

# 1. Precaution

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

## 1-1 Safety Precautions

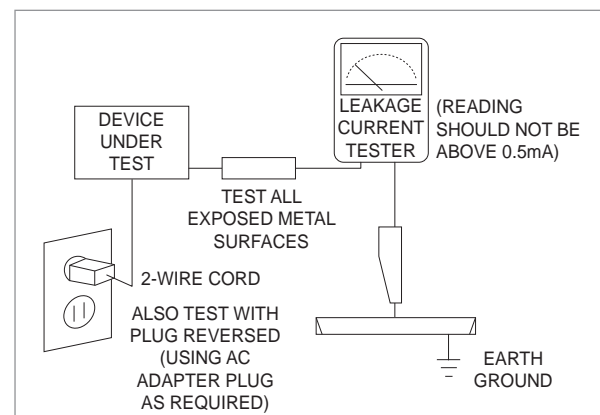
1. Be sure that all of the built-in protective devices are replaced.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including control knobs and compartment covers.
3. Make sure that there are no cabinet openings through which people--particularly children--might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.
4. Design Alteration Warning:  
Never alter or add to the mechanical or electrical design of the unit.  
Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard.  
Also, any design changes or additions will void the manufacturer's warranty.

### 5. Leakage Current Hot Check (Fig. 1-1):

Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, etc.) and all exposed metal parts. Examples:

Handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the powerplug prongs in the AC outlet and repeat.

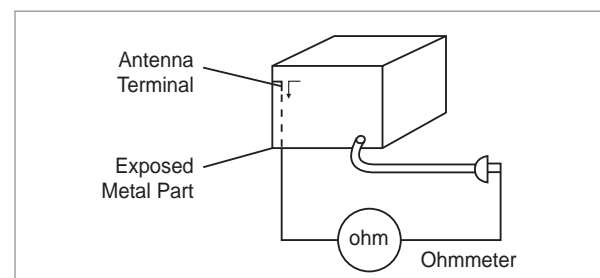


<Fig. 1-1 AC Leakage Test>

### 6. Insulation Resistance Cold Check:



(1) With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. (2) Set the power switch to ON. (3) Measure the resistance between the shorted AC plug and any exposed metallic parts.

Example: Screwheads, antenna, control shafts or handle brackets.



<Fig. 1-2 Insulation Resistance Test>

If any of the exposed metallic parts has a return path to the chassis, the measured resistance should be between 1 and 5.2 megohms. If there is no return path, the measured resistance should be "infinite." If the resistance is outside these limits, a shock hazard might exist. See Fig. 1-2.

7. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.
8. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that no wires or components touch thermally hot parts.
9. Product Safety Notice:  
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.
10. Components that are critical for safety are indicated in the circuit diagram by shading,  or . Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

## 1-2 Servicing Precautions

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1. Servicing precautions are printed on the cabinet. Follow them.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring may be clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.  
  
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.



First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

## 1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

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1. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs). Examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)
3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.
5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
6. Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static" (these can accumulate sufficient electrical charge to damage ESDs).
7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.



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## 2. Product Specification

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### 2-1 Product Feature

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#### 2-1-1 MAX-DG56 Product Feature

##### ■ Power

- 2.1ch: 280W Total RMS / 3,100W PMPO (Front: 90W/ch, S/W: 100W)
- EQ: 6 Mode

##### ■ Special Functions

- CD Ripping (1x, 192 Kbps)
- Party Mode: Superb Sound + Flash LED Light

##### ■ Connectivity

- USB Host (Divx, MP3, JPEG)
- Portable Audio In (3.5 phi Stereo Jack)

##### ■ Disc

- Type: 3 Roulette
- Compatible: DVD, Divx, MP3, CD/CD-R/CD-RW, WMA, VCD (Regional Option)

##### ■ In/Out: Component, Composite, Audio L-R

#### 2-1-2 MAX-G56 Product Feature

##### ■ Power

- 2.1ch: 280W Total RMS / 3,100W PMPO (Front: 90W/ch, S/W: 100W)
- EQ: 6 Mode

##### ■ Special Functions

- CD Ripping (1x, 192 Kbps)
- Party Mode: Superb Sound + Flash LED Light

##### ■ Connectivity

- USB Host (MP3)
- Portable Audio In (3.5 phi Stereo Jack)

##### ■ Disc

- Type: 3 Roulette
- Compatible: MP3, CD-R/CD-RW, WMA

### 2-1-3 MAX-G55 Product Feature

#### ■ Power

- 2ch: 180W Total RMS / 2,000W PMPO (Front: 90W/ch)
- EQ: 6 Mode

#### ■ Special Functions

- CD Ripping (1x, 192 Kbps)
- Party Mode: Superb Sound + Flash LED Light

#### ■ Connectivity

- USB Host (MP3)
- Portable Audio In (3.5 phi Stereo Jack)

#### ■ Disc

- Type: 3 Roulette
- Compatible: CD-R/CD-RW, WMA

### 2-1-4 MAX-DG54 Product Feature

#### ■ Power

- 2.1ch: 280W Total RMS / 3,100W PMPO (Front: 90W/ch, S/W: 100W)
- EQ: 6 Mode

#### ■ Special Functions

- CD Ripping (1x, 192 Kbps)
- Party Mode: Superb Sound + Flash LED Light

#### ■ Connectivity

- USB Host (Divx, MP3, JPEG)
- Portable Audio In (3.5 phi Stereo Jack)

#### ■ Disc

- Type: 3 Roulette
- Compatible: DVD, Divx, MP3, CD/CD-R/CD-RW, WMA, VCD (Regional Option)

#### ■ In/Out: Component, Composite, Audio L-R

#### ■ 2 Tape Deck

## 2-1-5 MAX-DG53 Product Feature

### ■ Power

- 2ch: 180W Total RMS / 2,000W PMPO (Front: 90W/ch)
- EQ: 6 Mode

### ■ Special Functions

- CD Ripping (1x, 192 Kbps)
- Party Mode: Superb Sound + Flash LED Light

### ■ Connectivity

- USB Host (Divx, MP3, JPEG)
- Portable Audio In (3.5 phi Stereo Jack)

### ■ Disc

- Type: 3 Roulette
- Compatible: CD-R/CD-RW, WMA

### ■ Disc

- Type: 3 Roulette
- Compatible: DVD, Divx, MP3, CD/CD-R/CD-RW, WMA, VCD (Regional Option)

### ■ In/Out: Component, Composite, Audio L-R

### ■ 2 Tape Deck

## 2-2 Specifications

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### 2-2-1 MAX-DG56 Specifications

#### ■ Basic Specification

<b>RADIO FM</b>	<b>Signal/noise ratio</b>	62 dB
	<b>Usable sensitivity</b>	10 dB
	<b>Total harmonic distortion</b>	0.3 %
<b>COMPACT DISC PLAYER</b>	<b>Capacity</b>	3 discs
	<b>Frequency range</b>	20 Hz - 20 KHz ( $\pm 3$ dB)
	<b>Signal/noise ratio</b>	90 dB (at 1 KHz) with filter
	<b>Distortion</b>	0.05 % (at 1 KHz)
	<b>Channel separation</b>	75 dB
	<b>Disc sizes</b>	Diameter: 120 or 80 mm. Thickness: 1.2 mm
<b>AMPLIFIER Output Power</b>	<b>Front Speaker (6<math>\Omega</math>)</b>	90 Watts/CH RMS, IEC (total harmonic distortion: 10 %)
	<b>Subwoofer Speaker (6<math>\Omega</math>)</b>	100 Watts/CH RMS, IEC (total harmonic distortion: 10 %)
	<b>Channel separation</b>	40 dB
	<b>Signal/noise ratio</b>	75 dB
<b>GENERAL</b>	<b>Power Consumption</b>	40W
	<b>Dimensions</b>	377 (W) x 227 (H) x 270 (D) mm

## 2-2-2 MAX-G56 / MAX-G55 Specifications

### ■ Basic Specification

RADIO FM	Signal/noise ratio	62 dB
	Usable sensitivity	10 dB
	Total harmonic distortion	0.3 %
COMPACT DISC PLAYER	Capacity	3 discs
	Frequency range	20 Hz - 20 KHz ( $\pm 1$ dB)
	Signal/noise ratio	90 dB (at 1 KHz) with filter
	Distortion	0.05 % (at 1 KHz)
	Channel separation	75 dB
	Disc sizes	Diameter: 120 or 80 mm. Thickness: 1.2 mm
AMPLIFIER Output Power	Front Speaker (6 $\Omega$ )	90 Watts/CH RMS, IEC (total harmonic distortion: 10 %)
	Subwoofer Speaker (6 $\Omega$ )	100 Watts/CH RMS, IEC (total harmonic distortion: 10 %)
	Channel separation	45 dB
	Signal/noise ratio	75 dB
GENERAL	Power Consumption	50W
	Dimensions	270 (W) x 227 (H) x 377 (D) mm

## 2-2-3 MAX-DG54 / MAX-DG53 Specifications




### ■ Basic Specification

RADIO FM	Signal/noise ratio	62 dB
	Usable sensitivity	10 dB
	Total harmonic distortion	0.4 %
COMPACT DISC PLAYER	Capacity	3 discs
	Frequency range	20 Hz - 20 KHz ( $\pm$ 3 dB)
	Signal/noise ratio	90 dB (at 1 KHz) with filter
	Distortion	0.1 % (at 1 KHz)
	Channel separation	75 dB
	Disc sizes	Diameter: 120 or 80 mm. Thickness: 1.2 mm
AMPLIFIER Output Power	Front Speaker (6 $\Omega$ )	90 Watts/CH RMS, IEC (total harmonic distortion: 10 %) (MAX-DG54/DG53)
	Subwoofer Speaker (6 $\Omega$ )	100 Watts/CH RMS, IEC (total harmonic distortion: 10 %) (MAX-DG54)
	Channel separation	60 dB
	Signal/noise ratio	70 dB
GENERAL	Power Consumption	50 W
	Dimensions	377 (D) x 227 (H) x 270 (W) mm

## 2-3 Specifications Analysis

Model Name	MAX-KG56	MAX-DG56	MAX-G56	MAX-DA55
Photo				
RMS	280W	280W	280W	180W
Output Power	90W x 2 + 100W	90W x 2 + 100W	90W x 2 + 100W	90W x 2
Front Display	VFD	VFD	VFD	VFD
Party Mode	○	○	○	X
DIMMER	○	○	○	○
CD/DVD	DVD	DVD	CD	DVD
TAPE	X	X	X	○
USB HOST	VIDEO/AUDIO	VIDEO/AUDIO	AUDIO	AUDIO
CD RIPPING	○	○	○	○
EQ/DSP	8	8	8	8
Audio In	○	○	○	○
HEADPHONE/MIC	○	○	○	○
Karaoke	○	X	X	X
FM	○	○	○	○
Tuner Memory	20	20	20	20
Remote Key	60 Key	60 Key	40 Key	57 Key
Dual Voltage	○	○	○	○
SPK Impedance	4Ω	4Ω	4Ω	4Ω

※ ○: application, X: non-application

Model Name	MAX-DG55	MAX-G55	MAX-DG54	MAX-DG53	MAX-DA55
Photo					
RMS	180W	180W	280W	180W	180W
Output Power	90W x 2	90W x 2	90W x 2 + 100W	90W x 2	90W x 2
Front Display	VFD	VFD	VFD	VFD	VFD
Party Mode	○	○	○	○	X
DIMMER	○	○	○	○	○
CD/DVD	DVD	CD	DVD	DVD	DVD
TAPE	X	X	○	○	○
USB HOST	VIDEO/AUDIO	AUDIO	VIDEO/AUDIO	VIDEO/AUDIO	AUDIO
CD RIPPING	○	○	○	○	○
EQ/DSP	8	8	8	8	8
Audio In	○	○	○	○	○
HEADPHONE/MIC	○	○	○	○	○
Karaoke	X	X	X	X	X
FM	○	○	○	○	○
Tuner Memory	20	20	20	20	20
Remote Key	40 Key	40 Key	40 Key	40 Key	57 Key
Dual Voltage	○	○	○	○	○
SPK Impedance	4Ω	4Ω	4Ω	4Ω	4Ω



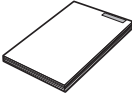
※ ○: application, X: non-application



## 2-4 Accessories

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### 2-4-1 Supplied Accessories

Accessories	Item	Item code	Remark
	Remote Control	AH59-02147E	Samsung Service Center
	FM Antenna	AH42-00021A	
	User's Manual	AH68-02162X	

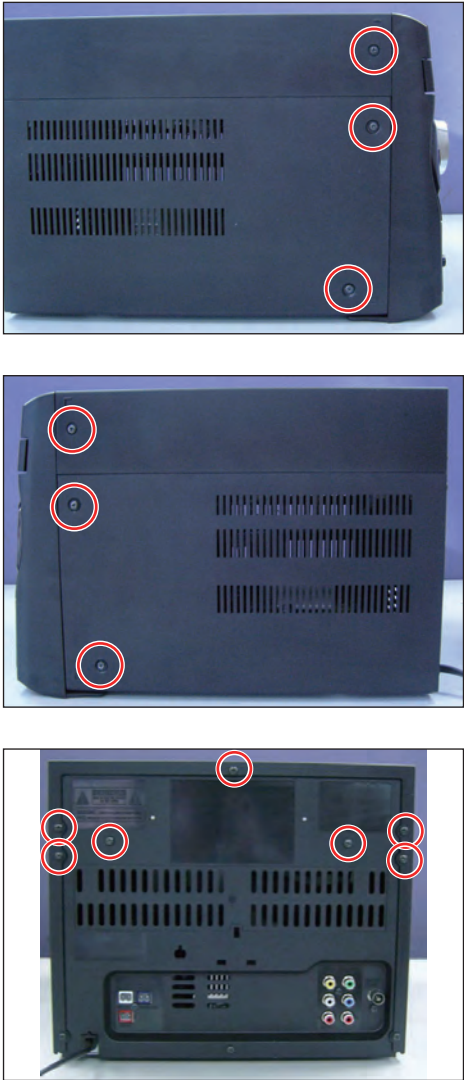
# MEMO


## 3. Disassembly & Reassembly

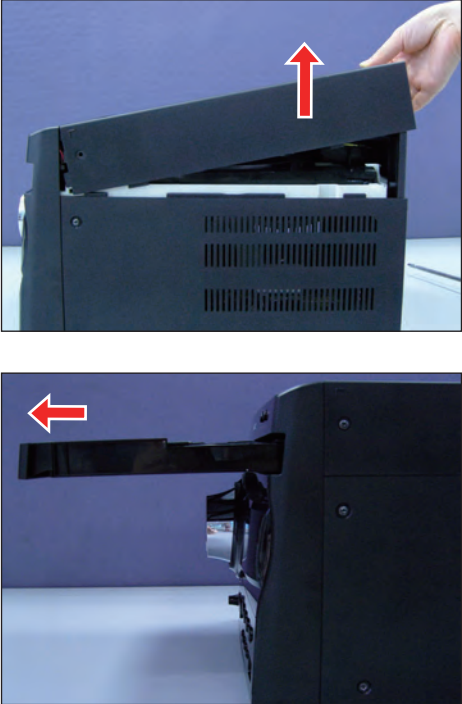
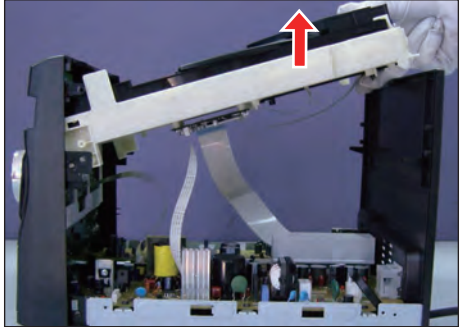
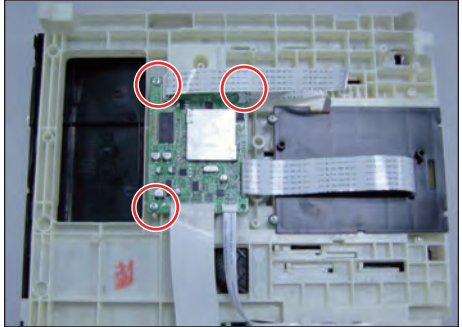
### 3-1 Overall Disassembly & Reassembly



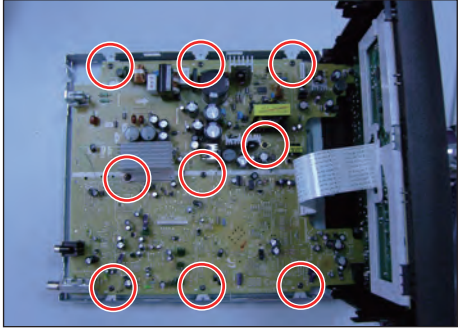
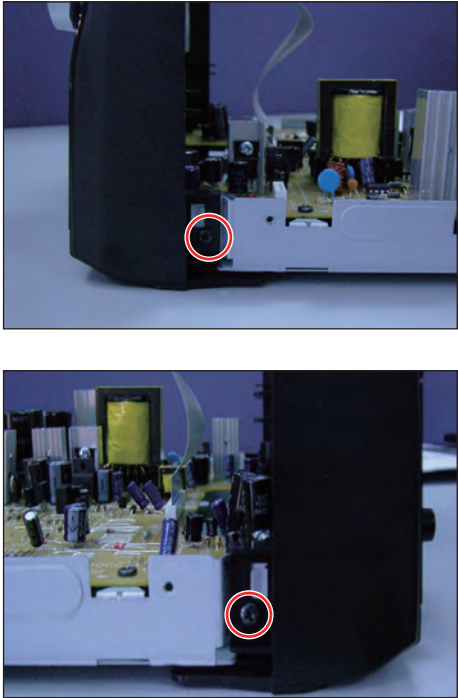
- Be careful to follow the disassembly sequence described in the manual. Otherwise, the product may be damaged.
- Be sure to carefully read and understand the safety instructions before performing any work as the IC chips on the PCB are vulnerable to static electricity.
- Assemble in the reverse order of disassembly.

No.	Part Name	Description	Description Photo
1	COVER-SIDE-L / COVER-SIDE-R / CABINET-REAR	1) Unfasten 15 screws. : BH,3*10,BLACK  <div style="border: 1px solid black; padding: 5px; width: fit-content;">             ⚠ Be careful not to make any scratches as you remove it.           </div>	 <p style="text-align: center;">&lt;MAX-DG56 CABINET-REAR&gt;</p>

No.	Part Name	Description	Description Photo
1	COVER-SIDE-L / COVER-SIDE-R / CABINET-REAR		 <p data-bbox="1013 638 1348 672">&lt;MAX-G55 CABINET-REAR&gt;</p>  <p data-bbox="973 1064 1388 1097">&lt;MAX-G56/DG55 CABINET-REAR&gt;</p>  <p data-bbox="965 1624 1396 1657">&lt;MAX-DG54/DG53 CABINET-REAR&gt;</p>

No.	Part Name	Description	Description Photo
2	CABINET-TOP / DOOR-CD	1) Pull up and remove the CABINET-TOP.  2) Power on and open the disk, separate DOOR-CD.	
3	CD-DECK	1) Pull up and remove the CD-DECK.	
4	MPEG PCB (MAX-DG5x Only)	1) Unfasten the 3 screws and remove MPEG PCB. : BH 2.6*8 WHITE	

No.	Part Name	Description	Description Photo
5	CABINET-REAR	1) Unfasten the 6 screws and remove CABINET-REAR. : BH,3*10,BLACK	 <p data-bbox="1002 640 1362 674">&lt;MAX-DG56 CABINET-REAR&gt;</p>  <p data-bbox="1011 1066 1353 1099">&lt;MAX-G55 CABINET-REAR&gt;</p>  <p data-bbox="970 1478 1394 1512">&lt;MAX--G56/DG55 CABINET-REAR&gt;</p>  <p data-bbox="963 2033 1401 2067">&lt;MAX-DG54/DG53 CABINET-REAR&gt;</p>

No.	Part Name	Description	Description Photo
6	MAIN PCB	1) Unfasten 8 screws on the MAIN-PCB. : BH,3*10,WHITE	
7	CABINET BOTTOM	1) Unfasten the 2 screws. : BH,3*10,black	



No.	Part Name	Description	Description Photo
8	ASSY-FRONT / TAPE DECK	1) Pull the hook at ① and ② of and separate ASSY-FRONT.  2) (MAX-DG54/DG53 Only) 4 screws to disassemble tape deck. : BH 3*10 BLACK  3) Unfasten 11 screws. : BH 3*10 BLACK	  <p data-bbox="986 947 1377 981">&lt;MAX-DG54/DG53 TAPE-DECK&gt;</p>  <p data-bbox="930 1485 1441 1518">&lt;MAX-DG56/G56/DG55/G55 ASSY FRONT&gt;</p>  <p data-bbox="978 2022 1385 2056">&lt;MAX-DG54/DG53 ASSY FRONT&gt;</p>



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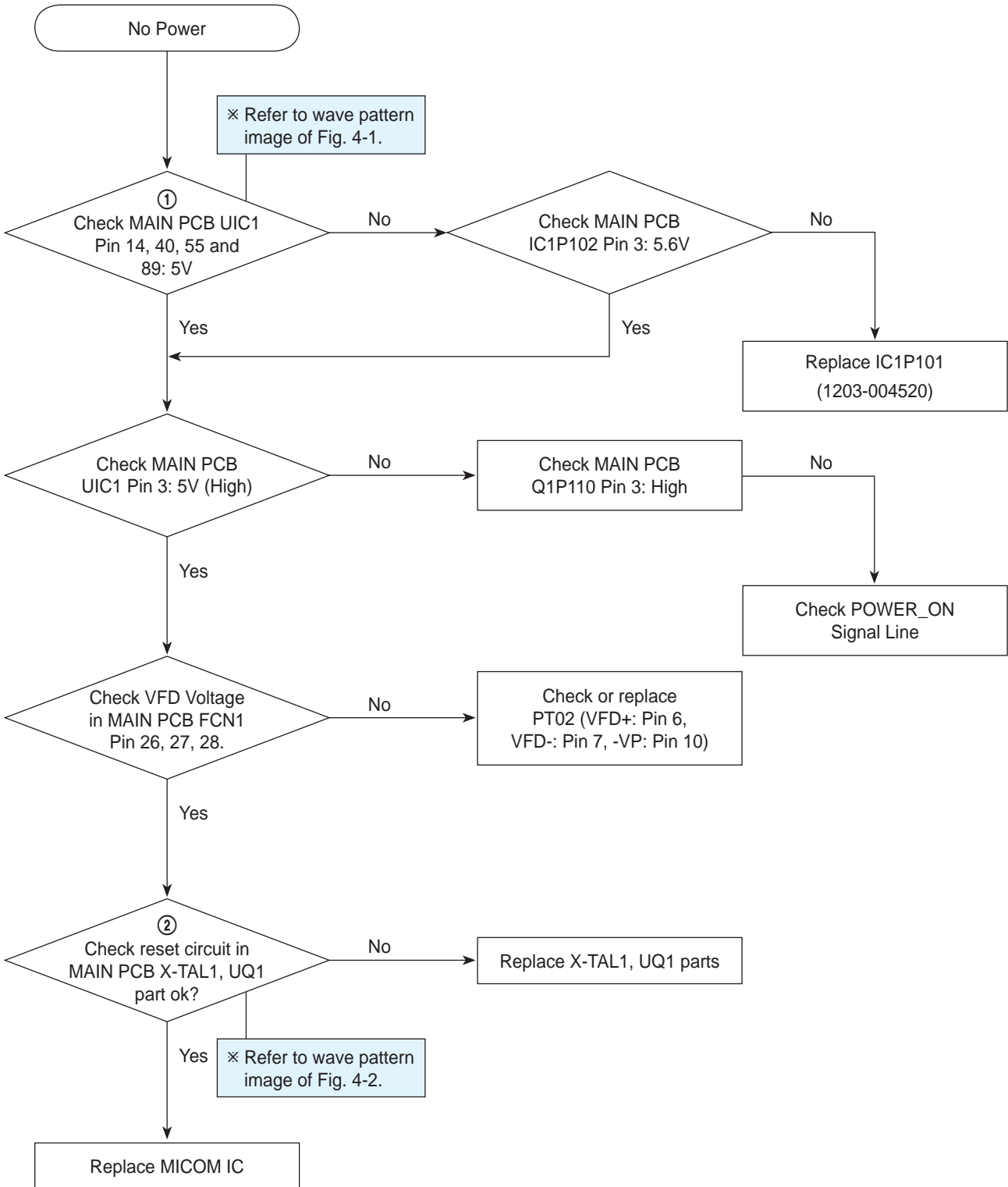
## 4. Troubleshooting

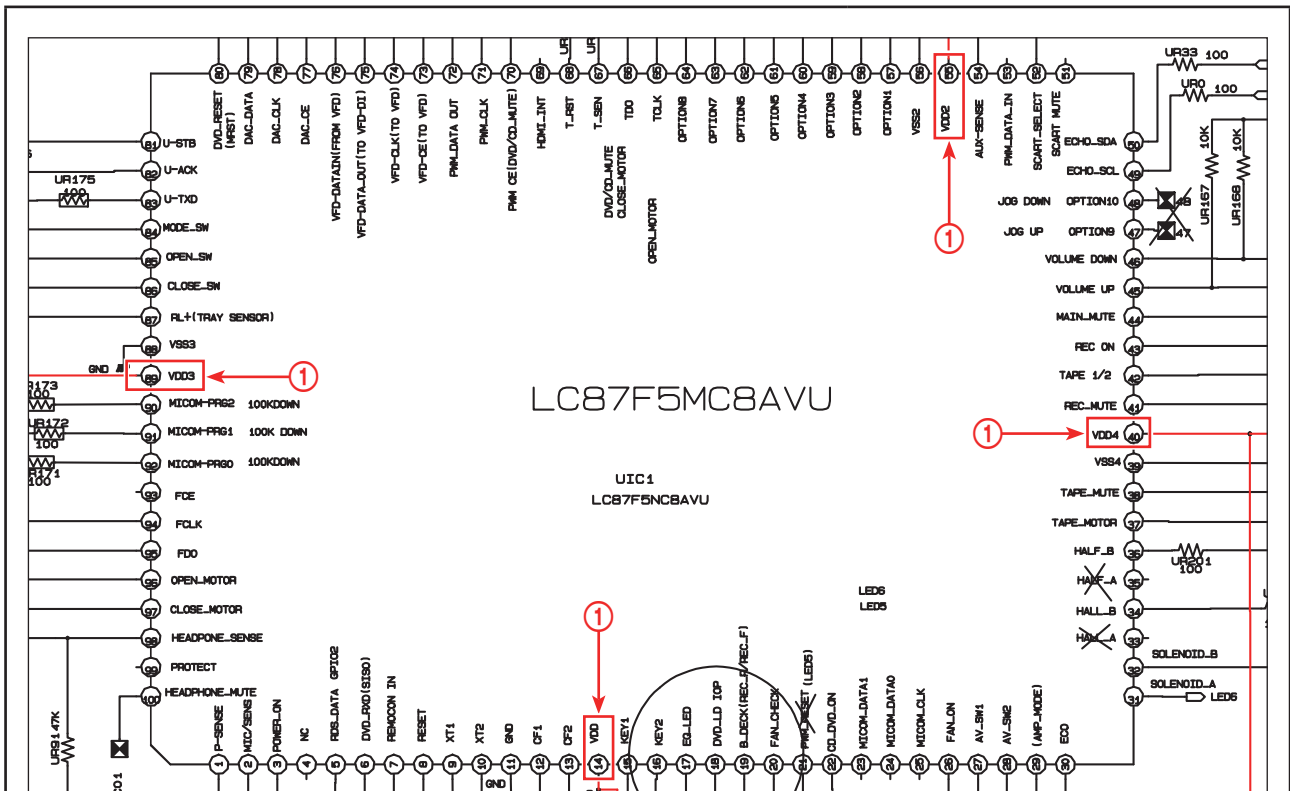
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4-1	Checkpoints by Error Mode .....	4-2
4-2	MICOM, MPEG Initialization & Update .....	4-11

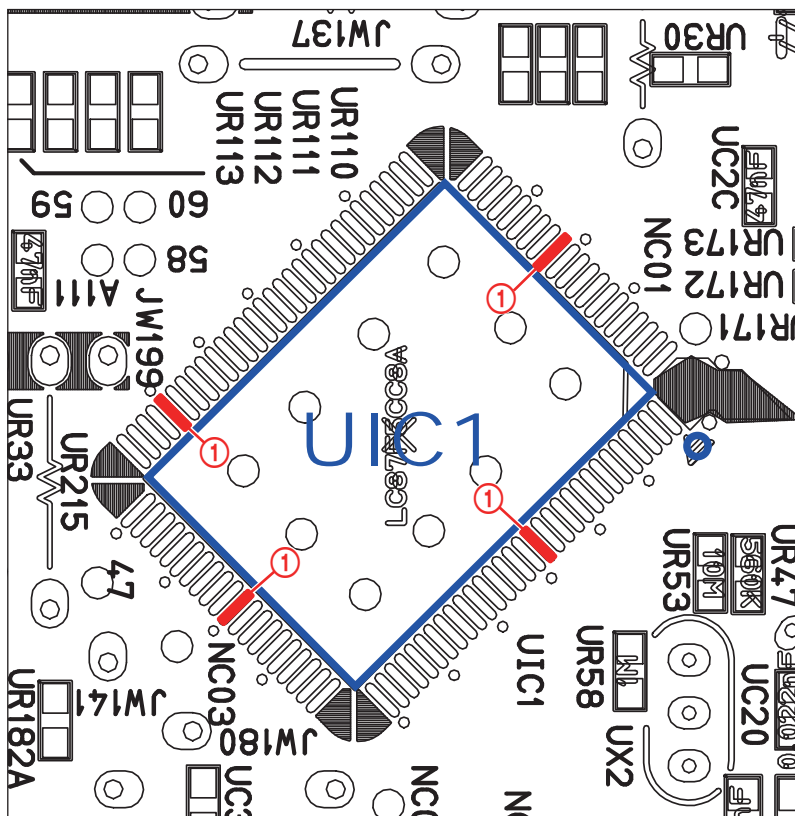
## 4-1 Checkpoints by Error Mode

### 4-1-1 No Power

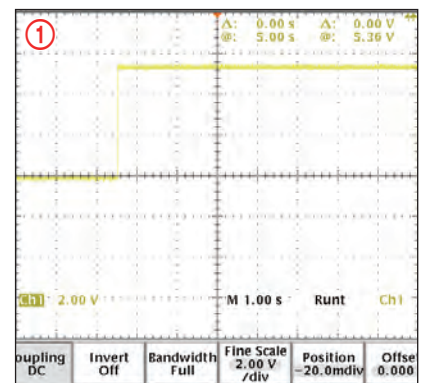




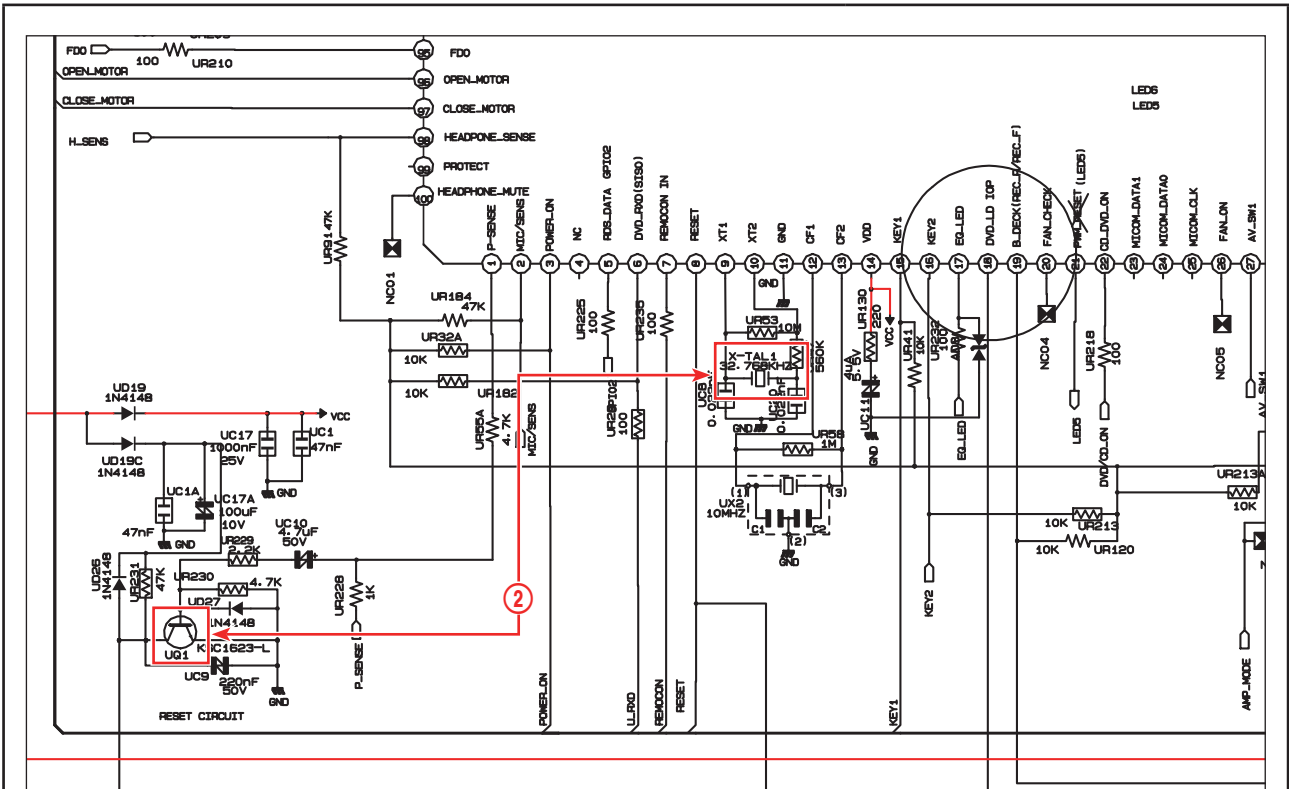
※ MAIN, page 7-4



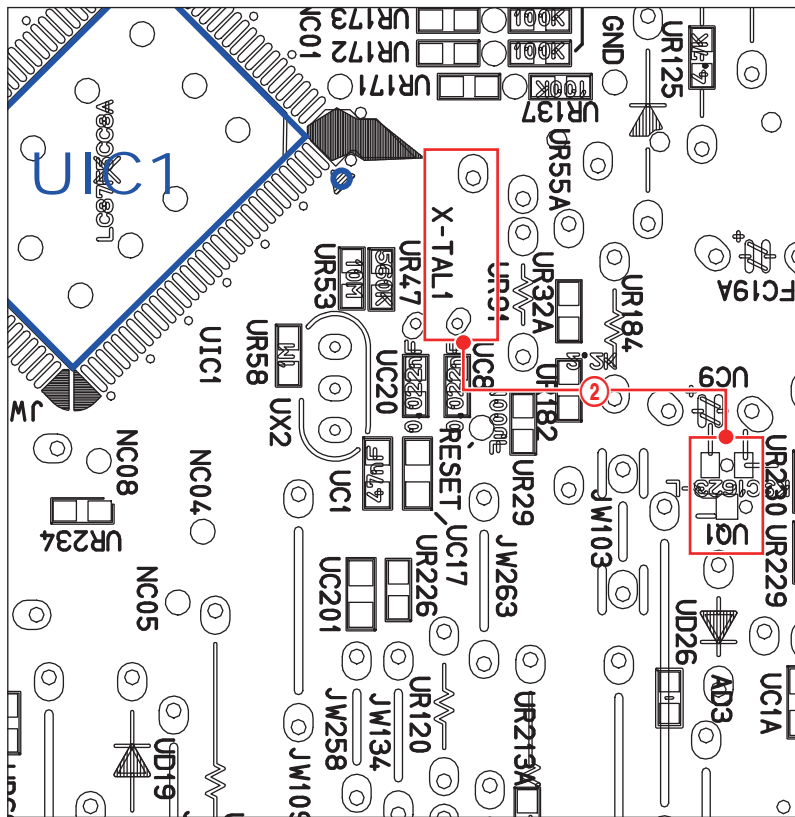
※ MAIN PCB Bottom, page 6-8



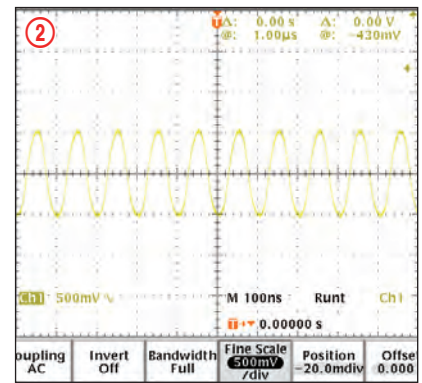
<Fig. 4-1>



※ MAIN, page 7-4

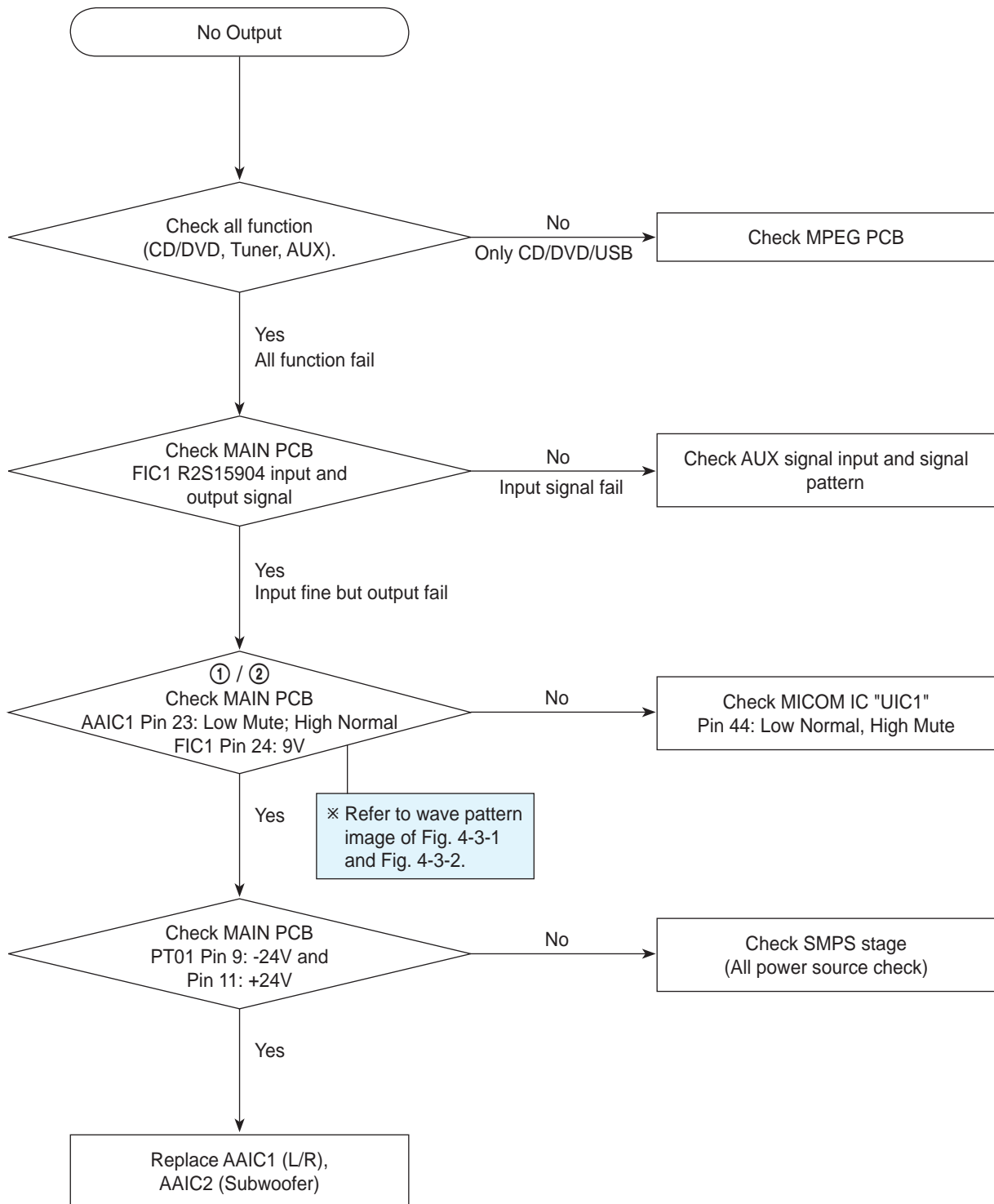


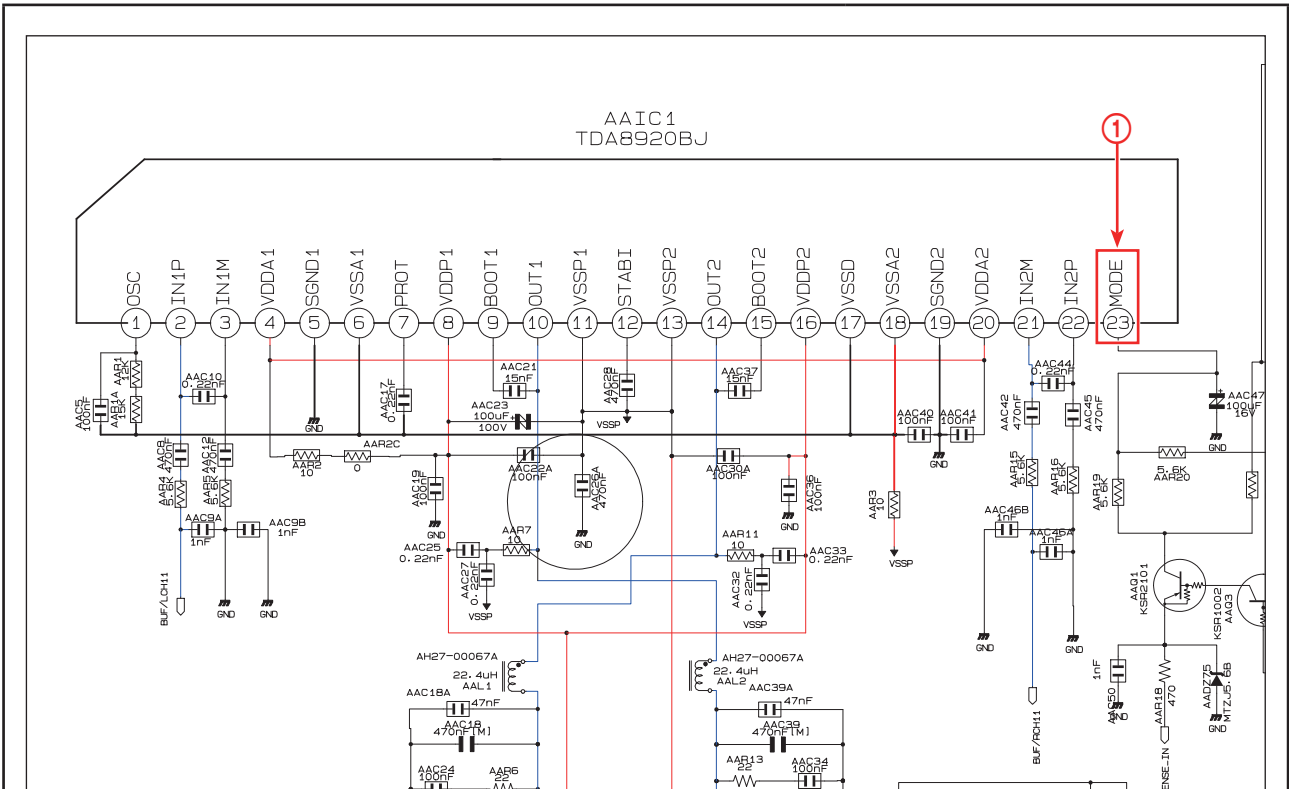
※ MAIN PCB Bottom, page 6-8



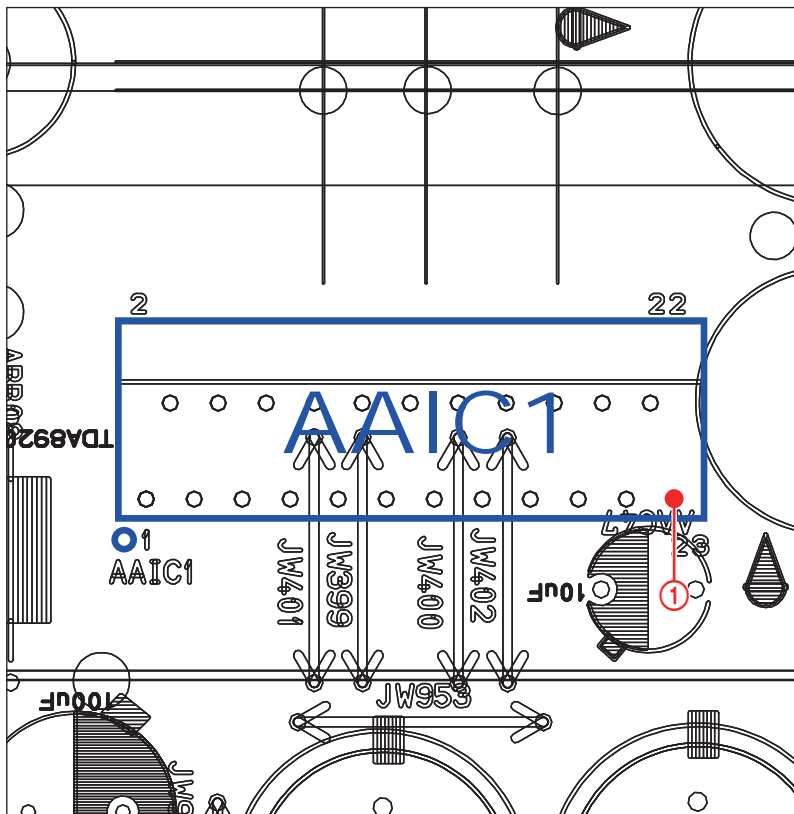
<Fig. 4-2>

### 4-1-2 No Output

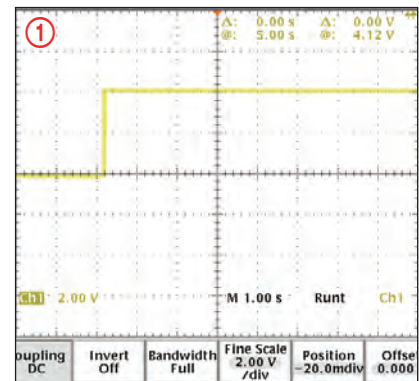




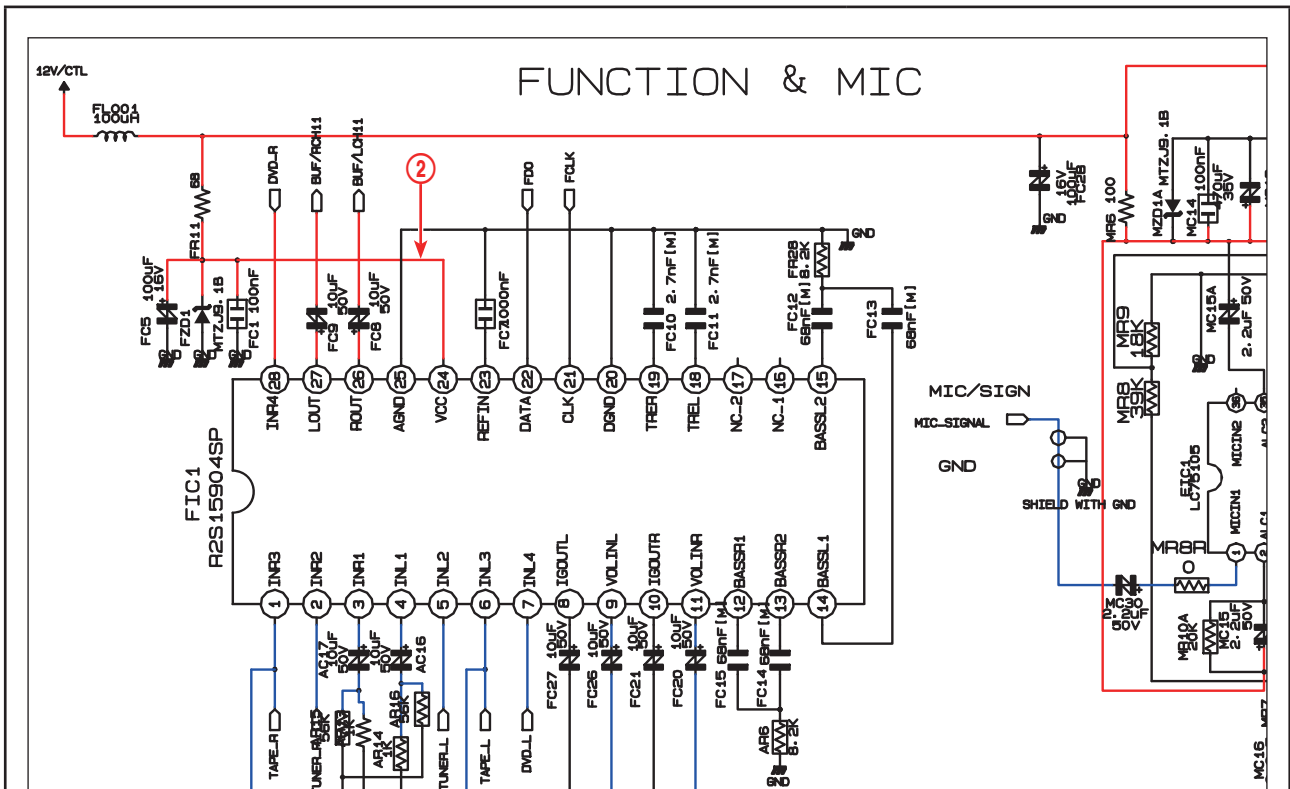
× AMP, page 7-5



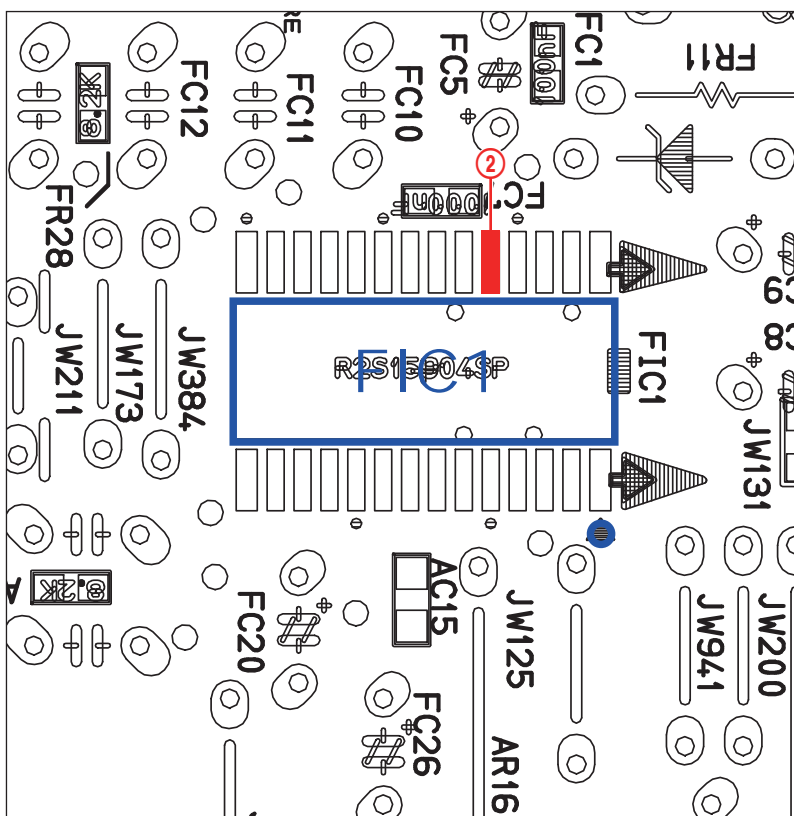
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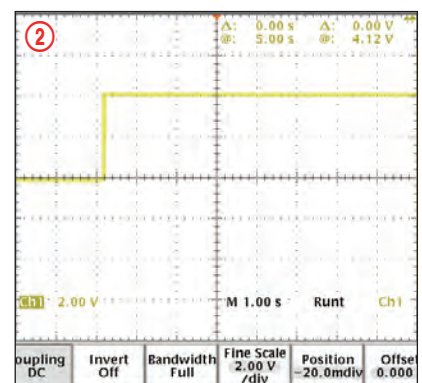
<Fig. 4-3-1>



※ MAIN, page 7-4

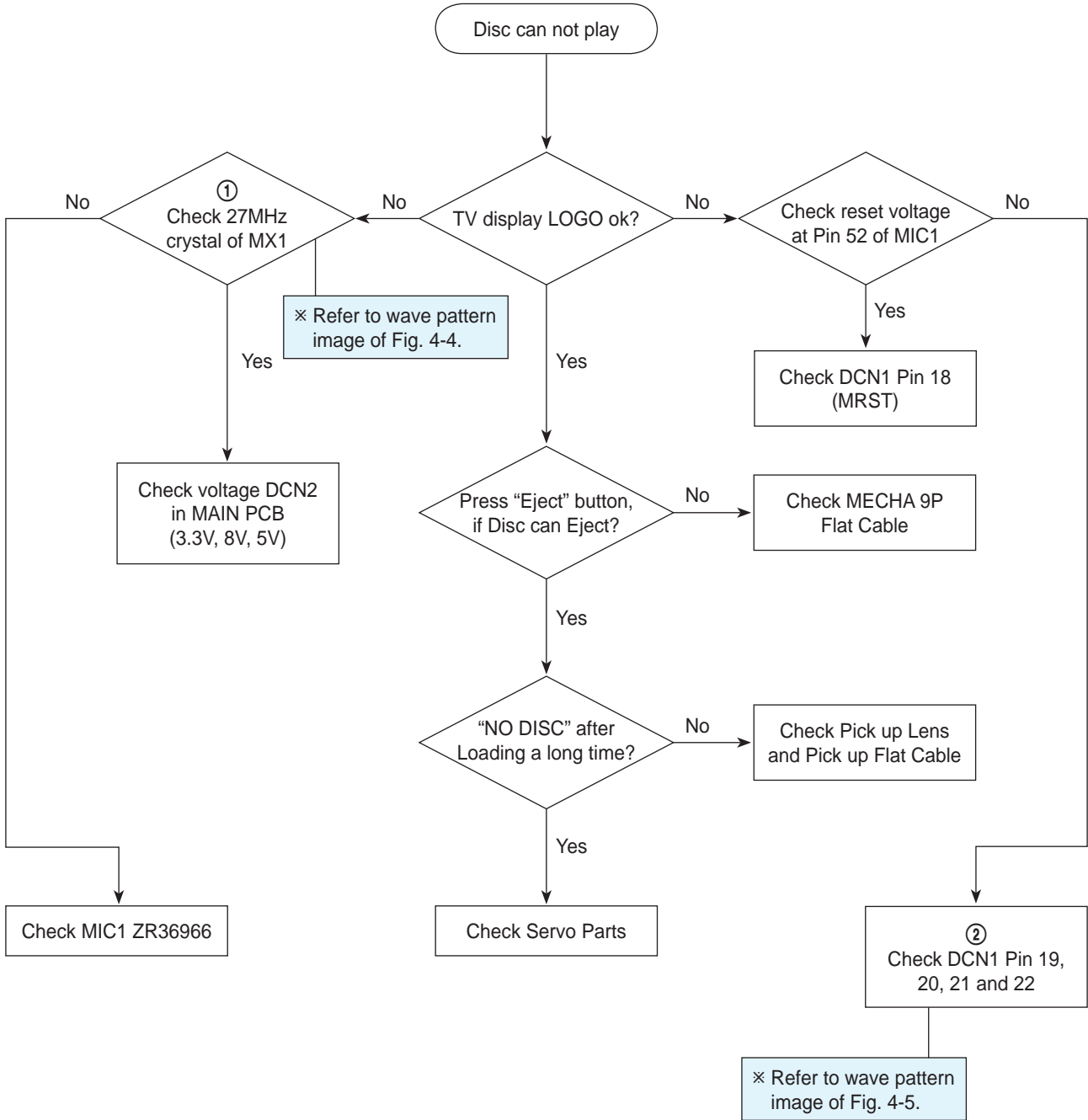


※ MAIN PCB Bottom, page 6-8

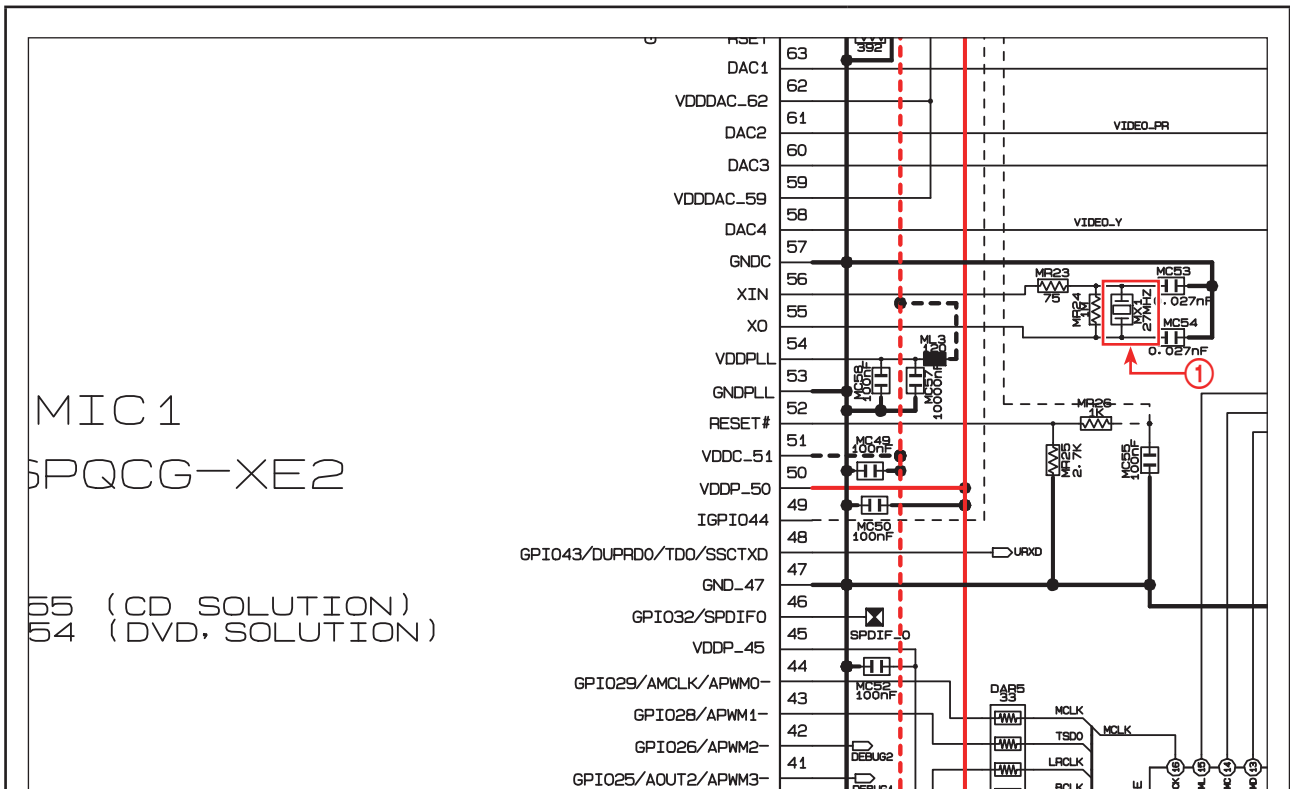


<Fig. 4-3-2>

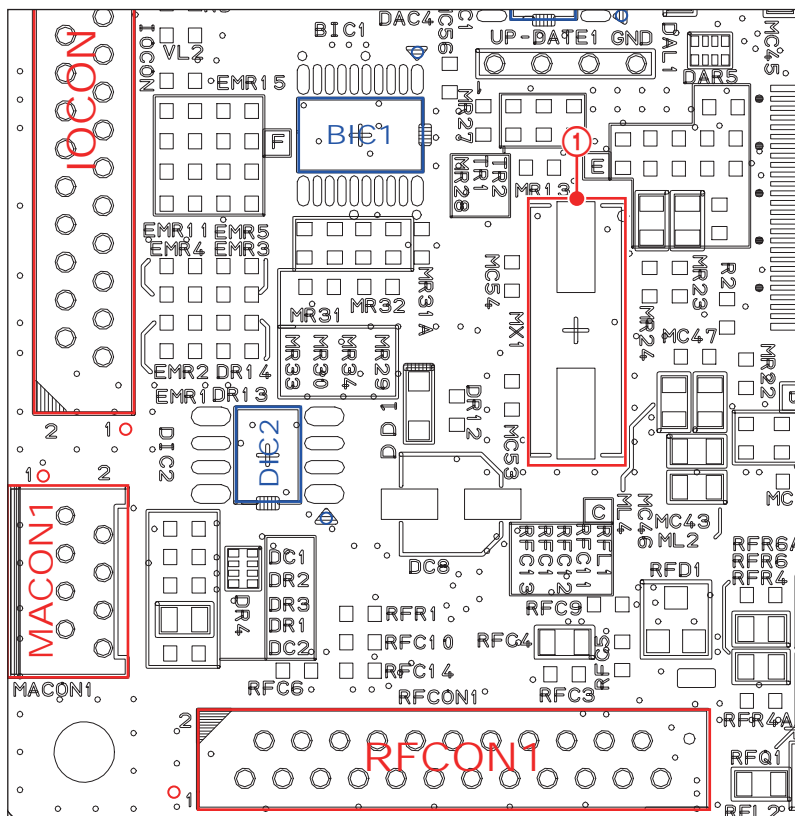
### 4-1-3 CD/DVD PACK



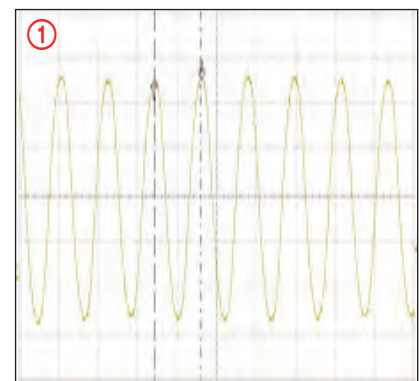




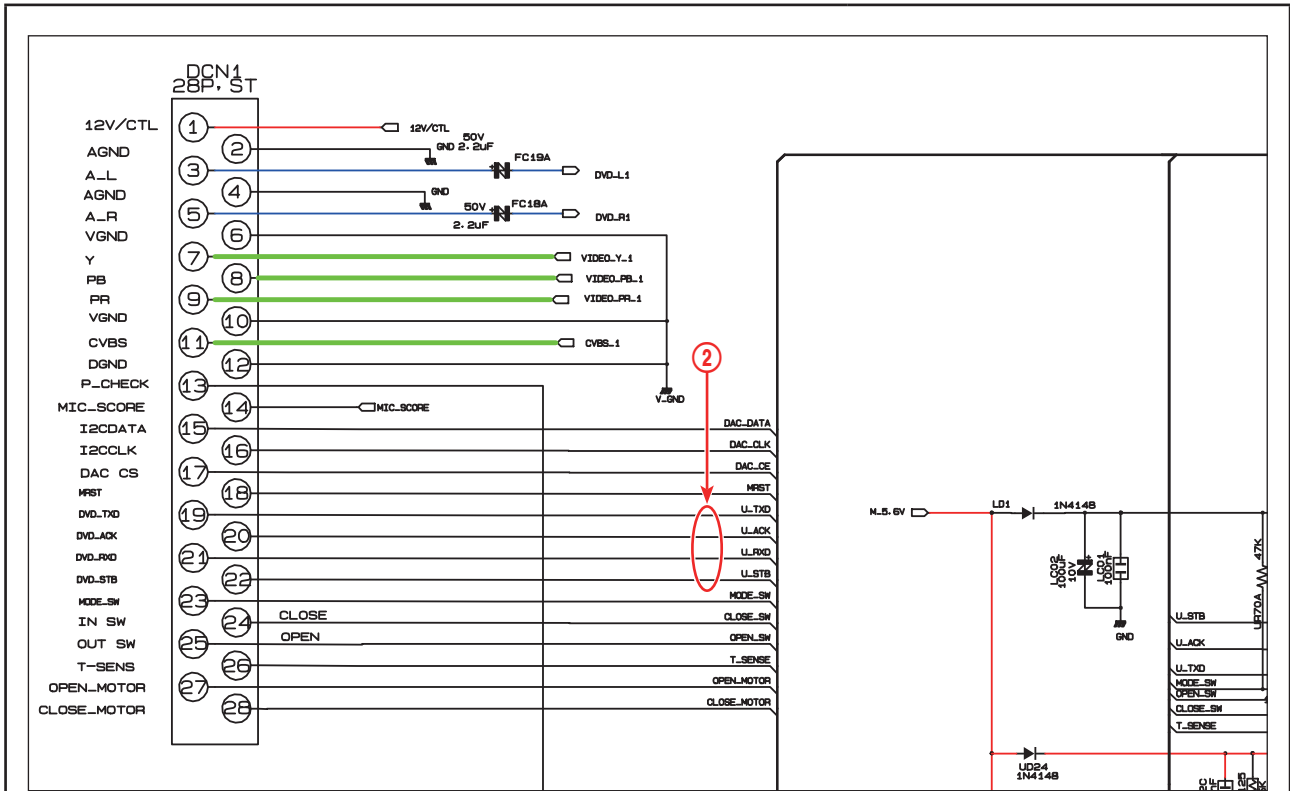
※ MPEG, page 7-7



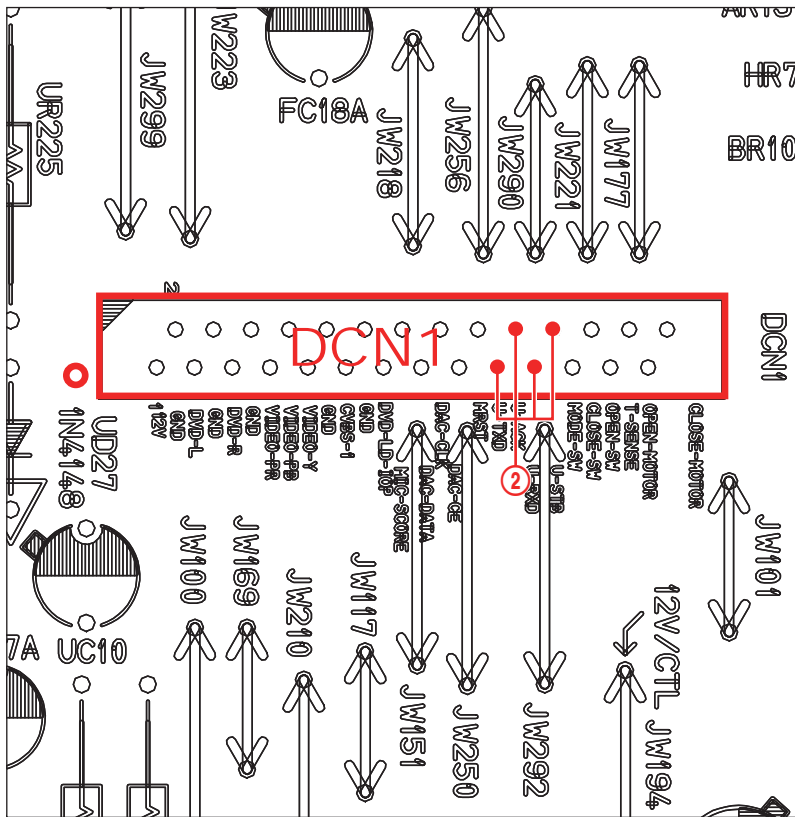
※ MPEG PCB Top, page 6-10



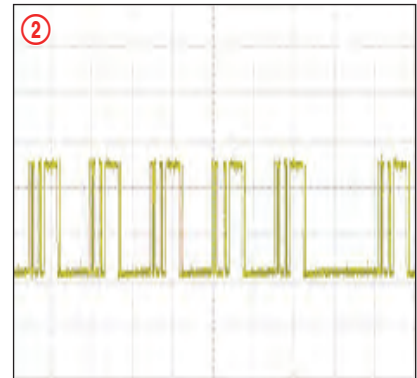
<Fig. 4-4>



× MAIN, page 7-4



× MAIN PCB Top, page 6-6



<Fig. 4-5>

## 4-2 MICOM, MPEG Initialization & Update

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### ■ MICOM Initial

In STANDBY condition, press "STOP" button of Main Unit 5 seconds more, time display as '---:--'. Then Initialization complete.

### ■ MICOM Update

MICOM update is enabled via USB and CD/DVD.

1. Copy MICOM update file to CD/DVD/USB.
2. File name is "micom.ssp", "update.ver".
3. DVD Model: Osd shows update screen. You have to make sure your update file is most recently version.  
Then press "ENTER" to proceed.  
CD Model: VFD shows "reading". And "update" shows up and blinking. Wait until MAIN set automatically power off.

### ■ MPEG Update

1. Copy MPEG update file to CD/DVD/USB.
2. File name is "DCMCXXXW.bin"
3. DVD Model: Osd shows update screen. You have to make sure your update file is most recently version.  
Then press "ENTER" to proceed.  
CD Model: VFD shows "reading". And "update" shows up and blinking. Wait until MAIN set automatically power off.

# MEMO

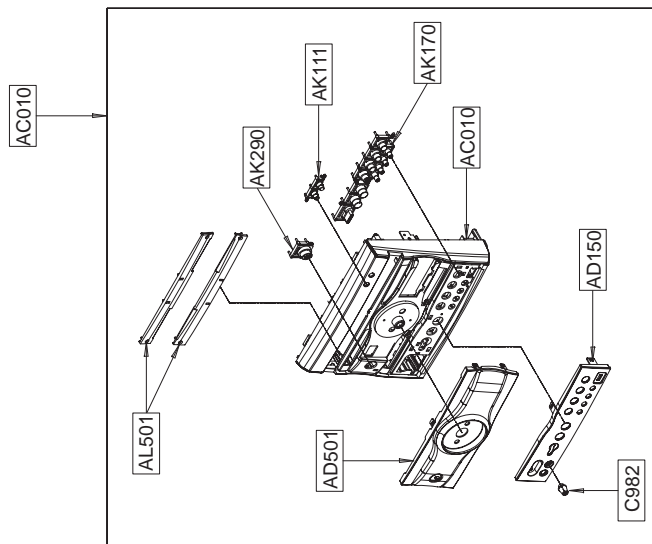
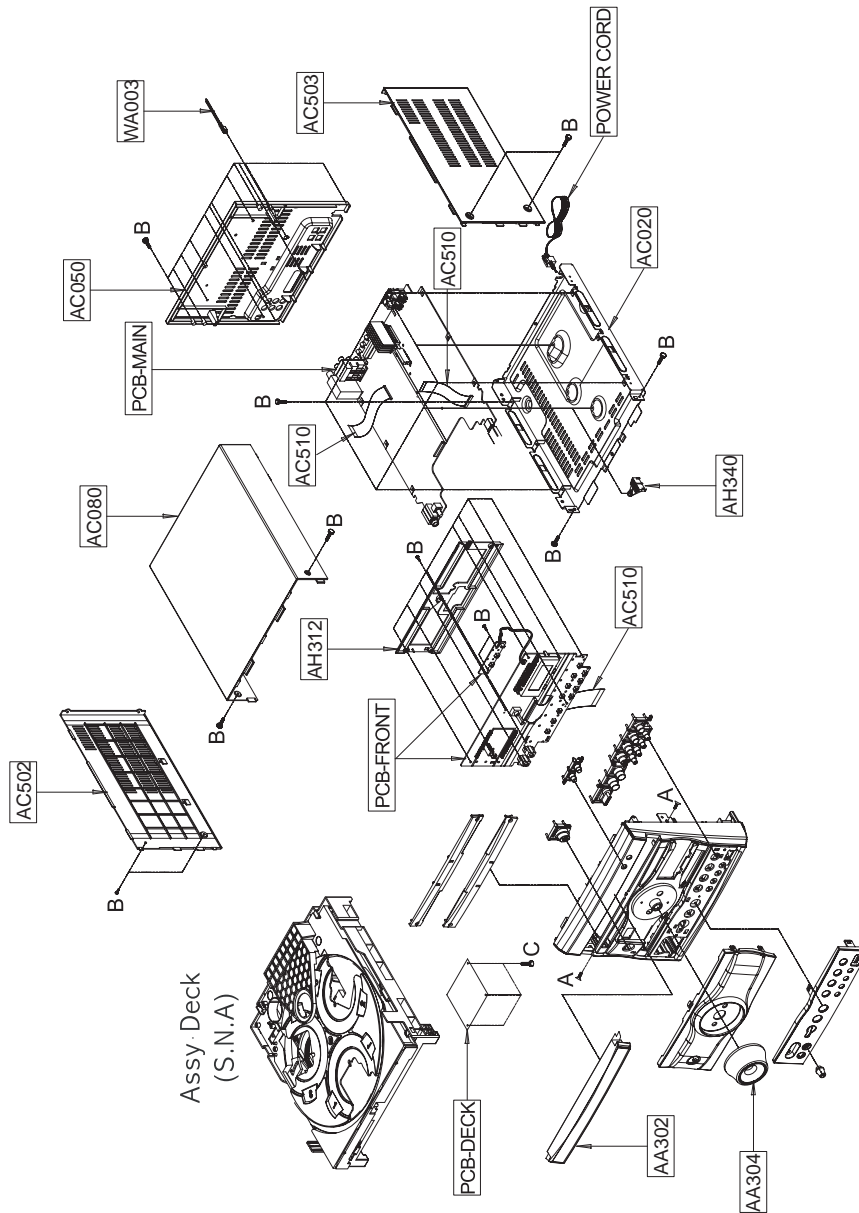
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## 5. Exploded View & Part List

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5-1	Exploded View .....	5-2
5-2	Speaker System.....	5-4
5-3	Electrical Part List.....	5-5

# 5-1 Exploded View

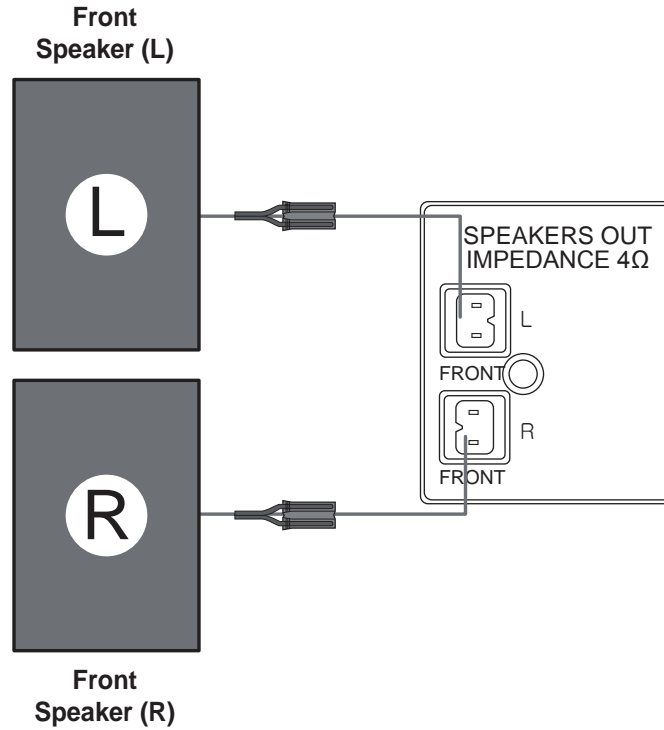


× S.N.A: Service Not Available

## ■ Part List

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
AA302	AH97-03190A	ASSY DOOR-CD;MAX-G55,MAX-G55,EXP,-	1	SA	
AA304	AH97-03038A	ASSY KNOB-VOL;MAX-G55,MAX-G55,EXP,-	1	SA	
AC010	AH64-04844A	CABINET-FRONT;MAX-G55,HIPS,264,226	1	SA	
AC010	AH97-03036A	ASSY CABINET-FRONT;MAX-G55,MAX-G55,EXP,-	1	SA	
AC020	AH64-04873A	CABINET-BOTTOM;MAX-G55,SECC 0.8,262,298	1	SA	
AC050	AH64-04874A	CABINET-REAR;MAX-G55,HIPS,220,265	1	SA	
AC080	AH64-05139A	CABINET-TOP;MAX-G55,HIPS,270,330,BLACK,E	1	SA	
AC502	AH63-01818A	COVER-SIDE-L;MAX-G55,HIPS,20,243	1	SA	
AC503	AH63-01819A	COVER-SIDE-R;MAX-G55,HIPS,20,243	1	SA	
AC510	3708-000411	CONNECTOR-FPC/FFC/PIC;12P,1.25mm,STRAIGH	2	SA	
AC510	3708-001577	CONNECTOR-FPC/FFC/PIC;30P,1.25mm,STRAIGH	2	SA	
AC510	3708-001761	CONNECTOR-FPC/FFC/PIC;28P,1mm,STRAIGHT,S	2	SA	
AD150	AH64-04850D	DECORATION-FRONT;MAX-G55,ABS+PMMA,54.4,2	1	SA	
AD501	AH64-04848A	DECORATION-DISPLAY;MAX-G55,PMMA SMOKE,93	1	SA	
AH312	AH61-02804A	HOLDER-LED;MAX-G55,HIPS,240,85,EXP	1	SA	
AH340	AH61-02903A	HOLDER-PCB;MAX-G55,ABS,25,40,BLK	1	SA	
AK111	AH64-04846A	KNOB-DISK;MAX-G55,ABS,11,56	1	SA	
AK170	AH64-04845A	KNOB-FUNCTION;MAX-G55,ABS,42,177	1	SA	
AK290	AH64-04847A	KNOB-POWER;MAX-G55,ABS,28,28	1	SA	
AL501	AH67-00533A	LENS-REFLECTOR_UPPER;MAX-G55,PMMA,L242*W	2	SA	
C982	AH64-04864A	KNOB-MIC-VOL;MAX-G55,ABS,13,17	1	SA	
WA003	AH66-00303A	WIRE-CLAMP;MAX-G55,NYLON,L24,BLK	1	SA	
PCB-DECK	AH92-02965B	ASSY PCB DECK-CD;AH,G55,CD,MPEG PCB ASSY	1	SA	
PCB-FRONT	AH92-03024A	ASSY PCB FRONT;MINI-DVD/CD,MAX-DG55/G55,	1	SA	
PCB-MAIN	AH92-03023B	ASSY PCB MAIN;MAX-G55,MAX-G55,2.0CH,CD,N	1	SA	
POWER CORD	3903-000277	CBF-POWER CORD;AT,BR,CP2,HOUSING(2P),125	1	SA	
A	6002-000126	SCREW-TAPPING;FH,+,-,2S,M3,L10,ZPC(BLK),	2	SA	
B	6003-000275	SCREW-TAPTYPE;BH,+,-,B,M3,L10,ZPC(BLK),SWR	40	SA	
C	6003-000283	SCREW-TAPTYPE;BH,+,-,B,M3,L8,ZPC(WHT),SW	10	SA	

## 5-2 Speaker System



### ■ Part List

Loc. No.	Code No.	Description;Specification	Q'ty	SNA	Remark
Front Speaker (L)	AH81-04703A	SPEAKER; PS-G55,SPEAKER SYSTEM _L,-,-,-,-	1	SA	
Front Speaker (R)	AH81-04702A	SPEAKER; PS-G55,SPEAKER SYSTEM _R,-,-,-,-	1	SA	



## 5-3 Electrical Part List

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
<b>PCB-DECK AH92-02965B ASSY PCB DECK-CD;AH,G55,CD,MPEG PCB</b>						EMR7	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA	
ACCON1	3708-002272	CONNECTOR-FPC/FFC/PIC;4P,1mm,ANGLE,	1	SA		EMR8	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA	
BIC1	0801-002683	IC-CMOS LOGIC;74HCT245,TRANSCEIVER,	1	SA		EMR9	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA	
DAC1	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA		FL12	3809-000169	CABLE-FLAT;30V,80C,150mm,12P,1.25mm	1	SA	
DAC2	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA		FL28	3809-002254	CABLE-FLAT;30V,80C,190mm,28P,1.0mm,	1	SA	
DAC3	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA		HEATSINK	AH62-00062J	HEAT SINK-MPEG;AL,T2.0	1	SA	
DAC4	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA		IOCON	3708-001761	CONNECTOR-FPC/FFC/PIC;28P,1mm,STRAI	1	SA	
DAC5	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA		MACON1	3708-001955	CONNECTOR-FPC/FFC/PIC;8P,1mm,ANGLE,	1	SA	
DAIC1	1002-001294	IC-D/A CONVERTER;PCM1742KE,24BIT,TS	1	SA		MC1	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DAL1	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115o	1	SA		MC10	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DAL2	3301-001495	BEAD-SMD;120ohm,2012,2500mA,TP,115o	1	SA		MC11	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DAR5	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,	1	SA		MC12	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DC1	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA		MC13	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DC10	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA		MC14	2203-000626	C-CER,CHIP;0.022nF,5%,50V,COG,1608	1	SA	
DC11	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA		MC15	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA	
DC12	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA		MC16	2203-000669	C-CER,CHIP;27nF,10%,25V,X7R,1608	1	SA	
DC13	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA		MC17	2203-000669	C-CER,CHIP;27nF,10%,25V,X7R,1608	1	SA	
DC2	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA		MC18	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA	
DC7	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA		MC19	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DC8	2402-000136	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3	1	SA		MC20	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DC9	2402-000136	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3	1	SA		MC21	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DD1	0403-001411	DIODE-ZENER;5.49-5.73V,200mW,SOD-32	1	SA		MC22	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DD2	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3	1	SA		MC23	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA	
DIC1	1003-001978	IC-MOTOR DRIVER;AM5766,HSOP28H,28P,	1	SA		MC24	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DIC2	1003-001508	IC-MOTOR DRIVER;FAN8082DTF,SOP,8P,2	1	SA		MC25	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR1	2007-000023	R-CHIP;120ohm,5%,1/8W,TP,2012	1	SA		MC26	2203-000332	C-CER,CHIP;0.012nF,5%,50V,COG,1608	1	SA	
DR10	2007-000503	R-CHIP;2.2ohm,5%,1/10W,TP,1608	1	SA		MC26A	2203-000332	C-CER,CHIP;0.012nF,5%,50V,COG,1608	1	SA	
DR11	2007-000503	R-CHIP;2.2ohm,5%,1/10W,TP,1608	1	SA		MC27	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR12	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA		MC28	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR13	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA		MC29	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR14	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA		MC30	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR15	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA		MC31	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR16	2007-000805	R-CHIP;36Kohm,5%,1/10W,TP,1608	1	SA		MC32	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR17	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	SA		MC33	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR18	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	SA		MC34	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR19	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA		MC35	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR19A	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA		MC36	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR19B	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA		MC37	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR2	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC38	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR20	2007-000130	R-CHIP;39Kohm,5%,1/10W,TP,1608	1	SA		MC39	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	SA	
DR21	2007-000805	R-CHIP;36Kohm,5%,1/10W,TP,1608	1	SA		MC4	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
DR22	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	SA		MC40	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA	
DR3	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC41	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA	
DR4	2011-001397	R-NETWORK;47Kohm,5%,1/16W,L,CHIP,8P	1	SA		MC42	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR1	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC43	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA	
EMR10	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC44	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR11	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC45	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA	
EMR12	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC46	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA	
EMR13	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC47	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR14	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC48	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR15	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC49	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR2	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC5	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR3	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC50	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR4	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC51	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2	1	SA	
EMR5	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC52	2203-005148	C-CER,CHIP;100nF,10%,16V,X7R,TP,160	1	SA	
EMR6	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		MC53	2203-000681	C-CER,CHIP;0.027nF,5%,50V,COG,1608	1	SA	





## Exploded View &amp; Part List

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
1SR91	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	SA		AAR13	2003-000587	R-METAL OXIDE(S):22ohm,5%,1W,AA,TP,	1	SA	
1SR92	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	SA		AAR15	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
1SR93	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	SA		AAR16	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
1SZ05	0403-001318	DIODE-ZENER:MTZJ4.3B,4.17-4.43V,500	1	SA		AAR18	2001-000780	R-CARBON:470ohm,5%,1/8W,AA,TP,1.8x3	1	SA	
1SZ90	0403-001062	DIODE-ZENER:UDZ4.7B,4.55-4.75V,200M	1	SA		AAR19	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
1ZD11	0403-000720	DIODE-ZENER:MTZJ9.1B,8.57-9.01V,500	1	SA		AAR1A	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608	1	SA	
AAC10	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1	SA		AAR2	2007-000312	R-CHIP:10ohm,5%,1/4W,TP,3216	1	SA	
AAC12	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012	1	SA		AAR20	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
AAC17	2203-000595	C-CER,CHIP:0.22nF,5%,50V,COG,2012	1	SA		AAR201	2007-000312	R-CHIP:10ohm,5%,1/4W,TP,3216	1	SA	
AAC18	2305-000407	C-FILM,LEAD-PEF:470nF,5%,100V,TP,10	1	SA		AAR202	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608	1	SA	
AAC18A	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1	SA		AAR203	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608	1	SA	
AAC19	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1	SA		AAR207	2007-000312	R-CHIP:10ohm,5%,1/4W,TP,3216	1	SA	
AAC20	2203-005221	C-CER,CHIP:15nF,10%,50V,X7R,1608	1	SA		AAR207A	2007-000033	R-CHIP:0ohm,5%,1/4W,TP,3216	1	SA	
AAC21	2203-005221	C-CER,CHIP:15nF,10%,50V,X7R,1608	1	SA		AAR209A	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1	SA	
AAC22A	2203-001386	C-CER,CHIP:100nF,10%,100V,X7R,TP,32	1	SA		AAR215	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
AAC23	2401-000230	C-AL:100uF,20%,100V,GP,TP,12.5x20mm	1	SA		AAR217	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
AAC24	2203-001386	C-CER,CHIP:100nF,10%,100V,X7R,TP,32	1	SA		AAR241	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
AAC25	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1	SA		AAR242	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
AAC26A	2203-005218	C-CER,CHIP:470nF,10%,50V,X7R,3216	1	SA		AAR243	2001-000034	R-CARBON:220ohm,5%,1/4W,AA,TP,2.4x6	1	SA	
AAC27	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1	SA		AAR244	2007-000312	R-CHIP:10ohm,5%,1/4W,TP,3216	1	SA	
AAC28	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012	1	SA		AAR2A	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	SA	
AAC30A	2203-001386	C-CER,CHIP:100nF,10%,100V,X7R,TP,32	1	SA		AAR2C	2007-000033	R-CHIP:0ohm,5%,1/4W,TP,3216	1	SA	
AAC313A	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1	SA		AAR3	2007-000312	R-CHIP:10ohm,5%,1/4W,TP,3216	1	SA	
AAC32	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1	SA		AAR4	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
AAC33	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1	SA		AAR5	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1	SA	
AAC34	2203-001386	C-CER,CHIP:100nF,10%,100V,X7R,TP,32	1	SA		AAR6	2003-000587	R-METAL OXIDE(S):22ohm,5%,1W,AA,TP,	1	SA	
AAC349	2203-000374	C-CER,CHIP:15nF,10%,50V,X7R,2012	1	SA		AAR7	2007-000312	R-CHIP:10ohm,5%,1/4W,TP,3216	1	SA	
AAC36	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1	SA		AARJ1	3716-001311	TERMINAL-BLOCK:TERMINAL JOINT,2P,4,	1	SA	
AAC37	2203-005221	C-CER,CHIP:15nF,10%,50V,X7R,1608	1	SA		ABB07	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1	SA	
AAC38	2203-005221	C-CER,CHIP:15nF,10%,50V,X7R,1608	1	SA		ABB08	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1	SA	
AAC39	2305-000407	C-FILM,LEAD-PEF:470nF,5%,100V,TP,10	1	SA		AC12	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
AAC39A	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1	SA		AC13	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
AAC40	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1	SA		AC14	2203-001596	C-CER,CHIP:2200nF,+80-20%,50V,Y5V,2	1	SA	
AAC41	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1	SA		AC15	2203-001596	C-CER,CHIP:2200nF,+80-20%,50V,Y5V,2	1	SA	
AAC42	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012	1	SA		AC16	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
AAC44	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1	SA		AC17	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
AAC45	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012	1	SA		AD1	0406-001128	DIODE-TVS:MLVS-0603-E08,50V	1	SA	
AAC46A	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		AD2	0406-001128	DIODE-TVS:MLVS-0603-E08,50V	1	SA	
AAC46B	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		AD3	0406-001128	DIODE-TVS:MLVS-0603-E08,50V	1	SA	
AAC47	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1	SA		AMP-HODER	AH61-02547A	BRACKET-IC:MAX-DA50,SECC,T0.6,W12.6	1	SA	
AAC50	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		AR10	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1	SA	
AAC6	2401-003069	C-AL:470uF,20%,50V,WT,TP,10x20mm,5	1	SA		AR11	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	1	SA	
AAC7	2401-003069	C-AL:470uF,20%,50V,WT,TP,10x20mm,5	1	SA		AR12	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	1	SA	
AAC8	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012	1	SA		AR13	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP,1.8x3.	1	SA	
AAC9A	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		AR14	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	SA	
AAC9B	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		AR15	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608	1	SA	
AADZ75	0403-000509	DIODE-ZENER:MTZJ5.6B,5.4-5.7V,500mW	1	SA		AR16	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608	1	SA	
AAIC1	1201-002858	IC-AUDIO AMP:TDA8920CJ,SOT411-1,23P	1	SA		AR6	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608	1	SA	
AAL1	AH27-00067A	COIL FILTER:MAX-DA75,22.4uH,50m Ohm	1	SA		AR7	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1	SA	
AAL2	AH27-00067A	COIL FILTER:MAX-DA75,22.4uH,50m Ohm	1	SA		AR8	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1	SA	
AAL3	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1	SA		AR9	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1	SA	
AAL4	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1	SA		BR105	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608	1	SA	
AAQ1	0504-000152	TR-DIGITAL:KSR2101,PNP,200mW,4.7K/4	1	SA		BR106	2007-000100	R-CHIP:68Kohm,5%,1/10W,TP,1608	1	SA	
AAQ2	0504-000117	TR-DIGITAL:FJN3302RTA,NPN,300mW,10K	1	SA		BR107	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608	1	SA	
AAQ2A	0504-000117	TR-DIGITAL:FJN3302RTA,NPN,300mW,10K	1	SA		BR108	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1	SA	
AAQ3	0504-000117	TR-DIGITAL:FJN3302RTA,NPN,300mW,10K	1	SA		C1P102	2203-001537	C-CER,CHIP:1nF,10%,50V,X7R,TP,2012	1	SA	
AAR1	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608	1	SA		C1P103	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,201	1	SA	
AAR11	2007-000312	R-CHIP:10ohm,5%,1/4W,TP,3216	1	SA		C1P104	2401-003069	C-AL:470uF,20%,50V,WT,TP,10x20mm,5	1	SA	
						C1P105	2401-001923	C-AL:2200uF,20%,16V,GP,BK,12.5x16,5	1	SA	

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
C1P106	2401-000970	C-AL:22uF,20%,50V,WT,TP,5x11,5	1	SA		D1P110	0402-000309	DIODE-RECTIFIER;1SR154-400,400V,1A,	1	SA	
C1P107	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,201	1	SA		D1S32	0402-001889	DIODE-RECTIFIER;SFAF804G,200V,8A,IT	1	SA	
C1P108	2401-000048	C-AL:47uF,20%,25V,GP,TP,5x11,5	1	SA		D1S34	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA	
C1P109	2401-000118	C-AL:1000uF,20%,10V,GP,TP,10x12.5,5	1	SA		D1S35	0402-001889	DIODE-RECTIFIER;SFAF804G,200V,8A,IT	1	SA	
C1P110	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,201	1	SA		D1S36	0403-001158	DIODE-ZENER:MTZJ18C,17.42-18.33V,50	1	SA	
C1P111	2401-000804	C-AL:220uF,20%,16V,GP,TP,8x9mm,5	1	SA		DCN1	3708-001761	CONNECTOR-FPC/FFC/PIC;28P,1mm,STRAI	1	SA	
C1P112	2203-002793	C-CER,CHIP:1000nF,+80-20%,25V,Y5V,2	1	SA		DCN2	3708-000411	CONNECTOR-FPC/FFC/PIC;12P,1.25mm,ST	1	SA	
C1P112A	2203-002793	C-CER,CHIP:1000nF,+80-20%,25V,Y5V,2	1	SA		DUMY1	3722-002622	JACK-PIN:2P,NI,WHT/RED,ANGLE	1	SA	
C1P113	2203-001537	C-CER,CHIP:1nF,10%,50V,X7R,TP,2012	1	SA		DVR11	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1	SA	
C1P114	2203-001537	C-CER,CHIP:1nF,10%,50V,X7R,TP,2012	1	SA		DVR12	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1	SA	
C1P115	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,201	1	SA		EARTH-PCB	AH63-01844A	EARTH-HT-Z320,C2680R-1/2H,0,5,NO	1	SA	
C1P116	2203-006361	C-CER,CHIP:1000nF,10%,10V,X5R,TP,2	1	SA		EC1	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
C1P117	2401-000118	C-AL:1000uF,20%,10V,GP,TP,10x12.5,5	1	SA		EC3	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA	
C1P118	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA		EC4	2401-001324	C-AL:0.47uF,20%,50V,GP,BK,3X5,2,5	1	SA	
C1P119	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	1	SA		ED01	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA	
C1P120	2401-001355	C-AL:470uF,20%,10V,GP,TP,8x11.5mm,5	1	SA		EIC1	1204-003018	IC-VOLUME/TONE CONT.;LC75106V,SSOP,	1	SA	
C1P121	2401-000048	C-AL:47uF,20%,25V,GP,TP,5x11,5	1	SA		EMC10	2401-000487	C-AL:10uF,20%,50V,GP,TP,6.3x5mm,5	1	SA	
C1P122	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,201	1	SA		EQ1	0501-002409	TR-SMALL SIGNAL;KTC945B,NPN,625mW,T	1	SA	
C1P123	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1	SA		ER34	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608	1	SA	
C1P124	2203-000189	C-CER,CHIP:100nF,+80-20%,25V,Y5V,16	1	SA		ER35	2007-000098	R-CHIP:56Kohm,5%,1/10W,TP,1608	1	SA	
C1P125	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		ER36	2007-000103	R-CHIP:120Kohm,5%,1/10W,TP,1608	1	SA	
C1P126	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		ER37	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608	1	SA	
C1P127	2401-000048	C-AL:47uF,20%,25V,GP,TP,5x11,5	1	SA		ER38	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	SA	
C1P128	2401-000048	C-AL:47uF,20%,25V,GP,TP,5x11,5	1	SA		ER39	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608	1	SA	
C1S30	2401-001067	C-AL:330uF,20%,42V,GP,18x35.5mm,7.	1	SA		ER40	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608	1	SA	
C1S32	2401-003850	C-AL:1000UF,20%,50V,WT,TP,12.5 X 25	1	SA		FC1	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1	SA	
C1S32A	2203-002392	C-CER,CHIP:220nF,+80-20%,50V,Y5V,20	1	SA		FC10	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.	1	SA	
C1S33	2401-001067	C-AL:330uF,20%,42V,GP,18x35.5mm,7.	1	SA		FC11	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.	1	SA	
C1S35	2401-003850	C-AL:1000UF,20%,50V,WT,TP,12.5 X 25	1	SA		FC12	2301-000469	C-FILM,LEAD-PEF;68nF,10%,50V,TP,10x	1	SA	
C1S36	2201-000129	C-CERAMIC,DISC;0.1nF,10%,1000V,Y5P,	1	SA		FC13	2301-000469	C-FILM,LEAD-PEF;68nF,10%,50V,TP,10x	1	SA	
C1S37	2401-000759	C-AL:220nF,20%,50V,GP,TP,5x11mm,5mm	1	SA		FC14	2301-000469	C-FILM,LEAD-PEF;68nF,10%,50V,TP,10x	1	SA	
C1S44	2203-002392	C-CER,CHIP:220nF,+80-20%,50V,Y5V,20	1	SA		FC15	2301-000469	C-FILM,LEAD-PEF;68nF,10%,50V,TP,10x	1	SA	
C1S45	2203-002392	C-CER,CHIP:220nF,+80-20%,50V,Y5V,20	1	SA		FC18	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
C1S45A	2203-002392	C-CER,CHIP:220nF,+80-20%,50V,Y5V,20	1	SA		FC18A	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
C1S46	2203-002392	C-CER,CHIP:220nF,+80-20%,50V,Y5V,20	1	SA		FC19	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
C1S46A	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA		FC19A	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
C1S47	2203-002392	C-CER,CHIP:220nF,+80-20%,50V,Y5V,20	1	SA		FC20	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA	
C1S47A	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA		FC21	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA	
CC5	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA		FC22	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
CD1	1203-001697	IC-POSI.FIXED REG.;78R08,TO-220,4P,	1	SA		FC23	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
CO1	0504-000152	TR-DIGITAL;KSR2101,PNP,200mW,4.7K/4	1	SA		FC26	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA	
CO2	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,S	1	SA		FC27	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1	SA	
CO3	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,S	1	SA		FC28	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1	SA	
CR1	2001-000411	R-CARBON;18Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		FC5	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1	SA	
CR2	2001-000411	R-CARBON;18Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		FC7	2203-005065	C-CER,CHIP:1000nF,+80-20%,10V,Y5V,1	1	SA	
CR3	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608	1	SA		FC8	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
CR4	2007-000458	R-CHIP:18Kohm,5%,1/10W,TP,1608	1	SA		FC9	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
CR5	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608	1	SA		FCN1	3708-001577	CONNECTOR-FPC/FFC/PIC;30P,1.25mm,ST	1	SA	
CR6	2007-000458	R-CHIP:18Kohm,5%,1/10W,TP,1608	1	SA		FIC1	1204-002518	IC-VOLUME/TONE CONT.;R2S15904SP,SOP	1	SA	
CR7	2001-000591	R-CARBON;3.3Kohm,5%,1/8W,AA,TP,1.8x	1	SA		FL001	2701-000002	INDUCTOR-AXIAL;100UH,10%,4298	1	SA	
D1P101	0402-000268	DIODE-RECTIFIER;SB360,60V,3A,DO-201	1	SA		FR11	2001-000117	R-CARBON(S);68ohm,5%,1/2W,AA,TP,2.4	1	SA	
D1P102	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA		FR28	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608	1	SA	
D1P104	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO	1	SA		FZD1	0403-000720	DIODE-ZENER:MTZJ9.1B,8.57-9.01V,500	1	SA	
D1P105	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA		H/S-AMP	AH62-00197A	HEAT SINK-MAIN-AL,MAX-G55,26,51	1	SA	
D1P106	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA		H/S-D1S32	AH62-00194B	HEAT SINK-MAX-G55,AL,3,35,15,EXP,10	1	SA	
D1P107	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA		H/S-D1S35	AH62-00194B	HEAT SINK-MAX-G55,AL,3,35,15,EXP,10	1	SA	
D1P108	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA		H/S-IC1P101	AH62-00194B	HEAT SINK-MAX-G55,AL,3,35,15,EXP,10	1	SA	
D1P109	0402-000309	DIODE-RECTIFIER;1SR154-400,400V,1A,	1	SA		H/S-IC1P102	AH62-00194B	HEAT SINK-MAX-G55,AL,3,35,15,EXP,10	1	SA	



Exploded View & Part List

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
H/S-Q1S02	AH62-30122F	HEAT SINK;MAX-G55,AL,3,35,24,EXP,14	1		SA						
HC1	2401-000048	C-AL:47uF,20%,25V,GP,TP,5x11,5	1		SA	JW121	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HC11	2203-006890	C-CER,CHIP:10000nF,20%,6.3V,X5R,160	1		SA	JW125	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HC2	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1		SA	JW126	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW127	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HC3	2401-000048	C-AL:47uF,20%,25V,GP,TP,5x11,5	1		SA	JW128	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HC4	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1		SA						
HC5	2401-001102	C-AL:330uF,20%,16V,GP,TP,8x11.5mm,5	1		SA	JW129	2007-000029	R-CHIP:0ohm,5%,1/8W,TP,2012	1		SA
HC6	2401-001102	C-AL:330uF,20%,16V,GP,TP,8x11.5mm,5	1		SA	JW130	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HC7	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1		SA	JW131	2007-000029	R-CHIP:0ohm,5%,1/8W,TP,2012	1		SA
						JW133	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HC8	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1		SA	JW134	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HIC1	1201-001285	IC-OP AMP:4556,SOP,8P,150MIL,+/-18V	1		SA						
HODER-SCREW	AH61-02945A	HOLDER-SCREW;MAX-G55,ABS,7,4,BLACK,	1		SA	JW135	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HQ1	0501-002375	TR-SMALL SIGNAL:KTC8050,NPN,625MW,T	1		SA	JW136	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HQ2	0501-002375	TR-SMALL SIGNAL:KTC8050,NPN,625MW,T	1		SA	JW137	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW138	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA
HQ4	0504-000152	TR-DIGITAL:KSR2101,PNP,200mW,4.7K/4	1		SA	JW139	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR1	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1		SA						
HR10	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA	JW140	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR11	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA	JW141	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR12	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA	JW142	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW143	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR14	2001-001138	R-CARBON(S):390ohm,5%,1/2W,AA,TP,2.	1		SA	JW144	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR2	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1		SA						
HR21	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP,1.8x3.	1		SA	JW145	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR3	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1		SA	JW146	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR4	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1		SA	JW147	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW148	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW149	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR5	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA						
HR6	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA						
HR7	2001-001138	R-CARBON(S):390ohm,5%,1/2W,AA,TP,2.	1		SA	JW150	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
HR9	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA	JW151	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
IC_SHIELD	AH73-00131A	RUBBER-SILICON;MAX-DA55,GAP PAD 150	1		SA	JW152	2007-000029	R-CHIP:0ohm,5%,1/8W,TP,2012	1		SA
						JW153	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW154	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
IC1P101	1203-004564	IC-DC/DC CONVERTER:AP1501A,TO-220(R	1		SA						
IC1P102	1203-000276	IC-POS.I.FIXED REG.:7805,TO-220,3P,P	1		SA						
IC1P103	1203-005188	IC-DC/DC CONVERTER:AOZ1021AIL,SOP,8	1		SA	JW155	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
IC1P104	1203-001589	IC-POS.I.FIXED REG.:278R05,TO-220F,4	1		SA	JW156	2007-000033	R-CHIP:0ohm,5%,1/4W,TP,3216	1		SA
JC10	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	JW157	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW158	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JC11	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	JW159	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JC12	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA						
JC13	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1		SA	JW161	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JC7	2203-001607	C-CER,CHIP:0.22nF,5%,50V,NP0,1608	1		SA	JW162	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JC8	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	JW163	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW164	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JR11	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	1		SA	JW166	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JR4	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1		SA						
JR5	2007-000309	R-CHIP:10ohm,5%,1/10W,TP,1608	1		SA	JW167	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JR9	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA	JW168	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW100	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW169	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW170	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW101	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW172	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW103	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA						
JW104	2007-000029	R-CHIP:0ohm,5%,1/8W,TP,2012	1		SA	JW173	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW105	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW174	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW106	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW175	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW176	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW107	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW177	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW109	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA						
JW110	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW179	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW113	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW180	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW114	2007-000029	R-CHIP:0ohm,5%,1/8W,TP,2012	1		SA	JW181	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
						JW182	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW115	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW183	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW116	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA						
JW117	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW184	2007-000033	R-CHIP:0ohm,5%,1/4W,TP,3216	1		SA
JW118	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW185	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW119	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	JW186	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA



Exploded View & Part List

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
JW972	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MC8	2401-001508	C-AL:47uF,20%,16V,GP,TP,6.3x5,5	1		SA
JW976	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MC9	2203-001063	C-CER,CHIP:56nF,10%,16V,X7R,TP,1608	1		SA
JW977	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MC9A	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA
JW978	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MD21	0402-000151	DIODE-RECTIFIER:1N5392,100V,1.5A,DO	1		SA
JW981	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MD23	0402-000151	DIODE-RECTIFIER:1N5392,100V,1.5A,DO	1		SA
JW983	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MJ1	3722-000363	JACK-PHONE:9PAU,BLK,ANGLE	1		SA
JW985	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MJW51	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA
JW986	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA	MMD1	0401-001090	DIODE-SWITCHING:1SS355,80V,100MA,SO	1		SA
JW987	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA	MMD2	0401-001090	DIODE-SWITCHING:1SS355,80V,100MA,SO	1		SA
JW988	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MPO2	0501-002176	TR-SMALL SIGNAL:KTD863,NPN,1W,TO-92	1		SA
JW989	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MPO20	0501-000422	TR-SMALL SIGNAL:KTA1273,PNP,-30V,-3	1		SA
JW990	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MPO21	0504-000152	TR-DIGITAL:KSR2101,PNP,200mW,4.7K/4	1		SA
JW991	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MPO22	0504-000117	TR-DIGITAL:FJN3302RTA,NPN,300MW,10K	1		SA
JW992	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MPO3	0504-001128	TR-DIGITAL:KRA103M,PNP,400MW,22K/22	1		SA
JW993	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MPR2	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	1		SA
JW994	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MPR20	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608	1		SA
L1P101	AH27-00062A	COIL FILTER:HXD77,22.8uH,55mOHM,19,	1		SA	MPR3	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA
L1P103	AH27-00055A	COIL CHOKE:DBF-1310A,HT-DS600,10uH,	1		SA	MPR4	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1		SA
L1P104	AH27-10001F	COIL-CHOKE:K,Q30,0.65,DR(6.5*7.5),2	1		SA	MR10A	2007-000093	R-CHIP:20Kohm,5%,1/10W,TP,1608	1		SA
L1P104A	AH27-10001F	COIL-CHOKE:K,Q30,0.65,DR(6.5*7.5),2	1		SA	MR14	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608	1		SA
L1P105	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA	MR14A	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA
L1P106	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA	MR3	2007-000134	R-CHIP:33Kohm,5%,1/10W,TP,1608	1		SA
L1P107	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA	MR6	2001-000027	R-CARBON:100ohm,5%,1/4W,AA,TP,2.4x6	1		SA
L1P108	AH27-10001F	COIL-CHOKE:K,Q30,0.65,DR(6.5*7.5),2	1		SA	MR7	2007-000799	R-CHIP:360ohm,5%,1/10W,TP,1608	1		SA
L1P109	3811-001868	WIRE-NO SHEATH CU:SnCuFe,52mm,GRY	1		SA	MR7A	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
L1S30	AC27-92001M	COIL-INDUCTOR:RH3.5x6.5RS,BEAD(RADI	1		SA	MR8	2007-000130	R-CHIP:39Kohm,5%,1/10W,TP,1608	1		SA
L1S31	AC27-92001M	COIL-INDUCTOR:RH3.5x6.5RS,BEAD(RADI	1		SA	MR8R	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	1		SA
LC01	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	MR9	2007-000455	R-CHIP:18Kohm,1%,1/10W,TP,1608	1		SA
LC02	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	1		SA	MREG1	1203-001006	IC-POS.FIXED REG.:78R05,TO-220F,4P	1		SA
LD1	0401-000005	DIODE-SWITCHING:1N4148,75V,150mA,DO	1		SNA	MVR1	2101-001068	VR-ROTARY:10KB,1/20W,SIDE	1		SA
MAIN PCB	AH41-01216A	PCB-MAIN:MAX-DG55,KH,1,0,T1.6,247*3	1		SNA	MZD1	0403-000149	DIODE-ZENER:1N4742A,5%,1000MW,DO-41	1		SA
MB001	3301-001495	BEAD-SMD:120ohm,2012,2500mA,TP,115o	1		SA	MZD1A	0403-000720	DIODE-ZENER:MTZJ9.1B,8.57-9.01V,500	1		SA
MC1	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	PC1	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1		SA
MC13	2401-001415	C-AL:470uF,20%,35V,GP,TP,10x20,5	1		SA	PC13	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1		SA
MC13A	2203-001063	C-CER,CHIP:56nF,10%,16V,X7R,TP,1608	1		SA	PC43	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1		SA
MC14	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	PC53	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1		SA
MC15	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1		SA	PC550	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1		SA
MC15A	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1		SA	PC551	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1		SA
MC16	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1		SA	PC552	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA
MC17	2203-001126	C-CER,CHIP:0.68nF,10%,50V,X7R,1608	1		SA	PC553	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA
MC17A	2203-001126	C-CER,CHIP:0.68nF,10%,50V,X7R,1608	1		SA	PC554	2203-002392	C-CER,CHIP:220nF,+80-20%,50V,Y5V,20	1		SA
MC18	2203-001063	C-CER,CHIP:56nF,10%,16V,X7R,TP,1608	1		SA	PC555	2401-001364	C-AL:470uF,20%,16V,GP,TP,10x12,5,5	1		SA
MC19	2401-001415	C-AL:470uF,20%,35V,GP,TP,10x20,5	1		SA	PC57	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	1		SA
MC2	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1		SA	PC58	2401-001625	C-AL:6.8uF,20%,50V,GP,TP,5x11,5	1		SA
MC20	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1		SA	PC67A	2203-000260	C-CER,CHIP:10nF,10%,50V,X7R,2012	1		SA
MC20A	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	PQ43	0501-000422	TR-SMALL SIGNAL:KTA1273,PNP,-30V,-3	1		SA
MC21	2401-000598	C-AL:1uF,20%,50V,GP,TP,4x7,5	1		SA	PQ44	0501-002409	TR-SMALL SIGNAL:KTC945B,NPN,625mW,T	1		SA
MC22L	2203-001596	C-CER,CHIP:2200nF,+80-20%,50V,Y5V,2	1		SA	PR15	2001-001107	R-CARBON(S):220ohm,5%,1/2W,AA,TP,2.	1		SA
MC22R	2203-001596	C-CER,CHIP:2200nF,+80-20%,50V,Y5V,2	1		SA	PR32	2007-000132	R-CHIP:180Kohm,5%,1/10W,TP,1608	1		SA
MC24	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	PR33	2007-000132	R-CHIP:180Kohm,5%,1/10W,TP,1608	1		SA
MC25	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1		SA	PR40	2007-000094	R-CHIP:22Kohm,5%,1/10W,TP,1608	1		SA
MC26	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1		SA	PR41	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA
MC27	2203-000888	C-CER,CHIP:4.7nF,10%,50V,X7R,TP,160	1		SA	PR42	2007-000134	R-CHIP:33Kohm,5%,1/10W,TP,1608	1		SA
MC3	2203-000888	C-CER,CHIP:4.7nF,10%,50V,X7R,TP,160	1		SA	PR48	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608	1		SA
MC30	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1		SA	PR49	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1		SA
MC5	2203-001126	C-CER,CHIP:0.68nF,10%,50V,X7R,1608	1		SA	PR4A	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	1		SA
MC6	2203-001126	C-CER,CHIP:0.68nF,10%,50V,X7R,1608	1		SA	PR4B	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA
MC7	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	1		SA	PR50	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1		SA



Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
PR51	2001-000522	R-CARBON:22Kohm,5%,1/8W,AA,TP,1.8x3	1		SA	TC21	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	1		SA
PR52	2001-000449	R-CARBON:2.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA	TC6	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,1608	1		SA
PR53	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA	TC8	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1		SA
PR54	2001-000429	R-CARBON:1Kohm,5%,1/8W,AA,TP,1.8x3.	1		SA	TC9	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1		SA
PT01	AH26-00362A	TRANS SWITCHING;EER-3541,MAX-DG56,1	1		SA	TL01	2701-000298	INDUCTOR-AXIAL:470uH,10%,4298	1		SA
PT02	AH26-00357A	TRANS SWITCHING;E1312,HT-Z320,12V,P	1		SA	TQ11A	0501-002176	TR-SMALL SIGNAL:KTD863,NPN,1W,TO-92	1		SA
PZD10	0403-000355	DIODE-ZENER;UZ5.1BSB,5-5.2V,500MW,D	1		SA	TR1	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	1		SA
Q1P108	0501-002409	TR-SMALL SIGNAL:KTC945B,NPN,625mW,T	1		SA	TR10	2007-000129	R-CHIP:27Kohm,5%,1/10W,TP,1608	1		SA
Q1P110	0504-000152	TR-DIGITAL;KSR2101,PNP,200mW,4.7K/4	1		SA	TR10A	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1		SA
Q1P111	0501-002409	TR-SMALL SIGNAL:KTC945B,NPN,625mW,T	1		SA	TR11	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	1		SA
Q1P112	0501-000010	TR-SMALL SIGNAL:2SC1008,NPN,800mW,T	1		SA	TR12	2007-000129	R-CHIP:27Kohm,5%,1/10W,TP,1608	1		SA
Q1P113	0501-000010	TR-SMALL SIGNAL:2SC1008,NPN,800mW,T	1		SA	TR2	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	1		SA
Q1P114	0501-002409	TR-SMALL SIGNAL:KTC945B,NPN,625mW,T	1		SA	TR4	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	1		SA
Q1P115	0501-000303	TR-SMALL SIGNAL:KSA733,PNP,250mW,TO	1		SA	TR5	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	1		SA
Q1S02	0505-001981	FET-SILICON;SPA11N80C3,N,800V,11A,0	1		SA	TR6	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	1		SA
Q1S90	0501-000341	TR-SMALL SIGNAL:KSC1623-L,NPN,200mW	1		SA	TR9	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	1		SA
R1P104	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	1		SA	TUNER	AH40-00152A	TUNER-MODULE;KST-MW104FV1-S58,MAX-D	1		SA
R1P105	2007-000125	R-CHIP:3.9Kohm,5%,1/10W,TP,1608	1		SA	TZD001	0403-000509	DIODE-ZENER;MTZJ5.6B,5.4-5.7V,500mW	1		SA
R1P106	2007-000683	R-CHIP:3.3Kohm,1%,1/10W,TP,1608	1		SA	UBD01	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA
R1P107	2007-000067	R-CHIP:15Kohm,1%,1/10W,TP,1608	1		SA	UBD02	3301-000297	BEAD-AXIAL:25ohm,3.6x1.2x5.7mm,-,TP	1		SA
R1P109	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UC1	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1		SA
R1P109A	2003-000468	R-METAL OXIDE(S);10ohm,5%,1W,AA,TP,	1		SA	UC10	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm	1		SA
R1P110	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA	UC11	2409-000123	C-EDL:47000uF,4uA,5.5V,-,BK,-,5mm	1		SA
R1P111	2007-000093	R-CHIP:20Kohm,5%,1/10W,TP,1608	1		SA	UC16	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11.5	1		SA
R1P112	2007-000052	R-CHIP:10Kohm,1%,1/10W,TP,1608	1		SA	UC17	2203-002793	C-CER,CHIP:1000nF,+80-20%,25V,Y5V,2	1		SA
R1P113	2007-000869	R-CHIP:4.7Kohm,1%,1/10W,TP,1608	1		SA	UC17A	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11.5	1		SA
R1P114	2007-000651	R-CHIP:27Kohm,1%,1/10W,TP,1608	1		SA	UC1A	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1		SA
R1P115	2007-000086	R-CHIP:5.6Kohm,5%,1/10W,TP,1608	1		SA	UC2	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1		SA
R1P116	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1		SA	UC20	2203-000626	C-CER,CHIP:0.022nF,5%,50V,COG,1608	1		SA
R1P132	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608	1		SA	UC201	2203-001537	C-CER,CHIP:1nF,10%,50V,X7R,TP,2012	1		SA
R1P133	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA	UC2A	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1		SA
R1P135	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	1		SA	UC2C	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1		SA
R1P136	2007-000468	R-CHIP:1Kohm,5%,1/8W,TP,2012	1		SA	UC3A	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1		SA
R1P143	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1		SA	UC41	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1		SA
R1P143A	2007-000869	R-CHIP:4.7Kohm,1%,1/10W,TP,1608	1		SA	UC8	2203-000626	C-CER,CHIP:0.022nF,5%,50V,COG,1608	1		SA
R1P144	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608	1		SA	UC9	2401-001931	C-AL:0.22uF,20%,50V,TP,4x7mm,5mm	1		SA
R1S01	2002-001115	R-COMPOSITION:1.5Mohm,5%,1/2W,AA,TP	1		SA	UD19	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
R1S33	2001-000613	R-CARBON:3.9Kohm,5%,1/8W,AA,TP,1.8x	1		SA	UD19C	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
R1S34	2001-000241	R-CARBON:1.5Kohm,5%,1/8W,AA,TP,1.8x	1		SA	UD23	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
R1S35	2007-000683	R-CHIP:3.3Kohm,1%,1/10W,TP,1608	1		SA	UD24	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
R1S36	2007-000491	R-CHIP:2.2Kohm,1%,1/10W,TP,1608	1		SA	UD25	0401-001090	DIODE-SWITCHING;1SS355,80V,100MA,SO	1		SA
R1S37	2007-000940	R-CHIP:47Kohm,1%,1/4W,TP,3216	1		SA	UD25A	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
R1S38	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1		SA	UD26	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
RC09A	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1		SA	UD27	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
RC09B	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1		SA	UIC1	0903-001565	IC-MICROCONTROLLER;LC87F5NC8AVU,QFP	1		SA
RC10	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1		SA	UQ1	0501-000341	TR-SMALL SIGNAL:KSC1623-L,NPN,200mW	1		SA
RC10A	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1		SA	UR0	2001-000281	R-CARBON:100ohm,5%,1/8W,AA,TP,1.8x3	1		SA
RC10B	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1		SA	UR110	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
RC9	2203-000979	C-CER,CHIP:47nF,10%,50V,X7R,TP,2012	1		SA	UR111	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
SCREW	6003-001375	SCREW-TAPTYPE;BH,+,-,B,M3,L8,ZPC(WH	8		SNA	UR112	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
SNC1	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1		SA	UR113	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
SNC2	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1		SA	UR120	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
SNC3	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1		SA	UR125	2007-000092	R-CHIP:15Kohm,5%,1/10W,TP,1608	1		SA
SNR1	2007-000502	R-CHIP:2.2ohm,5%,1/8W,TP,2012	1		SA	UR130	2007-000075	R-CHIP:220ohm,5%,1/10W,TP,1608	1		SA
SNR2	2007-000502	R-CHIP:2.2ohm,5%,1/8W,TP,2012	1		SA	UR135	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
SNR3	2007-000502	R-CHIP:2.2ohm,5%,1/8W,TP,2012	1		SA	UR136	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
TC1	2401-001355	C-AL:470uF,20%,10V,GP,TP,8x11.5mm,5	1		SA	UR137	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	1		SA
TC20	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA	UR167	2001-000290	R-CARBON:10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
TC20A	2203-005148	C-CER,CHIP:100nF,10%,16V,X7R,TP,160	1		SA						

Exploded View & Part List

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
UR168	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		ZD1S30	0403-000390	DIODE-ZENER;UZP33B,1N4752A,31.4-34.	1	SA	
UR171	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		AH99-00343A	ASSY AUTO INSERT;MAX-G55,MAX-G55,MA	1	SNA		
UR172	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		<b>PCB-FRONT</b>	<b>AH92-03024A ASSY PCB FRONT;MINI-DVD/CD,MAX-DG55</b>	<b>1</b>	<b>SA</b>		
UR173	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		1ZD12	0403-000344	DIODE-ZENER;UZ3.9B,3.7-4.1V,500MW,D	1	SA	
UR175	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		AC1	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
UR176	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		AC16A	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
UR179	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		AC17A	2401-000651	C-AL:2.2uF,20%,50V,GP,TP,4x7,5	1	SA	
UR182	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA		AC2	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
UR182A	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA		AC3	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
UR183	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA		AC4	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
UR184	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		AJ2	3722-001588	JACK-PHONE;7P,AG,BLK,STRAIGHT	1	SA	
UR185	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		AR1	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA	
UR201	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		AR2	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA	
UR207	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		C19	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,5	1	SA	
UR208	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		C1P129	2401-000970	C-AL:22uF,20%,50V,WT,TP,5x11,5	1	SA	
UR209	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		C1P130	2401-000042	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	1	SA	
UR210	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		C20	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1	SA	
UR211	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		C21	2401-000487	C-AL:10uF,20%,50V,GP,TP,6.3x5mm,5	1	SA	
UR213	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA		C23	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,5	1	SA	
UR213A	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA		C26	2202-002055	C-CERAMIC,MLC-AXIAL;47nF,+80-20%,50	1	SA	
UR215	2004-000459	R-METAL;2.2Kohm,1%,1/8W,AA,TP,1.8x3	1	SA		C27	2401-000487	C-AL:10uF,20%,50V,GP,TP,6.3x5mm,5	1	SA	
UR216	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		C29	2401-001952	C-AL:4.7uF,20%,50V,GP,TP,5x7mm,5mm	1	SA	
UR217	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA		C31	2203-000062	C-CER,CHIP:47nF,+80-20%,50V,Y5V,160	1	SA	
UR218	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		C34	2401-000487	C-AL:10uF,20%,50V,GP,TP,6.3x5mm,5	1	SA	
UR225	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		D4	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA	
UR226	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA		EC1	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
UR228	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		EC2	2203-005194	C-CER,CHIP:0.22nF,10%,50V,X7R,1608	1	SA	
UR229	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA		ED1	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA	
UR230	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA		ED2	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA	
UR231	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA		ED3	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA	
UR232	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		ED4	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1	SNA	
UR235	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		FRONT PCB	AH41-01215A	PCB-FRONT;MAX-DG55,KH,1,0,T,1.6,168*	1	SNA	
UR29	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		HJ1	3722-001588	JACK-PHONE;7P,AG,BLK,STRAIGHT	1	SA	
UR30	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		HJC1	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA	
UR32A	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA		HJC2	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA	
UR33	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		HJC3	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA	
UR37A	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		HJC4	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA	
UR41	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		HJL1	2703-000275	INDUCTOR-SMD;33UH,10%,2012	1	SA	
UR47	2007-001026	R-CHIP;560Kohm,5%,1/10W,TP,1608	1	SA		HJL2	2703-000275	INDUCTOR-SMD;33UH,10%,2012	1	SA	
UR53	2007-000305	R-CHIP;10Mohm,5%,1/10W,TP,1608	1	SA		IC1	1003-002129	IC-VFD;PT6315A,LQFP,44P,10x10mm,-40	1	SA	
UR55A	2001-000734	R-CARBON;4.7Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		JC13	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1	SA	
UR58	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SA		JC9	2203-005249	C-CER,CHIP:100nF,10%,50V,X7R,TP,160	1	SA	
UR66	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA		JW1	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	1	SA	
UR67A	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA		JW100	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
UR70A	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		JW101	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
UR91	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1	SA		JW102	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
UR92	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1	SA		JW103	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
USC1	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,5	1	SA		JW104	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
USC2	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,1608	1	SA		JW105	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
USJ1	3722-001051	JACK-USB;4P/1C,AU,BLK,ANGLE,A TYPE	1	SA		JW106	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
UX2	2802-001174	RESONATOR-CERAMIC;10MHZ,0.5%,BK,8X3	1	SA		JW107	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
VA1S01	1405-000186	VARIATOR;470V,2500A,17.5x7.5mm,TP	1	SA		JW108	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
VC44	2203-000280	C-CER,CHIP:0.01nF,0.5pF,50V,COG,160	1	SA		JW110	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
VR4	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA		JW111	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
VR53	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA		JW112	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
VR54	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA		JW113	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
VR55	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA		JW114	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1	SA	
X-TAL1	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AA	1	SA							

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
JW115	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	SHEET_VFD	AH63-01861B	SHEET-VFD;MAX-G55,PC,0.5,32.5,79,ma	1		SA
JW116	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UC22	2401-000042	C-AL;100uF,20%,16V,GP,TP,6.3x7.5	1		SA
JW117	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UC24	2401-000487	C-AL;10uF,20%,50V,GP,TP,6.3x5mm,5	1		SA
JW118	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UC25	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,5	1		SA
JW119	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UC28	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,5	1		SA
JW121	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UCW1	3708-001577	CONNECTOR-FPC/FFC/PIC;30P,1.25mm,ST	1		SA
JW122	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UCW4	AH39-01045A	WIRE HARNESS;MAX-DG56,2pin,#1 Black	1		SA
JW123	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UCW5	3711-000820	HEADER-BOARD TO CABLE;BOX,2P,1R,2.5	1		SA
JW125	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UD6	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA
JW126	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UD7	0403-000720	DIODE-ZENER;MTZJ9.1B,8.57-9.01V,500	1		SA
JW47	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA	UIC2	0609-001352	MODULE REMOCON;HORIZONTAL,20mm,TR	1		SA
LED1	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UJW200	3811-001868	WIRE-NO SHEATH CU;SnCuFe,52mm,GRY	1		SA
LED10	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UQ2	0501-002409	TR-SMALL SIGNAL;KTC945B,NPN,625mW,T	1		SA
LED11	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UQ3	0501-002409	TR-SMALL SIGNAL;KTC945B,NPN,625mW,T	1		SA
LED12	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UQ4	0501-002409	TR-SMALL SIGNAL;KTC945B,NPN,625mW,T	1		SA
LED13	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UQ5	0501-002409	TR-SMALL SIGNAL;KTC945B,NPN,625mW,T	1		SA
LED14	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR40	2001-000995	R-CARBON;820ohm,5%,1/8W,AA,TP,1.8x3	1		SA
LED15	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR41	2001-000995	R-CARBON;820ohm,5%,1/8W,AA,TP,1.8x3	1		SA
LED16	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR42	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.	1		SA
LED17	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR43	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.	1		SA
LED18	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR44	2001-000221	R-CARBON;1.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED19	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR45	2001-000221	R-CARBON;1.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED2	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR46	2001-000241	R-CARBON;1.5Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED20	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR47	2001-000258	R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED21	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR48	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED22	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR49	2001-000591	R-CARBON;3.3Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED23	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR52	2001-000241	R-CARBON;1.5Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED24	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR53	2001-000258	R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED25	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR54	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LED26	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR54A	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LED27	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR55	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED28	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR56	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
LED29	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR57	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LED3	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR57A	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LED30	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR58	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED31	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR59	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
LED32	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR60	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
LED4	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR61	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LED5	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR61A	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LED6	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR62	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
LED7	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR63	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LED8	0601-001226	LED:SMD,RED,1.2x0.8mm,660nm,1.6x0.	1		SA	UR64	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LED9	0601-001754	LED:SMD,BLUE,1.6X0.8X0.4MM,468NM,1	1		SA	UR64A	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA
LR1	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	UR65	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
LR2	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	UR66	2001-000449	R-CARBON;2.2Kohm,5%,1/8W,AA,TP,1.8x	1		SA
LR3	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	UR67	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1		SA
LR4	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	UR67A	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1		SA
LR5	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	UR68	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1		SA
LR6	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	UR68A	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1		SA
LR7	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	UR73	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1		SA
LR8	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1		SA	URR10	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
MB002	3301-001419	BEAD-SMD;220ohm,1608,TP,133ohm/70MH	1		SA	URR11	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.	1		SA
MB003	3301-001419	BEAD-SMD;220ohm,1608,TP,133ohm/70MH	1		SA	URR12	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.	1		SA
R1P800	2001-000660	R-CARBON;33Kohm,5%,1/8W,AA,TP,1.8x3	1		SA	URR17	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA
R36	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1		SA	URR18	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3	1		SA
R37	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1		SA	URR19	2003-000554	R-METAL OXIDE(S);2.2ohm,5%,1W,AA,TP	1		SA
R38	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1		SA	USW1	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA
R39	2001-000281	R-CARBON;100ohm,5%,1/8W,AA,TP,1.8x3	1		SA	USW10	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA
R40	2001-001000	R-CARBON;82Kohm,5%,1/8W,AA,TP,1.8x3	1		SA						

Exploded View & Part List

Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark	Loc. No.	Part No.	Description;Specification	Q'ty	SNA	Remark
USW11	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW12	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW15	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW16	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW2	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW3	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW4	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW5	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW6	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW7	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW8	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
USW9	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6x5,SP	1		SA						
UVR1	3406-001047	SWITCH-ROTARY;5V DC,0.5mA,12mm	1		SA						
UZD8	0403-001321	DIODE-ZENER;MTZJ6.8C,6.7-6.97V,500m	1		SA						
VFD1	AH07-00249A	VF DISPLAY;HNV-10MS31T,MAX-DG55,80.	1		SA						
VFD-HOLDER	AH61-02727A	HOLDER-VFD;HIPS,MAX-G55,41,82	1		SA						
VFR1	2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3	1		SA						
VR1	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1		SA						
VR2	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1		SA						
VR3	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1		SA						
VR4	2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3	1		SA						
XD1	0401-000005	DIODE-SWITCHING;1N4148,75V,150mA,DO	1		SNA						
	AH99-00277A	ASSY AUTO INSERT-FRONT;MINI-DVD/CD,	1		SNA						
	<b>AH97-00846A</b>	<b>ASSY SUB MATERIAL;AH97-00846A,-,-,-</b>	<b>1</b>		<b>SNA</b>						
	0201-001356	CEMEDINE;A121	0.003		SNA						
	0201-001357	ADHESIVE-STRL;THREE BOND 1401B,GRN,	0.5		SNA						
FIL	0203-000007	TAPE-FILAMENT;T0.15,L55M,TRP	0.1		SNA						
	0203-001100	TAPE-OPP MASKING;OPP/W75/CLR,T0.05,	1.5		SNA						
	0203-001362	TAPE-DOUBLE FACE;#570 W10X50M CLR	0.1		SNA						
	0205-001366	GREASE-SILICON;T4110	0.001		SNA						
	<b>AH98-00185G</b>	<b>ASSY ACCESSORY;MAX-G55/G56,XAZ,-,-</b>	<b>1</b>		<b>SNA</b>						
	3721-000117	PLUG-CONVERSION;2P,4.0PI,#16-22,SN	1		SA						
	4301-000116	BATTERY-ALKALINE;1.5V,AAA,10.5x44.5	2		SA						
	6902-000385	BAG PE;LDPE,T0.03,W250,L350,TRP,8,1	1		SA						
	AH42-00021A	ANT FM T;T18011F-1,75 ohm,1800mm	1		SA						
	AH68-02162X	MANUAL USERS;MAX-G55/G56,XAZ,PT,MOJ	1		SA						
	AH68-50254B	LABEL-SERIAL;T0.1,L10,W45,SME/SEHZ	1.05		SNA						
	<b>AH98-00188B</b>	<b>ASSY LABEL;MAX-G55,-,-,-</b>	<b>1</b>		<b>SNA</b>						
	3809-001221	CABLE-FLAT;30V,80C,210mm,30P,1.25mm	1		SA						
	6902-000068	BAG PE;HDPE/NITRON/HDPE,T0.02/0.5/0	1		SNA						
	AH65-30010A	CLAMP-WIRE;-,-,-,-,-,-	1		SNA						
	AH68-00371A	LABEL-BAR CODE;DVD-611/XAA,MOJO2000	1.05		SNA						
	AH68-01929H	LABEL RATING;HT-A100,ELS,SLIVER PET	1.05		SNA						
	AH68-02192C	LABEL-POP;MAX-G55,EUR,RAINBOW,0.18,	1		SNA						
	AH69-02436A	CUSHION-L;MAX-G55,EPS,85,442,264,51	1		SA						
	AH69-02438A	CUSHION-R;MAX-G55,EPS,85,442,264,55	1		SA						
	3903-000277	CBF-POWER CORD;AT,BR,CP2,HOUSING(2P	1		SA						
	AH69-02454B	MASTER CARTON;MAX-G55,PAPER,7,W683,	1.02		SA						

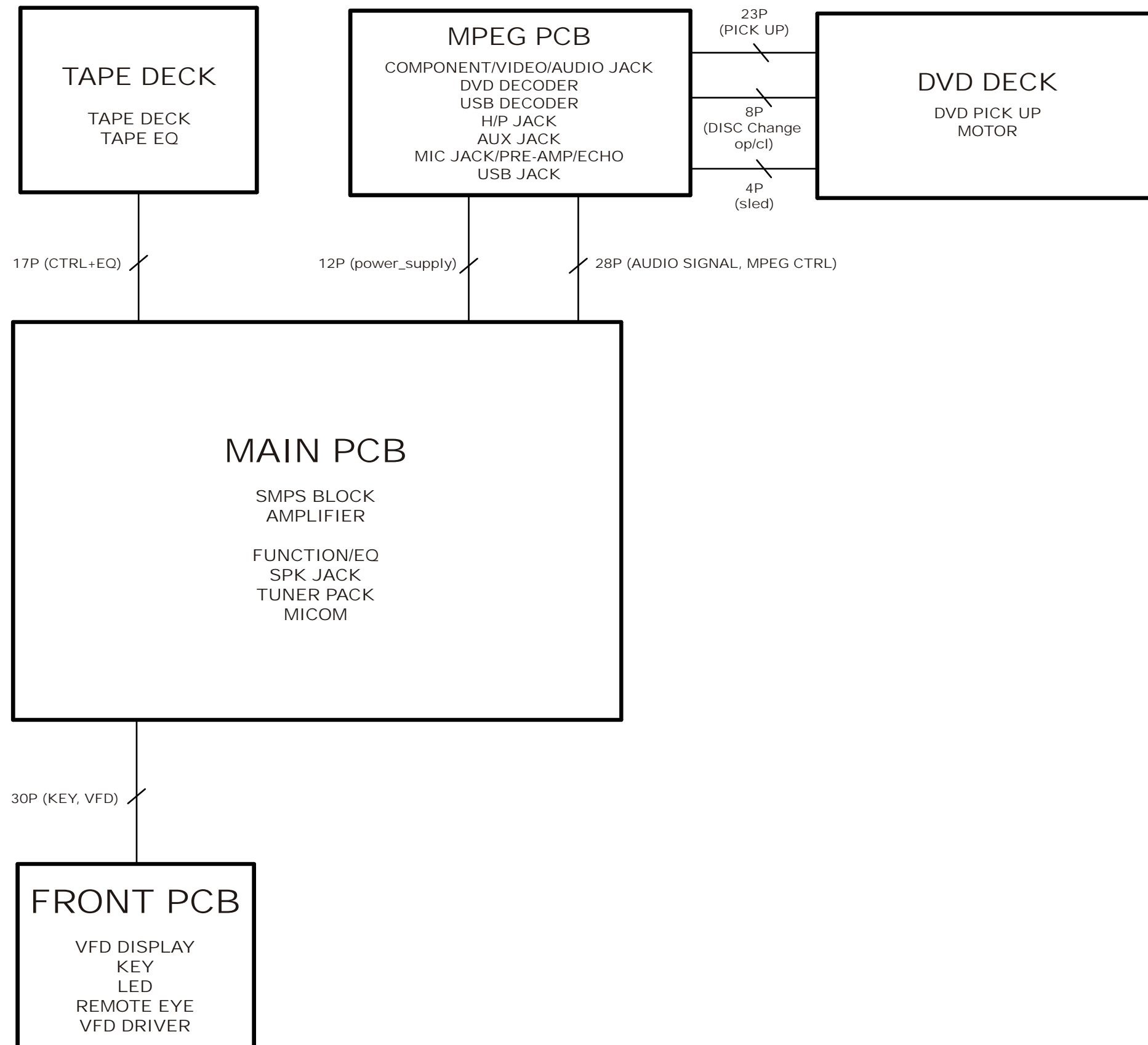
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## 6. PCB Diagram

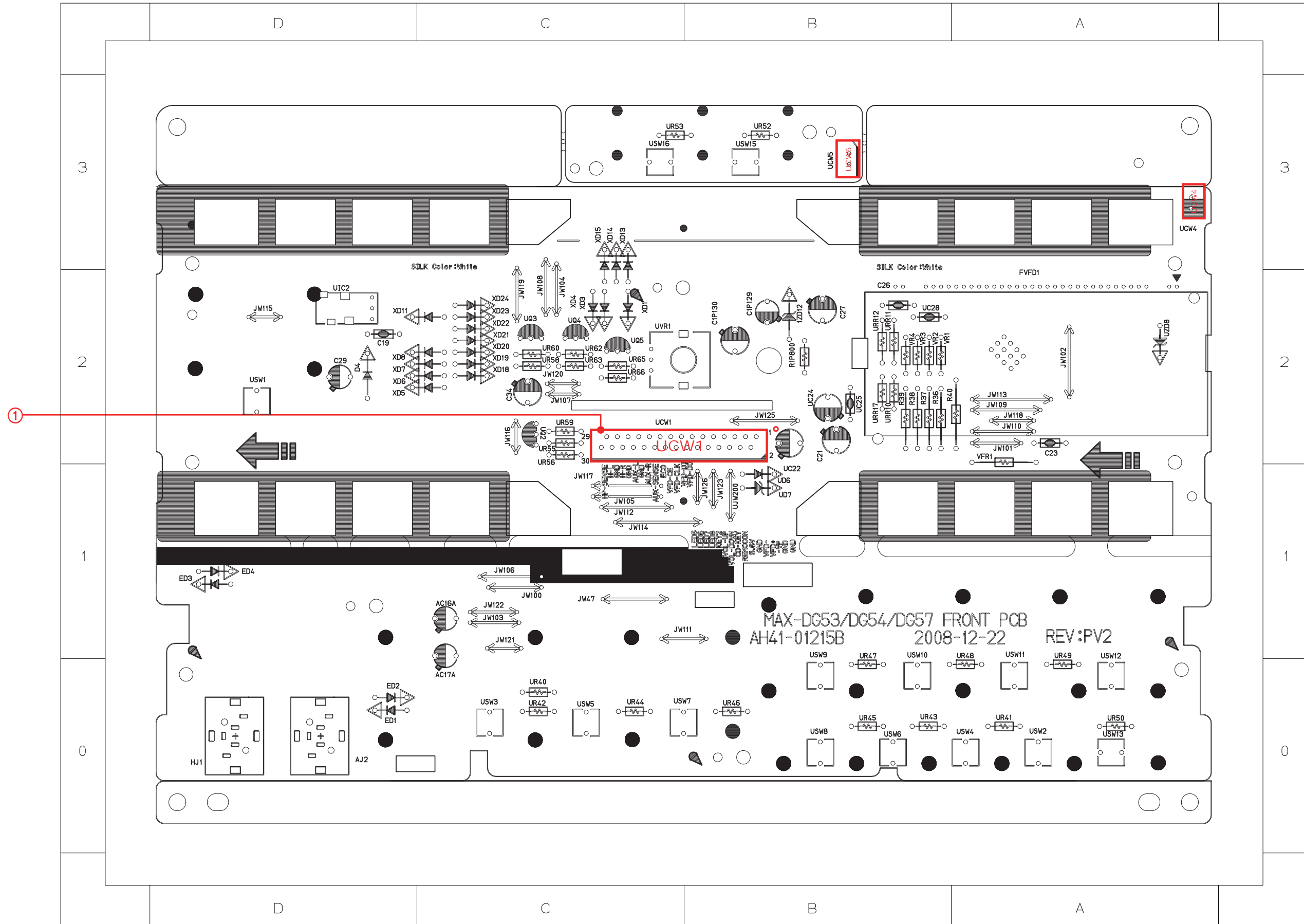
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6-5	MAIN PCB Bottom.....	6-8
6-6	MPEG PCB Top.....	6-10
6-7	MPEG PCB Bottom .....	6-13

### 6-1 Wiring Diagram



### 6-2 FRONT PCB Top



**6-2-1 Pin Connection**

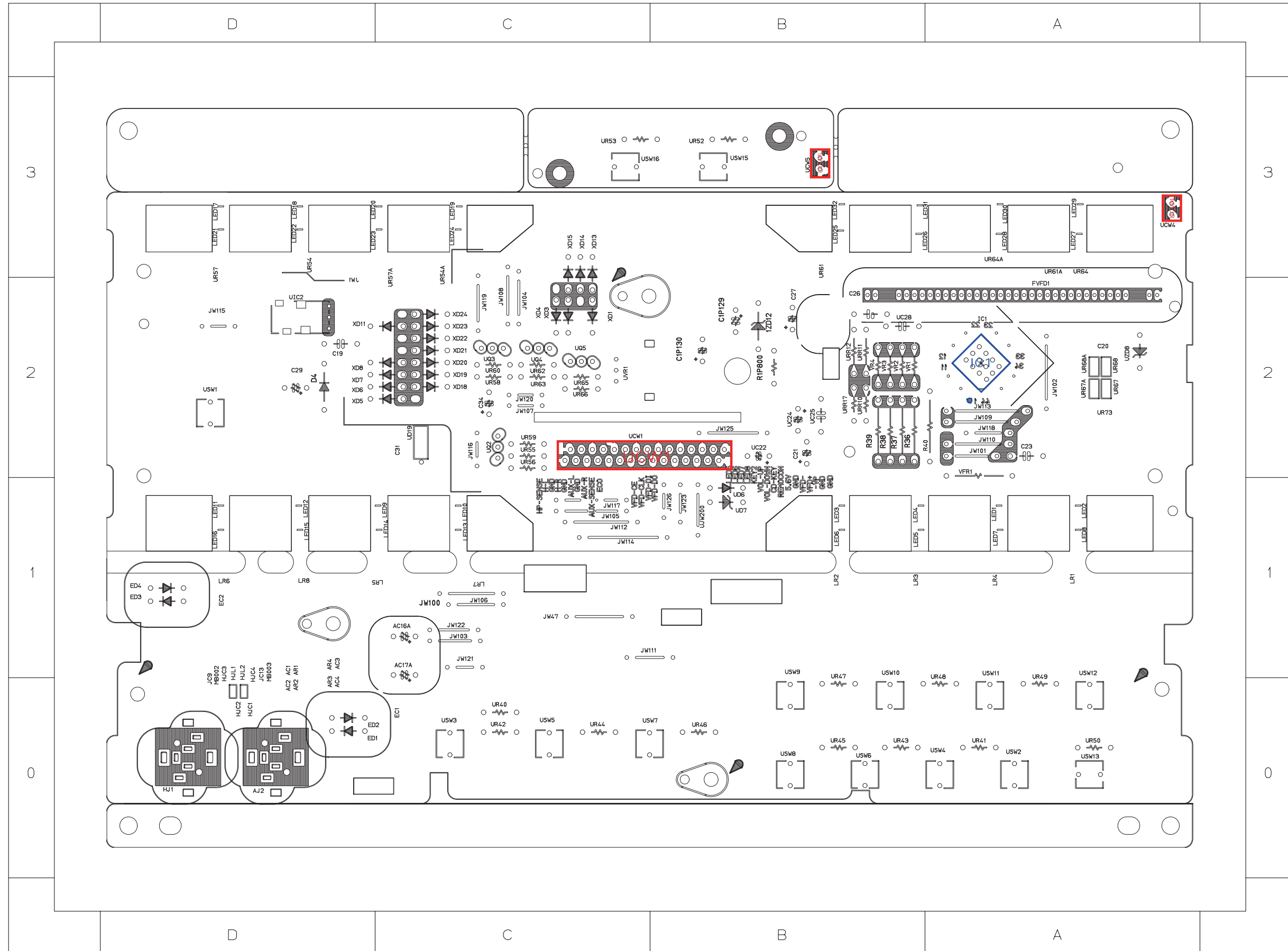
## ① UCW1

Front PCB (Control VFD, KEY)

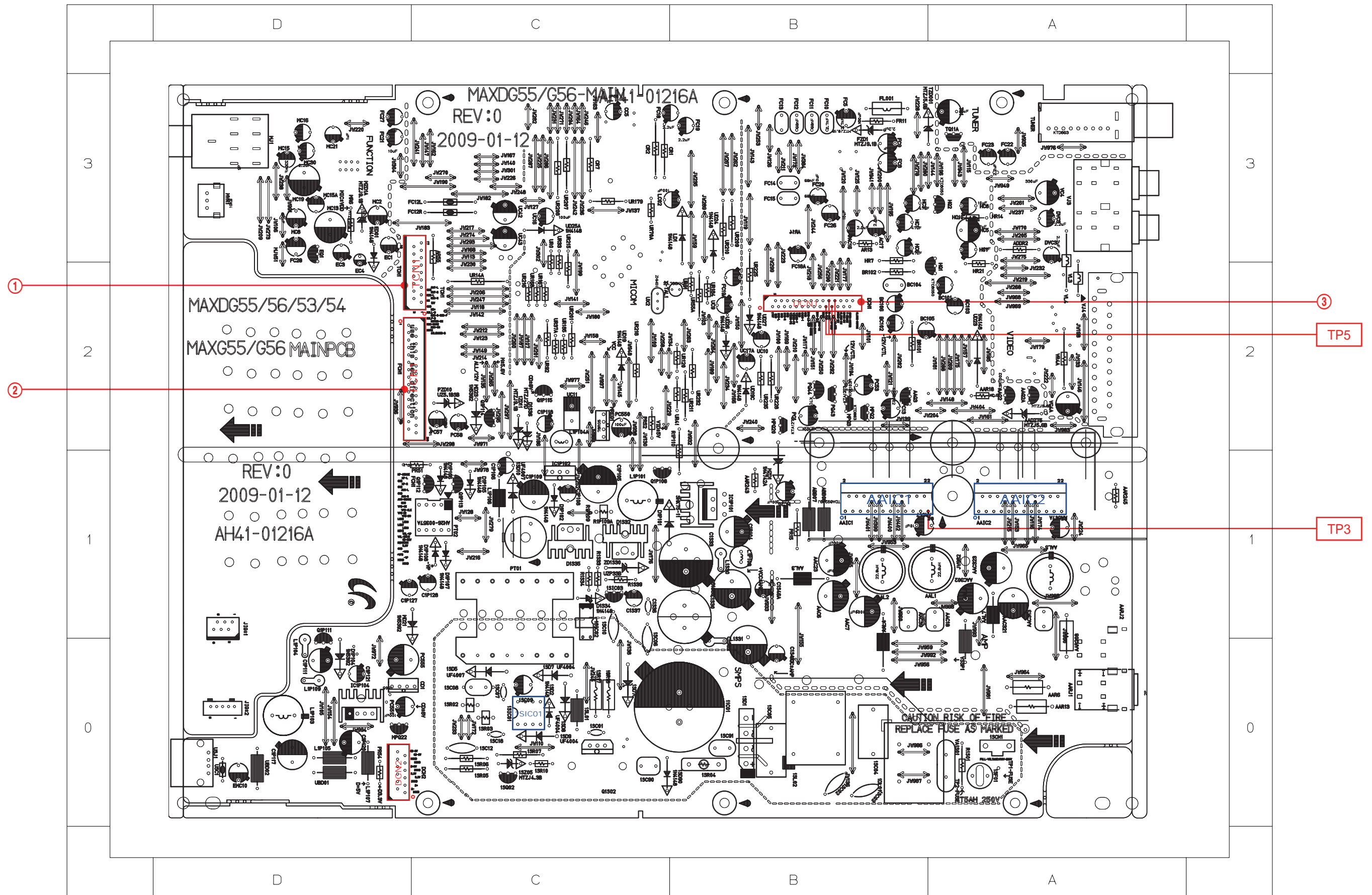
Pin No.	Signal
1	VFDGND
2	VFDGND
3	-VP
4	VFD+
5	VFD-
6	GND
7	5.6V
8	REMOCON
9	CD-KEY
10	VOL-DOWN
11	VOL-UP
12	KEY2
13	LED8
14	LED7
15	LED6
16	LED5
17	VFD_DO
18	VFD_DI
19	VFD_CL
20	VFD_CE
21	ECO
22	AUX_SENSE
23	AUX_R
24	GND
25	AUX_L
26	GND
27	H_R
28	GND
29	H_L
30	HP_SENSE



### 6-3 FRONT PCB Bottom



### 6-4 MAIN PCB Top



## 6-4-1 Pin Connection

① TCN1  
TAPE CONTROL

Pin No.	Signal
1	SOL
2	TAPE_MUTE
3	REC
4	REC/M
5	MOTOR
6	HALL
7	A/D3
8	A/D4
9	MB+
10	GND
11	+12V
12	GND
13	REC-R
14	REC-L
15	OUT-R
16	GND
17	OUT-L

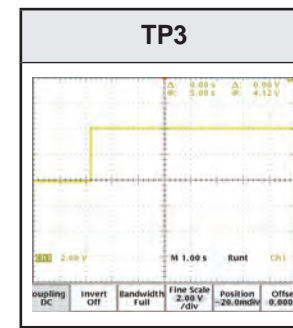
② FCN1  
Front PCB (Control VFD, KEY)

Pin No.	Signal
1	VFDGND
2	VFDGND
3	-VP
4	VFD+
5	VFD-
6	GND
7	5.6V
8	REMOCON
9	CD-KEY
10	VOL-DOWN
11	VOL-UP
12	KEY2
13	LED8
14	LED7
15	LED6
16	LED5
17	VFD_DO
18	VFD_DI
19	VFD_CL
20	VFD_CE
21	ECO
22	AUX_SENSE
23	AUX_R
24	GND
25	AUX_L
26	GND
27	H_R
28	GND
29	H_L
30	HP_SENSE

③ DCN1  
MPEG DATA

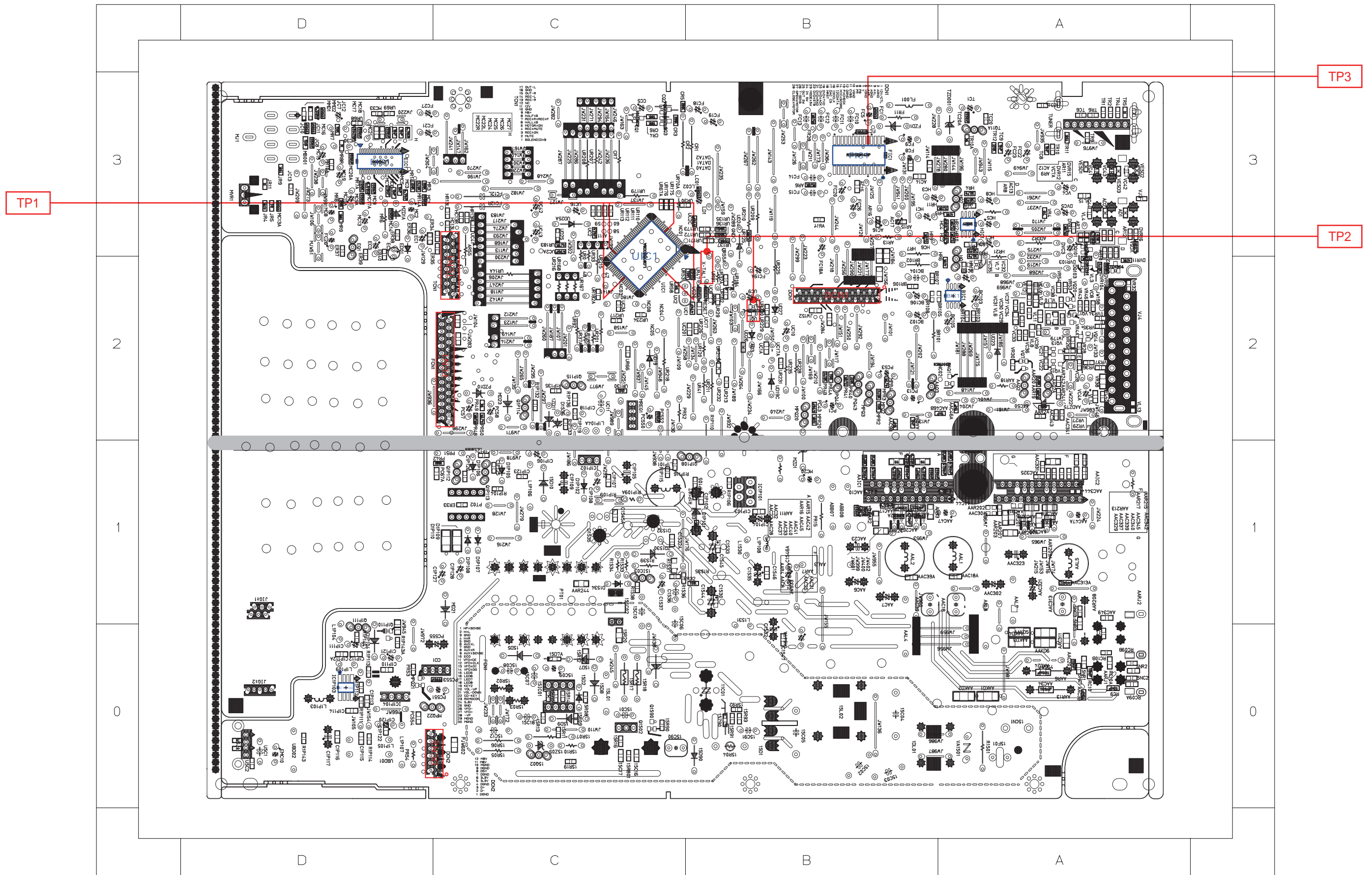
Pin No.	Signal
1	12V/CTL
2	AGND
3	A_L
4	AGND
5	A_R
6	VGND
7	Y
8	PB
9	PR
10	VGND
11	CVBS
12	DGND
13	P_CHECK
14	MIC_SCORE
15	I2CDATA
16	I2CCLK
17	DAC CS
18	MRST
19	DVD_TXD
20	DVD_ACK
21	DVD_RXD
22	DVD_STB
23	MODE_SW
24	IN SW
25	OUT SW
26	T-SENS
27	OPEN_MOTOR
28	CLOSE_MOTOR

## 6-4-2 Test Point Wave Form

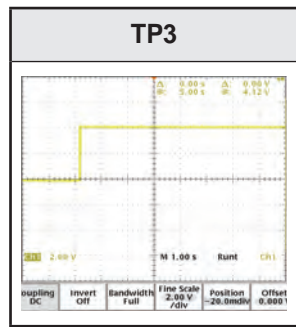
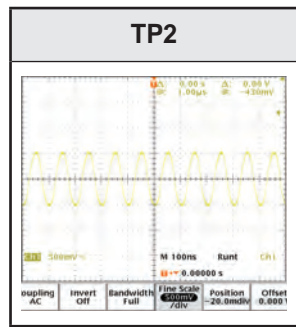
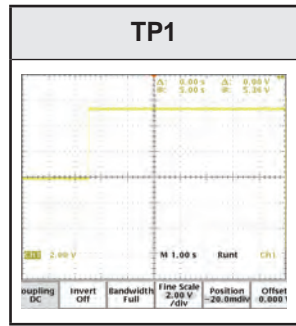




### 6-5 MAIN PCB Bottom



### 6-5-1 Test Point Wave Form





## 6-6-1 Pin Connection

### ① IOCON MPEG DATA

Pin No.	Signal
1	12V/CTL
2	AGND
3	A_L
4	AGND
5	A_R
6	VGND
7	Y
8	PB
9	PR
10	VGND
11	CVBS
12	DGND
13	P_CHECK
14	MIC_SCORE
15	I2CDATA
16	I2CCLK
17	DAC CS
18	MRST
19	DVD_TXD
20	DVD_ACK
21	DVD_RXD
22	DVD_STB
23	MODE_SW
24	IN SW
25	OUT SW
26	T-SENS
27	OPEN_MOTOR
28	CLOSE_MOTOR

### ② MACON1 DISC CHANGE, OPEN/CLOSE

Pin No.	Signal
1	+MTR
2	-MTR
3	TRAY_SEN
4	OP_SEN
5	CL_SEN
6	MODE_SEN
7	8V
8	MGND

### ③ RFCON1 DECK DATA

Pin No.	Signal
1	CD-VR
2	MPD
3	CD-LD
4	LD-GND
5	SW
6	F-
7	T+
8	T-
9	F+
10	B
11	C
12	D
13	A
14	E
15	F
16	Vcc
17	Vref
18	GND
19	DVD-VR
20	PD
21	DVD-LD
22	RFCON1
23	H-Vcc

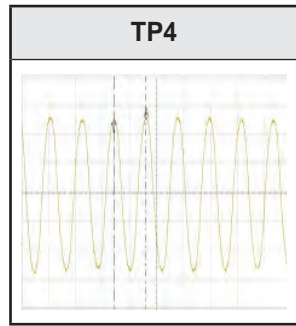
### ④ ACCON1 SERVO CONTROL

Pin No.	Signal
1	SLED+
2	SLED-
3	DCMO+
4	DCMO-

### ⑤ PCON1 MPEG Power

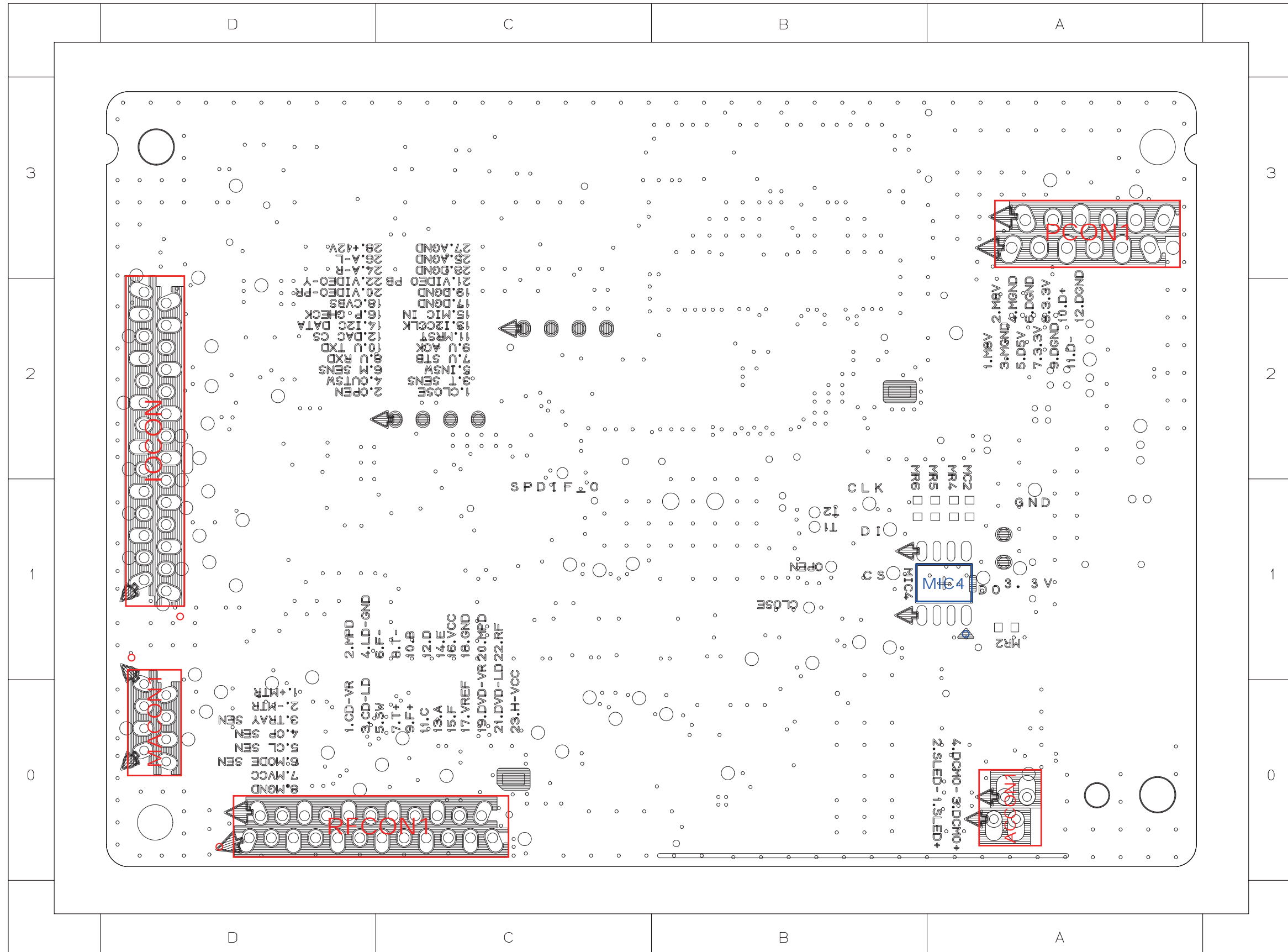
Pin No.	Signal
1	M8V
2	M8V
3	MGND
4	MGND
5	D5V
6	DGND
7	3.3V
8	3.3V
9	DGND
10	D+
11	D-
12	DGND

### 6-6-2 Test Point Wave Form





6-7 MPEG PCB Bottom



# MEMO

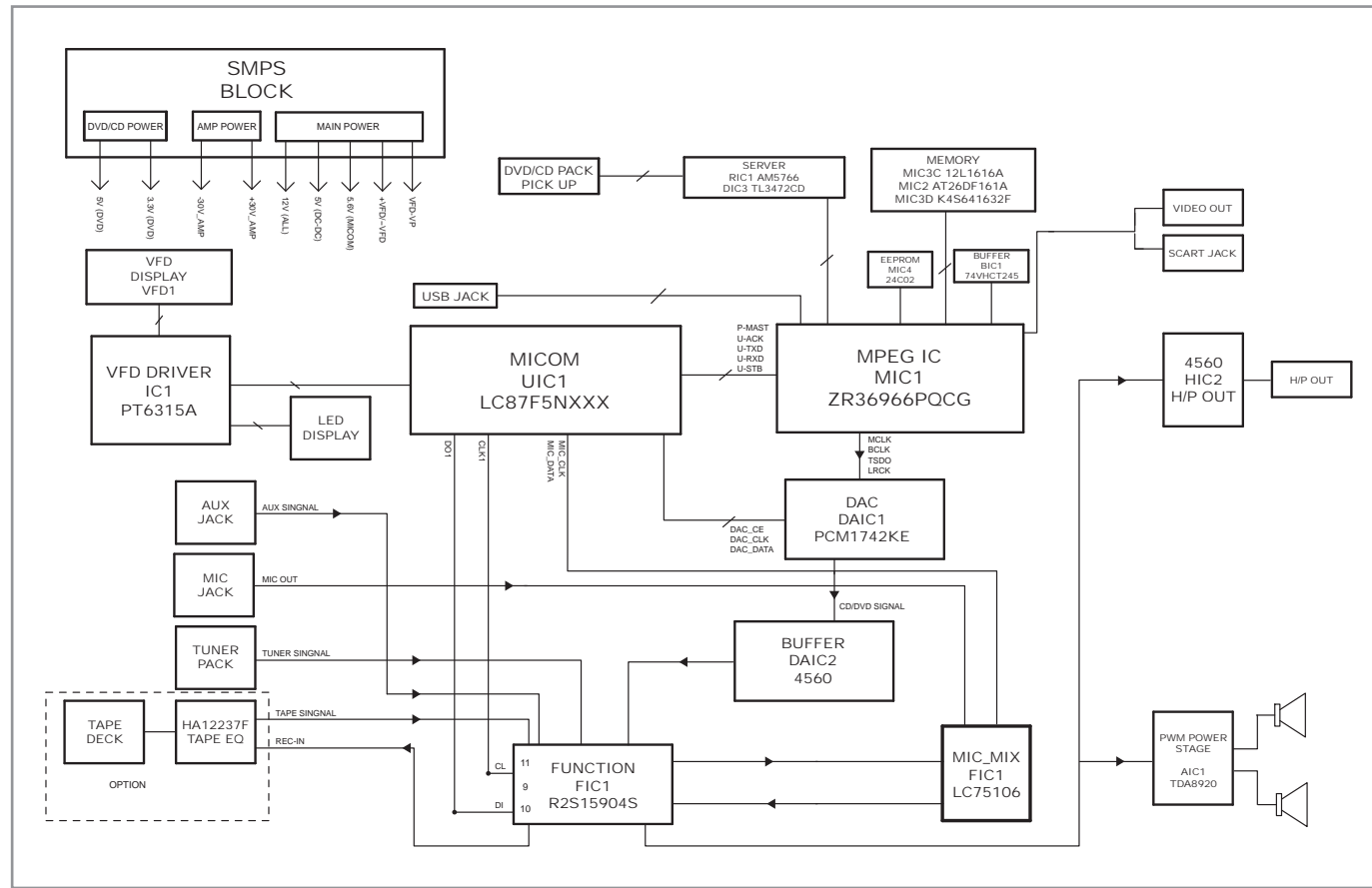
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## 7. Schematic Diagram

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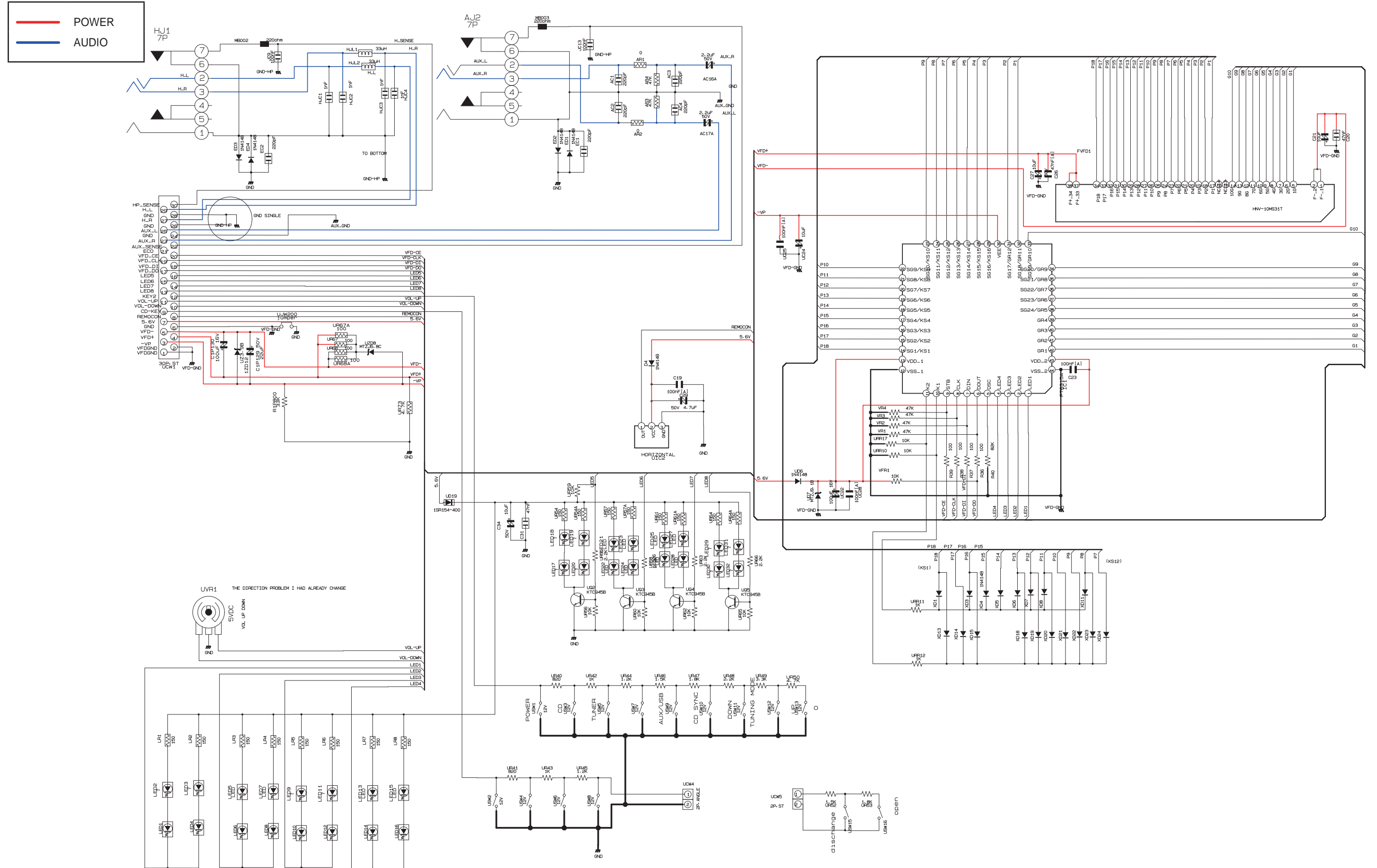
7-1 Overall Block Diagram.....	7-2
7-2 FRONT.....	7-3
7-3 MAIN.....	7-4
7-4 AMP .....	7-5
7-5 USB/MIC, MPEG Power .....	7-6
7-6 MPEG .....	7-7

## 7-1 Overall Block Diagram

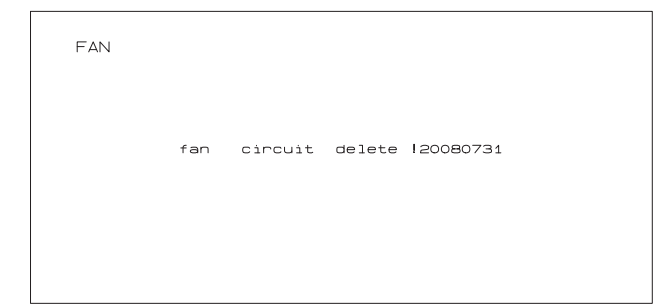
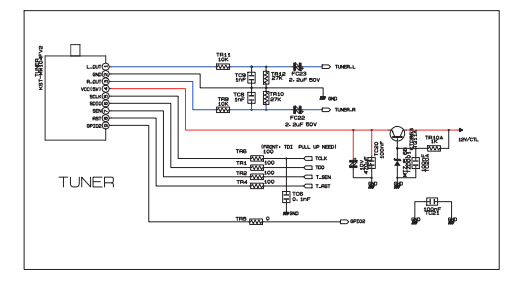
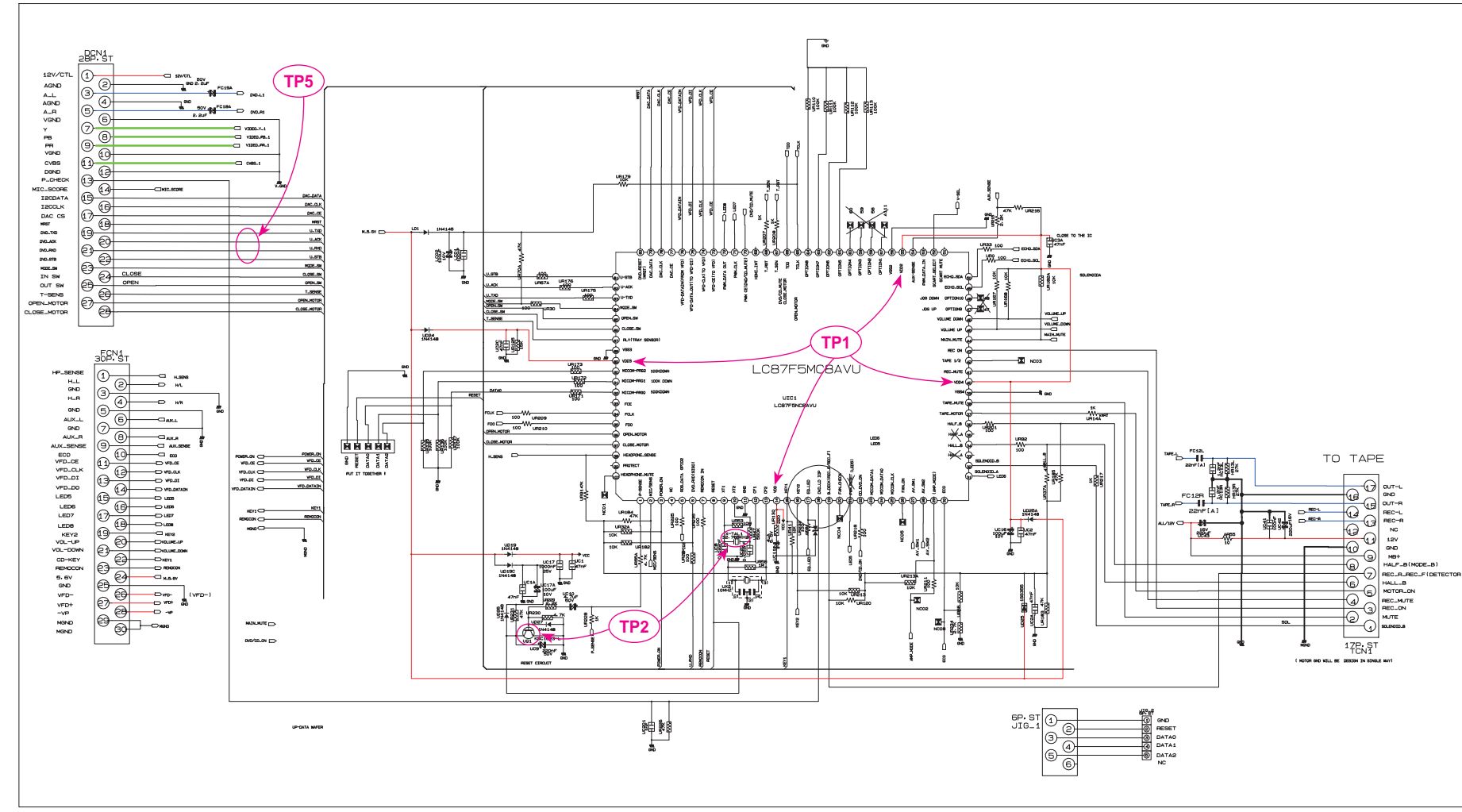
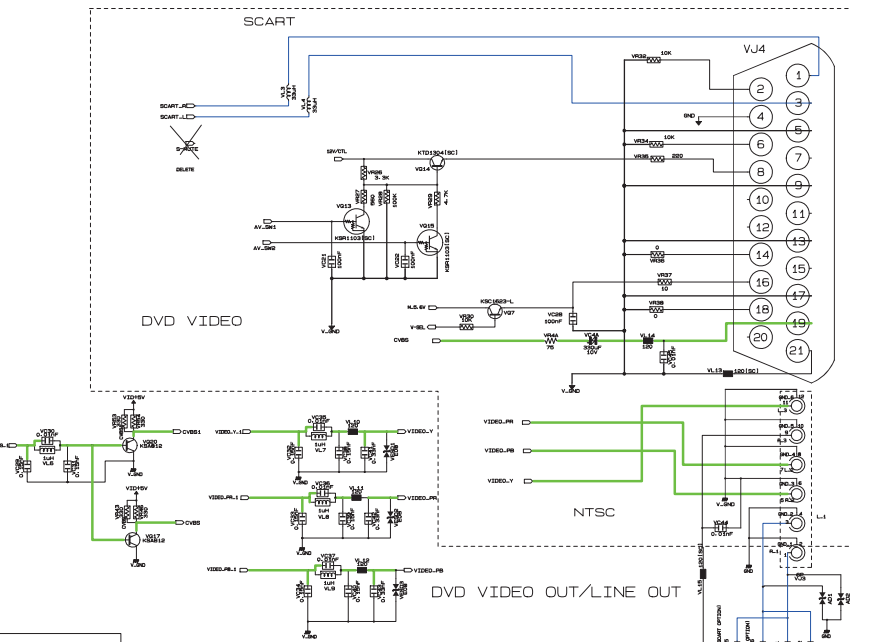
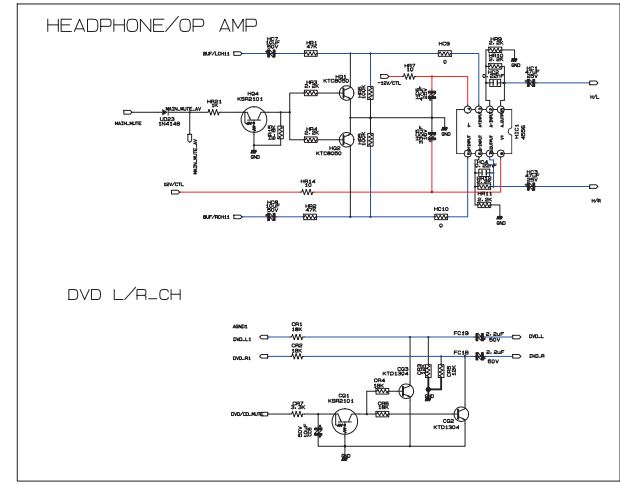
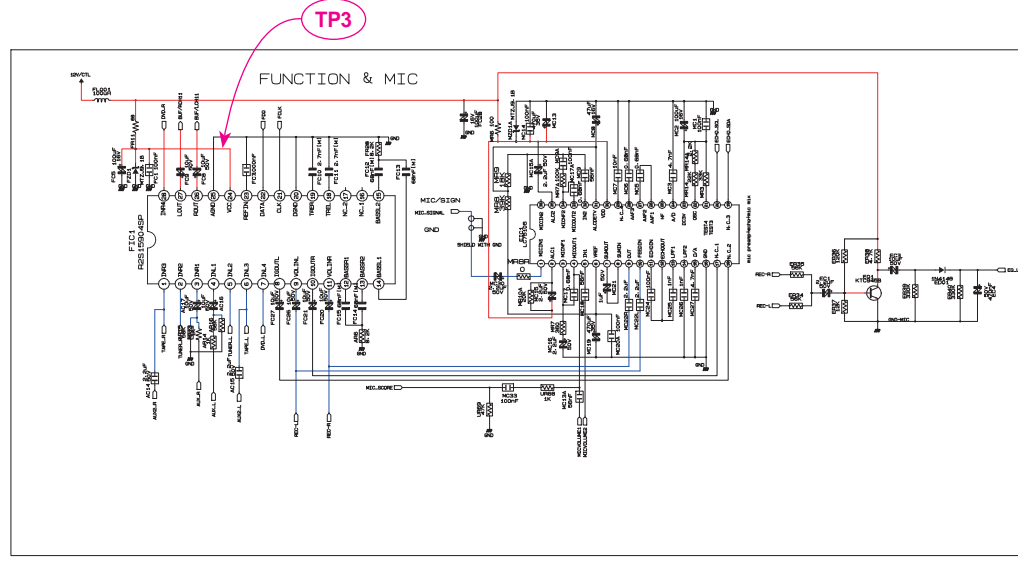
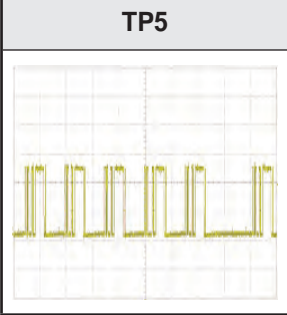
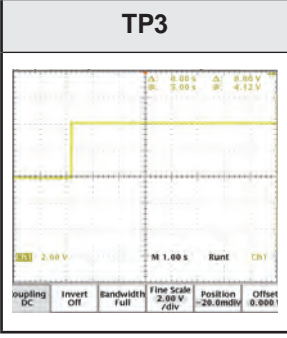
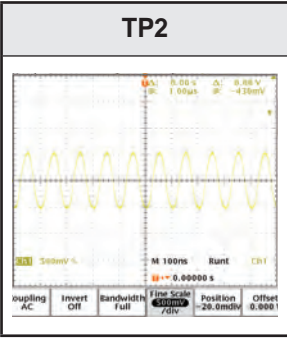
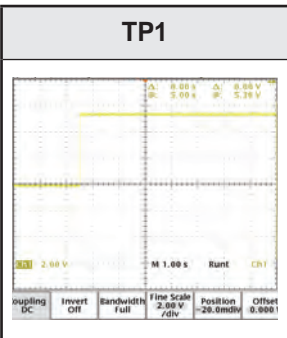
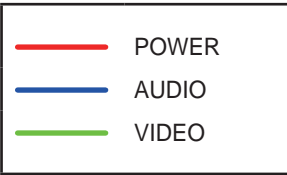


- Main System MICOM control Function IC (R2S15904), Turner pack, Tape deck IC (DIC1HA12237F), CD/DVD deck. It gets all information from R2S15904. They have a communication among the with HOST ↔ SLAVE interface. And Main System MICOM gets the information from User's remote control. So whenever it gets the information, it displays it on the VFD.
- The DVD/CD Deck and Tape Deck transfer the audio data to R2S15904.
- AUX Jack and Tuner pack are each connected to R2S15904. Data from AUX and tuner transfer to R2S15904. Then, after processing, the data will send the date to AMP IC.

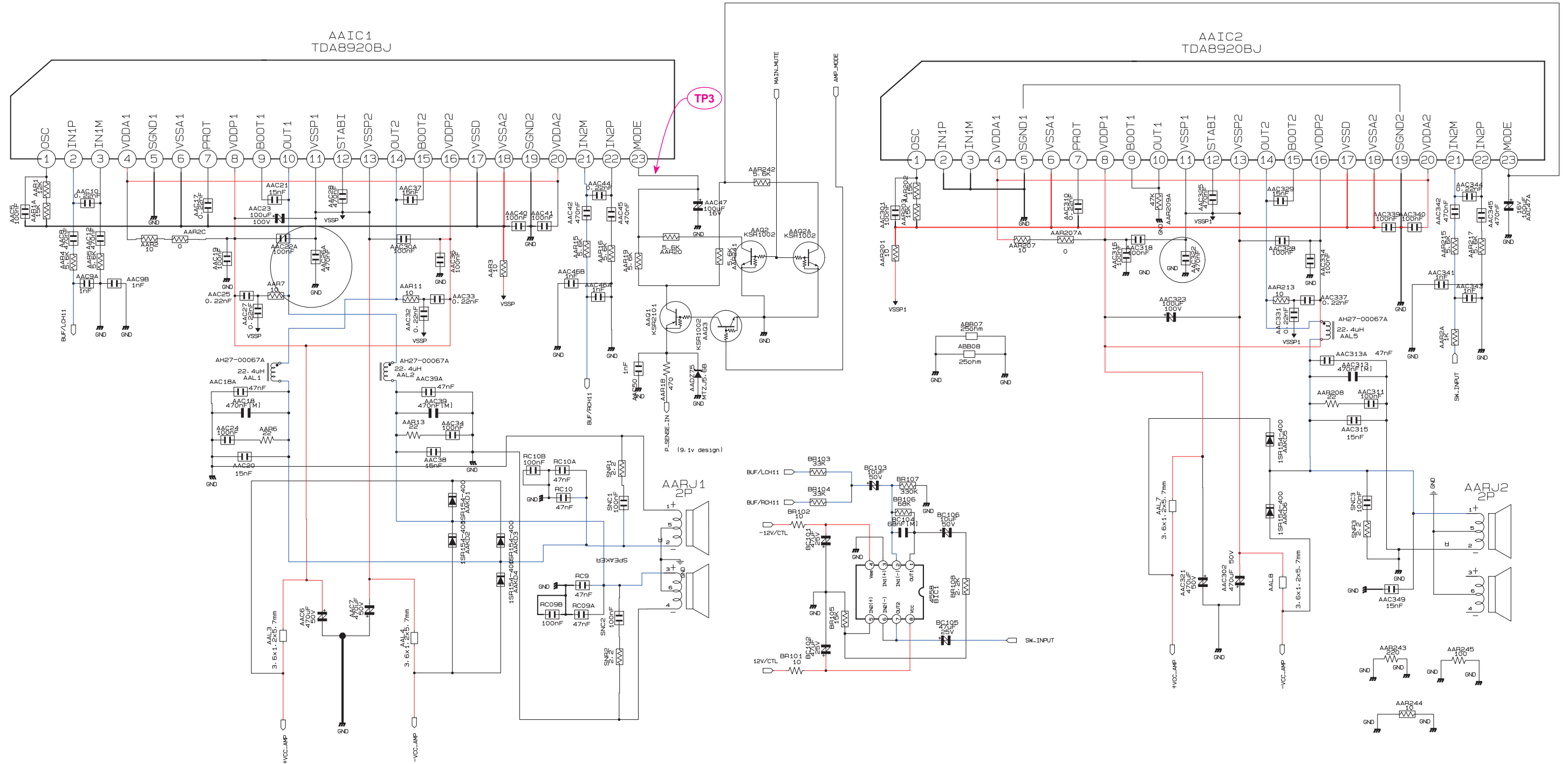
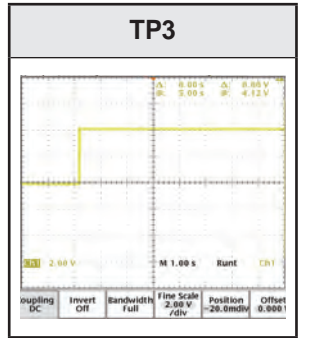
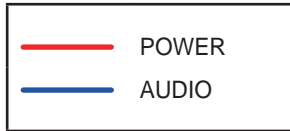
### 7-2 FRONT



### 7-3 MAIN

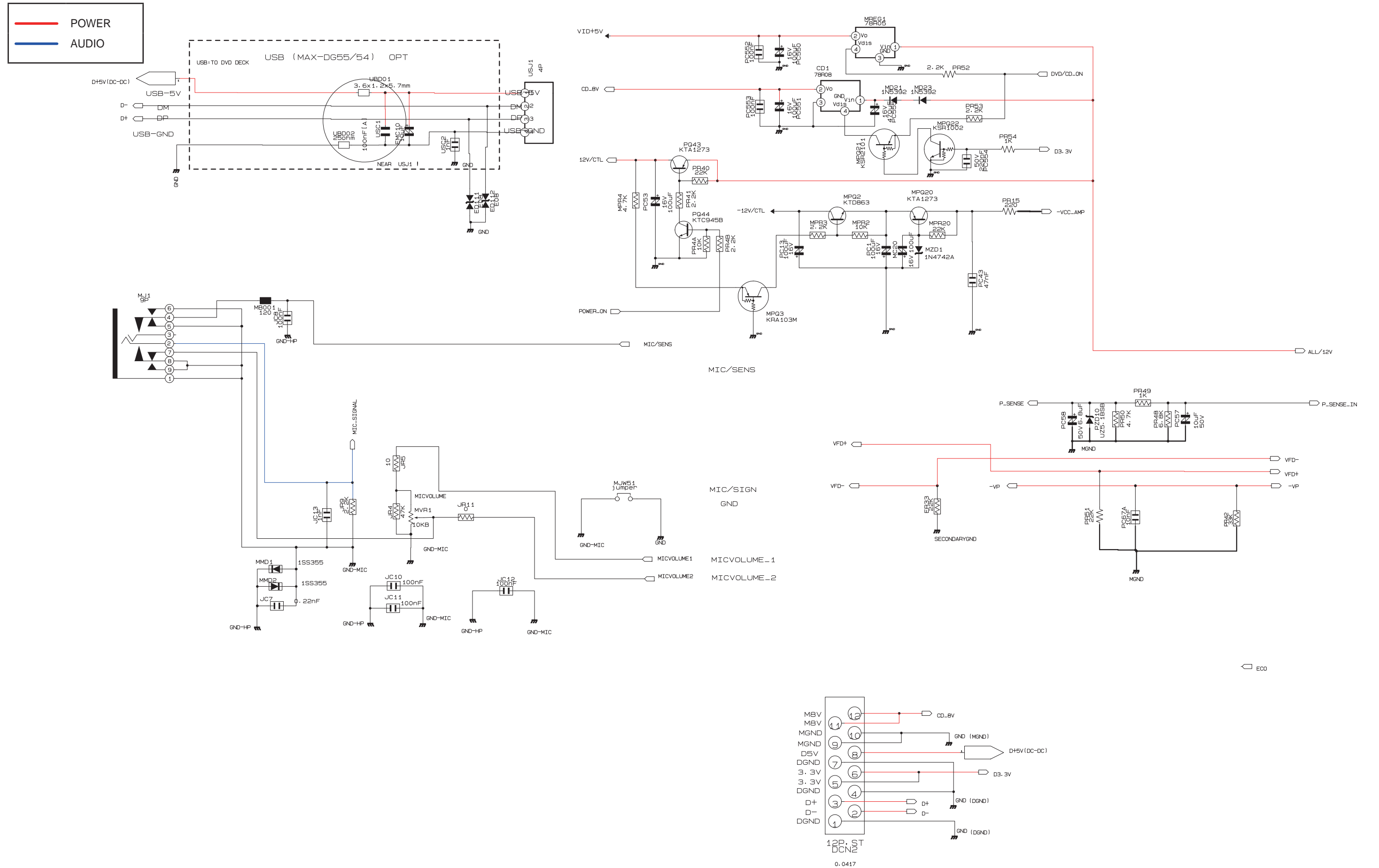


# 7-4 AMP



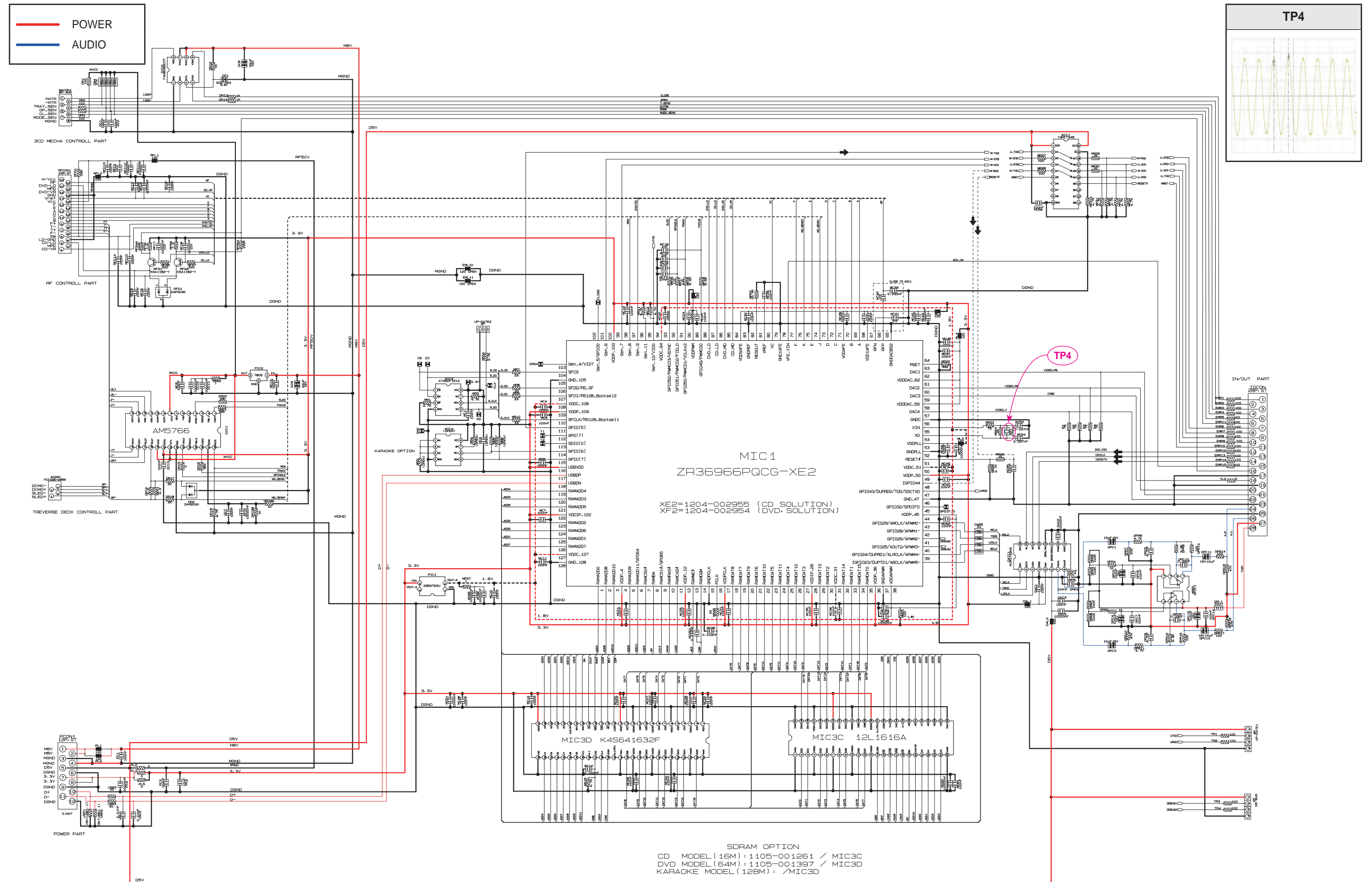


### 7-5 USB/MIC, MPEG Power





# 7-6 MPEG



# MEMO