DVD PLAYER

DVD761K

Service
Service
Service

Service Manual

COMPACT
disc
DIGITAL AUDIO

LIST OF CONTENTS

CLASS 1
LASER PRODUCT

GB   3141 785 22061

PHILIPS

PCB   Location

Power board

Servo board

MIC broad

Output board

Front board

MPEG board

Power board

Assembly 12NC: 3122 427 22530

Front board

Assembly 12NC: 3141 018 02040

MPEG board

Assembly 12NC: 3141 018 02020

MIC broad

Assembly 12NC: 3141 018 01980

Loader module

Assembly 12NC: 3141 018 02010

Output board

Assembly 12NC: 3141 018 02030

Note: Power board is not mounted at BPAVC

Region Code

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an option region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not play, and should be unloaded.

The region code for **Singapore** is 3
The apparatus type is DVD761/69X

The region code for **Australia & New Zealand** is 4
The apparatus type is DVD761/75X

The region code for **China** is 6
The apparatus type is DVD761/93X

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KARAOKE

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Entertainment for the new millennium

Video was never like this before! Digital video discs provide perfect digital, studio-quality pictures; three dimensional digital, multi-channel audio; story sequences screened from your choice of camera angle; sound tracks in as many as eight languages; and up to 32 subtitles (if available on disc).Whether you watch DVD-Video on wide-screen or regular TV, you always see it the way it was meant to be.

Digital video

DVD-Video uses state-of-the-art MPEG2 data compression technology to register an entire movie on a single 5-inch disc. DVD's variable bitrate compression, running at up to 9.8 Mbits/second, captures even the most complex pictures in their original quality.

The crystal-clear digital pictures have a horizontal resolution of over 500 lines, with 720 pixels (picture elements) to each line.This resolution is more than double that of VHS, superior to Laser Disc, and entirely comparable with digital masters made in recording studios.

DVD-Video discs conform to either the PAL or NTSC video standard. This player can play both PAL and NTSC discs, presenting them in the , best possible way on your multi-standard TV screen.

As the universal video system of the future, DVD-Video offers optimal pictures on any TV screen.

Introduction

Your Philips DVD-Video player will play digital video discs conforming to the universal DVD-Video standard. With it, you will be able to enjoy full-length movies with true cinema picture quality, as well as stereo or multi-channel sound (depending on the disc and your playback setup). The unique features of DVD-Video, such as selection of sound track, subtitle languages and different camera angles (again depending on the disc), are all included. What's more, Philips Child Lock lets you decide which discs your children will be able to see.

In addition to DVD-Video discs, you will be able to play all Video CDs and Audio CDs (excluding finalized CD Recordable and CD Rewritable). You will find the On-Screen Display, player display, and remote control make the player easy to use.This manual provides all the information you will need, so read on!
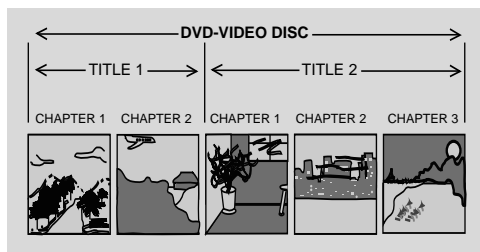
DVD-Video

You will recognize DVD-Video discs by the logo shown on left. Depending on the material on the disc (a movie, video clips, a drama series, etc.) the disc may have one or more Titles. Each Title may have one or more Chapters.To make playback easy and convenient, your player lets you select Titles and playback Chapters.

Video CD

You will recognize Video CDs by the logo shown at left. Depending on the material on the disc (a movie, video clips, a drama series, etc.) the disc may have one or more tracks. Tracks may have one or more indexes, as indicated on the disc case. To make playback easy and convenient, your player lets you select tracks and indexes. Some Video CDs have Play Back Control (PBC), which is a predefined playback sequence stored on the disc.
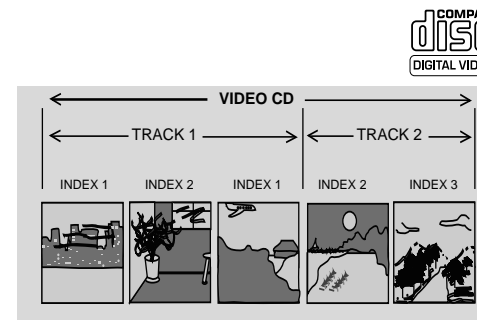
Super VCD

SVCD discs based on the Super VCD IO Standard based on the Standard of the Information Industry Department of the People's Republic of China

Audio CD

Audio CDs contain music tracks only.
You will recognize Audio CDs by their logo which is shown at left.
You can play them in conventional style through a stereo system, using the keys on the remote control and/or front panel, or via the TV using the On-Screen Display (OSD).
You can play audio CDs using the OSD or, through a stereo system only, using keys on the remote control and/or front panel.

Unpacking

First check and identify the contents of your DVD-Video player package. You should have the following items.
- DVD-Video player
- Remote Control with batteries
- Audio/Video cable
- Instructions for use

If any item is damaged or missing, contact your retailer or Philips.

Keep the packaging materials; you may need them to transport your player in the future.

Placement

Place the player on a firm, flat surface.
Keep the player away from domestic heating equipment and direct sunlight.
In a cabinet, allow about 2.5 cm (1 inch) of free space all around the player for adequate ventilation.
If the DVD-Video player cannot read CDs/DVDs correctly, use a commonly available cleaning CD/DVD to clean the lens before taking the DVD-Video player to be repaired. Other cleaning methods may destroy the lens. Always keep the tray closed to avoid dust on the lens.
The lens may cloud over when the DVD-Video player is suddenly moved from cold to warm surroundings. Playing a CD/DVD is not possible then. Leave the DVD-Video player in a warm environment until the moisture evaporates.
To view the typeplate, please refer to the bottom of the player.

FRONT   REAR

POWER ON/OFF
- Turn on/off the player

Standby indicator
- Light up the red when the player is in standby mode

Display
- Shows the current status of the player

■ STOP

►►I - NEXT title/chapter/track

► PLAY - Starts Video/Audeo play

I◄◄ - PREVious title/chapter/track

II PAUSE

▲ OPEN/CLOSE
- Open/close the disc tray

SOUND
- Select surround sound effect

Disc tray

Digital Audio out jack (optical)
- Connect to digital (optical) equipment

Digital Audio out jack (coaxial)
- Connect to digital (coaxial) equipment

Multichannel connection
- Connect to a multichannel receiver and a subwoofer

Audio out L/R (Lift/Right)
- Connect to an amplifier, receiver or stereo system

Video out jack (CVBS)
- Connect to a TV with CVBS video inputs

Video out jack (S-Video)
- Connect to a TV with S-video (Y/C) inputs

Video out jack (C_R C_B Y)
- Connect to a TV with C_R C_B Y video inputs

Main cable
- Connect to Main socket

Headphone volume control

Headphone socket

MIC volume control 2
for karaoke

MIC volume control 1
for karaoke

MIC socket 2
for karaoke

MIC socket 1
for karaoke

CAUTION: Do not touch the inner pins of the jacks on the
rear panel connectors, Electrostatic discharge
may cause permanent damage to the unit.

Display

1 Disc formate indicate

2 Repeat function active

3 PLAY/STOP

4 Total time in hours, minutes and seconds

5 Playback program

6 Dolby digital audio output active

7 reserved

8 Disc locked

9 Play karaoke

10 Time in hours, minutes and seconds

11 Statues indicate

12 Multi-angle of camera active (DVD only)

13 Unit is running

Remote control

1. open/close
2. direction key (up)
3. direction key (left)
4. select
5. direction key (down)
6. setup
7. PREV/NEXT
8. Slow Rewind key
9. Slow forward key
10. number key
11. cancel
12. goto
13. preview
14. surround sound
15. zoom
16. MIC on/off
17. mute

34. standby
33. direction key (right)
32. return
31. Fast Forward/Fast Rewind
30. STOP
29. PLAY
28. PAUSE/STEP
27. MENU/PBC
26. title
25. chapter repeat
24. audio language
23. repeat
22. angle
21. On-Screen Display (OSD)
20. subtitle
19. mode
18. volume

NOTE :

● The usage of the key **setup**(6), **cancel**(11) and **return**(32), please refer to chapter [Setup Menu].

● The usage of the key **mode**(19) please refer to chapter [Mode key] and [KARAOKE].

● The rest keys are used for general operation, please see the chapter [Playback DVD] and [Playback VCD] for details.

General explanation

● Video connection and Audio connection can be totally separate. That means you can connect the Video output to one equipment and connect the Audio output to another with no problems. Depending on your TV and other equipment you wish to connect, there are various ways you connect the player. Possible connections are shown in the following drawings.

● Please refer to the manuals of your TV,VCR,stereo system or other devices as necessary to make the best connections.

● Do not connect your DVD-player via your VCR. The video quality could be distorted by the copy protection system.

● For better sound reproduction,conncet the player's audio out jacks to the audio in jacks of your amplifier,receiever,stereo or A/V equipment. see [Audio Connection].

Caution: Do not connect the player's audio out jack to the phono in jack of your audio system.
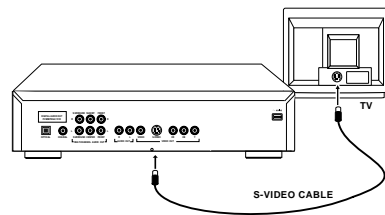
Video connection

Video CVBS connection

● CVBS video output is the most common video formate we are using now, it combines brightness signal and chroma signal together and only uses one cable for output. Plugs of the cable are both in yellow.

● connect the Video socket on the rear of the player to the corresponding socket on the TV using the cable supplied.
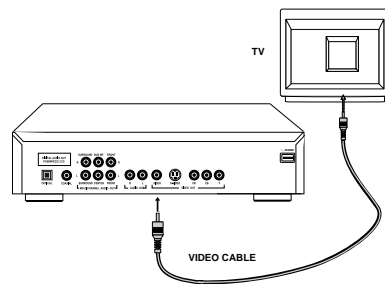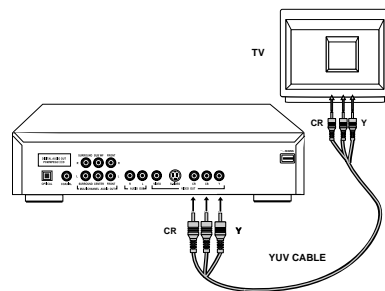
S-Video connection.

● S-video is a kind of component video output. It includes two separated signals, they are brightness and chroma. Reproducing high quality picture is its advantage.

● connect the S-Video connector on the rear of the player to the corresponding connector on the TV using the S-Video cable(not supplied).

Y/C$_R$/C$_B$ connection.

● Y/C$_R$/C$_B$ is another kind of component video output. It includes three sort of signals, they are Y; C$_{RED}$; C$_{BLUE}$. This video formate can be compatible with monochromatic TV. (use Y only)

● connect the Y/C$_R$/C$_B$ connector on the rear of the player to the corresponding connector on the TV using the Y/C$_R$/C$_B$ cable (not supplied).

Caution: Y/C$_R$/C$_B$ video and S-video can not work at the same time, so you have to set one of them to be active in setup menu. Please refer to the chapter [Setup Menu] for ditails.

Audeo connection

Connect Audio output to TV

● Use the TV speaker for sound reporduction, connect the audio left and right channel sockets on the player rear panel to the corresponding sockets on your TV with the audio cable. (supplied)
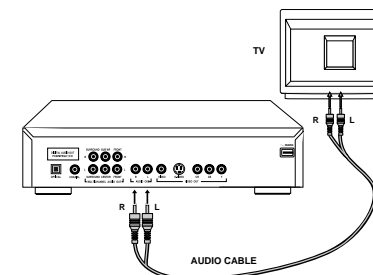
Connecting to an A/V receiver equipment

Digital multi-channel connection provides the best sound quality. For this you need a multi-channel receiver that supports one or more of the audio formats supplied by your DVD player (Dolby Digital(TM) (AC-3), MPEG 2 and DTS). Check the receiver manual and the logos on the front of the receiver.

Connect to A/V receiver with digital coaxial cable

● Connect the player's digital coaxial output to the corresponding input on the receiver using the digital coaxial cable(not supplied), it is just the same as audio cable which supplied in the package.

● You might need to set the item[DIGITAL OUTPUT] in setup menu for adapting your receiver. Please refer to the chapter [Setup Menu] for details.

● In this case, do not use the player's audio left and right output.
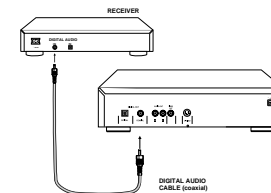
Connect to A/V receiver with digital optical cable

● Connect the player's digital optical output to the corresponding input on the receiver using the digital optical cable(not supplied), it is just the same as audio cable which supplied in the package.

● You might need to set the item[DIGITAL OUTPUT] in setup menu for adapting your receiver. Please refer to the chapter [Setup Menu] for details.

● In this case, do not use the player's audio left and right output.
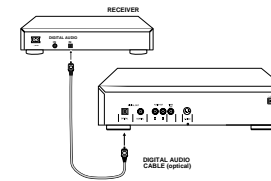
NOTE: If the audio format of the digital output does not match the capabilities of your receiver, the sound will be muted.

Analog connection to a multi-channel A/V receiver with 6CH connectors

● This DVD player contains a multi-channel decoder. This enables playback of DVDs recorded in multi-channel surround without the need of optional decoder.

● Connect the audio out jacks for center speaker; front speakers; surround speakers and subwoofer to the corresponding jacks on your reciever.

● Make the appropriate sound settings for [Speaker settings] in the setup menu. Please refer to the chapter [Setup Menu] for details.

● Only DVD discs have the multi-channel audio output, SVCD; VCD and CD have only audio left and right output.
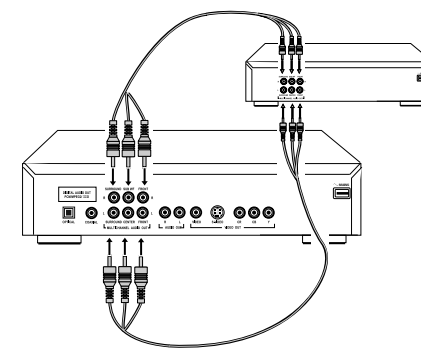
NOTE : If the subwoofer is equipped with its own amplifier, the subwooder connection should be connected dirctly to the subwoofer.
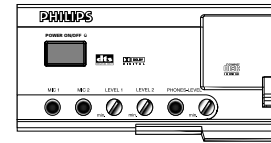
Turning on the power
● Press the power on/off button on the front panel to turn on or turn off the player.
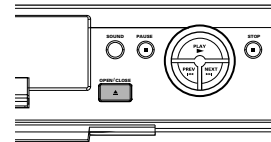
Loading discs
● Press OPEN/CLOSE button on the front of the player, the disc tray opens.
● Load your chosen disc in the tray, label side up (also when a double sided DVD is inserted). Make sure the disc is placed properly in the correct recess.
● Gently push the tray, or press OPEN/CLOSE button to close the tray.

Remote control battery installation
● Open the battery compartment cover.
● Insert two [AA] batteries as indicated inside the battery compartment.
● Close the cover.

Caution: Don't mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.)

Remote control operation
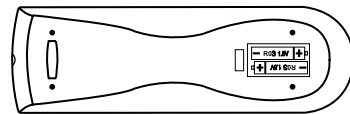● Unless otherwise mentioned, all operations can be carried out with the remote control. Always point the remote control directly at the player, making sure there are no obstructions in the path of the infrared beam.
● When there are corresponding keys in the front panel, they can also be used.

Icons and menu bar

During play, various icons will appear on the TV screen to confirm the function has been selected. You can get rid of these icons by pressing OSD button on remote control.

| Icon	Description	Icon	Description
←⊙	................Open the disc tray	▶½	......................Slow forward 1/2
→⊙	...............Close the disc tray	▶¼	......................Slow forward 1/4
⊘	...............No disc in disc tray	▶⅛	......................Slow forward 1/8
▶	......................................play	▶¹⁄₁₆	....................Slow forward 1/16
❚❚	...................................pause	◀½	....................Slow backward 1/2
▶■	..........stop at current position	◀¼	....................Slow backward 1/4
▶▶	...............Search forward(X1)	◀⅛	....................Slow backward 1/8
◀◀	...........Search backward(X1)	◀¹⁄₁₆	..................Slow backward 1/16
▶▶▶	...............Search forward(X2)	▶❙	....Next
◀◀◀	...........Search backward(X2)	❙◀	....Prev
▶❚❙	....Pause (Shows on display)	↩	....Return
■	.......Stop(play from the start)	🔳	..........................Menu Selection
		⊘	..............Operation not available

OSD (On Screen Display) banner icons
Any time during play, you can call up the OSD banner by pressing OSD button on remote control to check which functions are active.

Icon	Description
T 1/5	....Title /Track
C 1/3	....Chapter
🕐 0:00:13	...............................Total time/Playing time
🎥 1/3	....Angle
▥ 1/4	....Subtitle
🔊 DEF/1	....Language
↻OFF	....Repeat off
↻ T	....Title/Track Repeat
↻ C	....Chapter Repeat
↻A-	....Start point of A-B
↻AB	....Repeat from A to B
↻ D	....Repeat Disc
▯▮	.................................Dolby digital audio output
✏ ?	....Program
!⊘	....Bad disc

NOTE : The BAD DISC icon indicates you to clean the disc.
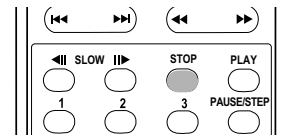
Video control during playback

STOP key on the remote control

● You can resume the play from the point at which you stopped last time if you just pressed the STOP key once. It will start from the begining if you pressed the STOP key tewice to stop a play back.

● If you unload the disc by press the key OPEN/CLOSE key on the remote control (or OPEN/CLOSE button on front panel) during playback, you can also achieve the resume play when you reload it again. Please pay attention to the mention ' resume' on screen and press PLAY key at the moment.

● The player can memorize five latest discs for resume play.
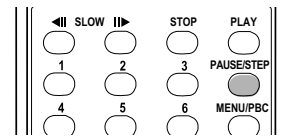
PAUSE/STEP key on the remote control

● To get a still picture, press PAUSE/STEP key during play.

● To step forward to the next picture frame, press PAUSE/STEP key again.

● To return to play, press PLAY key.
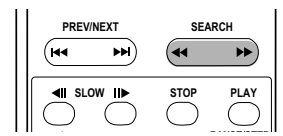
Search

● To search the content in fast speed, press SEARCH key for fast forward/rewind searching.

● Press the SEARCH key again to accelarite the speed during searching.

● While you find the point you want, press PLAY key to return to the normal play state.
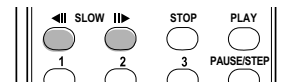
Slow Forward / Rewind

● To get slow motion effect during playback, press SLOW forward/rewind key.

● Press the SLOW key again, you can get different playback speeds.

● Use the PLAY key to return to the normal play state.

● Also you can return to the normal play state by just pressing the SLOW key. Refer to the diagram of the function loop.
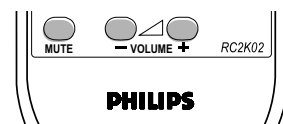
```
PLAY → SF 1/2 → SF 1/4
       SF 1/16 ← SF 1/8

PLAY → SR 1/2 → SR 1/4
       SR 1/16 ← SR 1/8
```
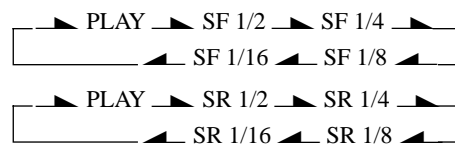
Audio control during playback

Mute

● Press the mute key to switch on/off the sound ouotput.

Volume

● Press the volume + or volume - to adjust the loudness.

Surround sound key

● The DVD decoder circuit can simulate seven virtual surround sound effect. they are stadium; Amphitheater; live; concert; church; passive; wide.

● Press the surround key (or the sound button in the front pamnel) to switch the sound effect. Refer to the chapter [Mode key] for details.
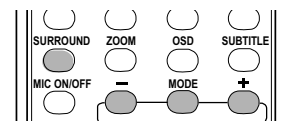
NOTE: The mute function; volume function and surround sound function won't have effect on digital coaxial output or digital optical output.

Playing title/chapter

```
---------------- DVD disc ----------------
----- title 1------    ---- title 2----
chapter 1   2   chapter3  chapter 1   chapter 2
```
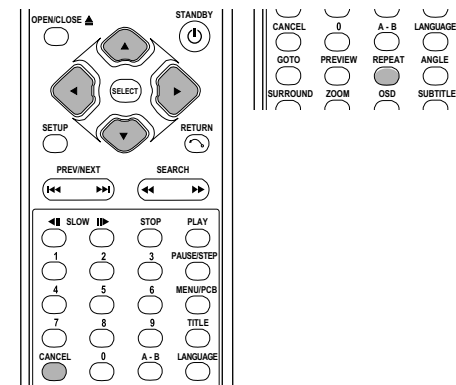
Title & chapter

A DVD disc may have one or more titles , and each title may have one or more chapters. It depends on the content (a movie, video clips, a drama series, etc) on the disc.
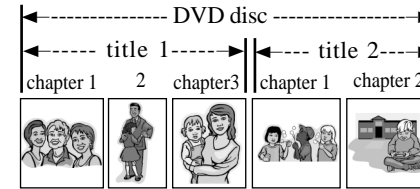
Playing a title

● After you load a disc, information about the content shows on the screen waiting for your selection. Likewise, you can press the TITLE key on the remote control to turn back to the title menu during playback.

● If the items of the menu are numbered, press the appropriate number key on the remote control, if not, use the ▲▼◄► keys to highlight your selection.

● Press tahe SELECT key to confirm your selection.

Playing a chapter

● While you have selected a title, it may include one or more chapters. To select a chapter is the same as to select a title.

● Any time you want to watch another chapter during playback, press MENU/PBC key to turn back to the chapter menu and chose it again.

REPEAT key

You can repeat playback a title or a chapter by press REPEAT key.
Pay attention to the hint on the screen.

● Press the REPEAT key once, repeat the current title.　↻T

● Press the REPEAT key twice, repeat the current chapter.　↻C

● Press the REPEAT key third time, quit repeat state.　↻OFF
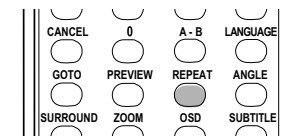
A-B key

A-B key enables you to chose a certain piece of program to repeat.
Pay attention to the hint on the screen.

● Press the A-B key once to set a start point.　↻A-

● Press the A-B key twice to set an end point. At the same monent, it begins to repeat from the start point.　↻AB

● Press the A-B key third time, quit A-B repeat state.　↻OFF
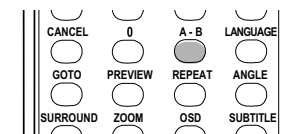
GOTO key

You can switch titles or chapters or play begining from any point of the disc by using GOTO key.

● Press the GOTO key once, you can set a certain title.

- Enter an available number then press the SELECT key to confirm it.

● Press the GOTO key twice, you can set a certain chapter.

- Enter an available number then press the SELECT key to confirm it.

● Press the GOTO key third times, you can set a start piont time.

- Enter an available number(e.g. 0:34:27) then press the SELECT key to confirm it.

● Press the GOTO key fouth times, quit the state.

T 1/5   C 1/3   🕐 0:00:13
              | playing time
         current chapter / total
current title / total
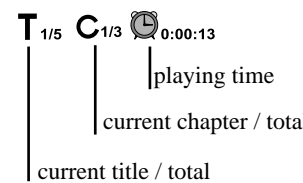
NOTE: GOTO key may have no effect on some DVD disc.

Special DVD feature

original size   zoomed size

Zoom
- Press the ZOOM key on the remote control, you will get the picture twice than the original size, press it again, you get it four times in size. Use the ▲▼◄► key to view the rest part of the zoomed picture.
- Press the ZOOM key the third times to return to the original size.

angle 1   angle 2

Camera angle
- Scenes which photoed from different camera angles can be recorded in a DVD disc, it enables you to watch a scene from different angles. You can switch the camera angles by just pressing the ANGLE key on your remote control.
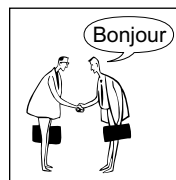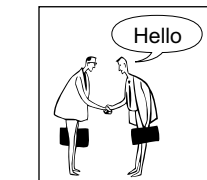
NOTE: the function can only be achieved with a DVD which has recorded several angles on it. When this kind of DVD disc is loaded, you can see the hint in OSD bar on the screen. 🎥1/3

Hello   Bonjour!

Changing audio languages
- If the DVD is recorded with multi-language audio track, you can select the language you want by pressing the LANGUAGE key on your remote control.
- When this kind of DVD disc is loaded, you can see the hint in OSD bar on the screen. 🔊DEF/1

Good morning   Bonsoir!
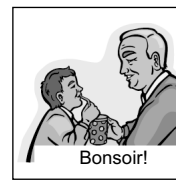
Changing subtitles
- If the DVD is recorded with multi-subtitle track, you can select the subtitle you want by pressing the SUBTITLE key on your remote control.
- When this kind of DVD disc is loaded, you can see the hint in OSD bar on the screen. 📑1/4

Icons and menu bar

During play, various icons will appear on the TV screen to confirm the function has been selected. You can get rid of these icons by pressing OSD button on remote control.

←⊙ ....Open the disc tray	▶½ ....Slow forward 1/2
→⊙ ....Close the disc tray	▶¼ ....Slow forward 1/4
⊘ ....No disc in disc tray	▶⅛ ....Slow forward 1/8
▶ ....play	▶1/16 ....Slow forward 1/16
❙❙ ....pause	▶❙ ....Next
▶■ ....stop at current position	❙◀ ....Prev
▶▶ ....Search forward(X1)	↵ ....Return
◀◀ ....Search backward(X1)	▦ ....Menu Selection
▶▶▶ ....Search forward(X2)	⊘ ....Operation not available
◀◀◀ ....Search backward(X2)	
▶❙❙ ....Pause (Shows on display)	
■ ....Stop(play from the start)	

OSD (On Screen Display) banner icons

Any time during play, you can call up the OSD banner by pressing OSD button on remote control to check which functions are active.

T 1/5 ....Title /Track
🕐 0:00:13 ....Total time/Playing time
▦ 1/4 ....Subtitle
🔊DEF/1 ....Language
↻OFF ....Repeat off
↻T ....Title/Track Repeatition
↻A- ....Chapter Repeatition
↻AB ....Start point of A-B
↻D ....Repeat from A to B
PBC ....PBC OFF
PBC ....PBC ON
✏? ....program
!💿 ....Bad disc

NOTE : The BAD DISC icon indicates you to clean the disc.

Disc Specification Icons

CD This icon indicates the following description of functions are availible for CD.

VCD This icon indicates the following description of functions are availible for VCD.

SuperVCD This icon indicates the following description of functions are availible for SVCD.

Video control during playback

SuperVCD VCD PAUSE/STEP key on the remote control

- To get a still picture, press PAUSE/STEP key during play.
- To step forward to the next picture frame, press PAUSE/STEP key again.
- To return to play, press PLAY key.

SuperVCD VCD Search
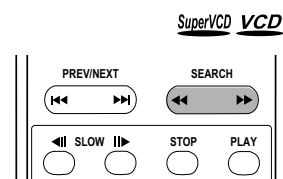
- To search the content in fast speed, press SEARCH key for fast forward/rewind searching.
- Press the SEARCH key again to accelarite the speed during searching.
- While you find the point you want, press PLAY key to return to the normal play state.
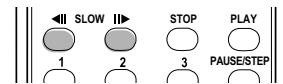
SuperVCD VCD Slow Forward

- To get slow motion effect during playback, press SLOW key.
- Press the SLOW key again, you can get different playback speeds.
- Use the PLAY key to return to the normal play state.
- Also you can return to the normal play state by just pressing the SLOW key. Refer to the diagram of the function loop.

PLAY → SF 1/2 → SF 1/4 → SF 1/8 → SF 1/16

Audio control during playback

SuperVCD VCD CD Mute
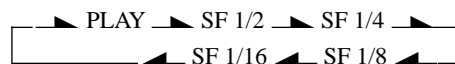
- Press the mute key to switch on/off the sound output.

Volume

- Press the volume + or volume - to adjust the loudness.
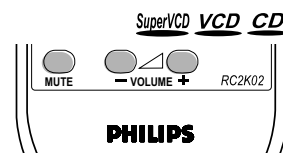
PHILIPS

SuperVCD VCD CD Surround sound key

- The DVD decoder circuit can simulate seven virtual surround sound effects. they are stadium; Amphitheater; live; concert; church; passive; wide.
- Press the SURROUND key (or the sound button in the front pamnel) to switch the sound effect. Refer to the chapter [Mode key] for details.
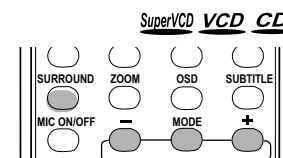
SuperVCD VCD Audio channel selection

- SVCD has two stereo audio channels which are used for playing karaoke or the audio language selection. (for a instance, you can chose one channel for only the music background of the song while you play the karaoke.)
- Press the LANGUAGE key on the remote control to select the audio channels you want.
- VCD has only one stereo audio channel, you can mute the left speaker or the right speaker by pressing the LANGUAGE key on the remote control.
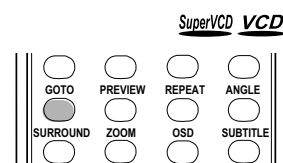
Playing title/track

SuperVCD VCD Use PBC (PlayBack Control)

- Playback control is a kind of title/track index protocol between player and discs. When a disc is recorded with a standard VCD or SVCD format, there will be a menu which include titles/tracks for user to select the content of a moive or other video programs.
- When you switch on the PBC function you will enter the index menu which are aviliable for selection after loading the SVCD or VCD disc. On the contrary, if you switch PCB function off, you will just start the disc from the beginning.
- You can switch the PCB function simply by pressing the MENU/PCB key on the remote control. Pay attention to the icon in the menu bar on the screen. PBC PBC
- If the items of the index menu are numbered, press the appropriate number key on the remote control, if not, use the ▲▼◄► keys to highlight it, then press the SELECT key to confirm your selection.
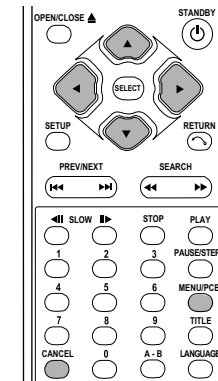
SuperVCD VCD Nine pictures preview

- Some SVCD/VCD discs do not have standard menu structure, so you can't use PBC to select titles or tracks. But this player also offers you NINE PICTURES DIGEST function for the content preview. Remember when the NINE PICTURES DIGEST function is active, the PBC function is turned off automatically.
- The nine pictures function is a function which averagely divides the content of the disc into nine parts and shows the start picture of every part on the screen. With the nine pictures screen show, you can easy to search the part you want to watch by pressing PREVIEW key on remote control.
- Karaoke discs have their certain format, when you use this function, it shows in tracks. In most cases the tracks in a disc will be more than nine, at the moment you can use the keys PREV/NEXT to turn to the next page for more pictures.
- Not only you can view the tracks, but also view a track by pressing the PREVIEW key again. The function will averagely divides the track into nine parts as well as it does to the whole disc.
- Press PREVIEW key on the remote control to view the nine pictures on the screen, both you can use the number keys or the ▲▼◄► keys on the remote control to select the start picture of the divided content which you want to watch.
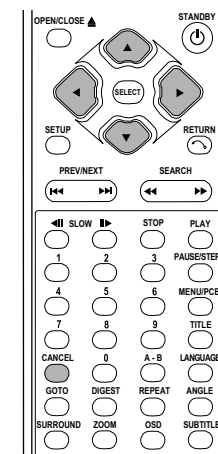
Playing a SuperVCD/VCD/CD
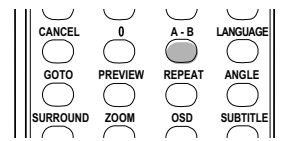
A-B key

SuperVCD VCD CD

A-B key enables you to chose a certain piece of program to repeat.
Pay attention to the hint on the screen.
- Press the A-B key once to set a start point. ↻A-
- Press the A-B key twice to set an end point. At the same monent, it begins to repeat from the start point. ↻AB
- Press the A-B key third time, quit A-B repeat state. ↻OFF

REPEAT key

SuperVCD VCD CD
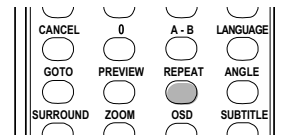
You can repeat to playback a track or a chapter by press REPEAT key.
Please turn the PBC off at the moment.
Pay attention to the hint on the screen.
- Press the REPEAT key once, repeat the current track. ↻T
- Press the REPEAT key twice, repeat the whole disc. ↻D
- Press the REPEAT key third time, quit repeat state. ↻OFF

GOTO key

SuperVCD VCD CD
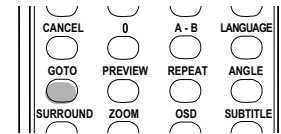
You can switch titles or play begining from any point of the disc by using the GOTO key. The operation will be some different between PBC ON and PBC OFF.

With the state of PBC OFF: PBC
- Press the GOTO key once, you can set a certain title.
- Enter an available number then press the SELECT key to confirm it.
- Press the GOTO key twice, you can set a start piont time.
- Enter an available number(e.g. 0:34:27) then press the SELECT key to confirm it.
- Press the GOTO key the third times, quit the state.

T 1/5 ⏰ 0:00:13 ──── playing time
                    ──── titles

With the state of PBC ON: PBC
- Press the GOTO key once, you can set a start piont time.
- Enter an available number(e.g. 0:34:27) then press the SELECT key to confirm it.
- Press the GOTO key the again, quit the state.

NOTE: GOTO key may have no effect on some VCD/SVCD disc.

Playing a SuperVCD/VCD/CD

Special VCD feature

SuperVCD VCD

Zoom
- Press the ZOOM key on the remote control, you will get the picture twice than the original size. Use the ▲▼◀▶ key to view the rest part of the zoomed picture.
- Press the ZOOM key the again to return to the original size.

RESUME PBC

SuperVCD VCD

- At the state of PBC OFF, you can resume the play from the point at which you stopPed last time if you just pressed the STOP key once. It will start from the begining if you pressed the STOP key twice to stop a play back.
- If you unload the disc by press the key OPEN/CLOSE key on the remote control (or OPEN/CLOSE button on front panel) during the playback, you can also achieve the resume play when you reload it again. Please pay attention to the mention ' resume' on screen and press PLAY key at the moment.
- The player can memorize five latest discs for resume play.

KARAOKE

General operation
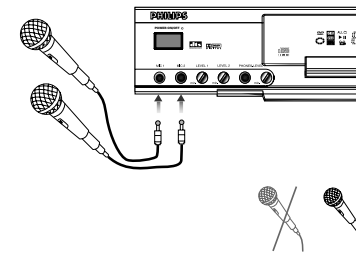
- Insert the plug of mirophone into MIC jack. Be sure the player has properly connected to your TV or audio system.

- Press the MIC key on the remote control to switch the karaoke function on. You can see the function menu appears on the screen shows the mention of the reaction.

- Load a karaoke disc, press PLAY key to start to play. Remember to turn your microphone on.
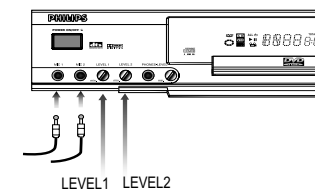
Microphone volume adjustment
- You can adjust the volume of microphone connected to MIC 1 jack by turning the knob LEVEL 1.
- You can adjust the volume of microphone connected to MIC 2 jack by turning the knob LEVEL 2.

LEVEL1 LEVEL2

Extra functions

You can enter the function menu by pressing the MODE key on the remote control. The appeared menu enable you to play karaoke with different ways and to simulate different sound effects. Likewise, there are some other functions in three other pages (you can turn the page by pressing MODE key) which concern to more functions besides karaoke, you can find the introduction of them in chapter [MODE key].

Pressing the MODE key to active the function menu and turn to page karaoke. You will see a menu with nine items appearing on the screen. In this menu you can use ▲▼keys on remote control to change the items, use the +/- key to select choices you want, use the CANCEL key to quit the function menu.
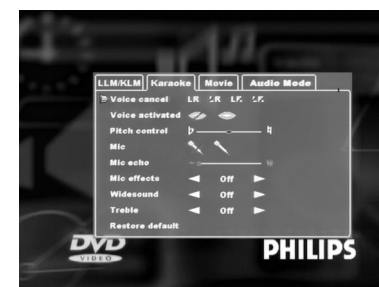
VOICE CANCEL   available for only VCD and SVCD karaoke discs
- Stereo audio output includes two channels, they are left channel and right channel. The function VOICE CANCEL enables you to mute one or both of that two channels, so you can play karaoke only with music background or vocal sound.
- Press the key to turn to the item VOICE CANCEL, use the key to choose the option.
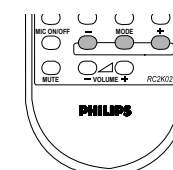
KARAOKE

VOICE ACTIVATE   available for only VCD karaoke discs

● This function is designed especially for karaoke. You can imagine the situation that a song need both male and female singer to performance, how do you enjoy it youself only? That is the point of the function.

● First, switch the VOICE ACTIVATE on, turn back to item VOICE CANCEL chosing the R to mute vocal sound in /the song, then you will find that the vocal sound still exist unless you start to sing. While you are singing, only the music background is active, when you stop singing, the vocal soung comes back immediately.
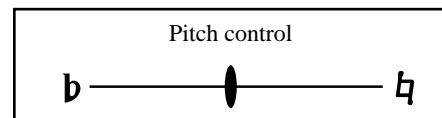
Pitch control

● You can adjust the pitch to adapt your vocal by using the +/- key.

MIC

● This item is the switch of turning on/off the microphone. The effect is just the same as the key MIC on remote control.

● Press the ▲▼ key to select the item and use ◄► key to turn on or turn off the mirophone.
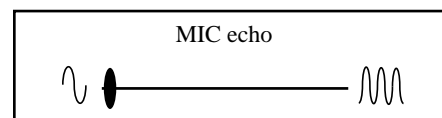
MIC echo

● You can increse MIC echo or decrease it by pressing the ◄► key.

Mic effects

● This function is used to simulate special effect of your vocal, it makes your voice sounds like the harmony, chorus or flange.

● Press the ▲▼ key to select the item and use ◄► key to chose the MIC effect.

Wide sound

● This function simulates a wide environment space. There are three options for you choose: low; medium; high.

● Press the ▲▼ key to select the item and use ◄► key to set wide sound effect.

Treble

● This function is used to increase the volume of treble. It makes you more relax in singing a high pitch song.

● Press the ▲▼ key to select the item and use ◄► key to chose a certain treble increase.

Restore default

● This item is used to reset all items to factory default, all your personal setting will be erased.

● Press the ▲▼ key to select the item and then press the SELECT key to confirm your decision.
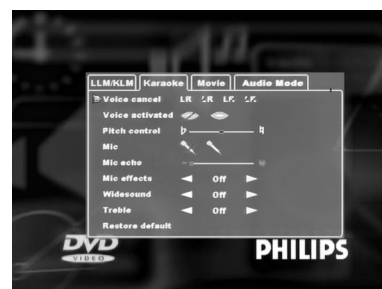
Setup Menu
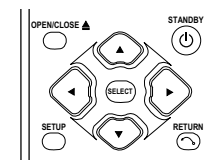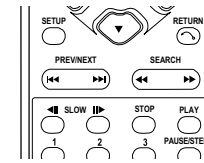
Enter setup menu --- **Press STOP key first**

● Press the SETUP key on your remote control to enter the Setup Menu. Remember that you can only enter the Setup Menu at the state of STOP, the SETUP key will not have any respond if you press it during playback.

● The setup menu will appear on the screen when you press the SETUP key, operation in the menu only needs DIRECTION keys, SELECT keys, RETURN key and SETUP key. You can use DIRECTION keys ▲▼ to choose an item, use DIRECTION keys ◄► to select an option in the item, use SELECT key to enter a submenu or confirm your selection, use the SETUP to save and quit setup.

● When you quit the setup, the setting will be stored in the player and it won't lost even if it is powered off.

Audio language

● DVD discs are available for recording maximum to 8 audio languages. So this item is used to choose one of them as default audio language.

● You can use ▲▼ keys to highlight it then use ◄► keys to select one of the audio languages in the list of the item. Press SETUP key to save and quit the Setup Menu.

● Your DVD disc may not include the audio language which you set in the Setup Menu. If so, the player will use the first audio language track as the default audio language.

● You can use the LANGUAGE key on the remote control to switch the audio languages you want. If the DVD records with multi_language, the icon will appear on the screen. See the chapter [Playing a DVD video disc] for details.
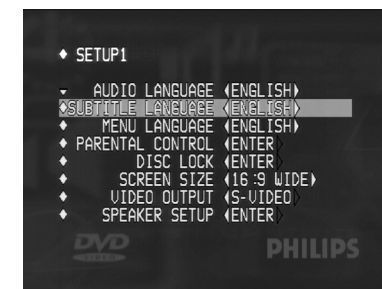
Subtitle Language

● DVD discs are available for recording maximum to 8 subtitle languages. So this item is used to choose one of them as default subtitle language.

● You can use ▲▼ keys to highlight it then use ◄► keys to select one of the subtitle languages in the list of the item. Press SETUP key to save and quit the Setup Menu.

● Your DVD disc may not include the subtitle language which you set in the Setup Menu. If so, the player will use the first subtitle track as the default subtitle language.

● You can use the SUBTITLE key on the remote control to switch the subtitle languages you want. If the DVD records with multi_subtitle, the icon will appear on the screen. See the chapter [Playing a DVD video disc] for details.

Menu Language

● A DVD movie may have a menu which let you choose which chapter do you want to start with or something. Also the menu may be made in different languages, so the item is set for the selection of multi menu language.

● You can use ▲▼ keys to highlight it then use ◄► keys to select one of the subtitle languages in the list of the item. Press SETUP key to save and quit the Setup Menu.

fig .1
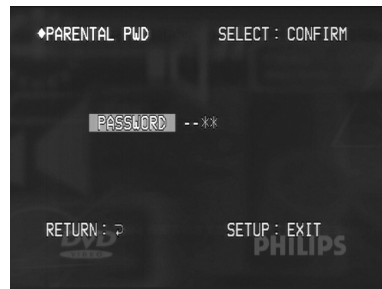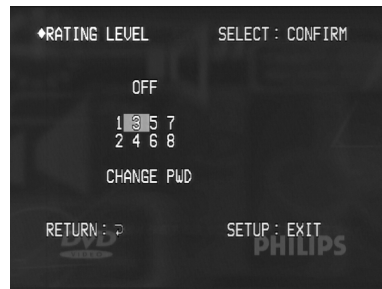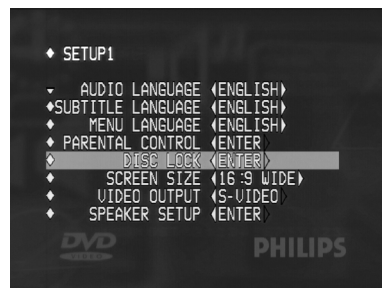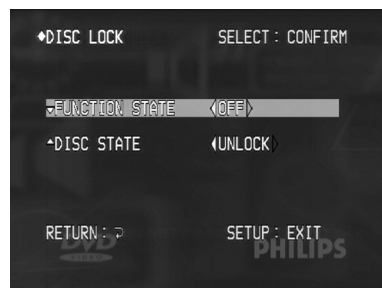
Parental control

● DVD disc can be set with levels which define the movie digrees of violence, horror or iroticism. There are 8 degrees defined in a standard literature for the setting by distributors. Form level 1 to level 8, the ponderance increases gradually. If the parental control is activated, only the movies which the digree is lower than the level you set can be admitted to show, ortherwise, you have to enter the password for authorization.

● VCD, SVCD, CD has no level defination, so parental control function has no effect on those kind of discs. Most of illegal DVD discs don't have level defination.

● You can follow the steps below to setup the parental control:

1. Highlight the item PARENTEL CONTROL by using the ▲▼ key , press the key SELECT to enter the submenu. (Refer to the illustration fig. 1)

2. Enter the password to log in. You can enter the superuser code 7890 to log in the submenu at the first time by presssing the number keys on the remote control, then press SELECT key to confirm it. (Refer to the illustration fig. 2)

3. Use the ▲▼ keys to set the item: OFF denotes parental control to be closed; number 1- 8 denotes the authorized level; CHANGE PASSWORD enables you to reset a user password by pressing SELECT key on the remote control to enter the sub menu. (Refer to the illustration fig. 3)

4. Press SETUP key to save and quit setup when you finish it. The parental control is active right away.

NOTE:

a. You can use the superuser password 7890 log in or open the parental lock at any time, even if you have set a password.

b. The parental control only limits the player to playback a high level DVD, it doesn't lock the DVD disc. So the disc can still be played in another apparatus.

fig .2

fig .3

Disc lock

● Although you can't use parental control on VCD and SVCD disc, but you still have the choise of using disc lock to limit them playing on your player.

● The function disc lock can lock discs maximum to 80s. When lock the current disc, the player will record its serial number for the recognization. Next time it is loaded, the user will be asked to enter password, if the password is wrong, it will be forbidden to playback.

● The password is the same as it in parental control. Also, you can use the superuser code 7890 to open the disc lock if you forget the password.

● You can follow the steps below to set the disc lock:

1. Highlight the item DISC LOCK by using the ▲▼ key , press the key SELECT to enter the submenu. (Refer to the illustration fig. 4)

2. Enter the password to log in. You can enter the superuser code 7890 to log in the submenu at the first time by presssing the number keys on the remote control, then press SELECT key to confirm it. (Refer to the illustration fig. 5)

3. There are two items in the submenu, they are FUNCTION STATE and DISC STATE. The first item, FUNCTION STATE, determines whether the disc lock function is active or not; the DISC STATE determines the operation to the current disc, you can chose LOCK or UNLOCK. If you see INVAILABLE showing in the item, it means the disc can't be lock.

4. Press the SETUP key to save and quit the setup when you finish setting.

fig .4

fig .5
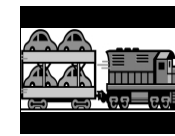
4:3 LB

fig .1
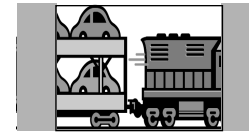
4:3 PS

fig .2
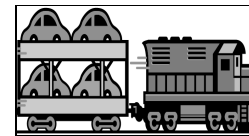
16:9 wide screen

fig .3
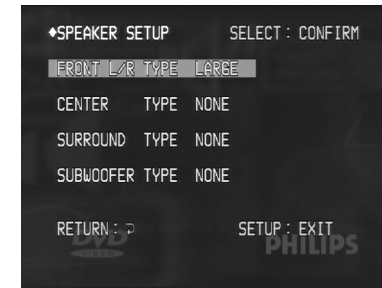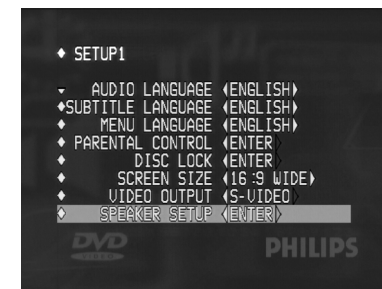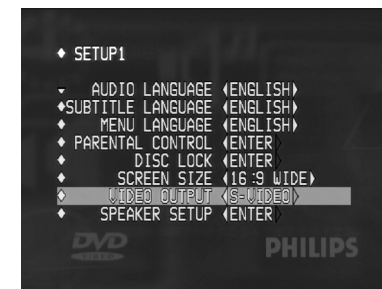
Screen size

● The common TV screen size rate is 4:3, but there is also a kind of TV screen which its size rate is 16:9, as wide as the screen in cenima. It is what we call 'wide-screen'.

● If a disc is recoded in the size of wide-screen, it will have some trouble in playing on a normal TV set. That is what the function SCREEN SIZE is designed for.

● There are three selections in the item to modify the distorted screen picture:

1. 4:3 LB --- used for 16:9 format movie discs play in 4:3 TV set. it sacrifices certain top and bottom screen space for getting 16:9 picture size. (refer to fig .1)

2. 4:3 PS --- used for 16:9 format movie discs play in 4:3 TV set. it sacrifices certain picture part for getting 4:3 effect. (refer to fig .2)

3. 16:9 wide-screen --- used for 16:9 format movie discs play in 16:9 TV set. if the disc is recorded in 4:3 format, the picture will also have some distortion.

● You can use ▲▼ keys to highlight item SREEN SIZE then use ◄► keys to select a proper option. Press SETUP key to save and quit the Setup Menu.

Video output

● The item is used to choose the way of the video output. There are two options in the item: S-video and YUV (Y/C$_R$/C$_B$). Refer to the chapter [video connection].

● You can use ▲▼ keys to highlight item SREEN SIZE then use ◄► keys to select a proper option. Press SETUP key to save and quit the Setup Menu.

● Whether you choose S-video or YUV output, the CVBS video output will work as usual.

Speaker setup

● It is necessary for you to setup SPEAKER SETUP when you use multi_channel audio output, turn on the center speaker, surround speaker and subwoofer. (refer to the chapter [connection])

● You can use ▲▼ keys to highlight item SPEAKER SETUP then press SELECT key to enter the submenu.

● After entering the submenu, you can see there are four items set in factory default. It is for the stereo audio output, not for the multi_channel audio output. Changing the option you can use ▲▼ keys to highlight items then press SELECT key to enter the second level submenu. Refer to the illustration.
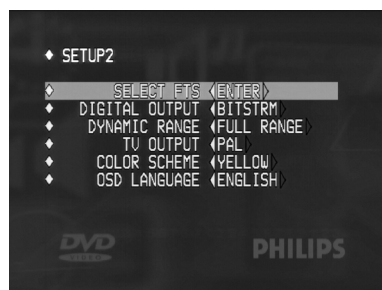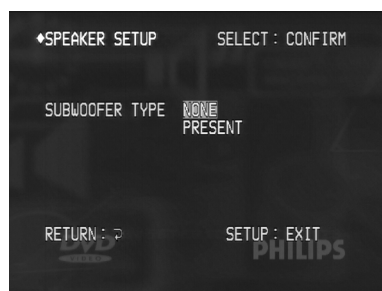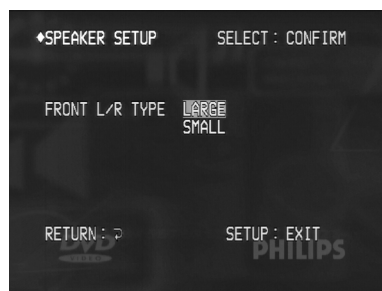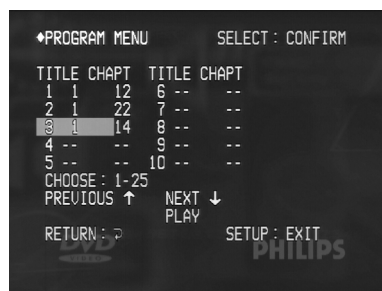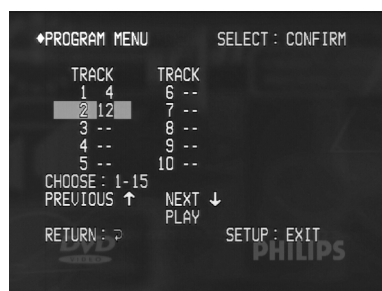
●At second level submenu, you can simply use ▲▼ key and SELECT key to change and confirm options, use RETURN key to turn back to the main menu.

●For a instance, set the front speaker. There are two options in the item, one is LARGE, the other is SMALL. LARGE means the large speaker which can reproduce the sound lower than 50Hz; small means the contrary, the speaker have no the capability of reproducing bass. The option is set for the substitution of subwoofer, if you don't have subwoofer, the LARGE option makes the bass component output from front speaker instead. Follow this way, you can set the items CENTER, SURROUND and SUBWOOFER.

APPENDIX: Here are some useful information which can help you to setup speakers.

1. A standard DVD disc is recorded with multi_channel audio tracks, and these audio channels cooperate reproducing the sound environment which is so called HOME CINEMA. The center speaker is used to output dialogs in a movie. So if the item CENTER TYPE is closed, you won't hear the conversation of a movie.

2. Sound which comes from rear place is not as sensitive as it comes from front, so it is enough to use small speaker for surround type.

3. People can't distinguish the direction of low frequency sound, so you can furnish the subwoofer in any place in the room.

FTS - Favorite Track Selection

●FTS enables you to play a VCD or DVD karaoke disc in a certain order of tracks, the maximum quantity can be 20 and every track can be stored several times.

●You can set your FTS for a DVD karaoke disc following the steps below:
1. Use ▲▼ keys to highlight item SELECT FTS then press SELECT key to enter the submenu. (Refer to fig .2)
2. In the submenu, you need to input titles and chapters you like. (You can see the hint on the screen which shows the range you can choose, if you enter a umber which is out of the range, it won't be accepted.)
3. Pressing the SELECT key on the remote control, input a number of title in the highlighted line, then press SELECT key again. Now the cursor moves to the chapter column. Input an available number of chapter, press SELECT key to close setting this track.
4. Use ▲▼ keys to move the cursor to next line, set another track in this way. Pressing PLAY key to start playing FTS.

●VCD karaoke discs don't have titles and chapters, only have tracks. So you need only set the tracks.
●You can set your FTS for a DVD karaoke disc following the steps below:
1. Use ▲▼ keys to highlight item SELECT FTS then press SELECT key to enter the submenu. (Refer to fig .3)
2. In the submenu, you need to input the number of your favorite tracks. (Also see the hint on the screen which shows the range you can choose, if you enter a umber which is out of the range, it won't be accepted.)
3. Press SELECT key on the remote control, input an available nomber of tracks in the highlighted line then press the SELECT key again to confirm it.
4. Use ▲▼ keys to move the cursor to next line, set another track in this way. Pressing PLAY key to start playing FTS.

fig .1

fig .2

fig .3

Digital output

●Audio output has two ways, they are digital audio output and analog audio output. The digital audio output combines multi_channel analog audio output through an optical cable or a coaxial cable, it can't be reproduced directly to sound unless it is analysised by a decoder circuit in the DVD player or a reciever.

●Digital audio output has different format, one of them is bit-stream (BITSTRM), it is for the Dolby Digital (also known as AC-3 or Dolby 5.1) decode; the other is LPCM, it is for the Linear Palus Coder Modulate decoder.

●After you verify your decoder instrument, you can setup the item by this way: Use ▲▼ keys to highlight item DIGITAL OUTPUT then use ◄► keys to select a proper option. Press SETUP key to save and quit the Setup Menu.

Dynamic range

●Dynamic range is used to control original sound loudness of a movie automatically.
●There are three options in the item:
1. FULL RANGE : Do not compress the dynamic range.
2. STANDARD TV : Compress the dynamic range for standard TV.
3. NIGHT TIME : Reduce the loud sound and increase faint soud, make it fit for watching during night time.

NOTE: The D.R.C function compress only has effect on low frequency signal.

TV output

●There are two major Television standards, one is PAL, it is popular in Asia; the other is NTSC (National Television Systems Committee) which is popular in America. Now most of TV can play with both of these two standards, but if your TV is old fashioned, you should setup the item to make it fit your TV.

●You can setup the item by this way: Use ▲▼ keys to highlight item TV OUTPUT then use ◄► keys to select a proper option. Press SETUP key to save and quit the Setup Menu.

Color scheme

● You can choose the color of letters and icons as you like.
● Setup the item by this way: Use ▲▼ keys to highlight item COLOR SCHEME then use ◄► keys to select a proper option. Press SETUP key to save and quit the Setup Menu.

OSD language

● You can change the On-Screen Display language.
● Setup the item by this way: Use ▲▼ keys to highlight item OSD LANGUAGE then use ◄► keys to select a proper option. Press SETUP key to save and quit the Setup Menu.

MODE key
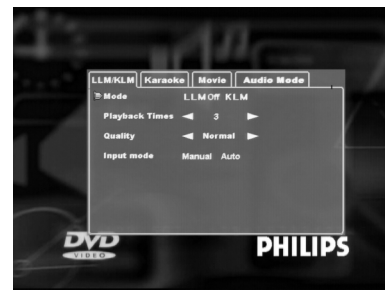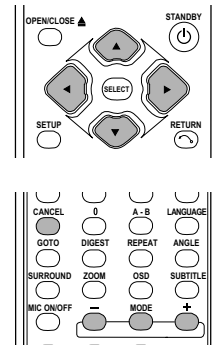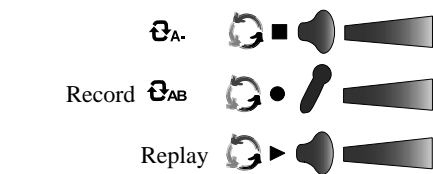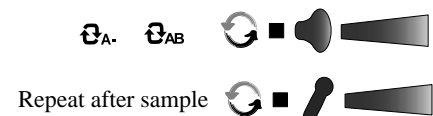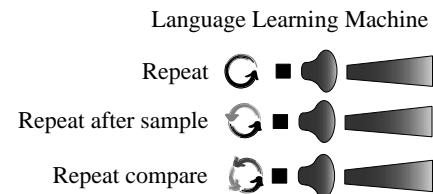
General indroduction

● You can call the function menu by pressing MODE key on the remote control.
● There are four pages in the function menu: LLM & KLM, Karaoke, Movie, Audio Mode. You can turn the page by pressing MODE key.

● You can use CANCEL key on the remote control to save and quit function menu.

NOTE: If the sound is some strange when you play a movie, it may because of the function menu is still in Karaoke state with special sound effect setup. If so, you need to turn the page to Movie, or, for DVD disc, turn to Audio Mode page for DVD disc.

Function explanation

Page LLM & KLM   only available for VCD and SVCD
There are four items in this page, they are : LLM OFF KLM; Playback time; Quality; Input mode.

LLM   OFF   KLM

1. LLM and KLM

● LLM means Language Learning Machine, it designed for learning language --- repeat a certain paragraph and record your pronunciation. It helps you to study language through a movie.
● There are three playback functions in LLM, you can see the icons on the screen. Repeat: repeating the selected paragraph certain times. (Playback times) Repeat after sample: repeating the selected paragraph once, then mute the sound, repeat picture only for you to read it. The process recycles certain times. (Playback times) Repeat compare: recording the selected paragraph and your reading, then repeat it. You can compare the original sound and your voice.
● Press the - key on the remote control to chose LLM mode.

● Use 'Repeat after sample' you have to choose a paragraph for repeating first. Press A-B key on the remote control once, set the start point, you will see the hint 🔄A- on the OSD bar; press it again, set the end point, see the hint 🔄AB .
● When you set the end point, the player turns back to play from the start point with the sound muted, so that you can read after the sample.

● Use 'Repeat compare' you also need to set the paragraph, also, use the key A-B to set the start point and the end point. when you set the end point, the player turns back to play from the start point and begins to record your voice. (See the icon left)
● When the recording comes to the end point, it stops and replay this paragraph with both original voice and your voice.
● Remember the recording time is limited, see the item Quality for details.

Language Learning Machine
Repeat
Repeat after sample
Repeat compare

Repeat after sample

Record
Replay

Karaoke Learning Machine

● You can use the + key on the remote control to choose the KLM mode. See the icon on the screen.
● You need to set a start point for recording your singing. Press A-B key to start recording, see the icon on screen 🔄A- ; when you finish recording, press A-B key again to set the end point, see the icon 🔄AB on the screen. Then the player start to replay the paragraph with both your voice and music background.
● Remember the recording time is limited, see the item Quality for details.

Record
Replay
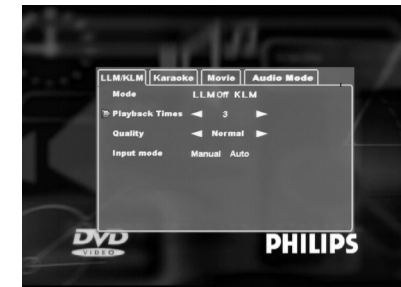
2. Playback times

● This item set the playback times for LLM and KLM, so it won't repeat umpteenth times like it is in common play.
● you can use ▲▼ keys to select items and use +/- keys or ◄► keys to change the Playback times, the number is up to 8 times.

3. Quality

● Sound record quality determines how long you can record. If you use high quality to record, it can last about 75 seconds; if it is low, it is about 150 second.
● you can use ▲▼ keys to select items and use +/- keys or ◄► keys to change the Quality of sound record.

4. Manual   Auto

● You can set the paragraph for LLM or KLM manually or automatically.
● If you select Manual, you need to set the start point and the end point by using the key A-B.
● If you select Auto, the player will repeat or record (depends on the function you selected in LLM or KLM) automatically. That means it will start when the voice starts, end when the voice disappears.
● you can use ▲▼ keys to select items and use +/- keys or ◄► keys to select whether use Manual or Auto.
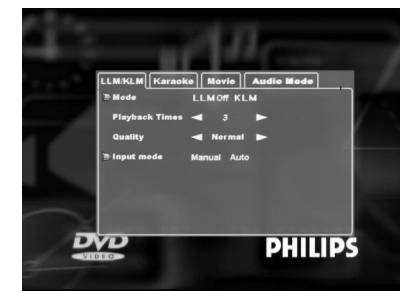
Page Karaoke

● Press the MODE key on the remote control to turn to page Karaoke, the sound effect setting for karaoke is active right away. Refer to chapter [KARAOKE] for details.
● you can use ▲▼ keys to select items and use +/- keys or ◄► keys to change the options of the item in this page.

Page Movie

● There are two items in this page: Sound fields and Graphics equalizer.
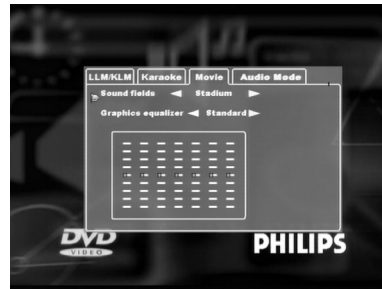
● Sound field provide you seven kind of virtual surround sound effect. they are stadium; Amphitheater; live; concert; church; passive; wide.

● You can use +/- keys or ◄► keys to change the options of the item.

● Also you can use the SOUND key on remote control to switch the options, it is the same to use the SOUND button on front panel.

● Graphic equalizer includes four options: Standard; Classic; Rock; User. You can either use the option Standard; Classic; Rock, or personalize the option User youself.

● You can setup the User option following the steps below:

1. Use ◄► keys to select the User option, press the SELECT key on remote control to enter the further setup.

2. Use ◄► keys to select different frequency, use ▲▼ keys to adjust the loudness on this frequency. Press SELECT key to save and quit the option.

Page Audio Mode
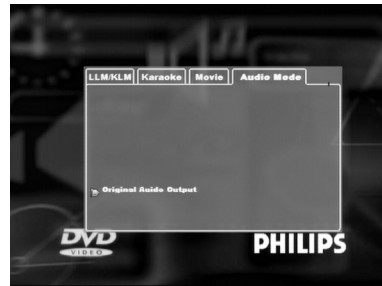
● There are only one item in this page --- Digital Audio Output. It outputs audio signal without doing any handling. It's usually used for DVD movie with perfect digital audio output such as DTS or Dolby Digital.

● You can use MODE key on the remote control to turn to the page Audio Mode, press SELECT key to confirm it.

Disc maintains

Some problems occur because the disc inside the player is dirty. To avoid those problems clean your discs regularly, in the following way:
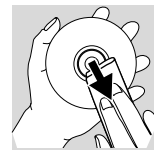
● When the disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from center to out side.

CAUTION: Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for analog discs.

Environmental information

All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your set consists of material which can be recycled if disassembled by a specialized company. please observe the local regulations regarding to the disposal of packing materials, dead batteries and old equipment.

Before requesting service

If it appears that the DVD-Video player is faulty, first consult this checklist. It may be that something has been overlooked. **Under no circumstances should you try to repair the player yourself; as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.**

Look for the specific symptom(s). Then perform only the actions listed to remedy the specific symptom(s).

Symptom / Remedy

Symptom	Remedy
No power	Check if the on/off button on the front of the player is set to on. Check if there is power at the AC outlet by plugging in another appliance.
No picture	Check if the TV is switched on. Select the same channel and source on the TV as on the player. Check the video connection.
Distorted picture	Check the disc for fingerprints and clean with a soft cloth, wiping from center to edge. Sometimes a small amount of picture distortion may appear .This is not a malfunction.
Completely distorted picture or no color with player menu.	If the picture is distorted completely or if the picture rolls vertically, make sure the NTSC/PAL setting at the DVD player matches the video signal of your television. If your TV video signal is NTSC, select the NTSC setting at the DVD player. If your video signal is PAL, select the PAL setting - see **NTSC/PAL SETTINGS**.
Distorted or Black/White picture with DVD or Video CD.	The disc format does not match your TV's video signal (PAL/NTSC).
No sound	Check audio connections. If you are using a HiFi amplifier, try another sound source.
Distorted sound from HiFi amplifier.	Check to make sure that no audio connections are made to the amplifier phono input.
No audio at digital output.	Check the digital connections. Check the settings menu to make sure the digital output is set to ALL or PCM. Check if the audio format of the selected audio language matches your receiver capabilities.
Disc can't be played.	Ensure the disc label is facing up. Clean the disc. Check if the disc is defective by trying another disc. Check to see if the disc is defective, badly scratched or warped (not flat)
No return to start-up screen when disc is removed.	Reset by switching the player off, then on again. Check to see if the program requires another disc to be loaded.
The player does not respond to the remote control.	Aim the remote control directly at the sensor on the front of the player. Remove any obstacles between the player and the remote control. Inspect or replace the batteries in the remote control.
Buttons do not work.	In order to completely reset the player, unplug the AC cord from the AC outlet for a few seconds.
Player does not respond to all operating commands during playback.	Operations are not permitted by the disc. Refer to the instructions of the disc.
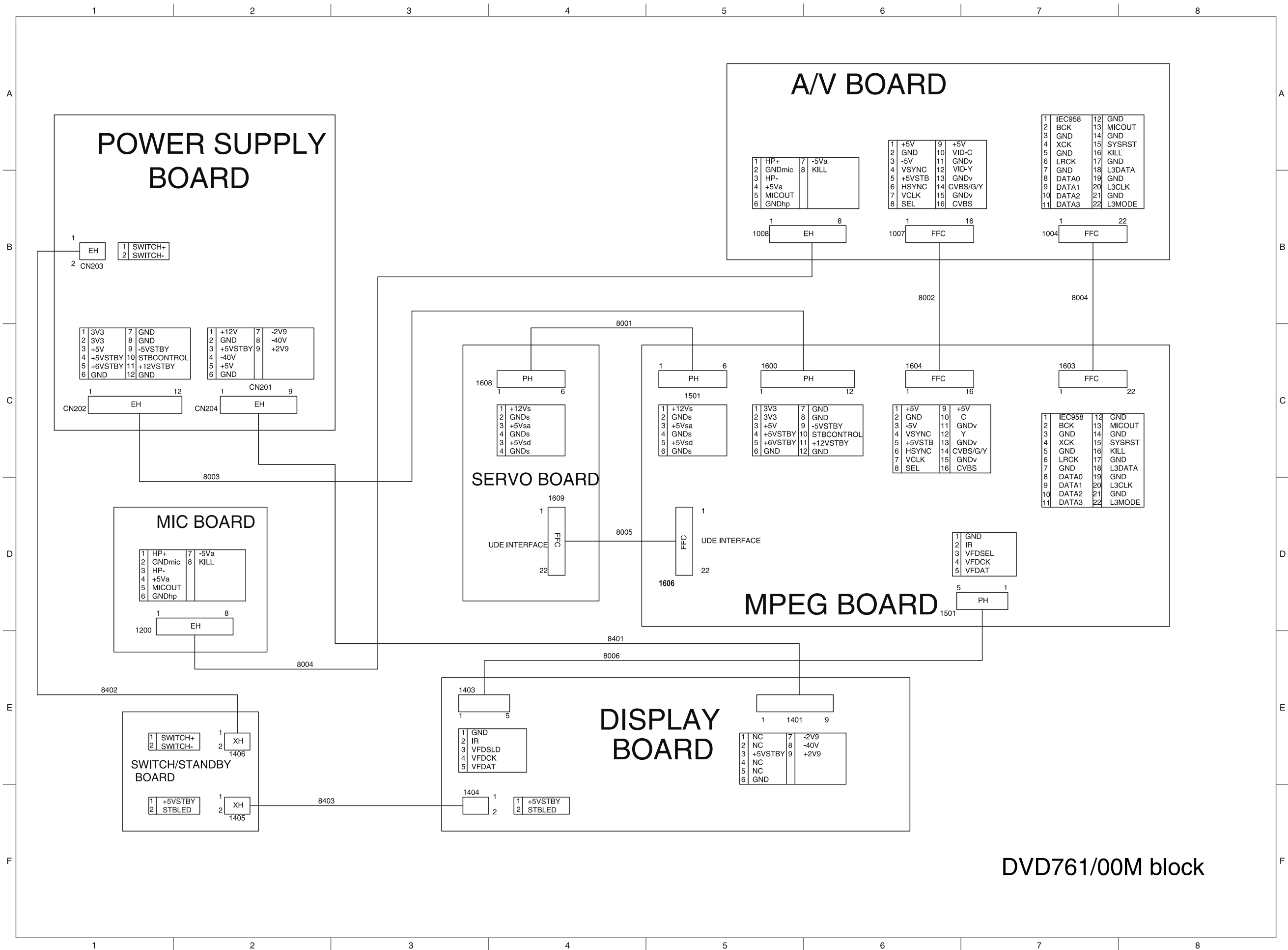
A/V BOARD

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2	GNDmic	8	KILL	
3	HP-			
4	+5Va			
5	MICOUT			
6	GNDhp			

1	+5V	9	+5V
2	GND	10	VID-C
3	-5V	11	GNDv
4	VSYNC	12	VID-Y
5	+5VSTB	13	GNDv
6	HSYNC	14	CVBS/G/Y
7	VCLK	15	GNDv
8	SEL	16	CVBS

1	IEC958	12	GND
2	BCK	13	MICOUT
3	GND	14	GND
4	XCK	15	SYSRST
5	GND	16	KILL
6	LRCK	17	GND
7	GND	18	L3DATA
8	DATA0	19	GND
9	DATA1	20	L3CLK
10	DATA2	21	GND
11	DATA3	22	L3MODE

1008 1 EH 8
1007 1 FFC 16
1004 1 FFC 22

8002   8004

POWER SUPPLY BOARD

1 EH
2 CN203

1 SWITCH+
2 SWITCH-

1	3V3	7	GND
2	3V3	8	GND
3	+5V	9	-5VSTBY
4	+5VSTBY	10	STBCONTROL
5	+6VSTBY	11	+12VSTBY
6	GND	12	GND

1	+12V	7	-2V9
2	GND	8	-40V
3	+5VSTBY	9	+2V9
4	-40V		
5	+5V		
6	GND		

CN201
CN202 1 EH 12
CN204 1 EH 9

8003

8001

1608 PH
1 PH 6
1600 PH
1604 FFC
1603 FFC

1501

1	+12Vs
2	GNDs
3	+5Vsa
4	GNDs
5	+5Vsd
6	GNDs

1	+12Vs
2	GNDs
3	+5Vsa
4	GNDs
5	+5Vsd
6	GNDs

1	3V3	7	GND
2	3V3	8	GND
3	+5V	9	-5VSTBY
4	+5VSTBY	10	STBCONTROL
5	+6VSTBY	11	+12VSTBY
6	GND	12	GND

1	+5V	9	+5V
2	GND	10	C
3	-5V	11	GNDv
4	VSYNC	12	Y
5	+5VSTB	13	GNDv
6	HSYNC	14	CVBS/G/Y
7	VCLK	15	GNDv
8	SEL	16	CVBS

1	IEC958	12	GND
2	BCK	13	MICOUT
3	GND	14	GND
4	XCK	15	SYSRST
5	GND	16	KILL
6	LRCK	17	GND
7	GND	18	L3DATA
8	DATA0	19	GND
9	DATA1	20	L3CLK
10	DATA2	21	GND
11	DATA3	22	L3MODE

SERVO BOARD

1609 1 FFC
UDE INTERFACE 22

8005 1 FFC UDE INTERFACE 22
1606

MIC BOARD

1	HP+	7	-5Va
2	GNDmic	8	KILL
3	HP-		
4	+5Va		
5	MICOUT		
6	GNDhp		

1200 1 EH 8

8004

1	GND
2	IR
3	VFDSEL
4	VFDCK
5	VFDAT

MPEG BOARD
1501 5 PH 1

8402

SWITCH/STANDBY BOARD

1 SWITCH+
2 SWITCH-
1 XH
1406

1 +5VSTBY
2 STBLED
1 XH
1405

8403

DISPLAY BOARD

8401
8006

1403 1 ... 5

1	GND
2	IR
3	VFDSLD
4	VFDCK
5	VFDAT

1 1401 9

1	NC	7	-2V9
2	NC	8	-40V
3	+5VSTBY	9	+2V9
4	NC		
5	NC		
6	GND		

1404 1 ... 2

1 +5VSTBY
2 STBLED

DVD761/00M block

POWER BOARD

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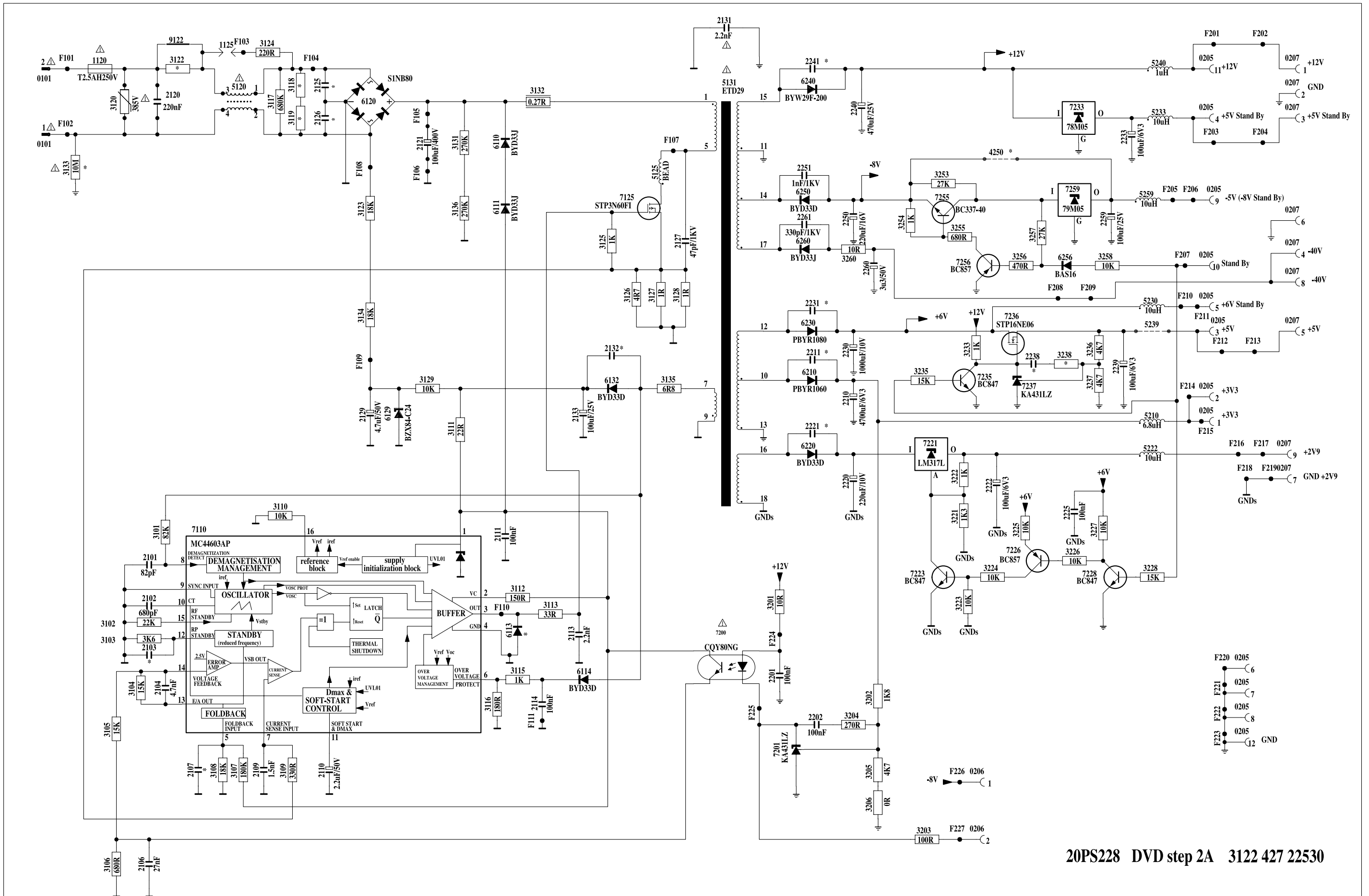
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0101 B 1	1125 C 3	2125 B 3	2132 C 6	2221 A 8	2239 D 9	2259 B 9	3117 A 3	3124 B 3	3129 D 3	3228 B 11	5131 B 6	5239 C 10	6113 D 4	6220 A 7	7110 D 3	7233 B 10	9210 A 10	9261 D 7
0205 C 10	2110 D 3	2126 A 3	2133 D 6	2222 A 9	2240 A 8	2260 A 9	3120 C 2	3125 D 5	3132 A 5	3233 B 9	5210 D 10	5240 A 9	6114 C 6	6230 B 8	7125 C 5	7236 C 9	9214 A 11	9262 B 8
0206 D 10	2120 C 2	2127 B 5	2210 C 8	2230 B 8	2241 A 8	2261 A 8	3120a C 2	3126 B 5	3133 A 3	3235 C 10	5222 A 9	5259 C 10	6120 B 3	6240 A 8	7200 D 7	7237 D 9	9230 C 9	
0207 A 10	2121 C 4	2129 D 3	2211 C 8	2231 B 8	2250 B 8	3101 D 4	3122 C 3	3127 B 5	3134 D 2	5120 A 2	5230 C 10	6110 B 4	6132 C 6	6250 B 7	7201 D 8	7255 B 9	9250 B 9	

1   2   3   4   5   6   7   8   9   10   11

T2.5A H 250V

CAUTION: RISK OF FIRE REPLACE ONLY WITH SAME TYPE OF FUSE ATTENTION: UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE
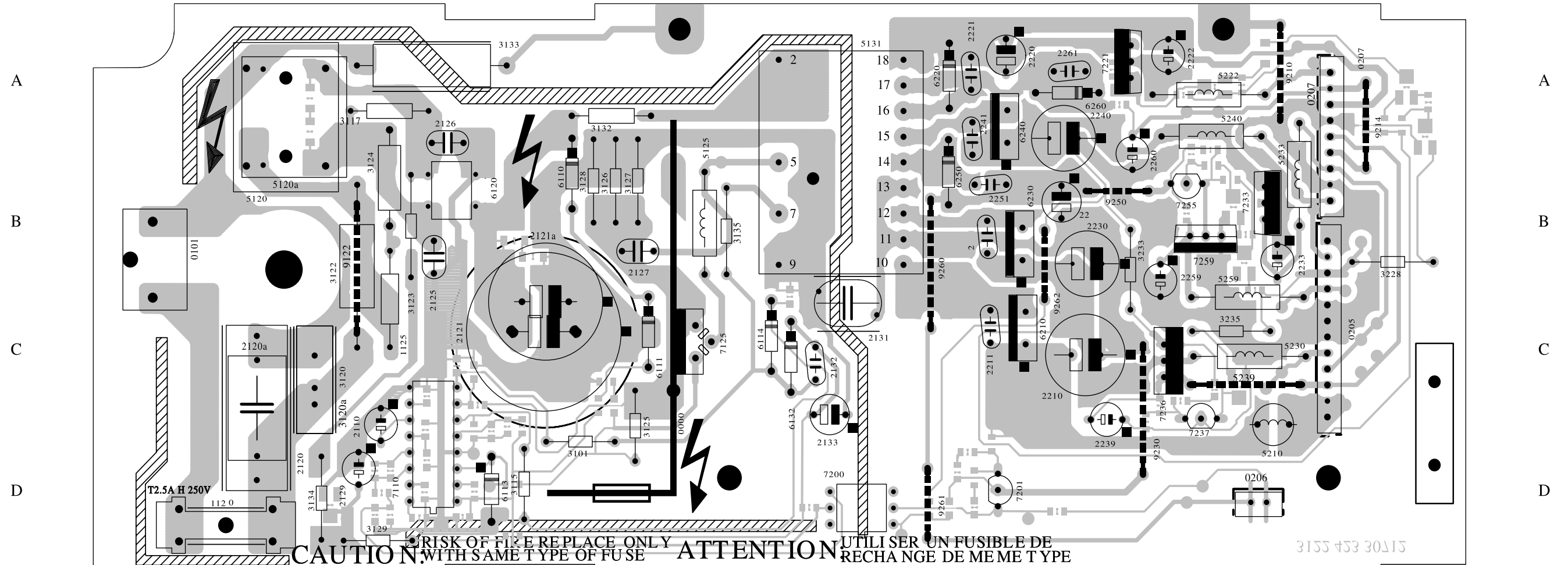
20 PS 228   DVD Step 2a   3122 427 2253

SERVO BOARD

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FEP
IC5201

ADSC
IC2001

MN67706EA

QDC

IC7001

MN103S13BDA

MOTOR PH

IC2511
BA5983FM-E2

IC6201

MECHACQN

IC2511
AN6451SS-E2
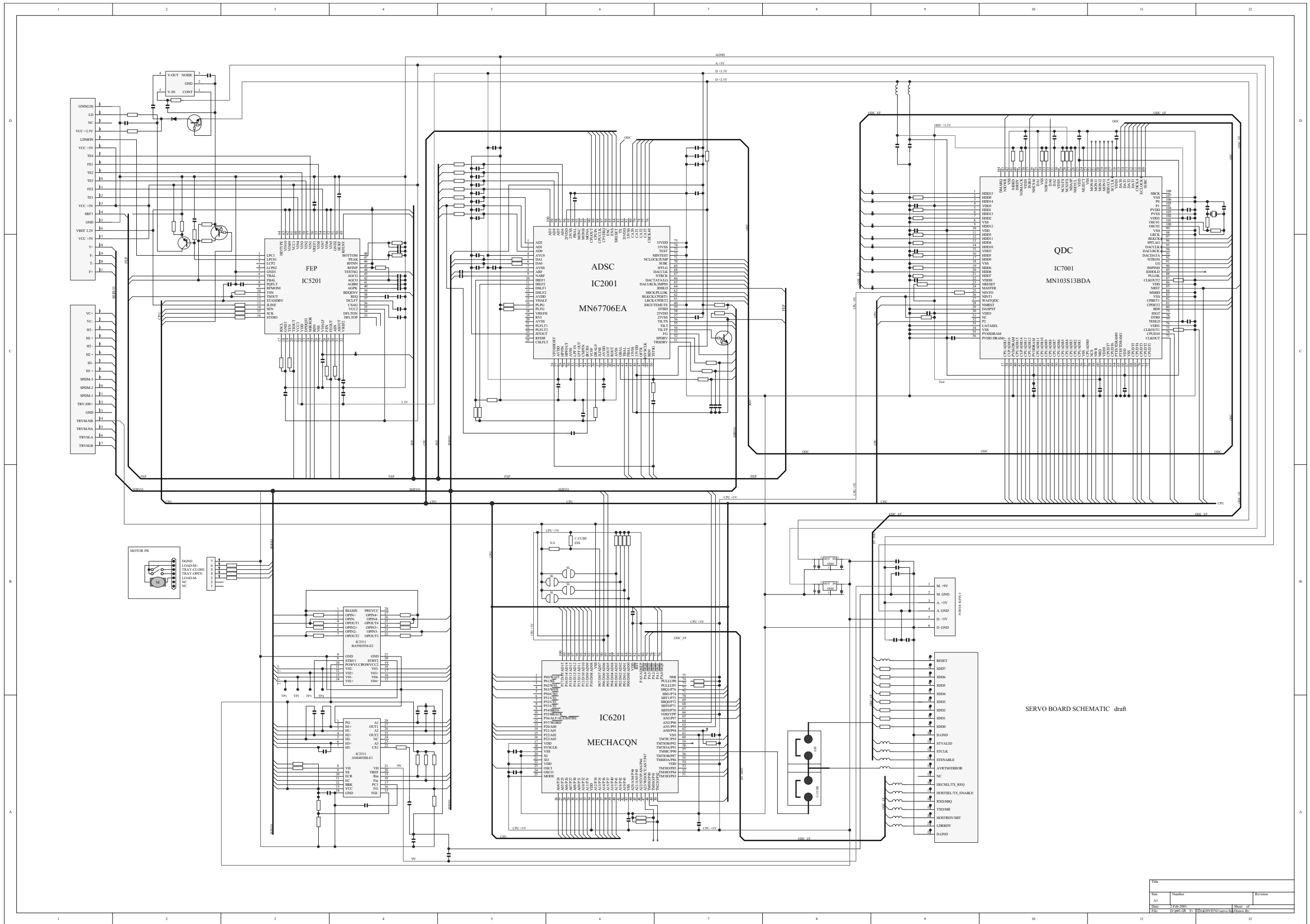
SERVO BOARD SCHEMATIC   draft

MPEG BOARD

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MPGE DECODER ZIVA4.2   3141 018 02000

7612
ZIVA-4.1

7620
CS5331A

1606 D7 2602 C7 2609 B5 2615 A2 2623 E7 3608 B2 3615 F5 3621 C5 3627 D5 3633 E3 3639 B5 3731 D6 3737 E6 3743 D8 3749 C7 3759 B2 7601 B3
1607 A6 2603 C8 2610 B5 2616 E6 2618 C1 3600 E3 3616 E1 3622 D5 3628 E5 3634 E3 3640 B5 3732 D6 3738 E6 3739 E6 3744 D8 3750 D7 3760 B2 7603 D1
1608 B6 2604 C7 2611 B4 2619 D1 2620 E2 3602 D5 3617 E4 3623 D5 3629 E5 3635 D5 3641 A6 3733 D6 3739 E6 3745 D8 3751 E4 3756 F7 7604 F4
1609 B1 2605 C7 2612 B5 2620 E2 2622 D2 3604 C2 3618 A2 3624 C1 3630 E4 3636 D5 3642 C2 3734 D6 3740 D8 3746 D8 3747 E8 3757 B3 5601 F7
2600 C7 2606 C7 2613 E2 2614 E2 2622 D2 3605 A2 3619 A2 3625 D5 3631 E3 3637 B2 3645 C2 3735 D6 3741 D8 3748 E8 3758 B2 5602 D2
2601 C7 2607 C6 2614 E2   3606 A3 3620 A2 3626 D5 3632 E3 3638 F5 3730 D6 3736 D6 3742 D8   5622 C1

HOST MICROCONTROLER   3141 018 02000

1607   Debug Mode
1608   Update Mode

3749/3750   EMI Loader
3735/3744   PHI Loader

7601
G2000-33

MADDR[11..0]

MDATA[15..0]

7618

VCC0	GND5
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DQ1	DQ14
GND0	GND4
DQ2	DQ13
DQ3	DQ12
VCC1	VCC5
DQ4	DQ11
DQ5	DQ10
GND1	GND3
DQ6	DQ9
DQ7	DQ8
VCC2	VCC4
DQML	NC1
WE	DQMU
CAS	CLK
RAS	CKE
CS	NC0
BA	A9
A10	A8
A0	A7
A1	A6
A2	A5
A3	A4
VCC3	GND2

SDRAM-2X512KX16-8A

7619

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DQ1	DQ14
GND0	GND4
DQ2	DQ13
DQ3	DQ12
VCC1	VCC5
DQ4	DQ11
DQ5	DQ10
GND1	GND3
DQ6	DQ9
DQ7	DQ8
VCC2	VCC4
DQML	NC1
WE	DQMU
CAS	CLK
RAS	CKE
CS	NC0
BA	A9
A10	A8
A0	A7
A1	A6
A2	A5
A3	A4
VCC3	GND2

SDRAM-2X512KX16-8A

L/UDQM
/MWE
/SD_CAS
/SD_RAS
/SD_CS1

SD_CLK

/SD_CS0

MDATA0 MDATA1 MDATA2 MDATA3 MDATA4 MDATA5 MDATA6 MDATA7
MDATA15 MDATA14 MDATA13 MDATA12 MDATA11 MDATA10 MDATA9 MDATA8

MADDR11 MADDR10 MADDR0 MADDR1 MADDR2 MADDR3
MADDR9 MADDR8 MADDR7 MADDR6 MADDR5 MADDR4

2691
100U

GND

| 2694 | 2695 | 2696 | 2697 | 2698 | 2699 | 2700 |
| 100N | 100N | 100N | 100N | 100N | 100N | 47U |

SDRAM0 PWR   5650 FB   D+3VZ
P_VCC   5651 FB
             5652 FB   +5V

2701
100N

2702
100N

GNDM1 GNDM GND

ZIVA_MEMORY   3141 018 02000

PWR_U4

A[19..0]

FLASH

7608
BC858B
FLASH1

10K
3699

GND

AM29F800BT

7609

L_A16 1 A16   A16 48 L_A17   PWR_U4
A15 2 A15   BYTE 47
A14 3 A14   Vss 46
A13 4 A13   DQ15/A-1 45 AD15
A12 5 A12   DQ7 44 AD7
A11 6 A11   DQ14 43 AD14
A10 7 A10   DQ6 42 AD6
A9 8 A9   DQ13 41 AD13
9 NC   DQ5 40 AD5
10 NC   DQ12 39 AD12
/WR 11 WE   DQ4 38 AD4
/CPU_RST 12 RESET   Vcc 37
13 NC   DQ11 36 AD11
14 NC   DQ3 35 AD3
15 RY/BY#   DQ10 34 AD10
L_A18 17 A18   DQ2 33 AD2
3698 A8 18 A7   DQ9 32 AD9
0R L_A19 A7 19 A6   DQ1 31 AD1
A6 20 A5   DQ8 30 AD8
A5 21 A4   DQ0 29 AD0
A4 22 A3   /RD 28 /RD
A3 23 A2   OE   27
A2 24 A1   Vss 26 /UCS
A1   CE   25
A0

GND

CSTROBE
DVDREQ
DACK

3691
150R

L_A[19..16]

SDD[7..0]

7606   CY37032

I/O4 I/O31
I/O3 I/O30
I/O2 I/O29
I/O1 I/O28
I/O0
GND
VCC

7 I/O5/TCLK   I/O27/TDI 39
8 I/O6   I/O26 38
/ROMACS 9 I/O7   I/O25 37
10 CLK2/IO   I/O24 36
11 JTAG   CLK1/I4 35 /H-RDY
CLKOUTA 12 GND   I3 34
/CPU_RST 13 CLK0/I1   RXD 33
/RD 14 I/O8   CLK3/I2 32 DSTB
/STRMCS 15 I/O9   STRMRQ 31 STRMRQ
16 I/O10   /DECSEL 30 /DECSEL
17 I/O11   /HOSTSEL 29 /HOSTSEL

3690
100R

STRMDMA

3692 330R
3693 150R

DSTROBE
STRMREQ

/XHOSTRDY

AD[15..0]

AD7
AD6
AD5
AD4
AD3
AD2
AD1
AD0

5640
FB

+5V

2678 2670 2642
100N 100N 47U

GND

DRAM+5V

7611 424260-70

1 VCC1   GND3 40
AD0 2 D0   D15 39 AD8
AD1 3 D1   D14 38 AD9
AD2 4 D2   D13 37 AD10
AD3 5 D3   D12 36 AD11
6 VCC2   GND2 35
AD4 7 D4   D11 34 AD12
AD5 8 D5   D10 33 AD13
AD6 9 D6   D9   32 AD14
AD7 10 D7   D8   31 AD15
11 NC1   NC4 30
12 NC2   CASL 29 MCS2
/WR 13 WE   CASH 28 MCS1
LCS 14 RAS   OE   27 /RD
15 NC3   A8   26 A17
A1 16 A0   A7   25 A15
A3 17 A1   A6   24 A13
A5 18 A2   A5   23 A11
A7 19 A3   A4   22 A9
20 VCC3   GND1 21

GND

A[19..0]

AD[15..0]

+5V PWR_U4 P_VCC

5642
FB
5641 3700
FB   0R
D+5V

2676 2677 5644
100N 47U   FB
C7   100N

DRAM+5V GND

2671 2672 2673 2674
100N 100N 100N 47U

GND

HOST_MEMORY   3141 018 02000

1600	B4	1605	D6	2669	F3	2707	D5	3679	F2	3718	E5	3723	E5	5606	C2	5611	D2	5616	F3	5621	B5	7623	C7
1601	E6	2665	F2	2703	E5	2708	B5	3680	F2	3719	E5	3724	C4	5607	D2	5612	D2	5617	F3	5623	B5		
1602	B6	2666	F2	2704	D5	2709	C6	3681	F2	3720	D5	5603	B2	5608	D2	5613	D2	5618	F3	5624	B5		
1603	D3	2667	F2	2705	D5	2710	C7	3682	F2	3721	E5	5604	B2	5609	D2	5614	D2	5619	F3	5625	B4		
1604	B3	2668	F3	2706	D5	2717	E4	3683	F2	3722	E5	5605	C2	5610	D2	5615	D2	5620	F3	7622	C6		

CONNECTOR   3141 018 02000

Component location index

1600 A5	2600 A3	2611 C2	2623 A3	2642 B2	2654 C5	2665 D5	2675 B1	2694 D4	2704 E1	2714 E5	3609 D2	3620 C3	3630 E2	3640 D3	3753 C3
1601 D1	2601 A3	2612 D3	2630 C3	2645 C5	2655 B5	2666 D5	2676 B1	2695 D3	2705 E1	2715 D3	3610 D2	3621 D3	3631 E2	3641 C3	3754 C3
1602 A1	2602 A3	2613 E2	2631 E2	2646 C3	2656 C5	2667 D5	2677 B2	2696 D4	2706 E1	2716 D3	3612 D2	3622 D2	3632 E2	3642 C3	3755 C3
1603 C5	2603 A3	2614 D2	2633 B3	2647 B4	2657 B5	2668 D5	2678 B2	2697 E4	2707 E1	2717 A1	3613 D2	3623 D2	3633 E2	3645 D2	3756 D2
1604 B5	2604 A3	2615 C3	2634 B4	2648 D4	2658 B5	2669 D5	2686 D5	2698 E3	2708 B1	3600 E2	3614 C2	3624 D2	3634 E2	3650 B3	3757 C2
1605 E1	2605 A4	2616 A4	2635 B4	2649 C3	2659 B4	2670 A2	2687 D5	2699 D4	2709 A2	3602 D3	3615 D3	3625 D3	3635 C2	3651 B3	3762 C3
1606 A3	2606 A3	2618 D2	2638 B4	2650 D4	2660 B4	2671 B2	2688 D4	2700 D4	2710 A1	3604 D2	3616 D2	3626 D3	3636 D3	3652 B4	3763 C3
1607 C3	2607 C3	2619 D2	2639 B4	2651 C5	2661 B5	2672 C3	2691 E3	2701 E5	2711 E5	3605 C2	3617 E3	3627 D3	3637 C2	3653 D4	5602 E2
1608 C3	2609 C3	2620 D2	2640 D2	2652 B5	2662 A4	2673 B3	2692 B5	2702 E5	2712 E5	3606 D2	3618 D3	3628 D3	3638 D3	3654 D4	5603 B5
1609 C2	2610 E3	2622 D2	2641 C4	2653 B5	2663 A4	2674 C3	2693 B5	2703 D1	2713 E5	3608 D2	3619 C3	3629 D3	3639 D3	3655 D4	5604 B5
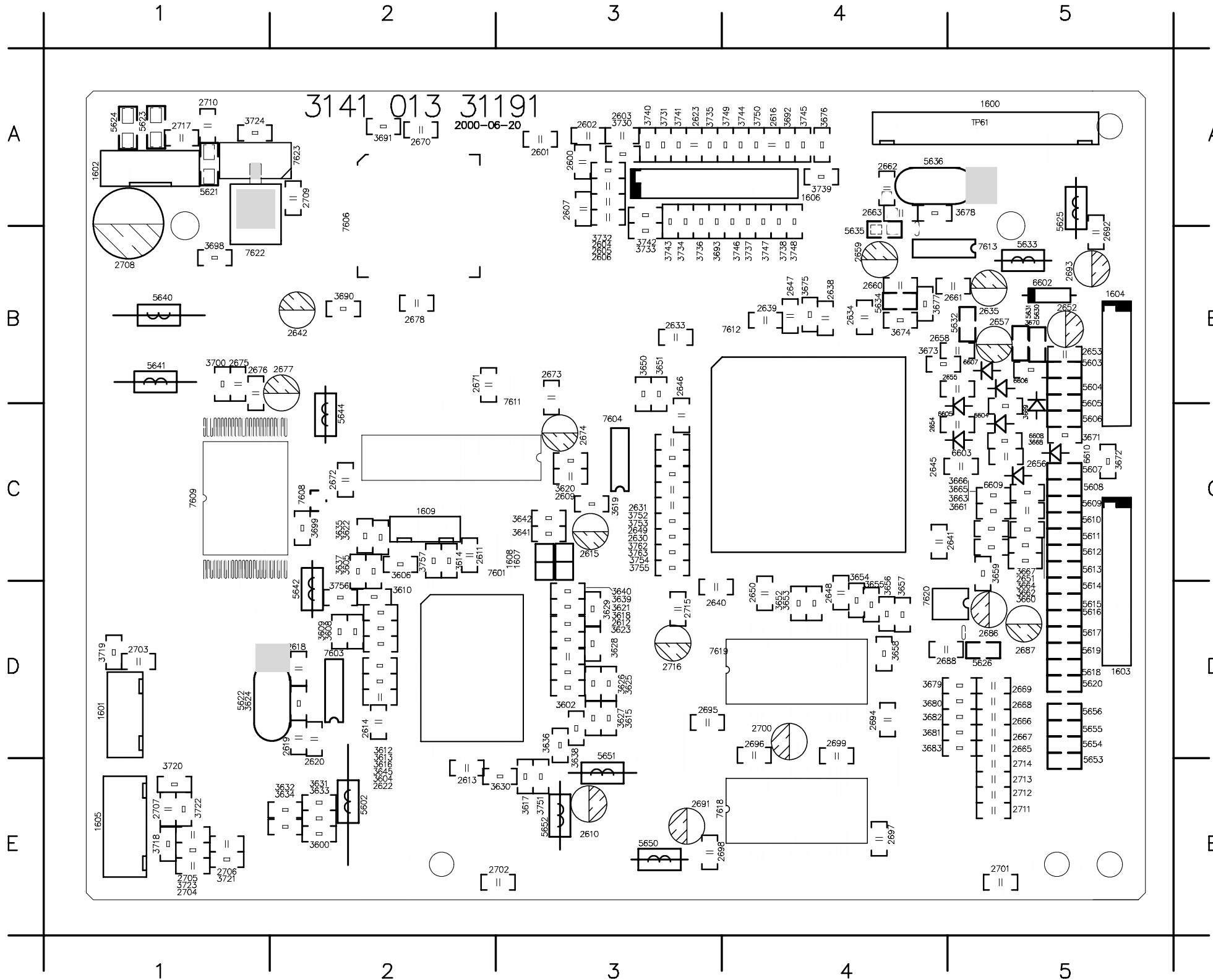
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3659	C5	5608	C5
3660	C5	5609	C5
3661	C5	5610	C5
3662	C5	5611	C5
3663	C5	5612	C5
3664	C5	5613	C5
3665	C5	5614	D5
3666	C5	5615	D5
3667	C5	5616	D5
3668	C5	5617	D5
3669	C5	5618	D5
3670	B5	5619	D5
3671	C5	5620	D5
3672	C5	5621	A1
3673	B4	5622	D1
3674	B4	5623	A1
3675	B4	5624	A1
3676	A4	5625	B5
3677	B4	5626	D5
3678	A5	5630	B5
3679	D4	5631	B5
3680	D4	5632	B5
3681	D4	5633	B5
3682	D4	5634	B4
3683	D4	5635	B4
3690	B2	5636	A5
3691	A2	5640	B1
3692	A4	5641	B1
3693	B3	5642	C2
3698	B1	5644	C2
3699	C2	5650	E3
3700	B1	5651	E3
3718	E1	5652	E3
3719	D1	5653	E5
3720	E1	5654	D5
3721	E1	5655	D5
3722	E1	5656	D5
3723	E1	6602	B5
3724	A1	6603	C5
3730	A3	6604	C5
3731	A3	6605	B5
3732	A3	6606	B5
3733	B3	6607	B5
3734	A3	6608	C5
3735	A3	6609	C5
3736	A3	6610	C5
3737	A4	7601	D2
3738	A4	7603	D2
3739	A4	7604	C3
3740	A3	7606	A2
3741	A3	7608	C2
3742	B3	7609	C1
3743	B3	7611	C3
3744	A4	7612	C4
3745	A4	7613	B5
3746	B4	7618	E4
3747	B4	7619	D4
3748	B4	7620	D4
3749	A4	7622	B1
3750	A4	7623	A2
3751	E3		
3752	C3		

Board silk-screen text: 3141 013 31191   2000-06-20

TOP VIEW

PBAS MPEG DVD761K   3141 018 02020
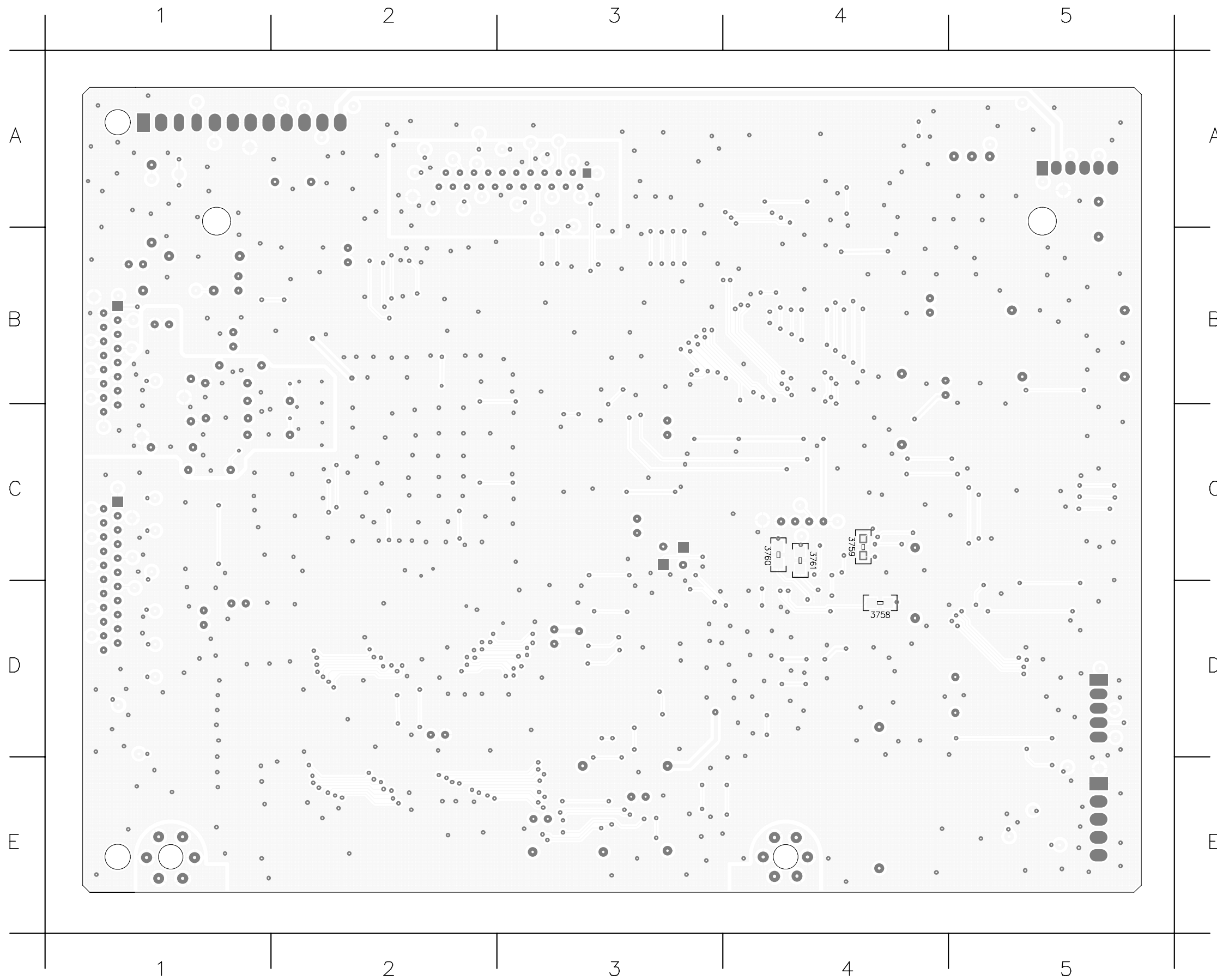
3758 D4
3759 C4
3760 C4
3761 C4

3759

3760 3761

3758

BOTTOM VIEW

MPEG DVD721K   3141 018 02000

MISCELLANEOUS

0000101600	242202508333	00CON BM V 12P M 2.50 EH A B
0000201602	242202508149	00CON BM V 6P M 2.00 PH B
0000301603	314101030150	00CON BM V 22P F 1.00 FFC 0.3 R
0000401604	314101030140	00CON BM V 16P F 1.00 FFC 0.3 R
0000501605	242202509013	00CON BM V 5P M 2.50 XH A B
0000601606	824101030030	00CON BM V 22P F 1.00 C015-22
0000701607	314101030070	00MICRO-SHUNT V 2P M 2.54
0000801608	314101030070	00MICRO-SHUNT V 2P M 2.54
0000901609	242202509406	00CON BM V 4P M 2.00 PH K B

CAPACITORS

0001002600	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001102601	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001202602	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001302603	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001402604	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001502605	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001602606	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001702607	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001802609	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0001902610	202202000386	00ELCAP NS 25V 47U PM20 T
0002002611	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0002102612	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0002202613	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0002302614	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0002402615	202202000389	00ELCAP NS 63V 1U0 PM20 T
0002502616	222286115279	00CERCHIP NPO 63V27P PM5T
0002602618	222286115229	00CERCHIP NPO 50V22P PM5T
0002702619	222286115229	00CERCHIP NPO 50V22P PM5T
0002802620	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0002902622	222286115279	00CERCHIP NPO 63V27P PM5T
0003002623	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003102630	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003202631	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003302633	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003402634	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003502635	202202000387	00ELCAP NS 25V 100U PM20 T
0003602638	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003702639	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003802640	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0003902641	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0004002642	202202000386	00ELCAP NS 25V 47U PM20 T
0004102645	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0004202646	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0004302647	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0004402648	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0004502649	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0004602650	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0004702651	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0004802652	202202000386	00ELCAP NS 25V 47U PM20 T
0004902653	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0005002654	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0005102655	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0005202656	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0005302657	202202000383	00ELCAP NS 25V 10U PM20 T
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0005502659	202202000386	00ELCAP NS 25V 47U PM20 T
0005602660	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0005702661	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0005802662	222286115229	00CERCHIP NPO 50V22P PM5T
0005902663	222286115229	00CERCHIP NPO 50V22P PM5T
0006002665	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0006102666	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0006202667	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0006302668	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0006402670	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0006502671	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0006602672	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0006702673	222258018812	00CER2 0805 Y5V 50V 100N P8020R
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0007002676	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0007102677	202202000386	00ELCAP NS 25V 47U PM20 T
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0007302686	202202000383	00ELCAP NS 25V 10U PM20 T
0007402687	202202000383	00ELCAP NS 25V 10U PM20 T
0007502688	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0007602691	202202000387	00ELCAP NS 25V 100U PM20 T
0007702692	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0007802693	202202000387	00ELCAP NS 25V 100U PM20 T
0007902694	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0008002695	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0008102696	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0008202697	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0008302698	222258018812	00CER2 0805 Y5V 50V 100N P8020R
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0008702702	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0008802703	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0008902704	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0009002705	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0009102706	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0009202707	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0009302709	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0009402710	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0009502714	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0009602715	222258018812	00CER2 0805 Y5V 50V 100N P8020R
0009702716	202202000387	00ELCAP NS 25V 100U PM20 T
0009802717	222258018812	00CER2 0805 Y5V 50V 100N P8020R

RESISTORS

0009903602	232273061101	00RST SM 0805 RC11 100R PM5 R
0010003604	232273061101	00RST SM 0805 RC11 100R PM5 R
0010103605	232273061472	00RST SM 0805 RC11 4K7 PM5 R
0010203606	232273061101	00RST SM 0805 RC11 100R PM5 R
0010303608	232273061473	00RST SM 0805 RC11 47K PM5 R
0010403609	232273061473	00RST SM 0805 RC11 47K PM5 R
0010503610	232273061101	00RST SM 0805 RC11 100R PM5 R
0010603612	232273061271	00RST SM 0805 RC11 270R PM5 R
0010703613	232273061101	00RST SM 0805 RC11 100R PM5 R
0010803614	232273061101	00RST SM 0805 RC11 100R PM5 R
0010903615	232273091003	00RST SM 0805 JUMP OR05 COL R
0011003616	232273061101	00RST SM 0805 RC11 100R PM5 R
0011103617	232273061101	00RST SM 0805 RC11 100R PM5 R
0011203618	232273061101	00RST SM 0805 RC11 100R PM5 R
0011303619	232273061104	00RST SM 0805 RC11 100K PM5 R
0011403620	232273061101	00RST SM 0805 RC11 100R PM5 R
0011503621	232273061101	00RST SM 0805 RC11 100R PM5 R
0011603622	232273061101	00RST SM 0805 RC11 100R PM5 R
0011703623	232273061101	00RST SM 0805 RC11 100R PM5 R
0011803624	232273061105	00RST SM 0805 RC11 1M PM5 R
0011903625	232273061101	00RST SM 0805 RC11 100R PM5 R
0012003626	232273061151	00RST SM 0805 RC11 150R PM5 R
0012103627	232273061101	00RST SM 0805 RC11 100R PM5 R
0012203628	232273061102	00RST SM 0805 RC11 1K PM5 R
0012303629	232273061102	00RST SM 0805 RC11 1K PM5 R
0012403630	232273061102	00RST SM 0805 RC11 1K PM5 R
0012503631	232273061101	00RST SM 0805 RC11 100R PM5 R
0012603632	232273061101	00RST SM 0805 RC11 100R PM5 R
0012703633	232273061101	00RST SM 0805 RC11 100R PM5 R
0012803634	232273061101	00RST SM 0805 RC11 100R PM5 R
0012903635	232273061101	00RST SM 0805 RC11 100R PM5 R
0013003639	232273061473	00RST SM 0805 RC11 47K PM5 R
0013103640	232273061473	00RST SM 0805 RC11 47K PM5 R
0013203641	232273061223	00RST SM 0805 RC11 22K PM5 R
0013303642	232273061223	00RST SM 0805 RC11 22K PM5 R
0013403645	232273061101	00RST SM 0805 RC11 100R PM5 R
0013503650	232273061472	00RST SM 0805 RC11 4K7 PM5 R
0013603651	232273061102	00RST SM 0805 RC11 1K PM5 R
0013703652	232273061479	00RST SM 0805 RC11 47R PM5 R
0013803653	232273061479	00RST SM 0805 RC11 47R PM5 R
0013903654	232273061479	00RST SM 0805 RC11 47R PM5 R
0014003655	232273061479	00RST SM 0805 RC11 47R PM5 R
0014103656	232273061479	00RST SM 0805 RC11 47R PM5 R
0014203657	232273061479	00RST SM 0805 RC11 47R PM5 R
0014303658	232273061479	00RST SM 0805 RC11 47R PM5 R
0014403659	232273061101	00RST SM 0805 RC11 100R PM5 R
0014503660	232273061101	00RST SM 0805 RC11 100R PM5 R
0014603661	232273061101	00RST SM 0805 RC11 100R PM5 R
0014703662	232273061101	00RST SM 0805 RC11 100R PM5 R

0014803664	232273061101	00RST SM 0805 RC11 100R PM5	R
0014903665	232273061101	00RST SM 0805 RC11 100R PM5	R
0015003666	232273061101	00RST SM 0805 RC11 100R PM5	R
0015103667	232273061101	00RST SM 0805 RC11 100R PM5	R
0015203668	232273061759	00RST SM 0805 RC11 75R PM5	R
0015303669	232273061759	00RST SM 0805 RC11 75R PM5	R
0015403670	232273061759	00RST SM 0805 RC11 75R PM5	R
0015503671	232273061759	00RST SM 0805 RC11 75R PM5	R
0015603672	232273091003	00RST SM 0805 JUMP OR05 COL	R
0015703673	232273261182	00RST SM 0805 RC12 1180R PM1	R
0015803674	232273061102	00RST SM 0805 RC11 1K PM5	R
0015903675	232273061472	00RST SM 0805 RC11 4K7 PM5	R
0016003676	232273061472	00RST SM 0805 RC11 4K7 PM5	R
0016103677	232273061331	00RST SM 0805 RC11 330R PM5	R
0016203678	232273061105	00RST SM 0805 RC11 1M PM5	R
0016303680	232273061479	00RST SM 0805 RC11 47R PM5	R
0016403681	232273061479	00RST SM 0805 RC11 47R PM5	R
0016503682	232273061479	00RST SM 0805 RC11 47R PM5	R
0016603683	232273061479	00RST SM 0805 RC11 47R PM5	R
0016703690	232273061101	00RST SM 0805 RC11 100R PM5	R
0016803691	232273061151	00RST SM 0805 RC11 150R PM5	R
0016903692	232273061331	00RST SM 0805 RC11 330R PM5	R
0017003693	232273061151	00RST SM 0805 RC11 150R PM5	R
0017103698	232273091003	00RST SM 0805 JUMP OR05 COL	R
0017203699	232273061103	00RST SM 0805 RC11 10K PM5	R
0017303700	232273091003	00RST SM 0805 JUMP OR05 COL	R
0017403719	232273061101	00RST SM 0805 RC11 100R PM5	R
0017503720	232273061101	00RST SM 0805 RC11 100R PM5	R
0017603721	232273061101	00RST SM 0805 RC11 100R PM5	R
0017703722	232273061101	00RST SM 0805 RC11 100R PM5	R
0017803723	232273061101	00RST SM 0805 RC11 100R PM5	R
0017903730	232273061339	00RST SM 0805 RC11 33R PM5	R
0018003731	232273061339	00RST SM 0805 RC11 33R PM5	R
0018103732	232273061339	00RST SM 0805 RC11 33R PM5	R
0018203733	232273061339	00RST SM 0805 RC11 33R PM5	R
0018303734	232273061339	00RST SM 0805 RC11 33R PM5	R
0018403736	232273061339	00RST SM 0805 RC11 33R PM5	R
0018503737	232273061339	00RST SM 0805 RC11 33R PM5	R
0018603738	232273061339	00RST SM 0805 RC11 33R PM5	R
0018703739	232273061339	00RST SM 0805 RC11 33R PM5	R
0018803740	232273061339	00RST SM 0805 RC11 33R PM5	R
0018903741	232273061339	00RST SM 0805 RC11 33R PM5	R
0019003742	232273061339	00RST SM 0805 RC11 33R PM5	R
0019103743	232273061339	00RST SM 0805 RC11 33R PM5	R
0019203745	232273061339	00RST SM 0805 RC11 33R PM5	R
0019303746	232273061339	00RST SM 0805 RC11 33R PM5	R
0019403747	232273061339	00RST SM 0805 RC11 33R PM5	R
0019503748	232273061339	00RST SM 0805 RC11 33R PM5	R
0019603749	232273061339	00RST SM 0805 RC11 33R PM5	R
0019703750	232273061339	00RST SM 0805 RC11 33R PM5	R
0019803751	232273061103	00RST SM 0805 RC11 10K PM5	R

0019903755	232273061101	00RST SM 0805 RC11 100R PM5	R
0020003756	232273061101	00RST SM 0805 RC11 100R PM5	R
0020103757	232273061101	00RST SM 0805 RC11 100R PM5	R

COILS & CRYSTAL QUARTZ

0020205602	824101040420	00LEADED FERRITE BEADS
0020305603	314101820410	00IND SMD BEAD EMI A 4S2
0020405604	314101820410	00IND SMD BEAD EMI A 4S2
0020505605	314101820410	00IND SMD BEAD EMI A 4S2
0020605606	314101820410	00IND SMD BEAD EMI A 4S2
0020705607	314101820410	00IND SMD BEAD EMI A 4S2
0020805608	314101820410	00IND SMD BEAD EMI A 4S2
0020905609	314101820410	00IND SMD BEAD EMI A 4S2
0021005610	314101820410	00IND SMD BEAD EMI A 4S2
0021105612	314101820410	00IND SMD BEAD EMI A 4S2
0021205613	314101820410	00IND SMD BEAD EMI A 4S2
0021305614	314101820410	00IND SMD BEAD EMI A 4S2
0021405615	314101820410	00IND SMD BEAD EMI A 4S2
0021505617	314101820410	00IND SMD BEAD EMI A 4S2
0021605618	314101820410	00IND SMD BEAD EMI A 4S2
0021705619	314101820410	00IND SMD BEAD EMI A 4S2
0021805620	314101820410	00IND SMD BEAD EMI A 4S2
0021905621	242254943409	00IND BEAD EMI SM 1206 100M MUA
0022005622	824101002390	00CRYSTAL QUARTZ 27MHZ
0022105623	242254943409	00IND BEAD EMI SM 1206 100M MUA
0022205624	242254943409	00IND BEAD EMI SM 1206 100M MUA
0022305625	824101040420	00LEADED FERRITE BEADS
0022405626	314101820410	00IND SMD BEAD EMI A 4S2
0022505630	314101820410	00IND SMD BEAD EMI A 4S2
0022605631	314101820410	00IND SMD BEAD EMI A 4S2
0022705632	314101820410	00IND SMD BEAD EMI A 4S2
0022805633	824101040420	00LEADED FERRITE BEADS
0022905634	314101820410	00IND SMD BEAD EMI A 4S2
0023005635	314101820410	00IND SMD BEAD EMI A 4S2
0023105636	824101002390	00CRYSTAL QUARTZ 27MHZ
0023205640	824101040420	00LEADED FERRITE BEADS
0023305641	824101040420	00LEADED FERRITE BEADS
0023405644	824101040420	00LEADED FERRITE BEADS
0023505650	824101040420	00LEADED FERRITE BEADS
0023605652	824101040420	00LEADED FERRITE BEADS
0023705656	314101820410	00IND SMD BEAD EMI A 4S2

DIODES

0023806602	933040340113	00DIO REC 1N4002	
0023906603	933083990133	00DIO SIG 1N4148 A (PHSE)	A
0024006604	933083990133	00DIO SIG 1N4148 A (PHSE)	A
0024106605	933083990133	00DIO SIG 1N4148 A (PHSE)	A
0024206606	933083990133	00DIO SIG 1N4148 A (PHSE)	A
0024306607	933083990133	00DIO SIG 1N4148 A (PHSE)	A
0024406608	933083990133	00DIO SIG 1N4148 A (PHSE)	A
0024506609	933083990133	00DIO SIG 1N4148 A (PHSE)	A
0024606610	933083990133	00DIO SIG 1N4148 A (PHSE)	A

TRANSISTORS & INTERGRATED CIRCUITS

0024707601	314101850650	00IC SM G2000-33KC
0024807603	933714260652	00IC SM 74HC04
0024907604	933714440652	00IC 74HCT14D
0025007606	314101850690	00IC CY37032P44-125JC(MEI LOADR)
0025107609	314101850720	00IC FLASH 8M-90 TSOP48(DVD761/931)
0025207611	824101045080	00IC DRAM 256KX16-70 SOJ40
0025307612	314101850640	00ZIVA4.2 C-CUBE
0025407613	933714260652	00IC SM 74HC04
0025507618	824101045280	00LGS GM72V161621ET8 TSOP50 SDAM
0025607619	824101045280	00LGS GM72V161621ET8 TSOP50 SDAM
0025707620	314101850290	00CS5331A ADC
0025807623	824101000520	00IC L7809CV ST

NOTE: 1.Only the parts mentioned in this list are
availiable for service.

AV BOARD

TABLE OF CONTENTS

AUDIO PART SCHEMATIC

DVD761K AV OUTPUT 3141 018 02030

7510 LD1117V33C

7511 UDA1328T

DIGITAL INTERFACE

CONTROL INTERFACE

VOL/MUTE/DEEMPH
INTERPOL FILTER
NOISE SHAPER

DAC'S

7512B LM833D
7512A LM833D
7518A 4560D
7518B 4560D
7523B 4560D
7523A 4560D
7515B 4560D
7515A 4560D

7513 BC817-25
7514 BC817-25
7516 BC817-25
7517 BC817-25
7519 BC817-25
7521 BC817-25
7524 BC817-25
7526 BC817-25

7529 BC858
7530 BC858
7528 BC848

1506
IEC958
BCK
GNDD
XCK
GNDD
WCLK
GNDD
DATA0
DATA1
DATA2
DATA3
GNDD
MICOUT
SYSRST
GNDD
MUTE
GNDD
L3DATA
GNDD
L3CLK
GNDD
L3MODE
22PINS

1507 EH-S
HPL
GNDD
HPR
+5VA
MIC
GNDD
-5VA
KOUT

1505C CH-R
1505B CH-L
1508A CH6-L-SURROUND
1508B CH6-R-SURROUND
1508D CH6-SUB
1508C CH6-CENTER

HP-R
HP-L

MUTE
KILL

6501 1N4148
6502 1N4148

PCS 103 117

35

PCS 103 117

35

1501	C2	2507	B6	2514	D4	2520	E3	2527	C6	2533	C6	2539	D6	2545	E6	2551	F3
1502	C7	2508	C2	2515	D4	2522	C6	2534	C6	2540	D6	2541	D6	2546	E6	2552	F2
1503	F4	2509	D3	2516	E3	2523	A4	2529	C6	2535	D6	2541	D6	2547	E6	2553	F4
1504	D4	2510	D3	2517	E3	2524	B6	2530	C6	2536	D6	2542	D6	2548	E6	2554	F4
1505	E4	2512	B3	2518	E3	2525	B6	2531	C6	2537	D6	2543	D6	2549	F2	2555	B2
2504	B6	2513	B4	2519	E3	2526	C6	2532	C6	2538	D6	2544	E6	2550	F3	2556	B2

3208	A5	3509	D5	3525	A3	5500	F3	5506	C6	5512	D6
3210	D3	3510	F2	3528	A4	5501	C2	5507	C6	5513	E6
3213	D3	3514	B3	3529	E3	5502	C2	5508	C6	5514	E6
3206	C3	3515	B3	3530	F3	5503	E3	5509	D6		
3507	C3	3518	B4	3531	E4	5504	E3	5510	D6		
3508	D2	3524	A3	3532	F4	5505	C6	5511	D6		

7505	E4		
7506	B3		
7508	A3		
7502	C4		
7503	A2		
7504	A6	7509	B5

VIDEO PART SCHEMATIC

DVD761K AV OUTPUT   3141 018 02030

NOTE: (FOR 74HCT4053)

L3CLK	X0	X1	Y0	Y1	Z0	Z1
L	VIDEO-C	X	VIDEO-Y	X	X	X
H	X	CHRO-V	X	CHRO-U	X	CHRO-Y

X means the leg has not output signal.

7502
74HCT4053
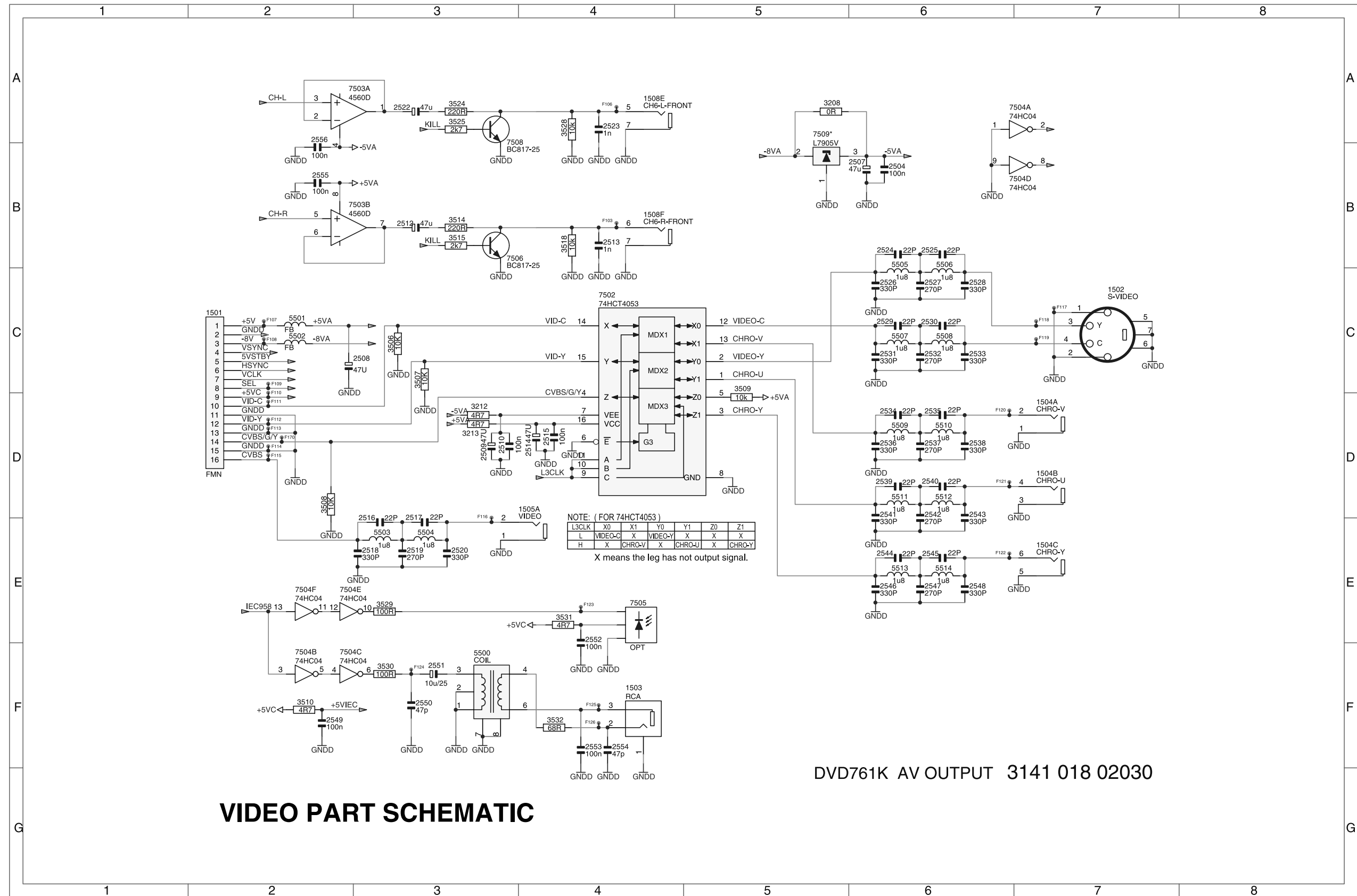
1502
S-VIDEO

1501
FMN

1501	B5	1506	B6	2509	B3	2518	B3	2525	A2	2530	A2	2535	A2	2540	A2	2545	A1	2564	B6	2588	A4	2802	A5	5504	A3	5509	B2
1502	A3	1507	B2	2512	B4	2519	A3	2526	B2	2531	B3	2536	B2	2541	B2	2546	B1	2570	A4	2592	A5	2803	A5	5505	B2	5510	A2
1503	A6	1508	A4	2514	B3	2520	A3	2527	A2	2532	A3	2537	A2	2542	A2	2547	A1	2575	A4	2594	B7	2804	B5	5506	A2	5511	B2
1504	A1	2507	B4	2516	B3	2522	A4	2528	A2	2533	A3	2538	A2	2543	A2	2548	A1	2580	A5	2595	A7	5500	A6	5507	B2	5512	A2
1505	A3	2508	B5	2517	A3	2524	B2	2529	B2	2534	B2	2539	B2	2544	B1	2551	A7	2584	A5	2801	A6	5503	B3	5508	A2	5513	B1

5514	A1	7510	B7	9504	B3	9509	B3	9514	B3	9519	A4	9524	A4	9529	B4	9534	A4	9539	B5	9544	A5	9549	A6	9554	A6	9559	B6
6501	B6	9500	B1	9505	B3	9510	B3	9515	A3	9520	A4	9525	A4	9530	B4	9535	A4	9540	B5	9545	B5	9550	A6	9555	A6	9560	B6
6502	A7	9501	B2	9506	B3	9511	B3	9516	A3	9521	A4	9526	A4	9531	B4	9536	A4	9541	B5	9546	B5	9551	A6	9556	A6	9561	B6
7505	A6	9502	B2	9507	B3	9512	B3	9517	A3	9522	B4	9527	B4	9532	B4	9537	A5	9542	B5	9547	A6	9552	A6	9557	B6	9562	B6
7509	B5	9503	B2	9508	B3	9513	B3	9518	A3	9523	A4	9528	B4	9533	B4	9538	B5	9543	B6	9548	A6	9553	A6	9558	B6		

DVD761/931 AV
3141 013 31210
2000-09-11

SOLDERING DIRECTION

TOP VIEW

DVD761 AV OUTPUT 3141 018 02030

2504 B3	2549 A1	2555 B3	2562 B6	2568 B4	2574 B4	2581 A3	2587 B3	3201 B5	3206 B1	3211 B2	3508 A5	3513 B4	3525 A3	3532 A1
2510 B4	2550 A4	2556 A3	2563 B2	2569 B4	2576 A4	2582 A2	2589 A3	3202 B1	3207 B1	3212 B4	3509 B5	3514 A3	3528 A3	3535 A2
2513 A3	2552 A1	2557 B1	2565 B5	2571 A5	2577 A4	2583 B2	2590 A3	3203 B1	3208 B3	3213 B5	3510 A1	3515 A4	3529 A1	3538 B2
2515 B5	2553 A2	2559 B2	2566 B4	2572 A4	2578 B3	2585 A3	2591 A3	3204 A1	3209 A4	3506 B5	3511 B1	3518 A3	3530 A1	3539 B6
2523 A3	2554 A1	2561 A2	2567 B4	2573 B4	2579 A3	2586 B3	2593 A3	3205 B1	3210 B2	3507 B5	3512 B4	3524 A3	3531 A1	3540 B4

3541 B4	3546 A4	3553 B4	3559 A4	3565 A2	3572 B2	3580 B3	3586 B3	3594 A3	5502 B3	7503 A3	7512 B4	7517 A4	7524 A3
3542 B4	3549 A4	3554 A4	3560 A2	3566 A2	3574 A3	3581 B3	3588 A3	3595 A3	5515 B6	7504 A1	7513 A4	7518 A2	7526 A3
3543 B4	3550 A4	3555 A4	3561 A2	3568 A3	3575 A3	3582 B3	3590 A3	3596 A3	5516 B6	7506 A4	7514 A4	7519 A2	7528 B1
3544 A4	3551 A4	3556 A4	3562 A3	3570 A2	3576 B2	3584 A3	3591 A3	3598 A3	5517 B6	7508 A3	7515 A5	7521 A3	7529 B1
3545 A4	3552 B4	3557 A4	3564 A2	3571 B2	3578 A3	3585 A3	3592 A3	5501 B3	7502 B5	7511 A2	7516 A4	7523 B3	7530 B1

BOTTOM VIEW   DVD761 AV OUTPUT   3141 018 02030

CAPACITORS

0000102504	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0000202507	202202000386	00ELCAP NS 25V 47U PM20 T
0000302508	202202000386	00ELCAP NS 25V 47U PM20 T
0000402509	202202000386	00ELCAP NS 25V 47U PM20 T
0000502510	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0000602512	202202000386	00ELCAP NS 25V 47U PM20 T
0000702513	222258015623	00CER2 0805 X7R 50V 1N COL R
0000802514	202202000386	00ELCAP NS 25V 47U PM20 T
0000902515	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0001002516	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0001102517	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0001202518	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0001302519	202056190135	00CER2 TUB Y5P 50V A 270P PM10 T
0001402520	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0001502522	202202000386	00ELCAP NS 25V 47U PM20 T
0001602523	222258015623	00CER2 0805 X7R 50V 1N COL R
0001702524	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0001802525	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0001902526	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0002002527	202056190135	00CER2 TUB Y5P 50V A 270P PM10 T
0002102528	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0002202529	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0002302530	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0002402531	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0002502532	202056190135	00CER2 TUB Y5P 50V A 270P PM10 T
0002602533	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0002702534	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0002802535	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0002902536	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0003002537	202056190135	00CER2 TUB Y5P 50V A 270P PM10 T
0003102538	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0003202539	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0003302540	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0003402541	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0003502542	202056190135	00CER2 TUB Y5P 50V A 270P PM10 T
0003602543	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0003702544	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0003802545	202056190081	00CER1 TUB SL 50V A 22P PM5 A
0003902546	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0004002547	202056190135	00CER2 TUB Y5P 50V A 270P PM10 T
0004102548	202056190136	00CER2 TUB Y5P 50V A 330P PM10 T
0004202549	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0004302550	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0004402551	202202000383	00ELCAP NS 25V 10U PM20 T
0004502552	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0004602553	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0004702554	222286115479	00CER1 0805 NPO 50V 47P PM5 R
0004802555	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0004902556	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0005002557	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0005102559	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0005202561	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0005302563	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0005402564	202202000386	00ELCAP NS 25V 47U PM20 T
0005502565	222258015623	00CER2 0805 X7R 50V 1N COL R
0005602566	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0005702567	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0005802568	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0005902569	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0006002570	202000990061	00ELCAP BP 16V S 100U PM20 B
0006102571	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0006202572	222258015623	00CER2 0805 X7R 50V 1N COL R
0006302573	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0006402574	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0006502575	202000990061	00ELCAP BP 16V S 100U PM20 B
0006602576	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0006702577	222258015623	00CER2 0805 X7R 50V 1N COL R
0006802578	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0006902579	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0007002580	202202000386	00ELCAP NS 25V 47U PM20 T
0007102581	222258015623	00CER2 0805 X7R 50V 1N COL R
0007202582	222258018812	00CER2 0805 Y5V 50V 100N P8020 R

RESISTORS

0007302583	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0007402584	202202000386	00ELCAP NS 25V 47U PM20 T
0007502585	222258015623	00CER2 0805 X7R 50V 1N COL R
0007602586	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0007702587	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0007802588	202202000386	00ELCAP NS 25V 47U PM20 T
0007902589	222258015623	00CER2 0805 X7R 50V 1N COL R
0008002590	222258018812	00CER2 0805 Y5V 50V 100N P8020 R
0008102591	222286115101	00CER1 0805 NPO 50V 100P PM5 R
0008202592	202202000386	00ELCAP NS 25V 47U PM20 T
0008302593	222258015623	00CER2 0805 X7R 50V 1N COL R
0008402594	202202000383	00ELCAP NS 25V 10U PM20 T
0008502595	202001291811	00ELCAP SU 25V S 220U PM20 A
0008602596	222258015623	00CER2 0805 X7R 50V 1N COL R
0008702801	202202000386	00ELCAP NS 25V 47U PM20 T
0008802802	202202000386	00ELCAP NS 25V 47U PM20 T
0008902803	202202000386	00ELCAP NS 25V 47U PM20 T
0009002804	202202000386	00ELCAP NS 25V 47U PM20 T
0009103201	232273061101	00RST SM 0805 RC11 100R PM5 R
0009203202	232273061272	00RST SM 0805 RC11 2K7 PM5 R
0009303203	232273061223	00RST SM 0805 RC11 22K PM5 R
0009403204	232273061101	00RST SM 0805 RC11 100R PM5 R
0009503205	232273061472	00RST SM 0805 RC11 4K7 PM5 R
0009603206	232273061103	00RST SM 0805 RC11 10K PM5 R
0009703207	232273061332	00RST SM 0805 RC11 3K3 PM5 R
0009803208	232273091003	00RST SM 0805 JUMP OR05 COL R
0009903209	232273061272	00RST SM 0805 RC11 2K7 PM5 R
0010003210	232273061472	00RST SM 0805 RC11 4K7 PM5 R
0010103211	232273061103	00RST SM 0805 RC11 10K PM5 R
0010203212	232273061478	00RST SM 0805 RC11 4R7 PM5 R
0010303213	232273061478	00RST SM 0805 RC11 4R7 PM5 R
0010403506	232273061103	00RST SM 0805 RC11 10K PM5 R
0010503507	232273061103	00RST SM 0805 RC11 10K PM5 R
0010603508	232273061103	00RST SM 0805 RC11 10K PM5 R
0010703509	232273061103	00RST SM 0805 RC11 10K PM5 R
0010803510	232273061478	00RST SM 0805 RC11 4R7 PM5 R
0010903511	232273091003	00RST SM 0805 JUMP OR05 COL R
0011003512	232273061478	00RST SM 0805 RC11 4R7 PM5 R
0011103513	232273061478	00RST SM 0805 RC11 4R7 PM5 R
0011203514	232273061221	00RST SM 0805 RC11 220R PM5 R
0011303515	232273061272	00RST SM 0805 RC11 2K7 PM5 R
0011403518	232273061103	00RST SM 0805 RC11 10K PM5 R
0011503524	232273061221	00RST SM 0805 RC11 220R PM5 R
0011603525	232273061272	00RST SM 0805 RC11 2K7 PM5 R
0011703528	232273061103	00RST SM 0805 RC11 10K PM5 R
0011803529	232273061101	00RST SM 0805 RC11 100R PM5 R

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0012103532   232273061689   00RST SM 0805 RC11 68R PM5       R
0012203535   232273061103   00RST SM 0805 RC11 10K PM5       R
0012303538   232273061103   00RST SM 0805 RC11 10K PM5       R
0012403539   232273061101   00RST SM 0805 RC11 100R PM5      R
0012503540   232273261003   00RST SM 0805  RC12G  10K PM1  R
0012603541   232273261003   00RST SM 0805  RC12G  10K PM1  R
0012703542   232273261003   00RST SM 0805  RC12G  10K PM1  R
0012803543   232273261003   00RST SM 0805  RC12G  10K PM1  R
0012903544   232273061101   00RST SM 0805 RC11 100R PM5      R
0013003545   232273061272   00RST SM 0805 RC11 2K7 PM5       R
0013103546   232273061101   00RST SM 0805 RC11 100R PM5      R
0013203549   232273061103   00RST SM 0805 RC11 10K PM5       R
0013303550   232273261003   00RST SM 0805  RC12G  10K PM1  R
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0013503552   232273261003   00RST SM 0805  RC12G  10K PM1  R
0013603553   232273261003   00RST SM 0805  RC12G  10K PM1  R
0013703554   232273061101   00RST SM 0805 RC11 100R PM5      R
0013803555   232273061272   00RST SM 0805 RC11 2K7 PM5       R
0013903556   232273061101   00RST SM 0805 RC11 100R PM5      R
0014003557   232273061272   00RST SM 0805 RC11 2K7 PM5       R
0014103559   232273061103   00RST SM 0805 RC11 10K PM5       R
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0016503592   232273261003   00RST SM 0805  RC12G  10K PM1  R
0016603594   232273061221   00RST SM 0805 RC11 220R PM5      R
0016703595   232273061272   00RST SM 0805 RC11 2K7 PM5       R
0016803596   232273061101   00RST SM 0805 RC11 100R PM5      R
0016903598   232273061103   00RST SM 0805 RC11 10K PM5       R
```

COILS & CRYSTAL QUARTZ

```
0017005500   242254941663   00IND VAR 7MM 7CHA 100U PM10   B
0017105501   314101820410   00IND SMD BEAD EMI A 4S2
0017205502   314101820410   00IND SMD BEAD EMI A 4S2
0017305503   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0017405504   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0017505505   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0017605506   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0017705507   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0017805508   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0017905509   242253594163   00IND FXD LAL02 A  1U8  PM5    T
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0018105511   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0018205512   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0018305513   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0018405514   242253594163   00IND FXD LAL02 A  1U8  PM5    T
0018505515   314101820410   00IND SMD BEAD EMI A 4S2
0018605516   314101820410   00IND SMD BEAD EMI A 4S2
0018705517   314101820410   00IND SMD BEAD EMI A 4S2
```

DIODES

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0018806501   933083990133   00DIO SIG 1N4148  A  (PHSE)   A
0018906502   933083990133   00DIO SIG 1N4148  A  (PHSE)   A
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TRANSISTORS & INTERGRATED CIRCUITS

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0019007502   933715320112   00IC SM 74HCT4053D      (PHSE)
0019107503   824101045120   00IC SMD NJM4560
0019207504   933714000653   00IC SM 74HCU04D       (PHSE)   R
0019307505   932210835687   00OPT SEN GP1F32T (SRPJ) L
0019407506   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0019507508   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0019607510   314101850250   00LC1117V33C VOLTAGE REGULATOR S
0019707511   935261617118   00IC SM UDA1328T/N1      (PHSE) R
0019807512   932202018668   00IC SM LM833D         (MOTA)   B
0019907513   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0020007514   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0020107515   824101045120   00IC SMD NJM4560
0020207516   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0020307517   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0020407518   824101045120   00IC SMD NJM4560
0020507519   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0020607521   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0020707523   824101045120   00IC SMD NJM4560
0020807524   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0020907526   933628630215   00TRA SIG SM BC817-25   (PHSE) A
0021007528   933589630215   00TRA SIG SM BC848B     (PHSE) A
0021107529   933589790215   00TRA SIG SM BC858B     (PHSE) A
0021207530   933589790215   00TRA SIG SM BC858B     (PHSE) A
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FRONT BOARD

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1400	A7	1411	D2	1417	D1	2404	B5	2412	C6	3402	B2	3408	D1	3414	B6	3425	D6	6401	D2	7401	C1	9441	C1
1401	B7	1412	D2	1418	B8	2405	B6	2413	C6	3403	B2	3409	D1	3420	D9	3426	D6	6402	B5	7402	C8	9442	C1
1403	B1	1413	D2	2400	A2	2406	B6	2414	C6	3404	B2	3410	D2	3421	D7	3430	D7	6403	C5	7403	D7	9443	C1
1404	A2	1414	D2	2401	B1	2407	B6	2415	D6	3405	B1	3411	D2	3422	D7	3431	B1	6404	B5	7404	C6		
1405	B8	1415	D2	2402	C1	2410	D8	3400	A3	3406	C1	3412	C5	3423	C7	3432	B1	6420	B8	7405	D6		
1406	B8	1416	D2	2403	C2	2411	D7	3401	A2	3407	C2	3413	B5	3424	C7	6400	D2	7400	B3				
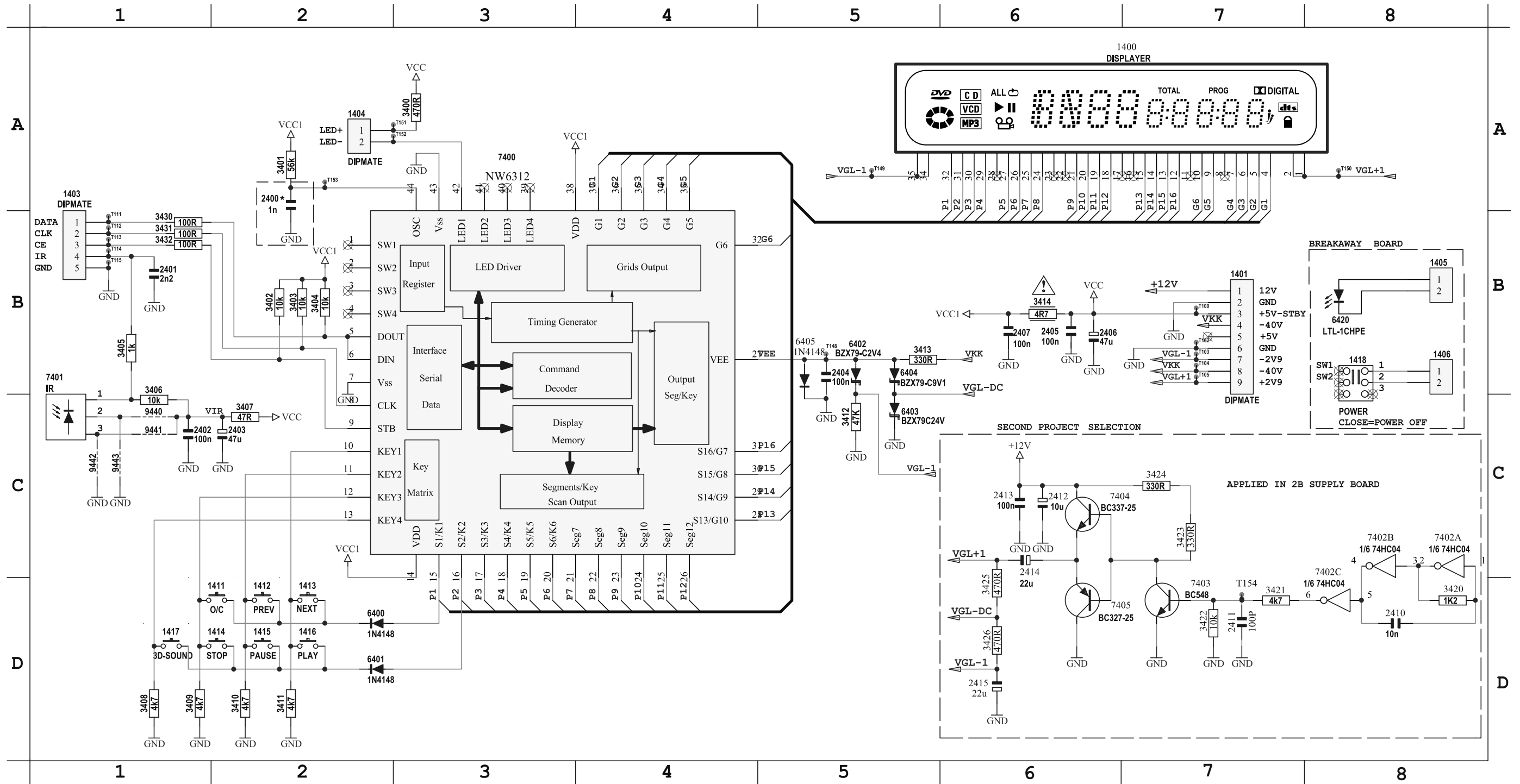
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1403 A7 1417 A7 2407 A4 3401 A6 3409 B6 3422 A1 6400 B6 7403 A2 9405 A3 9413 B6
1404 B1 2400 A6 2410 A1 3402 A4 3410 B6 3423 A1 6401 A7 7404 A1 9406 A3 9414 B6
1411 C7 2401 A6 2411 A1 3403 A4 3411 B6 3424 A1 6402 A3 7405 A2 9407 A3 9415 A9
1412 B8 2402 B2 2412 A1 3404 A4 3412 A3 3425 A2 6403 A2 9400 A3 9408 A3 9440 B2
1413 B8 2403 B2 2413 A1 3405 A6 3413 A3 3426 A2 6404 A2 9401 A3 9409 A3 9441 B2
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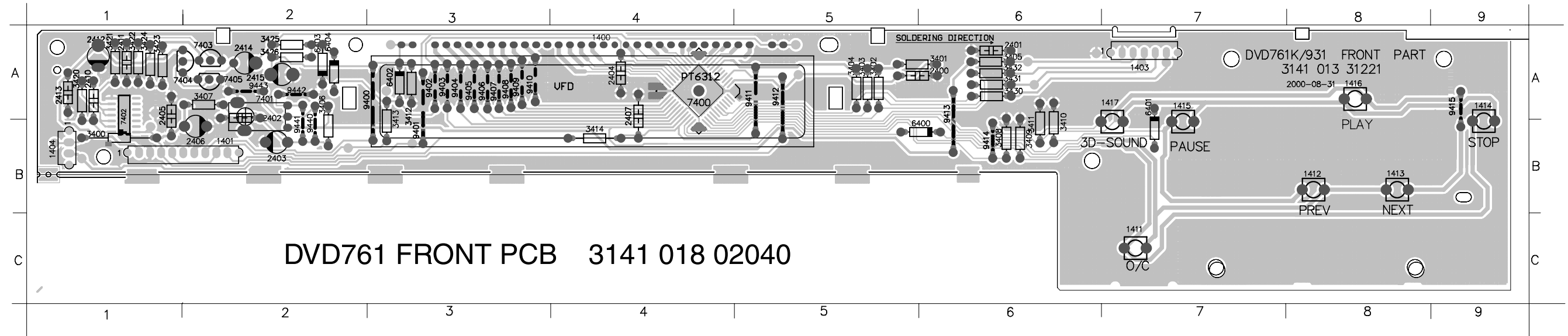
MISCELLANEOUS

0000101400	314101880320	00VFD DS HNV-O6SS63T
0000201405	242202509011	00CON BM V 2P M 2.50 XH
0000301406	242202509011	00CON BM V 2P M 2.50 XH
0000401411	242212802496	00SWI TACT 1P 20MA 15V EVQ21
0000501411	242212802496	00SWI TACT 1P 20MA 15V EVQ21
0000601411	242212802496	00SWI TACT 1P 20MA 15V EVQ21
0000701411	242212802496	00SWI TACT 1P 20MA 15V EVQ21
0000801411	242212802496	00SWI TACT 1P 20MA 15V EVQ21
0000901411	242212802496	00SWI TACT 1P 20MA 15V EVQ21
0001001411	242212802496	00SWI TACT 1P 20MA 15V EVQ21
0001101418	242212802939	00SWI BM V PUSH 2P2T

CAPACITORS

0001202401	202056190271	00CER2 TUB Y5R 16V A 2N2 PM10
0001302402	202056190359	00CER2 TUB Y5V 50V 100N P8020
0001402403	202202000386	00ELCAP NS 25V 47U PM20
0001502404	202056190359	00CER2 TUB Y5V 50V 100N P8020
0001602405	202056190359	00CER2 TUB Y5V 50V 100N P8020
0001702406	202202000386	00ELCAP NS 25V 47U PM20
0001802407	202056190359	00CER2 TUB Y5V 50V 100N P8020

RESISTORS

0001903400	213810110471	00RST CRB R-20 A 470R PM5
0002003401	213810110563	00RST CRB R-20 A 56K PM5
0002103402	213810110103	00RST CRB R-20 A 10K PM5
0002203402	213810110103	00RST CRB R-20 A 10K PM5
0002303402	213810110103	00RST CRB R-20 A 10K PM5
0002403405	213810110102	00RST CRB R-20 A 1K PM5
0002503402	213810110103	00RST CRB R-20 A 10K PM5
0002603407	213810110479	00RST CRB R-20 A 47R PM5
0002703408	213810110472	00RST CRB R-20 A 4K7 PM5
0002803408	213810110472	00RST CRB R-20 A 4K7 PM5
0002903408	213810110472	00RST CRB R-20 A 4K7 PM5
0003003408	213810110472	00RST CRB R-20 A 4K7 PM5
0003103408	213810110472	00RST CRB R-20 A 4K7 PM5
0003203413	213810110331	00RST CRB R-20 A 330R PM5
0003303414	232220533478	00RST FUSE NFR25 A 4R7 PM5 A $
0003403430	213810110101	00RST CRB R-20 A 100R PM5
0003503431	213810110101	00RST CRB R-20 A 100R PM5
0003603432	213810110101	00RST CRB R-20 A 100R PM5

DIODES

0003706400	933083990133	00DIO SIG 1N4148 A (PHSE)
0003806401	933083990133	00DIO SIG 1N4148 A (PHSE)
0003906402	933414680113	00DIO REG BZX79C2V4 A (PHSE)
0004006403	933117880133	00DIO REG BZX79C-24 A (PHSE)
0004106404	933117780133	00DIO REG BZX79-C9V1 A (PHSE)
0004206420	314101850630	00LED VS LTL-1CHPE (LITO)

TRANSISTORS & INTERGRATED CIRCUITS

0004307400	824101040440	00IC PT6312
0004407401	824101045320	00HEG836-16GP

NOTE: 1.Only the parts mentioned in this list are
        availiable for service.

MIC BOARD

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1000 B1	2207 B5	2218 D2	2229 C5	3201 A2	3213 C3	3224 E2	3235 D6	5201 D2	7205 E4
1001 D1	2208 C2	2219 D3	2232 D5	3202 D1	3214 C3	3225 E3	3236 D2	5202 A1	7206 A4
1003 A6	2209 C3	2220 D3	2233 E5	3203 D1	3215 C3	3226 E3	3237 B2	6200 C3	7207 B4
1200 A1	2210 B3	2221 D3	2234 E5	3204 E1	3216 C3	3227 A2	3238 E4	6201 C3	7210 B3
2200 A2	2211 C3	2222 D3	2237 C5	3205 E1	3217 C3	3228 E4	3239 A3	6202 E3	7211 D5
2201 A3	2212 C3	2223 E2	2238 B6	3207 A4	3218 C4	3229 D4	3240 D4	6203 E3	7212 A3
2202 A3	2213 C2	2224 E3	2239 B6	3209 A4	3219 C4	3230 C5	3241 C4	7200 C2	
2203 A4	2214 C3	2225 E3	2240 B6	3210 B4	3220 C5	3231 C5	3242 D2	7201 C2	
2204 A5	2215 C3	2226 E4	2241 E1	3211 C2	3221 D2	3232 C6	3244 A4	7202 C4	
2205 B2	2216 C4	2227 E4	2242 E1	3212 C2	3222 D3	3233 E5	3245 B4	7203 E2	
2206 B4	2217 C4	2228 C5	2243 C6		3223 E2	3234 E5	5200 C2	7204 E2	

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1000 C4	2214 A4	3201 C1	3241 C3	5200 B3	6202 A3
1001 C3	2204 B3	3242 C2		5201 B3	6203 A3
1003 C2	2241 B3	3205 B2	3244 C2	5202 B3	6200 A4
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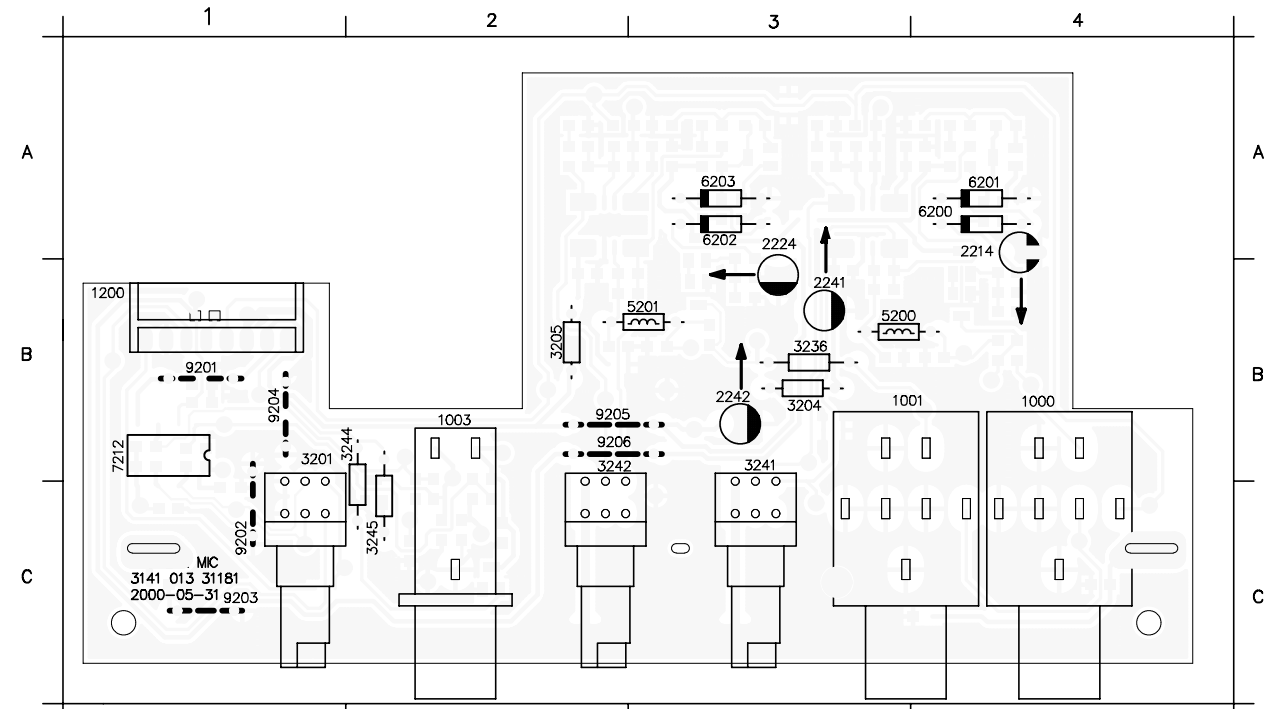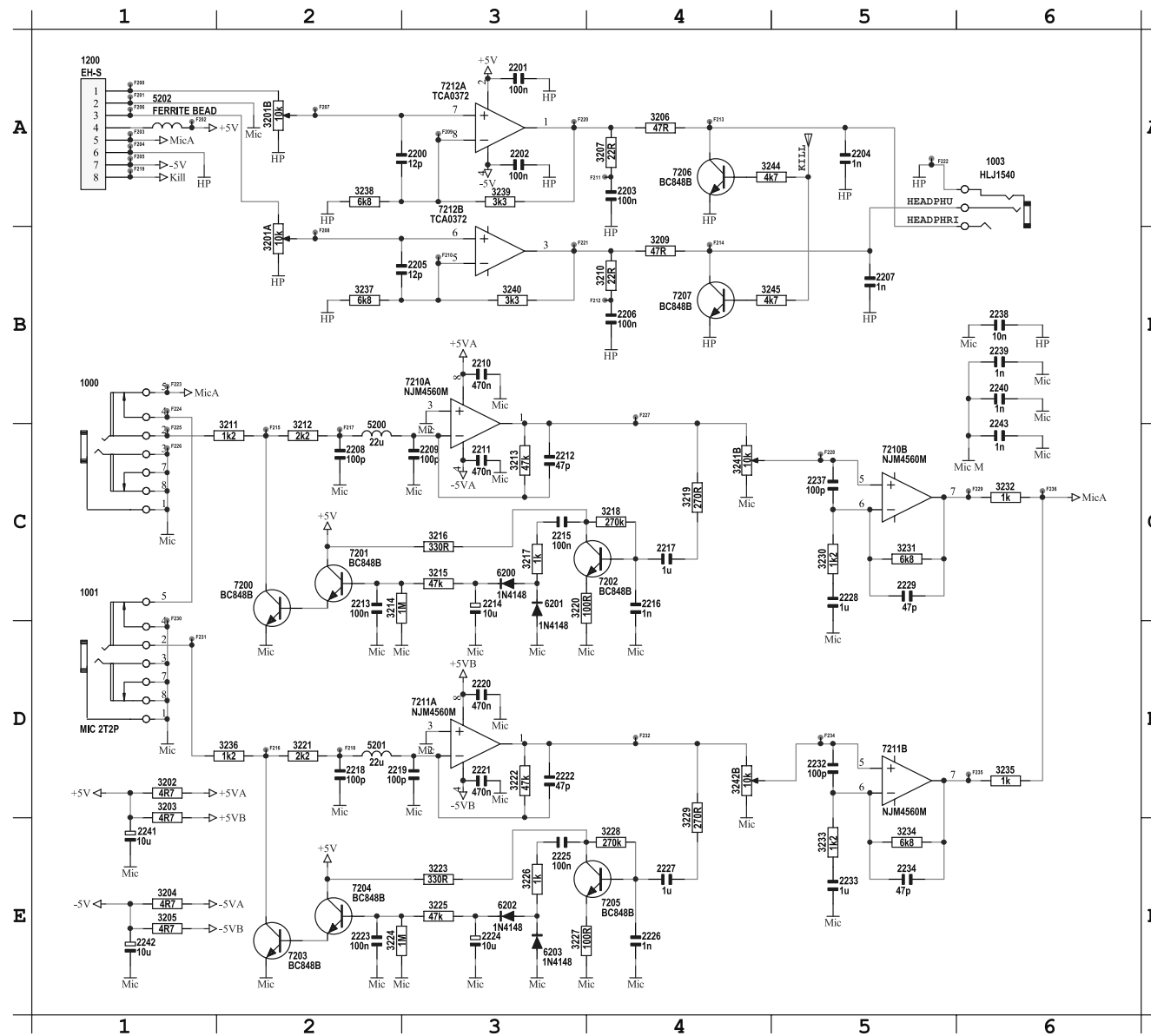
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2201 B4	2212 B2	2225 A2	2240 C4	3215 A1	3225 A2	3237 C4	7201 A1
2202 B4	2213 B1	2226 A3	2243 C1	3216 A1	3226 A2	3238 B4	7202 A1
2203 C3	2215 A1	2227 A2	3202 A2	3217 A1	3227 A2	3240 B4	7203 B2
2204 C3	2216 A2	2229 A2	3206 B3	3219 A1	3229 A2	3241 B4	7204 A2
2205 B4	2217 A1	2232 A3	3207 B3	3221 B2	3230 A2	4202 B3	7205 A2
2206 C3	2218 B3	2233 A3	3209 B3	3222 B3	3231 A2	4204 B2	7206 C2
2207 C3	2219 B3	2234 A3	3210 B3	3223 A2	3232 A2	4205 A2	7207 C2
2208 B2	2220 A3	2237 A2	3211 B1		3233 A3	4206 A2	7210 A2
2209 B2	2221 A3	2238 B4	3212 B1		3234 A3	4208 C4	7211 A3
2210 A2	2222 A3					5202 B4	

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MISCELLANEOUS

0000101000	242202604309	00CON BM PHONE H 1P F 6.3 ST B
0000201001	242202604309	00CON BM PHONE H 1P F 6.3 ST B
0000301003	242202604311	00CON BM PHONE H 1P F 6.3 ST B
0000401200	242202512492	00CON BM H 8P M 2.50 EH B

CAPACITORS

0000502200	222286115129	00CER1 0805 NP0 50V 12P PMR
0000602201	222278015649	00CER2 0805 X7R 16V 100N PMR
0000702202	222278015649	00CER2 0805 X7R 16V 100N PMR
0000802203	222278015649	00CER2 0805 X7R 16V 100N PMR
0000902204	222258015623	00CER2 0805 X7R 50V 1N PMR
0001002205	222286115129	00CER1 0805 NP0 50V 12P PMR
0001102206	222278015649	00CER2 0805 X7R 16V 100N PMR
0001202207	222258015623	00CER2 0805 X7R 50V 1N PMR
0001302208	222286115101	00CER1 0805 NP0 50V 100P PMR
0001402209	222286115101	00CER1 0805 NP0 50V 100P PMR
0001502210	222278019858	00CER2 0805 Y5V 16V 470N P80R
0001602211	222278019858	00CER2 0805 Y5V 16V 470N P80R
0001702212	222286115479	00CER1 0805 NP0 50V 47P PMR
0001802213	222278015649	00CER2 0805 X7R 16V 100N PMR
0001902214	202202000383	00ELCAP NS 25V 10U PM20 T
0002002215	222278015649	00CER2 0805 X7R 16V 100N PMR
0002102216	222258015623	00CER2 0805 X7R 50V 1N PMR
0002202217	222278019863	00CER2 0805 Y5V 16V 1U P80R
0002302218	222286115101	00CER1 0805 NP0 50V 100P PMR
0002402219	222286115101	00CER1 0805 NP0 50V 100P PMR
0002502220	222278019858	00CER2 0805 Y5V 16V 470N COL R
0002602221	222278019858	00CER2 0805 Y5V 16V 470N COL R
0002702222	222286115479	00CER1 0805 NP0 50V 47P PMR
0002802223	222278015649	00CER2 0805 X7R 16V 100N PMR
0002902224	202002490019	00ELCAP KS 16V S 10U PM20 A
0003002225	222278015649	00CER2 0805 X7R 16V 100N PMR
0003102226	222258015623	00CER2 0805 X7R 50V 1N PMR
0003202227	222278019863	00CER2 0805 Y5V 16V 1U P80R
0003302228	222278019863	00CER2 0805 Y5V 16V 1U P80R
0003402229	222286115479	00CER1 0805 NP0 50V 47P PMR
0003502232	222286115101	00CER1 0805 NP0 50V 100P PMR
0003602233	222278019863	00CER2 0805 Y5V 16V 1U P80R
0003702234	222286115479	00CER1 0805 NP0 50V 47P PMR
0003802237	222286115101	00CER1 0805 NP0 50V 100P PMR
0003902238	222258019805	00CER2 0805 Y5V 50V 10N P80R
0004002239	222258015623	00CER2 0805 X7R 50V 1N PMR
0004102240	222258015623	00CER2 0805 X7R 50V 1N PMR
0004202241	202202000383	00ELCAP NS 25V 10U PM20 T
0004302242	202202000383	00ELCAP NS 25V 10U PM20 T

RESISTORS

0004403201	314101060180	00POTM CAR LOG 10K H AR0971B
0004503202	232273061478	00RST SM 0805 6G 4R7 PM5 R
0004603203	232273061478	00RST SM 0805 6G 4R7 PM5 R
0004703204	213810110478	00RST CRB A R-20 A 4R7 PMA
0004803205	213810110478	00RST CRB A R-20 A 4R7 PMA
0004903206	232273061479	00RST SM 0805 6G 47R PM5 R
0005003207	232273061229	00RST SM 0805 6G 22R PM5 R
0005103209	232273061479	00RST SM 0805 6G 47R PM5 R
0005203210	232273061229	00RST SM 0805 6G 22R PM5 R
0005303211	232273061122	00RST SM 0805 6G 1K2 PM5 R
0005403212	232273061222	00RST SM 0805 6G 2K2 PM5 R
0005503213	232273061473	00RST SM O805 6G 47K PM5 R
0005603214	232273061105	00RST SM 0805 6G 1M PM5 R
0005703215	232273061274	00RST SM 0805 6G 270K PM5 R
0005803216	232273061331	00RST SM 0805 6G 330R PM5 R
0005903217	232273061102	00RST SM 0805 6G 1K PM5 R
0006003218	232273061274	00RST SM 0805 6G 270K PM5 R
0006103219	232273061271	00RST SM 0805 6G 270R PM5 R
0006203220	232273061101	00RST SM 0805 6G 100R PM5 R
0006303221	232273061222	00RST SM 0805 6G 2K2 PM5 R
0006403222	232273061473	00RST SM O805 6G 47K PM5 R
0006503223	232273061331	00RST SM 0805 6G 330R PM5 R
0006603224	232273061105	00RST SM 0805 6G 1M PM5 R
0006703225	232273061274	00RST SM 0805 6G 270K PM5 R
0006803226	232273061102	00RST SM 0805 RC11 1K PM5 R
0006903227	232273061101	00RST SM 0805 6G 100R PM5 R
0007003228	232273061274	00RST SM 0805 6G 270K PM5 R
0007103229	232273061271	00RST SM 0805 6G 270R PM5 R
0007203230	232273061122	00RST SM 0805 6G 1K2 PM5 R
0007303231	232273061682	00RST SM 0805 6G 6K8 PM5 R
0007403232	232273061102	00RST SM 0805 6G 1K PM5 R
0007503233	232273061122	00RST SM 0805 6G 1K2 PM5 R
0007603234	232273061682	00RST SM 0805 6G 6K8 PM5 R
0007703235	232273061102	00RST SM 0805 6G 1K PM5 R
0007803236	213810110122	00RST CRB A R-20 A 1K2 PMA
0007903237	232273061682	00RST SM 0805 6G 6K8 PM5 R
0008003238	232273061682	00RST SM 0805 6G 6K8 PM5 R
0008103239	232273061332	00RST SM 0805 6G 3K3 PM5 R
0008203240	232273061332	00RST SM 0805 6G 3K3 PM5 R
0008303241	314101060170	00POTM CAR LOG 10K H AR0971B
0008403242	314101060170	00POTM CAR LOG 10K H AR0971B
0008503244	213810110472	00RST CRB R-20 A 4K7 PM5 A
0008603245	213810110472	00RST CRB R-20 A 4K7 PM5 A

0 Ohm resistors for short

0008704202	232273091003	00RST SM 0805 JUMP. MAX 0RR
0008804204	232273091003	00RST SM 0805 JUMP. MAX 0RR
0008904205	232273091003	00RST SM 0805 JUMP. MAX 0RR
0009004206	232273091003	00RST SM 0805 JUMP. MAX 0RR
0009104208	232273091003	00RST SM 0805 JUMP. MAX 0RR

COILS & CRYSTAL QUARTZ

0009205200	242253594329	00IND FXD SPT0204 A 22U PMA
0009305201	242253594329	00IND FXD SPT0204 A 22U PMA
0009405202	314101820410	00IND SMD BEAD EMI A 4S2

DIODES

0009506200	933083990133	00DIO SIG 1N4148 A (PHSE) A
0009606201	933083990133	00DIO SIG 1N4148 A (PHSE) A
0009706202	933083990133	00DIO SIG 1N4148 A (PHSE) A
0009806203	933083990133	00DIO SIG 1N4148 A (PHSE) A

TRANSISTORS & INTERGRATED CIRCUITS

0009907200	933589630215	00TRA SIG SM BC848B (MOTR
0010007201	933589630215	00TRA SIG SM BC848B (MOTR
0010107202	933589630215	00TRA SIG SM BC848B (MOTR
0010207203	933589630215	00TRA SIG SM BC848B (MOTR
0010307204	933589630215	00TRA SIG SM BC848B (MOTR
0010407205	933589630215	00TRA SIG SM BC848B (MOTR
0010507206	933589630215	00TRA SIG SM BC848B (MOTR
0010607207	933589630215	00TRA SIG SM BC848B (MOTR
0010707210	824101045120	00IC SMD NJM4560
0010807211	824101045120	00IC SMD NJM4560
0010907212	933910930682	00IC TCA0372DP1 (MOTA) L

NOTE: 1.Only the parts mentioned in this list
         are availiable for service.

DVD761K EXPLODED VIEW

0000100001 314101423750 00CABINET FRONT DVD761K
0000200203 313924400160 00LIGHT CONDUCTOR DVD950
0000300204 314101773670 00WINDOW DVD761K PRT
0000400205 314101773680 00BUTTON POWER DVD761K PNT
0000500206 313924400490 00LIGHT GUIDE HOLDER
0000600208 314101773690 00VOLUME KNOB DVD761K PNT
0000700219 314101773700 00DOOR DVD761K PNT
0000800240 314101773730 00BUTTON CONTROL DVD761K PNT PRT
0000900242 314101773740 00RING DVD761K PNT
0001000244 313924400410 00FOOT DVD711
0001100249 314101400270 00CUSHION
0001200250 313924120090 00EARTH PLATE HEADPHONE
0001300252 314101160390 00EMC SPRING
0001401001 314101802020 00PBAS MPEG DVD761K
0001501002 312242722530 00PSU DVD STEP2A
0001601003 314101802040 00PBAS FRONT DVD761K
0001701004 314101802030 00PBAS AV DVD761K
0001801005 314101801980 00PBAS MIC DVD721K
0001901006 314101802010 00DVD LOADER MOULD DU4
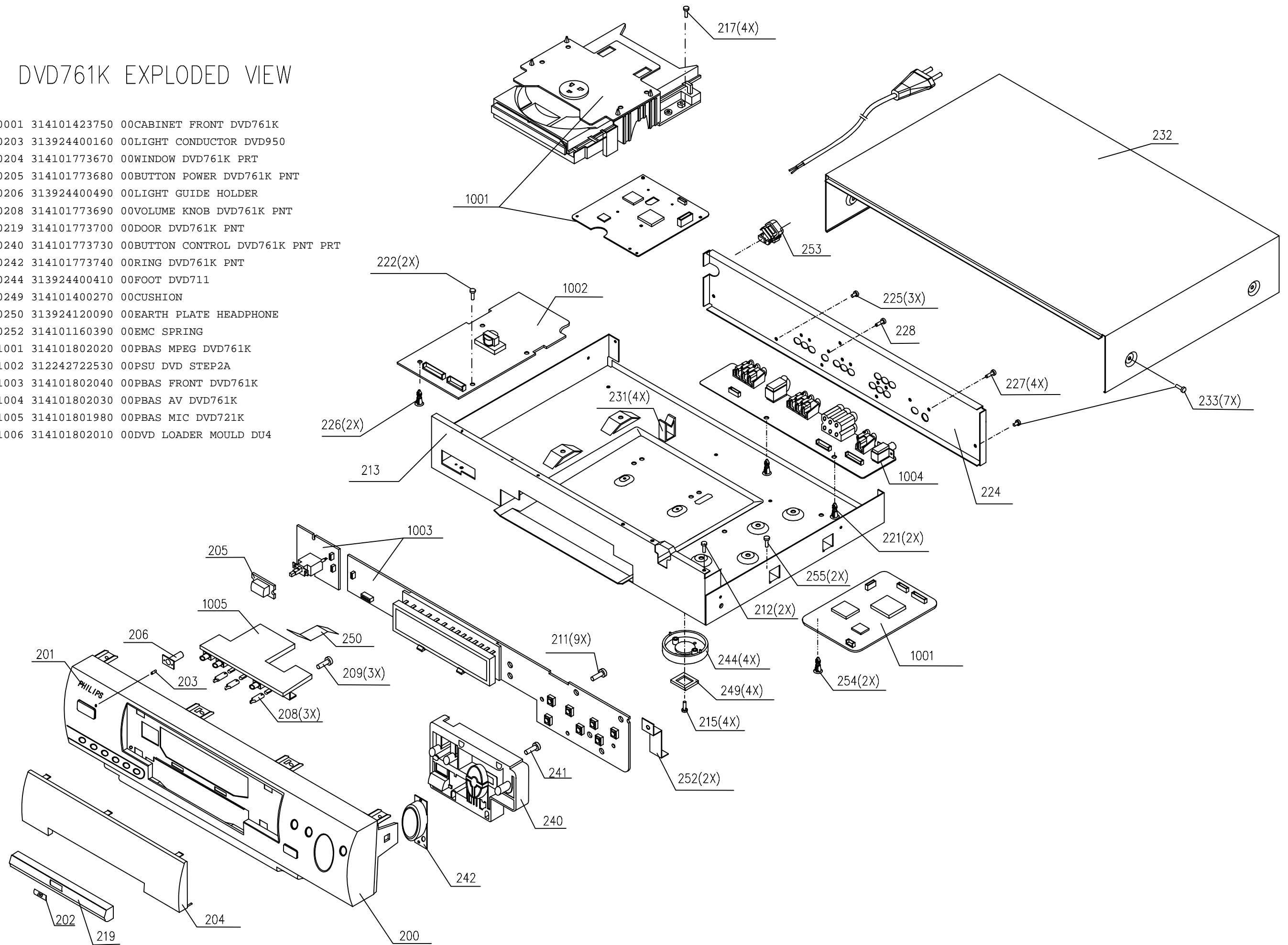
SERVICE HINTS

Philips Consumer Electronics

Category: Beijing Philips Audio/video Corporation (BPAVC)

Author: Green.Xu

Date: 2001-02-08

Service Profile DVD761K

1. INTRODUCTION

1.1 GENERAL INTRODUCTION

* DVD761K is designed and manufactured in BPAVC (Beijing Philips Audio/Video Corporation) China. Producing started at 2001/1/8.

* The loader and servo board are integrated unit importing from Panasonic. So it can't performance component level repair. It should be treated as one unit.

* MPEG board is designed by C-CUBE, both software and hardware, we did the part of customer interface. Although we provide the theory introduction, but we recommended you to change the whole board after soldering concerning pins.

1.2 INTRODUCING COUNTRIES

Model:	Country:
DVD761/03R	Dubai (middle east Asia)
DVD761/69R	Singapore
DVD761/75R	Australia and New Zealand
DVD761/93R	China

1.3 QUANTITIES AND FIRST SHIPMENT DATES PER COUNTRY

Model:	First shipment:	Planned quantity:
DVD761/03R	Jan 2001	3k
DVD761/69R	Jan 2001	8k
DVD761/75R	Jan 2001	4k

2. FEATURES

2.1 FEATURE SURVEY

* Disc types capability: DVD, VCD, CD, MP3. CD-R and CD-RW are not available.

* Video output: CBAV, S-video, Y/Cr/Cb.

* Audio output: Stereo L/R, 6-channels audio output for home cinema system; digital audio output include optical and coaxial port.

2.2 EXPLANATION OF NEW COMMERCIAL FEATURES

What we called LLM (Language learning machine) and KLM (Karaoke Learning Machine) provide you several methods of recording and repeating your reading for the language study.

3. ARCHITECTURE AND CHARACTERISTICS

3.1 DESCRIPTION OF THE ARCHITECTURE

3.1.1 Architecture of the DVD761

The DVD761 is combined with the following boards:

* MPEG Board.

* Loader unit with SERVO Board

* FRONT Board

* AV Board

* MIC Board

* POWER Board

MPEG board is the most complicated board designed by C-CUBE both in software and hardware. We did the PCB lay out and EMC (Electric Magnetism Compatible) work. The main decoder chip is ZIVA4.2 which developed by C-CUBE.

Loader unit is developed by Panasonic, they do not open the technology to us, all I can get for use is a schematic diagram, (other references is written in Japanese, I don't know Japanese.) So this unit can't be repaired, we can only replace it.

Front board, MIC board and AV board are all designed and manufactured in BPAVC, so we can provide fully technical support. Please refer to the <DVD761K service training>.

Power board uses the type STEP-2A which is used in DVD955, it has been studied for long time, please refer to the DVD955 service menu for details. (12NC: 4840 785 10090)

3.2 EXPECTED FIELD CALL RATE

Complete set:	FCR:
DVD	5%