		CD3002110160900	FFC CABLE	3002-110160900	
30		CD6013230100101	SCREW	6013-230100101(x10)	
32		CD4407120085000	DVD MECHANISM	4407-120085000	
33		CD6700081500500	FELT	6700-081500500(x2)	
34		CD6307081500100	BRACKET	6307-081500100	
35		CD6013326060100	SCREW	6013-326060100(x19)	
36		CD3505020092000	HOUSING	3505-020092000	
37		CD2201000121100	DC MOTOR	2201-000121100	
38		CD6013226080200	SCREW	6013-226080200(x33)	
39		CD6021226060100	SCREW	6021-226060100(x2)	
40		CD6818081500100	WORM GEAR SHAFT	6818-081500100	
41		CD5702081500200	WORM GEAR -1	5702-081500200	
42		CD5704081500100	SERVO MOTOR PULLEY	5704-081500100	
43		CD6402081500100	MOTOR BELT	6402-081500100	
44		CD6015226080100	SCREW	6015-226080100(x7)	
45		CD5710081500101	GEAR BOX TOP	5710-081500101	
46		CD5710081500201	GEAR BOX COVER	5710-081500201	
47		CD5702081500101	WORM GEAR V1	5702-081500101	
48		CD5711081500100	PINION GEAR A	5711-081500100	
49		CD5712081500100	GEAR B	5712-081500100	
50		CD5611081500100	BRACKET	5611-081500100	
51		CD5109081500101	PANEL GEAR L	5109-081500101	
52		CD5711081500201	PINION GEAR B	5711-081500201	
53		CD5109081500201	PANEL GEAR R	5109-081500201	
54		CD6900081500100	M6 E-RING	6900-081500100(x4)	
55		CD6901081500100	GEAR SHAFT	6901-081500100	
56		CD3801000000350	FM TUNER MODULE	3801-000000350	
57		CD3002100070000	FFC CABLE	3002-100070000	
58		CD5710081500301	GEAR BOX BTM	5710-081500301	
59		CD3002240210000	FFC CABLE	3002-240210000	
60		CD8024000005000	FIBRE WASHER	8024-000005000(x2)	
61		CD6600081500200	HEATSINK	6600-081500200	
62		CD5611081500200	BRACKET	5611-081500200	
63		CD5904081500100	JACK COVER	5904-081500100	
64		CD5002091500100	BOTTOM CABINET	5002-091500100	
65		CD5005081500101	MIDDLE R CABINET	5005-081500101	
66		CD5005081500201	MIDDLE L CABINET	5005-081500201	
67		CD5510091500100	DECORATE LENS	5510-091500100	
68		CD5005081500301	MIDDLE CABINET	5005-081500301	
69		CD5904081500400	SCREW	5904-081500400(x2)	
75		CD6404081500100	RUBBER FEET	6404-081500100(x8)	
76		CD6802081500100	IRON SHEET	6802-081500100	
78		CD3002080100910	FFC CABLE	3002-080100910	
79		CD3505030242000	HOUSING	3505-030242000	
80		CD3501020062030	HOUSING	3501-020062030	
81		CD3002080100910	FFC CABLE	3002-080100910	
82		CD6012326050100	SCREW	6012-326050100(x4)	

△	Symbol No.	Part No.	Part Name	Description	Local
83		CD6015230100100	SCREW	6015-230100100(x3)	
84		CD6023230100100	SCREW	6023-230100100(x4)	
85		CD6013230060120	SCREW	6013-230060120(x2)	
86		CD6210081500400	PC CUT SHEET	6210-081500400	
87		CD6210081500300	PC CUT SHEET	6210-081500300	
88		CD6011230100100	SCREW	6011-230100100(x4)	
89		CD6600050700200	IC HEAT SINK	6600-050700200	
90		CD2712000020000	FERRITE CORE	2712-000020000	
91		CD7111091500100	RATING LABEL	7111-091500100	A,B,C,D
91		CD7111091500200	RATING LABEL	7111-091500200	E
92		CD7115091600100	PATENT LABEL	7115-091600100	
93		CD7124041200102	DOLBY LABEL	7124-041200102	
94		CD7115091500100	DTS LABEL	7115-091500100	
95		CD7112081000100	CAUTION LABEL	7112-081000100	
96		CD3505090092000	HOUSING	3505-090092000	

# Subwoofer assembly and parts list

Block No. M 2 M M



The parts without symbol number are not service.

## Subwoofer

Block No. [M][2][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
1		CD8919091500200	SUBWOOFER	8919-091500200	
2		CD6410081500300	EVA PAD CORD A	6410-081500300(x2)	
3		CD6410081500400	EVA PAD CORD B	6410-081500400(x2)	
4		CD6828081500100	POWER COVER	6828-081500100	
5		CD6828081500200	AMPLIFER COVER	6828-081500200	
6		CD6700081500600	FELT-1	6700-081500600(x2)	
7		CD6700081500300	FELT-3	6700-081500300	
8		CD6600091500200	HEAT SINK B	6600-091500200	
9		CD1214050003010	THERMISTOR NTC	1214-050003010	
10		CD3502040143900	HOUSING	3502-040143900	
11		CD3505060162500	HOUSING	3505-060162500	
12		CD6411081500200	EVA COVER	6411-081500200	
13		CD6411081500100	EVA COVER	6411-081500100	
14		CD6411081500300	EVA COVER	6411-081500300	
15		CD6216081500100	BOARD COVER	6216-081500100(x6)	
16		CD6306071000100	BRACKET	6306-071000100	
17		CD6828081500300	BOTTOM COVER	6828-081500300	
18		CD6215091500100	BACK PLATE	6215-091500100	
19		CD8028000001000	FAN	8028-000001000	
△	20	CD2905125007030	AC CORD	2905-125007030	A
△	20	or CD2905125007040	AC CORD	2905-125007040	A
△	20	CD2902123007060	AC CORD	2902-123007060	B,C,D,E
△	20	or CD2902125007220	AC CORD	2902-125007220	B,C,D,E
△	20	or CD2902125007230	AC CORD	2902-125007230	B,C,D,E
△	20	or CD2902125007240	AC CORD	2902-125007240	B,C,D,E
△	20	or CD2902125007250	AC CORD	2902-125007250	B,C,D,E
21		CD6306081500200	BRACKET	6306-081500200	
22		CD6011240100100	SCREW	6011-240100100(x3)	
23		CD6013345010100	SCREW	6013-345010100(x4)	
24		CD6013230100101	SCREW	6013-230100101	
25		CD6033330060100	SCREW	6033-330060100(x47)	
26		CD6013230100101	SCREW	6013-230100101(x4)	
27		CD6012230120100	SCREW	6012-230120100(x6)	
28		CD5939080200100	TRANSISTOR WASHER	5939-080200100	
29		CD5939081000100	PLASTIC WASHER	5939-081000100(x3)	
30		CD6600091500100	HEAT SINK A	6600-091500100	
31		CD6600071000100	HEAT SINK	6600-071000100	
32		CD2712104030000	FERRITE CORE	2712-104030000	
33		CD7130091500100	LABEL	7130-091500100	A,B,C,D
33		CD7130091500200	LABEL	7130-091500200	E









△ Symbol No.	Part No.	Part Name	Description	Local
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## Main board

Block No. [0][5]

△ Symbol No.	Part No.	Part Name	Description	Local
U201	CD1502002314010	IC	1502-002314010	
U202	CD1502004558030	IC	1502-004558030	
U301	CD1512001580000	IC	1512-001580000	
U302	CD1512001580000	IC	1512-001580000	
U303	CD1512001117130	IC	1512-001117130	
U601	1506780527010-F	IC	1506-780527010	
Q201	CD1422080500050	TRANSISTOR	1422-080500050	
Q301	CD1424023050020	MOS FET	1424-023050020	
Q302	CD1422080500050	TRANSISTOR	1422-080500050	
Q303	CD1424023050020	MOS FET	1424-023050020	
Q304	CD1422080500050	TRANSISTOR	1422-080500050	
Q305	CD1422080500050	TRANSISTOR	1422-080500050	
Q306	CD1424023050020	MOS FET	1424-023050020	
Q601	CD1422080500050	TRANSISTOR	1422-080500050	
D205	CD1323000510060	Z DIODE	1323-000510060	
D206	CD1323000510060	Z DIODE	1323-000510060	
D207	CD1313055910000	Z DIODE	1313-055910000	
D301	CD1322000340010	SCHOTTKY DIODE	1322-000340010	
D302	CD1322000340010	SCHOTTKY DIODE	1322-000340010	
D303	CD1321041480050	DIODE	1321-041480050	
D304	CD1321000990060	SWITCHING DIODE	1321-000990060	
D305	CD1321000990060	SWITCHING DIODE	1321-000990060	
D306	CD1321000990060	SWITCHING DIODE	1321-000990060	
D307	CD1323003000000	Z DIODE	1323-003000000	
D308	CD1322005200020	BARRIER DIODE	1322-005200020	
D309	CD1322005200020	BARRIER DIODE	1322-005200020	
D601	CD1321041480050	DIODE	1321-041480050	
C203	CD1121101081020	C CAPACITOR	1121-101081020	
C204	CD1121101081020	C CAPACITOR	1121-101081020	
C205	CD112110502020	C CAPACITOR	1121-105052020	
C206	CD112110502020	C CAPACITOR	1121-105052020	
C211	CD1121101081020	C CAPACITOR	1121-101081020	
C212	CD1121101081020	C CAPACITOR	1121-101081020	
C213	CD112110502020	C CAPACITOR	1121-105052020	
C214	CD112110502020	C CAPACITOR	1121-105052020	
C219	CD1121101081020	C CAPACITOR	1121-101081020	
C220	CD1121101081020	C CAPACITOR	1121-101081020	
C221	CD112110502020	C CAPACITOR	1121-105052020	
C222	CD112110502020	C CAPACITOR	1121-105052020	
C225	CD1121104082020	C CAPACITOR	1121-104082020	
C226	CD1121104082020	C CAPACITOR	1121-104082020	
C227	CD1121101081020	C CAPACITOR	1121-101081020	
C228	CD1121101081020	C CAPACITOR	1121-101081020	
C229	CD1121152051020	C CAPACITOR	1121-152051020	
C230	CD1121152051020	C CAPACITOR	1121-152051020	
C231	CD1121680081020	C CAPACITOR	1121-680081020	
C232	CD1121680081020	C CAPACITOR	1121-680081020	
C233	CD1121104082020	C CAPACITOR	1121-104082020	
C234	CD1121104082020	C CAPACITOR	1121-104082020	
C235	CD1121104082020	C CAPACITOR	1121-104082020	
C236	CD1121104082020	C CAPACITOR	1121-104082020	
C240	CD1121225042020	C CAPACITOR	1121-225042020	
C241	CD1121225042020	C CAPACITOR	1121-225042020	
C301	CD112110502020	C CAPACITOR	1121-105052020	
C302	CD112123082020	C CAPACITOR	1121-223082020	
C303	CD1121101081020	C CAPACITOR	1121-101081020	
C304	CD1121103082020	C CAPACITOR	1121-103082020	
C305	CD1121104082020	C CAPACITOR	1121-104082020	
C306	CD1121104082020	C CAPACITOR	1121-104082020	
C307	CD1121104082020	C CAPACITOR	1121-104082020	
C308	CD1121104082020	C CAPACITOR	1121-104082020	
C309	CD1121104082020	C CAPACITOR	1121-104082020	
C310	CD1121104082020	C CAPACITOR	1121-104082020	
C311	CD1121103082020	C CAPACITOR	1121-103082020	
C312	CD1121103082020	C CAPACITOR	1121-103082020	
C313	CD1121104082020	C CAPACITOR	1121-104082020	
C314	CD1121104082020	C CAPACITOR	1121-104082020	
C315	CD1121106052170	C CAPACITOR	1121-106052170	
C316	CD1121103082020	C CAPACITOR	1121-103082020	
C317	CD1121223082020	C CAPACITOR	1121-223082020	
C318	CD1121101081020	C CAPACITOR	1121-101081020	





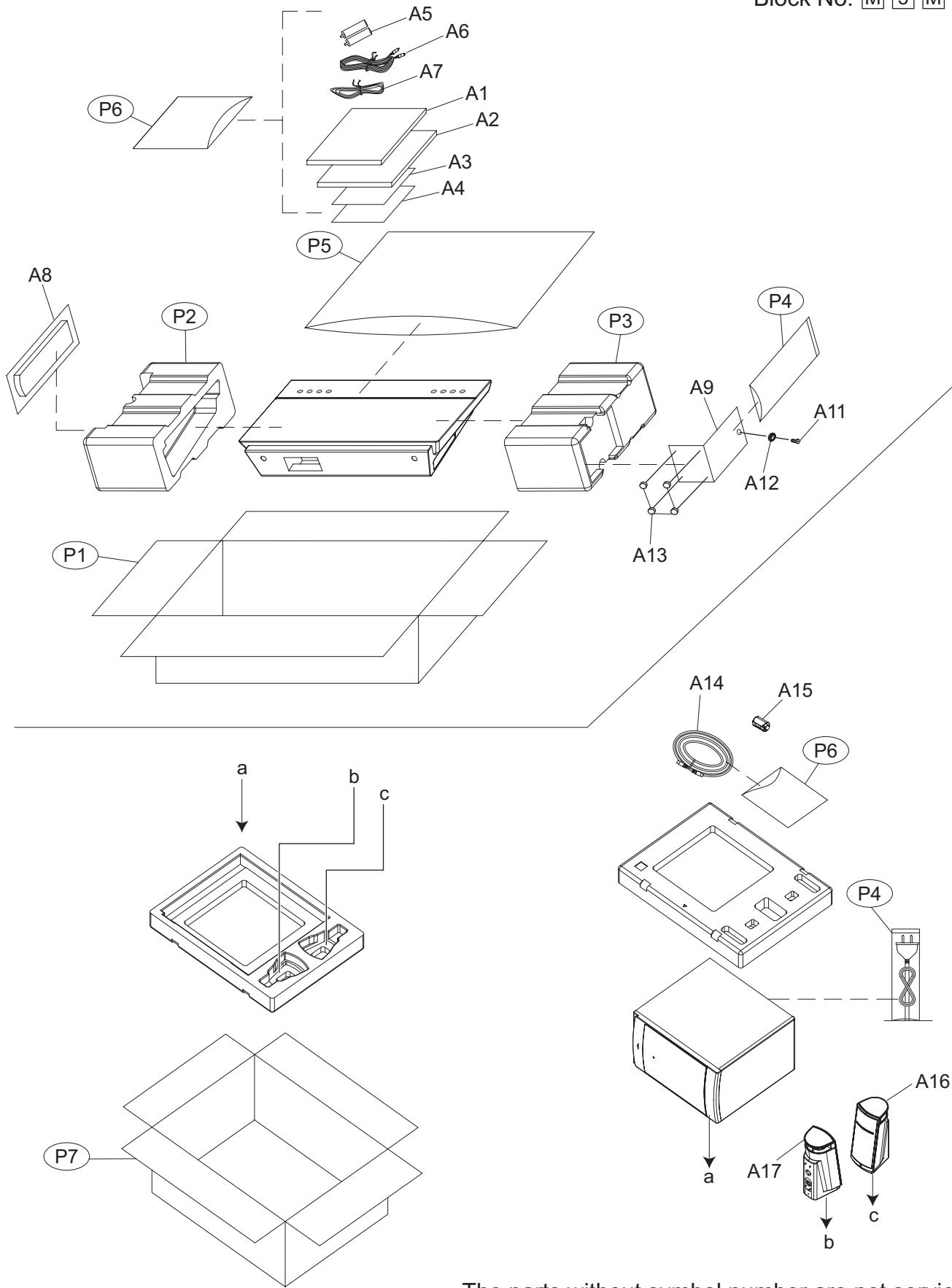




△ Symbol No.	Part No.	Part Name	Description	Local
L805	CD1614330010000	COIL	1614-330010000	
L806	CD1614330010000	COIL	1614-330010000	
L807	CD1614330010000	COIL	1614-330010000	
L808	CD1614330010000	COIL	1614-330010000	
L809	CD1614330010000	COIL	1614-330010000	
L810	CD1614330010000	COIL	1614-330010000	
CON803	CD3101250221020	CONNECTOR	3101-250221020	
CON804	CD3101250221020	CONNECTOR	3101-250221020	
CON805	CD3101390411010	HEADER	3101-390411010	
EC800	CD1132226083060	E CAPACITOR	1132-226083060	
EC801	CD1132227053060	E CAPACITOR	1132-227053060	
EC802	CD1132225083060	E CAPACITOR	1132-225083060	
EC803	CD1132225083060	E CAPACITOR	1132-225083060	
EC804	CD1132225083060	E CAPACITOR	1132-225083060	
EC805	CD1132225083060	E CAPACITOR	1132-225083060	
EC806	CD1132107053060	E CAPACITOR	1132-107053060	
EC807	CD1132107053060	E CAPACITOR	1132-107053060	
EC808	CD1132107053060	E CAPACITOR	1132-107053060	
EC809	CD1132107053060	E CAPACITOR	1132-107053060	
EC810	CD1132107053060	E CAPACITOR	1132-107053060	
EC811	CD1132158073271	E CAPACITOR	1132-158073271	
EC812	CD1132158073271	E CAPACITOR	1132-158073271	
EC813	CD1132106053060	E CAPACITOR	1132-106053060	
EC814	CD1132107053060	E CAPACITOR	1132-107053060	
EC815	CD1132107053060	E CAPACITOR	1132-107053060	
EC816	CD1132226083060	E CAPACITOR	1132-226083060	
EC817	CD1132106053060	E CAPACITOR	1132-106053060	
EC818	CD1132106053060	E CAPACITOR	1132-106053060	
EC819	CD1132226083060	E CAPACITOR	1132-226083060	
EC820	CD1132226083060	E CAPACITOR	1132-226083060	
EC821	CD1132226083060	E CAPACITOR	1132-226083060	
EC822	CD1132226083060	E CAPACITOR	1132-226083060	
EC823	CD1132106053060	E CAPACITOR	1132-106053060	
EC850	CD1132226083060	E CAPACITOR	1132-226083060	
FB801	CD2105000000030	FILTER BEAD	2105-000000030	
FB802	CD2105000000030	FILTER BEAD	2105-000000030	
FB803	CD2721601030020	FERRITE BEADS	2721-601030020	
FB804	CD2721601030020	FERRITE BEADS	2721-601030020	
FB806	CD2721601030020	FERRITE BEADS	2721-601030020	
FB807	CD2721601030020	FERRITE BEADS	2721-601030020	
FB808	CD2105000000030	FILTER BEAD	2105-000000030	
FB809	CD2105000000030	FILTER BEAD	2105-000000030	
FB810	CD1221000052020	C RESISTOR	1221-000052020	
J801	CD3212130100100	DIN JACK	3212-130100100	
JR801	CD1221000052020	C RESISTOR	1221-000052020	
MC801	CD1138474091210	M CAPACITOR	1138-474091210	
MC802	CD1138474091210	M CAPACITOR	1138-474091210	
MC803	CD1138474091210	M CAPACITOR	1138-474091210	
SPJ701	CD340100000410	SPK TERMINAL	3401-000000410	
Z801	CD1313001200010	Z DIODE	1313-001200010	
Z802	CD1323001110000	Z DIODE	1323-001110000	
Z803	CD1313055330010	Z DIODE	1313-055330010	
Z804	CD1313055330010	Z DIODE	1313-055330010	
Z805	CD1313079680000	Z DIODE	1313-079680000	

# Packing materials and accessories parts list

Block No. M 3 M M



The parts without symbol number are not service.

## Packing and Accessories

Block No. [M][3][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
A	1	CD7202091500300	INST BOOK	7202-091500300 (ENG)	A
A	1	CD7202091500100	INST BOOK	7202-091500100 (GER/FRE)	B
A	1	CD7202091500400	INST BOOK	7202-091500400 (SPA/POR)	C
A	1	CD7202091500600	INST BOOK	7202-091500600 (HUN/CZE/POL)	D
A	1	CD7202091500700	INST BOOK	7202-091500700 (RUS)	E
A	2	CD7202091500200	INST BOOK	7202-091500200 (ITA/DUT)	B
A	2	CD7202091500500	INST BOOK	7202-091500500 (DAN/FIN/SWE)	C
A	3	-----	WARRANTY CARD	7201-081000103	
A	4	CD7201081200700	REGIS. CARD	7201-081200700	A
A	5	-----	BATTERY	4201-730215030(x2)	
A	6	CD3007002000500	RCA CABLE	3007-002000500	
A	7	CD3009001400100	FM ANTENNA	3009-001400100	
A	8	CD1901000012900	REMOCON UNIT	1901-000012900	
A	9	CD6303081500100	SUPPORT SHEET	6303-081500100	
A	11	CD6024226050100	SCREW	6024-226050100	
A	12	CD5935081500100	STAND BASE BKT	5935-081500100	
A	13	CD6404081500200	RUBBER FEET	6404-081500200(x4)	
A	14	CD3010134000100	CABLE	3010-134000100	
A	15	CD2712000060010	FERRITE CORE	2712-000060010	
A	16	NXT5EN-SPBOX-R	SPK WITH BOX(R)	8919-091500100	
A	17	NXT5EN-SPBOX-L	SPK WITH BOX(L)	8919-091500100	
P	1	CD7603091500100	CARTON	7603-091500100	
P	2	CD7403081500100	POLYFOAM L	7403-081500100	
P	3	CD7404081500100	POLYFOAM R	7404-081500100	
P	4	CD7905042100300	POLY BAG	7905-042100300(x2)	
P	5	CD7502081500100	HEPE BAG	7502-081500100	
P	6	CD7502081000100	POLY BAG	7502-081000100(x2)	
P	7	CD7603091500200	CARTON	7603-091500200	