

Service Manual

DV7001 /F N/K1G/N1B/N1S/U1B
Super Audio CD/DVD Player

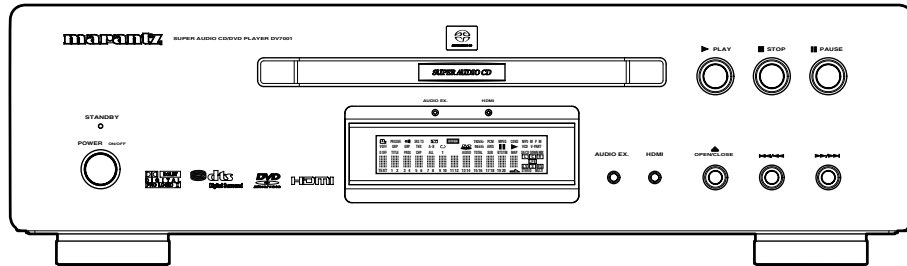


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Please use this service manual with referring to the user guide (D.F.U.) without fail.
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

marantz®

DV7001

Part no. 90M30AK855010
First Issue 2007.01
MZ

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, **MARANTZ** company has created the ultimate in stereo sound. Only original **MARANTZ** parts can insure that your **MARANTZ** product will continue to perform to the specifications for which it is famous.

Parts for your **MARANTZ** equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS :

Parts can be ordered either by mail or by Fax.. In both cases, the correct part number has to be specified.

The following information must be supplied to eliminate delays in processing your order :

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature : any order form or Fax. must be signed, otherwise such part order will be considered as null and void.

USA

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100 CORPORATE DRIVE
MAHWAH, NEW JERSEY 07430
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CHINA

MARANTZ SHANGHAI TRADING LTD.
ROOM.506 SHANGHAI LIGHT INDUSTRY MANSION
1578 NANJING (WEST) ROAD SHANGHAI
CHINA
TEL : 021 - 6248 - 1064
FAX : 021 - 6248 - 3565

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard No. 1492.

In case of difficulties, do not hesitate to contact the Technical Department at above mentioned address.

1. TECHNICAL SPECIFICATIONS

General

System...DVD-Video, DVD Audio, DVD±R/RW, Super Audio CD, Video CD, CD, MP3 files, JPEG files, DviX and WMA

Power requirements

- F VersionAC 100 V, 50/60 Hz
- K VersionAC 220 V, 50/60 Hz
- N VersionAC 230 V, 50/60 Hz
- U VersionAC 120 V, 60 Hz

Power consumption27 W

Power consumption in standby mode0.8 W

Weight 7.3 kg (16 lb 15 oz)

Dimensions..... 440 (W) x 128 (D) x 3332 (H) mm
(17.3 (W) x 5 (D) x 13.1 (H) in.)

Operating temperature ... + 5 °C to + 35 °C (+ 41 °F to + 96 °F)

Operating humidity5 % to 85 % (no condensation)

S-Video output

Y (luminance) - Output level 1 Vp-p (75 Ω)

C (color) - Output level..... 286 mVp-p (75 Ω)

JacksS-VIDEO jack

Video output

Output level..... 1 Vp-p (75 Ω)

Jacks RCA jack

Component video output (Y, C_B, C_R)

Output level..... Y : 1.0 Vp-p (75 Ω)

C_B, C_R : 0.7 Vp-p (75 Ω)

Jacks RCA jack

D1/D2 video output (Y, C_B, C_R) (/F : Japan model only)

Output level..... Y : 1.0 Vp-p (75 Ω)

C_B, C_R : 0.7 Vp-p (75 Ω)

D Terminal 14-pin

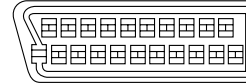
HDMI output

Output Terminal 19-pin
(all-digital audio/video interface)

21-pin connector assignment (/N : Europe model only)

AV connector output 21-pin connector
This connector provides the video and audio signals for connection to a compatible color TV or monitor.

20 18 16 14 12 10 8 6 4 2



21 19 17 15 13 11 9 7 5 3 1

PIN no.

1	Audio 2/R out	15	R out
3	Audio 1/L out	16	Blank
4	GND	17	GND
7	B out	19	Video out
8	Status	21	GND
11	G out		

Audio output

Output level (During audio output).....2 Vrms (1 kHz, 0 dB)

Number of channels 2/6

Jacks RCA jack

Audio characteristics

Frequency response4 Hz to 44 kHz (DVD fs: 96 kHz)

S/N ratio..... 120 dB

Dynamic range 110 dB

Total harmonic distortion0.0008 %

Wow and flutter..... Limit of measurement
(± 0.001 % W. PEAK) or lower

Digital output

Coaxial digital output RCA jack

Optical digital output Optical digital jack

Other terminals

Control in/out RCA jack

Flasher input..... Mini jack (3.5Ø)

RS232C 1

Accessories

Remote control (RC001DV)..... 1

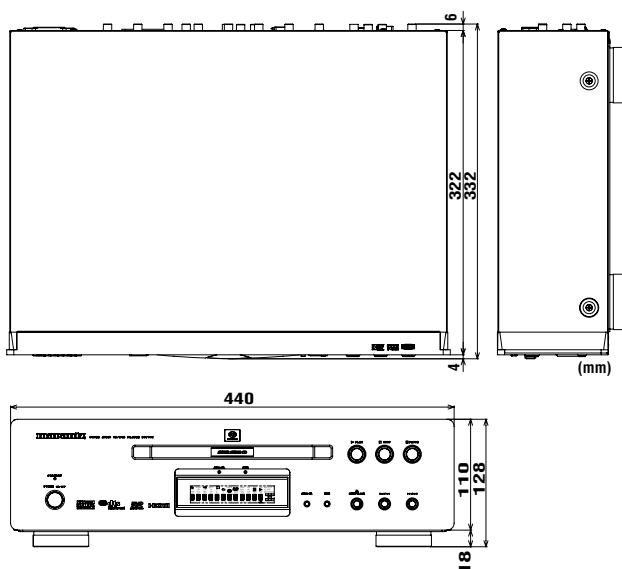
AAA/R03 dry cell batteries2

Audio/Video cable (yellow/red/white)..... 1

System control cable 1

Power cable 1

User Guide 1



Features

An HDCP-compatible HDMI*¹ terminal is provided for fully digital transmission that ensures the very highest picture and digital sound quality.

This unit comes with a High-Definition Multimedia Interface (HDMI) jack; an extended DVI interface for next-generation televisions. This interface allows transfers of uncompressed digital video and digital audio (audio streams such as Dolby Digital and DTS as well as linear PCM) with a single connector. HDMI standard Ver. 1.1 compatibility means the unit can also transfer DVD-Audio multi-channel audio over HDMI.

End-to-end full-digital transfers with all digital processing allow the enjoyment of realistic video without any image degradation caused by AD/DA conversions. And the unit can up-convert 480p video signals to 720p, 1080i, and 1080p video output signals using the scaling function and the HDMI jack.

High quality 12-bit/216 MHz Video D/A converter*²

The unit uses a Video D/A converter that performs D/A conversion of all video signals in 12-bits and can perform 8x over-sampling to let you enjoy beautiful video possible with DVD. Furthermore, NSV technology suppresses noise during DA conversion.

DCDi *³
by FAROUDJA

DCDi (Directional Correction Deinterlacing) computes and tracks the angle of the screen edge to fill in the missing pixels on the TV screen. DCDi significantly optimizes the image quality, especially during slow motion playback. This function is available only for progressive scan output.

High quality 24-bit/192 kHz DAC

The high specification 24-bit/192 kHz DAC delivers dynamic, smooth and expansive analog sound from CDs and DVDs.

❖ **フルデジタル伝送による最高画質・最高音質を実現するHDMI*¹端子を搭載**

DVIを拡張した次世代テレビ向けデジタルインターフェースであるHDMI (High-Definition Multimedia Interface)を搭載し、非圧縮のデジタル映像とデジタルオーディオ (ドルビーデジタル、DTS、といったオーディオストリームやリニアPCM) の伝送やさらにHDMI規格Ver1.1に準拠することにより、DVDオーディオマルチチャンネル音声の伝送が、1つのコネクタで行えます。このため入り口から出口までフルデジタル伝送・フルデジタルプロセスを実現し、AD/DA変換による画像劣化を皆無にするリアルな映像を実現します。またスケーリング機能によりHDMI端子を経由して480pの映像信号を720p、1080i、1080p映像信号へアップコンバートし、出力可能になりました。

❖ **アナログ出力で最高画質を実現する216MHz/12bit Video Encoder搭載**

13.5MHzの標準解像度ビデオに対してインターレース方式で8倍、プログレッシブ方式で4倍のオーバーサンプリングを達成した216MHzのVideo Encoderを搭載することにより高精度なD/A変換が可能になり、自然な輪郭を再現することに成功しました。NSV(Noise Shaping Video)*²技術により、ビデオノイズ成分を不要帯域にシフトさせ高精度な画像を実現しています。

❖ **“DCDi™” *³プログレッシブスキャン回路**

搭載 
by FAROUDJA

高精度なプログレッシブスキャン回路“DCDi™”を搭載していますので、映画などのDVDソフトをオリジナルに近い映像で再現できます (DCDi方式は、動きのあるビデオ素材でもギザギザが目立たない滑らかな輪郭を再現します)。

❖ **6チャンネルイコールクオリティのHDAM採用オーディオ専用基板搭載**

独立専用オーディオ基板コンセプトを採用。スーパーオーディオCDで培ったノウハウを惜しみなく投入し、オーディオ基板を他の回路より独立させ、映像回路からの影響をさえぎるため、裏全面にシールドをし、かつ基板配線、部品配置を極限まで理想を追った構成になっています。

さらに出力端子間には十分に余裕を持たせ、高級オーディオケーブルの使用も可能としています。

Superlative audio performance with Super Audio CD, DVD-Audio, Dolby*⁴ Digital and DTS*⁵ software

Logos:    

The DV7001 delivers breathtaking sound quality with Super Audio CD, DVD-Audio, Dolby Digital and DTS discs.

DivX *⁶

You can enjoy DivX[®] files which are recorded on DVD±R/RW or CD-R/RW. Plays DivX5.2, DivX4, DivX3 and DivX VOD Video content.

- This player supports Quarter Pixel.
- This player supports GMC.

MP3 and WMA*⁷ compatibility

This player is compatible with CD-R, CD-RW and CD-ROM discs that contain MP3 and WMA audio tracks.

JPEG compatibility

This player is compatible with CD-R, CD-RW and CD-ROM discs that contain JPEG data.

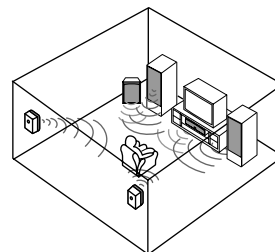
- *¹ HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- *² "NSV" is a registered trademark of Analog Device Co. Ltd.
- *³ "DCDi" is a registered trademark of Faroudja, a division of Genesis Microchip, Inc.
- *⁴ Manufactured under license from Dolby Laboratories. "Dolby" "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.
- *⁵ "DTS" and "DTS Digital Surround" are registered trademarks of DTS, Inc.
- *⁶ "DivX", and "DivX Ultra" Certified, and associated logos are trademarks of DivX, Inc. and are used under license.
- *⁷ Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.


- ❖ 映画館のような迫力のあるサウンドが味わえるDVDオーディオ、ドルビー*⁴デジタル/DTS*⁵デコーダー内蔵の高音質オーディオシステム


 

本機はDVDオーディオの高音質を再生可能にする192kHzサンプリング/24bitのDAC（デジタル/アナログコンバーター）を採用しています。

5.1チャンネルアナログ音声出力端子を装備し、ドルビーデジタルデコーダー、DTSデコーダーを内蔵しています。さらにドルビープロロジックⅡを搭載することにより、2チャンネルソースを5.1チャンネル化することができます。5.1チャンネル音声入力端子を持ったAVアンプなどと接続して映画館のような臨場感ある音声をお楽しみいただけます。



- ❖ DivX*⁶対応 

DivXの型式で収録されたCD及びDVDのデジタル映像を再生することができます。
- ❖ MP3/WMA*⁷対応 

MP3/WMAファイル形式で圧縮された音楽データが記録されたCD-ROM、CD-R、またはCD-RWディスクを再生することができます。
- ❖ JPEG対応


JPEG方式の静止画像が記録されたCD-ROM、CD-RまたはCD-RWディスクを再生することができます。

- *¹ HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- *² "NSV" はアナログデバイス社の登録商標です。
- *³ "DCDi" はFaroudjaジェネシスマイクロチップ社の登録商標です。
- *⁴ ドルビーラボラトリーズからの実施権に基づき製造されています。ドルビー、PRO LOGIC及びダブルD記号はドルビーラボラトリーズの商標です。
- *⁵ DTSおよびDTS Digital Surroundは米国Digital Theater Systems, Inc.の登録商標です。米国Digital Theater Systems, Inc. からの実施権に基づき製造されています。
- *⁶ DivX, DivX CertifiedおよびそのロゴはDivX Networks Inc.の商標であり、ライセンス承諾を得て使用されます。
- *⁷ Windows Media, Windowsロゴは米国、その他の国で、米国Microsoft Corporationの登録商標または商標になっています。

Discs compatible with this player


Any disc that displays one of the following logos should play in this player. Other formats, including DVD-RAM, DVD-ROM, CD-ROM (except those that contain MP3/DivX/WMA/JPEG files) and Photo CD will not play.

DVD-Video compatibility:

- Logos: 
- Single-sided or double-sided discs
- Single layer or dual layer discs
- Dolby Digital, DTS, MPEG or Linear PCM digital audio
- MPEG-2 digital video

Discs are generally divided into one or more titles. Titles may be further subdivided into chapters.


DVD-Audio compatibility:

- Logos: 
- Single sided discs
- Single layer or dual layer discs
- Linear or packed PCM digital audio
- Some discs may contain MPEG-2 video, and Dolby Digital, DTS or MPEG digital audio

Discs are generally divided into one or more groups. Groups may be further subdivided into tracks.


DVD-R compatibility:

This unit can play DVD-R discs. Please note the following points when using these discs:


- Logo: 
- This unit can play DVD-R discs recorded as DVD-Video format.

DVD-RW compatibility:

This unit can play DVD-RW discs. Please note the following points when using these discs:














- Logo: 
- This unit can play DVD-RW discs recorded as DVD-Video format, and DVD-VR format.
- DVD-RW discs that were recorded with copy-once only permission can be played.

DVD+R/+RW compatibility:

- Logo: 
- This unit can play DVD+R/+RW discs. Please note the followings points when using these discs.

本機で再生できるディスクの種類

- 本機はJEITA標準、NTSCカラー方式／PAL方式に適合していますので、NTSC方式とPAL方式両方のディスクを再生することができます。
- 以下のマークはディスクレーベル、パッケージ、またはジャケットに付いています。

再生できるディスクの種類とマーク			
DVDビデオ		DVDオーディオ*1	
			
DVD-R*2		DVD-RW*3	
			
スーパーオーディオCD			
			
ビデオCD			
			
CD	CD-R*4	CD-RW*4	
			


❖ 本機で再生できないディスクの種類

- リージョンが「2」「ALL」以外のDVDビデオ
- DVD-ROM・DVD-RAM・フォトCD
- CD-Gなど

ご注意


本機はアダプター（CD用）を使用しないで8cmCDを再生することができます。8cmアダプター（CD用）は使用しないでください。

Super Audio CD compatibility:

- Logo: 
- Single layer, dual layer or Hybrid layer
- 12cm (5in.) or 8cm (3in.) discs
- Digital audio (DSD)

Super Audio CDs are divided into tracks.

Audio CD compatibility:

- Logos: 
- 12cm (5in.) or 8cm (3in.) discs
- Linear PCM digital audio
- Audio CD, CD-R* and CD-RW* formats


CDs are divided into tracks.

*This unit can play CD-R and CD-RW discs recorded in Audio CD or Video CD format, or with MP3 audio files or Windows Media audio files or picture files or DivX files.

*Some copy-controlled CDs may not conform to official CD standards. They are special discs and may not play on the DV7001.


*The DV7001 does not support the non-DVD side of a Dual Disc.

Video CD compatibility:

- Logo: 
- 12cm (5in.) or 8cm (3in.) discs
- MPEG-1 digital audio
- MPEG-1 digital video

Video CDs are divided into tracks.

Super VCD compatibility:

- Logo: 
- 12cm (5in.) or 8cm (3in.) discs
- MPEG-1 digital audio
- MPEG-2 digital video

Super VCDs are divided into tracks.

*1 DVDオーディオディスクの再生について

DVDオーディオディスクに含まれるドルビーデジタルやDTSはDVDビデオ専用プレーヤーで再生していただくためのものです。本機で再生する場合は【プレーヤーモード】を【DVDビデオ】に切り換えてください。

*2 DVD-Rディスクの再生について

本機はDVDビデオフォーマットで記録されたDVD-Rディスクを再生することができます。

※ 詳しくはレコーダーの取扱説明書をご覧ください。

*3 DVD-RWディスクの再生について

- 本機はDVDビデオフォーマット、DVD-VRフォーマットで記録されたDVD-RWディスクを再生することができます。
- DVDレコーダーで編集した箇所を再生すると、そのつなぎ目で一瞬画面が静止画になることがあります。
- DVDレコーダーで録画、または編集したディスクを再生すると編集位置が多少ずれることがあります。


※ 詳しくはレコーダーの取扱説明書をご覧ください。

*4 CD-R/CD-RWディスクの再生について

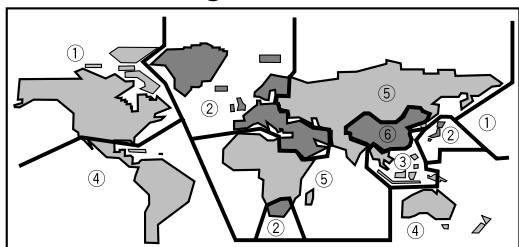
本機は音楽CDフォーマット、ビデオCDフォーマット、MP3/WMAの音楽データ、JPEGまたはDivXが記録されたCD-R/CD-RWディスクを再生することができます。ただし、ディスクによっては「再生できない」、「ノイズが出る」、または「音が歪む」などが起きることがあります。

※ 詳しくはレコーダーの取扱説明書をご覧ください。

ご注意

- ディスクレーベル面に「CDロゴ」マークの入ったものなどJIS規格に合致したディスクをご使用ください。CD規格外ディスクを使用された場合には、再生の保証は致しかねます。また、再生できた場合であっても音質の保証は致しかねます。
- デュアルディスクのオーディオ面は、CD規格に準拠していないため、再生できない場合があります。

DVD-Video regions



All DVD-Video discs carry a region mark on the case somewhere that indicates which region(s) of the world the disc is compatible with. Your DVD player also has a region mark, which you can find on the rear panel. Discs from incompatible regions will not play in this player. Discs marked **ALL** will play in any player.

General information

- This player can recognize in total about 650 files per folders and 300 folder per disc for MP3/DivX/WMA.
- When writing MP3/WMA/JPEG/DivX files to CD-R/RW discs, always be sure to set the writing format to ISO 9660 Level 1.
- For MP3 and WMA files recorded in Variable Bit Rate (VBR), the unit may not display the actual elapsed time.

MP3 compatibility information

- Files should be MPEG1 Audio Layer 3 format. The sampling rate is 8 kHz to 48 kHz, but it is depends on the bit rate. Incompatible files will not play.
- Audio encoded at 128 kbps should sound close to regular audio CD quality. Although this player will play 32 kbps to 320 kbps, but it is depends on the sampling rate.
- This player is compatible with ID3 ver.1.1 Tag. But the information display on the display on the Front panel and TV screen is only ID3 ver. 1.0 Tag.
- Maximum 30 characters can be displayed on the display on the Front panel and TV screen.
- This player cannot play DVD-R/RW discs with recorded MP3 music data.
- This player only plays tracks that are named containing the file extension “.mp3” or “.MP3”.
- This player is not compatible with multi-session discs. If you try and play a multi-session disc, only the first session will be played.

WMA compatibility information

- The sampling rate is 44.1 kHz (bit rate: 64 kbps-192 kbps) and 48 kHz (bit rate: 128 kbps-192 kbps).
- This player only plays tracks that are named with the file extension “.wma” or “.WMA”.

❖ MP3・WMA・JPEG・DivX共通インフォメーション

- ISO9660レベル1のCD-ROMファイルシステムに従って記録してください。
- MP3、WMA、DivXにおいてファイル数はフォルダー毎に約650ファイルまで対応しています。フォルダー数はディスク毎に約300フォルダーまで対応しています。
- 可変ビットレートで記録されたMP3、WMAファイルは、表示窓の時間表示が正しく表示されないことがあります。

❖ MP3の再生について

- MPEG1オーディオレイヤー3のサンプリング周波数8kHzから48kHzで記録されたファイルに対応しています。それ以外で記録されたファイルは再生することができません。
- ID3-Tagに対応しています。
- 32kbpsから320kbpsまでのビットレートに対応しています。
- 音質的には、記録ビットレート128kbpsを推奨します。
- 「.mp3」、または「.MP3」という拡張子がついたMP3ファイルのみ再生することができます。
- マルチセッションには対応していません。マルチセッションディスクのときは、最初のセッションのみ再生します。
- フォルダー/トラックの名前は最大30文字まで表示します（半角英数字で入力された文字のみ）。
- MP3の音楽データが記録されたDVD-R/RWディスクは、正常に再生できません。

❖ WMAの再生について

- サンプリングレートは、44.1kHz（ビットレート：64kbps～192kbps）と48kHz（ビットレート：128kbps～192kbps）に対応しています。
- 「.wma」、または「.WMA」という拡張子が付いたWMAファイルのみ再生することができます。
- Windows Media Digital Right Management (DRM) で保護されたディスクは再生することができません。

- This player can not play the disc contents protected by Windows Media Digital Right Management (DRM).

JPEG compatibility information

- While this player is designed to be able to handle image data recorded in JPEG format, no assurances are given that the player will be able to display image data recorded in all JPEG formats.
- This player can not display progressive JPEG images.
- This player can not display HD JPEG images.
- Always be sure to specify a file extension of “.JPG” or “.JPEG” for JPEG files. The file will not be able to be displayed if a file extension other than “.JPG” or “.JPEG” is specified or if no file extension is assigned to the file. (Note that this means that JPEG files created on a Macintosh will not be able to be displayed as is.)
- Depending on the file size and compression ratio, some JPEG pictures cannot be displayed correctly.

DivX compatibility information

- A file with an extension of “.avi” or “.divx” is called a DivX file.
- Maximum 30 characters can be displayed on the display on the Front panel and TV screen.
- Maximum 4 Gbyte of file size can be displayed.
- File should be MPEG1 Audio Layer 3 format and MPEG2 format.

Caution!

- DVD±R/RW and CD-R/RW discs recorded using a personal computer or a DVD or CD recorder may not play if the disc is damaged or dirty, or if there is dirt or condensation on the player's lens.
- If you record a disc using a personal computer, even if it is recorded in a compatible format, there are cases in which it may not play because of the settings of the application software used to create the disc. (Check with the software publisher for more detailed information.)
- There may be times when it is impossible to replay a CD-R/RW disc because of the characteristics of the disc being used or because of dirt or scratches on the disc.
- Unfinalized DVD-R/RW discs cannot be played.
- Unfinalized CD-R/RW discs cannot be played.
- Never try to replay anything other than a music CD (CDA format) or a CD-R/RW on which MP3 and/or JPEG files have been stored. Depending on the type of file, there may be times when doing so will result in problems or erroneous operation.

❖ JPEG再生について

- 本機はJPEGフォーマットで記録された画像データを処理できるように設計されていますが、JPEGフォーマットで記録されたすべての画像データの再生を保証するわけではありません。
- プログレッシブJPEGを再生することはできません。
- HD JPEGを再生することはできません。
- 「.JPG」、または「.JPEG」という拡張子が付いたJPEGファイルのみ再生することができます。(マッキントッシュで作成されたJPEGファイルをそのまま再生することはできません。)
- ファイルサイズと圧縮比によっては、再生できないJPEGファイルもあります。

❖ DivX再生について

- 「.avi」、または「.divx」という拡張子が付いたDivXファイルのみ再生することができます。
- 最大で30文字まで表示することができます。
- 最大で4Gバイトのファイルサイズまで再生できます。
- MPEG1オーディオレイヤー 3のフォーマットおよびMPEG2で記録されたファイルに対応しています。

ご注意

- レコーダー、またはパソコンで記録したDVD±R/RW、およびCD-R/RWディスクを再生できないことがあります(原因：ディスクの特性、傷、汚れ、プレーヤーのレンズの汚れ、または結露など)。
- パソコンで記録したディスクは、アプリケーションの設定、および環境によって再生できないことがあります。正しいフォーマットで記録してください(詳細はアプリケーションの発売元にお問い合わせください)。
- 本機ではファイナライズしていないDVD±R/RW、CD-R/RWディスクを再生することはできません。
- DVD±R/RW、およびCD-R/CD-RWディスクの取り扱いについては、ディスクの使用上の注意をご覧ください。
- 音楽CD (CDAフォーマット)、またはMP3/WMA、JPEG/DivXファイルが記録されているCD-R/RW以外のディスクは、決して再生しないでください。ファイルの種類によっては、故障や異常動作の原因になることがあります。
- CD、CD-R/RW、DVD±R/RWのレーベル面や記録面にシールやテープなどを貼らないでください。のりなどがディスク表面に付着すると、本機の内部にディスクが残り、取り出せなくなる恐れがあります。またディスクのバランスがくずれ、再生できなくなる恐れがあります。

About source audio output

When the source output mode has been switched among 2CH, Virtual Surround and 5.1 CH mode setting using the Audio Out setting, audio output for each source will be as shown in the following table.

Audio Contents		Audio Out Setting	Mixed 2ch output	5.1CH output	Digital output
DVD	Dolby Digital (2CH)	2 CH	2ch L/R	2ch L/R	PCM (Digital out is PCM) Bitstream (Digital out is All)
		Virtual Surround	2ch L/R	2ch+Vsurround	
		5.1 CH	2ch L/R	Dolby Pro Logic II	
	Dolby Digital (Multi CH)	2 CH	Mixed 2ch (L0/R0)	Mixed 2ch (L0/R0)	PCM Mixed 2CH (Digital out is set to PCM) Bitstream (Digital out is set to All)
		Virtual Surround	Mixed 2ch (Lt/Rt)	Mixed 2ch+Vsurround	
		5.1 CH	Mixed 2ch (Lt/Rt)	Multi CH	
	LPCM (2CH)	2 CH	2ch L/R	2ch L/R	PCM 2ch 44.1/48KHz (88.2/96KHz if LPCM OUT is set to 96KHz.)
		Virtual Surround	2ch L/R	2ch+Vsurround	
		5.1 CH	2ch L/R	Dolby Pro Logic II	
	DTS, DVD-Video/Audio (2CH), CD	2 CH	2ch L/R	2ch L/R	PCM (Digital out is PCM) Bitstream (Digital out is All)
		Virtual Surround	2ch L/R	2ch+Vsurround	
		5.1 CH	2ch L/R	2ch L/R	
	DTS, DVD-Audio (Multi)	2 CH	Mixed 2ch (L0/R0)	Mixed 2ch (L0/R0)	PCM Mixed 2CH (Digital out is set to PCM) Bitstream (Digital out is set to All)
		Virtual Surround	Mixed 2ch (Lt/Rt)	Mixed 2ch+Vsurround	
		5.1 CH	Mixed 2ch (Lt/Rt)	Multi CH	
	MPEG (MULTI)	2 CH	Mixed 2ch (L0/R0)	Mixed 2ch (L0/R0)	PCM (Digital out is PCM) Bitstream (Digital out is All)
		Virtual Surround	Mixed 2ch (Lt/Rt)	Mixed 2ch+Vsurround	
		5.1 CH	Mixed 2ch (Lt/Rt)	Multi CH	
	DVD-Audio (2CH)	2 CH	2ch L/R	2ch L/R	PCM 2CH
		Virtual Surround	2ch L/R	2ch L/R	
		5.1 CH	2ch L/R	2ch L/R	
	DVD-Audio (Multi)	2 CH	2ch (Lf/Rf)	2ch (Lf/Rf)	PCM 2ch (Lf/Rf)
		Virtual Surround	2ch (Lf/Rf)	2ch (Lf/Rf)+Vsurround	
		5.1 CH	2ch (Lf/Rf)	Multi CH	
CD	2 CH	2ch L/R	2ch L/R	PCM 2ch 44.1 KHz	
	Virtual Surround	2ch L/R	2ch+Vsurround		
	5.1 CH	2ch L/R	Dolby Pro Logic II		
Super Audio CD	2ch	2 CH	2ch L/R	2ch L/R	OFF
		Virtual Surround	---	---	OFF
		5.1 CH	---	---	OFF
	Multi	2 CH	---	---	OFF
		Virtual Surround	---	---	OFF
5.1 CH	Mixed 2ch (Lt/Rt)	Multi CH	OFF		
Video CD S-Video CD 2ch	2 CH	2ch L/R	2ch L/R	PCM 2ch 44.1 KHz	
	Virtual Surround	2ch+Vsurround	2ch+Vsurround	PCM 2ch 44.1 KHz + Vsurround	
	5.1 CH	Mixed 2ch	Dolby Pro Logic II	PCM 2ch 44.1 KHz	
MP3/DivX,WMA	2 CH	2ch L/R	2ch L/R	PCM 2CH	
	Virtual Surround	2ch L/R	2ch+Vsurround		
	5.1 CH	2ch L/R	Dolby Pro Logic II		

Note

- No Dolby Pro Logic II is allowed on DTS, DVD-Audio and Super Audio CD audio track.
- LFE (Subwoofer) will always carry the LFE channel.

HDMI Audio Output

Auto formats		HDMI Setting (Audio)			
		Auto ^{*1}	Multi PCM ^{*2}	2 ch PCM	Off
DVD	Dolby Digital	Dolby Digital	Multi channel PCM	2 Channel DOWNMIX	Not Output
	Linear PCM	Multi channel PCM	Multi channel PCM	2 Channel DOWNMIX	Not Output
	DTS	DTS	Multi channel PCM	2 Channel DOWNMIX	Not Output
DVD-Audio		Multi channel PCM	Multi channel PCM	2 Channel DOWNMIX ^{*3}	Not Output
CD/MP3/Super Audio CD ^{*4}		Left/Right			Not Output
DTS CD		DTS	Multi channel PCM	2 Channel DOWNMIX	Not Output
Video CD		Left/Right			Not Output

^{*1}: The order of priority in **Auto** mode is: **Bit Stream, Multi PCM, 2ch PCM**.
The output format is limited by the capabilities of the connected component.

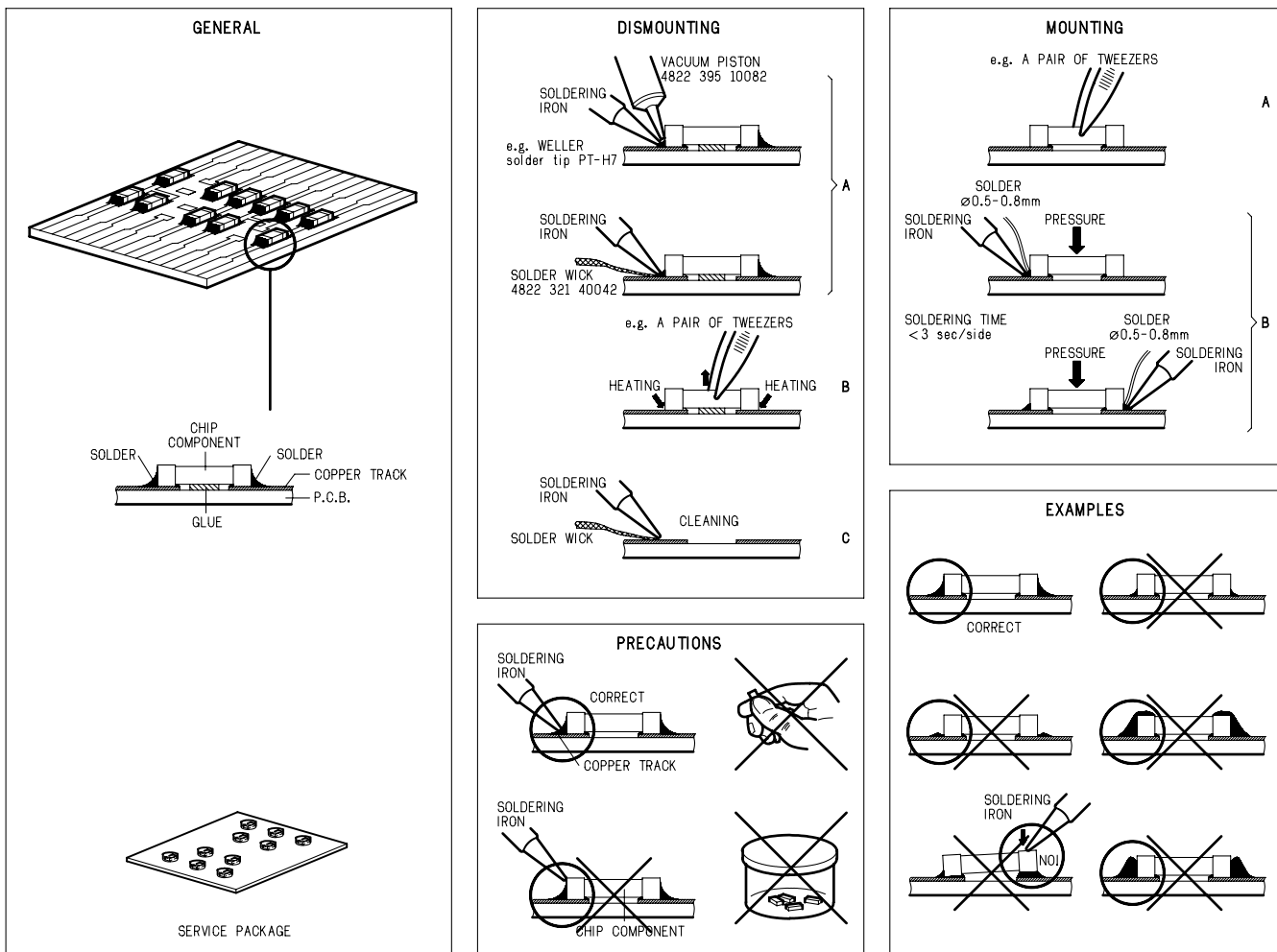
^{*2}: The order of priority in **Multi PCM** mode is: **Multi PCM, 2ch PCM**.
The output format is limited by the capabilities of the connected component.

^{*3}: Audio is not output from discs that prohibit downmixing.

^{*4}: Audio is not output from Super Audio CDs. Audio is only output when a CD layer is played.

2. SERVICE HINTS AND TOOLS

SERVICE HINTS



SERVICE TOOLS

Audio signals disc	4822 397 30184
Disc without errors (SBC444)+	
Disc with DO errors, black spots and fingerprints (SBC444A)	4822 397 30245
Disc (65 min 1kHz) without no pause	4822 397 30155
Max. diameter disc (58.0 mm)	4822 397 60141
Torx screwdrivers	
Set (straight)	4822 395 50145
Set (square)	4822 395 50132
13th order filter	4822 395 30204
DVD test disc (PAL)	4822 397 10131
DVD test disc (NTSC) ALMEDIO	TDV-540

3. WARNING AND LASER SAFETY INSTRUCTIONS

GB WARNING

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically. When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.



NL WAARSCHUWING

Alle IC's en vele andere halfgeleiders zijn gevoelig voor elektrostatische ontladingen (ESD). Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen verminderen. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met hetzelfde potentiaal als de massa van het apparaat. Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

F ATTENTION

Tous les IC et beaucoup d'autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévité pourrait être considérablement écourtée par le fait qu'aucune précaution n'est prise à leur manipulation. Lors de réparations, s'assurer de bien être relié au même potentiel que la masse de l'appareil et enfiler le bracelet serti d'une résistance de sécurité. Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

D WARNUNG

Alle IC und viele andere Halbleiter sind empfindlich gegen elektrostatische Entladungen (ESD). Unvorsichtige Behandlung bei der Reparatur kann die Lebensdauer drastisch vermindern. Sorgen sie dafür, das Sie im Reparaturfall über ein Pulsarmband mit Widerstand mit dem Massepotential des Gerätes verbunden sind. Halten Sie Bauteile und Hilfsmittel ebenfalls auf diesem Potential.

I AVVERTIMENTO

Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD). La loro longevita potrebbe essere fortemente ridatta in caso di non osservazione della piu grande cauzione alla loro manipolazione. Durante le riparazioni occorre quindi essere collegato allo stesso potenziale che quello della massa dell'apparecchio tramite un braccialetto a resistenza. Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

NL

Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt terug gebracht en dat onderdelen, identiek aan de gespecificeerde worden toegepast.

D

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Gerats darf nicht verändert werden. Fur Reparaturen sind Original-Ersatzteile zu verwenden.

I

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati pezzi di ricambio idetici a quelli specificati.

F

Les normes de sécurité exigent que l'appareil soit remis a l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

Pour votre sécurité, ces documents doivent être utilisés par des spécialistes agréés, seuls habilités à réparer votre appareil en panne.

LASER SAFETY

This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.



USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURE OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

AVOID DIRECT EXPOSURE TO BEAM

WARNING

The use of optical instruments with this product will increase eye hazard. Repair handling should take place as much as possible with a disc loaded inside the player

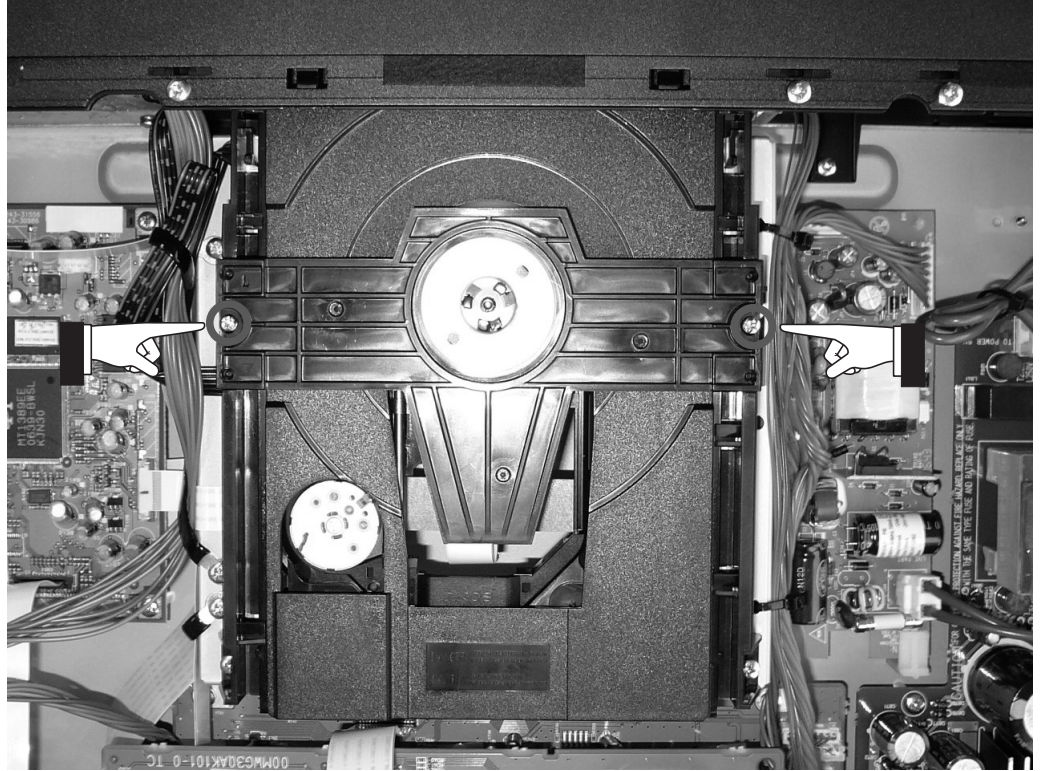
WARNING LOCATION: INSIDE ON LASER COVERSIELD

CAUTION VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM
ADVARSEL SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING UNDGÅ UDSÆTTELSE FOR STRÅLING
ADVARSEL SYNLIG OG USYNLIG LASERSTRÅLING NÅR DEKSEL Å PNES UNNGÅ EKSPONERING FOR STRÅLEN
VARNING SYNLIG OCH OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPNAD BETRakta EJ STRÅLEN
VARO! AVATT AESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LASER SÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN
VORSICHT SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHL AUSSETSEN
DANGER VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID DIRECT EXPOSURE TO BEAM
ATTENTION RAYONNEMENT LASER VISIBLE ET INVISIBLE EN CAS D'OUVERTURE EXPOSITION DANGEREUSE AU FAISCEAU

4. TAKING THE DISC OUT OF EMERGENCY

1. Remove the top cover of the player.
2. Remove 2 screws shown in the picture follows.
3. Remove the disc clamber.
4. Now you can remove the disc.

Remove those screws



5. UPDATE BACK END FIRMWARE PROCEDURE

Necessary Equipment

- Update Disc (90M-DV7001CDR).

NOTICE : Refer to "**6. THE UPDATE DISC CREATION PROCEDURE**", when you make update disc from update data.

Writing Procedure

The writing of firmware takes about 1 minute 30 seconds.

1. Connect the video cable to the unit and TV (or Monitor).
2. Connect the mains cord into the unit.
3. Turn on the unit and TV.
4. Press the **OPEN/CLOSE** button to open the tray.
5. Insert the Update Disc.
6. Press the **OPEN/CLOSE** button to close the tray.
7. "LOAD" is displayed on the front display. ("LOADING" is displayed on the TV.)
8. "UPGRADE FILE DETECTED" and "FILE COPING" are displayed on the TV. And next, the display on TV changes from "FILE COPING" and displays "UPGRADING".
9. Then the tray opens automatically. And remove the Update disc from the tray.
10. Firmware is written into the flash ROM.
11. FL display change from "ERASE" and displays "WRITE".
12. After that "UPG END" is displayed several seconds, and finished write-in.
13. The unit is reset automatically.
14. And the tray closes automatically.
15. Press the **POWER ON/STANDBY** button to turn off the unit.
16. Disconnect the mains cord and video cable from the unit.

Firmware Version Check

To check the versions of the firmware, see "**Firmware (Back-end) version check**" in "**9. SERVICE MODE**" section.

6. THE UPDATE DISC CREATION PROCEDURE

Necessary Equipment

- Update data (DV7001.BIN).
- CD-R or CD-RW.
- CD-R writing software.

Setting of writing software

- File name : DV7001.BIN
- CD LABEL NAME : any one
- CD MODE : MODE 1 (CLOSE SESSION)
- FILE FORMAT : ISO9660
- WRITE MODE : DISC AT ONCE

5. UPDATE BACK END FIRMWARE PROCEDURE

必要機器

- アップデート用ディスク(90M-DV7001CDR)
- 注意** : アップデート用ディスクを作成する場合は、"**6. THE UPDATE DISC CREATION PROCEDURE**"を参照してください。

書き込み手順

書き込みにかかる時間はおよそ1分30秒です。

1. 本機とテレビ（またはモニター）をビデオケーブルで接続します。
2. 本機に電源コードを接続します。
3. 本機とテレビの電源を入れます。
4. **OPEN/CLOSE**ボタンを押してトレイをあけます。
5. アップデート用ディスクを挿入します。
6. **OPEN/CLOSE**ボタンを押してトレイを閉じます。
7. フロントディスプレイに"LOAD"が表示されます。（テレビには"LOADING"が表示されます。）
8. テレビに"UPGRADE FILE DETECTED"と"FILE COPING"が表示され、その後"FILE COPING"から"UPGRADING"に表示が変わります。
9. トレイが自動的に開くので、アップデート用ディスクをトレイから取ります。
10. ファームウェアの書き込みが開始されます。
11. フロントディスプレイに"ERASE"と表示され、後に"WRITE"と表示されます。
12. その後、フロントディスプレイに瞬間的に"UPG END"と表示され、書き込みが完了します。
13. 本機が自動的にリセットされます。
14. トレイが自動的に閉じます。
15. **POWER ON/STANDBY**ボタンを押して本機の電源を切ります。
16. 本機から電源コードとビデオケーブルを外します。

ファームウェアのバージョンチェック

"**9. SERVICE MODE**"の"**Firmware (Back-end) version 確認**"からファームウェアのバージョンを確認します。

6. THE UPDATE DISC CREATION PROCEDURE

必要機器

アップデート用データ (DV7001.BIN)
CD-RまたはCD-RWディスク
CD-R書き込みアプリケーション

書き込み設定

- ファイル名 : DV7001.BIN
- CDラベル名 : 指定なし (ブランクも可)
- CDモード : MODE 1 (セッションクローズ)
- ファイルフォーマット : ISO9660
- 書き込みモード : DISC AT ONCE (ディスクアットワンス)

7. UPDATE RS-232C MICROPROCESSOR FIRMWARE PROCEDURE

When RS-232C microprocessor firmware was updated, update the firmware in the following procedure.

- [A] Installs of the software.
- [B] Update firmware setup procedure.
- [C] Writing Procedure.

Necessary Equipment

- Windows PC (OS: Windows2000 or WindowsXP) with Serial port.
- RS-232C Dsub-9 pin cable (female to female/straight type).
- Update tool.
(Flash Programmer: sw00fn5-zccuv110_en.exe)
- Update data (Vxxx_rs232c_boad.h16).

NOTE : Vxxx is a revision number.

[A] Installs of the software

1. Double click the **sw00fn5-zccuv110_en.exe**, and install the Flash Programmer.

7. UPDATE RS-232C MICROPROCESSOR FIRMWARE PROCEDURE

RS-232Cマイコンのファームウェアが更新された場合、下記の手順に従ってアップデートしてください。

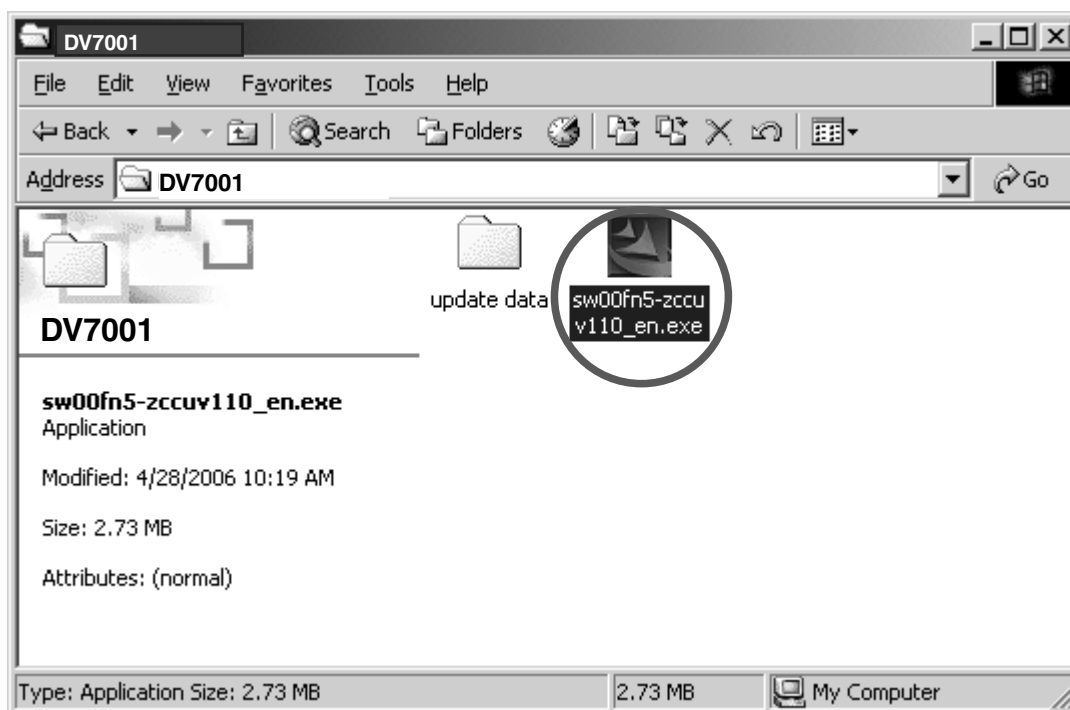
- [A] Installs of the software.
- [B] Update firmware setup procedure.
- [C] Writing Procedure.

必要機器

- Windows PC (OS : Windows2000またはWindowsXP)で Serial ポートのあるもの
- RS-232C ストレートケーブル (9Pin メス-9Pin メス)
- アップデート用書き込みソフトウェア
(Flash Programmer : sw00fn5-zccuv110_en.exe)
- アップデート用データ (Vxxx_rs232c_boad.h16)
注意 : Vxxxは改版番号

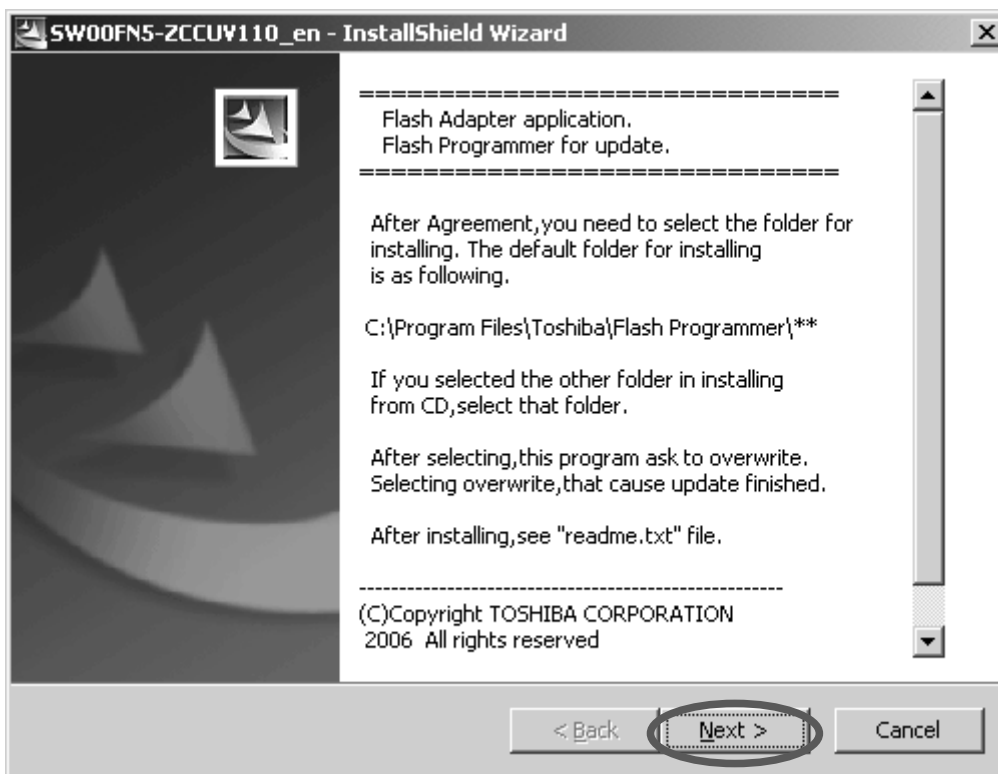
[A] Installs of the software.

1. **sw00fn5-zccuv110_en.exe**をダブルクリックして、Flash Programmerをインストールします。



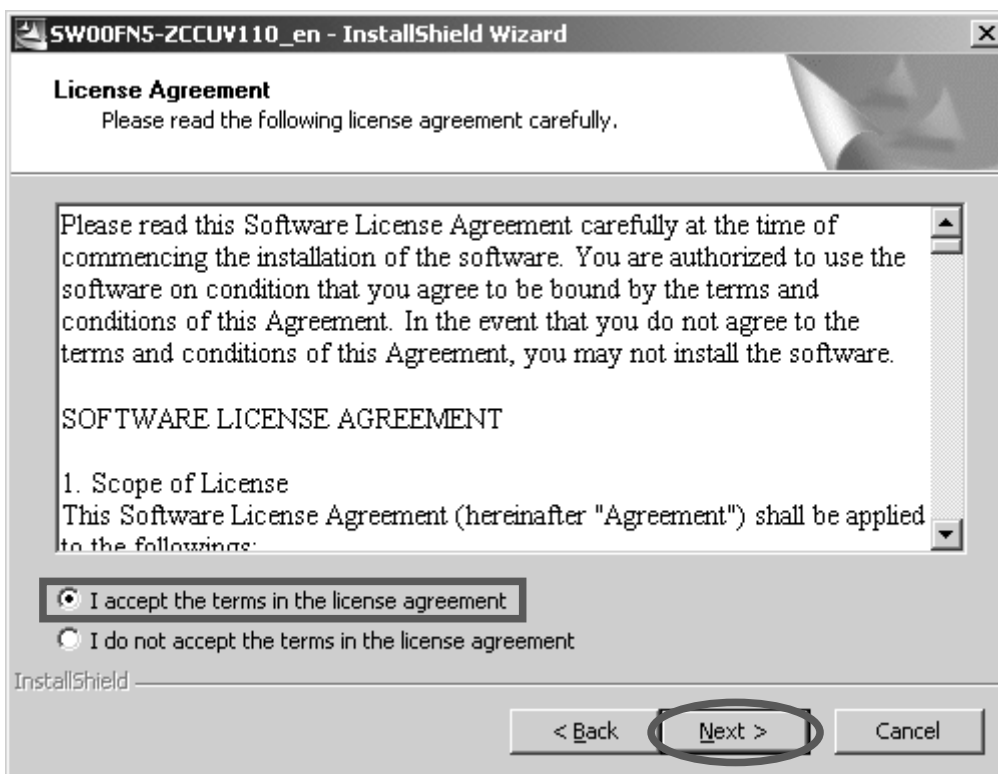
2. Click the **Next**.

2. **Next**をクリックします。



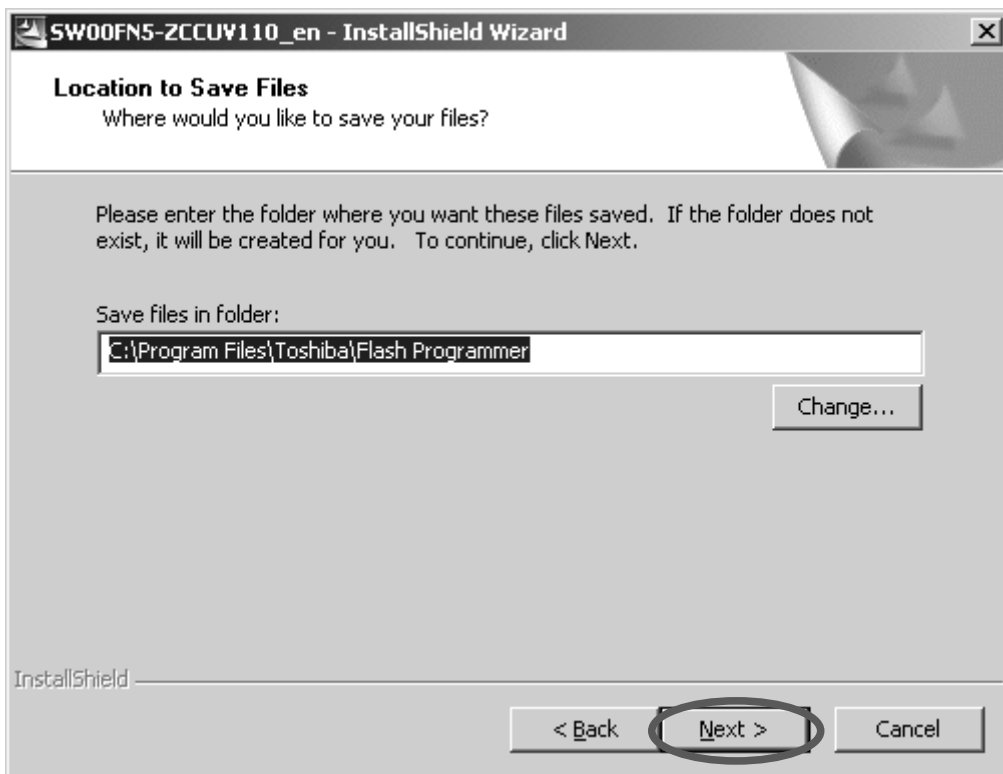
3. Check the **I accept the terms in the license agreement**, and click the **Next**.

3. **I accept the terms in the license agreement**にチェックを入れ、**Next**をクリックします。



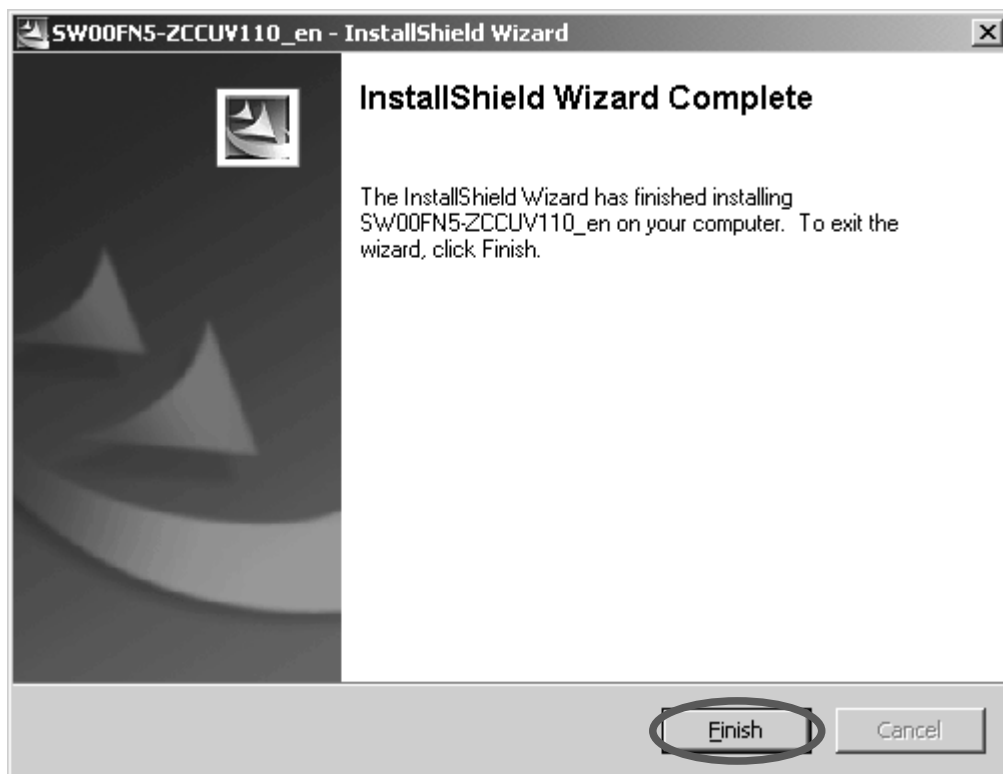
4. Click the **Next**.

4. **Next**をクリックします。



5. Click the **Finish**.

5. **Finish**をクリックします。



NOTE : This installation does not create short cut icon on a desktop and a startup.

注意 : このインストールでデスクトップやスタートメニューにショートカットは作成されません。

[B] Update firmware setup procedure

1. The right button of mouse click on the My Computer, and select the **Explore** in a menu.

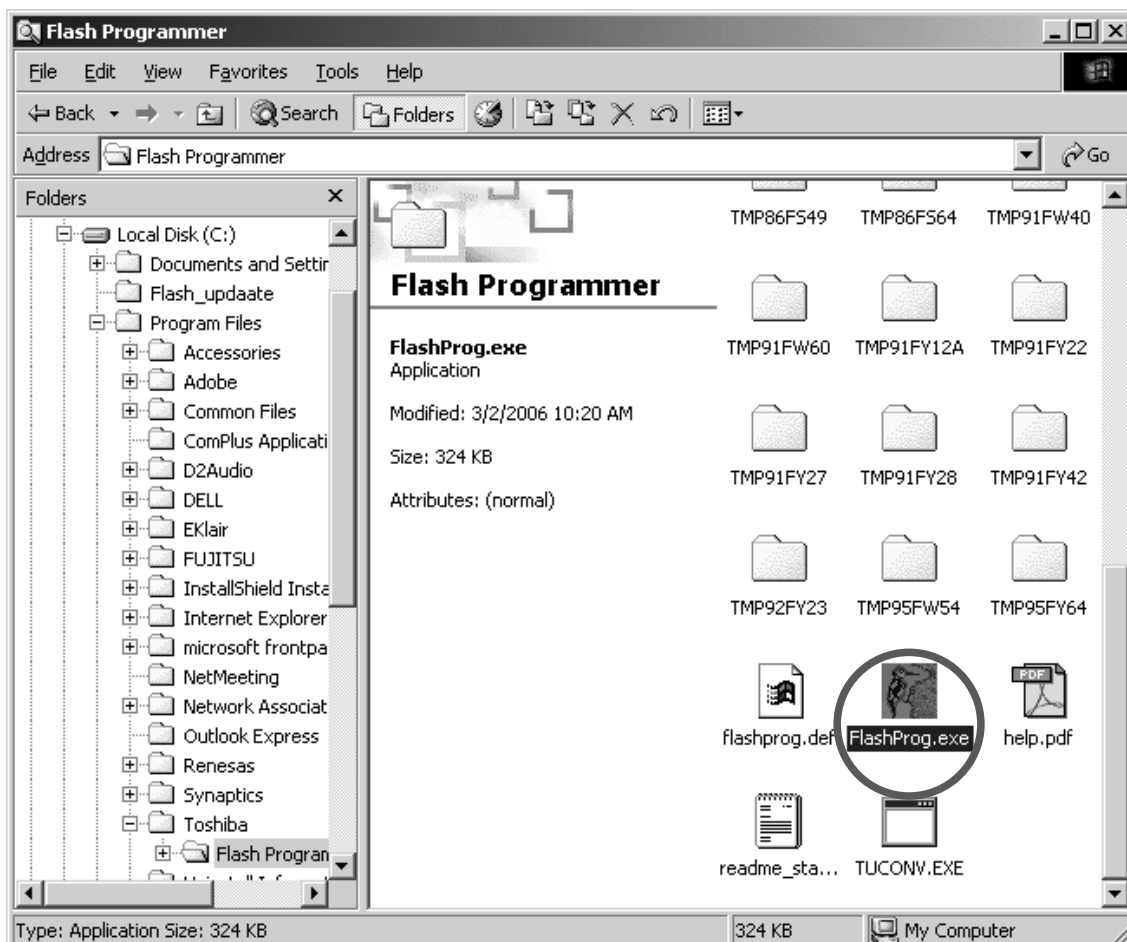


[B] Update firmware setup procedure

1. デスクトップのマイコンピュータ上でマウスの右ボタンをクリックし、メニューから**エクスプローラ**をクリックします。

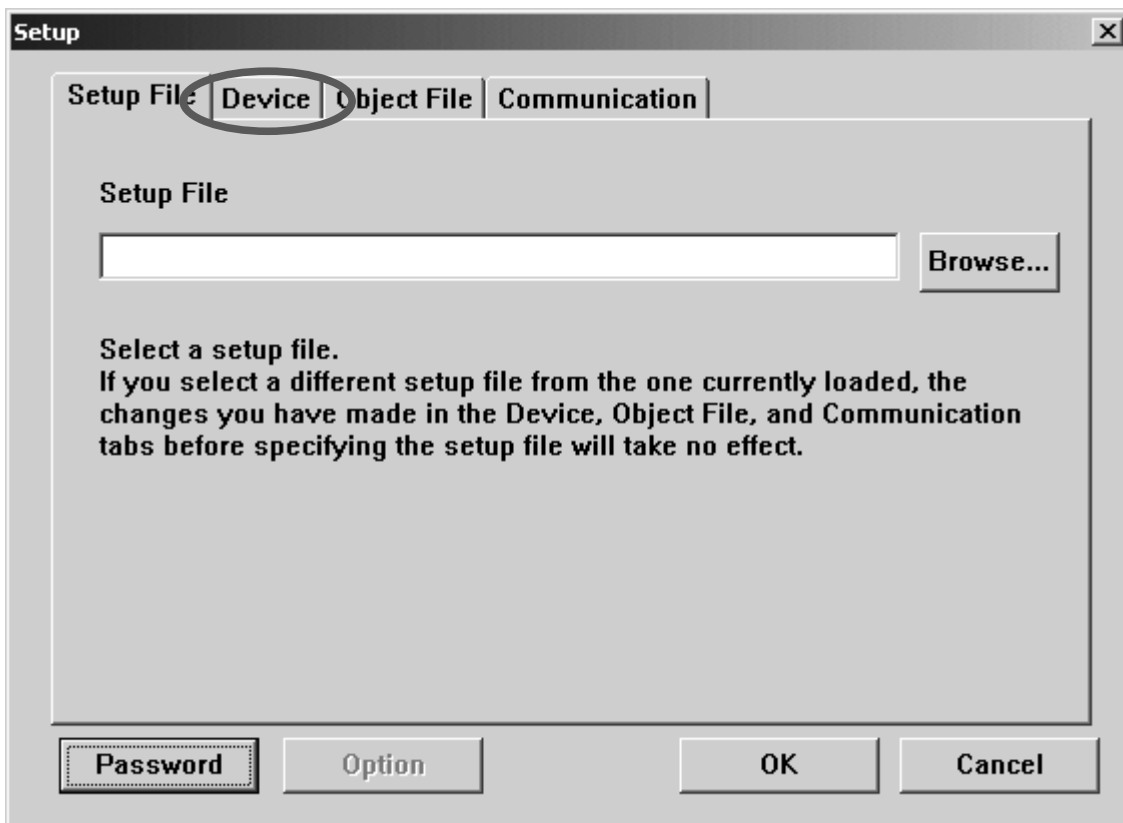
2. Double click the **Flashprog.exe** in C:\Program Files\Toshiba\Flash Programmer folder.

2. C:\Program Files\Toshiba\Flash Programmerフォルダ内の**Flashprog.exe**をダブルクリックします。



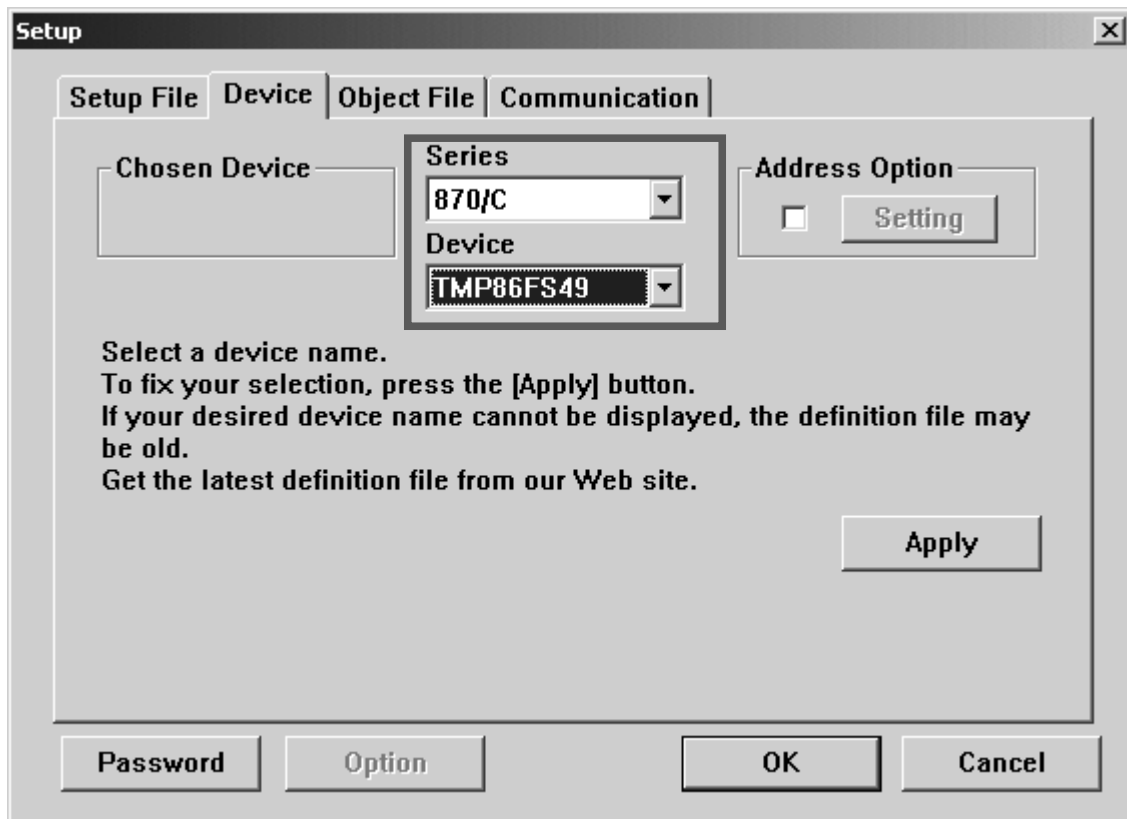
3. Setup window appears.
Click the **Device** tab.

3. Setup画面が表示されます。
Deviceタブをクリックします。

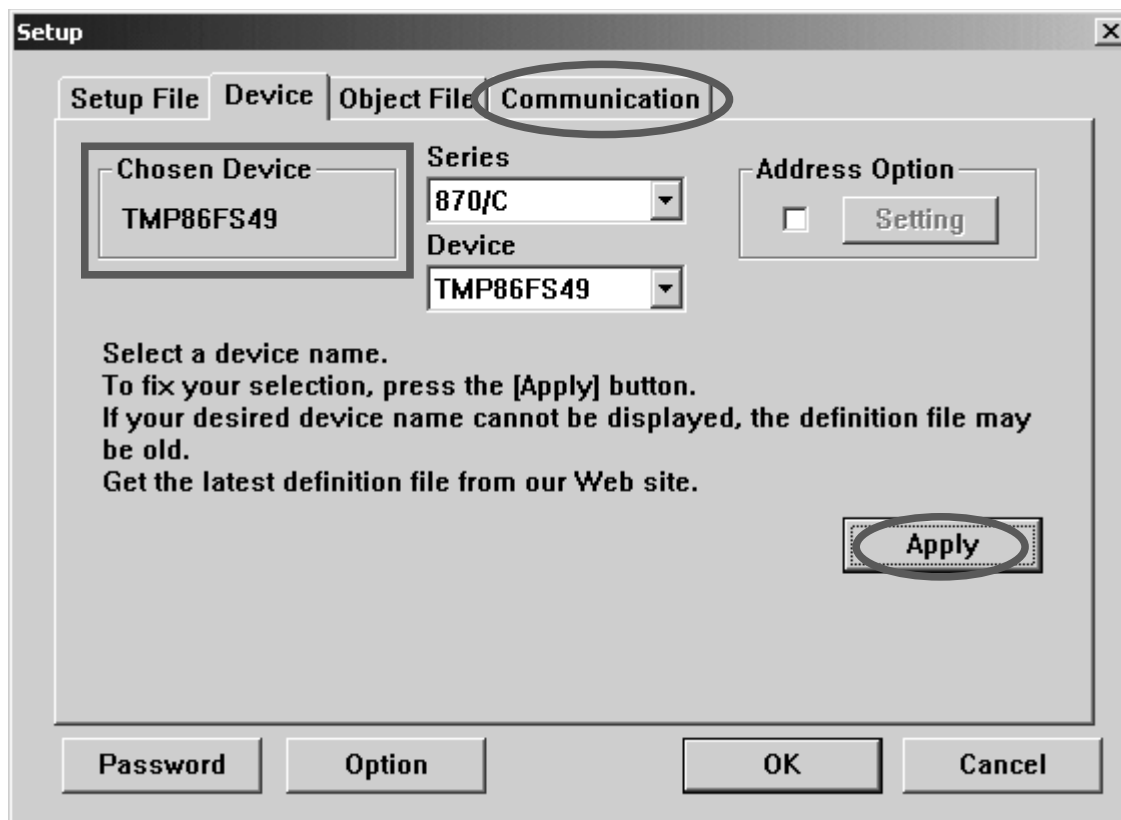


4. Choose the **870/C** in Series.
Choose the **TMP86FS49** in Device.

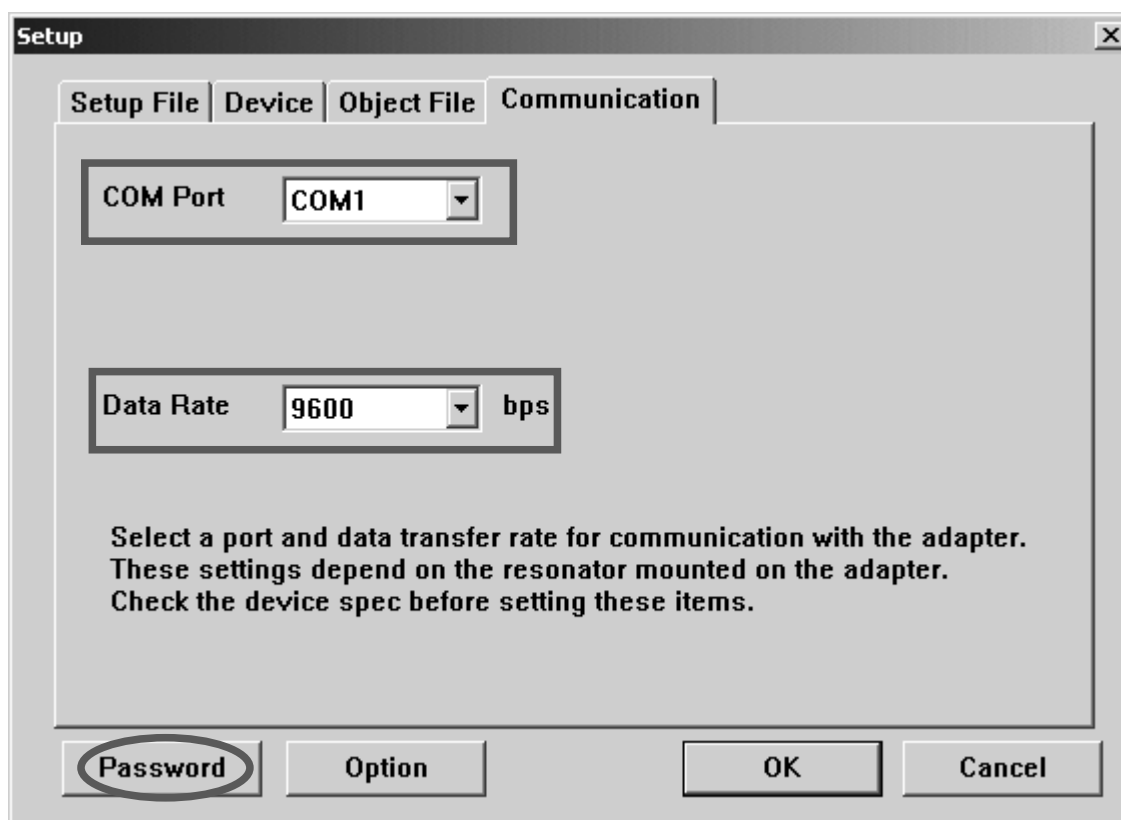
4. Seriesから **870/C**を選択します。
Deviceから**TMP86FS49**を選択します。



5. Click the **Apply**, then TMP86FS49 appears in the Chosen Device.
And click the **Communication** tab.
5. **Apply**をクリックします。Chosen DeviceにTMP86FS49が表示されます。
Communicationタブをクリックします。



6. Choose the **Serial Port** number in the COM Port.
Choose the **9600** bps in the Data Rate.
And Click the **Password**.
6. COM Portから使用する**Serial Port**番号を選択します。
Data Rateから**9600**を選択します。
Passwordをクリックします。



8. Setup Password appears.

8. Setup Passwordが表示されます。



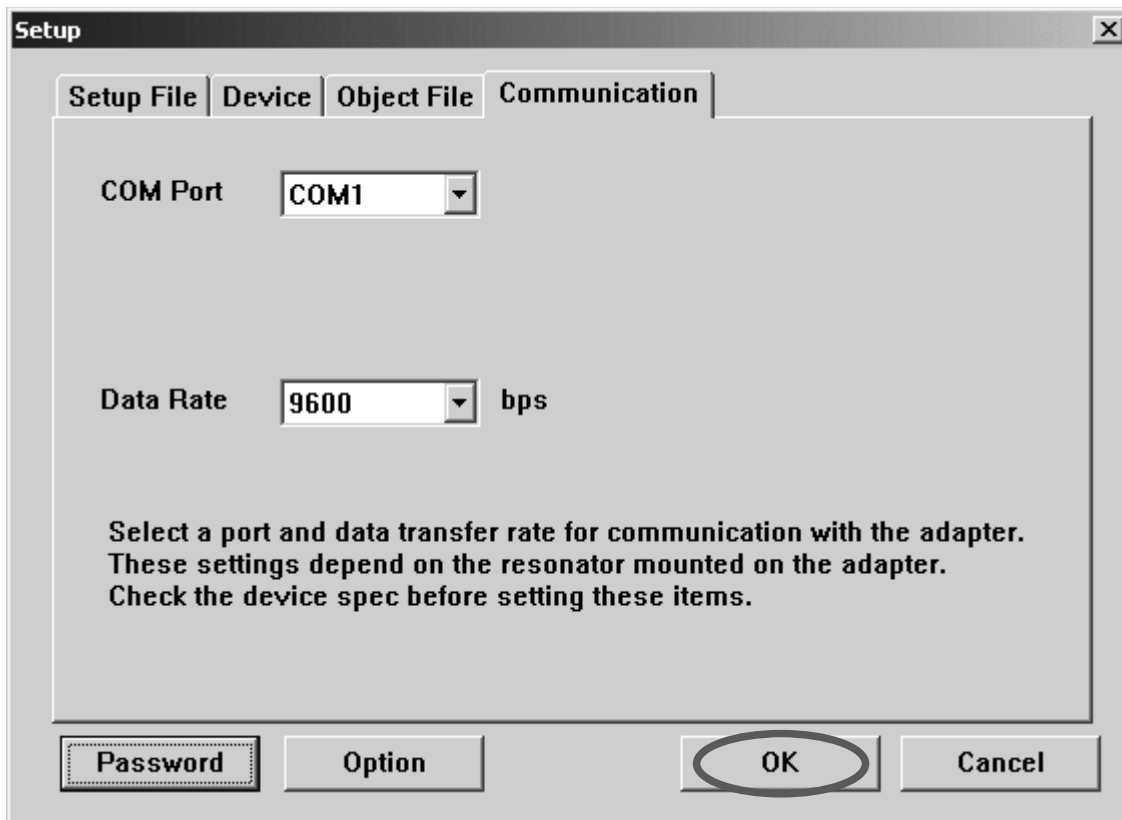
- 9. Click the **Devise is BLANK**.
Check the **Hex** in Input Type.
Type the **5468652044264d2047726f7570** into Password.
Type the **0xff00** into Password count storage address.
Type the **0xff01** into Password comparison start address.
Click the **OK**.

- 9. **Devise is BLANK**をチェックします。
Input Typeから**Hex**をチェックします。
Passwordに**5468652044264d2047726f7570**を入力します。
Password count storage addressに**0xff00**を入力します。
Password comparison start addressに**0xff01**を入力します。
OKをクリックします。



10. Click the **OK**.

10. **OK**をクリックします。



[C] Writing Procedure

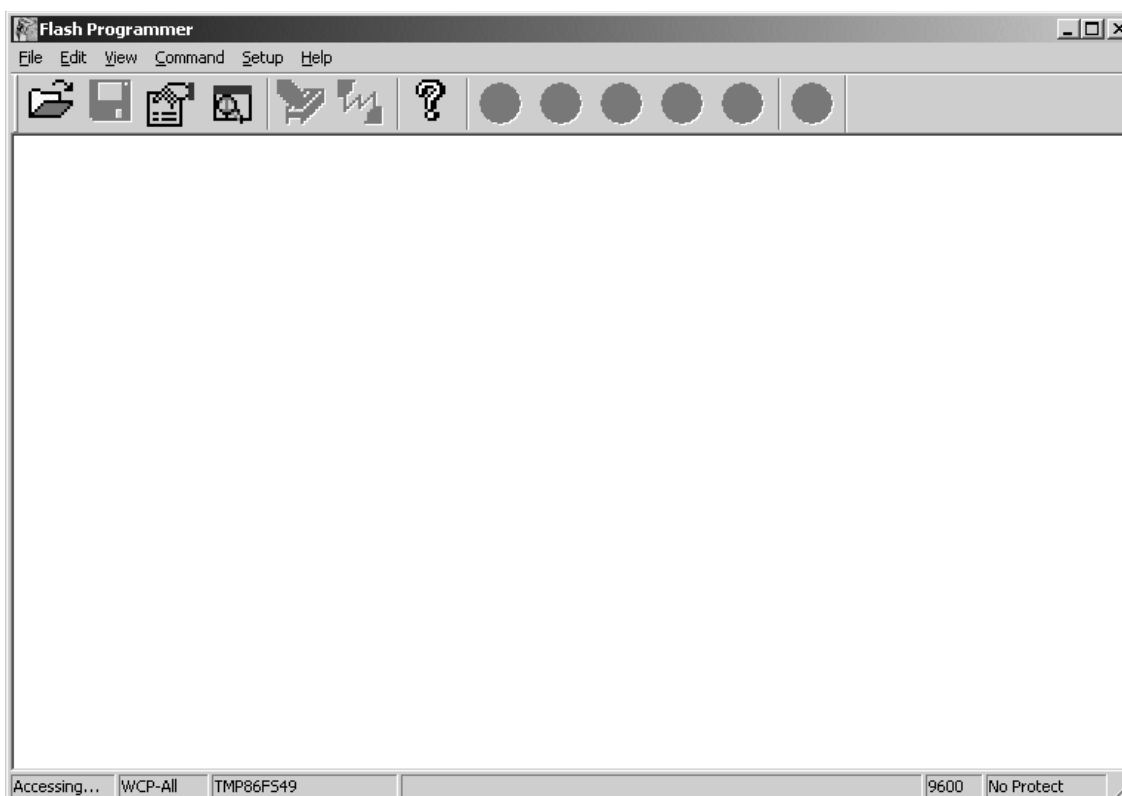
Flash Programmer starts.

1. When Flash Programmer did not start, double click the Flashprog.exe in C:\Program Files\Toshiba\Flash Programmer folder.

[C] Writing Procedure

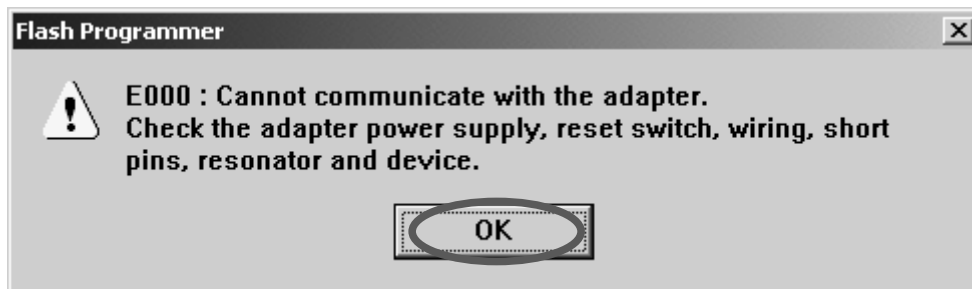
Flash Programmerが表示されます。

1. Flash Programmerが表示されない場合は、C:\Program Files\Toshiba\Flash Programmerフォルダ内のFlashprog.exeをダブルクリックしてください。



2. Click the **OK**.

NOTE: Since Flash Programmer communicates with the unit automatically, the following dialog box appears when it fails in communication.

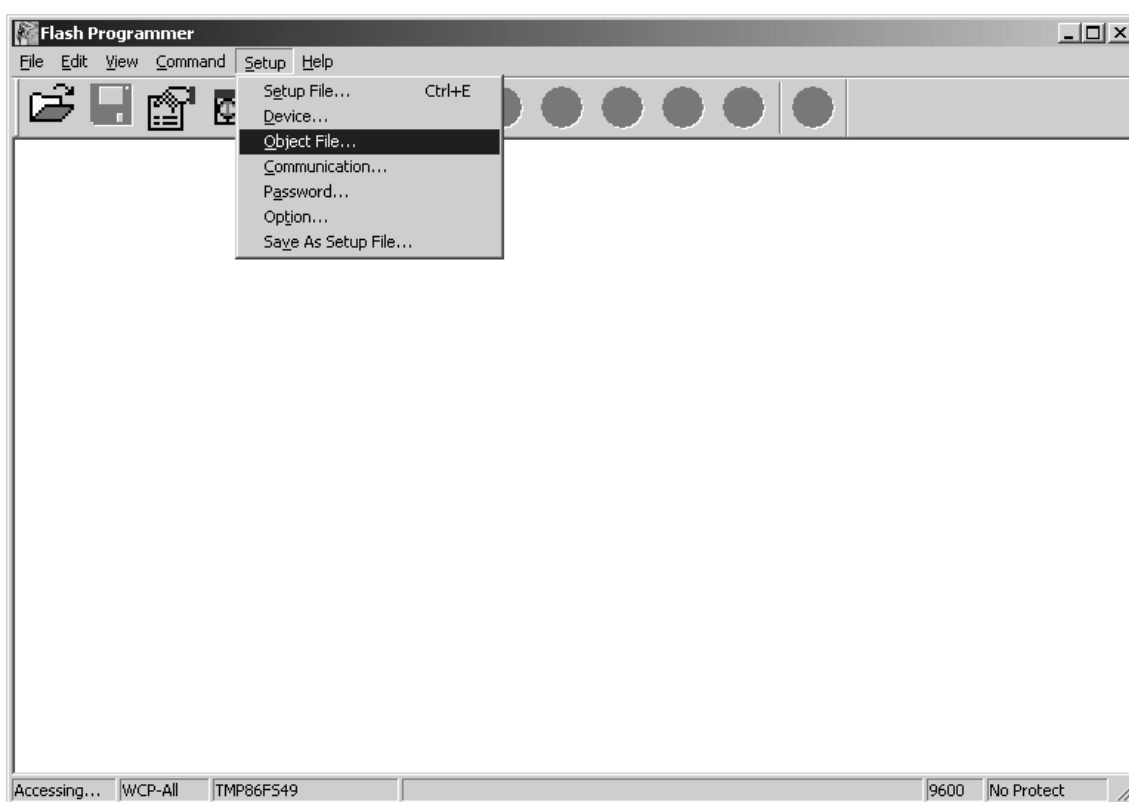


2. **OK**をクリックします。

注意：Flash Programmerは自動的に本機と通信を行います、通信接続が出来ないと下記のダイアログボックスが表示されます。

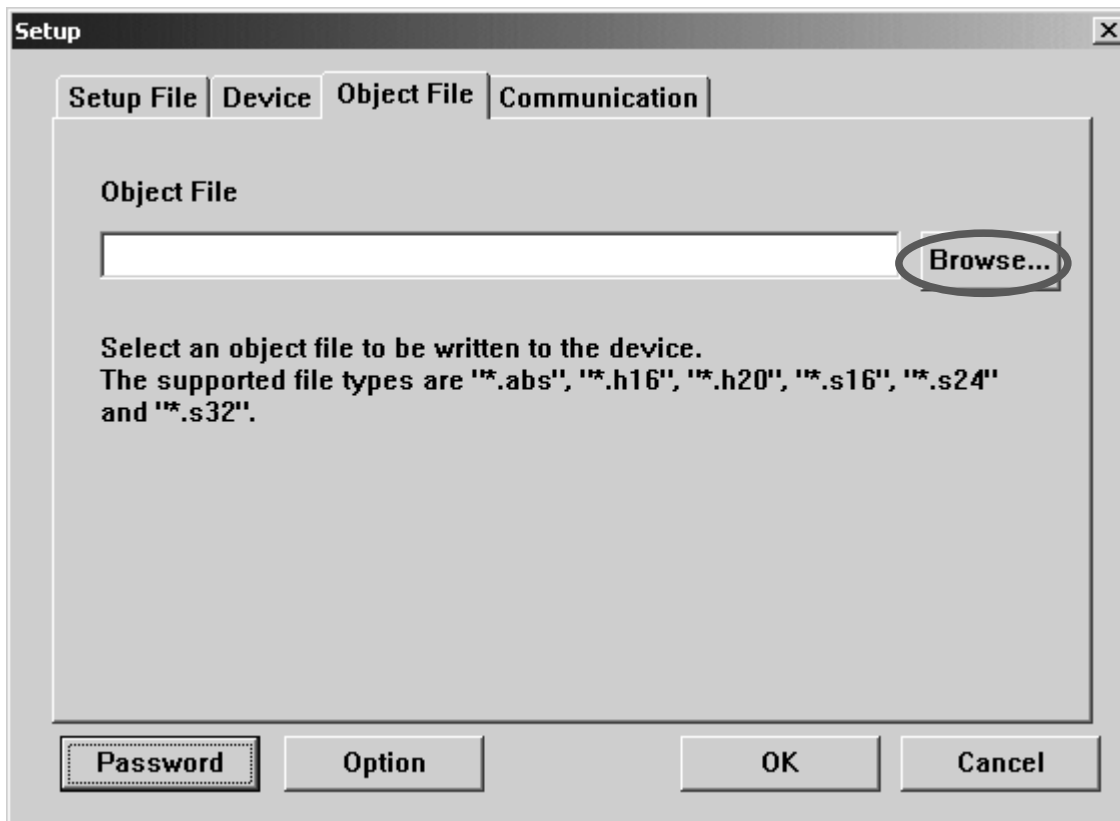
3. Click the **Setup** in the menu bar and select the **Object File...**

3. メニューバーの**Setup**をクリックし、**Object File...**を選択します。



4. Click the **Browse...**

4. **Browse...**をクリックします。

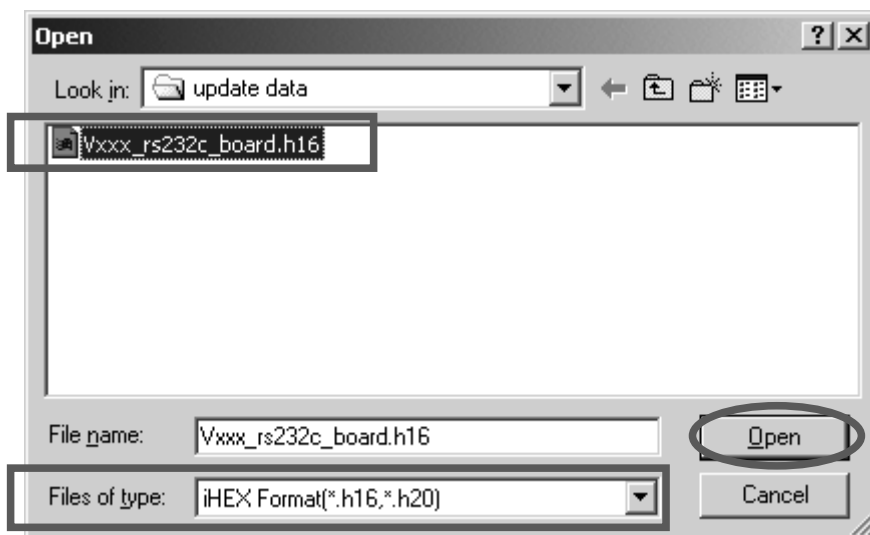


5. Choose the **iHEX Format[*.h16,*.h20]** in Files of type. Choose the **Vxxx_rs232c_boad.h16**, and click the **Open**.

NOTE : The Vxxx is a revision number.

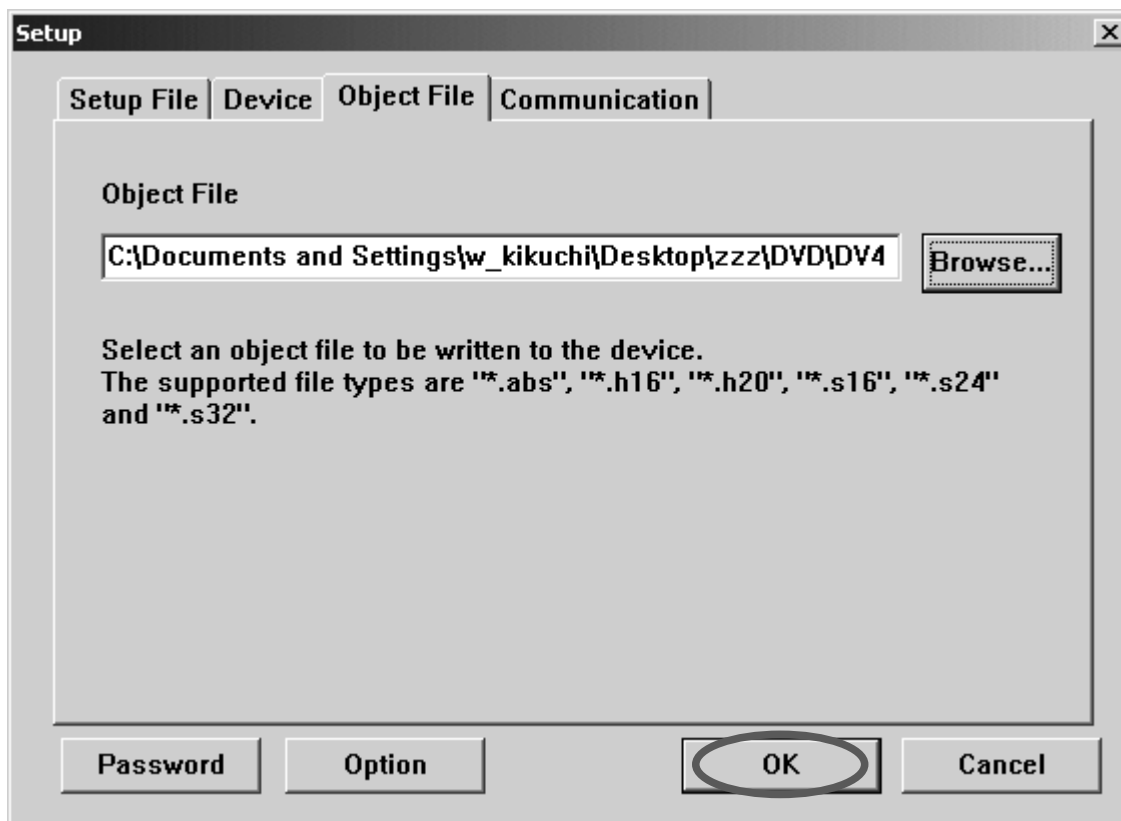
5. Files of typeから**iHEX Format[*.h16,*.h20]**を選択します。**Vxxx_rs232c_boad.h16**を選択し、**Open**をクリックします。

注意：Vxxxは改版番号です。



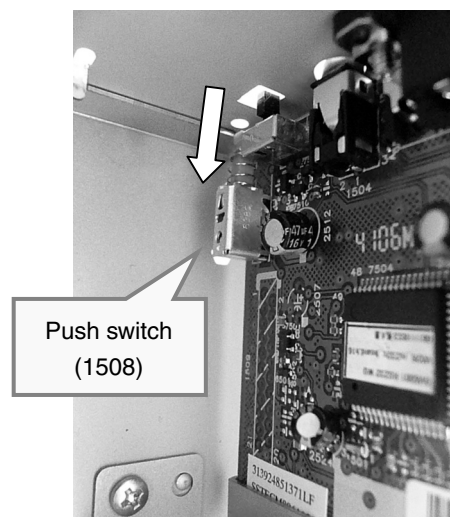
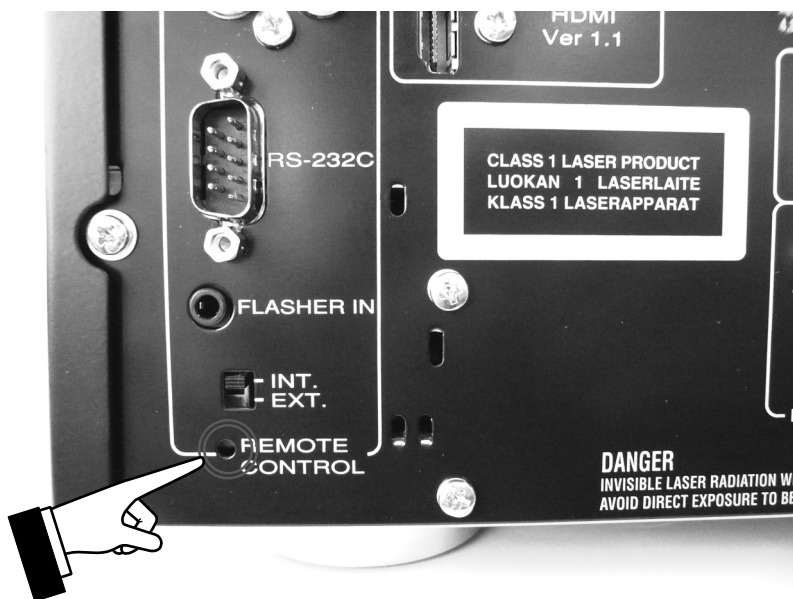
6. Click the **OK**.

6. **OK**をクリックします。



7. Disconnect the mains cord from the unit.
 Connect RS-232C on the rear panel of the unit and Serial Port of windows PC with RS-232C cable.
 Insert a thin rod to the hole underside of the EXT. INT. slide switch (REMOTE CONTROL) and push the switch (1508) inside to turn on the switch.

7. 本機から電源コードを外します。
 本機のリアパネルにあるRS-232CとWindows PCのSerialポートをRS-232Cケーブルで接続します。
 本機のリアパネルにあるEXT. INT.切替スイッチ（REMOTE CONTROL）下側にある穴に細い棒を差し入れ、プッシュスイッチ（1508）を押します。

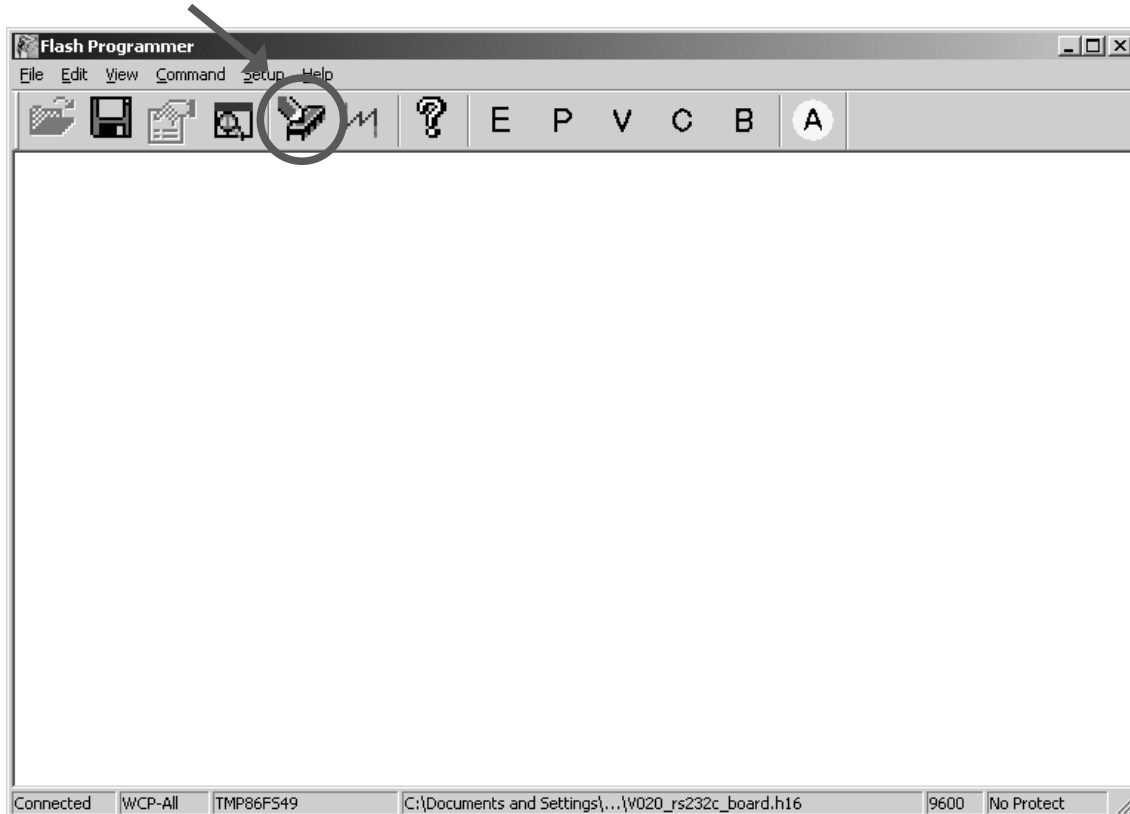


Connect the mains cord into the unit.
NOTE : When the unit is into boot mode, STANDBY LED is not lights up.

電源コードを本機に接続します。
注意 : 本機はブートモードになり、このときSTANDBY LEDは点灯しません。

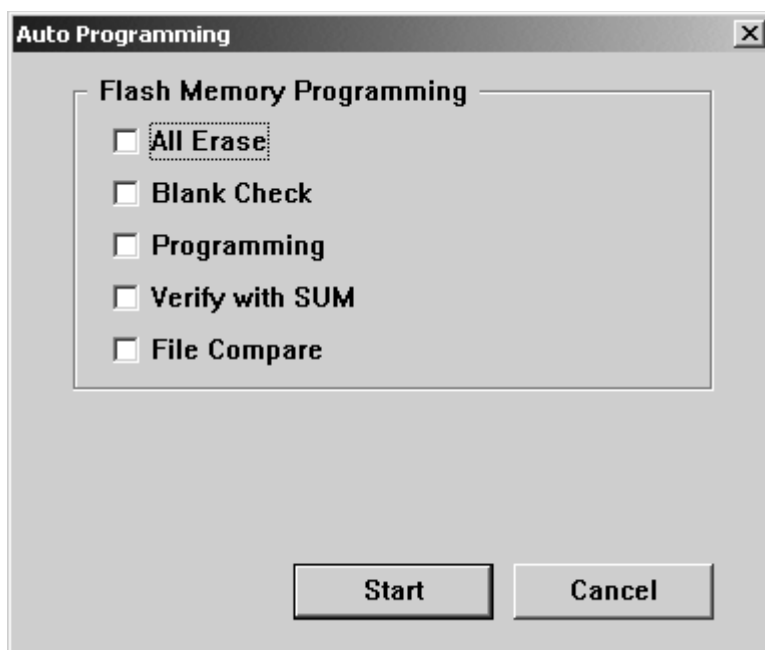
8. Click the **Auto Programming**.

8. **Auto Programming**をクリックします。



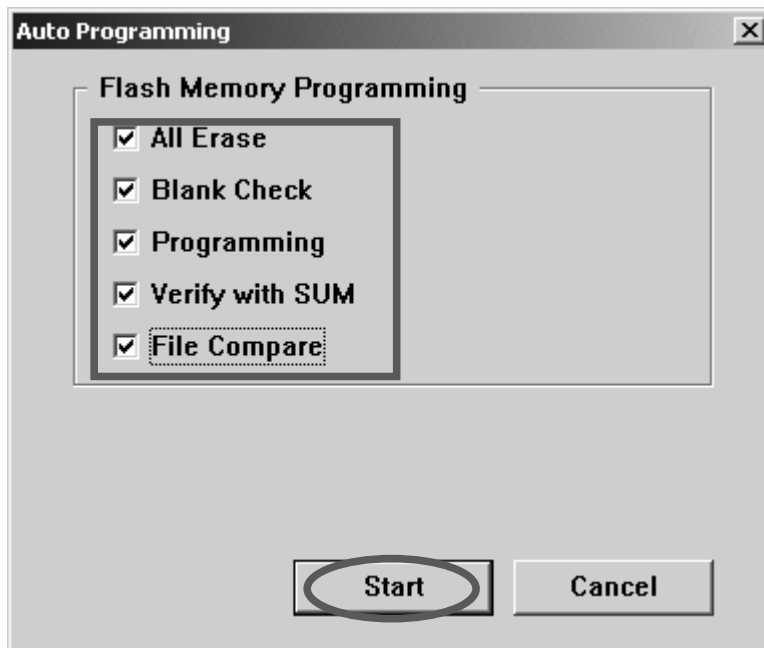
Auto Programming appears.

Auto Programmingが表示されます。



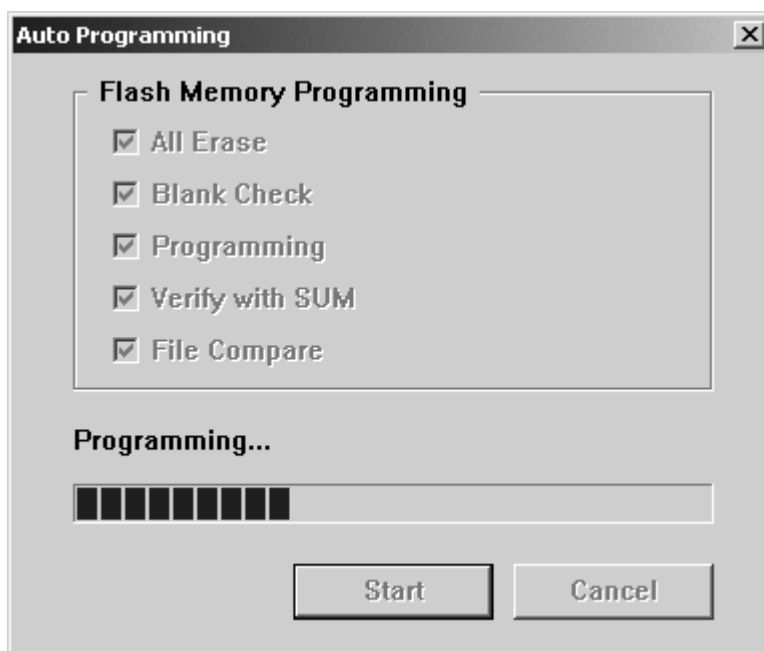
9. Check the **all check boxes** in Flash Memory Programming.
And click the **Start**.

9. Flash Memory Programming内の全てのチェックボックスにチェックを入れます。
Startをクリックします。



Firmware is written into the microprocessor.
The writing of firmware takes about 1 minute.

ファームウェアがRS-232Cマイコンに書き込まれます。
書き込みにかかる時間は約1分です。



10. Click the **No**.

10. **No**をクリックします。



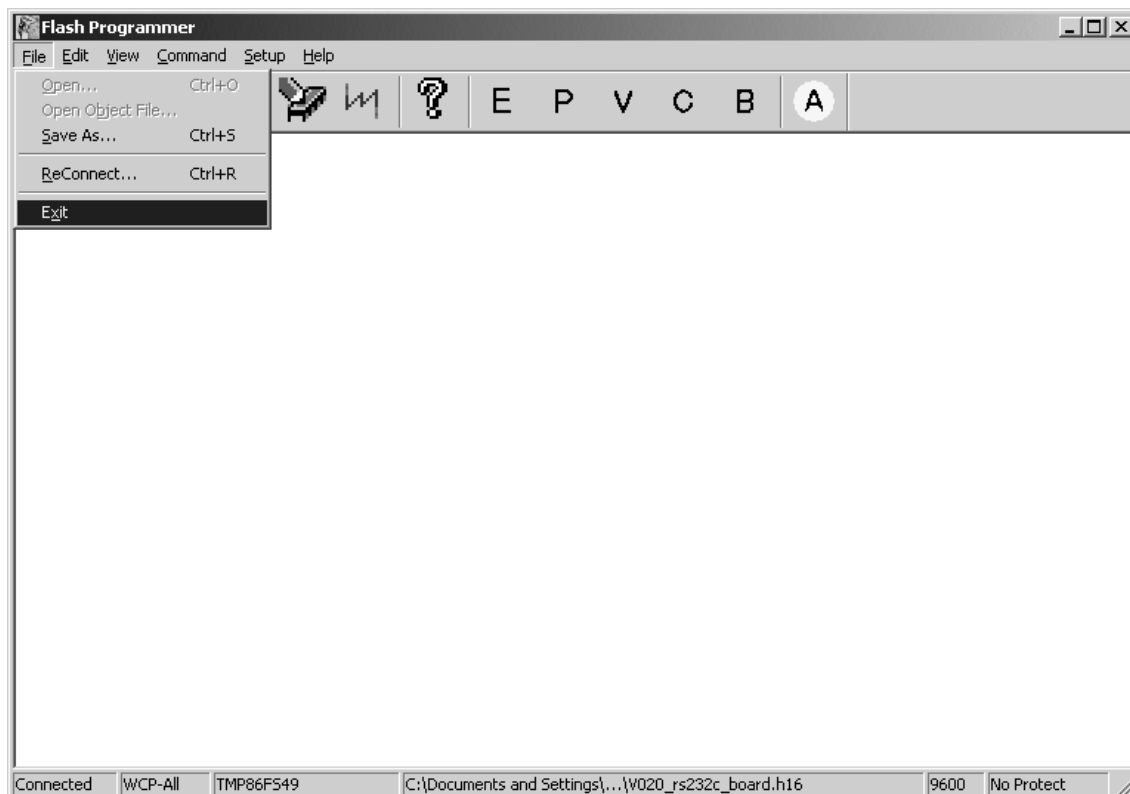
11. Click the **Cancel**.

11. **Cancel**をクリックします。



12. Click the **File** in the menu bar and select the **Exit**.

12. メニューバーの**File**をクリックし、**Exit**を選択します。



13. Disconnect the mains cord and RS232C cable from the unit.
Insert a thin rod to the hole underside of the EXT. INT. slide switch (REMOTE CONTROL) and push the switch (1508) inside to turn off the switch.

13. 本機から電源コードとRS-232Cケーブルをはずします。
本機のリアパネルにあるEXT. INT.切替えスイッチ（REMOTE CONTROL）下側にある穴に細い棒を差し入れ、プッシュスイッチ（1508）を押します。

8. HOW TO CHECK THE VERSION NUMBER OF RC232C MICROPROCESSOR

Necessary Equipment

- Windows PC (OS: Windows2000 or WindowsXP) with Serial port.
- RS-232C Dsub-9 pin cable (female to female/straight type).

Version Check

1. Connect the RS-232C on rear panel of the unit and the Serial Port of Windows PC with RS-232C cable.
RS232C Dsub-9pin cable: Straight type/female to female.
Please use the same cable as what was used for software update.
2. Connect the mains cord into the unit, press the **POWER ON/OFF** button for turn on the unit.
3. Click **Start, Programs, Accessories, Communications and HyperTerminal**.

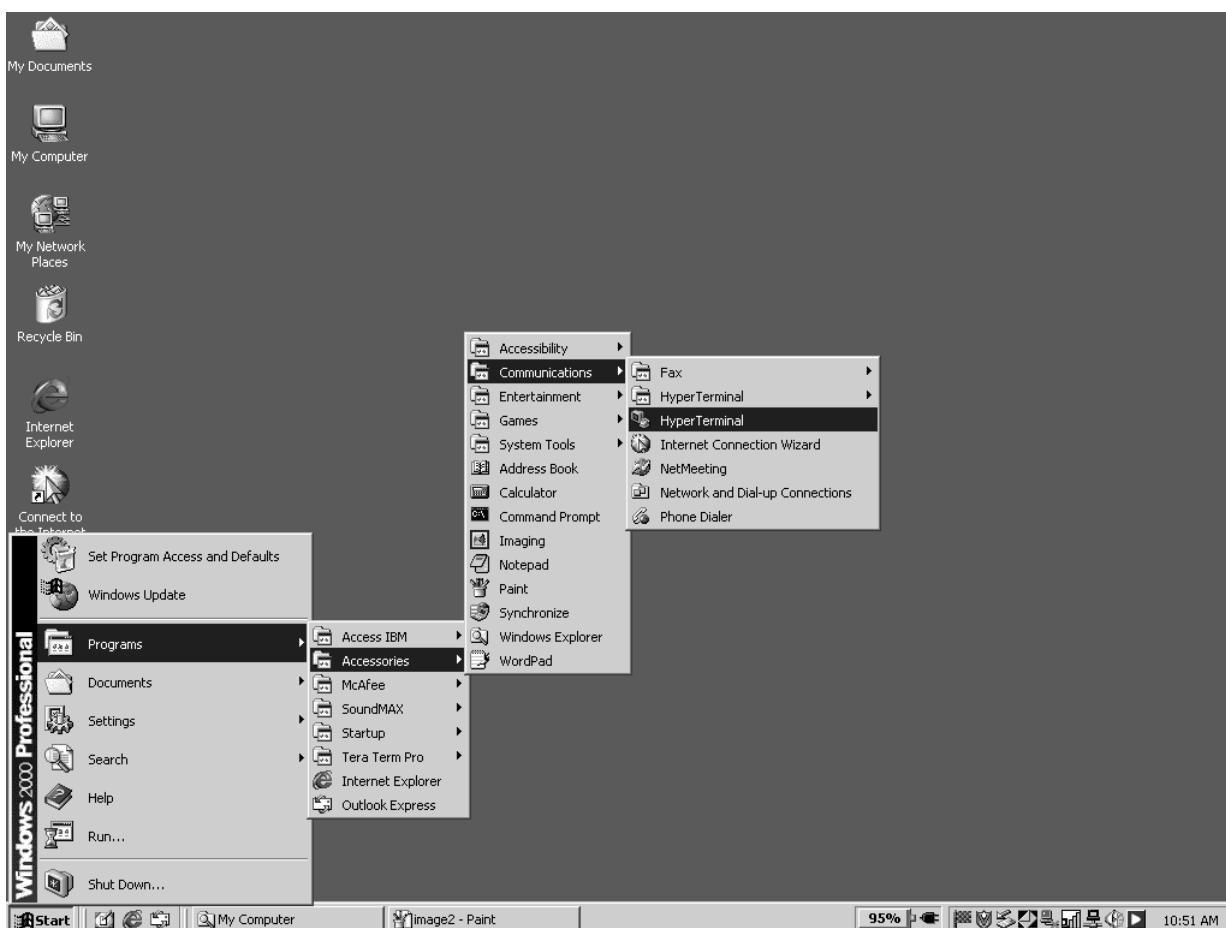
8. RS232Cマイコンのバージョン確認方法

必要機器

- Windows PC (OS : Windows2000またはWindowsXP)で Serial ポートのあるもの
- RS-232C ストレートケーブル (9Pin メス-9Pin メス)

バージョン確認

1. 本機のリアパネルにあるRS-232CコネクタとWindows PCのSerialポートをRS-232Cケーブルで接続します。(RS-232Cケーブルは9ピンメス - 9ピンメス ストレートです。ソフトウェアアップデート用と同等品です。)
2. 本機に電源ケーブルを差し、POWER ON/OFFボタンを押して電源を入れます。
3. PC側でハイパーターミナルを起動します。(ハイパーターミナルの起動についてはウィンドウズヘルプを参照してください。)
スタート、プログラム、アクセサリ、通信、ハイパーターミナルをクリックします。

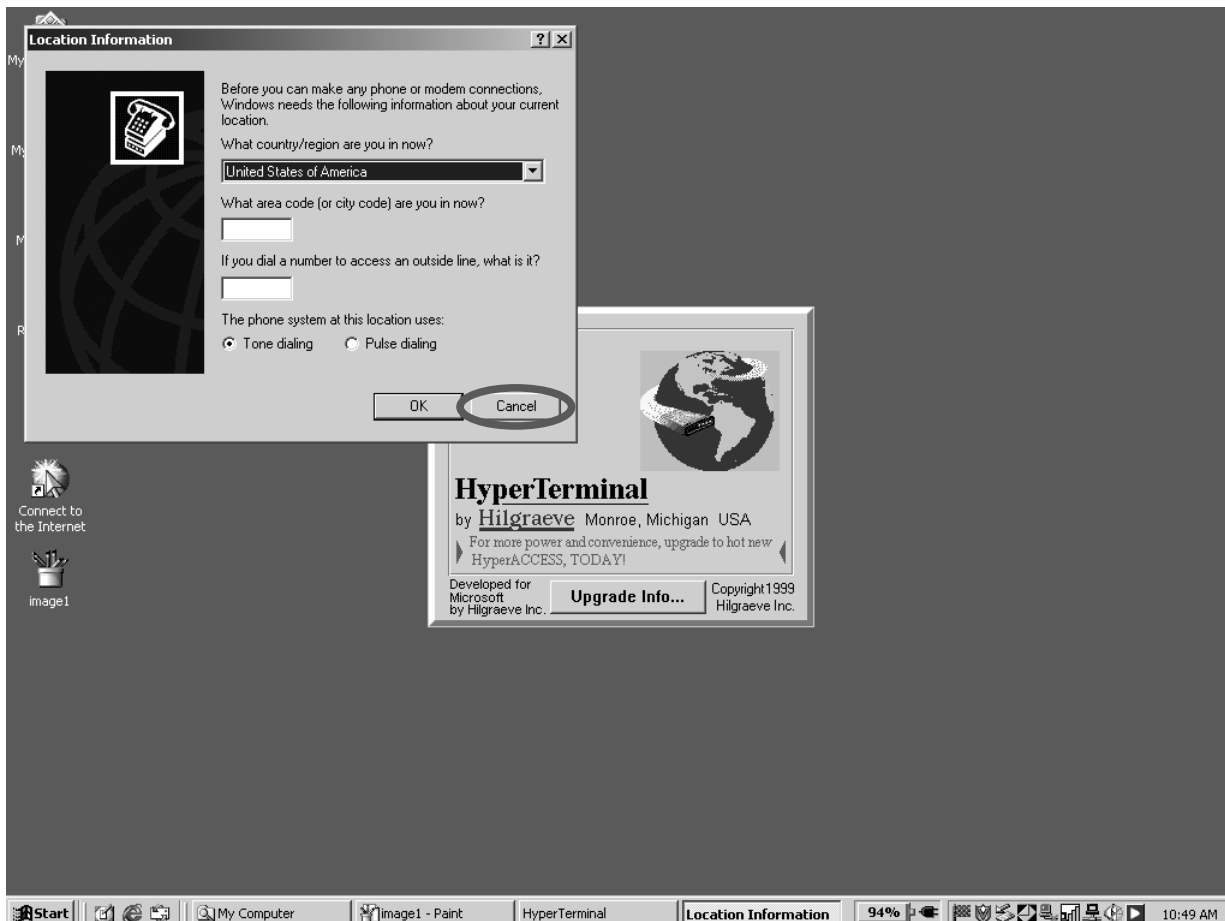


4. It may become the following screens at the beginning.

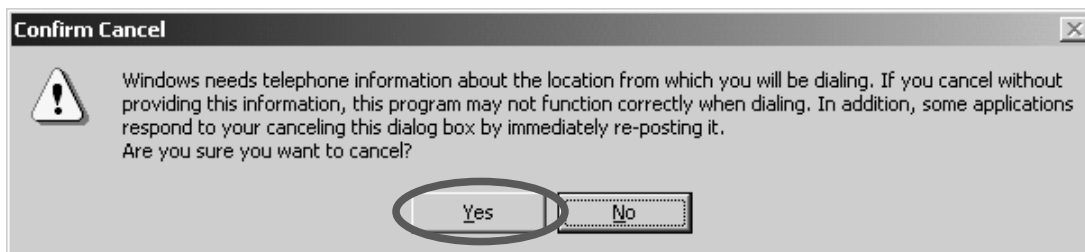
Note: It may become the screen of No.5 if the HyperTerminal has been used for before. In this case, please advance from No. 5.

Click "**cancel**".

4. 最初に以下のような画面が表示される場合がありますが、"**いいえ**"をクリックします



If the next screen comes out, should be and please click "**Yes**".

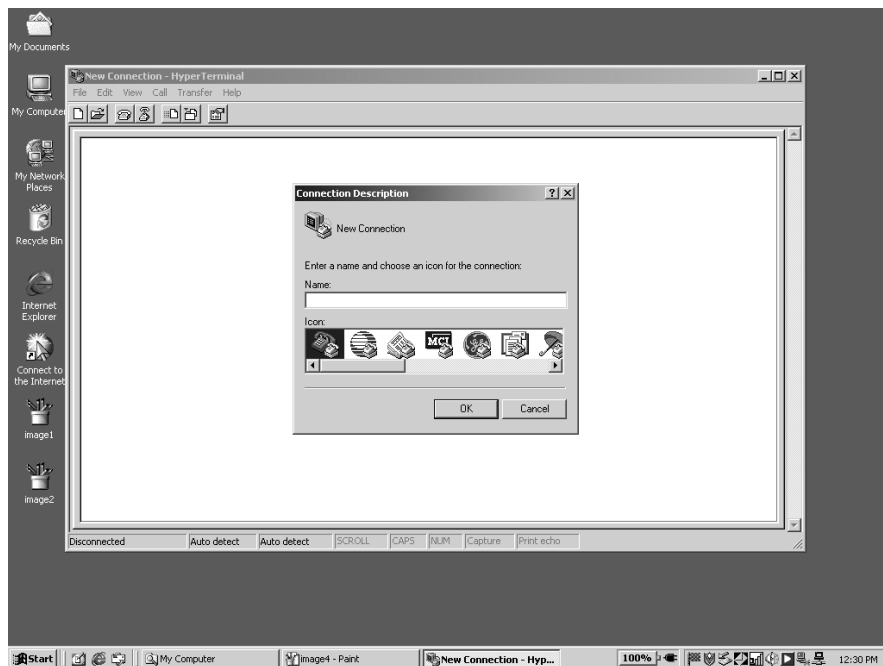


Then, if the next screen comes out, please click "**OK**"



5. The following screens are displayed.

5. 次のような画面が表示されます。



The suitable name is inputted into the Name, and suitable "icon" is chosen.

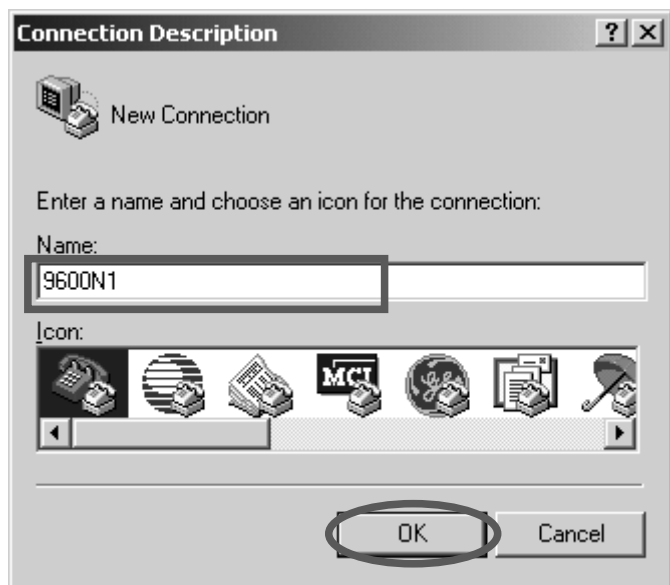
EX. Name: 9600N1

Click "OK".

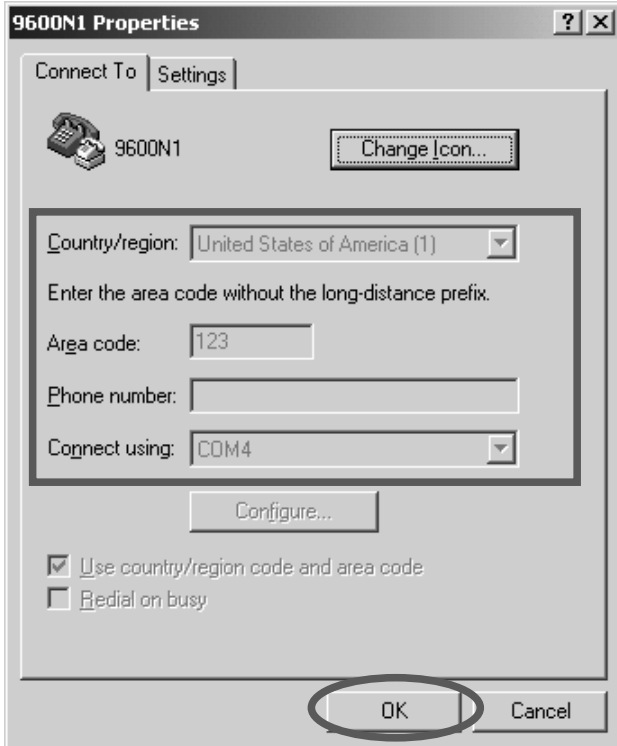
"名前"に任意の名前を入力し、任意の"アイコン"を選択します。

ここでは、例として9600N1に設定。

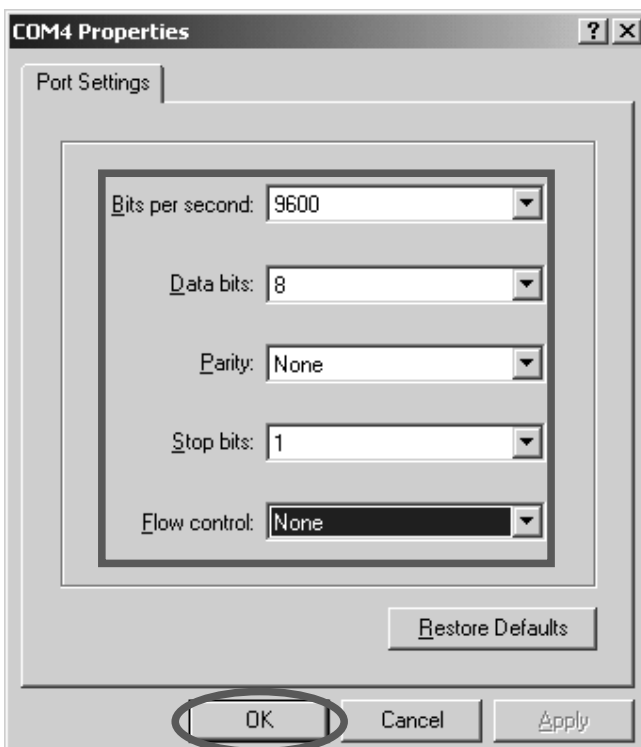
"OK"をクリックします。



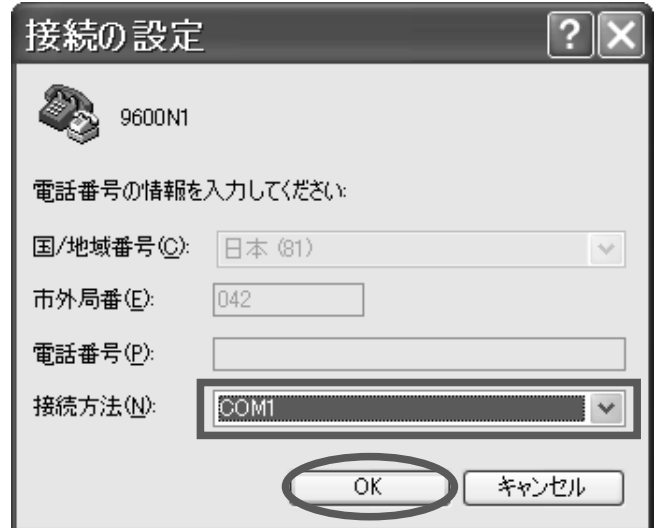
If the following screens come out, input these items.
 Country/Region Ex.: United State of America (1)
 Area Code Ex.: 123
 Connect using
 Ex.: COM4 (choose the COM port number to use.)
 Click "OK".



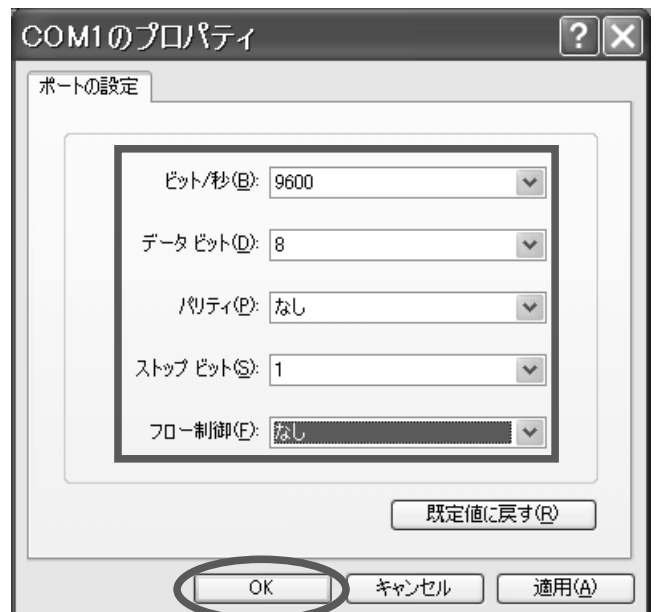
6. It is a setup of a HyperTerminal COM port.
 Set up as follows.
 Bit per second: **9600**, Data bits: **8**, Parity: **None**, Stop bits: **1**, Flow control: **None**
 Click "OK".



接続の設定でCOMポートを使用するCOMポート番号にし、"OK"をクリックします。

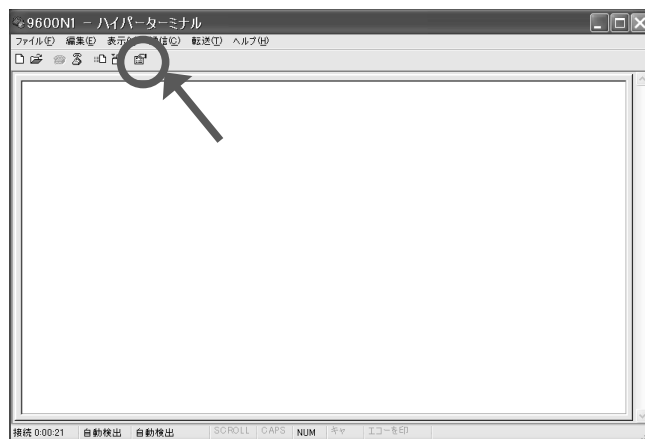
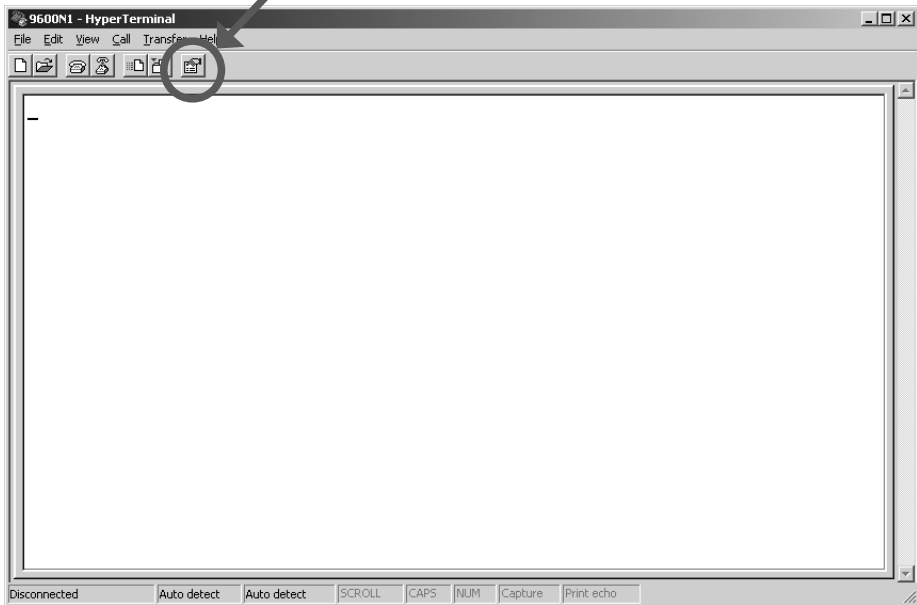


6. COMポートのプロパティの設定をビット/秒：**9600**、データビット：**8** パリティ：なし、ストップビット：**1**、フロー制御：**なし**とします。
 "OK"をクリックします。



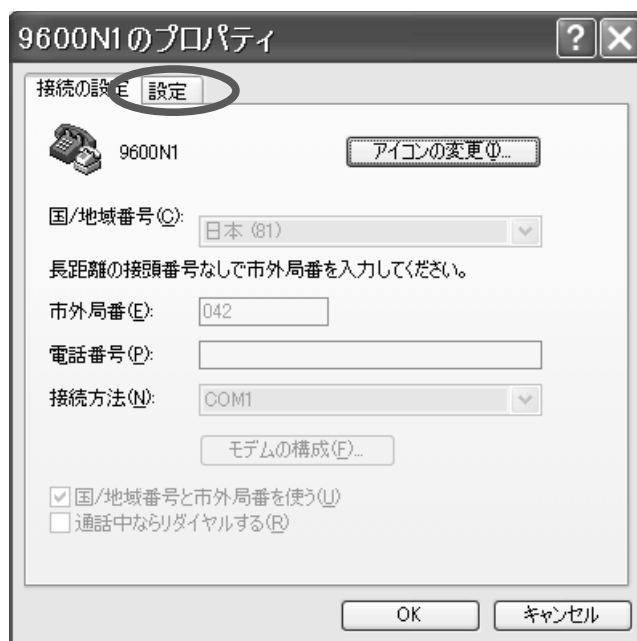
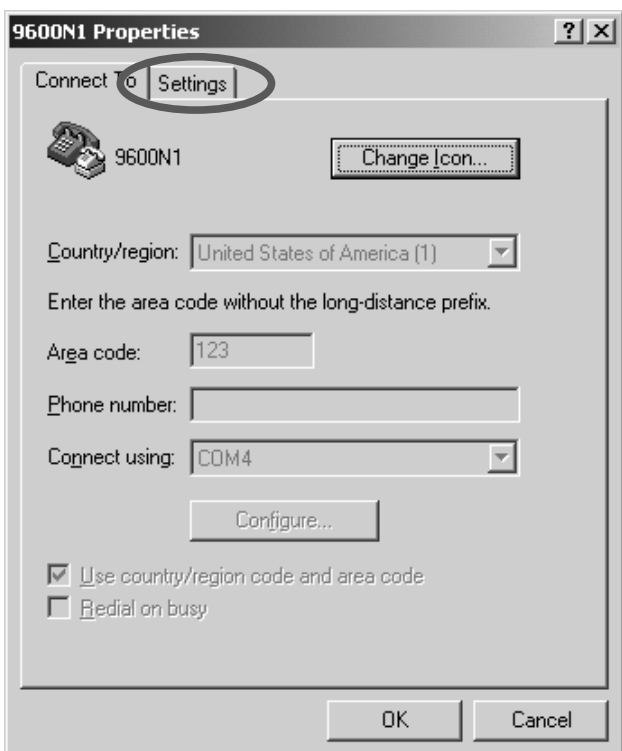
7. Click set up of the "Property".

7. "プロパティ"の設定をクリックします。

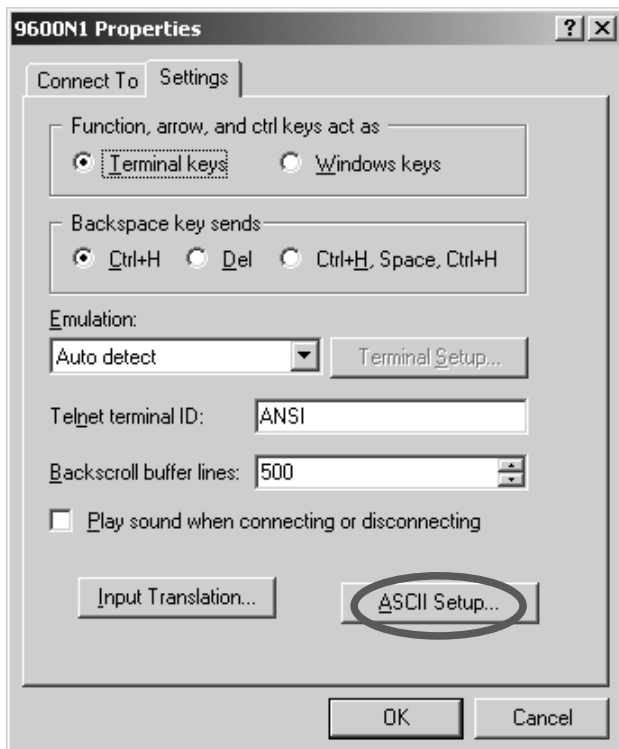


8. Click "Settings".

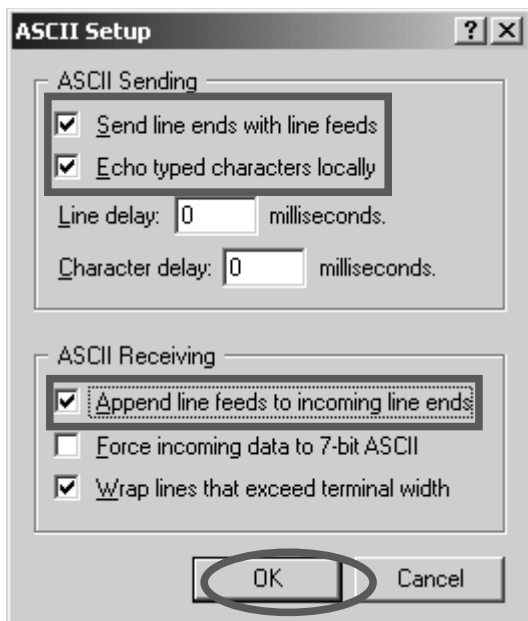
8. "設定"のタブをクリックします。



9. Click "ASCII setup".



- 10. Check the following check box.
- Send line ends with line feeds.
- Echo typed characters locally.
- Append line feeds to incoming line ends.
- Click "OK".

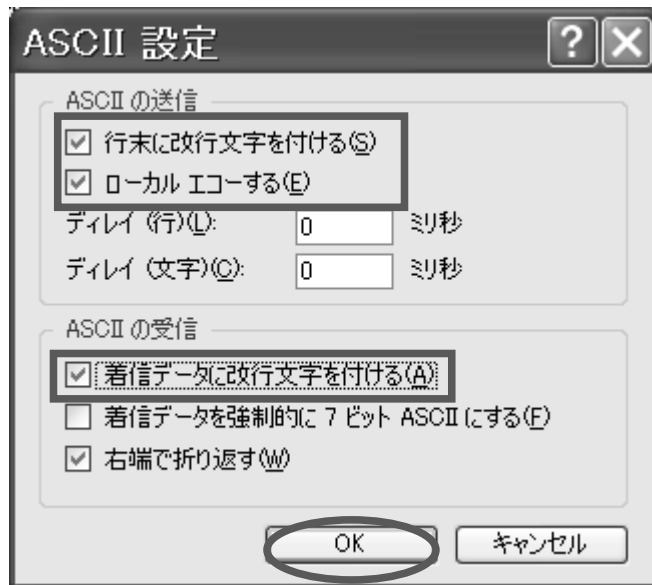


Since it returns to the No. 9, click "OK".

9. "ASCII設定"をクリックします。



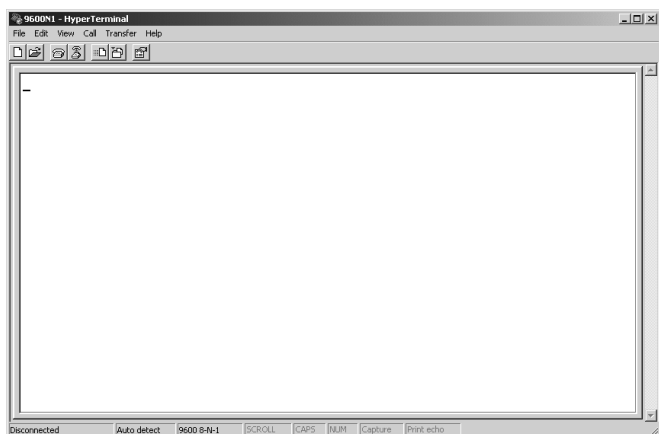
- 10. 次のチェックボックスにチェックを入れます。
- 行末に改行文字をつける
- ローカルエコーする
- 着信データに改行文字をつける
- "OK"をクリックします。



9. の画面にもどるので、"OK"をクリックします。

11. It becomes the following screens.

11. 次の画面が表示されます。



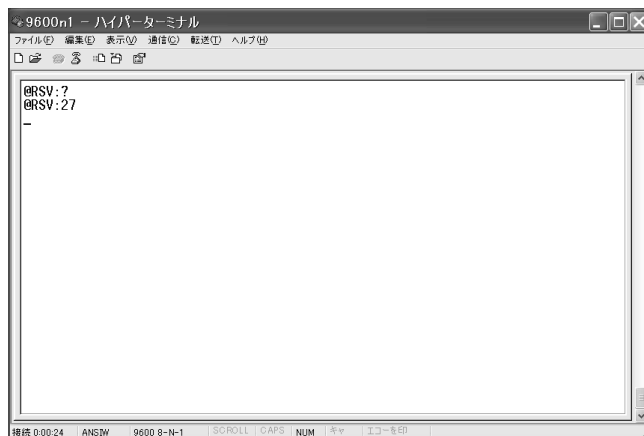
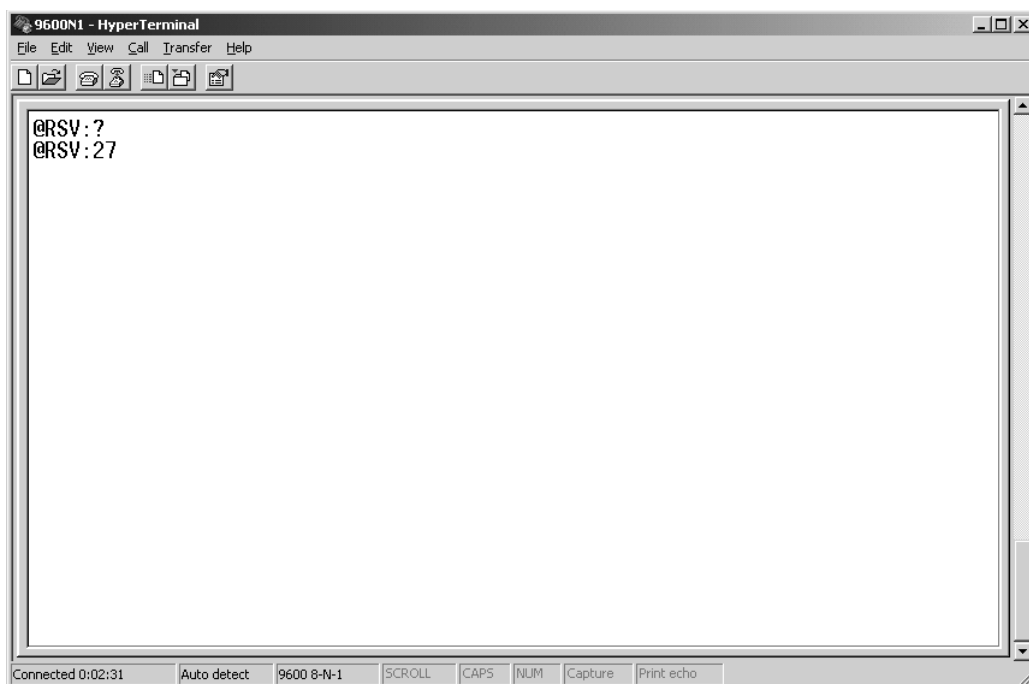
12. Check once again that a connect RS-232C cable from unit to PC and turn on the unit.

12. 本機とPCがRS-232ケーブルで接続され、電源が入っていることを確認し、キーボードからハイパーターミナルに**@RSV:?**と入力し、**Enter**を押します。

Type the **@RSV:?** into the HyperTerminal from the keyboard, and press the **Enter**.

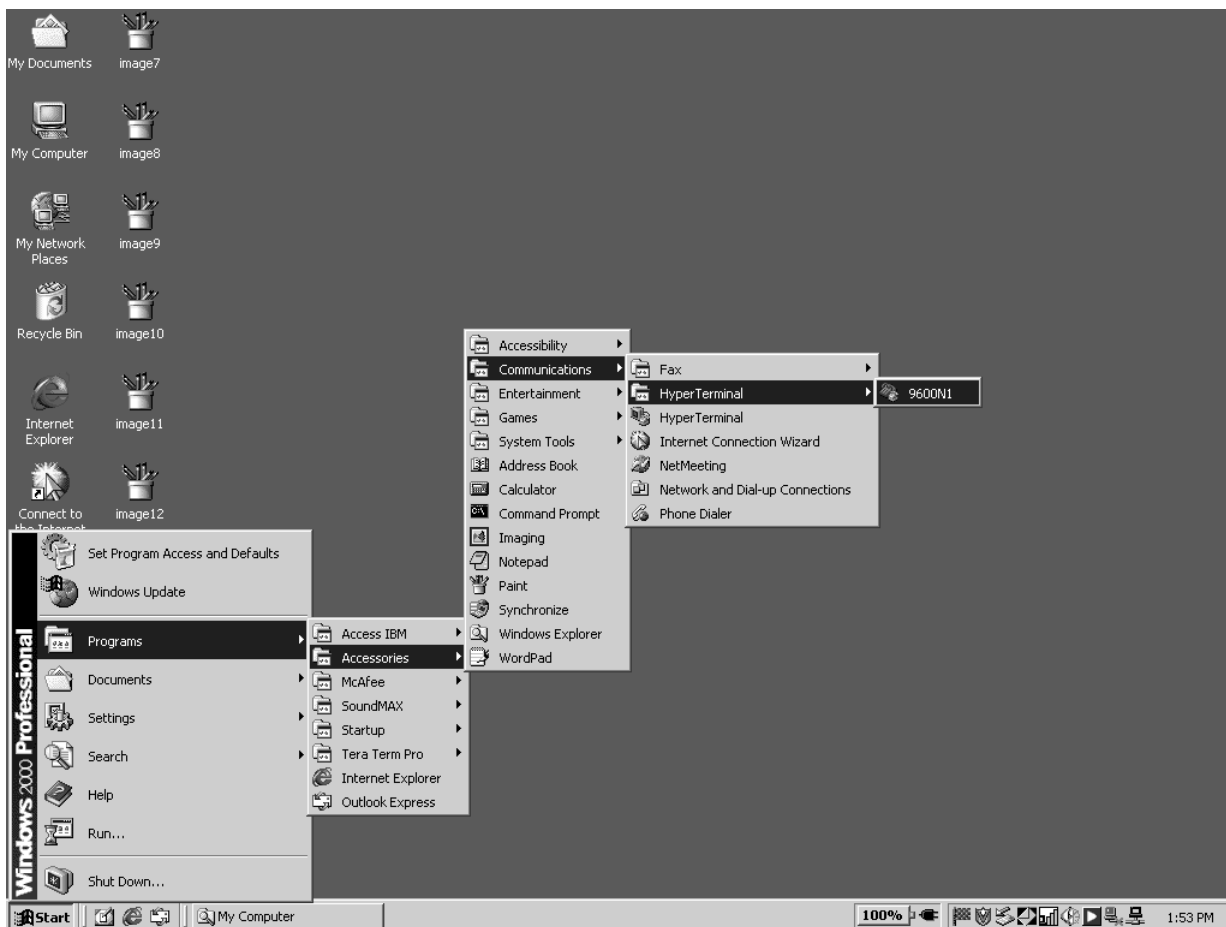
ハイパーターミナルに**@RSV:27**と表示された場合、ソフトウェアのバージョンは27です。

If the **@RSV:27** is displayed on HyperTerminal, it means version 27 of software.



REMARK: When it saves with a "File" menu, it is newly in the list of this program chosen from the next by No.3 a HyperTerminal. The program "9600N1" is added. If this is clicked, a setup does not need to be carried out each time.

注記: ファイルメニューで、保存をしておく、次から3. で選択したこのプログラムの一覧の中に新たにハイパーターミナル "9600N1"というプログラムが追加になっています。これをクリックすれば、設定をする必要はありません。



9. SERVICE MODE

Firmware (Back-end) version check

Connect the DVD player to TV and operate by using Remote controller RC001DV.

1. Press the **POWER** button to turn on the unit.
2. Press the **OPEN/CLOSE** button to open the disc tray.
3. Press the **DISP.** Button of the Remote controller.
4. The following information is displayed on the TV screen.

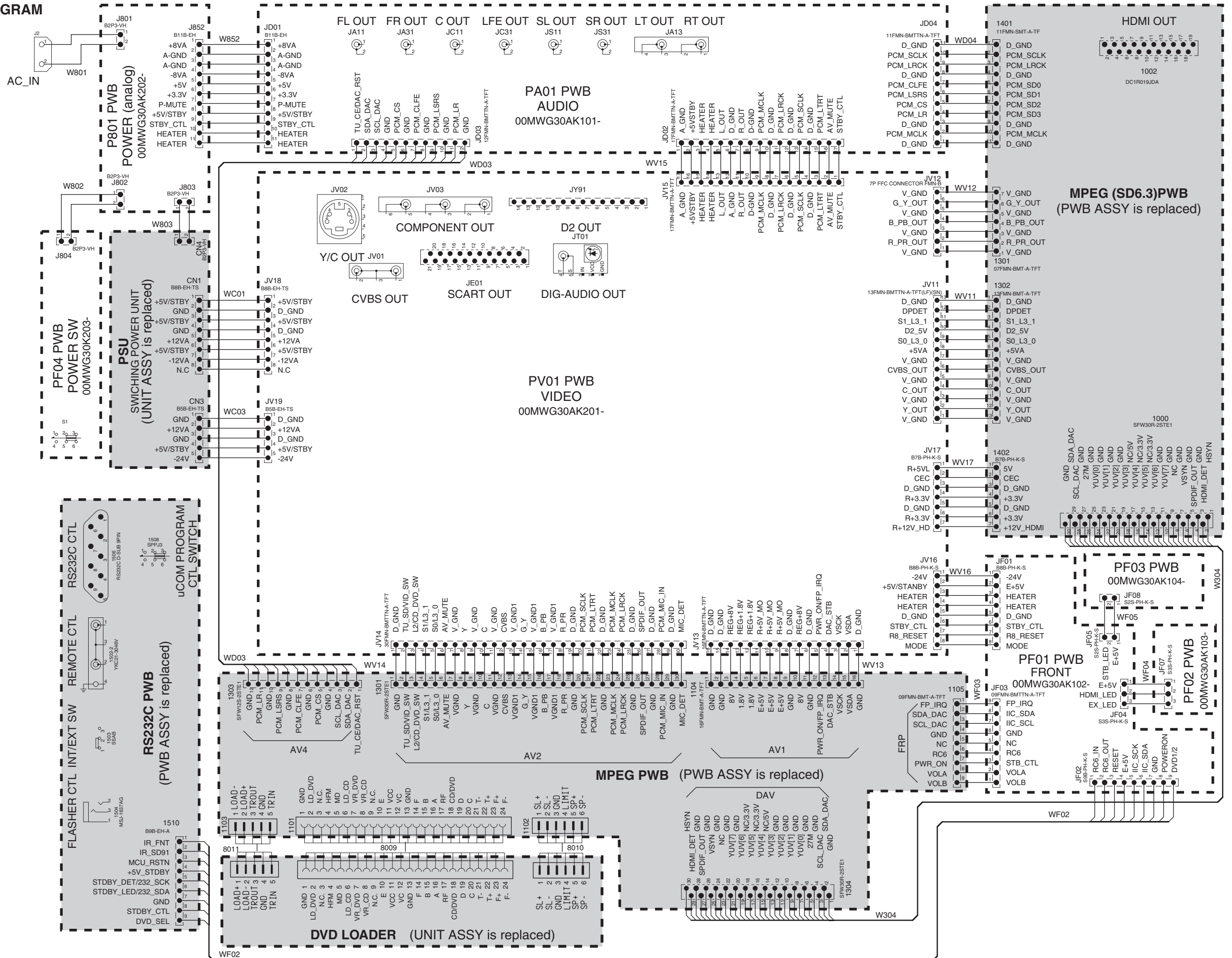
The firmware version is shown.

(Ex. : DV7001 V00C 7001-37 1)

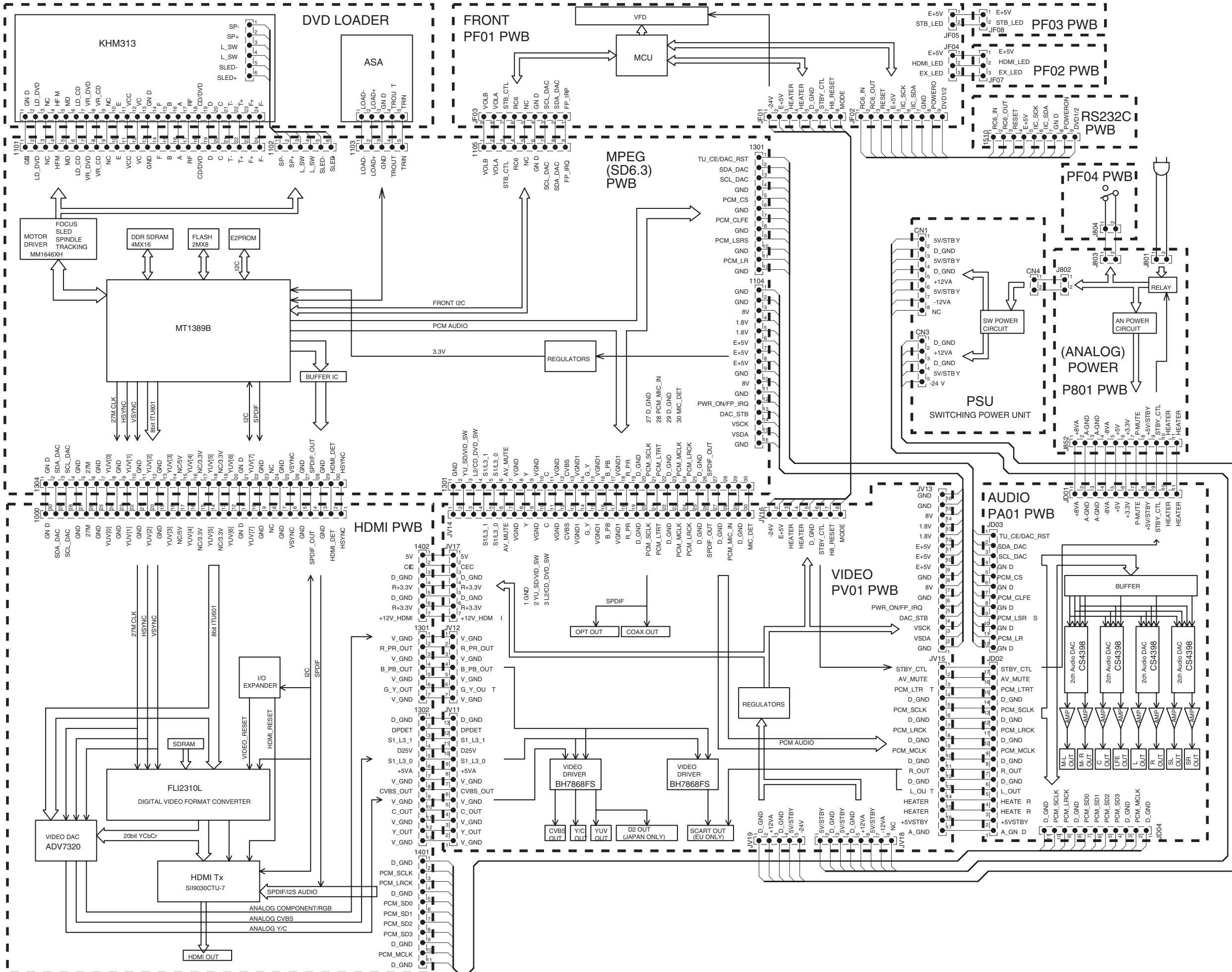


5. Turn off power to quit Service Mode.

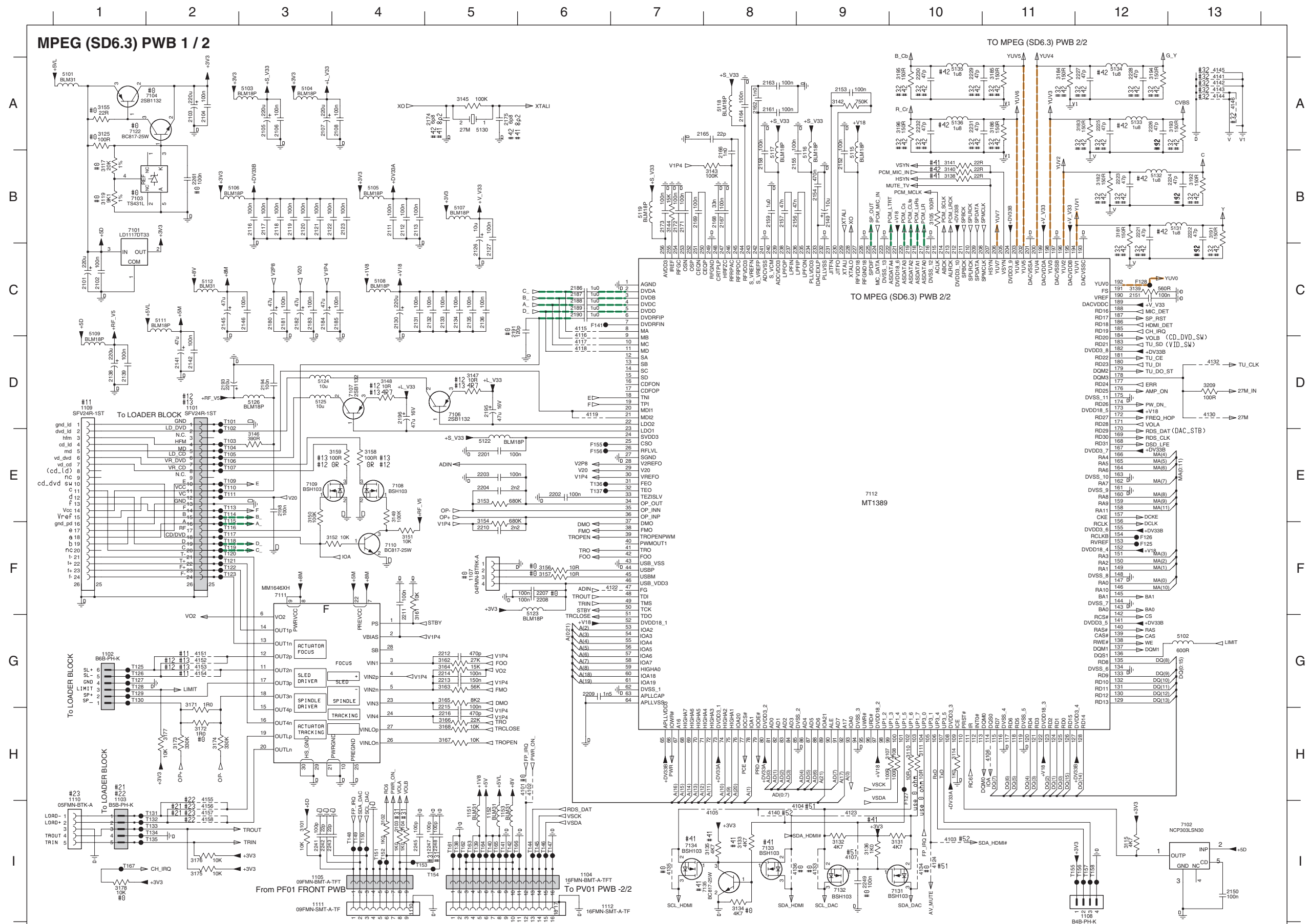
10. WIRING DIAGRAM



11. BLOCK DIAGRAM



12. SCHEMATIC DIAGRAM



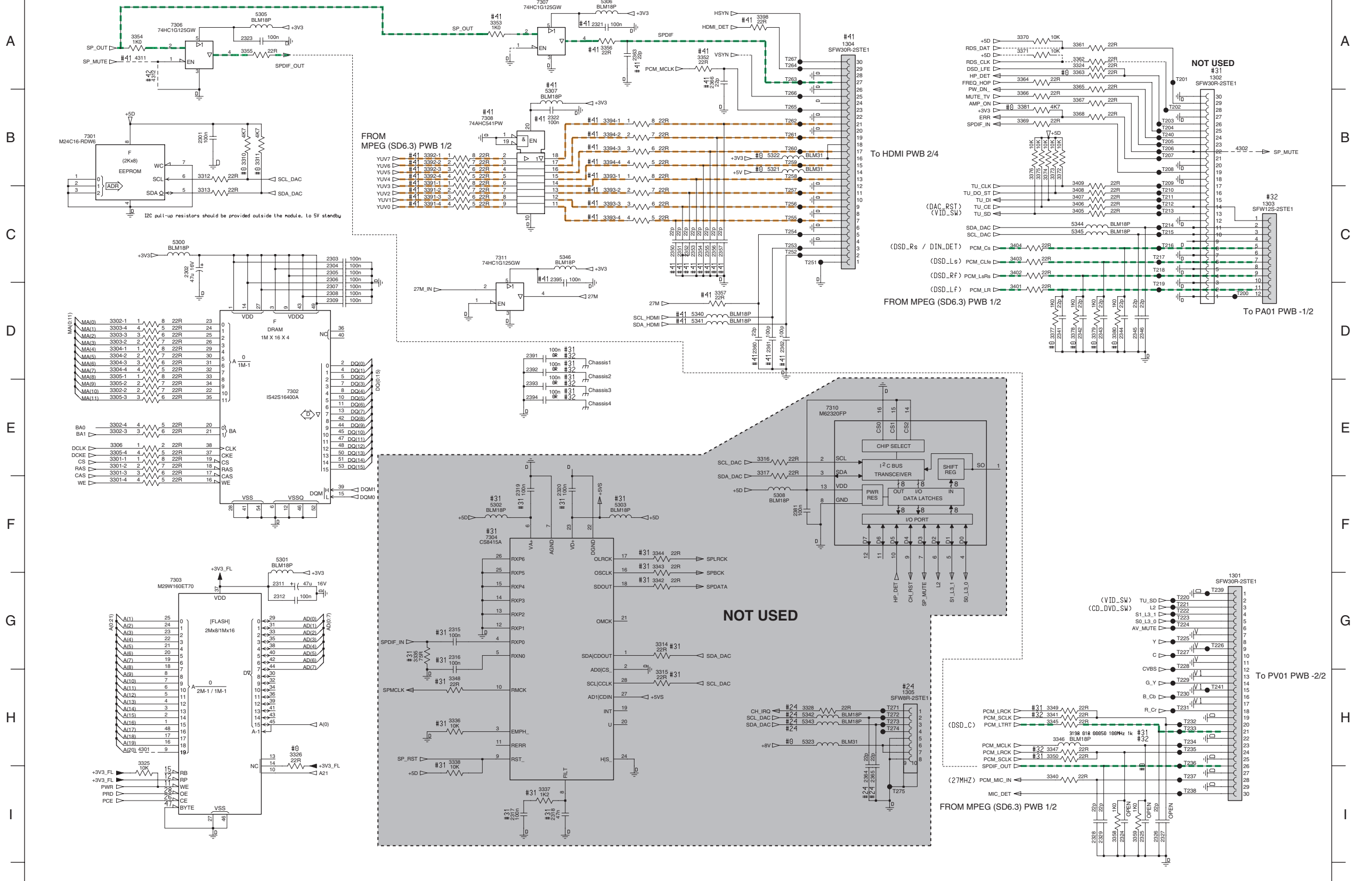
1101 D2	2232 A10	4158 I2
1102 G1	2241 I3	5101 A1
1103 I1	2242 I3	5102 G13
1104 H6	2243 I3	5103 A3
1105 L2	2245 H4	5104 A3
1107 F5	2247 I5	5105 B4
1108 H2	2248 I5	5106 B2
1109 D1	2249 I9	5107 B5
1110 I1	2261 B2	5108 C4
1111 I3	3101 I3	5109 C1
1112 I6	3102 I4	5111 C2
1151 I5	3103 I4	5112 C2
1152 I5	3104 I4	5115 B9
1153 I5	3105 B10	5116 B9
2101 C1	3107 H9	5117 B8
2102 C1	3108 H10	5118 A8
2103 A2	3110 H10	5119 B7
2104 A2	3111 H10	5122 E5
2105 A3	3114 H10	5123 G6
2106 A3	3115 H2	5124 D3
2107 A3	3117 B1	5125 D3
2108 A4	3119 B1	5126 D3
2111 B4	3125 A1	5130 A5
2112 B4	3131 I10	5131 B13
2113 B4	3132 I9	5132 B12
2116 B3	3133 I8	5133 A12
2117 B3	3134 I8	5134 A12
2118 B3	3135 I8	5135 A10
2119 B3	3136 I9	5136 A10
2120 B3	3138 B10	7101 B1
2121 B3	3139 C12	7102 I13
2122 B3	3140 H10	7103 B1
2123 B3	3141 B10	7104 A2
2126 C5	3142 A9	7106 D5
2127 C5	3143 B8	7107 D4
2130 C4	3144 B7	7108 E4
2131 C4	3145 A5	7109 E3
2132 C5	3146 E3	7110 F4
2133 C5	3147 D5	7111 F3
2134 C5	3148 D4	7112 E9
2135 C5	3149 E4	7122 A1
2136 C5	3150 E3	7131 I10
2138 D1	3151 F4	7132 I9
2139 D1	3152 F4	7133 I8
2141 D2	3153 E5	7134 I7
2142 D2	3154 F5	7135 I8
2145 C2	3155 A1	7125 F12
2146 C3	3156 F6	7126 F12
2149 B9	3157 F6	7127 H10
2150 H3	3158 E4	7128 C12
2151 C12	3159 E4	7130 C6
2152 B9	3161 F4	7155 E6
2153 A9	3162 G5	7156 E6
2154 B9	3163 G5	7101 D2
2155 B8	3164 G5	7102 E2
2156 B9	3165 G5	7103 E2
2157 B8	3166 H5	7104 E2
2158 B8	3167 H5	7105 E2
2159 B8	3168 H5	7106 E2
2161 A8	3171 G2	7109 E2
2162 A8	3172 H2	7109 E2
2163 A8	3173 H2	7110 E2
2164 A8	3174 H2	7111 E2
2165 A7	3175 I2	7113 E2
2166 B8	3176 I2	7114 E2
2167 B8	3177 H2	7115 F2
2168 B8	3178 I1	7116 F2
2169 B7	3181 B12	7117 F2
2171 B7	3182 B12	7118 F2
2172 B7	3183 A12	7119 F2
2173 B7	3184 A11	7120 F2
2174 A5	3185 A11	7121 F2
2175 A5	3186 A11	7122 F2
2180 C3	3191 B13	7123 F2
2181 C3	3192 B13	7125 G1
2182 C3	3193 A13	7126 G1
2183 C3	3194 A12	7127 G1
2184 C3	3195 A10	7128 G1
2185 C4	3196 A10	7129 G1
2186 C6	3209 D13	7130 G1
2187 C6	4101 H6	7131 I2
2188 C6	4102 H6	7132 I2
2189 C6	4103 I10	7133 I2
2190 C6	4104 I9	7134 I2
2191 C5	4105 I8	7135 I2
2193 D2	4106 H11	7136 E6
2194 D3	4107 I9	7137 E6
2195 D5	4115 C6	7138 I5
2196 D4	4116 D6	7139 I5
2198 E3	4117 D6	7140 I5
2201 E5	4118 D6	7141 I5
2202 E6	4119 D6	7142 I5
2203 E5	4122 F7	7144 I6
2204 E5	4123 I9	7145 I6
2207 F6	4124 I10	7146 I6
2208 F6	4130 D13	7147 I6
2209 G6	4132 D13	7148 I4
2210 F5	4133 I9	7149 I4
2211 F4	4134 I10	7150 I4
2212 G5	4135 I7	7151 I4
2213 G5	4136 I9	7152 I4
2214 G5	4140 I8	7153 I4
2215 H5	4141 A13	7154 I5
2216 H5	4142 A13	7155 I11
2221 B12	4143 A13	7156 I12
2222 B13	4144 A13	7157 I12
2223 B12	4145 A13	7158 I12
2224 B13	4146 A13	7161 I5
2225 A12	4151 G2	7162 I5
2226 A12	4152 G2	7163 I5
2227 A12	4153 G2	7164 I5
2228 A12	4154 G2	7165 I5
2229 A10	4155 I2	7166 I6
2230 A10	4156 I2	7167 I1
2231 A10	4157 I2	

#0 PROVISION	#11 DV33	#21 WXD-8136	#31 RECEIVERS	#41 DIGITAL VIDEO	#51 SINGLE I2C
	#12 DV34	#22 WXD-8229	#32 PLAYERS	#42 ANALOG VIDEO	#52 2 I2C LINE
	#13 KHM310	#23 DLM-1D			
		#24 5DCD			

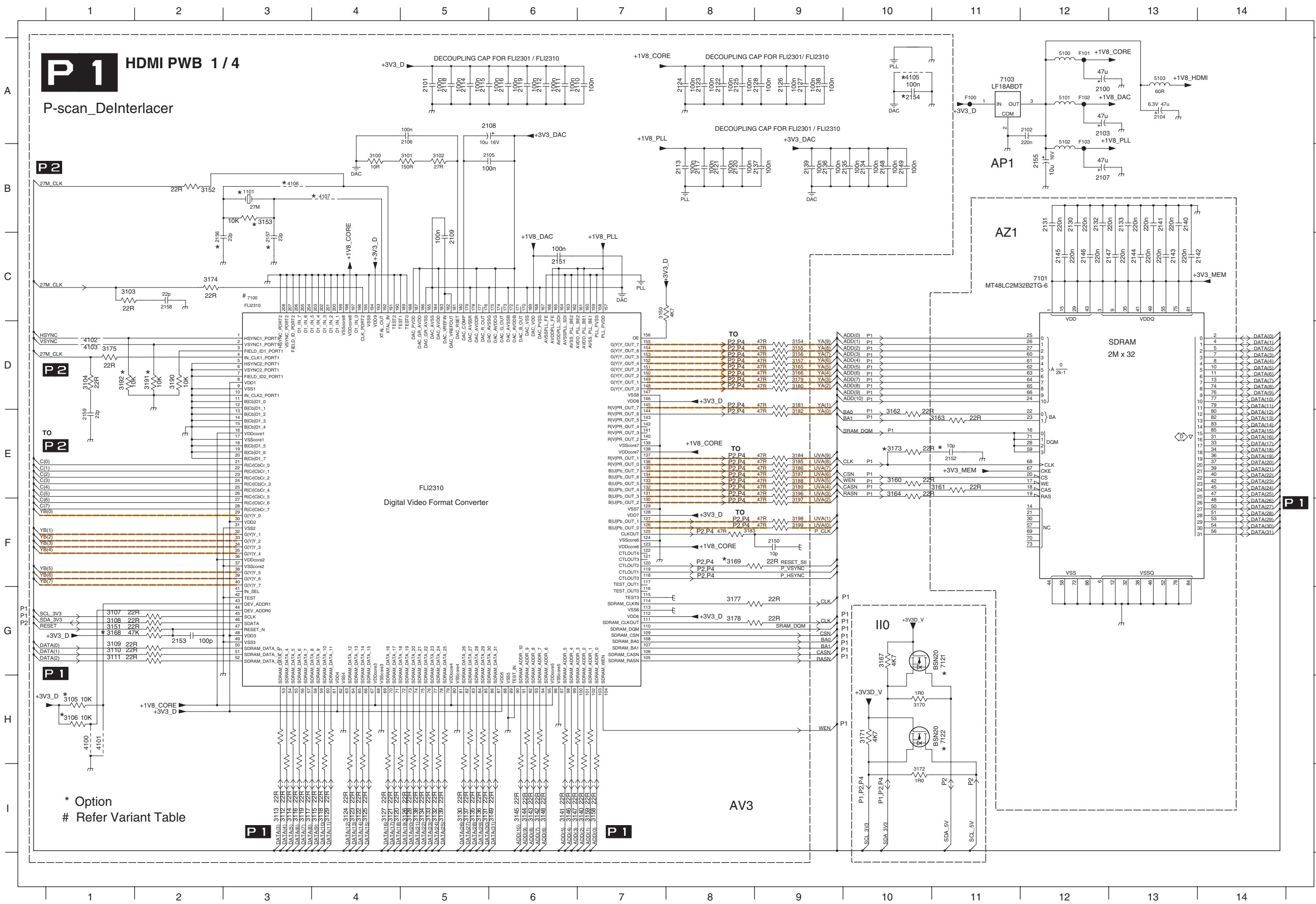
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1301 G13	3359 I12	T233 H12
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1303 C13	3362 A11	T235 H12
1304 A9	3363 A11	T236 H12
1305 H9	3364 A11	T237 H12
2301 B2	3365 A11	T238 I12
2302 C2	3366 B11	T239 G13
2303 C3	3367 B11	T240 B12
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2305 C3	3369 B11	T251 C8
2306 C3	3370 A11	T252 C8
2307 D3	3371 A11	T253 C8
2308 D3	3372 B11	T254 C8
2309 D3	3373 B11	T255 C8
2111 G3	3374 B11	T256 C8
2112 G3	3375 B11	T257 C8
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2116 G5	3377 D11	T259 B8
2117 I5	3378 D11	T260 B8
2118 I6	3379 D11	T261 B8
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2323 A3	3391-3 C4	T266 B8
2324 I12	3391-4 C4	T267 A8
2325 I12	3392-1 B4	T271 H9
2326 I12	3392-2 B4	T272 H9
2327 I12	3392-3 B4	T273 H9
2328 I11	3392-4 B4	T274 H9
2329 I11	3393-1 B6	T275 I9
2341 D11	3393-2 C6	
2342 D11	3393-3 C6	
2343 D11	3393-4 C6	
2344 D12	3394-1 B6	
2345 D12	3394-2 B6	
2346 D12	3394-3 B6	
2350 C7	3394-4 B6	
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2352 C7	3401 D10	
2353 C7	3402 C10	
2354 C7	3403 C10	
2355 C7	3404 C10	
2356 C7	3405 C11	
2357 C7	3406 C11	
2360 D8	3407 C11	
2361 D8	3408 C11	
2362 D8	3409 B11	
2363 A7	4301 H1	
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2365 I9	4311 A1	
2366 A7	4312 A2	
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2391 D5	5301 F3	
2392 D5	5302 F5	
2393 E5	5303 F6	
2394 E5	5305 A3	
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3301-3 E1	5321 B8	
3301-4 F1	5322 B8	
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3302-4 E1	5342 H8	
3303-2 D1	5343 H8	
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3303-4 D1	5345 C11	
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3304-4 D1	7303 E2	
3305-1 D1	7304 F5	
3305-2 E1	7306 A2	
3305-3 E1	7307 A6	
3305-4 E1	7308 B5	
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3310 B3	7311 C5	
3311 B3	T200 D13	
3312 B2	T201 A12	
3313 C2	T202 B12	
3314 G7	T203 B12	
3315 H7	T204 B12	
3316 E8	T205 B12	
3317 E8	T206 B12	
3324 A11	T207 B12	
3325 H1	T208 B12	
3326 H3	T209 B12	
3328 H8	T210 C12	
3335 G4	T211 C12	
3336 H5	T212 C12	
3337 I6	T213 C12	
3338 H5	T214 C12	
3340 I11	T215 C12	
3341 H11	T216 C12	
3342 G7	T217 C12	
3343 F7	T218 C12	
3344 F7	T219 D12	
3345 H11	T220 G12	
3346 H11	T221 G12	
3347 H11	T222 G12	
3348 H5	T223 G12	
3349 H11	T224 G12	
3350 H11	T225 G12	
3352 A7	T226 G13	
3353 A5	T227 G12	
3354 A1	T228 G12	
3355 A3	T229 H12	
3356 A2	T230 H12	
3357 D7	T231 H12	
3358 I2	T232 H12	



#0 PROVISION	#11 DV33	#21 WXD-8136	#31 RECEIVERS	#41 DIGITAL VIDEO
	#12 DV34	#22 WXD-8229	#32 PLAYERS	#42 ANALOG VIDEO
	#13 KHM310	#23 DLM-1D		
		#24 5CDC		

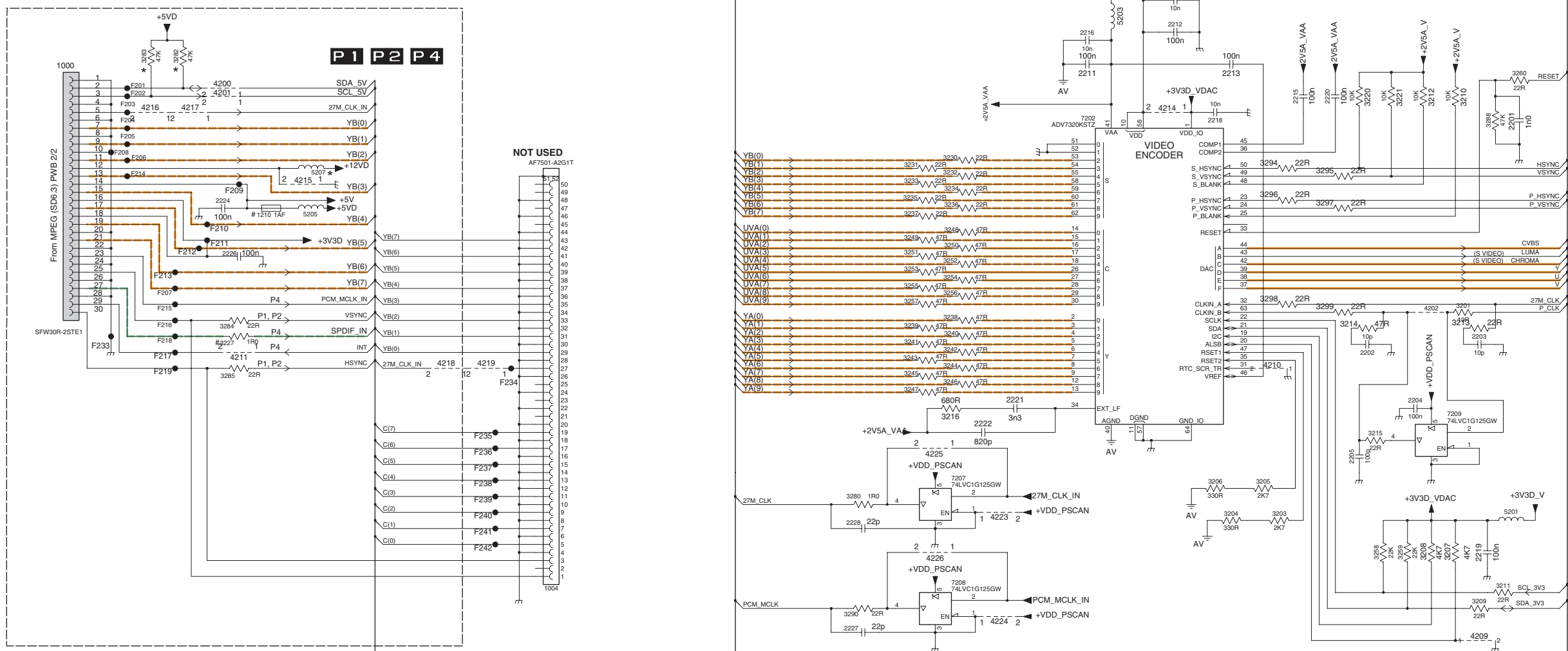


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- 2133 B13
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- 2142 C13
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- 2147 C13
- 2148 B10
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- 2150 F9
- 2151 C6
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- 2153 G2
- 2154 A10
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- 2156 C2
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- 3192 D1
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- 3198 A9
- 3199 F9
- 4100 H1
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- 4102 D1
- 4103 D1
- 4104 C13
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- 4107 B4
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- 5109 G1
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- 5118 I4
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- 5143 I6
- 5144 I6
- 5145 I6
- 5146 I6
- 5147 I6
- 5148 I6
- 5149 I6
- 5150 C7
- 5151 G1
- 5152 B2
- 5153 B3
- 5154 D9
- 5155 D9

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* Option
Refer Variant Table



Ref Des	1210	7202	3203	3205	3204	3206
Variant						
DV6001	F 1A	ADV7320	2K7		330R	
	1206 0R	ADV7320	2K7		330R	

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- 1004 I5
- 1210 F3
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- 2202 G13
- 2203 G14
- 2204 G13
- 2205 H13
- 2210 B10
- 2211 D10
- 2212 D11
- 2213 D12
- 2214 D11
- 2215 D12
- 2216 D10
- 2217 A13
- 2218 E11
- 2219 I14
- 2220 D12
- 2221 G10
- 2222 G9
- 2223 C4
- 2224 E3
- 2226 F3
- 2227 I8
- 2228 H8
- 3201 F14
- 3202 A7
- 3203 H12
- 3204 H12
- 3205 H12
- 3206 H11
- 3207 I13
- 3208 I13
- 3209 I14
- 3210 D14
- 3211 I14
- 3212 D13
- 3213 F14
- 3214 F13
- 3215 G13
- 3216 G9
- 3218 B7
- 3219 A6
- 3220 D13
- 3221 D13
- 3222 B4
- 3223 A8
- 3224 A11
- 3225 A11
- 3227 G3
- 3228 B3
- 3229 C7
- 3230 E9
- 3231 E9
- 3232 E9
- 3233 E9
- 3234 E9
- 3235 E9
- 3236 E9
- 3237 F9
- 3238 F9
- 3239 G9
- 3240 G9
- 3241 G9
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- 3250 F9
- 3251 F9
- 3252 F9
- 3253 F9
- 3254 F9
- 3255 F9
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- 3257 F9
- 3258 I13
- 3259 I13
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- 3264 A12
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- 3276 B6
- 3277 A6
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- 3280 H8
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- 3289 C8
- 3290 I8
- 3291 B11
- 3292 B12
- 3293 B12
- 3294 E12
- 3295 E12
- 3296 E12
- 3297 E12
- 3298 F12
- 3299 F12
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- 4201 D3
- 4202 F13
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- 4211 G3
- 4213 A13
- 4214 E11
- 4215 E3
- 4216 E2
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- 4218 G5
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- 4220 C11
- 4221 C12
- 4222 C12
- 4223 H9
- 4224 I9
- 4225 H9
- 4226 I9
- 5201 H14
- 5202 C11
- 5203 D11
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- 7202 E10
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- 7204 A12
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- 7207 H9
- 7208 I9
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- F201 D2
- F202 D2
- F203 E2
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- F208 E2
- F209 E3
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- F211 F3
- F212 F2
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- F214 E2
- F215 F2
- F216 G2
- F217 G2
- F218 G2
- F219 G2
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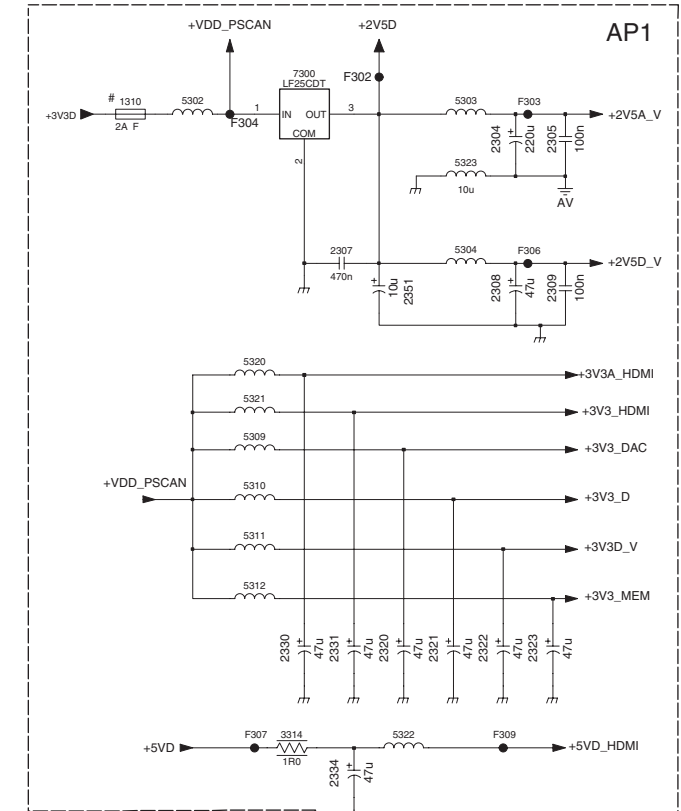
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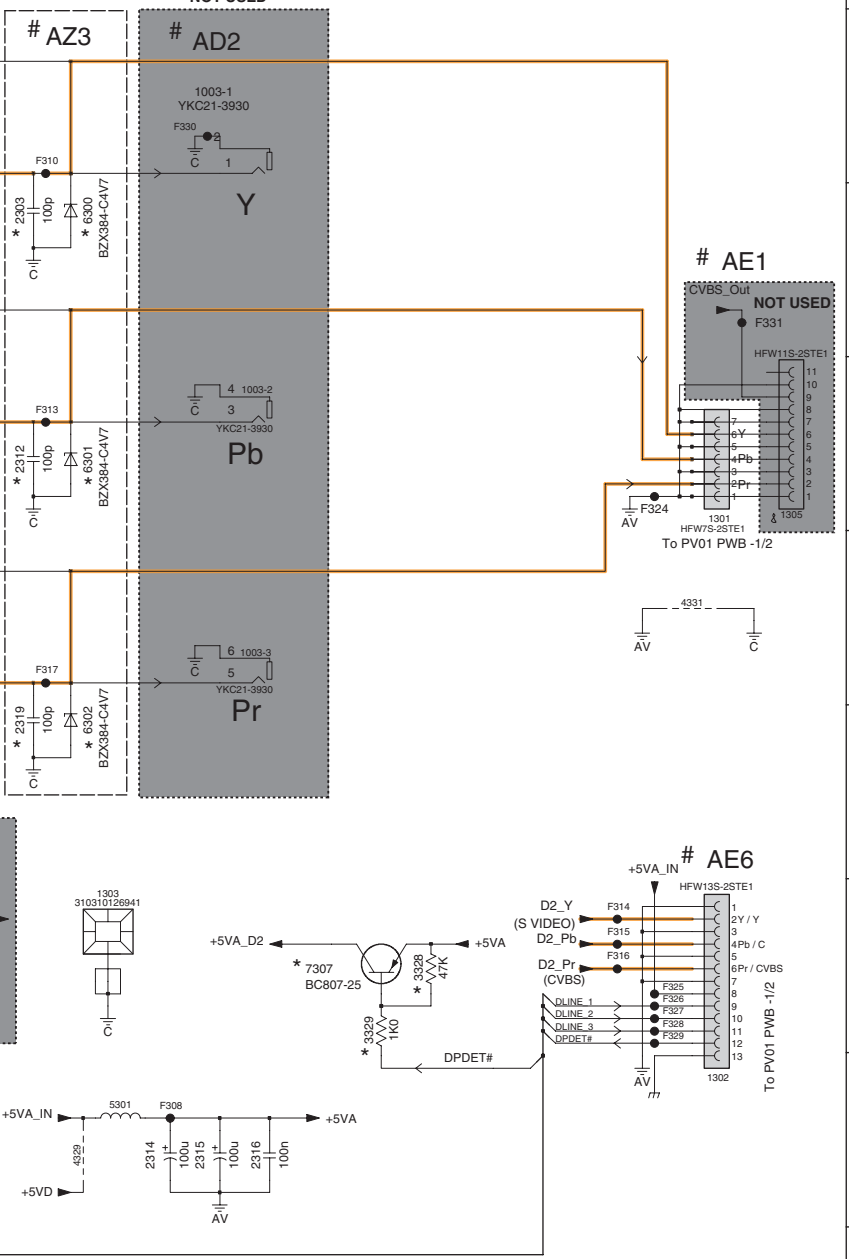
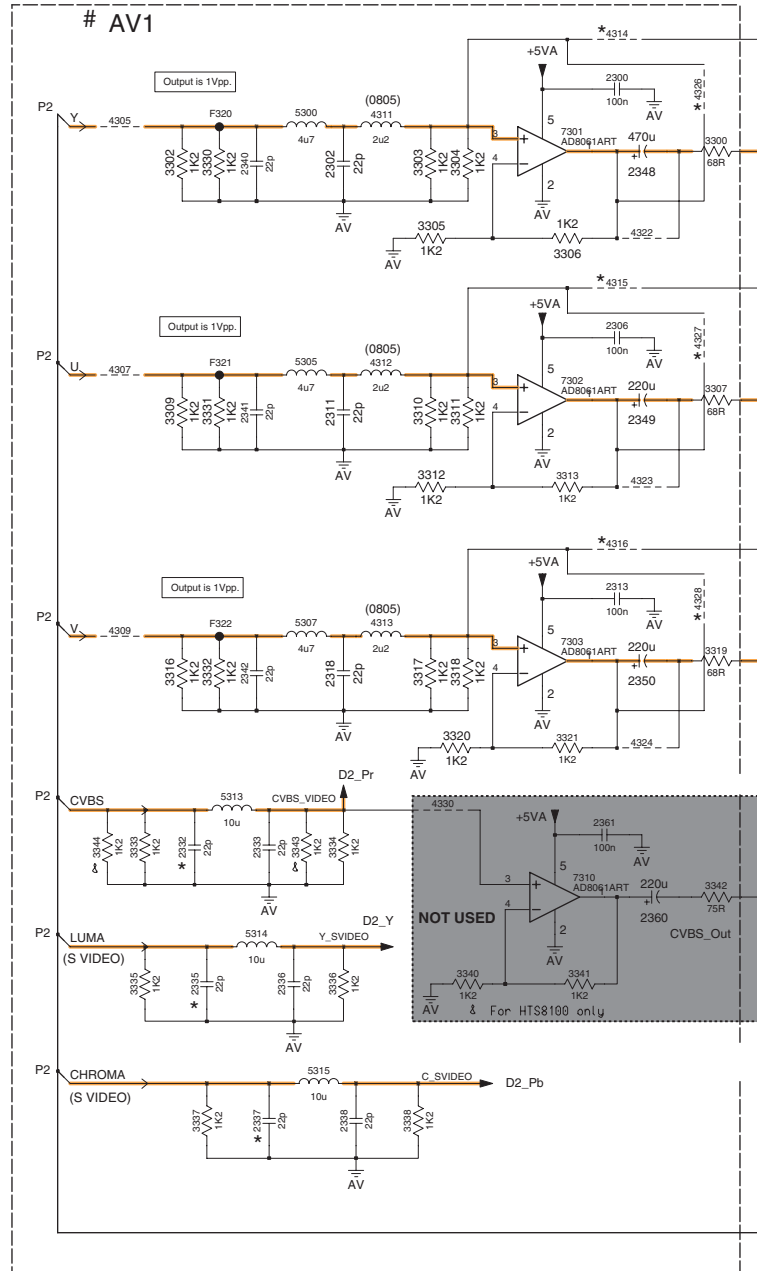
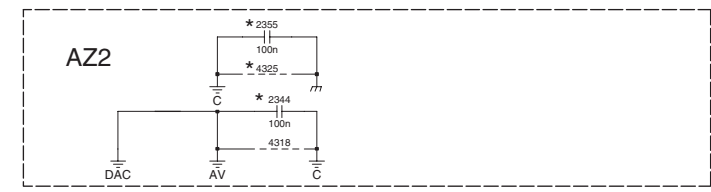
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* Option
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Ref Des	1003	1301	1302	1310	2302	2311	2340	2341	3302	3309	3330	3331	3303	3310	3304	3311	5300	5305	4311	4312	2348	2349	4322	4323
Variant	NOT USED	USED	USED	F 2A	22p	22p	22p	150R	1K2	3332	1K2	1K2	1K2	1K2	1K2	1K2	4u7	4313	4313	2350	2350	USED	NOT USED	
DV6001	USED	NOT USED	JAPAN VER	1206 0R	22p	22p	22p	1K2	1K2	1K2	1K2	1K2	1K2	1K2	1K2	1K2	4u7	4313	4313	2350	2350	USED	NOT USED	

- 1003-1 B11
- 1003-2 D11
- 1003-3 E11
- 1301 D14
- 1302 H14
- 1303 G10
- 1305 D14
- 1310 B2
- 2300 B9
- 2302 C7
- 2303 C10
- 2304 B4
- 2305 B4
- 2306 C9
- 2307 C3
- 2308 C4
- 2309 C4
- 2311 D7
- 2312 D10
- 2313 E9
- 2314 H11
- 2315 H11
- 2316 H11
- 2317 E7
- 2319 F10
- 2320 E3
- 2321 E3
- 2322 E4
- 2323 E4
- 2330 E3
- 2331 E3
- 2332 F6
- 2333 F7
- 2334 F3
- 2335 G6
- 2336 G7
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- 2338 H7
- 2340 C7
- 2341 D7
- 2342 E7
- 2344 I3
- 2348 C9
- 2349 D9
- 2350 E9
- 2351 C3
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- 2360 G9
- 2361 F9
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- 5320 D2
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- 7307 G11
- 7310 G9
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- F306 C4
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- F308 H11
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- F310 B10
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- F317 E10
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- F321 D7
- F322 E7
- F324 D13
- F325 G14
- F326 G14
- F327 G14
- F328 G14
- F329 G14
- F330 B11
- F331 C14

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P-scan_HDMI
 * Option
 # Refer Variant Table

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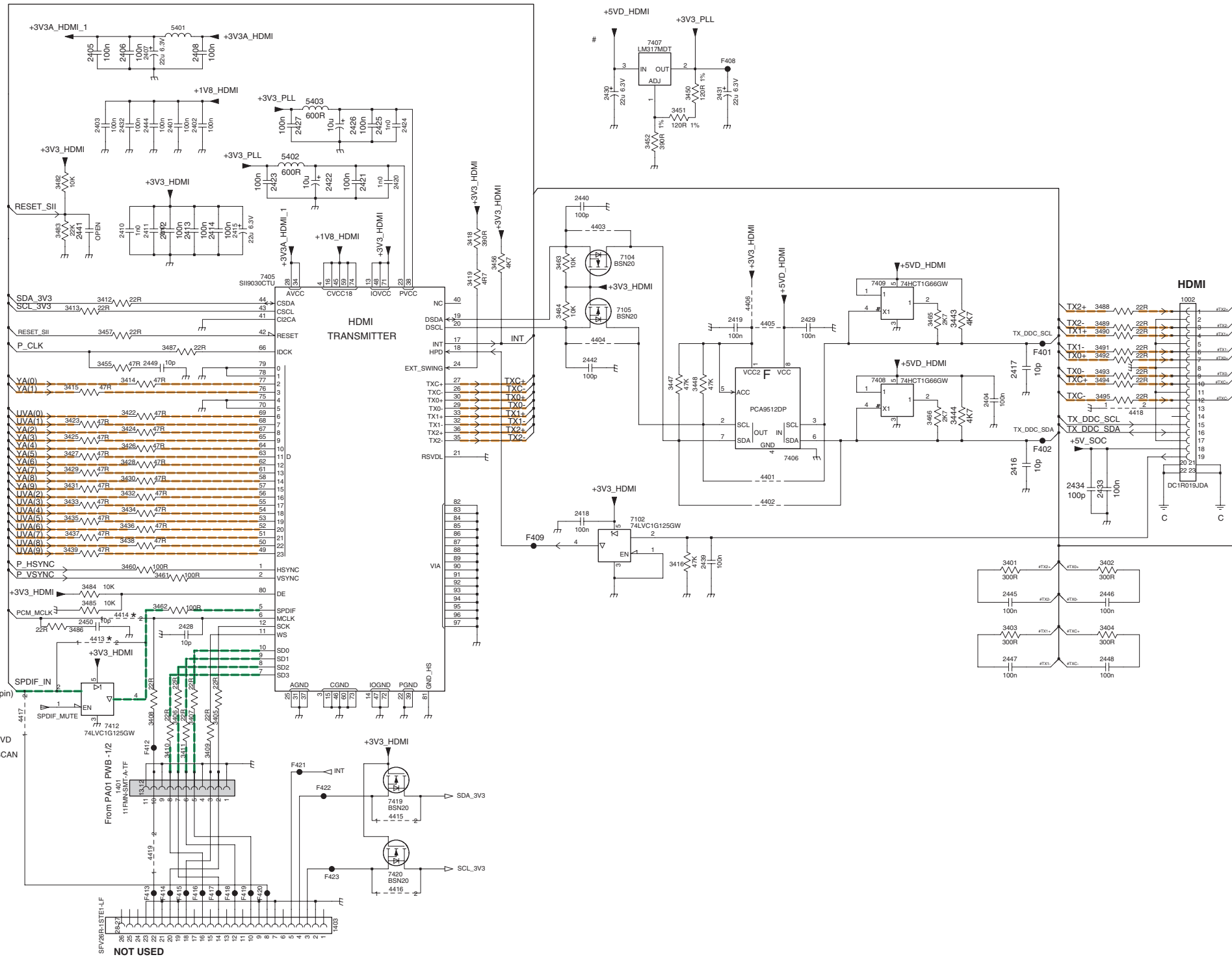
E

F

G

H

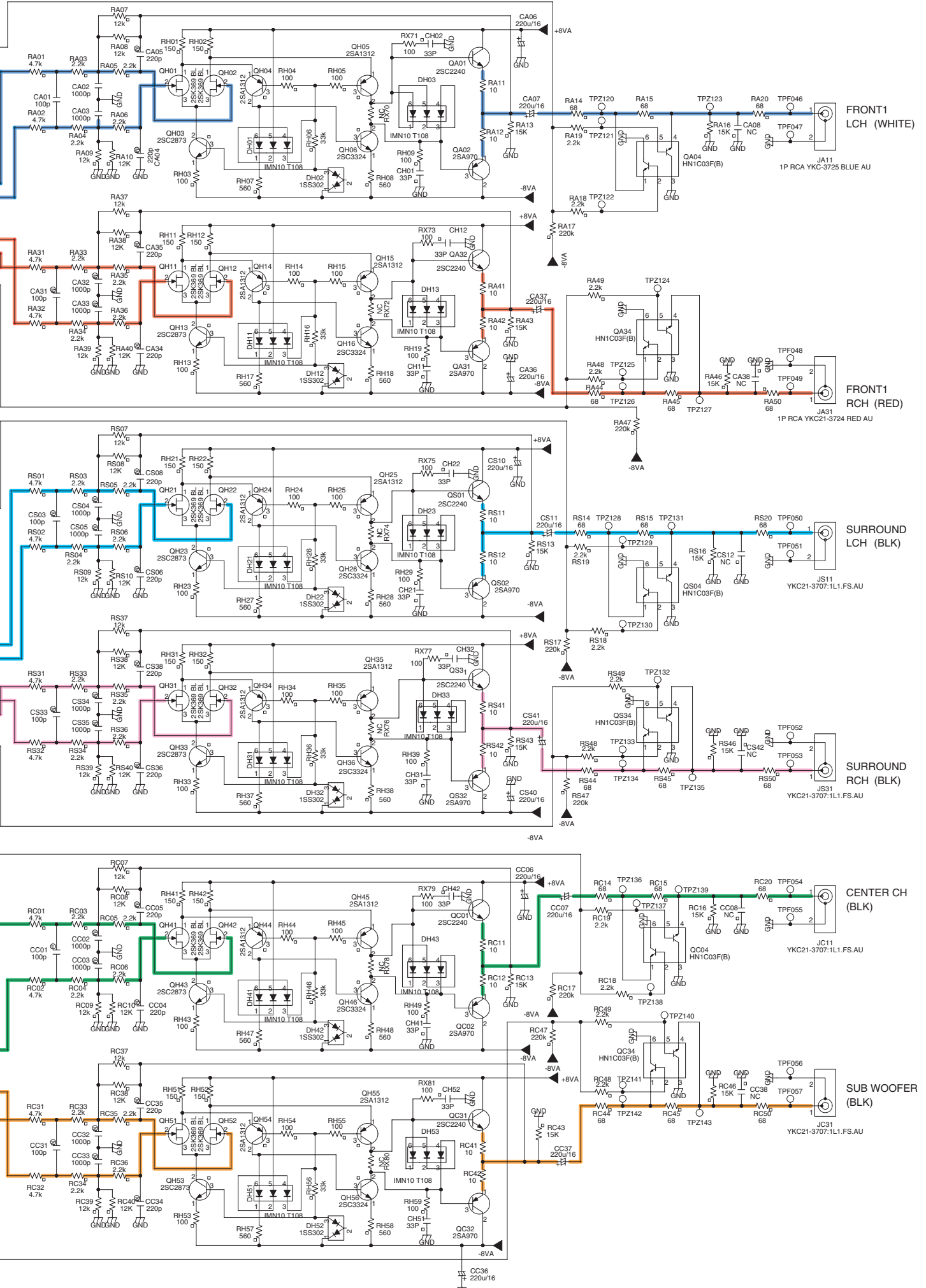
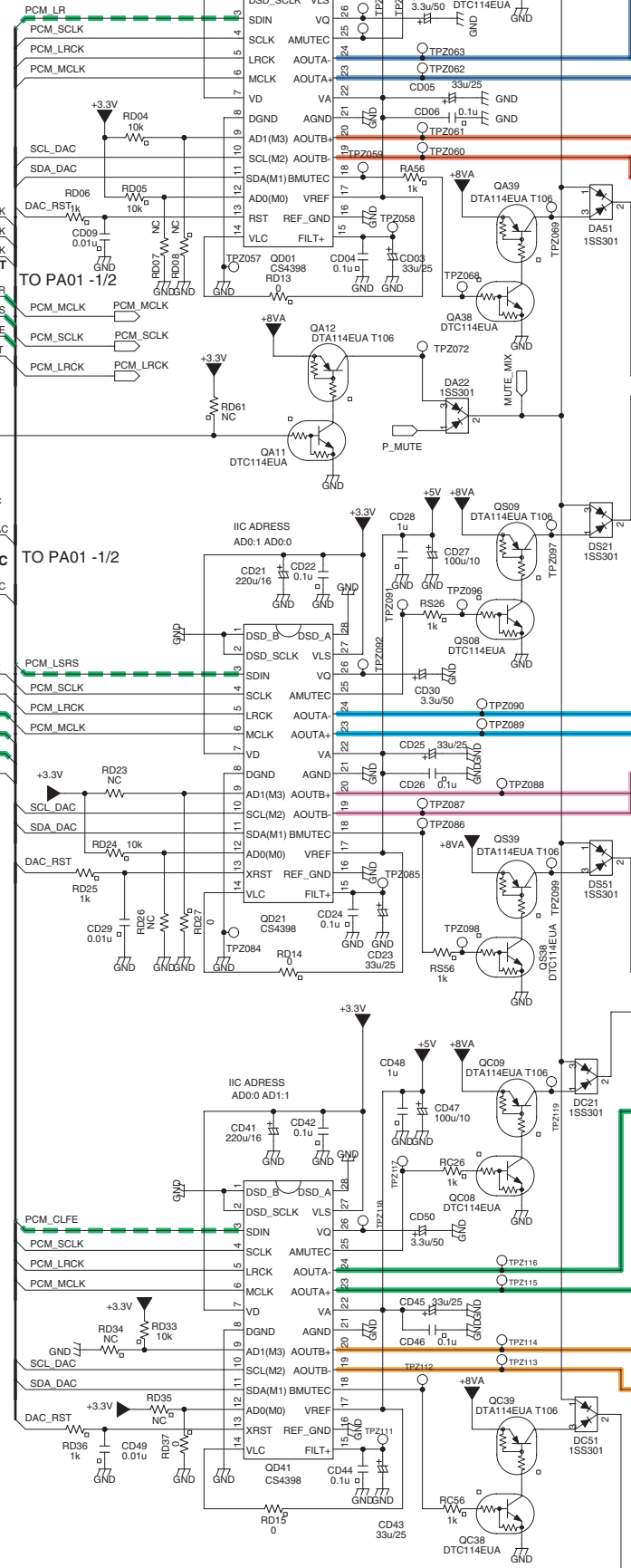
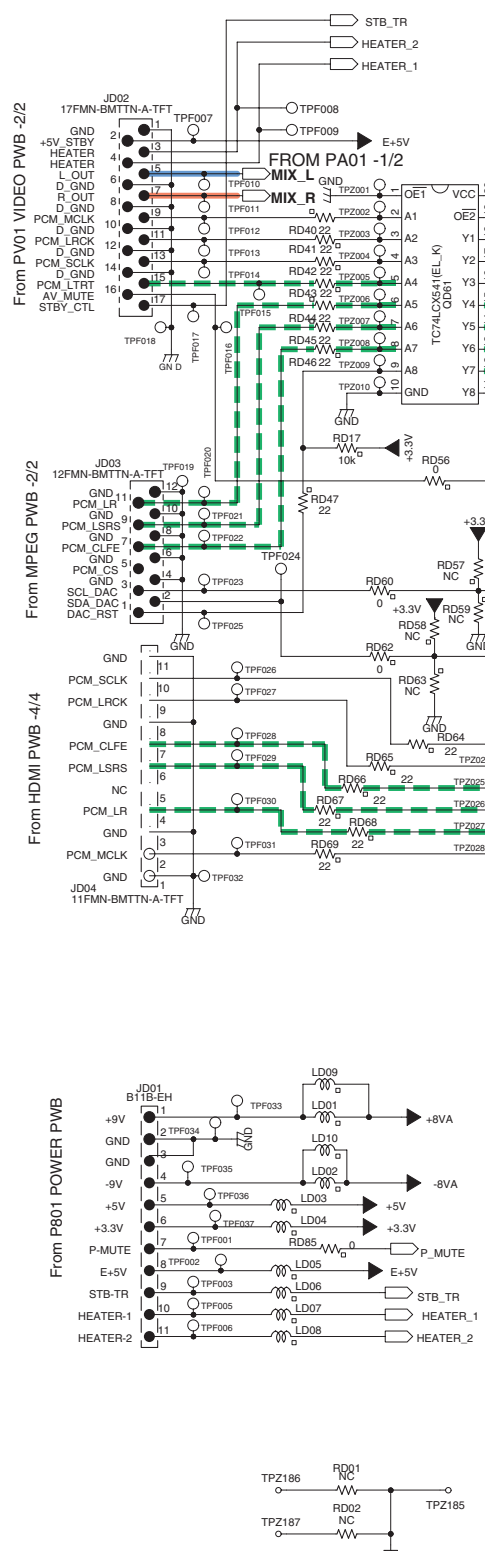
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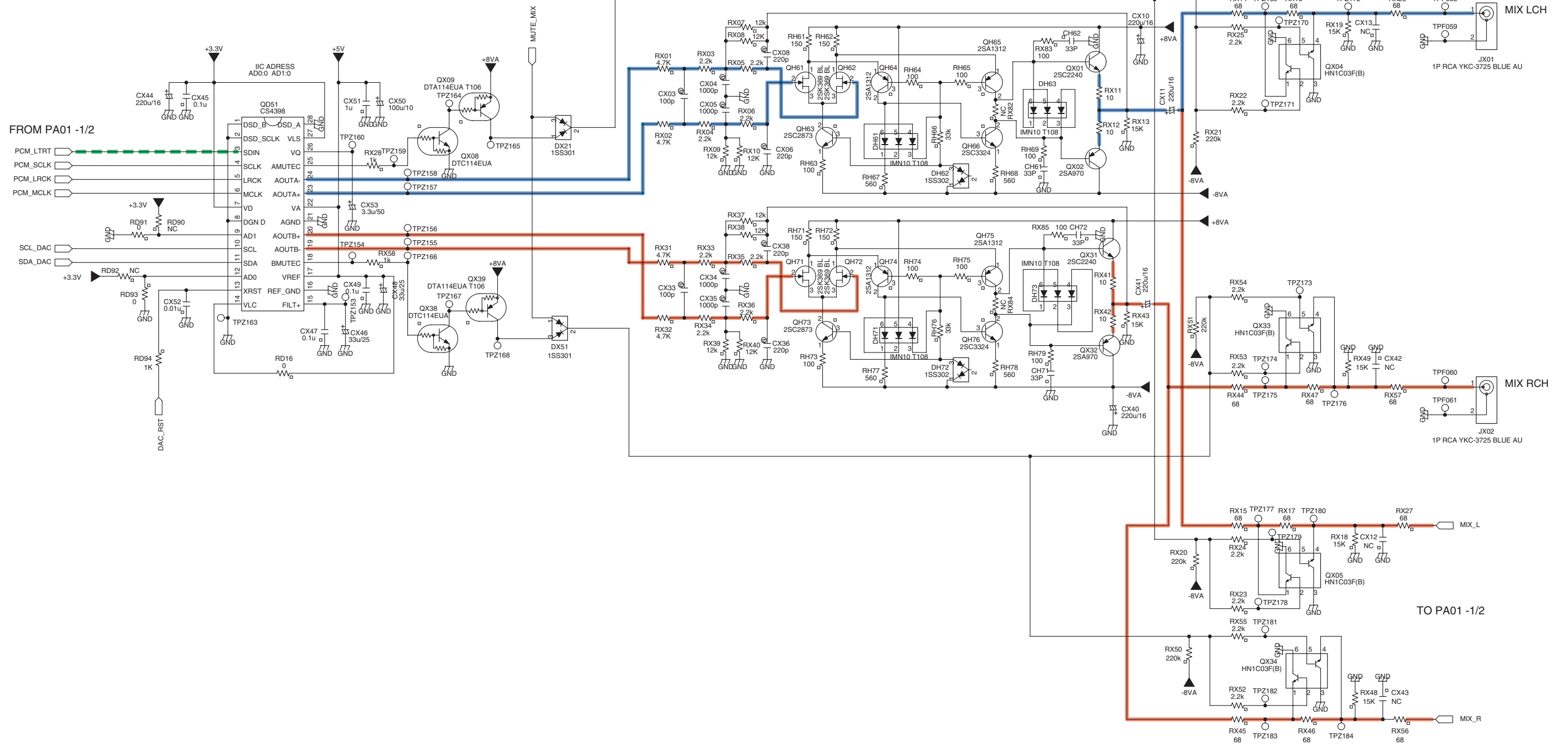
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1404	I3	3485	F4
1405	H1	3486	F4
1410	G3	3487	D5
1411	H3	3488	D13
2401	B5	3489	D13
2402	B5	3490	D13
2403	B4	3491	D13
2404	D12	3492	D13
2405	A4	3493	D13
2406	A5	3494	D13
2407	A5	3495	D13
2408	A5	4401	E10
2409	G2	4402	E10
2410	C5	4403	C9
2411	C5	4404	D9
2412	C5	4405	D10
2413	C5	4406	D10
2414	C5	4413	F4
2415	C6	4414	F4
2416	E12	4415	H7
2417	D12	4416	I7
2418	E9	4417	G4
2419	D10	4418	D13
2420	B7	4419	H5
2421	B7	5401	A5
2422	B6	5402	B6
2423	B6	5403	B6
2424	B7	5405	G2
2425	B7	5406	H3
2426	B7	5407	H2
2427	B6	5408	H1
2428	F5	6412	H3
2429	D11	7102	E9
2430	B9	7104	C9
2431	B10	7105	D9
2432	B5	7405	C6
2433	E13	7406	E10
2434	E13	7407	A9
2435	H2	7408	D11
2436	H2	7409	C11
2437	I2	7412	G4
2438	I2	7418	H2
2439	F10	7419	H7
2440	C9	7420	I7
2441	C4	F401	D13
2442	D9	F402	E13
2444	B5	F403	G2
2445	F12	F406	H2
2446	F13	F407	H2
2447	G12	F408	A10
2448	G13	F409	F8
2449	D5	F410	H2
2450	F4	F411	I2
3401	F12	F412	G5
3402	F13	F413	I5
3403	F12	F414	I5
3404	F13	F415	I5
3405	G5	F416	I5
3406	G5	F417	I5
3407	G5	F418	I5
3408	G5	F419	I6
3409	G5	F420	I6
3410	G5	F421	H6
3411	G5	F422	H6
3412	C4	F423	H6
3413	D4		
3414	D5		
3415	D4		
3416	F9		
3418	C8		
3419	C8		
3422	D5		
3423	E4		
3424	E5		
3425	E4		
3426	E5		
3427	E4		
3428	E5		
3429	E4		
3430	E5		
3431	E4		
3432	E5		
3433	E4		
3434	E5		
3435	E4		
3436	E5		
3437	F4		
3438	F5		
3439	F4		
3443	D12		
3444	E12		
3447	D9		
3448	D10		
3450	B10		
3451	B9		
3452	B9		
3455	D4		
3456	C8		
3457	D4		
3460	F5		
3461	F5		
3462	F5		
3463	C8		
3464	D8		
3465	D12		

Ref Des	1410	1411	3483	2441
Variant	F 1A	F 2A	22K	OPEN
DV6001				

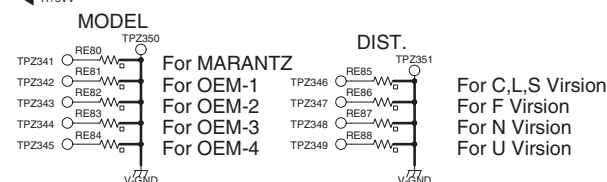
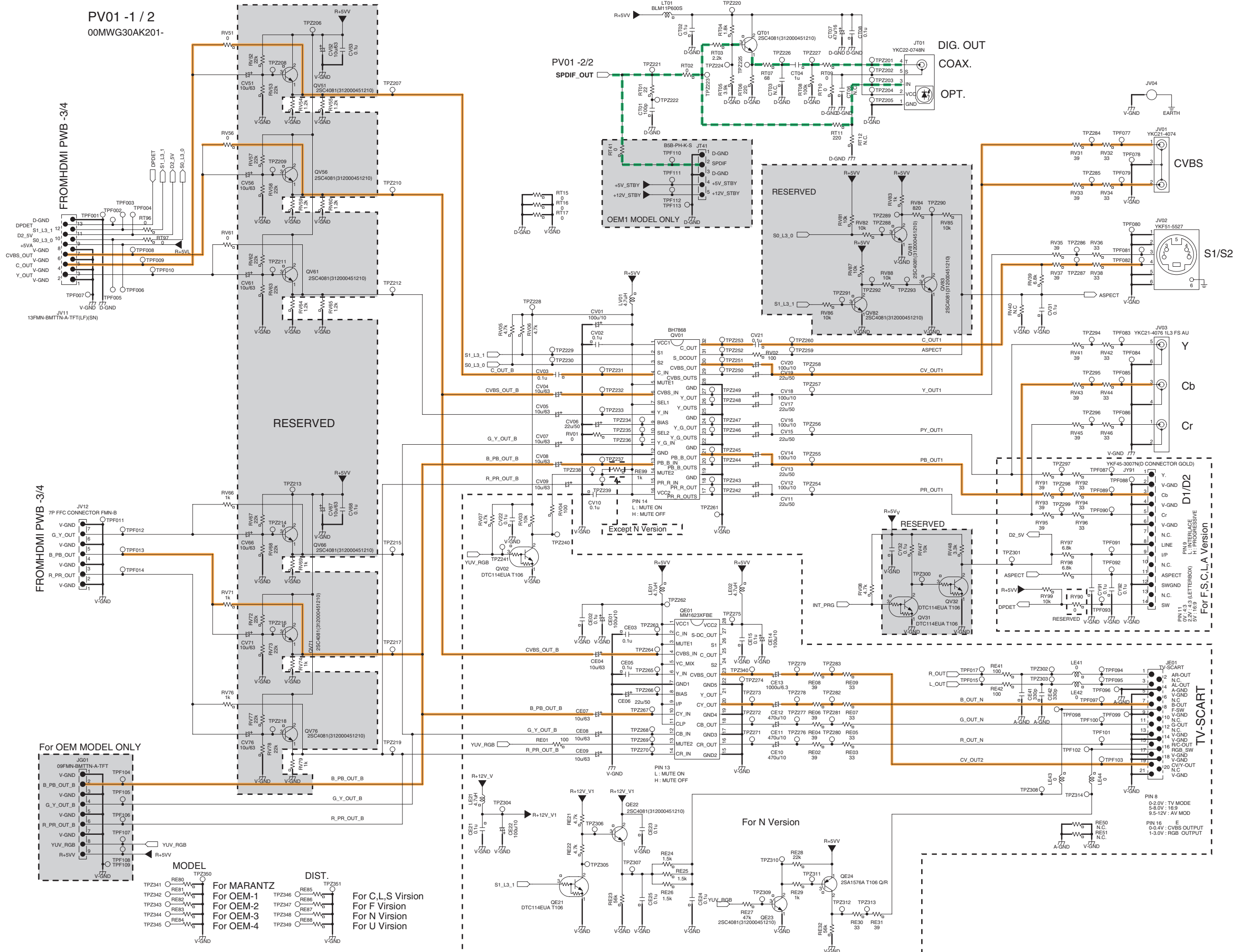
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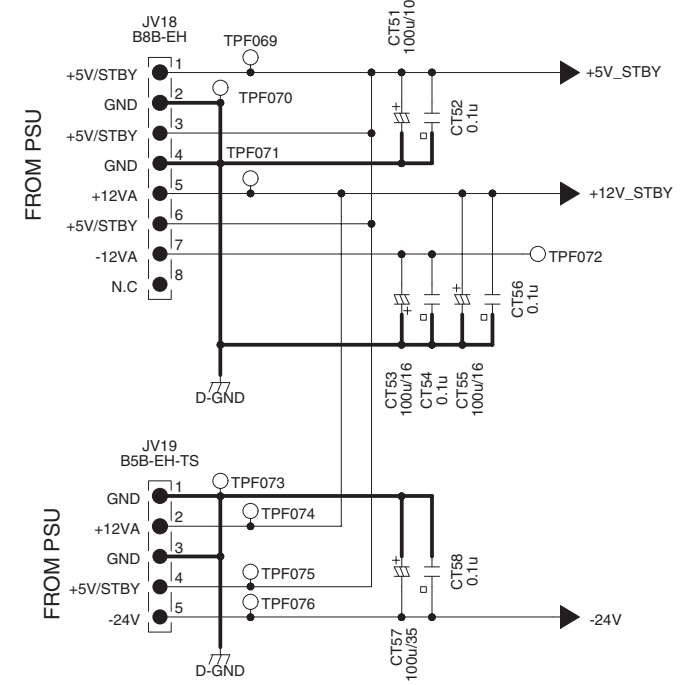
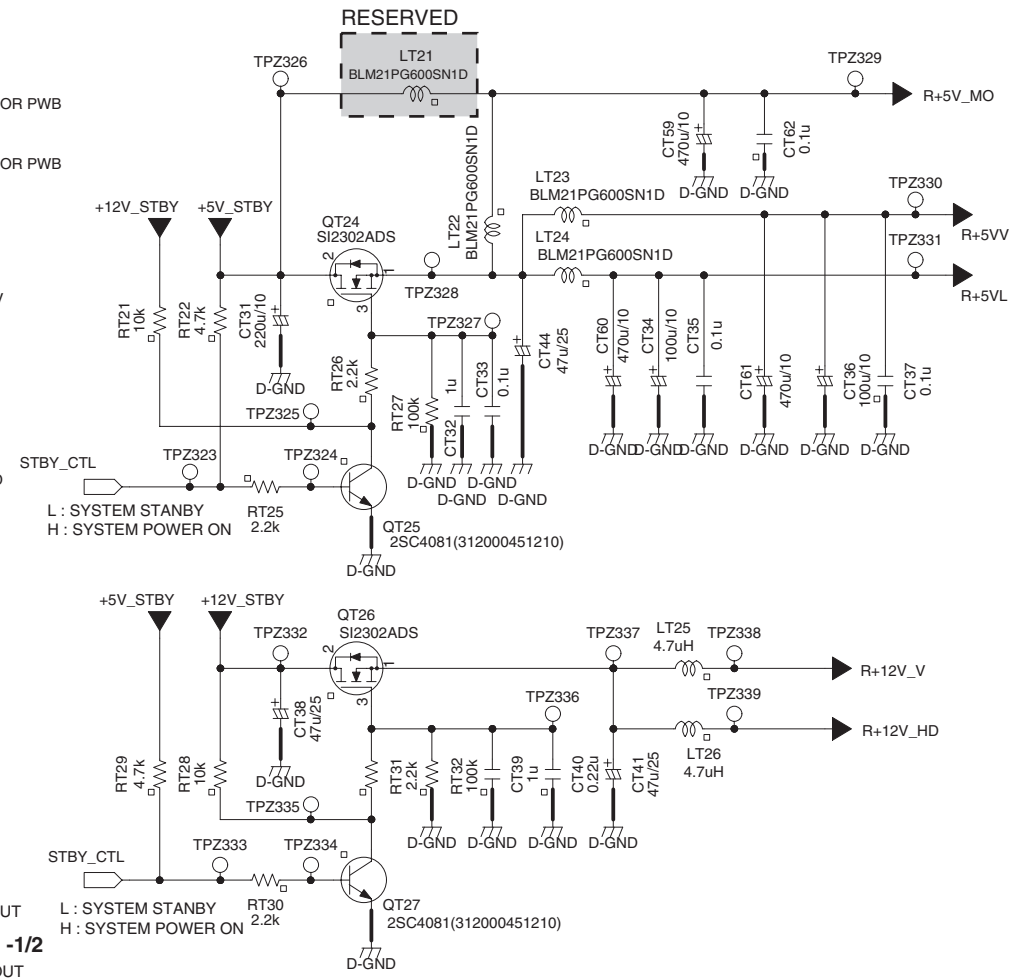
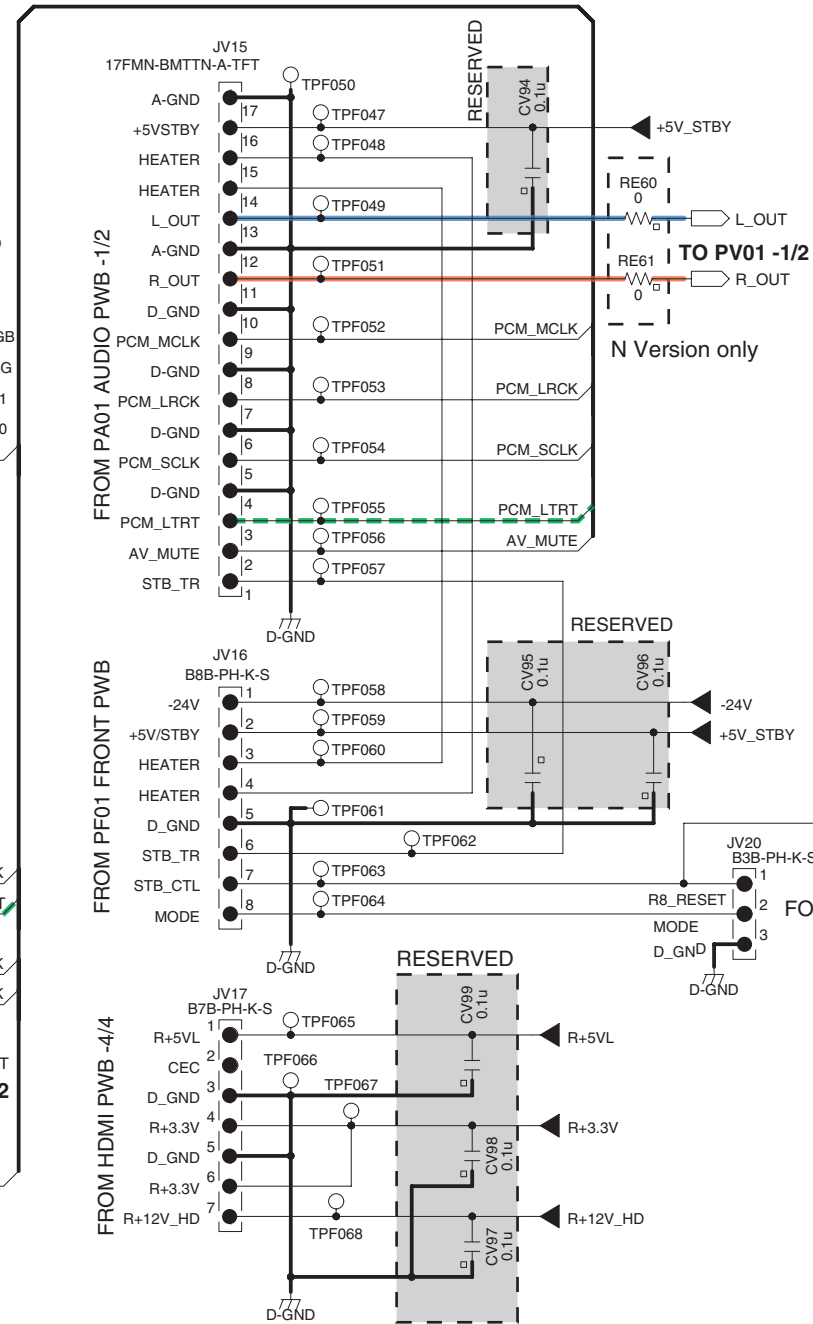
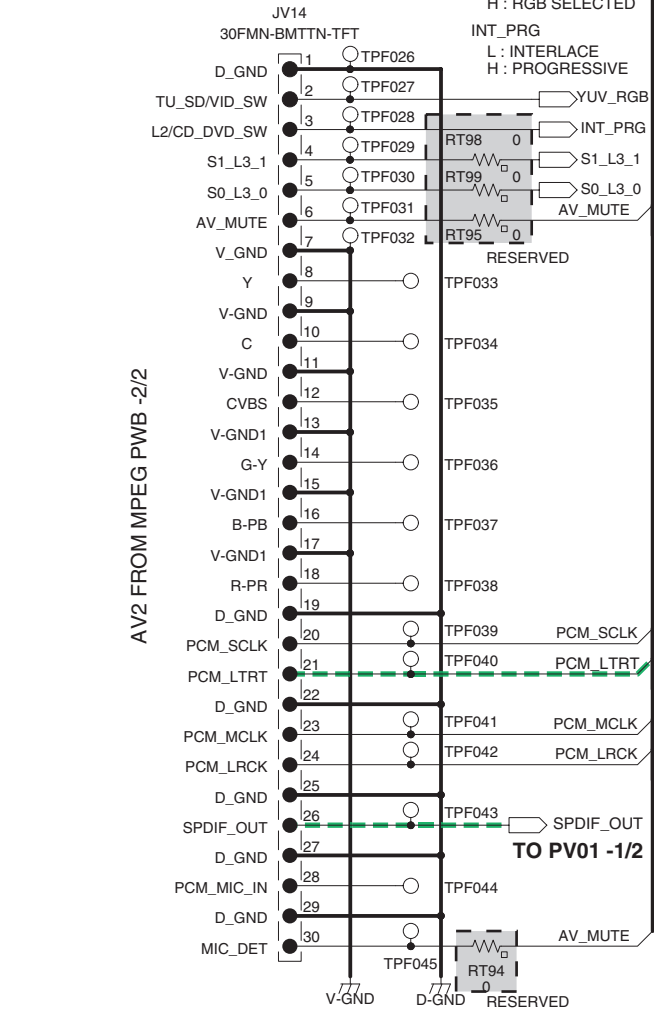
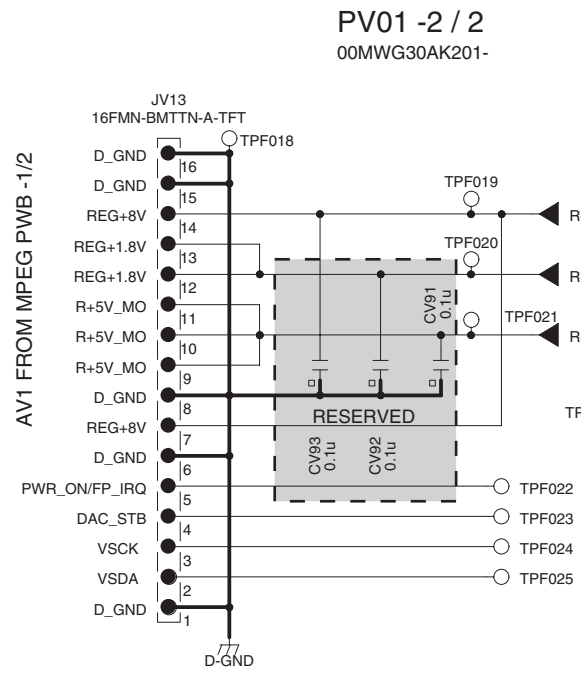


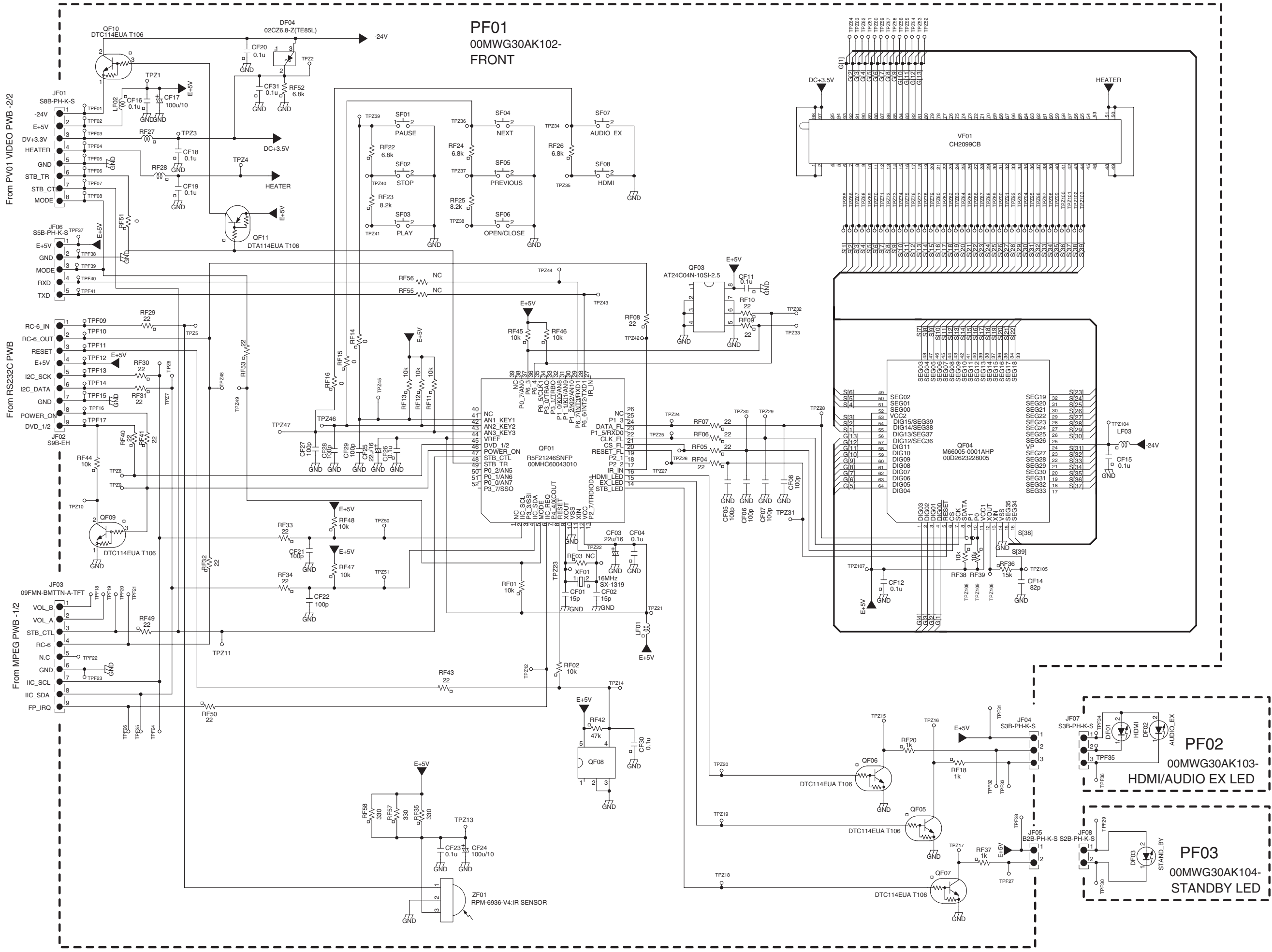
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00MWG30AK101-



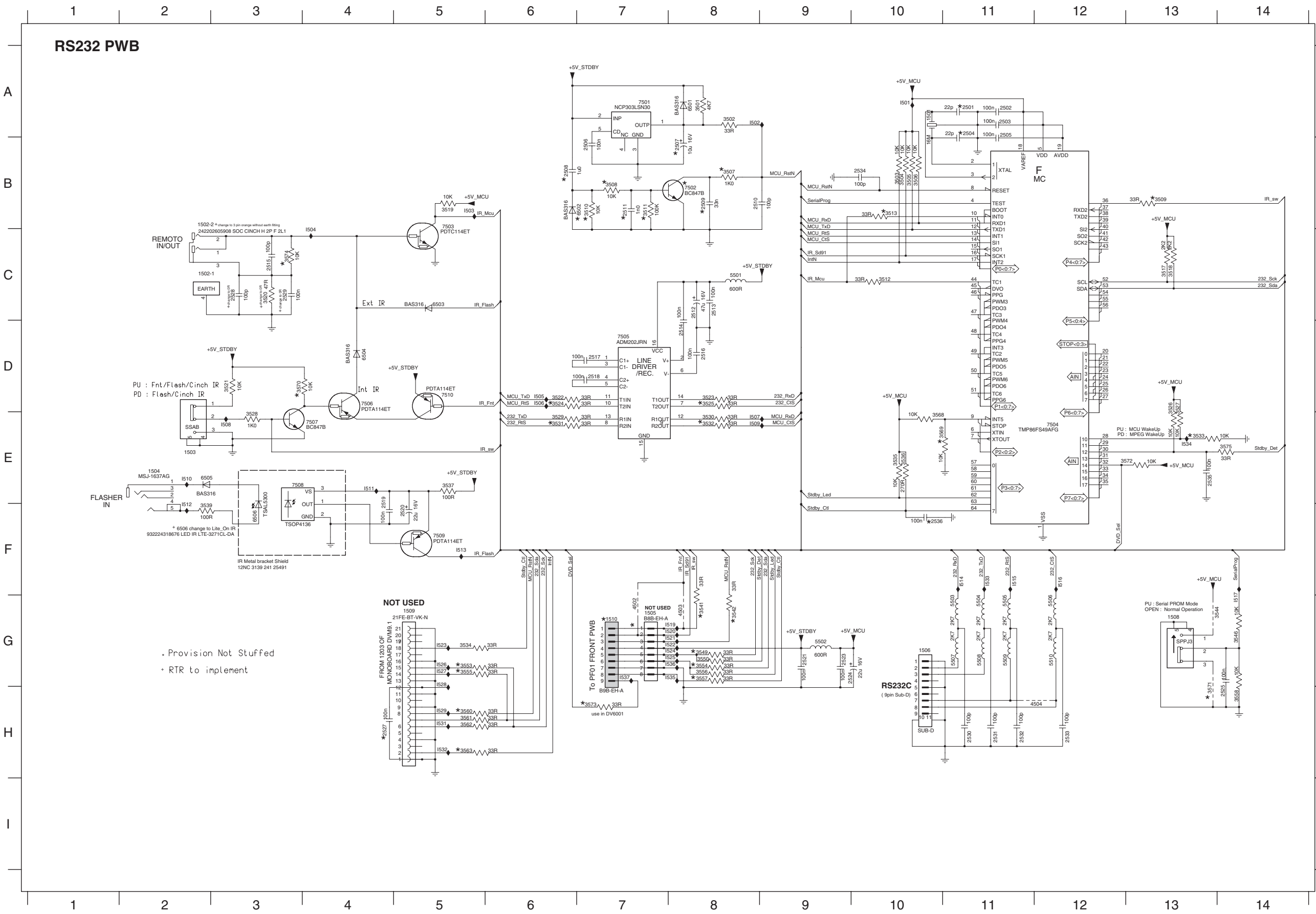
PV01 -1 / 2
00MWM30AK201-



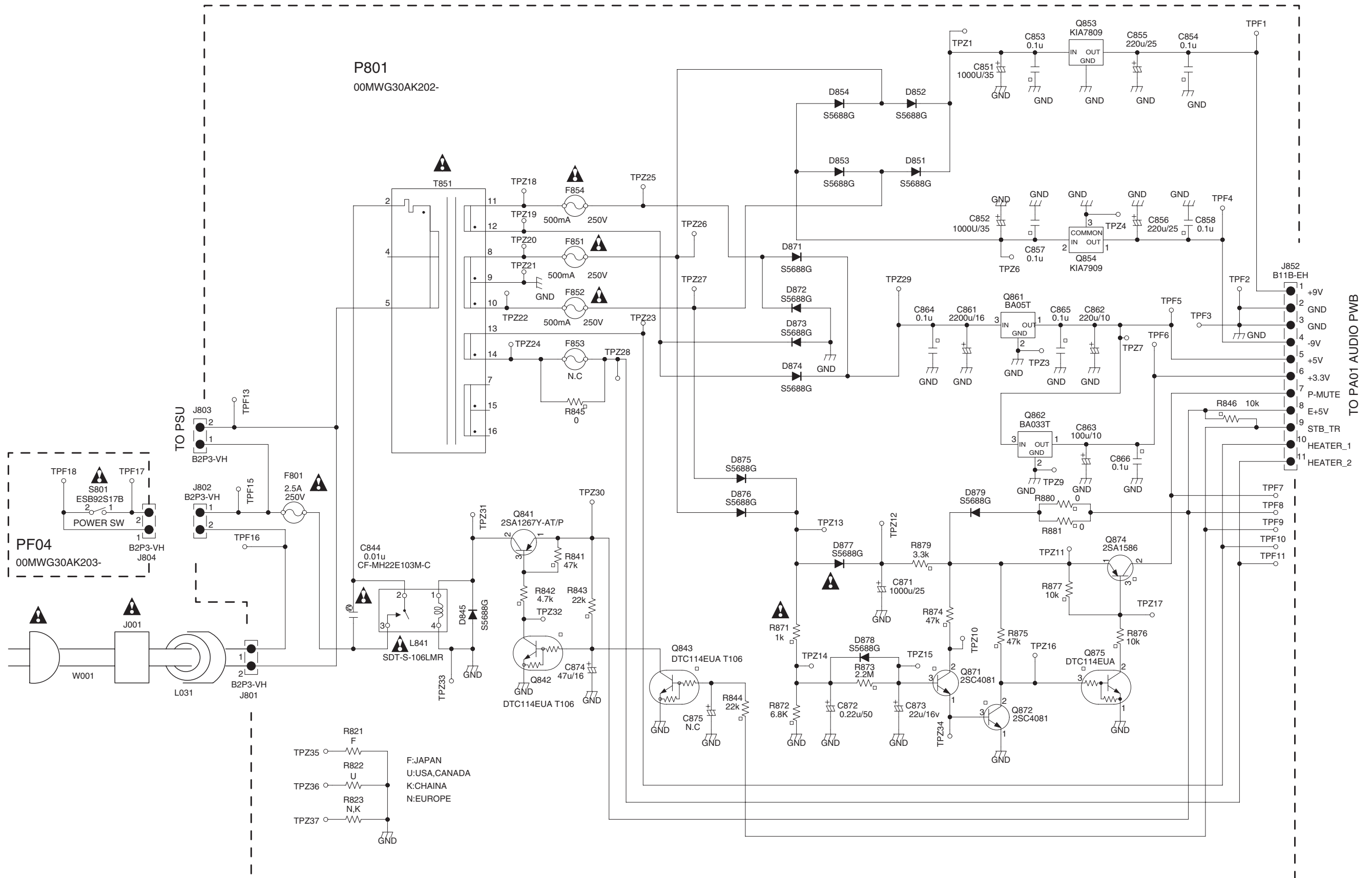





RS232 PWB

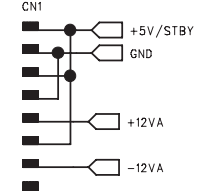
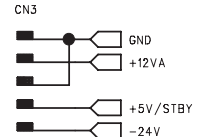
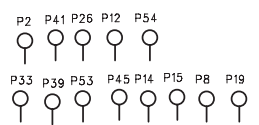
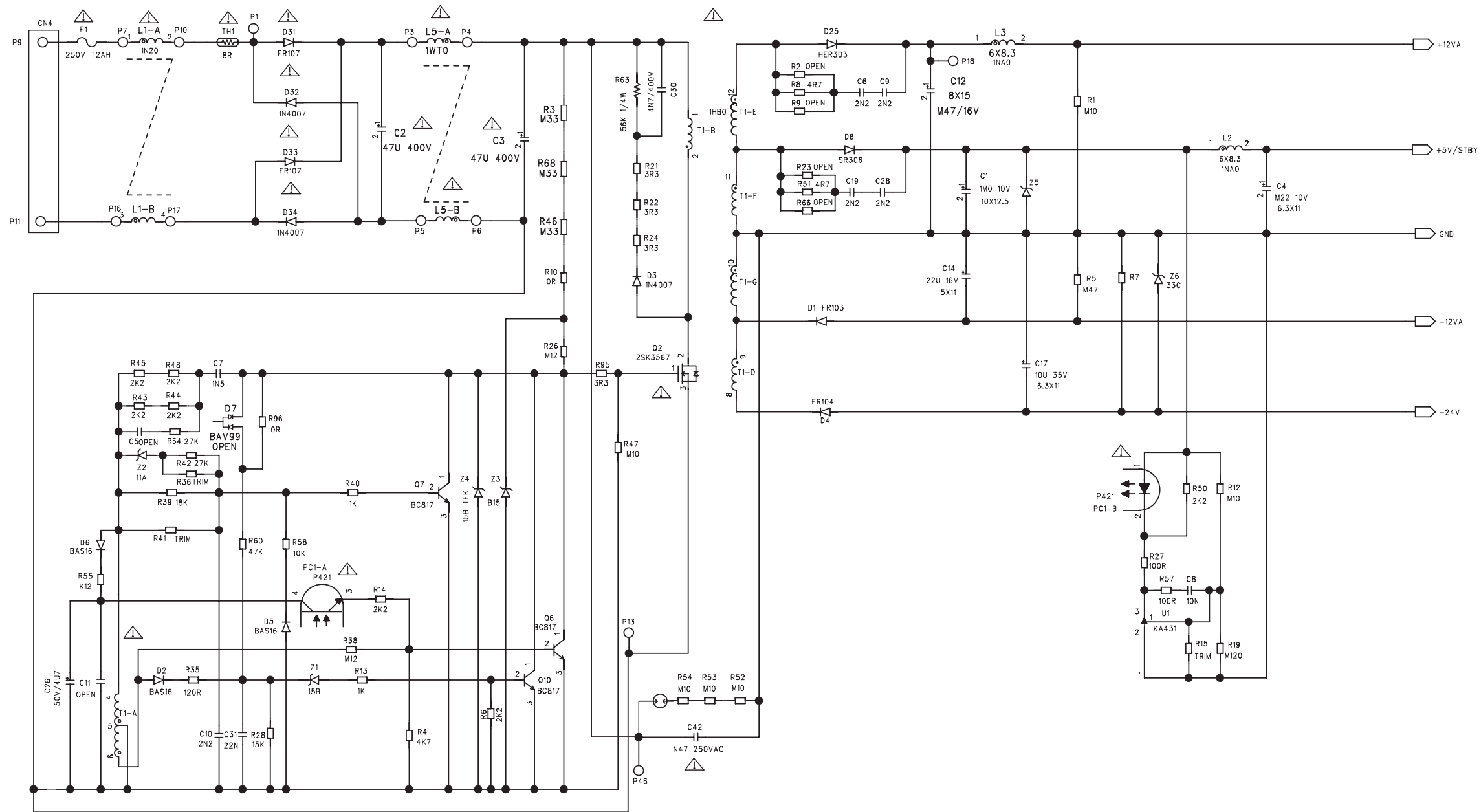


1501 A10	5508 G11
1502-1 C2	5509 G11
1502-2 B2	5510 G12
1503 E2	6501 A8
1504 E2	6502 B7
1505 G7	6503 C5
1506 G10	6504 D4
1508 G13	6505 E2
1509 G5	6506 F3
1510 G7	7501 A7
2501 A11	7502 B8
2502 A11	7503 B5
2503 A11	7504 E12
2504 A11	7505 D7
2505 A11	7506 D4
2506 B7	7507 E4
2507 B8	7508 E3
2508 B6	7509 F5
2509 B8	7510 D5
2510 B8	1501 A10
2511 B7	1502 A8
2512 C8	1503 B5
2513 C8	1504 C4
2514 D8	1505 D6
2515 C3	1506 D6
2516 D8	1507 E8
2517 D7	1508 E3
2518 D7	1509 E8
2519 E4	1510 E2
2521 G9	1511 E4
2523 G9	1512 F2
2524 G10	1513 F5
2525 H14	1514 F11
2527 H4	1515 F11
2528 C3	1516 F12
2529 C3	1517 G14
2529 C3	1518 G8
2530 H11	1519 G8
2531 H11	1520 G8
2532 H11	1521 G8
2533 H12	1522 G5
2534 B10	1523 G5
2535 E13	1524 G8
2536 F10	1525 G8
3501 A8	1526 G5
3502 B8	1527 G5
3503 B10	1528 G5
3504 B10	1529 H5
3505 B10	1530 H5
3506 B10	1531 H5
3507 B8	1532 H5
3508 B7	1533 F11
3509 B13	1534 E13
3510 B7	1535 G8
3511 B7	1536 G8
3512 C10	1537 G7
3513 B10	
3517 C13	
3518 C13	
3519 B5	
3520 C3	
3521 D3	
3522 D6	
3523 D8	
3524 D6	
3525 D8	
3526 D13	
3527 D13	
3528 E3	
3529 E8	
3530 E8	
3531 E6	
3532 E8	
3533 E13	
3534 G5	
3535 E10	
3536 E10	
3537 E5	
3539 F2	
3541 G8	
3542 G8	
3544 G14	
3546 G14	
3549 G8	
3550 G8	
3553 G5	
3554 G8	
3555 G5	
3556 G8	
3557 G8	
3558 H14	
3560 H5	
3561 H5	
3562 H5	
3563 H5	
3568 E10	
3569 E11	
3570 D3	
3571 H13	
3572 E13	
3573 H7	
3574 C3	
3575 E14	
4502 G7	
4503 G8	
4504 H12	
5501 C8	
5502 G9	
5503 G11	
5504 G11	
5505 G11	
5506 G12	
5507 G11	



NOTE ON SAFETY
 The parts marked with  are important parts on the safety. Please use the parts having the designated parts number without fail

PSU



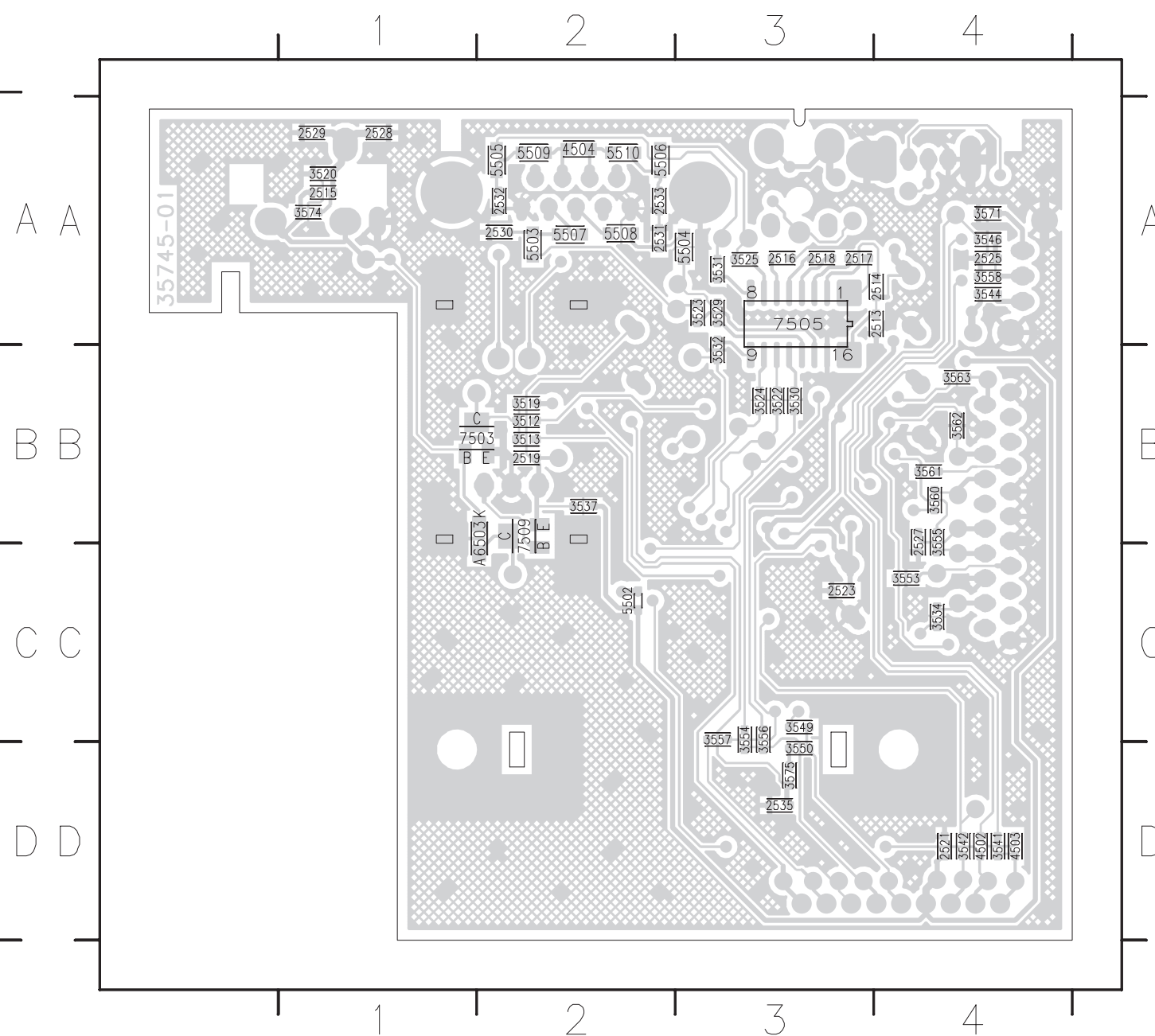
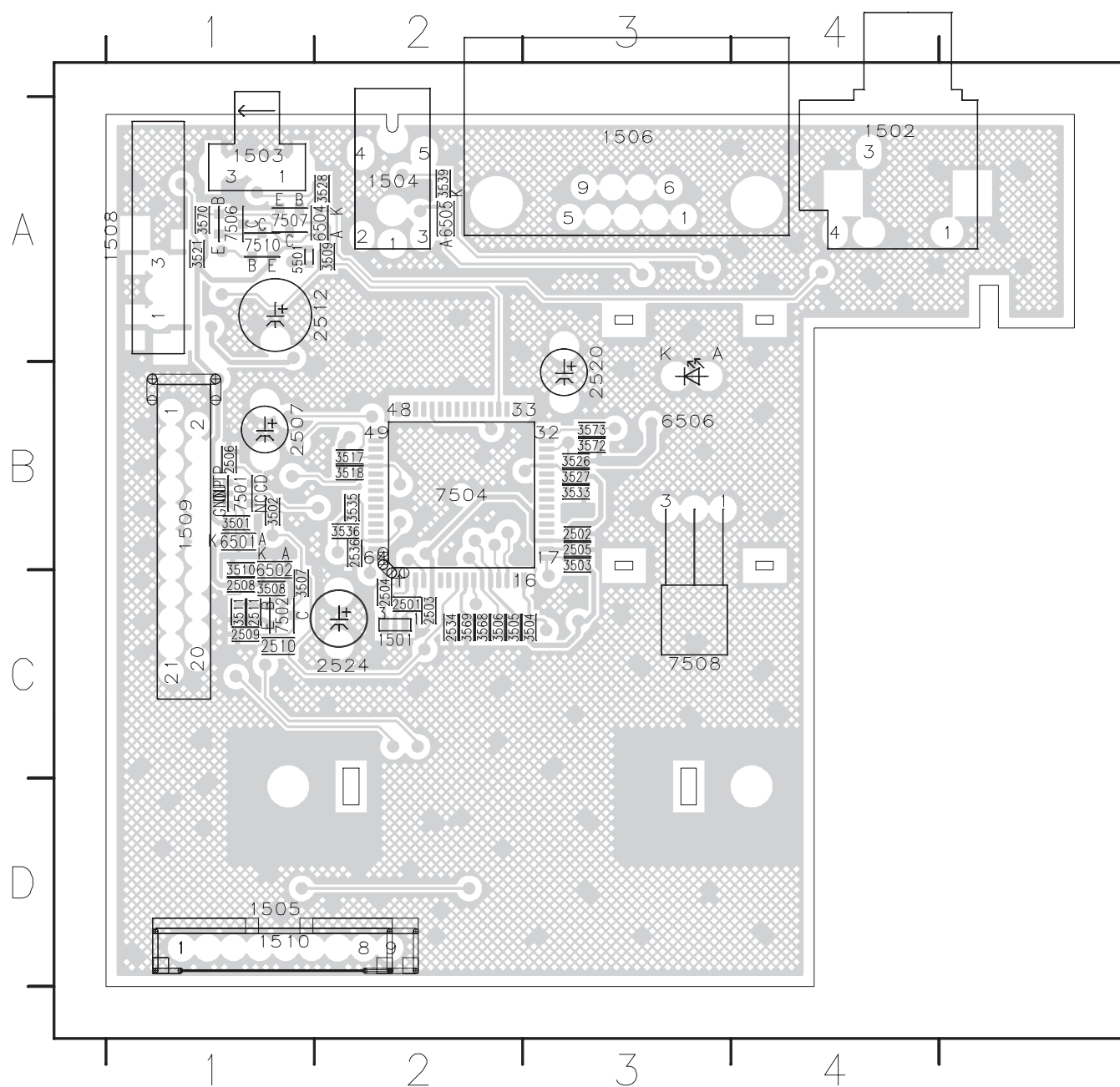
13. PARTS LOCATION

RS232 PWB (A)

1501 C2	2502 B3	2512 A2	3506 C2	3527 B3	3573 B3	7506 A1
1502 A4	2503 C2	2520 B3	3507 C1	3528 A2	5501 A1	7507 A1
1503 A1	2504 C2	2524 C2	3508 C1	3533 B3	6501 B1	7508 C3
1504 A2	2505 B3	2534 C2	3509 A2	3535 B2	6502 B1	7510 A1
1505 D1	2506 B1	2536 B2	3510 B1	3536 B2	6504 A2	
1506 A3	2507 B1	3501 B1	3511 C1	3539 A2	6505 A2	
1508 A1	2508 C1	3502 B1	3517 B2	3568 C2	6506 B3	
1509 B1	2509 C1	3503 B3	3518 B2	3569 C2	7501 B1	
1510 D1	2510 C1	3504 C3	3521 A1	3570 A1	7502 C1	
2501 C2	2511 C1	3505 C2	3526 B3	3572 B3	7504 B2	

RS232 PWB (B)

2513 A4	2527 B4	3519 B2	3534 C4	3555 B4	3575 D3	5508 A2
2514 A4	2528 A1	3520 A1	3537 B2	3556 C3	4502 D4	5509 A2
2515 A1	2529 A1	3522 B3	3541 D4	3557 C3	4503 D4	5510 A2
2516 A3	2530 A2	3523 A3	3542 D4	3558 A4	4504 A2	6503 B2
2517 A3	2531 A2	3524 B3	3544 A4	3560 B4	5502 C2	7503 B1
2518 A3	2532 A2	3525 A3	3546 A4	3561 B4	5503 A2	7505 A3
2519 B2	2533 A2	3529 A3	3549 C3	3562 B4	5504 A3	7509 B2
2521 D4	2535 D3	3530 B3	3550 D3	3563 B4	5505 A2	
2523 C3	3512 B2	3531 A3	3553 C4	3571 A4	5506 A2	
2525 A4	3513 B2	3532 B3	3554 C3	3574 A1	5507 A2	

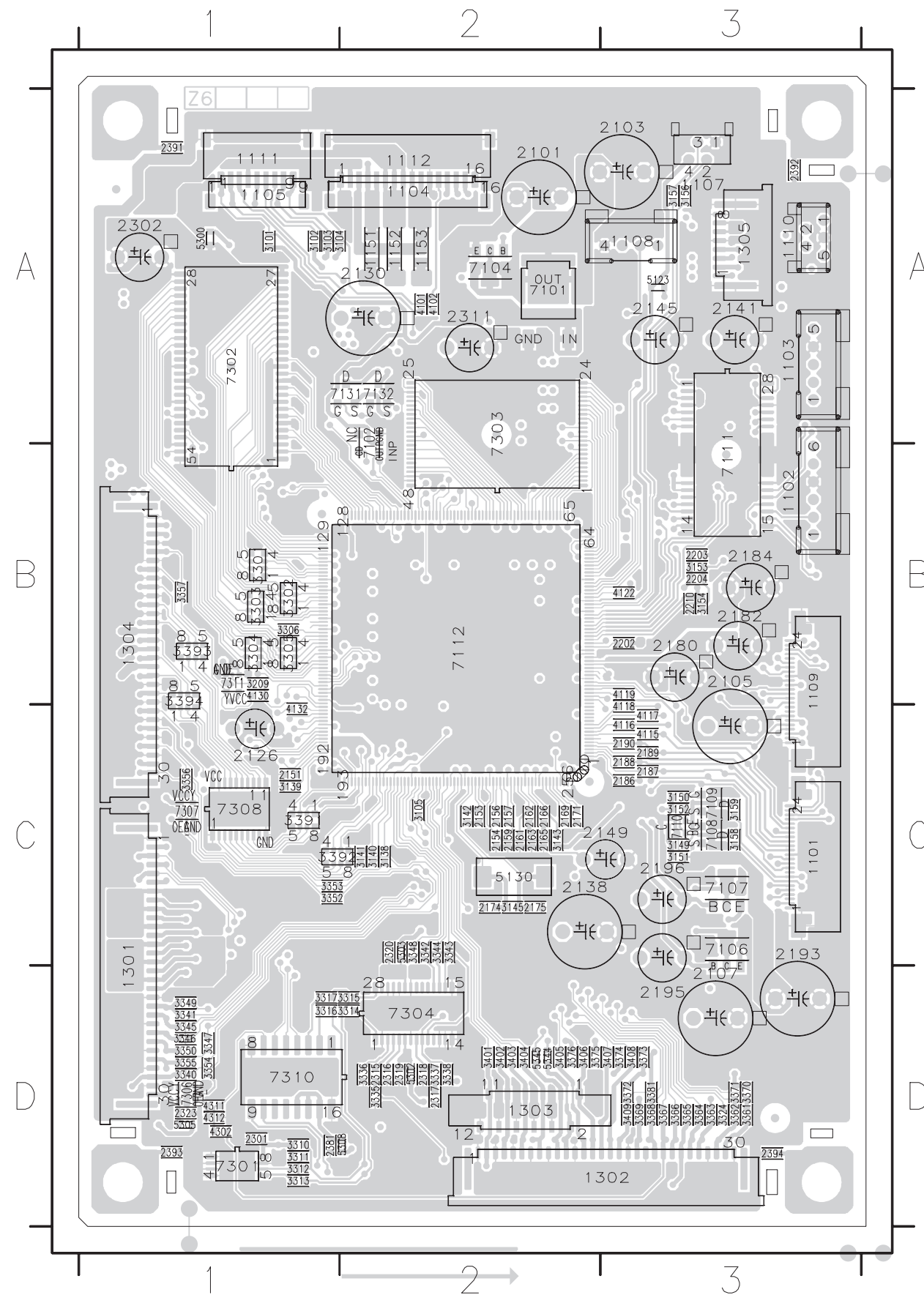


鉛フリー半田
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Lead-free Solder
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MPEG (SD6.3) PWB (A)

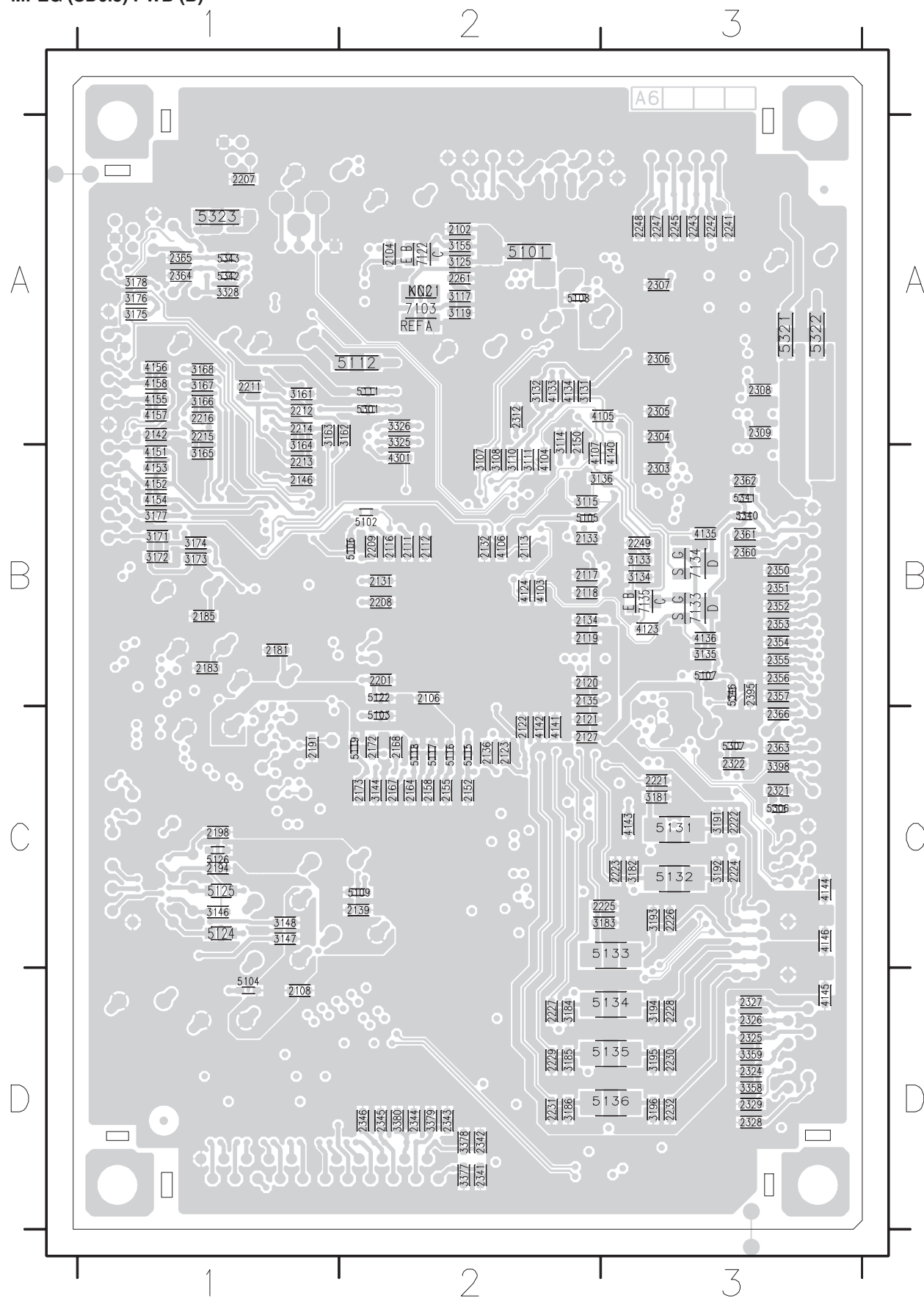
1101	C3	2320	C2	3362	D3	7306	D1
1102	B3	2323	D1	3363	D3	7307	C1
1103	A3	2381	D1	3364	D3	7308	C1
1104	A2	2391	A1	3365	D3	7310	D1
1105	A1	2392	A3	3366	D3	7311	B1
1107	A3	2393	D1	3367	D3		
1108	A3	2394	D3	3368	D3		
1109	B3	3101	A1	3369	D3		
1110	A3	3102	A1	3370	D3		
1111	A1	3103	A1	3371	D3		
1112	A2	3104	A1	3372	D3		
1151	A2	3105	C2	3373	D3		
1152	A2	3138	C2	3374	D3		
1153	A2	3139	C1	3375	D2		
1301	D1	3140	C2	3376	D2		
1302	D3	3141	C2	3381	D3		
1303	D2	3142	C2	3391	C1		
1304	B1	3143	C2	3392	C1		
1305	A3	3145	C2	3393	B1		
2101	A2	3149	C3	3394	B1		
2103	A3	3150	C3	3401	D2		
2105	B3	3151	C3	3402	D2		
2107	D3	3152	C3	3403	D2		
2126	C1	3153	B3	3404	D2		
2130	A2	3154	B3	3405	D2		
2138	C2	3156	A3	3406	D2		
2141	A3	3157	A3	3407	D3		
2145	A3	3158	C3	3408	D3		
2149	C3	3159	C3	3409	D3		
2151	C1	3209	B1	4101	A2		
2153	C2	3301	B1	4102	A2		
2154	C2	3302	B1	4115	C3		
2156	C2	3303	B1	4116	C3		
2157	C2	3304	B1	4117	C3		
2159	C2	3305	B1	4118	C3		
2161	C2	3306	B1	4119	B3		
2162	C2	3310	D1	4122	B3		
2163	C2	3311	D1	4130	B1		
2165	C2	3312	D1	4132	C1		
2166	C2	3313	D1	4302	D1		
2169	C2	3314	D2	4311	D1		
2171	C2	3315	D2	4312	D1		
2174	C2	3316	D1	5123	A3		
2175	C2	3317	D1	5130	C2		
2180	B3	3324	D3	5300	A1		
2182	B3	3335	D2	5302	D2		
2184	B3	3336	D2	5303	C2		
2186	C3	3337	D2	5305	D1		
2187	C3	3338	D2	5308	D2		
2188	C3	3340	D1	5344	D2		
2189	C3	3341	D1	5345	D2		
2190	C3	3342	C2	7101	A2		
2193	C3	3343	C2	7102	A2		
2195	D3	3344	C2	7104	A2		
2196	C3	3345	D1	7106	C3		
2202	B3	3346	D1	7107	C3		
2203	B3	3347	D1	7108	C3		
2204	B3	3348	C2	7109	C3		
2210	B3	3349	D1	7110	C3		
2301	D1	3350	D1	7111	B3		
2302	A1	3352	C1	7112	B2		
2311	A2	3353	C1	7131	A2		
2315	D2	3354	D1	7132	A2		
2316	D2	3355	D1	7301	D1		
2317	D2	3356	C1	7302	A1		
2318	D2	3357	B1	7303	A2		
2319	D2	3361	D3	7304	D2		



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MPEG (SD6.3) PWB (B)



2102	A2	2248	A3	3167	A1	5109	C2
2104	A2	2249	B3	3168	A1	5111	A2
2106	B2	2261	A2	3171	B1	5112	A2
2108	D1	2303	B3	3172	B1	5115	C2
2111	B2	2304	A3	3173	B1	5116	C2
2112	B2	2305	A3	3174	B1	5117	C2
2113	B2	2306	A3	3175	A1	5118	C2
2116	B2	2307	A3	3176	A1	5119	C2
2117	B2	2308	A3	3177	B1	5122	B2
2118	B2	2309	A3	3178	A1	5124	C1
2119	B2	2312	A2	3181	C3	5125	C1
2120	B2	2321	C3	3182	C3	5126	C1
2121	C2	2322	C3	3183	C3	5131	C3
2122	C2	2324	D3	3184	D2	5132	C3
2123	C2	2325	D3	3185	D2	5133	C3
2127	C2	2326	D3	3186	D2	5134	D3
2131	B2	2327	D3	3191	C3	5135	D3
2132	B2	2328	D3	3192	C3	5136	D3
2133	B2	2329	D3	3193	C3	5301	A2
2134	B2	2341	D2	3194	D3	5306	C3
2135	B2	2342	D2	3195	D3	5307	C3
2136	C2	2343	D2	3196	D3	5321	A3
2139	C2	2344	D2	3325	A2	5322	A3
2142	A1	2345	D2	3326	A2	5323	A1
2146	B1	2346	D2	3328	A1	5340	B3
2150	A2	2350	B3	3358	D3	5341	B3
2152	C2	2351	B3	3359	D3	5342	A1
2155	C2	2352	B3	3377	D2	5343	A1
2158	C2	2353	B3	3378	D2	5346	B3
2164	C2	2354	B3	3379	D2	7103	A2
2167	C2	2355	B3	3380	D2	7122	A2
2168	C2	2356	B3	3398	C3	7133	B3
2172	C2	2357	B3	4103	B2	7134	B3
2173	C2	2360	B3	4104	B2	7135	B3
2181	B1	2361	B3	4105	A3		
2183	B1	2362	B3	4106	B2		
2185	B1	2363	C3	4107	B2		
2191	C1	2364	A1	4123	B3		
2194	C1	2365	A1	4124	B2		
2198	C1	2366	C3	4133	A2		
2201	B2	2395	B3	4134	A2		
2207	A1	3107	B2	4135	B3		
2208	B2	3108	B2	4136	B3		
2209	B2	3110	B2	4140	B3		
2211	A1	3111	B2	4141	C2		
2212	A1	3114	A2	4142	C2		
2213	B1	3115	B2	4143	C3		
2214	A1	3117	A2	4144	C3		
2215	A1	3119	A2	4145	D3		
2216	A1	3125	A2	4146	C3		
2221	C3	3131	A2	4151	B1		
2222	C3	3132	A2	4152	B1		
2223	C3	3133	B3	4153	B1		
2224	C3	3134	B3	4154	B1		
2225	C3	3135	B3	4155	A1		
2226	C3	3136	B3	4156	A1		
2227	D2	3144	C2	4157	A1		
2228	D3	3146	C1	4158	A1		
2229	D2	3147	C1	4301	B2		
2230	D3	3148	C1	5101	A2		
2231	D2	3155	A2	5102	B2		
2232	D3	3161	A1	5103	C2		
2241	A3	3162	A2	5104	D1		
2242	A3	3163	A1	5105	B2		
2243	A3	3164	B1	5106	B2		
2245	A3	3165	B1	5107	B3		
2247	A3	3166	A1	5108	A2		

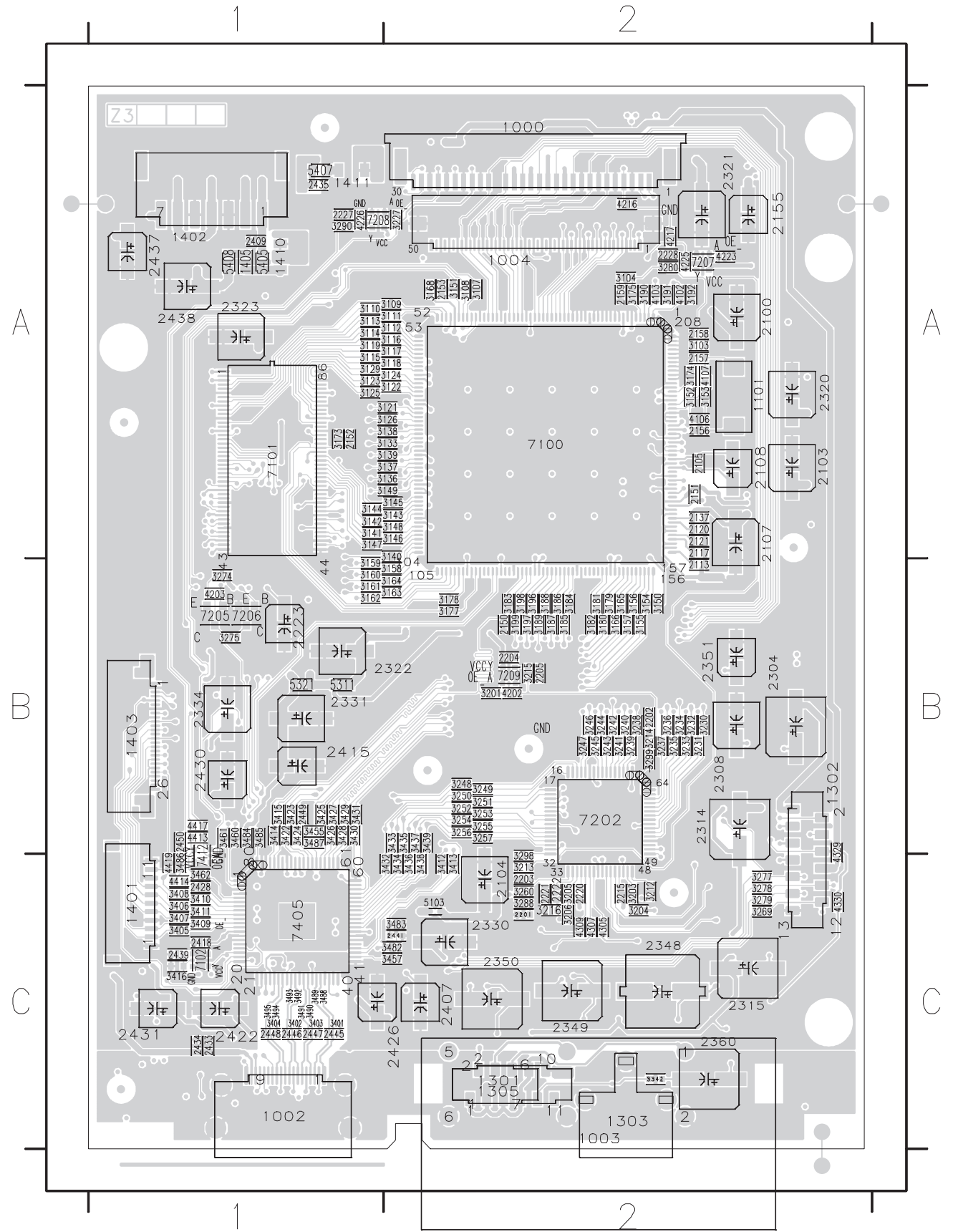
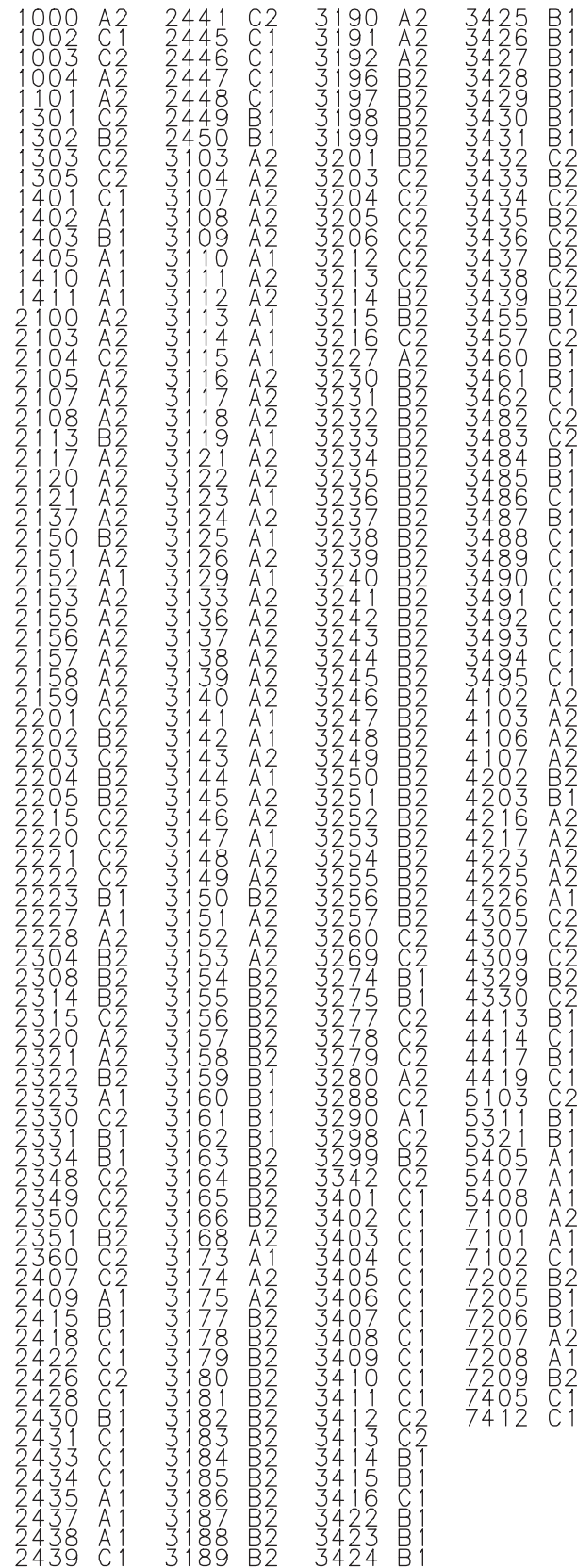
鉛フリー半田

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HDMI PWB (A)



鉛フリー半田
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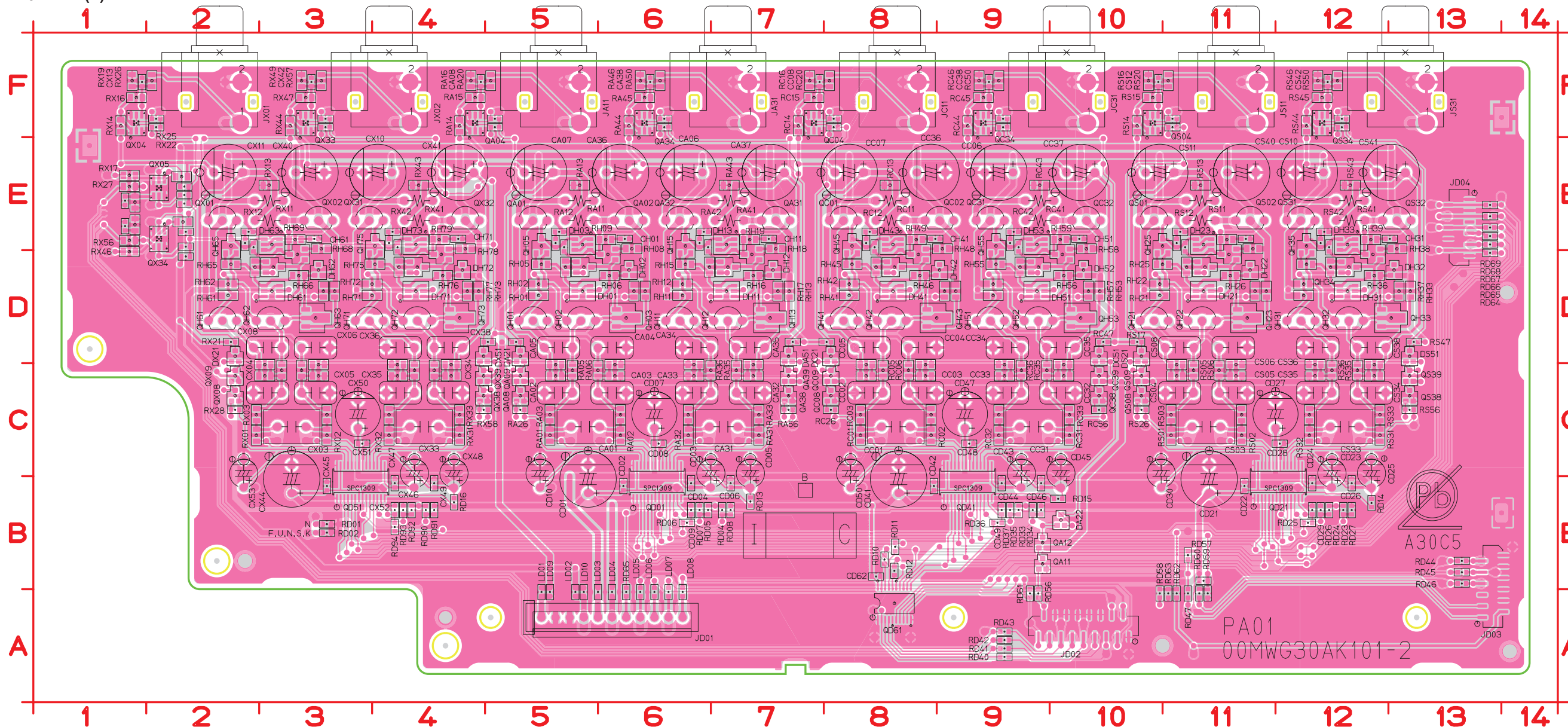
PA01 PWB (A)

CA01	C5	CH21	E11	DH21	D11	QD21	B12	QX09	C2	RC19	F8	RD66	E13	RH64	D2	RX11	E2
CA02	C5	CH22	E11	DH22	D11	QD41	B9	QX31	E3	RC20	F8	RD67	E13	RH65	D2	RX12	E2
CA03	C6	CH31	E13	DH23	E11	QD51	B3	QX32	E4	RC26	C8	RD68	E13	RH66	D3	RX13	E3
CA04	D6	CH32	E12	DH31	D12	QD61	A8	QX33	F3	RC31	C10	RD69	E13	RH67	D3	RX14	F1
CA05	D5	CH41	E8	DH32	D13	QH01	D5	QX34	E2	RC32	C9	RD85	A6	RH68	E3	RX15	E2
CA06	E6	CH42	E8	DH33	E12	QH02	D5	QX38	C4	RC33	C10	RD90	B4	RH69	E3	RX16	F1
CA07	E5	CH51	E10	DH41	D8	QH03	D6	QX39	C4	RC34	C9	RD91	B4	RH71	D4	RX17	E1
CA08	F4	CH52	E9	DH42	D9	QH04	D5	RA01	C5	RC35	C9	RD92	B4	RH72	D4	RX18	E1
CA31	C7	CH61	E3	DH43	E8	QH05	E5	RA02	C6	RC36	C9	RD93	B4	RH73	D4	RX19	F1
CA32	C7	CH62	E2	DH51	D9	QH06	D6	RA03	C5	RC37	C10	RD94	B4	RH74	D4	RX20	E2
CA33	C6	CH71	E4	DH52	D10	QH11	D6	RA04	C6	RC38	C10	RH01	D5	RH75	D4	RX21	D2
CA34	D7	CH72	E4	DH53	E9	QH12	D7	RA05	C5	RC39	C9	RH02	D5	RH76	D4	RX22	F2
CA35	D7	CS03	C11	DH61	D3	QH13	D7	RA06	C6	RC40	C9	RH03	D6	RH77	D4	RX23	E2
CA36	E6	CS04	C11	DH62	D3	QH14	D7	RA07	C5	RC41	E9	RH04	D5	RH78	E4	RX24	E2
CA37	E7	CS05	C11	DH63	E3	QH15	E6	RA08	C5	RC42	E9	RH05	D5	RH79	E4	RX25	F2
CA38	F6	CS06	D11	DH71	D4	QH16	D7	RA09	C6	RC43	E9	RH06	D6	RS01	C11	RX26	F2
CC01	C8	CS08	D11	DH72	D4	QH21	D10	RA10	C6	RC44	F9	RH07	D6	RS02	C11	RX27	E1
CC02	C8	CS10	E12	DH73	E4	QH22	D11	RA11	E5	RC45	F9	RH08	E6	RS03	C11	RX28	C2
CC03	C9	CS11	E11	DS21	D10	QH23	D11	RA12	E5	RC46	F9	RH09	E6	RS04	C11	RX31	C4
CC04	D8	CS12	F10	DS51	D13	QH24	D11	RA13	E5	RC47	D10	RH11	D6	RS05	C11	RX32	C4
CC05	D8	CS33	C12	DX21	D2	QH25	E11	RA14	F4	RC48	F9	RH12	D6	RS06	C11	RX33	C4
CC06	E9	CS34	C12	DX51	D4	QH26	D11	RA15	F4	RC49	F9	RH13	D7	RS07	C11	RX34	C4
CC07	E8	CS35	C12	JA11	F5	QH31	D12	RA16	F4	RC50	F9	RH14	D6	RS08	C11	RX35	C4
CC08	F7	CS36	D12	JA31	F7	QH32	D12	RA17	D5	RC56	C10	RH15	D6	RS09	C11	RX36	C4
CC31	C9	CS38	D12	JC11	F8	QH33	D13	RA18	F5	RD01	B3	RH16	D7	RS10	C11	RX37	C4
CC32	C9	CS40	E11	JC31	F10	QH34	D12	RA19	F5	RD02	B3	RH17	D7	RS11	E11	RX38	C4
CC33	C9	CS41	E13	JD01	A5	QH35	E12	RA20	F5	RD04	B7	RH18	E7	RS12	E11	RX39	C4
CC34	D9	CS42	F12	JD02	A10	QH36	D12	RA26	C5	RD05	B6	RH19	E7	RS13	E11	RX40	C4
CC35	D10	CX03	C3	JD03	B13	QH41	D8	RA31	C7	RD06	B6	RH21	D10	RS14	F10	RX41	E4
CC36	E9	CX04	C3	JD04	E13	QH42	D8	RA32	C6	RD07	B6	RH22	D10	RS15	F10	RX42	E4
CC37	E10	CX05	C3	JS11	F11	QH43	D9	RA33	C7	RD08	B7	RH23	D11	RS16	F10	RX43	E4
CC38	F9	CX06	D3	JS31	F13	QH44	D8	RA34	C6	RD10	B8	RH24	D11	RS17	D10	RX44	F3
CD01	B5	CX08	D2	JX01	F2	QH45	E8	RA35	C7	RD11	B8	RH25	D11	RS18	F11	RX45	E2
CD02	B6	CX10	E4	JX02	F4	QH46	D8	RA36	C7	RD12	B8	RH26	D11	RS19	F11	RX46	D1
CD03	B7	CX11	E2	LD01	A5	QH51	D9	RA37	C7	RD13	B7	RH27	D11	RS20	F11	RX47	F3
CD04	B6	CX12	E1	LD02	A5	QH52	D9	RA38	C7	RD14	B12	RH28	E11	RS26	C10	RX48	E1
CD05	B7	CX13	F1	LD03	A6	QH53	D10	RA39	C6	RD15	B10	RH29	E11	RS31	C12	RX49	F3
CD06	B7	CX33	C4	LD04	A6	QH54	D9	RA40	C6	RD16	B4	RH31	D12	RS32	C12	RX50	D2
CD07	C6	CX34	C4	LD05	A6	QH55	E9	RA41	E7	RD17	B11	RH32	D12	RS33	C12	RX51	D5
CD08	C6	CX35	C4	LD06	A6	QH56	D10	RA42	E7	RD23	B12	RH33	D13	RS34	C12	RX52	E2
CD09	B6	CX36	D4	LD07	A6	QH61	D2	RA43	E7	RD24	B12	RH34	D12	RS35	C12	RX53	F3
CD10	B5	CX38	D4	LD08	A6	QH62	D3	RA44	F6	RD25	B12	RH35	D12	RS36	C12	RX54	F3
CD21	B11	CX40	E3	LD09	A5	QH63	D3	RA45	F6	RD26	B12	RH36	D12	RS37	C12	RX55	E2
CD22	B11	CX41	E4	LD10	A5	QH64	D3	RA46	F6	RD27	B12	RH37	D13	RS38	C12	RX56	E1
CD23	B12	CX42	F3	QA01	E5	QH65	E2	RA47	D7	RD33	B9	RH38	E13	RS39	C12	RX57	F3
CD24	B12	CX43	E1	QA02	E6	QH66	D3	RA48	F6	RD34	B9	RH39	E12	RS40	C12	RX58	C4
CD25	B12	CX44	B3	QA04	F4	QH71	D3	RA49	F6	RD35	B9	RH41	D8	RS41	E12	RX70	E5
CD26	B12	CX45	B3	QA08	C5	QH72	D4	RA50	F6	RD36	B9	RH42	D8	RS42	E12	RX71	E5
CD27	C12	CX46	B4	QA09	C5	QH73	D4	RA56	C7	RD37	B9	RH43	D9	RS43	E12	RX72	E6
CD28	C12	CX47	B4	QA11	B9	QH74	D4	RC01	C8	RD40	A9	RH44	D8	RS44	F12	RX73	E6
CD29	B12	CX48	B4	QA12	B9	QH75	E4	RC02	C8	RD41	A9	RH45	D8	RS45	F12	RX74	E11
CD30	B10	CX49	B4	QA31	E7	QH76	D4	RC03	C8	RD42	A9	RH46	D8	RS46	F12	RX75	E11
CD41	B8	CX50	C3	QA32	E6	QS01	E10	RC04	C8	RD43	A9	RH47	D9	RS47	D13	RX76	E12
CD42	B8	CX51	C3	QA34	F6	QS02	E11	RC05	C8	RD44	B13	RH48	E9	RS48	F12	RX77	E12
CD43	B9	CX52	B4	QA38	C7	QS04	F10	RC06	C8	RD45	B13	RH49	E8	RS49	F12	RX78	E8
CD44	B9	CX53	B2	QA39	C7	QS08	C10	RC07	C8	RD46	B13	RH51	D9	RS50	F12	RX79	E8
CD45	B10	DA21	D5	QC01	E8	QS09	C10	RC08	C8	RD47	A11	RH52	D9	RS56	C13	RX80	E9
CD46	B9	DA22	B10	QC02	E9	QS31	E12	RC09	C8	RD56	A9	RH53	D10	RS55	D10	RX01	C2
CD47	C9	DA51	D7	QC04	F7	QS32	E13	RC10	C8	RD57	B11	RH54	D9	RX02	C3	RX82	E2
CD48	C9	DC21	D8	QC08	C8	QS34	F12	RC11	E8	RD58	A10	RH55	D9	RX03	C2	RX83	E2
CD49	B9	DC51	D10	QC09	C8	QS38	C13	RC12	E8	RD59	A11	RH56	D10	RX04	C3	RX84	E4
CD50	B8	DH01	D5	QC31	E9	QS39	C13	RC13	E8	RD60	A11	RH57	D10	RX05	C3	RX85	E4
CD62	B8	DH02	D6	QC32	E10	QX01	E2	RC14	F7	RD61	A9	RH58	E10	RX06	C3		
CH01	E6	DH03	E5	QC34	F9	QX02	E3	RC15	F7	RD62	A11	RH59	E10	RX07	C3		
CH02	E5	DH11	D7	QC38	C10	QX04	F1	RC16	F7	RD63	A11	RH61	D2	RX08	C3		
CH11	E7	DH12	D7	QC39	C10	QX05	E2	RC17	D8	RD64	D13	RH62	D2	RX09	C3		
CH12	E6	DH13	E7	QD01	B6	QX08	C2	RC18	F8	RD65	E13	RH63	D3	RX10	C3		

鉛フリー半田
 半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
 When soldering, use the Lead-free Solder (Sn-Ag-Cu).

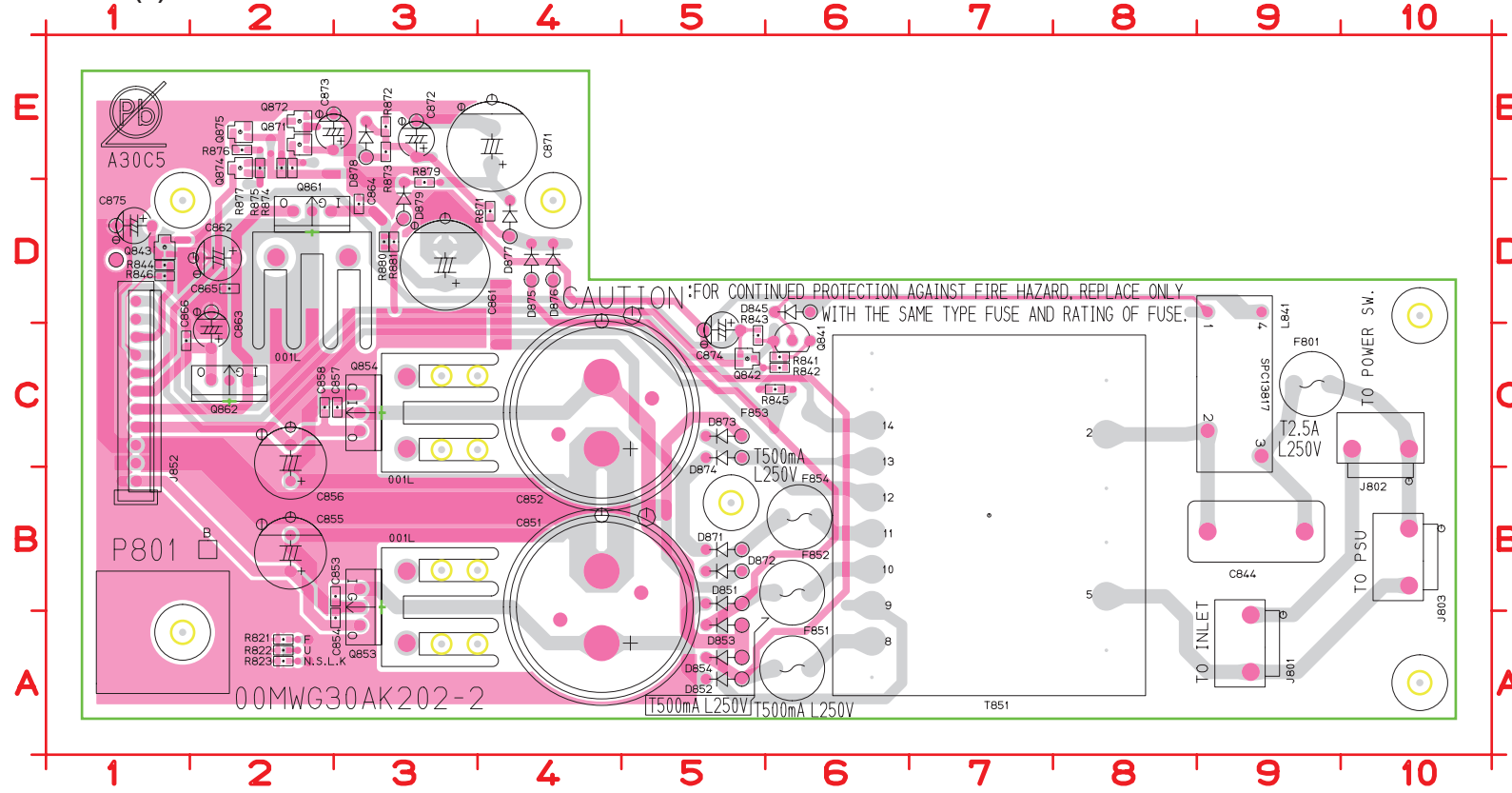
PA01 PWB (A)



鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

P801 PWB (A)



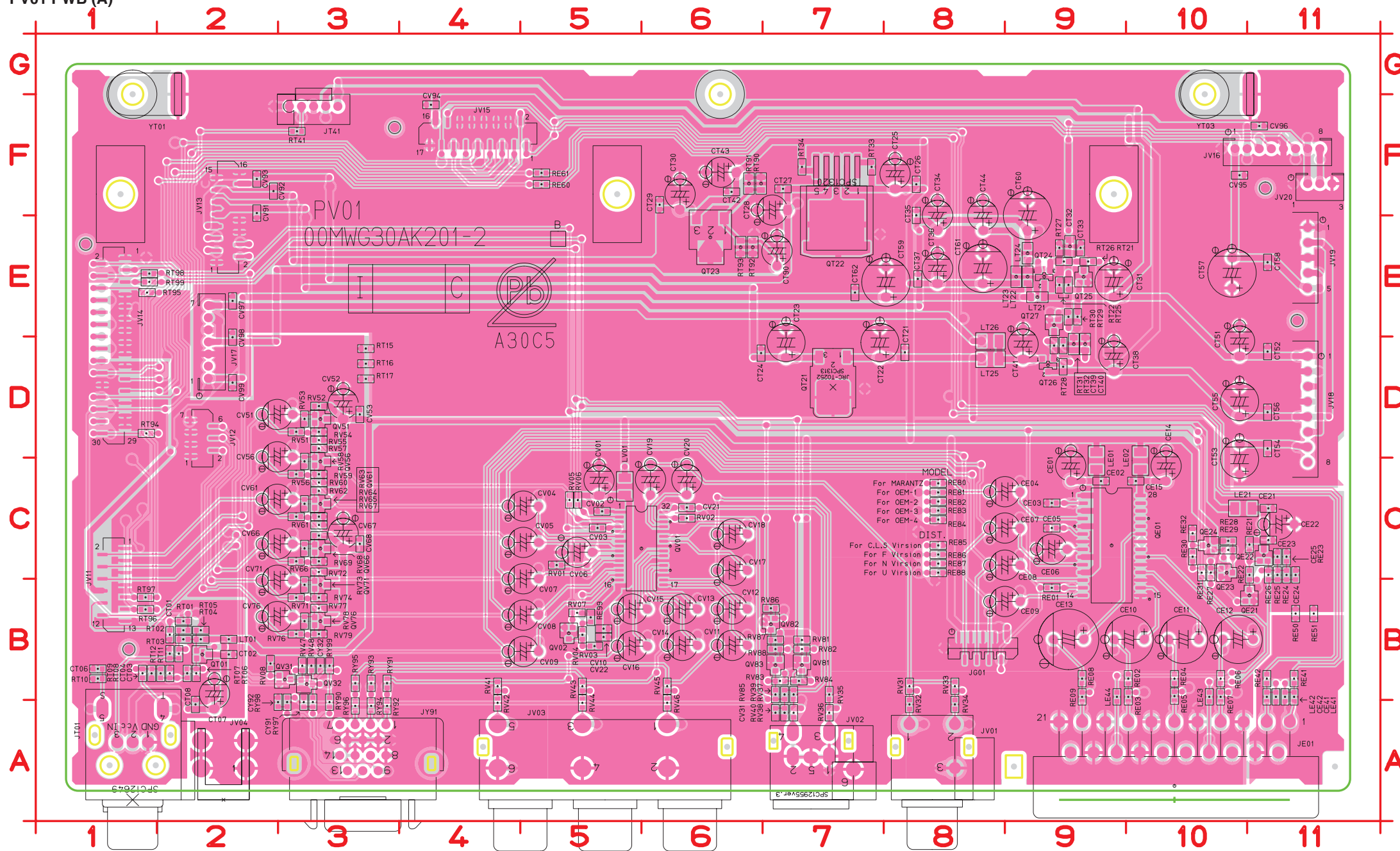
C844	B9	C873	E3	F801	C9	Q871	E2	R875	E2
C851	A4	C874	C5	F851	A6	Q872	E2	R876	E2
C852	C4	C875	D1	F852	B6	Q874	E2	R877	E2
C853	B3	D845	D6	F853	C6	Q875	E2	R879	D3
C854	A3	D851	B5	F854	B6	R821	A2	R880	D3
C855	B2	D852	A5	J801	A9	R822	A2	R881	D3
C856	B2	D853	A5	J802	C10	R823	A2	T851	B7
C857	C3	D854	A5	J803	B10	R841	C6		
C858	C2	D871	B5	J852	B1	R842	C6		
C861	D3	D872	B5	L841	D9	R843	C5		
C862	D2	D873	C5	Q841	C6	R844	D1		
C863	C2	D874	C5	Q842	C5	R845	C6		
C864	D3	D875	D4	Q843	D1	R846	D1		
C865	D2	D876	D4	Q853	B3	R871	D4		
C866	C1	D877	D4	Q854	C3	R872	E3		
C871	E4	D878	E3	Q861	D2	R873	E3		
C872	E3	D879	D3	Q862	C2	R874	E2		

PV01 PWB (A)

CE01	C9	CV02	C5	LE42	B11	RE83	C8	RV45	B6
CE02	C9	CV03	C5	LE43	B10	RE84	C8	RV46	A6
CE03	C9	CV04	C5	LE44	B9	RE85	C8	RV47	B3
CE04	C9	CV05	C5	LT01	B2	RE86	C8	RV48	B3
CE05	C9	CV06	C5	LT21	E9	RE87	C8	RV51	D3
CE06	C9	CV07	C5	LT22	E9	RE88	C8	RV52	D3
CE07	C9	CV08	B5	LT23	E9	RE99	B5	RV53	D3
CE08	C9	CV09	B5	LT24	E9	RT01	B2	RV54	D3
CE09	B9	CV10	B5	LT25	D8	RT02	B2	RV55	D3
CE10	B10	CV11	B6	LT26	D8	RT03	B2	RV56	C3
CE11	B10	CV12	B6	LV01	C5	RT04	B2	RV57	D3
CE12	B11	CV13	B6	QE01	C9	RT05	B2	RV58	C3
CE13	B9	CV14	B6	QE21	B11	RT06	B2	RV59	C3
CE14	C10	CV15	B6	QE22	C11	RT07	B2	RV60	C3
CE15	C10	CV16	B6	QE23	C10	RT08	B1	RV61	C3
CE21	C11	CV17	C6	QE24	C10	RT09	B1	RV62	C3
CE22	C11	CV18	C6	QT01	B2	RT10	B1	RV63	C3
CE23	C11	CV19	C6	QT21	D7	RT11	B2	RV64	C3
CE24	C11	CV20	C6	QT22	F7	RT12	B2	RV65	C3
CE25	C11	CV21	C6	QT23	E6	RT15	D3	RV66	C3
CE41	B11	CV22	B5	QT24	E9	RT16	D3	RV67	C3
CE42	B11	CV31	A7	QT25	E9	RT17	D3	RV68	C3
CT01	B2	CV51	D3	QT26	D9	RT21	E9	RV69	C3
CT02	B2	CV52	D3	QT27	E9	RT22	E9	RV71	B3
CT03	B2	CV53	D3	QV01	C6	RT25	E9	RV72	C3
CT04	B2	CV56	D3	QV02	B5	RT26	E9	RV73	B3
CT06	B1	CV61	C3	QV31	B3	RT27	E9	RV74	B3
CT07	A2	CV66	C3	QV32	B3	RT28	D9	RV76	B3
CT08	A2	CV67	C3	QV51	D3	RT29	E9	RV77	B3
CT21	D8	CV68	C3	QV56	C3	RT30	E9	RV78	B3
CT22	D7	CV71	B3	QV61	C3	RT31	D9	RV79	B3
CT23	D7	CV76	B3	QV66	C3	RT32	D9	RV81	B7
CT24	D6	CV91	F2	QV71	B3	RT33	F7	RV82	B7
CT25	F8	CV92	F2	QV76	B3	RT34	F7	RV83	B7
CT26	F8	CV93	F2	QV81	B7	RT41	F3	RV84	B7
CT27	F7	CV94	F4	QV82	B7	RT90	F6	RV85	B7
CT28	F7	CV95	F10	QV83	B7	RT91	F6	RV86	B7
CT29	F6	CV96	F11	RE01	B9	RT92	E6	RV87	B7
CT30	F6	CV97	E2	RE02	B10	RT93	E6	RV88	B7
CT31	E9	CV98	D2	RE03	B10	RT94	D1	RY90	A3
CT32	E9	CV99	D2	RE04	B10	RT95	E1	RY91	B3
CT33	E9	CY32	B3	RE05	B10	RT96	B1	RY92	A3
CT34	E8	CY91	A3	RE06	B10	RT97	B1	RY93	B3
CT35	F8	CY92	A3	RE07	B10	RT98	E1	RY94	A3
CT36	E8	JE01	A10	RE08	B9	RT99	E1	RY95	B3
CT37	E8	JG01	B8	RE09	B9	RV01	C5	RY96	A3
CT38	D9	JT01	A1	RE21	C11	RV02	C6	RY97	A3
CT39	D9	JT41	F3	RE22	C11	RV03	B5	RY98	A3
CT40	D9	JV01	A8	RE23	C11	RV04	B5	RY99	B3
CT41	D9	JV02	A7	RE24	C11	RV05	C5	YT01	G1
CT42	F6	JV03	A5	RE25	C11	RV06	C5	YT03	G10
CT43	F6	JV04	A2	RE26	C11	RV07	B5		
CT44	E8	JV11	B1	RE27	C10	RV08	B2		
CT51	D10	JV12	D2	RE28	C10	RV31	B8		
CT52	D11	JV13	E2	RE29	C10	RV32	A8		
CT53	C10	JV14	D1	RE30	C10	RV33	B8		
CT54	D11	JV15	F4	RE31	C10	RV34	A8		
CT55	D10	JV16	F10	RE32	C10	RV35	B7		
CT56	D11	JV17	D2	RE41	B11	RV36	A7		
CT57	E10	JV18	D11	RE42	B11	RV37	B7		
CT58	E11	JV19	E11	RE50	B11	RV38	A7		
CT59	E8	JV20	F11	RE51	B11	RV39	B7		
CT60	E9	JY91	A3	RE60	F5	RV40	A7		
CT61	E8	LE01	C9	RE61	F5	RV41	B4		
CT62	E7	LE02	C10	RE80	C8	RV42	A4		
CT90	E7	LE21	C10	RE81	C8	RV43	B5		
CV01	C5	LE41	B11	RE82	C8	RV44	A5		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

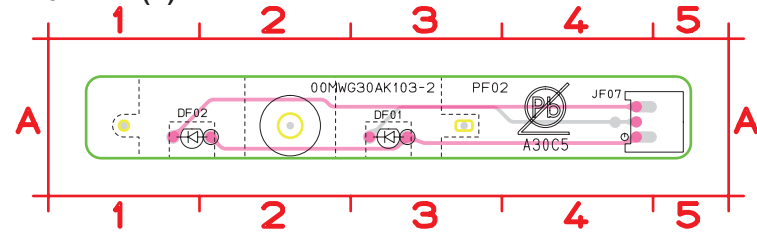
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).



鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

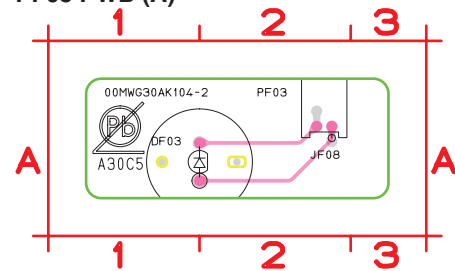
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PF02 PWB (A)



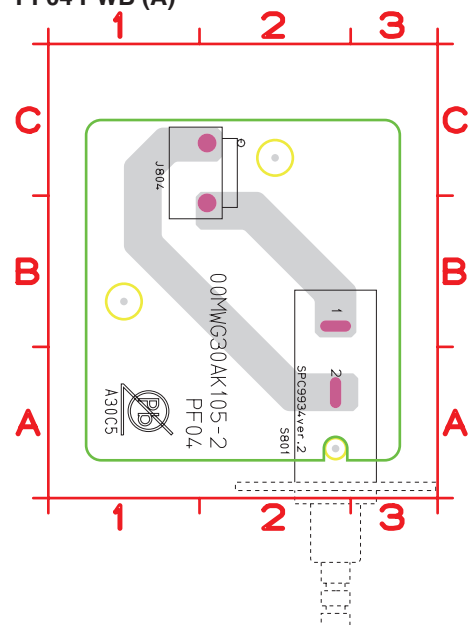
DF01 A3
DF02 A1
JF07 A4

PF03 PWB (A)



DF03 A2
JF08 A2

PF04 PWB (A)



J804 C2
S801 A2

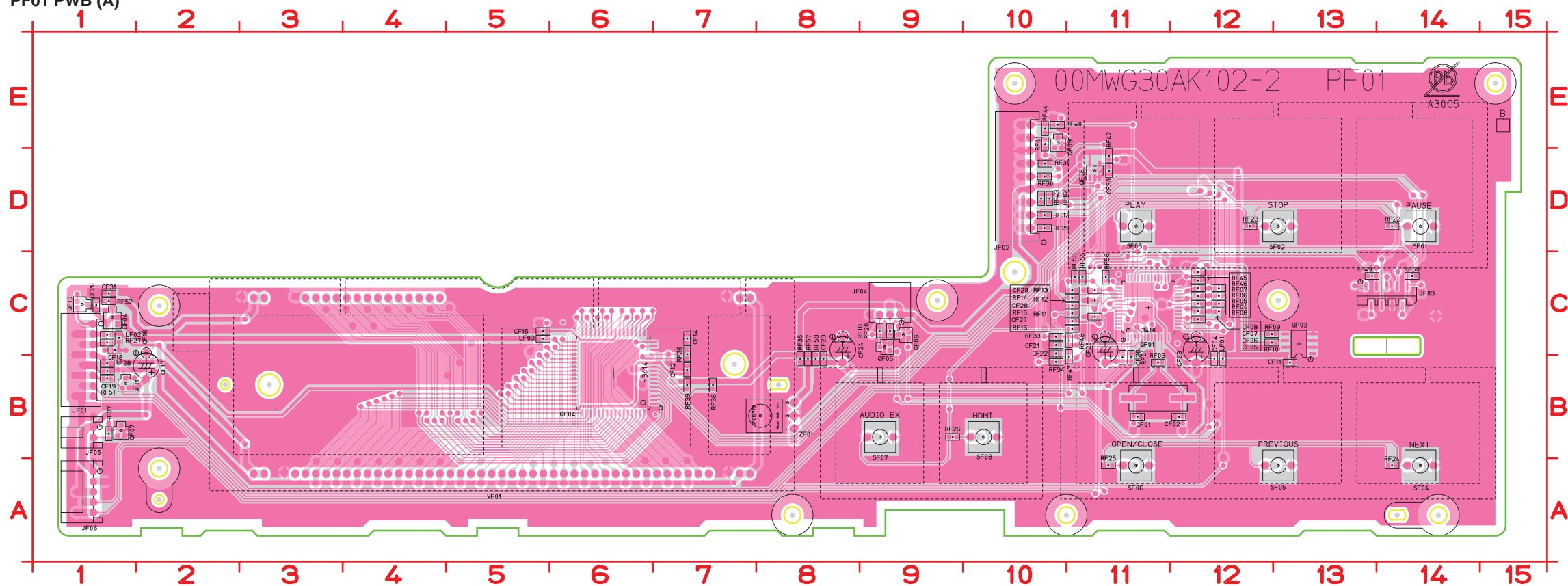
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PF01 PWB (A)

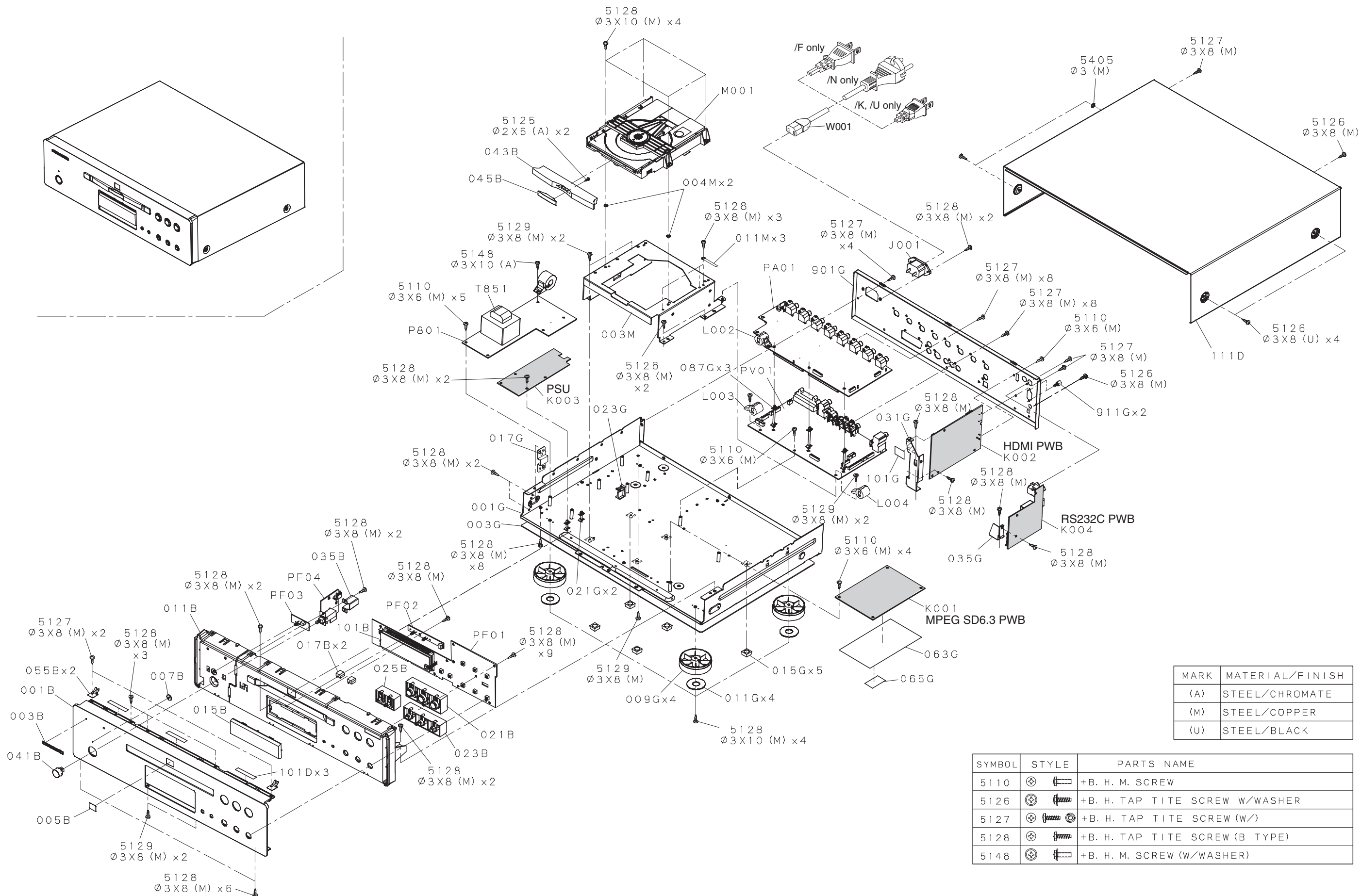


CF01	B11	CF28	C11	RF01	B11	RF28	B1	RF52	C1
CF02	B12	CF29	C11	RF02	D10	RF29	D10	RF53	C11
CF03	B12	CF30	D11	RF03	B11	RF30	D10	RF55	C11
CF04	B12	CF31	C1	RF04	C12	RF31	D10	RF56	C11
CF05	C12	DF04	C1	RF05	C12	RF32	D10	RF57	B8
CF06	C12	JF01	C1	RF06	C12	RF33	C10	RF58	B8
CF07	C12	JF02	D10	RF07	C12	RF34	B10	SF01	D14
CF08	C12	JF03	C14	RF08	C12	RF35	B8	SF02	D13
CF11	B13	JF04	C9	RF09	C12	RF36	C7	SF03	D11
CF12	B7	JF05	B1	RF10	C12	RF37	B1	SF04	A14
CF14	C7	JF06	A1	RF11	C11	RF38	B7	SF05	A13
CF15	C5	LF01	B12	RF12	C11	RF39	B7	SF06	A11
CF16	C1	LF02	C1	RF13	C11	RF40	E10	SF07	B9
CF17	B2	LF03	C5	RF14	C11	RF41	E10	SF08	B10
CF18	C1	QF01	C11	RF15	C11	RF42	D11	VF01	B5
CF19	B1	QF03	C13	RF16	C11	RF43	D10	XF01	B11
CF20	C1	QF04	B6	RF18	C9	RF44	E10	ZF01	B8
CF21	C10	QF05	C9	RF20	C9	RF45	C12		
CF22	C10	QF06	C9	RF22	D14	RF46	C12		
CF23	B8	QF07	B1	RF23	D12	RF47	B11		
CF24	B8	QF08	D11	RF24	A14	RF48	C11		
CF25	B11	QF09	E10	RF25	A11	RF49	C13		
CF26	B11	QF10	C1	RF26	B9	RF50	C14		
CF27	C11	QF11	B1	RF27	C1	RF51	B1		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

14. EXPLODED VIEW AND PARTS LIST



MARK	MATERIAL/FINISH
(A)	STEEL/CHROMATE
(M)	STEEL/COPPER
(U)	STEEL/BLACK

SYMBOL	STYLE	PARTS NAME
5110		+B. H. M. SCREW
5126		+B. H. TAP TITE SCREW W/WASHER
5127		+B. H. TAP TITE SCREW (W/)
5128		+B. H. TAP TITE SCREW (B TYPE)
5148		+B. H. M. SCREW (W/WASHER)

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
	001B	F N	nsp	00M30AK248110	PANEL	FRONT PANEL AL GL
	001B	/K1G	nsp	00M30AK248110	PANEL	FRONT PANEL AL GL
	001B	/N1B	00M30AK248010	00M30AK248010	PANEL	FRONT PANEL AL BL
	001B	/N1S	00M30AK248210	00M30AK248210	PANEL	FRONT PANEL AL SL
	001B	/U1B	nsp	00M30AK248010	PANEL	FRONT PANEL AL BL
	003B	F N	nsp	00M14AJ251010	BADGE	MZ BADGE GL
	003B	/K1G	nsp	00M14AJ251010	BADGE	MZ BADGE GL
	003B	/N1B	00M14AJ251010	00M14AJ251010	BADGE	MZ BADGE GL
	003B	/N1S	00M14AJ251020	00M14AJ251020	BADGE	MZ BADGE SL
	003B	/U1B	nsp	00M14AJ251010	BADGE	MZ BADGE GL
	005B	F N	nsp	00M02AK251020	BADGE	SACD BADGE LIGHT GOLD
	005B	/K1G	nsp	00M02AK251020	BADGE	SACD BADGE LIGHT GOLD
	005B	/N1B	00M02AK251020	00M02AK251020	BADGE	SACD BADGE LIGHT GOLD
	005B	/N1S	00M02AK251030	00M02AK251030	BADGE	SACD BADGE SILVER
	005B	/U1B	nsp	00M02AK251020	BADGE	SACD BADGE LIGHT GOLD
	007B		00M14AJ355010	00M14AJ355010	LENS	INDICATOR LENS
	011B	F N	nsp	00M30AK105120	CHASSIS	CHASSIS FRONT MOLD GL
	011B	/K1G	nsp	00M30AK105120	CHASSIS	CHASSIS FRONT MOLD GL
	011B	/N1B	00M30AK105020	00M30AK105020	CHASSIS	CHASSIS FRONT MOLD BL
	011B	/N1S	00M30AK105220	00M30AK105220	CHASSIS	CHASSIS FRONT MOLD SL
	011B	/U1B	nsp	00M30AK105020	CHASSIS	CHASSIS FRONT MOLD BL
	015B		00M21AK158010	00M21AK158010	WINDOW	WINDOW FOR MOLD CHASSIS
	017B		00M30AK355010	00M30AK355010	LENS	LENS FOR MOLD CHASSIS
	021B	F N	nsp	00M30AK270110	BUTTON	BUTTON 3KEY FUNCTION GL
	021B	/K1G	nsp	00M30AK270110	BUTTON	BUTTON 3KEY FUNCTION GL
	021B	/N1B	00M30AK270010	00M30AK270010	BUTTON	BUTTON 3KEY FUNCTION BL
	021B	/N1S	00M30AK270210	00M30AK270210	BUTTON	BUTTON 3KEY FUNCTION SL
	021B	/U1B	nsp	00M30AK270010	BUTTON	BUTTON 3KEY FUNCTION BL
	023B	F N	nsp	00M30AK270120	BUTTON	BUTTON 3KEY OPEN/CLOSE GL
	023B	/K1G	nsp	00M30AK270120	BUTTON	BUTTON 3KEY OPEN/CLOSE GL
	023B	/N1B	00M30AK270020	00M30AK270020	BUTTON	BUTTON 3KEY OPEN/CLOSE BL
	023B	/N1S	00M30AK270220	00M30AK270220	BUTTON	BUTTON 3KEY OPEN/CLOSE SL
	023B	/U1B	nsp	00M30AK270020	BUTTON	BUTTON 3KEY OPEN/CLOSE BL
	025B	F N	nsp	00M30AK270130	BUTTON	BUTTON 2KEY GL
	025B	/K1G	nsp	00M30AK270130	BUTTON	BUTTON 2KEY GL
	025B	/N1B	00M30AK270030	00M30AK270030	BUTTON	BUTTON 2KEY BL
	025B	/N1S	00M30AK270230	00M30AK270230	BUTTON	BUTTON 2KEY SL
	025B	/U1B	nsp	00M30AK270030	BUTTON	BUTTON 2KEY BL
	041B	F N	nsp	00M14AJ270110	BUTTON	POWER BUTTON GL
	041B	/K1G	nsp	00M14AJ270110	BUTTON	POWER BUTTON GL
	041B	/N1B	00M14AJ270010	00M14AJ270010	BUTTON	POWER BUTTON BL
	041B	/N1S	00M14AJ270210	00M14AJ270210	BUTTON	POWER BUTTON SL
	041B	/U1B	nsp	00M14AJ270010	BUTTON	POWER BUTTON BL
	043B	F N	nsp	00M30AK063110	ESCUTCHEON	ESCUTCHEON TRAY GL
	043B	/K1G	nsp	00M30AK063110	ESCUTCHEON	ESCUTCHEON TRAY GL
	043B	/N1B	00M30AK063010	00M30AK063010	ESCUTCHEON	ESCUTCHEON TRAY BL
	043B	/N1S	00M30AK063210	00M30AK063210	ESCUTCHEON	ESCUTCHEON TRAY SL
	043B	/U1B	nsp	00M30AK063010	ESCUTCHEON	ESCUTCHEON TRAY BL
	045B	F N	nsp	00M25BW063010	ESCUTCHEON	ESCUTCHEON SUPER AUDIO CD GL
	045B	/K1G	nsp	00M25BW063010	ESCUTCHEON	ESCUTCHEON SUPER AUDIO CD GL
	045B	/N1B	00M25BW063010	00M25BW063010	ESCUTCHEON	ESCUTCHEON SUPER AUDIO CD GL
	045B	/N1S	00M25BW063210	00M25BW063210	ESCUTCHEON	ESCUTCHEON SUPER AUDIO CD SL
	045B	/U1B	nsp	00M25BW063010	ESCUTCHEON	ESCUTCHEON SUPER AUDIO CD GL
	009G	F N	nsp	00M14AJ057110	LEG	LEGS GL
	009G	/K1G	nsp	00M14AJ057110	LEG	LEGS GL
	009G	/N1B	00M14AJ057110	00M14AJ057110	LEG	LEGS GL
	009G	/N1S	00M14AJ057210	00M14AJ057210	LEG	LEGS SL
	009G	/U1B	nsp	00M14AJ057110	LEG	LEGS GL
	011G		00M14AJ056110	00M14AJ056110	BUFFER	LEGS CUSHION
	911G		00M396B010030	00M396B010030	SCREW	SCREW FOR D-SUB TERMINAL
	⚠ J001	F N	nsp	00MYJ04002550	JACK	! AC INLET TYPE HF-301
	⚠ J001	/K1G	nsp	00MYJ04002550	JACK	! AC INLET TYPE HF-301
	⚠ J001	/N1B	00MYJ04002550	00MYJ04002550	JACK	! AC INLET TYPE HF-301
	⚠ J001	/N1S	00MYJ04002550	00MYJ04002550	JACK	! AC INLET TYPE HF-301
	⚠ J001	/U1B	nsp	641010002008S	TERMINAL	! AC-P08CN27
	K001		00MZK30AK0010	00MZK30AK0010	PWB ASSY	PCB ASSY MPEG SD6.3 BOARD 867000029876
	K002		00MZK30AK0020	00MZK30AK0020	PWB ASSY	PCB ASSY HDMI V1.1 BOARD 867000029879

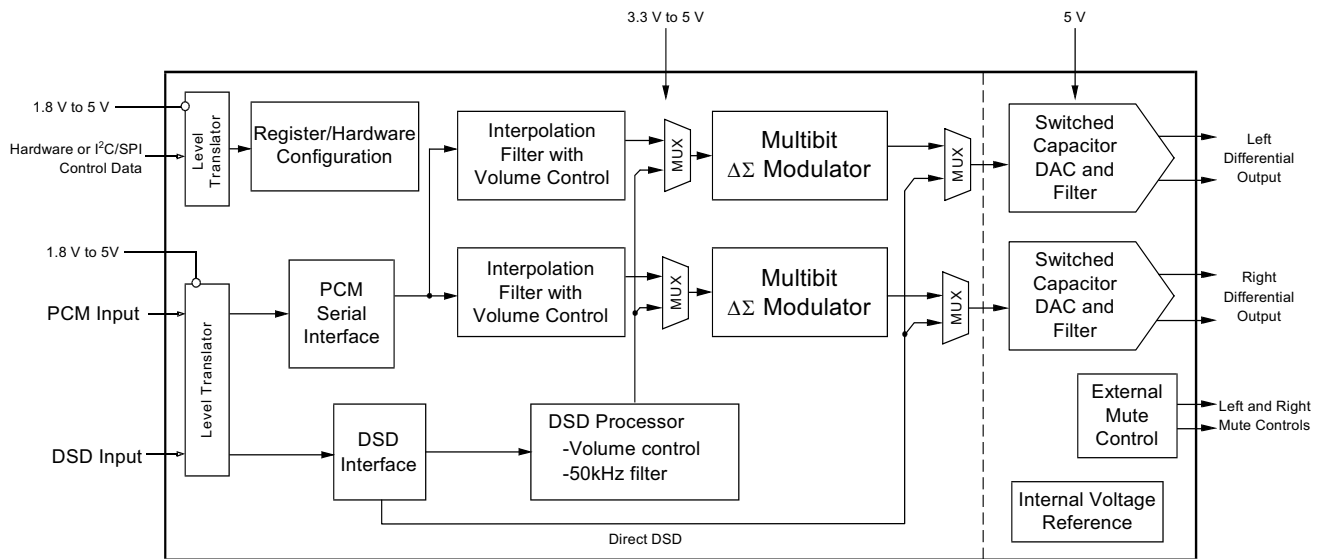
NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
	K003		00MZK30AK0030	00MZK30AK0030	PWB ASSY	PCB ASSY PSU06P30 867000029882
	K004		00MZK30AK0040	00MZK30AK0040	PWB ASSY	PCB ASSY RS232C BOARD 876000029883
	L002		117010005009S	117010005009S	FERRITE CORE	TFCK-23-11-14 KITAGAWA
	L003		117010005009S	117010005009S	FERRITE CORE	TFCK-23-11-14 KITAGAWA
	L004		1170100010070	1170100010070	FERRITE CORE	FERRITE CORE TFCK-16813
	M001		00M30AK304010	00M30AK304010	MECHANISM	MECHA LOADER AND TRAVERSE PHILIPS 867000029878
	P801		nsp	nsp	PWB ASSY	POWER PWB ASSY
	PA01		nsp	nsp	PWB ASSY	AUDIO PWB ASSY
	PF01		nsp	nsp	PWB ASSY	FRONT PWB ASSY
	PF02		nsp	nsp	PWB ASSY	HDMI/AUDIO EX LED PWB ASSY
	PF03		nsp	nsp	PWB ASSY	STANDBY LED PWB ASSY
	PF04		nsp	nsp	PWB ASSY	POWER SW PWB ASSY
	PV01		nsp	nsp	PWB ASSY	VIDEO PWB ASSY
	W304		nsp	00MYU30240520	FPC	SMCD-30X240-BDX8(BL)-P1.0-S4-MUL2896
	WD03		nsp	00MYU12250520	FPC	SMCD-12X250-BDX8(BL)-P1.0-S4-MUL2896
	WD04		nsp	00MYU11120520	FPC	SMCD-11X120-BDX6(BL)-P1.0-S4-M
	WF03		nsp	00MYU09120520	FPC	SMCD-9X120-BDX8(BL)-P1.0-S4-MUL2896
	WV11		nsp	00MYU13100520	FPC	SMCD-13X100-BDX6-P1.0-S4.0+4.0-M UL2896
	WV12		nsp	00MYU07140520	FPC	SMCD-7X140-BDX8(BL)-P1.0-S4-MUL2896
	WV13		nsp	00MYU16320520	FPC	SMCD-16X320-BDX8(BL)-P1.0-S4-MUL2896
	WV14		nsp	00MYU30350520	FPC	SMCD-30X350-BDX8(BL)-P1.0-S4-MUL2896
	WV15		nsp	00MYU17100520	FPC	SMCD-17X100-BDX6(BL)-P1.0-S4-M
PACKING						
	005T	F N	nsp	00M30AK851110	USER GUIDE	USER MANUAL DV7001 F
	005T	/K1G	nsp	00M30AK851350	USER GUIDE	USER MANUAL DV7001 K
	005T	/N1B	00M30AK851310	00M30AK851310	USER GUIDE	USER MANUAL DV7001 N
	005T	/N1S	00M30AK851310	00M30AK851310	USER GUIDE	USER MANUAL DV7001 N
	005T	/U1B	nsp	00M30AK851250	USER GUIDE	USER MANUAL DV7001 U
	001Z		00MZK20CW0010	00MZK20CW0010	UNIT KIT	REMOTE CONTROLLER RC001DV
	▲ W001	F N	nsp	00MZC01802080	MAINS CORD	# MAINS CORD DC-316-N01
	▲ W001	/K1G	nsp	00MZC01808030	MAINS CORD	# MAINS CORD CHINA 250V 10A
	▲ W001	/N1B	0110500020010	0110500020010	MAINS CORD	# MAINS CORD 970304/1 EUROPEAN
	▲ W001	/N1S	0110500020010	0110500020010	MAINS CORD	# MAINS CORD 970304/1 EUROPEAN
	▲ W001	/U1B	nsp	611050010006S	MAINS CORD	# MAINS CORD UL/CSA 10A 125V
NOT STANDARD SPARE PART						
	005S		nsp	00M28AK809010	CUSHION	CUSHION(L R) SA7001
	010S		nsp	00M30AK801010	PACKING CASE	PACKING CASE DV7001
	111D	F N	nsp	00M14AJ257120	LID	TOP COVER GL SLIT LESS
	111D	/K1G	nsp	00M14AJ257120	LID	TOP COVER GL SLIT LESS
	111D	/N1B	nsp	00M14AJ257020	LID	TOP COVER BL SLIT LESS
	111D	/N1S	nsp	00M14AJ257220	LID	TOP COVER SL SLIT LESS
	111D	/U1B	nsp	00M14AJ257020	LID	TOP COVER BL SLIT LESS
	003Z		nsp	00MZD01500410	CONN. CORD	YAF11-0745N 3PIN RCA (VIDEO&L/R) 1.5M
	004Z		nsp	605010002002S	CONN. CORD	TWIN SHIELDED WIRE WITH RCA PLUGS

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

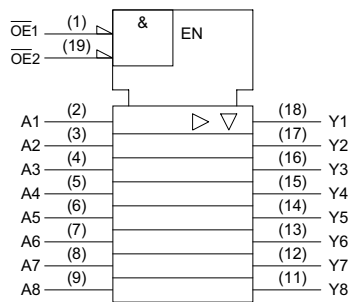
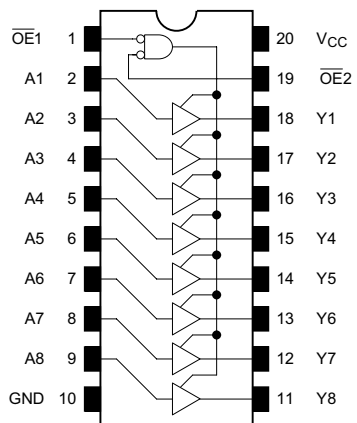
15. MICROPROCESSOR AND IC DATA

QD01 : CS4398



Pin Name	#	Pin Description
DSD_A	28	Direct Stream Digital Input (Input) - Input for Direct Stream Digital serial audio data.
DSD_B	1	
DSD_SCLK	2	DSD Serial Clock (Input) - Serial clock for the Direct Stream Digital audio interface.
SDIN	3	Serial Audio Data Input (Input) - Input for two's complement serial audio data.
SCLK	4	Serial Clock (Input) - Serial clock for the serial audio interface.
LRCK	5	Left Right Clock (Input) - Determines which channel, Left or Right, is currently active on the serial audio data line.
MCLK	6	Master Clock (Input) - Clock source for the delta-sigma modulator and digital filters.
VD	7	Digital Power (Input) - Positive power for the digital section.
DGND	8	Digital Ground (Input) - Ground reference for the digital section.
RST	13	Reset (Input) - The device enters system reset when enabled.
VLC	14	Control Port Power (Input) - Positive power for Control Port I/O.
FILT+	15	Positive Voltage Reference (Output) - Positive reference voltage for the internal sampling circuits.
REF_GND	16	Reference Ground (Input) - Ground reference for the internal sampling circuits.
VREF	17	Voltage Reference (Input) - Positive voltage reference for the internal sampling circuits.
BMUTE	18	Mute Control (Output) - The Mute Control pin is active during power-up initialization, muting, power-down or if the master clock to left/right clock frequency ratio is incorrect. During reset these outputs are set to a high impedance.
AMUTE	25	
AOUTB+	20	Differential Right Channel Analog Output (Output) - The full scale differential analog output level is specified in the Analog Characteristics specification table.
AOUTB-	19	
AGND	21	Analog Ground (Input) - Ground reference for the analog section.
VA	22	Analog Power (Input) - Positive power for the analog section.
AOUTA+	23	Differential Left Channel Analog Output (Output) - The full scale differential analog output level is specified in the Analog Characteristics specification table.
AOUTA-	24	
VQ	26	Quiescent Voltage (Output) - Filter connection for internal quiescent voltage.
VLS	27	Serial Audio Interface Power (Input) - Positive power for serial audio interface I/O.
Stand Alone Mode Definitions		
M3	9	Mode Selection (Input) - Determines the operational mode of the device.
M2	10	
M1	11	
M0	12	
Control Port Mode Definitions		
AD1/CDIN	9	Address Bit 1 (I²C) / Control Data Input (SPI) (Input) - AD1 is a chip address pin in I ² C mode; CDIN is the input data line for the Control Port interface in SPI mode.
SCL/CCLK	10	Serial Control Port Clock (Input) - Serial clock for the serial Control Port.
SDA/CDOUT	11	Serial Control Data (I²C) / Control Data Output (SPI) (Input/Output) - SDA is a data I/O line in I ² C mode. CDOUT is the output data line for the Control Port interface in SPI mode.
AD0/ $\overline{\text{CS}}$	12	Address Bit 0 (I²C) / Control Port Chip Select (SPI) (Input) - AD0 is a chip address pin in I ² C mode; CS is the chip select signal for SPI format.

QD61 : TC74LCX541F



Truth Table

Inputs			Outputs
OE1	OE2	An	
H	X	X	Z
X	H	X	Z
L	L	H	H
L	L	L	L

X: Don't care

Z: High impedance

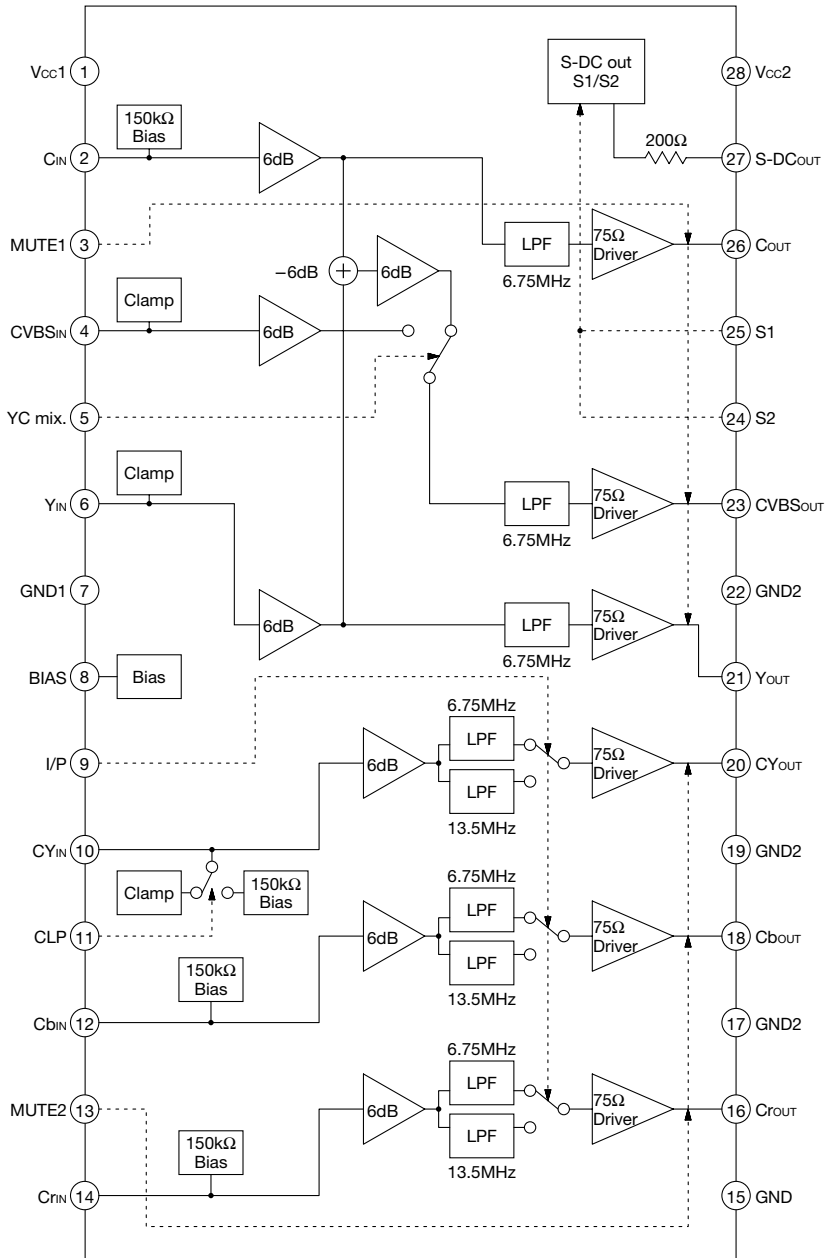
QE01 : MM1623

Pin no.	Pin name	Function
1 28	Vcc1 Vcc2	Vcc Vcc2 is power supply for 75Ω driver.
2	CIN	Croma signal input
3 13	MUTE1 MUTE2	Mute select Using of MUTE and POWER-SAVING.
4 6	CVBSIN YIN	Video signal input (Composite video or Y) Sync tip clamp input
5	YC mix.	YC MIX select
7 15 17 19 22	GND1 GND2 GND2 GND2 GND2	GND GND2 is ground for 75Ω driver.

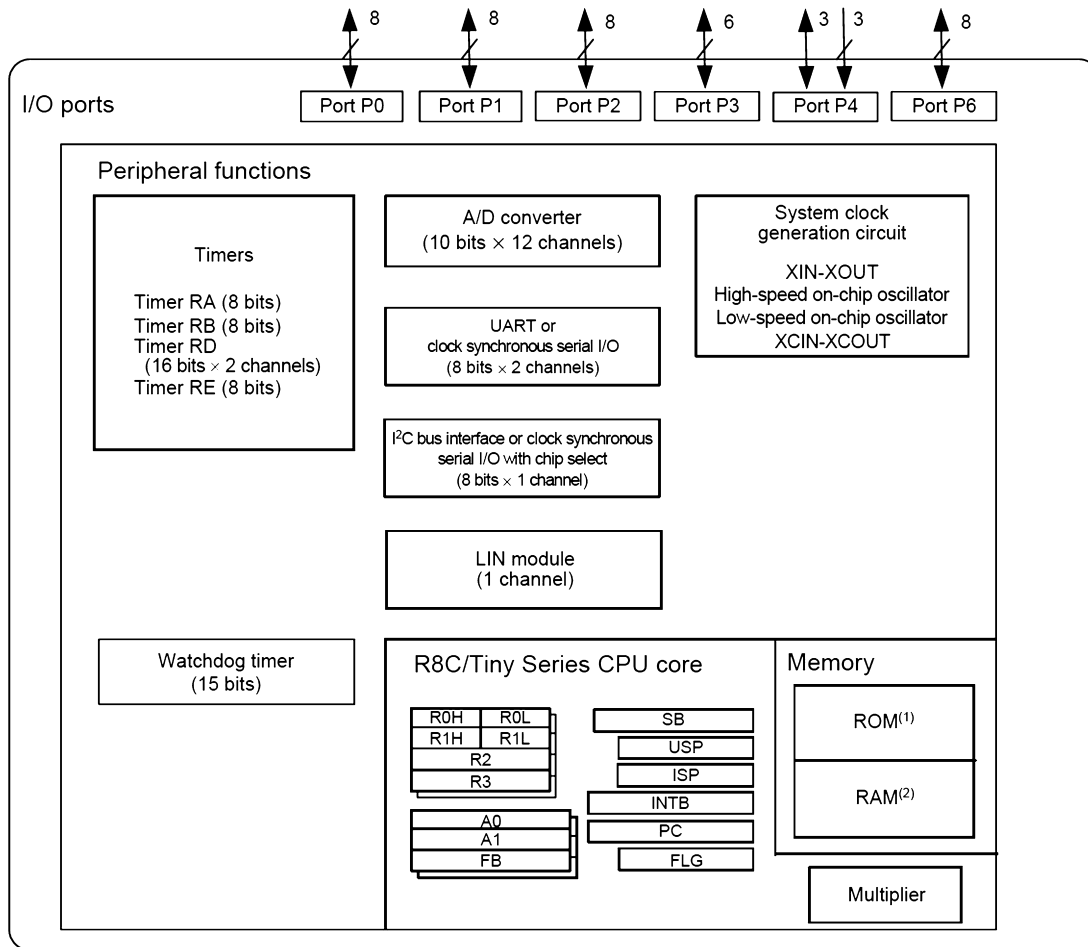
Pin no.	Pin name	Function
8	BIAS	Bias
9	I/P	Interlace / Progressive select
10	CYIN	Luminance input The input can select Sync tip clamp or Bias. Input signal : Y or G
11	CLP	Input clamp select
12 14	CbIN CrIN	Component input Input signal : Cb or B Cr or R

QE01 : MM1623

Pin no.	Pin name	Function
16	C _{ROUT}	Signal output
18	C _{BOUT}	
20	C _{YOUT}	
21	Y _{OUT}	
23	CVBS _{OUT}	
26	C _{OUT}	
24	S1	S1/S2 select
25	S2	
27	S-DC _{OUT}	S1/S2 DC output

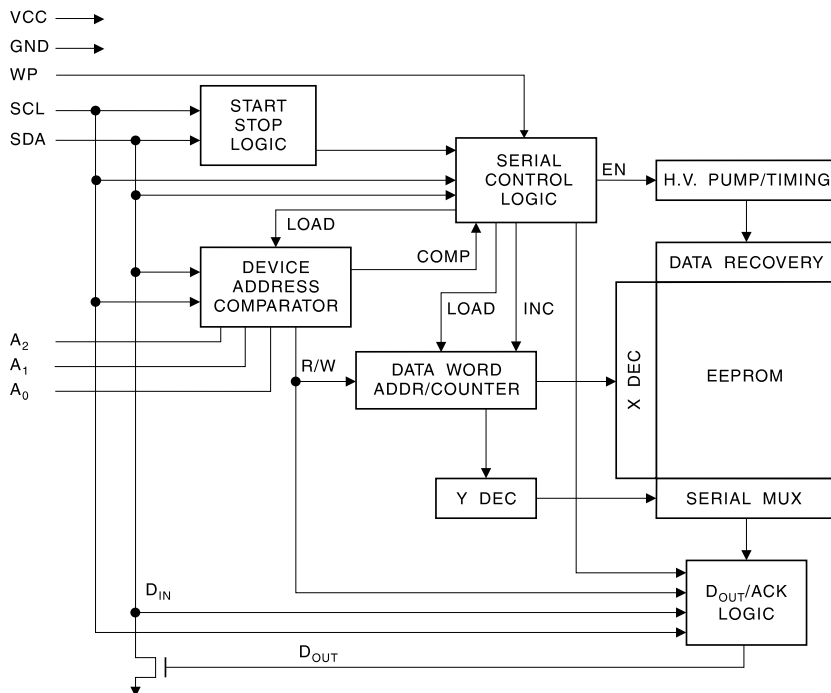


QF01 : R5F21246SNFP

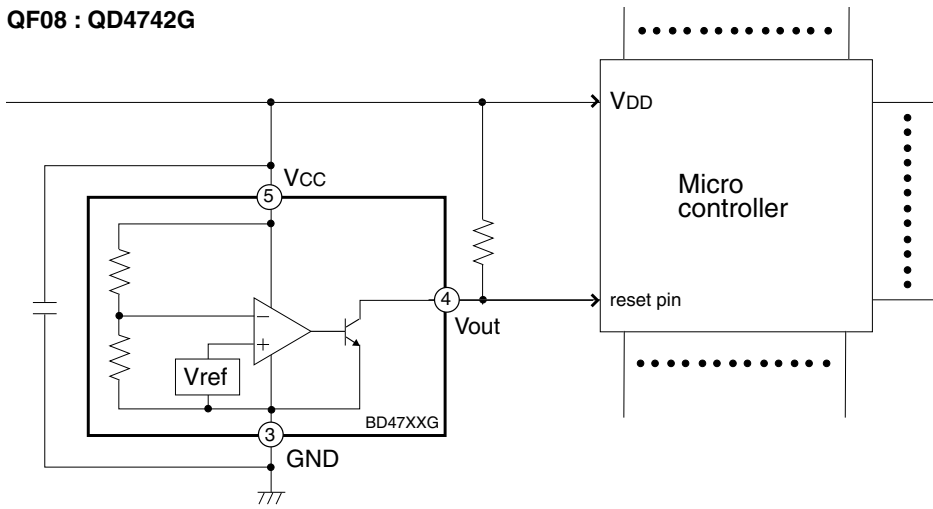


- NOTES:
1. ROM size varies with MCU type.
 2. RAM size varies with MCU type.

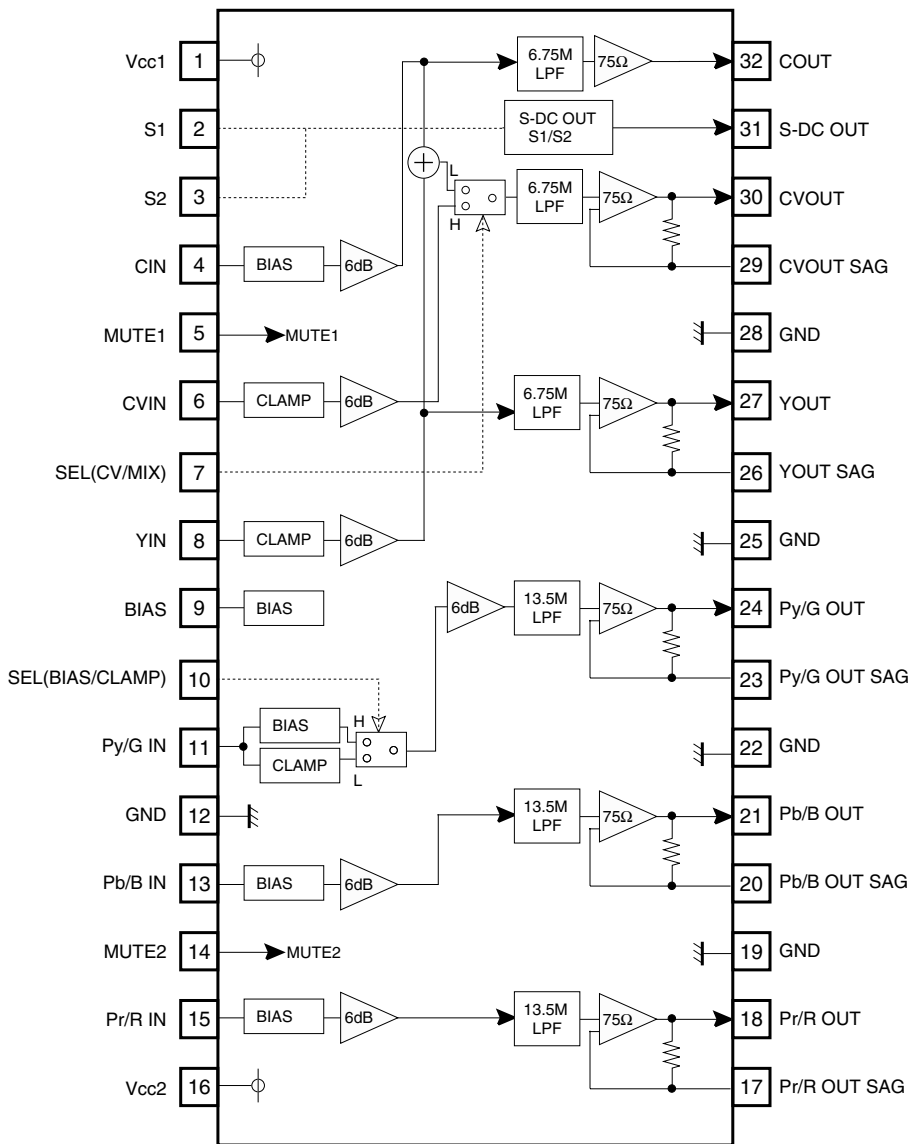
QF03 : AT24C04



QF08 : QD4742G



QV01 : BH7868FS



16. ELECTRICAL PARTS LIST

PARTS INFORMATION

RESISTORS

- 1) 00MGD05 × × × 140, Carbon film fixed resistor, ±5% 1/4W
- 2) 00MGD05 × × × 160, Carbon film fixed resistor, ±5% 1/6W

① Resistance value

Examples ;

① Resistance value

0.1Ω 001	10Ω 100	1kΩ 102	100kΩ 104
0.5Ω 005	18Ω 180	2.7kΩ 272	680kΩ 684
1Ω 010	100Ω 101	10kΩ 103	1MΩ 105
6.8Ω 068	390Ω 391	22kΩ 223	4.7MΩ 475

Note : Please distinguish 1/4W from 1/6W by the shape of parts used actually.

CAPACITORS

CERAMIC CAP.

- 3) 00MDD1 × × × × 370, Ceramic capacitor
Disc type
Temp.coeff.P350 ~ N1000, 50V
- ② Capacity value
Tolerance

Examples ;

② Tolerance (Capacity deviation)

±0.25pF.....0
±0.5pF.....1
±5%.....5

* Tolerance of COMMON PARTS handled here are as follows :

0.5pF ~ 5pF ±0.25pF
6pF ~ 10pF ±0.5pF
12pF ~ 560pF ±5%

③ Capacity value

0.5pF 005	3pF 030	100pF 101
1pF 010	10pF 100	220pF 221
1.5pF 015	47pF 470	560pF 561

CERAMIC CAP.

- 4) 00MDK16 × × × 300, High dielectric constant ceramic capacitor
Disc type
Temp.chara. 2B4, 50V
- ④ Capacity value

Examples ;

④ Capacity value

100pF 101	1000pF 102	10000pF 103
470pF 471	2200pF 222	

ELECTROLY CAP. (Z)

- 5) 00MEA × × × × × 10, Electrolytic capacitor
One-way lead type, Tolerance ±20%
- ⑤ Working voltage
⑥ Capacity value

Examples ;

⑤ Capacity value

0.1μF 104	4.7μF 475	100μF ... 107
0.33μF 334	10μF 106	330μF ... 337
1μF 105	22μF 226	1100μF ... 118
		2200μF ... 228

⑥ Working voltage

6.3V 006	25V 025
10V 010	35V 035
16V 016	50V 050

FILM CAP. (+)

- 6) 00MDF15 × × × 350 Plastic film capacitor
One-way type, Mylar ±5% 50V
 - 00MDF15 × × × 310 Plastic film capacitor
One-way type, Mylar ±10% 50V
- ⑦ Capacity value

Examples ;

⑦ Capacity value

0.001μF (1000pF) 102	0.1μF 104
0.0018μF 182	0.56μF 564
0.01μF 103	1μF 105
0.015μF 153	

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows;

1. KOA Corporation

Part No. (MJI)	Type No. (KOA)	Description
00MNH05 × × × 140	→ RF25S × × × × ΩJ	(±5% 1/4W)
00MNH05 × × × 120	→ RF50S × × × × ΩJ	(±5% 1/2W)
00MNH85 × × × 110	→ RF73B2A × × × × ΩJ	(±5% 1/10W)
00MNH95 × × × 140	→ RF73B2E × × × × ΩJ	(±5% 1/4W)

* Resistance value Resistance value (0.1 – 10kΩ)

2. Matsushita Electronic Components Co., Ltd

Part No. (MJI)	Type No. (MEC)	Description
00MNF05 × × × 140	→ ERD-2FCJ × × ×	(±5% 1/4W)
00MRF05 × × × 140		
00MNF02 × × × 140	→ ERD-2FCG × × ×	(±2% 1/4W)
00MRF02 × × × 140		

* Resistance value * Resistance value

Examples ;

* Resistance value

0.1Ω 001	10Ω 100	1kΩ 102	100kΩ 104
0.5Ω 005	18Ω 180	2.7kΩ 272	680kΩ 684
1Ω 010	100Ω 101	10kΩ 103	1MΩ 105
6.8Ω 068	390Ω 391	22kΩ 223	4.7MΩ 475

ABBREVIATION AND MARKS

ANT. : ANTENNA	BATT. : BATTERY
CAP. : CAPACITOR	CER. : CERAMIC
CONN. : CONNECTING	DIG. : DIGITAL
HP : HEADPHONE	MIC. : MICROPHONE
μ-PRO : MICROPROCESSOR	REC. : RECORDING
RES. : RESISTOR	SPK : SPEAKER
SW : SWITCH	TRANSF. : TRANSFORMER
TRIM. : TRIMMING	TRS. : TRANSISTOR
VAR. : VARIABLE	X'TAL : CRYSTAL

NOTE ON FUSE :

Regarding to all parts of parts code **00MFS20xxx2xx**, replace only with Wickmann-Werke GmbH, Type 372 non glass type fuse.

NOTE ON SAFETY :

Symbol Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意 :

がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
					POWER PWB P801 (00MWG30AK202-)	
P801	▲ C844		00MDF77103500	00MDF77103500	FILM CAP.	0.01UF M 250V AC
P801	C851		00MOB10803540	00MOB10803540	ELECT. CAP.	LAO-35V102MS35P1W# 1000UF 35V (LF)
P801	C852		00MOB10803540	00MOB10803540	ELECT. CAP.	LAO-35V102MS35P1W# 1000UF 35V (LF)
P801	C853		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
P801	C854		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
P801	C855	F N	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
P801	C855	/K1G	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
P801	C855	/N1B	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
P801	C855	/N1S	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
P801	C855	/U1B	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
P801	C856	F N	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
P801	C856	/K1G	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
P801	C856	/N1B	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
P801	C856	/N1S	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
P801	C856	/U1B	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
P801	C857		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
P801	C858		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
P801	C861		134010162006S	134010162006S	ELECT CAP	RA2-16V222MI6#8-S1
P801	C862		1340100215010	1340100215010	ELECT CAP	RA2-10V221MF3#8-T2
P801	C863		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
P801	C864		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
P801	C865		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
P801	C866		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
P801	C871		134010161003S	134010161003S	ELECT CAP	RA2-25V102MI5#8-S1
P801	C872		00MOA22405020	00MOA22405020	ELECT. CAP.	0.22 UF M 50V RA-2
P801	C873		00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
P801	C874		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
P801	D845		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D851		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D852		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D853		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D854		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D871		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D872		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D873		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D874		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D875		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D876		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D877		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D878		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	D879		00MHD20029050	00MHD20029050	DIODE	S5688G(TPA3,Q)
P801	▲ F801		00MFS20250200	00MFS20250200	FUSE	# T2.5A/250V TR5 NO.19372 (T)
P801	▲ F851		00MFS20050200	00MFS20050200	FUSE	# T500MA/250V TR5 NO.19372(TP)
P801	▲ F852		00MFS20050200	00MFS20050200	FUSE	# T500MA/250V TR5 NO.19372(TP)
P801	▲ F854		00MFS20050200	00MFS20050200	FUSE	# T500MA/250V TR5 NO.19372(TP)
P801	L001		117010002000S	117010002000S	FERRITE CORE	TRCN-28-16-20
P801	▲ L841		00MLY10060010	00MLY10060010	RELAY	#SDT-S-106LMR TV-5 DC6V 250MW
P801	Q841		00MHT10001000	00MHT10001000	TRS.	A1048,A933S,A1267,ETC.
P801	Q842		216450001502S	216450001502S	TRS.	DTC114EUA
P801	Q843		216450001502S	216450001502S	TRS.	DTC114EUA
P801	Q853		00D2631100063	00D2631100063	IC	KIA7809API-U/P
P801	Q854		00D2631099048	00D2631099048	IC	KIA7909PI
P801	Q861		00MHC3690521F	00MHC3690521F	IC	BA05T 5V/1A TO220
P801	Q862		00MHC36J3321F	00MHC36J3321F	IC	BA033T +3.3V 1A TYPE
P801	Q871		214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
P801	Q872		214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
P801	Q874		212050002507S	212050002507S	TRS.	2SA1586 (Y_GR) TE85L
P801	Q875		216450001502S	216450001502S	TRS.	DTC114EUA
P801	R821	F N	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	R822	/U1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	R823	/K1G	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	R823	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	R823	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	R841		nsp	00D2472011942	CHIP RES.	RM73B--473JT +1608
P801	R842		nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
P801	R843		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
P801	R844		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
P801	R845		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	R846		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
P801	R871		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
P801	R872		nsp	00D2472010901	CHIP RES.	RM73B--123JT +1608
P801	R873		nsp	00D2472014952	CHIP RES.	RM73B--914JT +1608
P801	R874		nsp	00D2472011942	CHIP RES.	RM73B--473JT +1608
P801	R875		nsp	00D2472011942	CHIP RES.	RM73B--473JT +1608
P801	R876		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
P801	R877		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
P801	R879		nsp	00D2472008968	CHIP RES.	RM73B--332JT +1608
P801	R880		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	R881		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
P801	▲ T851	F N	nsp	00MTS14833010	TRANSF.	# POWER TRANS AC100V
P801	▲ T851	/K1G	nsp	00MTS14833030	TRANSF.	# POWER TRANS AC230V
P801	▲ T851	/N1B	00MTS14833030	00MTS14833030	TRANSF.	# POWER TRANS AC230V
P801	▲ T851	/N1S	00MTS14833030	00MTS14833030	TRANSF.	# POWER TRANS AC230V
P801	▲ T851	/U1B	nsp	00MTS14833020	TRANSF.	# POWER TRANS AC120V
					AUDIO PWB PA01 (00MWG30AK101-)	
PA01	CA01		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CA02		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CA03		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CA04		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CA05		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CA06		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CA07		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CA31		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CA32		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CA33		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CA34		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CA35		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CA36		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CA37		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CC01		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CC02		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CC03		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CC04		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CC05		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CC06		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CC07		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CC31		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CC32		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CC33		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CC34		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CC35		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CC36		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CC37		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD01	F N	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD01	/K1G	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
PA01	CD01	/N1B	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD01	/N1S	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD01	/U1B	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD02		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD03		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CD04		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD05		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CD06		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD07		134050025402S	134050025402S	ELECT CAP	ROA-10V101MG3#-T2
PA01	CD08		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD09		nsp	00D2570511904	CER. CAP	CK73F1H103ZT +1608
PA01	CD10		1340100685000	1340100685000	ELECT CAP	RA2-50V3R3ME3E#8-T2
PA01	CD21	F N	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD21	/K1G	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
PA01	CD21	/N1B	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD21	/N1S	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD21	/U1B	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD22		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	CD23		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CD24		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD25		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CD26		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD27		134050025402S	134050025402S	ELECT CAP	ROA-10V101MG3#-T2
PA01	CD28		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD29		nsp	00D2570511904	CER. CAP	CK73F1H103ZT +1608
PA01	CD30		1340100685000	1340100685000	ELECT CAP	RA2-50V3R3ME3E#8-T2
PA01	CD41	F N	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD41	/K1G	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
PA01	CD41	/N1B	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD41	/N1S	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD41	/U1B	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CD42		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD43		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CD44		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD45		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CD46		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD47		134050025402S	134050025402S	ELECT CAP	ROA-10V101MG3#-T2
PA01	CD48		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CD49		nsp	00D2570511904	CER. CAP	CK73F1H103ZT +1608
PA01	CD50		1340100685000	1340100685000	ELECT CAP	RA2-50V3R3ME3E#8-T2
PA01	CD62		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CH01		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH02		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH11		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH12		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH21		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH22		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH31		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH32		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH41		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH42		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH51		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH52		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH61		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH62		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH71		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CH72		nsp	00D2570504940	CER. CAP	CC73CH1H330JT +1608
PA01	CS03		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CS04		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CS05		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CS06		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CS08		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CS10		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CS11		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CS33		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CS34		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CS35		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CS36		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CS38		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CS40		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CS41		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX03		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CX04		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CX05		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CX06		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CX08		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CX10		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX11		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX33		1330500424040	1330500424040	FILM CAP.	DAMG-630VDC-101J-TP
PA01	CX34		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CX35		1330100135070	1330100135070	FILM CAP.	APSV 0100 J 102 0000 0200
PA01	CX36		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CX38		1330100055060	1330100055060	FILM CAP.	APSV 0100 J 221 0000 0200
PA01	CX40		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX41		134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	CX44	F N	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX44	/K1G	nsp	134050026405S	ELECT CAP	ROA-16V221MH4#-T2
PA01	CX44	/N1B	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX44	/N1S	134050028401S	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX44	/U1B	nsp	134050028401S	ELECT CAP	ROS-16V221MH5#PE-T2
PA01	CX45		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CX46		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CX47		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CX48		00MOA33602520	00MOA33602520	ELECT. CAP.	33 UF M 25V RA-2
PA01	CX49		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CX50		134050025402S	134050025402S	ELECT CAP	ROA-10V101MG3#-T2
PA01	CX51		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PA01	CX52		nsp	00D2570511904	CER. CAP	CK73F1H103ZT +1608
PA01	CX53		1340100685000	1340100685000	ELECT CAP	RA2-50V3R3ME3E#8-T2
PA01	DA21		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DA22		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DA51		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DC21		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DC51		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DH01		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH02		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH03		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH11		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH12		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH13		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH21		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH22		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH23		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH31		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH32		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH33		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH41		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH42		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH43		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH51		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH52		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH53		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH61		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH62		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH63		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH71		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DH72		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302 (TE85L,F) (TOSHIBA)
PA01	DH73		00MHZ20007210	00MHZ20007210	CHIP DIODE	IMN10 DIODE ARRAY
PA01	DS21		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DS51		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DX21		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	DX51		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PA01	JA11		00MYT02011770	00MYT02011770	TERMINAL	RJ-1150/03-0500A RCA 1PIN WHITE
PA01	JA31		00MYT02011780	00MYT02011780	TERMINAL	RJ-1150/02-0500A RCA 1PIN RED
PA01	JC11		00MYT02011790	00MYT02011790	TERMINAL	RJ-1150/01-0500A RCA 1PIN BLACK
PA01	JC31		00MYT02011790	00MYT02011790	TERMINAL	RJ-1150/01-0500A RCA 1PIN BLACK
PA01	JS11		00MYT02011790	00MYT02011790	TERMINAL	RJ-1150/01-0500A RCA 1PIN BLACK
PA01	JS31		00MYT02011790	00MYT02011790	TERMINAL	RJ-1150/01-0500A RCA 1PIN BLACK
PA01	JX01		00MYT02011770	00MYT02011770	TERMINAL	RJ-1150/03-0500A RCA 1PIN WHITE
PA01	JX02		00MYT02011780	00MYT02011780	TERMINAL	RJ-1150/02-0500A RCA 1PIN RED
PA01	LD01		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD02		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD03		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD04		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD05		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD06		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD07		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD08		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD09		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	LD10		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PA01	QA01		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QA02		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA

NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	QA04		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QA08		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QA09		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QA11		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QA12		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QA31		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA
PA01	QA32		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QA34		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QA38		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QA39		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QC01		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QC02		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA
PA01	QC04		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QC08		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QC09		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QC31		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QC32		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA
PA01	QC34		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QC38		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QC39		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QD01		00MHC10020880	00MHC10020880	IC	CS4398 192KHZ DAC
PA01	QD21		00MHC10020880	00MHC10020880	IC	CS4398 192KHZ DAC
PA01	QD41		00MHC10020880	00MHC10020880	IC	CS4398 192KHZ DAC
PA01	QD51		00MHC10020880	00MHC10020880	IC	CS4398 192KHZ DAC
PA01	QD61		00MHC011005K0	00MHC011005K0	IC	TC74LCX541FT(EL,K)
PA01	QH01		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH02		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH03		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH04		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH05		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH06		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)
PA01	QH11		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH12		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH13		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH14		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH15		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH16		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)
PA01	QH21		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH22		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH23		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH24		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH25		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH26		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)
PA01	QH31		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH32		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH33		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH34		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH35		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH36		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)
PA01	QH41		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH42		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH43		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH44		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH45		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH46		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)
PA01	QH51		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH52		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH53		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH54		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH55		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH56		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)
PA01	QH61		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH62		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PD0.4W
PA01	QH63		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH64		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH65		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH66		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	QH71		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PDO.4W
PA01	QH72		222010001404S	222010001404S	F.E.T.	2SK369 BL VGDS-40V PDO.4W
PA01	QH73		00MHX328731B0	00MHX328731B0	CHIP TRS.	2SC2873 (Y)
PA01	QH74		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH75		00MHX113121B0	00MHX113121B0	CHIP TRS.	2SA1312 (B)
PA01	QH76		00MHX333241B0	00MHX333241B0	CHIP TRS.	2SC3324 (B)
PA01	QS01		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QS02		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA
PA01	QS04		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QS08		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QS09		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QS31		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QS32		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA
PA01	QS34		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QS38		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QS39		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QX01		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QX02		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA
PA01	QX04		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QX05		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QX08		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QX09		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	QX31		213050005400S	213050005400S	TRS.	2SC2240N-GR_BL(932202943676)
PA01	QX32		211050004401S	211050004401S	TRS.	2SA970 (GR) OR (BL) TOSHIBA
PA01	QX33		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QX34		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PA01	QX38		216450001502S	216450001502S	TRS.	DTC114EUA
PA01	QX39		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PA01	RA01		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RA02		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RA03		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA04		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA05		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA06		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA07		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA08		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA09		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA10		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA11		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RA12		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RA13		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RA14		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RA15		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RA16		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RA17		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RA18		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RA19		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RA20		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RA26		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RA31		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RA32		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RA33		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA34		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA35		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA36		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RA37		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA38		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA39		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA40		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RA41		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RA42		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RA43		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RA44		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RA45		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RA46		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RA47		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RA48		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	RA49		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RA50		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RA56		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RC01		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RC02		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RC03		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC04		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC05		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC06		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC07		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC08		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC09		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC10		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC11		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RC12		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RC13		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RC14		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RC15		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RC16		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RC17		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RC18		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RC19		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RC20		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RC26		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RC31		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RC32		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RC33		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC34		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC35		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC36		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RC37		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC38		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC39		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC40		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RC41		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RC42		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RC43		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RC44		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RC45		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RC46		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RC47		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RC48		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RC49		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RC50		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RC56		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RD04		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PA01	RD05		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PA01	RD06		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RD10		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD11		nsp	00D2472004920	CHIP RES.	RM73B--470JT +1608
PA01	RD12		nsp	00D2472004920	CHIP RES.	RM73B--470JT +1608
PA01	RD13		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD14		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD15		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD16		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD24		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PA01	RD25		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RD27		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PA01	RD33		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PA01	RD36		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RD37		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD40		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD41		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD42		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD43		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD44		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD45		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	RD46		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD47		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD56		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD60		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD61		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PA01	RD62		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD64		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD65		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD66		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD67		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD68		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD69		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PA01	RD85		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD91		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PA01	RD93		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PA01	RD94		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RH01		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH02		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH03		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH04		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH05		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH06		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125
PA01	RH07		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH08		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH09		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH11		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH12		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH13		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH14		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH15		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH16		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125
PA01	RH17		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH18		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH19		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH21		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH22		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH23		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH24		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH25		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH26		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125
PA01	RH27		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH28		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH29		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH31		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH32		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH33		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH34		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH35		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH36		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125
PA01	RH37		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH38		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH39		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH41		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH42		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH43		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH44		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH45		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH46		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125
PA01	RH47		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH48		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH49		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH51		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH52		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH53		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH54		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH55		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH56		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	RH57		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH58		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH59		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH61		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH62		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH63		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH64		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH65		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH66		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125
PA01	RH67		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH68		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH69		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH71		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH72		00D2470005947	00D2470005947	CHIP RES.	RM73B--151JT +2125
PA01	RH73		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH74		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH75		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RH76		00D2470011902	00D2470011902	CHIP RES.	RM73B--333JT +2125
PA01	RH77		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH78		00D2470006988	00D2470006988	CHIP RES.	RM73B--561JT +2125
PA01	RH79		00D2470005905	00D2470005905	CHIP RES.	RM73B--101JT +2125
PA01	RS01		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RS02		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RS03		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS04		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS05		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS06		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS07		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS08		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS09		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS10		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS11		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RS12		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RS13		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RS14		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RS15		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RS16		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RS17		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RS18		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RS19		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RS20		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RS26		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RS31		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RS32		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RS33		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS34		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS35		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS36		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RS37		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS38		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS39		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS40		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RS41		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RS42		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RS43		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RS44		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RS45		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RS46		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RS47		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RS48		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RS49		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RS50		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RS56		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RX01		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RX02		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RX03		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RX04		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PA01	RX05		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RX06		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RX07		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX08		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX09		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX10		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX11		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RX12		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RX13		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RX14		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX15		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX16		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX17		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX18		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RX19		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RX20		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RX21		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RX22		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX23		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX24		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX25		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX26		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX27		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX28		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RX31		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RX32		00D2470009901	00D2470009901	CHIP RES.	RM73B--472JT +2125
PA01	RX33		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RX34		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RX35		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RX36		00D2470008928	00D2470008928	CHIP RES.	RM73B--222JT +2125
PA01	RX37		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX38		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX39		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX40		00D2470010903	00D2470010903	CHIP RES.	RM73B--123JT +2125
PA01	RX41		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RX42		nsp	1210100094060	RES.	CFPS1/4CMHTA100J
PA01	RX43		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RX44		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX45		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX46		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX47		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX48		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RX49		00D2470010929	00D2470010929	CHIP RES.	RM73B--153JT +2125
PA01	RX50		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RX51		nsp	00D2472013908	CHIP RES.	RM73B--224JT +1608
PA01	RX52		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX53		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX54		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX55		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PA01	RX56		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX57		00D2470004964	00D2470004964	CHIP RES.	RM73B--680JT +2125
PA01	RX58		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PA01	RX71		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PA01	RX73		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PA01	RX75		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PA01	RX77		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PA01	RX79		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PA01	RX81		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PA01	RX83		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PA01	RX85		nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
FRONT PWB PF01 (00MWG30AK102-)						
PF01	CF01		nsp	00D2570503967	CER. CAP	CC73CH1H150JT +1608
PF01	CF02		nsp	00D2570503967	CER. CAP	CC73CH1H150JT +1608
PF01	CF03		00D2544538913	00D2544538913	ELECT CAP	CE04W1C220MT SMG/RE3
PF01	CF04		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF05		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF06		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608

NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PF01	CF07		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF08		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF11		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF12		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF14		nsp	00D2570506935	CER. CAP	CC73CH1H820JT +1608
PF01	CF15		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF16		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF17		00D2544536928	00D2544536928	ELECT CAP	CE04W1A101MT SMG/RE3
PF01	CF18		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF19		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF20		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF21		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF22		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF23		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF24		00D2544536928	00D2544536928	ELECT CAP	CE04W1A101MT SMG/RE3
PF01	CF25		00D2544538913	00D2544538913	ELECT CAP	CE04W1C220MT SMG/RE3
PF01	CF26		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF27		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF28		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF29		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PF01	CF30		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	CF31		nsp	00D2570511920	CER. CAP	CK73F1H473ZT +1608
PF01	DF04		00MHZ30015050	00MHZ30015050	CHIP DIODE	02CZ6.8-Z ZENER DIODE
PF01	LF01		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PF01	LF02		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PF01	LF03		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PF01	QF01		00MHS30AKM10F	00MHS30AKM10F	U-PRO	R5F21246SNFP FRONT U-PRO
PF01	QF03		00MHC10431990	00MHC10431990	IC	AT24C04N-10SU-1.8
PF01	QF04		00D2623228005	00D2623228005	IC	M66005-0001AHP
PF01	QF05		216450001502S	216450001502S	TRS.	DTC114EUA
PF01	QF06		216450001502S	216450001502S	TRS.	DTC114EUA
PF01	QF07		216450001502S	216450001502S	TRS.	DTC114EUA
PF01	QF08		00MHC10224210	00MHC10224210	IC	BD4742G RESET IC 4.2V
PF01	QF10		216450001502S	216450001502S	TRS.	DTC114EUA
PF01	QF11		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PF01	RF01		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF02		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF04		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF05		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF06		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF07		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF08		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF09		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF10		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF11		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF12		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF13		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF14		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PF01	RF15		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PF01	RF16		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PF01	RF18		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PF01	RF20		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PF01	RF22		nsp	00D2472009941	CHIP RES.	RM73B--682JT +1608
PF01	RF23		nsp	00D2472009967	CHIP RES.	RM73B--822JT +1608
PF01	RF24		nsp	00D2472009941	CHIP RES.	RM73B--682JT +1608
PF01	RF25		nsp	00D2472009967	CHIP RES.	RM73B--822JT +1608
PF01	RF26		nsp	00D2472009941	CHIP RES.	RM73B--682JT +1608
PF01	RF27		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PF01	RF28		00MFC90020150	00MFC90020150	FERRITE CORE	BLM18PG300SN1D
PF01	RF29		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF30		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF31		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF32		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF33		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF34		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF35		nsp	00D2472006902	CHIP RES.	RM73B--331JT +1608
PF01	RF36		nsp	00D2472010927	CHIP RES.	RM73B--153JT +1608

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PF01	RF37		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PF01	RF38		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF39		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF40		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF41		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF42		nsp	00D2472011942	CHIP RES.	RM73B--473JT +1608
PF01	RF43		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF45		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF46		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PF01	RF49		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF50		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF51		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PF01	RF52		nsp	00D2472009941	CHIP RES.	RM73B--682JT +1608
PF01	RF53		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF54		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PF01	RF55		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PF01	RF56		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PF01	RF57		nsp	00D2472006902	CHIP RES.	RM73B--331JT +1608
PF01	RF58		nsp	00D2472006902	CHIP RES.	RM73B--331JT +1608
PF01	SF01		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	SF02		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	SF03		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	SF04		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	SF05		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	SF06		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	SF07		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	SF08		662010001408S	662010001408S	SW	SKHVBF F0052759M
PF01	VF01		172010001004M	172010001004M	DISPLAY	CH2163C
PF01	XF01		00MJX16006350	00MJX16006350	X'TAL	16MHZ XTAL SX-1319
PF01	ZF01		2620100010060	2620100010060	PHOTO UNIT	RPM6936-V4 (IR SENSOR)
					HDMI/AUDIO EX LED PWB PF02 (00MWG30AK103-)	
PF02	DF01		2630100010090	2630100010090	L.E.D.	LT3D8B RED LED
PF02	DF02		2630100010090	2630100010090	L.E.D.	LT3D8B RED LED
					STANDBY LED PWB PF03 (00MWG30AK104-)	
PF03	DF03		2630100010090	2630100010090	L.E.D.	LT3D8B RED LED
					POWER SW PWB PF04 (00MWG30AK105-)	
PF04	▲ S801		0610500020060	0610500020060	SW	ESB92S17B TV-5 STROKE=1.5MM
					VIDEO PWB PV01 (00MWG30AK201-)	
PV01	CE01	/N1B	00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CE01	/N1S	00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CE02	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE02	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE03	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE03	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE04	/N1B	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE04	/N1S	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE05	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE05	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE06	/N1B	1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CE06	/N1S	1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CE07	/N1B	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE07	/N1S	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE08	/N1B	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE08	/N1S	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE09	/N1B	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE09	/N1S	00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CE10	/N1B	1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CE10	/N1S	1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CE11	/N1B	1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CE11	/N1S	1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CE12	/N1B	1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CE12	/N1S	1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CE13	/N1B	00MOA10800620	00MOA10800620	ELECT. CAP.	1000UF 6.3V M RA-2
PV01	CE13	/N1S	00MOA10800620	00MOA10800620	ELECT. CAP.	1000UF 6.3V M RA-2
PV01	CE14	/N1B	00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CE14	/N1S	00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CE15	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608

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PV01	CE15	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE21	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE21	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE22	/N1B	00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CE22	/N1S	00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CE23	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE23	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE24	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE24	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE25	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE25	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CE41	/N1B	nsp	00D2570507976	CER. CAP	CC73CH1H331JT +1608
PV01	CE41	/N1S	nsp	00D2570507976	CER. CAP	CC73CH1H331JT +1608
PV01	CE42	/N1B	nsp	00D2570507976	CER. CAP	CC73CH1H331JT +1608
PV01	CE42	/N1S	nsp	00D2570507976	CER. CAP	CC73CH1H331JT +1608
PV01	CT01		nsp	00D2570506951	CER. CAP	CC73CH1H101JT +1608
PV01	CT02		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT04		nsp	00MDK96105200	CER. CAP.	1UF B 6.3V
PV01	CT07		00MOA47601620	00MOA47601620	ELECT. CAP.	47 UF M 16V RA-2
PV01	CT08		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT21		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT22		1340100455070	1340100455070	ELECT CAP	RA2-25V101MF3#8-T2
PV01	CT23		1340100455070	1340100455070	ELECT CAP	RA2-25V101MF3#8-T2
PV01	CT24		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT25		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CT26		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT27		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT28		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CT29		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT30		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CT31		1340100215010	1340100215010	ELECT CAP	RA2-10V221MF3#8-T2
PV01	CT33		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT34		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CT35		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT36		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CT37		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT38		1340100445040	1340100445040	ELECT CAP	RA2-25V470ME3#8-T2
PV01	CT41		1340100445040	1340100445040	ELECT CAP	RA2-25V470ME3#8-T2
PV01	CT42		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT43		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CT44		1340100445040	1340100445040	ELECT CAP	RA2-25V470ME3#8-T2
PV01	CT51		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CT52		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT53		00MOA10701620	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PV01	CT54		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT55		00MOA10701620	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PV01	CT56		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT57		00MOA10703520	00MOA10703520	ELECT. CAP.	100 UF M 35V RA-2
PV01	CT58		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CT59		1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CT60		1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CT61		1340100235070	1340100235070	ELECT CAP	RA2-10V471MG3#8-T2
PV01	CT62		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CV01		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CV02		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CV03		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CV04		00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CV05		00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CV06		1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CV07		00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CV08		00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CV09		00MOA10606320	00MOA10606320	ELECT. CAP.	10 UF 63V RA-2
PV01	CV10		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CV11		1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CV12		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CV13		1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CV14		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2

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P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PV01	CV15		1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CV16		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CV17		1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CV18		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CV19		1340100715060	1340100715060	ELECT CAP	RA2-50V220ME3#8-T2
PV01	CV20		00MOA10701020	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PV01	CV21		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CV22	/N1B	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CV22	/N1S	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CV31		nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CY91	F N	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	CY92	F N	nsp	00D2570512903	CER. CAP	CK73F1E104ZT +1608
PV01	JE01	/N1B	00MYT02210100	00MYT02210100	TERMINAL	AJ-2050/ SCART
PV01	JE01	/N1S	00MYT02210100	00MYT02210100	TERMINAL	AJ-2050/ SCART
PV01	JT01		00MYJ90014720	00MYJ90014720	JACK	YKC22-0874V
PV01	JV01		00MYT02021810	00MYT02021810	TERMINAL	RJ-1144/04-0500A RCA 2PIN YELLOW
PV01	JV02		00MYJ11000700	00MYJ11000700	JACK	JY-5040/030 S TERMINAL
PV01	JV03		00MYT02030800	00MYT02030800	TERMINAL	RJ-1165/07-0500A RCA 3PIN COMPONENT
PV01	JY91	F N	nsp	00D2046755003	TERMINAL	D-CONNECTOR(AU)
PV01	LE01	/N1B	00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LE01	/N1S	00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LE02	/N1B	00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LE02	/N1S	00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LE21	/N1B	00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LE21	/N1S	00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LE41	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LE41	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LE42	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LE42	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LE43	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LE43	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LE44	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LE44	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	LT01		00MFN31010060	00MFN31010060	EMI FILTER	EMI FILTER BLM11P600S
PV01	LT22		00D2350147912	00D2350147912	EMI FILTER	BLM21PG600SN1
PV01	LT23		00D2350147912	00D2350147912	EMI FILTER	BLM21PG600SN1
PV01	LT24		00D2350147912	00D2350147912	EMI FILTER	BLM21PG600SN1
PV01	LT25		00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LT26		00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	LV01		00MLU12472010	00MLU12472010	CHIP INDUCT	NLV32T-4R7J-PF
PV01	QE01	/N1B	00MHC10102550	00MHC10102550	IC	MM1623XFBE VIDEO AMP
PV01	QE01	/N1S	00MHC10102550	00MHC10102550	IC	MM1623XFBE VIDEO AMP
PV01	QE21	/N1B	216450001502S	216450001502S	TRS.	DTC114EUA
PV01	QE21	/N1S	216450001502S	216450001502S	TRS.	DTC114EUA
PV01	QE22	/N1B	214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
PV01	QE22	/N1S	214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
PV01	QE23	/N1B	214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
PV01	QE23	/N1S	214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
PV01	QE24	/N1B	00MHX115762A0	00MHX115762A0	CHIP TRS.	2SA1576(FQ,FR)
PV01	QE24	/N1S	00MHX115762A0	00MHX115762A0	CHIP TRS.	2SA1576(FQ,FR)
PV01	QT01		214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
PV01	QT21		00MHC36908090	00MHC36908090	IC	NJM7808DL1A
PV01	QT22		00MHC98233990	00MHC98233990	IC	NCP5662DS33R4G
PV01	QT23		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
PV01	QT24		00MHF701492A0	00MHF701492A0	F.E.T.	SI2302ADS-T1-E3
PV01	QT25		214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
PV01	QT26		00MHF701492A0	00MHF701492A0	F.E.T.	SI2302ADS-T1-E3
PV01	QT27		214050003506S	214050003506S	TRS.	2SC4081 (Q_R) (312000451210)
PV01	QV01		00D2623365900	00D2623365900	IC	BH7868FS
PV01	QV02	/N1B	216450001502S	216450001502S	TRS.	DTC114EUA
PV01	QV02	/N1S	216450001502S	216450001502S	TRS.	DTC114EUA
PV01	RE01	/N1B	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RE01	/N1S	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RE02	/N1B	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE02	/N1S	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE03	/N1B	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE03	/N1S	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608

NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PV01	RE04	/N1B	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE04	/N1S	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE05	/N1B	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE05	/N1S	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE06	/N1B	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE06	/N1S	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE07	/N1B	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE07	/N1S	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE08	/N1B	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE08	/N1S	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE09	/N1B	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE09	/N1S	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE21	/N1B	nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RE21	/N1S	nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RE22	/N1B	nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RE22	/N1S	nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RE23	/N1B	nsp	00D2472011968	CHIP RES.	RM73B--563JT +1608
PV01	RE23	/N1S	nsp	00D2472011968	CHIP RES.	RM73B--563JT +1608
PV01	RE24	/N1B	nsp	00D2472007985	CHIP RES.	RM73B--152JT +1608
PV01	RE24	/N1S	nsp	00D2472007985	CHIP RES.	RM73B--152JT +1608
PV01	RE25	/N1B	nsp	00D2472007985	CHIP RES.	RM73B--152JT +1608
PV01	RE25	/N1S	nsp	00D2472007985	CHIP RES.	RM73B--152JT +1608
PV01	RE26	/N1B	nsp	00D2472007985	CHIP RES.	RM73B--152JT +1608
PV01	RE26	/N1S	nsp	00D2472007985	CHIP RES.	RM73B--152JT +1608
PV01	RE27	/N1B	nsp	00D2472011942	CHIP RES.	RM73B--473JT +1608
PV01	RE27	/N1S	nsp	00D2472011942	CHIP RES.	RM73B--473JT +1608
PV01	RE28	/N1B	nsp	00D2472010969	CHIP RES.	RM73B--223JT +1608
PV01	RE28	/N1S	nsp	00D2472010969	CHIP RES.	RM73B--223JT +1608
PV01	RE29	/N1B	nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RE29	/N1S	nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RE30	/N1B	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE30	/N1S	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RE31	/N1B	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE31	/N1S	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RE32	/N1B	nsp	00D2472011968	CHIP RES.	RM73B--563JT +1608
PV01	RE32	/N1S	nsp	00D2472011968	CHIP RES.	RM73B--563JT +1608
PV01	RE41	/N1B	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RE41	/N1S	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RE42	/N1B	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RE42	/N1S	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RE50	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE50	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE51	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE51	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE60	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE60	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE61	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE61	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE80		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE85	/K1G	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE86	F N	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE87	/N1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE87	/N1S	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE88	/U1B	nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RE99	F N	nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RE99	/K1G	nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RE99	/U1B	nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RT01		nsp	00D2472003947	CHIP RES.	RM73B--220JT +1608
PV01	RT02		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RT03		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PV01	RT04		nsp	00D2472008900	CHIP RES.	RM73B--182JT +1608
PV01	RT05		nsp	00D2472008984	CHIP RES.	RM73B--392JT +1608
PV01	RT06		nsp	00D2472005987	CHIP RES.	RM73B--221JT +1608
PV01	RT07		nsp	00D2472004962	CHIP RES.	RM73B--680JT +1608
PV01	RT08		nsp	00D2472012925	CHIP RES.	RM73B--104JT +1608
PV01	RT09		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RT10		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PV01	RT11		nsp	00D2472005987	CHIP RES.	RM73B--221JT +1608
PV01	RT15		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RT16		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RT17		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RT21		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PV01	RT22		nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RT25		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PV01	RT26		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PV01	RT27		nsp	00D2472012925	CHIP RES.	RM73B--104JT +1608
PV01	RT28		nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PV01	RT29		nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RT30		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PV01	RT31		nsp	00D2472008926	CHIP RES.	RM73B--222JT +1608
PV01	RT32		nsp	00D2472012925	CHIP RES.	RM73B--104JT +1608
PV01	RT33		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RT34		nsp	00D2472012925	CHIP RES.	RM73B--104JT +1608
PV01	RT90		00MNI01102110	00MNI01102110	CHIP RES.	1K OHM +- 1% 1/10W
PV01	RT91		00MNI01271110	00MNI01271110	CHIP RES.	270 OHM +- 1% 1/10W
PV01	RT92		00MNI01391110	00MNI01391110	CHIP RES.	390 OHM +- 1% 1/10W
PV01	RT94		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RT96		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RT97		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RV01		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RV02		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RV03	/N1B	nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PV01	RV03	/N1S	nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608
PV01	RV04	/N1B	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RV04	/N1S	nsp	00D2472005903	CHIP RES.	RM73B--101JT +1608
PV01	RV05		nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RV06		nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RV07	/N1B	nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RV07	/N1S	nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RV08		nsp	00D2472009909	CHIP RES.	RM73B--472JT +1608
PV01	RV31		nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RV32		nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RV33		nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RV34		nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RV35		nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RV36		nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RV37		nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RV38		nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RV39		nsp	00D2472009941	CHIP RES.	RM73B--682JT +1608
PV01	RV41		nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RV42		nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RV43		nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RV44		nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RV45		nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RV46		nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RV51		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RV54		nsp	00D2472007969	CHIP RES.	RM73B--122JT +1608
PV01	RV55		nsp	00D2472007969	CHIP RES.	RM73B--122JT +1608
PV01	RV56		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RV59		nsp	00D2472007969	CHIP RES.	RM73B--122JT +1608
PV01	RV60		nsp	00D2472007969	CHIP RES.	RM73B--122JT +1608
PV01	RV61		nsp	00D2472018903	CHIP RES.	RM73B--0R0KT +1608
PV01	RV64		nsp	00D2472007969	CHIP RES.	RM73B--122JT +1608
PV01	RV65		nsp	00D2472007969	CHIP RES.	RM73B--122JT +1608
PV01	RV66		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RV69		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RV71		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RV74		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RV76		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RV79		nsp	00D2472007943	CHIP RES.	RM73B--102JT +1608
PV01	RY91	F N	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RY92	F N	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RY93	F N	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RY94	F N	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608

NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PV01	RY95	F N	nsp	00D2472004904	CHIP RES.	RM73B--390JT +1608
PV01	RY96	F N	nsp	00D2472003989	CHIP RES.	RM73B--330JT +1608
PV01	RY97	F N	nsp	00D2472009941	CHIP RES.	RM73B--682JT +1608
PV01	RY98	F N	nsp	00D2472009941	CHIP RES.	RM73B--682JT +1608
PV01	RY99	F N	nsp	00D2472009983	CHIP RES.	RM73B--103JT +1608

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

17. ABOUT REPLACE THE MICROPROCESSOR WITH A NEW ONE

When replaced of the U-PRO (Microprocessor) or the Flash ROM, confirm contents of the following.

PWB Name	Pos. No.	Description	After replaced	Remark
PF01	QF01	R5F21246SNFP FRONT U-PRO	B	

After replaced

- A** : Mask ROM (With software). No need write-in of software to the microprocessor.
- B** : Flash ROM (With software). Usually, no need write-in of software. But, when the software was updated, you should be write-in of the new software to the microprocessor or flash ROM. Please check the software version.
- C** : Empty Flash ROM (Without software). You should be write-in of the software to the microprocessor or flash ROM. Refer to "Update procedure" or "writing procedure", when you should be write-in the software.

マイコン等を交換した場合の対応について

U-PRO(マイコン)およびFlash ROM等を交換した場合の対応方法を下記の記載します。

PWB Name	Pos. No.	Description	交換時の対応	備考
PF01	QF01	R5F21246SNFP FRONT U-PRO	B	

交換時の対応

- A** : Mask ROM (ソフトウェア書き込み済み) 交換時にソフトウェアの書き込みは必要ありません。
- B** : Flash ROM (ソフトウェア書き込み済み) バージョンアップにより交換時にソフトウェアの書き換えが必要な場合があります。バージョンの確認をしてください。
- C** : 空ROM (Flash ROM) 交換時必ずソフトウェアの書き込みが必要になります。Update、書き込み方法を参照してください。