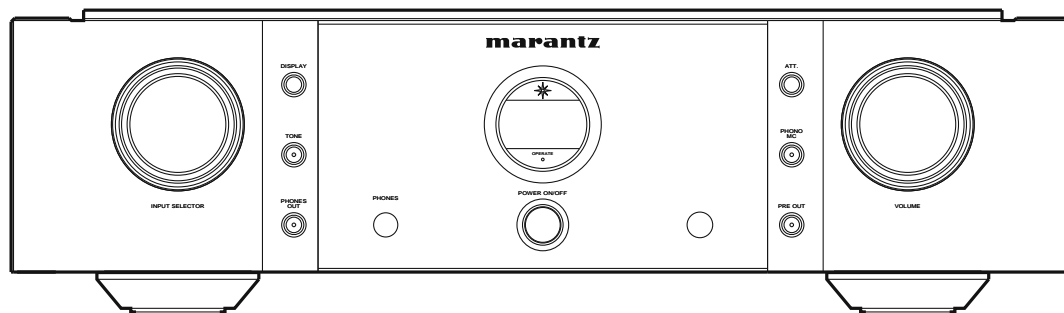


Service Manual

SC-11S1 /F N/K1G/N1G/U1G/N1S

Stereo Control Amplifier



SC-11S1

TABLE OF CONTENTS

SECTION	PAGE
1. TECHNICAL SPECIFICATIONS.....	1
2. CAUTION.....	1
3. ALIGNMENTS.....	2
4. SERVICE MODE.....	3
5. UPDATE FIRMWARE	7
[A] SOFTWARE (fdtv307r01.exe) DOWNLOADS AND INSTALLS PROCEDURE	7
[B] WRITING AND UPDATE SOFTWARE.....	23
6. WIRING DIAGRAM.....	35
7. BLOCK DIAGRAM.....	37
8. SCHEMATIC DIAGRAM.....	39
9. PARTS LOCATION	53
10. EXPLODED VIEW AND PARTS LIST	69
11. MICROPROCESSOR AND IC DATA.....	73
12. ELECTRICAL PARTS LIST.....	79
13. ABOUT REPLACE THE MICROPROCESSOR WITH A NEW ONE.....	101

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®

SC-11S1

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

MARANTZ AMERICA, INC
100 CORPORATE DRIVE
MAHWAH, NEW JERSEY 07430
USA

EUROPE / TRADING

MARANTZ EUROPE B.V.
P. O. BOX 8744, BUILDING SILVERPOINT
BEEMDSTRAAT 11, 5653 MA EINDHOVEN
THE NETHERLANDS
PHONE : +31 - 40 - 2507844
FAX : +31 - 40 - 2507860

CANADA

D&M CANADA INC.
5-505 APPLE CREEK BLVD.
MARKHAM, ONTARIO L3R 5B1
CANADA

JAPAN

D&M Holdings Inc.
D&M BUILDING, 2-1 NISSHIN-CHO,
KAWASAKI-KU, KAWASAKI-SHI,
KANAGAWA, 210-8569 JAPAN

株式会社 ディーアンドエムホールディングス

本 社 〒210-8569
神奈川県川崎市川崎区日進町2-1 D&Mビル



KOREA

D&M SALES AND MARKETING KOREA LTD.
CHUNG JIN B/D., #1001,
53-5, WONHYORO 3 GA, YONGSAN-GU,
SEOUL, 140-719, KOREA
PHONE : +82 - 2 - 323 - 2155
FAX : +82 - 2 - 323 - 2154


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

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ものを使用して下さい。

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. 60065.

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

1. TECHNICAL SPECIFICATIONS

Power output (20 Hz ~ 20 kHz)

..... 2.0V (BALANCED)

..... 2.0V (UNBALANCED)

Maximum output (20Hz ~ 20kHz)

..... 13.5V (BALANCED)

..... 13.5V (UNBALANCED)

Total frequency distortion (20Hz ~ 20kHz)

..... 0.002% (BALANCED)

..... 0.003% (UNBALANCED)

Frequency response (±3dB)

..... 5Hz ~ 120kHz(BALANCED)

..... 5Hz ~ 120kHz(UNBALANCED)

Input sensitivity/Input impedance

PHONO (MC)..... 280μV/100Ω

PHONO (MM) 2.9mV/47kΩ

BALANCED 250mV/20kΩ

CD/LINE/RECORDER 250mV/20kΩ

S/N rate (IHF-A network, 0.5V output)

PHONO (MC)..... 78dB (0.5mV input)

PHONO (MM) 89dB (5mV input)

BALANCED 98dB (500mV input)

CD/LINE/RECORDER 98dB (500mV input)

Tone control

Bass (50Hz) ±8.0dB

Treble (20kHz)..... ±8.0dB

Maximum allowed PHONO input (1kHz)

MC 15mV

MM 150mV

Headphone maximum output (20Hz ~ 20kHz)

..... 200mW + 200mW (32Ω load)

..... 400mW + 400mW (600Ω load)

Headphone total frequency distortion (20Hz ~ 20kHz)

..... 0.015%

Headphone frequency response (±3dB) 5Hz ~ 100kHz

Power requirement

[/F] AC 100V 50/60Hz

[/N] AC 230V 50/60Hz

[/U] AC 120V 60Hz

Power consumption

EN60065, UL60065 35W

J60065 [/F] 30W

Maximum outer dimensions

Width 440mm (17-3/8 in)

Height 127mm (5 in)

Depth 431mm (17 in)

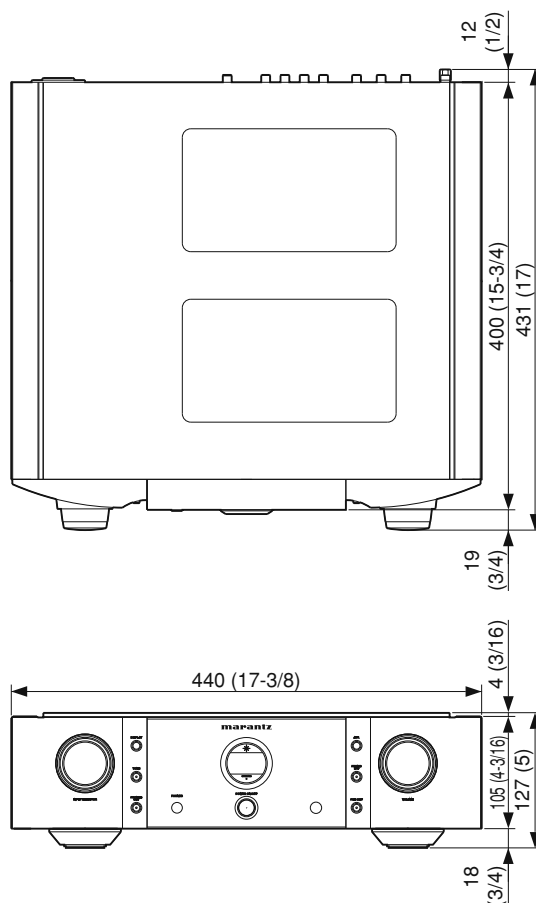
Weight 16.0kg (35.3 lbs)

Accessories

Remote controller 1

AAA/R03 batteries 2

Detachable AC power cable..... 1



2. CAUTION

The layout of this amplifier is well concerned for sound quality.

1. When screws and washers are removed, those parts must be set to the same places.
2. When wires are removed, the wires must be installed in the same roots, same places.
3. Do not hold the side panel (001D) to move the unit when the unit is disassembled.

2. 注意

当機は音質を考慮したレイアウトになっています。

1. ネジやワッシャー類を取り外した場合、元の位置に取り付けてください。
2. ワイヤ類を取り外した場合の配線ルートは、元のルート通りに戻してください。
3. 当機を分解した状態で移動するときは、サイドパネル (001D) を持たないでください。

3. ALIGNMENTS

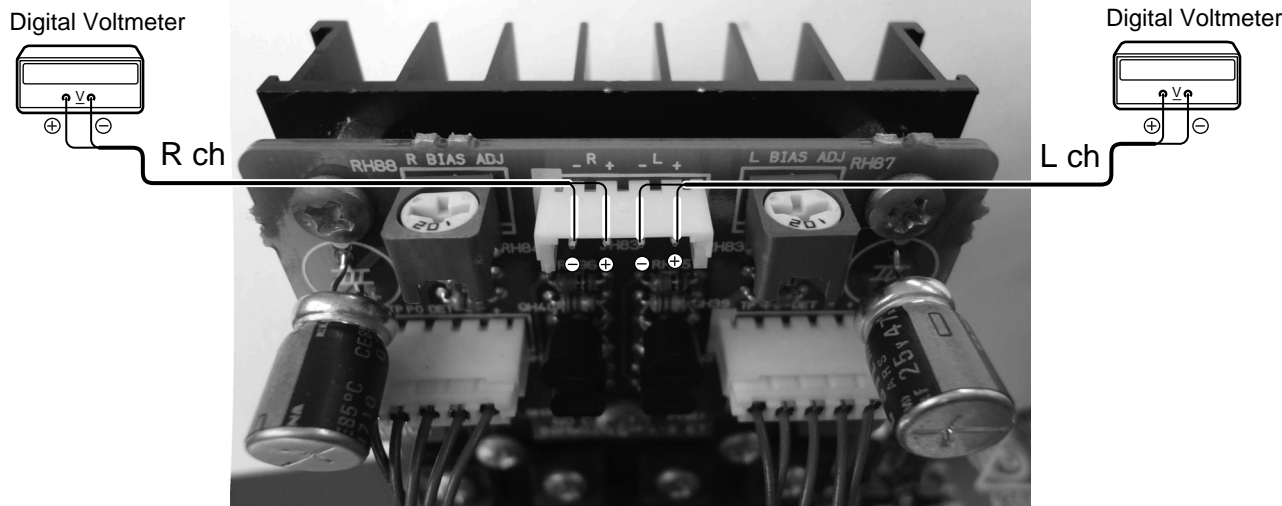
Idling Current Adjustment (for PHONES power amp.)

Set the power voltage to rated voltage for this adjustment.
Adjust the Idling Current with the variable resistor RH87 and RH88 on the PWB (PH81).

アイドルリング電流調整（ヘッドフォンアンプ用）

調整時は必ず電源電圧を定格電圧に合わせてください。
PH81基板上の半固定抵抗RH87とRH88でアイドルリング電流を調整します。

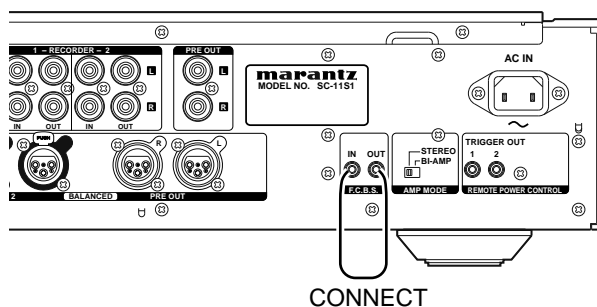
PH81



1. Turn off the power.
2. Connect Digital Voltage to No. 1 to No.4 pin of **JH83**.
(The connection is follows)
 - No. 1 pin (Rch -) : Digital Voltage "-"
 - No. 2 pin (Rch +) : Digital Voltage "+"
 - No. 3 pin (Lch -) : Digital Voltage "-"
 - No. 4 pin (Lch +) : Digital Voltage "+"
3. Before turning on the power, **RH87** and **RH88** have been counter clockwise turned with the adjustment driver.
4. Turn on the power.
5. After turn on the power 3 minutes, With seeing the digital voltage meter turn the variable resistor clockwise slowly to adjust the idling current. Idling adjustment with **RH87** (**RH88**).
 - Turn RH87 (RH88) clockwise to increase the idling current.
 - The adjustment value of idling current is "**10mV(10mA) ±0.5mV(0.5mA)**" each.
6. After turn on the power 5 minutes, repeat the Same procedure as 5.
 - The adjustment value of idling current is "**10mV(10mA) ±0.5mV(0.5mA)**" each.
7. Idling current decreases with the temperature rise inside the unit, and it is set to about **9mV (9mA)** of setting value in about 30 minutes after turn on the power.
Adjustment is completed.
8. Remove connection cable, attach the top cover.

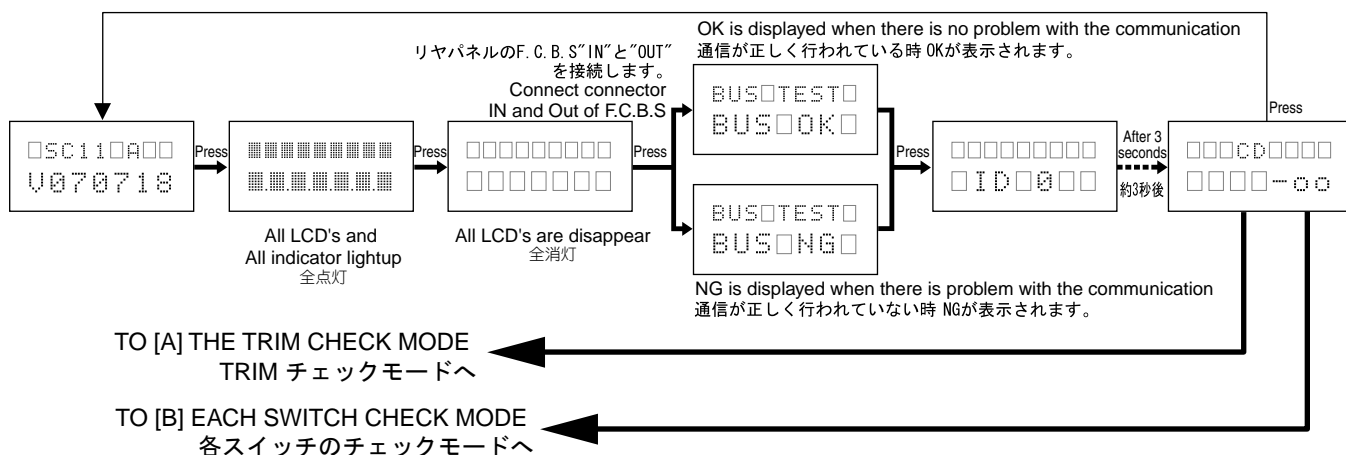
1. 電源をOFFします。
2. PH81基板の**JH83**にデジタルボルトメーターを接続します。
接続は下記です。
 - 1番ピン（Rch -）：デジタルボルトメーター "-"
 - 2番ピン（Rch +）：デジタルボルトメーター "+"
 - 3番ピン（Lch -）：デジタルボルトメーター "-"
 - 4番ピン（Lch +）：デジタルボルトメーター "+"
3. 電源を投入する前に半固定抵抗**RH87**と**RH88**を、調整ドライバーで反時計方向に回しきってください。
4. 電源をONします。
5. 電源を投入後3分経過したら、PH81基板の**JH83**に接続したデジタルボルトメーターの電圧値を監視しながら、半固定抵抗**RH87**(**RH88**)をゆっくりと時計向に回してください。
 - **RH87**と**RH88**を時計方向に回すとアイドルリング電流が増加します。
 - アイドリング電流の調整値はそれぞれ "**10mV(10mA) ±0.5mV(0.5mA)**" にします。
6. 電源投入から5分経過後、上記5.の手順でもう一度調整します。
 - アイドリング電流の調整値はそれぞれ "**10mV(10mA) ±0.5mV(0.5mA)**"にします。
7. 調整過後、セット内の温度上昇に伴いアイドルリング電流が減少します。電源投入30分後で設定値の"**約9mV(9mA)**"になります。
8. 以上で調整は完了です。
9. デジタルボルトメーターの接続を外し、トップカバーを取付けます。

4. SERVICE MODE



1. To enter the Service Mode, press the **POWER ON/OFF** button with pressing the **DISPLAY** and **ATT** buttons to turn on the unit. (Or when the remote code "166363" is received while power is ON.)
When into the Service Mode, the memory is cleared and the unit is initialized.
2. The Model name and Version number are displayed on the Front LCD.
Whenever press the **DISPLAY** button, the display changes as follows.
Turn off power to quit service mode.

1. 本体の**DISPLAY**ボタンと**ATT**ボタンを押しながら**POWER ON/OFF**ボタンを押します。
(または、電源ON中にリモコンコード"166363"を受信します。)これでサービスモードに入ります。
注意：サービスモードに入ると、全ての設定がクリアされ出荷状態になります。
2. 始めにモデル名、バージョンが表示されます。
DISPLAYボタンを押すたびに下記の表示となります。
POWER ON/OFFボタンを押し、電源を切るとサービスモードが解除されます。

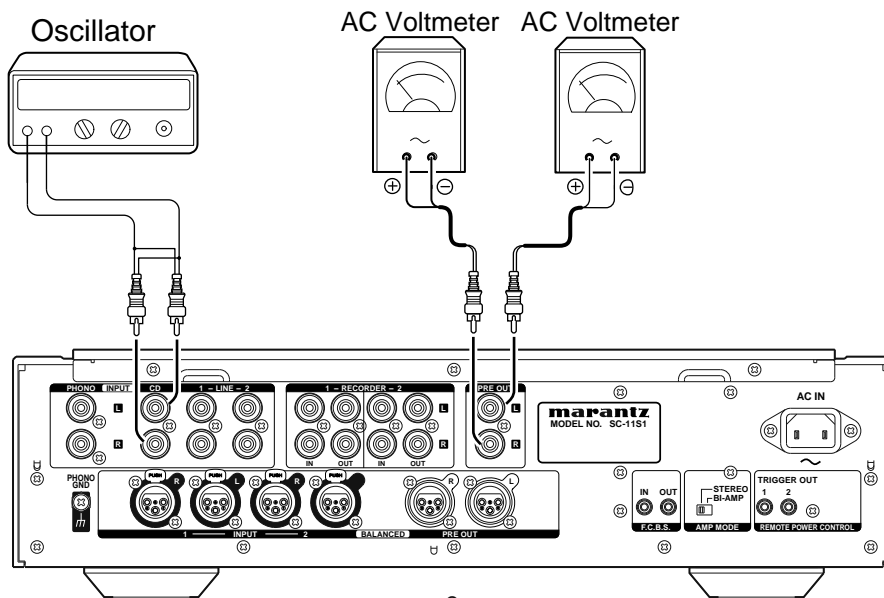


[A] THE TRIM CHECK MODE

Before press the **TONE** button, following connection and setup are required.

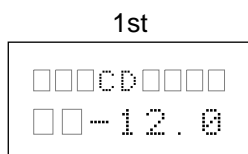
[A] TRIMチェックモード

TONE ボタンを押す前に、下記の接続と設定を行います。



1. Oscillator is connected to R and L of CD input terminal.
2. Voltmeter is connected R CH and L CH of PRE OUT Jacks.
3. Adjust out put level of Oscillator to "500 mV, 1 kHz".
4. Turn **INPUT SELECTOR** knob, and select **CD**.
5. Turn VOLUME knob, and adjust volume level to "-12.0 dB".
6. Press **PRE OUT** button.
7. Press **TONE** button. (1 st)
"-12.0 dB" is displayed and speaker output voltage is set to about 1.0 V.

1. CD 入力端子のR とL に発振器を接続します。
2. PRE OUT 端子のRCH, LCHにACボルトメーターを接続します。
3. 発振器を「500mV, 1kHz」に設定します。
4. **INPUT SELECTOR** ツマミを回し"CD"を選択します
5. VOLUME ツマミを回し"-12.0 dB"にあわせませす。
6. **PRE OUT** ボタンを押します。
7. **TONE** ボタンを押します。(1 回目)
ディスプレイに"-12.0 dB"と表示され、スピーカー出力電圧は約1.0V になります。



When adjust output level with 1.0V correctly, tune the output voltage of Oscillator to fine adjustment.
After, whenever press the **TONE** button, 1.0V of output level are made into 0dB standard, TRIM adjustment function works and output level changes according to the display.

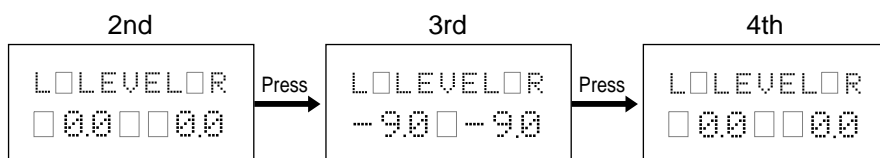
正確に1.0V に合わせる場合は発振器の出力電圧を微調整してください。

以降、出力レベルの1.0V を基準 (0dB) として、**TONE** ボタンを押すごとにトリム調整機能が働き表示に従い出力レベルが変化します。

TO ENTER THE LEVEL TRIM ADJUSTMENT MODE.

8. Set frequency of Oscillator to "1 kHz".
Whenever press the **TONE** button, the display changes as follows and output level changes according to the display.

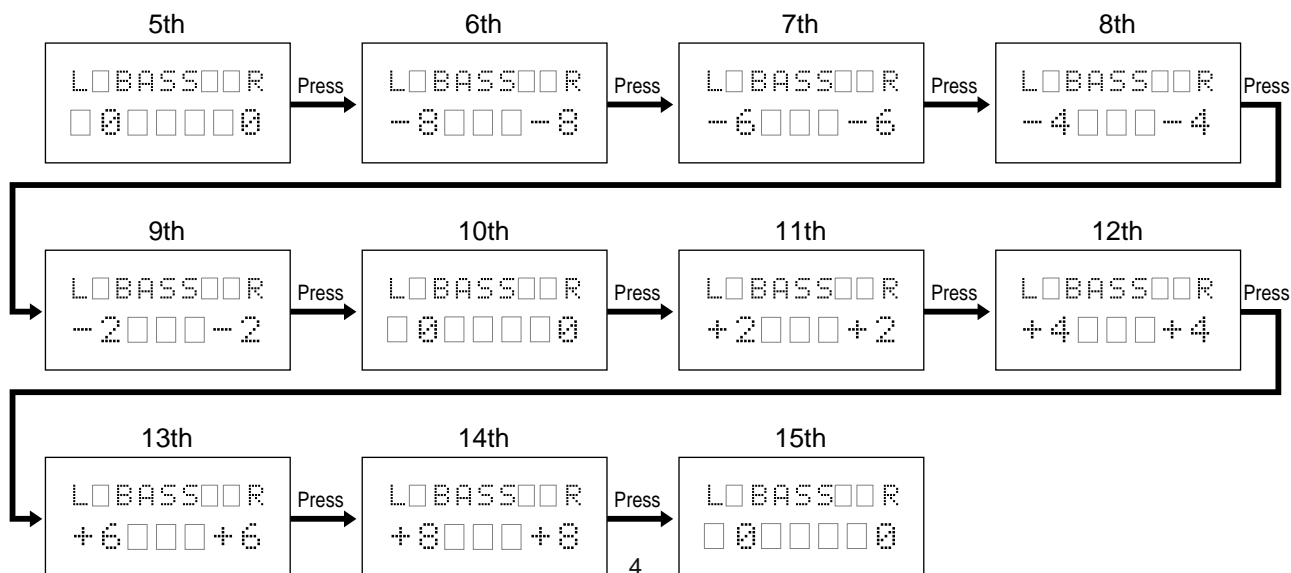
8. **TONE** ボタンを押します。(2 回目)
LEVEL TRIM調整モード表示になります。
発振器の周波数を **1 kHz**にしてください。
TONE ボタンを押すごとに下記のように表示が変わり、表示に従い出力レベルが変わります。



TO ENTER THE BASS TRIM ADJUSTMENT MODE.

9. Set frequency of Oscillator to "50 Hz".
Whenever press the **TONE** button, the display changes as follows and output level changes according to the display.

9. **TONE** ボタンを押します。(5 回目)
BASS TRIM調整モード表示になります。
発振器の周波数を **50 Hz**にしてください。
TONE ボタンを押すごとに下記のように表示が変わり、表示に従い出力レベルが変わります。



TO ENTER THE TREBLE TRIM ADJUSTMENT MODE.

10. Set frequency of Oscillator to "30 kHz".

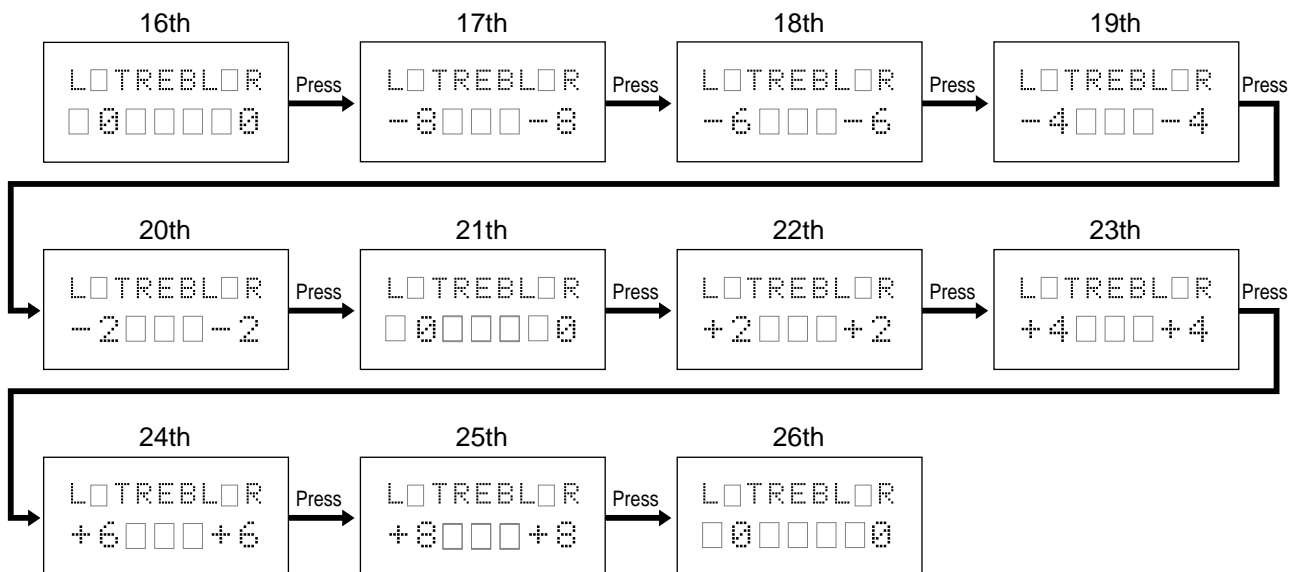
Whenever press the **TONE** button, the display changes as follows and output level changes according to the display.

10. **TONE** ボタンを押します。(16 回目)

TREBLE調整モード表示になります。

発振器の周波数を**30 kHz** にしてください。

TONE ボタンを押すごとに下記のように表示が変わり、表示に従い出力レベルが変わります。



TRIM check mode is completed.

TRIM チェックモードは終了です。

11. Press **DISPLAY** button, the display will be the following.

11. **DISPLAY** ボタンを押します。下記の表示になります。

```

0000CD0000
00-12.0

```

12. Press **DISPLAY** button, the display will be the following.

12. **DISPLAY** ボタンを押します。下記の表示になります。

```

0SC110A00
0070718

```

13. Turn off power to quit service mode.

Service mode can be ended if turn off power from every procedure.

When into the Service Mode, the memory is cleared and the unit is initialized.

13. **POWER ON/OFF** ボタンを押し、電源を切ります。

サービスモードが解除されます。サービスモードはどの手順からも電源を切ると終了することができます。

サービスモードを終了すると、本体の設定は全て下記の出荷状態になります。

Initial settings 出荷状態内容

設定値

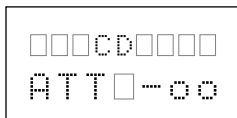
CONTRAST : 0
ID No. : 0
SIDE ILLUMINATION : ON
LEVEL TRIM : 0.0 (L/R)
BASS TRIM : 0 (L/R)
TREBLE TRIM : 0 (L/R)
ATT : -20dB
VOLUME : -∞
ATT : OFF

モード設定

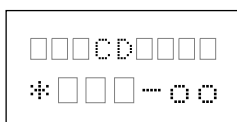
INPUT SELECTOR : CD
DISPLAY : OFF
TONE : OFF
SUBSONIC FILTER : OFF
PHONO MC : OFF(MM)
PRE OUT : ON
PHONES OUT : ON

[B] EACH SWITCH CHECK MODE

1. Check the INPUT SELECTOR
Rotate the **INPUT SELECTOR** knob, and the name of the input source shown in the upper part of the display will be changed.
2. Check the VOLUME
Rotate the **VOLUME** knob and the display will indicate a changed volume status in its lower part.
3. Check the ATT button
Press the **ATT** button, and the display will indicate a change as shown in the right, and the lower part of the display will blink.



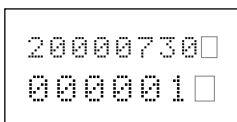
4. Check the PHONO MC button
Every one push of the **PHONO MC** button will turn on/off the blue LED in the center of the button.
5. Check the PRE OUT button
Every one push of the **PRE OUT** button will turn on/off the blue LED in the center of the button.
6. Check the PHONES OUT button
Every one push of the **PHONES OUT** button will turn on/off the blue LED in the center of the button.
7. Check the MODE SWITCH on the rear panel
When the switch is in the **BI-AMP** position, "⚡" is indicated on the extreme right of the lower part of the display.



During normal operations, the mode switch determines BI-AMP or STEREO when the unit is powered on, therefore, the power needs to be on again. However, in the factory mode, the display indicates the current status of the switch so that the switch operations can be checked easily.

[C] SERIAL NUMBER CHECK MODE

1. To enter the serial number check mode, press the **POWER ON/OFF** button with pressing the **TONE** and **PHONO MC** buttons to turn on the unit.
2. The Serial number is displayed on the Front LCD.
Turn off power to quit serial number check mode.



[B] 各スイッチのチェックモード

1. INPUT SELECTORチェック
INPUT SELECTORつまみを回すとディスプレイ上段の入力ソース名が変わります。
2. VOLUMEチェック
VOLUMEつまみを回すとディスプレイ下段の音量表示が変わります。
3. ATTボタンチェック
ATTボタンを押すと下図のように変わり下段は点滅します。

4. PHONO MCボタンチェック
PHONO MCボタンを押すごとにボタン中央の青いLEDが点灯/消灯します。
5. PRE OUTボタンチェック
REC OUTボタンを押すごとにボタン中央の青いLEDが点灯/消灯します。
6. PHONES OUTボタンチェック
PHONES OUTボタンを押すごとにボタン中央の青いLEDが点灯/消灯します。
7. リアパネルのMODEスイッチのチェック
BI-AMPのポジションにするとディスプレイ下段の左端に"⚡"が表示されます。

通常の動作状態ではモードスイッチは電源投入時にBI-AMPかSTEREOかを検出しますので、電源の再投入が必要ですが、ファクトリーモードではスイッチの動作チェックのためディスプレイで確認できるようにしています。

[C] シリアル番号の確認

1. 本体の**TONE**ボタンと**PHONO MC**ボタンを押しながら**POWER ON/OFF**ボタンを押します。これでシリアル番号の確認モードに入ります。
2. シリアル番号が表示されます。
POWER ON/OFFボタンを押し、電源を切るとシリアル番号の確認モードが解除されます。

5. UPDATE FIRMWARE

[A] SOFTWARE (fdtv307r01.exe) DOWNLOADS AND INSTALLS PROCEDURE

[A-1] DOWNLOADS OF THE SOFTWARE

(Flash Development Toolkit: the rest is FDT)

Download the software for update/write-in of the microprocessor.

1. Launch the browser.
2. Type the "http://www.renesas.com/" into an address. And click the **Go** or press the **Enter** on keyboard of PC.

NOTE : This site is managed by RENESAS. The following explanation may differ from the actual composition. When different, please proceed along with the site composition of RENESAS.

3. Click the **GLOBAL SITE**.

5. UPDATE FIRMWARE

[A] SOFTWARE (fdtv307r01.exe) DOWNLOADS AND INSTALLS PROCEDURE

[A-1] DOWNLOADS OF THE SOFTWARE

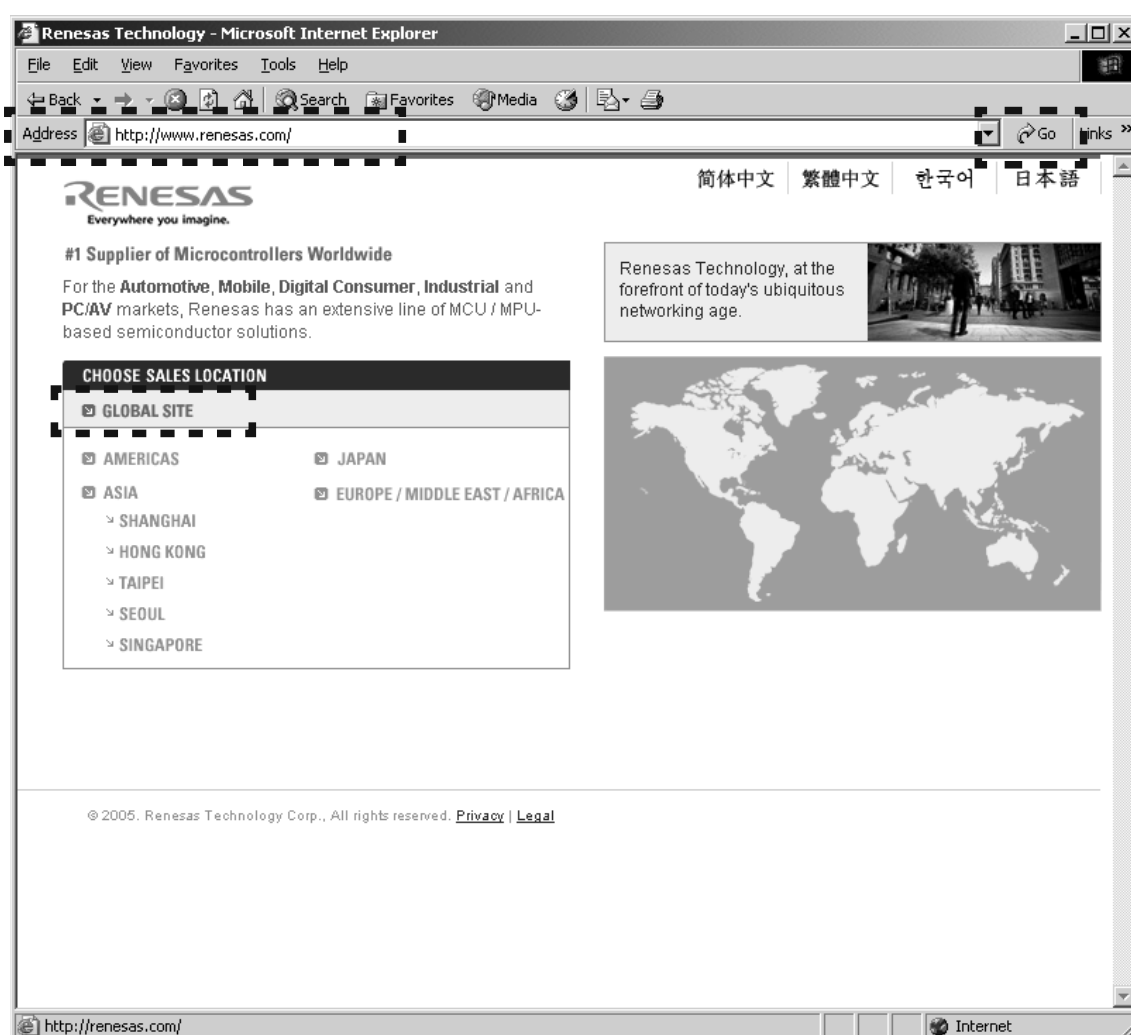
(Flash Development Toolkit: 以下 FDT)

マイコンの書き込み用ソフトウェア(FDT)をダウンロードします。

1. ブラウザ(インターネットエクスプローラーなど)を立ち上げます。
2. ブラウザのアドレスに"http://www.renesas.com/"を入力し、**移動**、またはキーボードの**Enter**を押します。

注意：このサイトはRENESASが管理しているため、以下の説明が実際のサイト構成と異なっている場合があります。その場合は実際のRENESASのサイト構成に沿って進めてください。

3. **GLOBAL SITE**をクリックします。



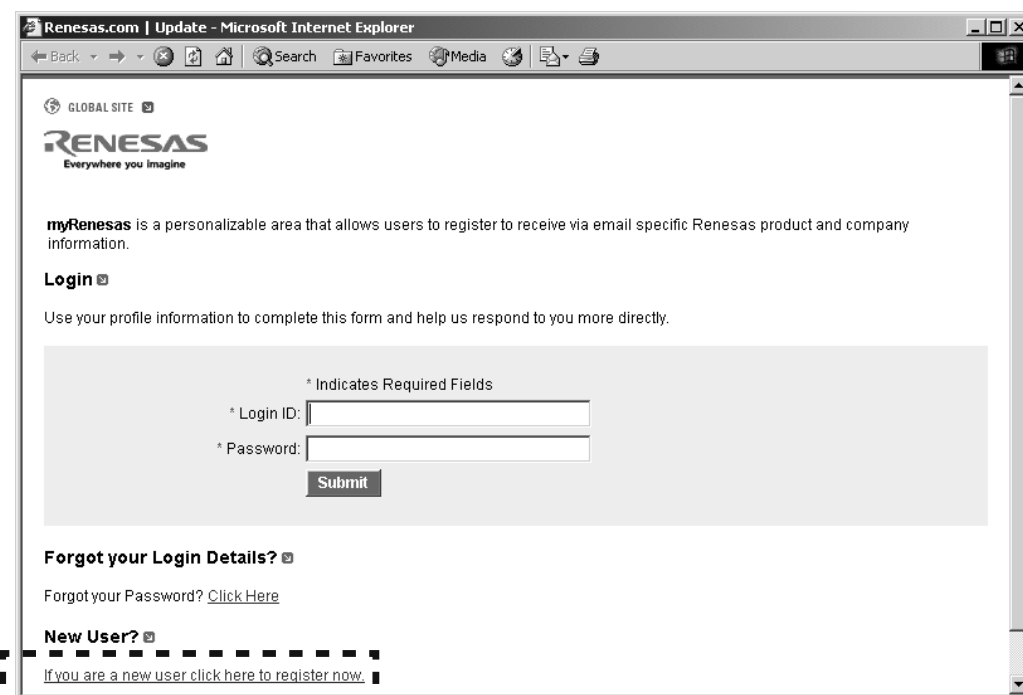
4. A login ID is necessary to download the FDT.
If you have Login ID, please advance to step 15.
If you do not have Login ID, Click the **MY RENESAS**.

4. FDTのダウンロードにはLogin IDが必要になります。
既にLogin IDを持っている方は手順の15へ進んでください。
Login IDを持っていない方は**MY RENESAS**をクリックします。



5. Click the **If you are a new user click here to register now.**

5. **If you are a new user click here to register now**をクリックします。



6. Choose **Non Secure** or **Secure** in Security Level at your network environment.
Choose **English** or **another one** in Region and Language.
6. PCのネットワーク環境によりChoose Security Levelから**Non Secure**, または**Secure**を選んでください。
Choose Region and Languageから日本語をクリックします。

GLOBAL SITE

RENASAS
Everywhere you imagine

Select Region

Choose Security Level
☒ Non Secure ☐ Secure

Choose Region and Language

Shanghai	English	簡体中文	繁體中文
Hong Kong	English	簡体中文	繁體中文
Seoul	English	한국어	
Singapore, Australia, India, Indonesia, Malaysia, Thailand, Vietnam, New Zealand & Philippines	English		
Taipei	English	繁體中文	
Japan	日本語		
Europe, Middle East, Africa	English		
North America	English		

Legal Privacy © 2006 RENASAS TECHNOLOGY CORPORATION, ALL RIGHTS RESERVED.

7. Input the each item.
- NOTE :** The items displayed by a language and region are different.
7. 各項目を記入します。
- 注意 :** 下記説明は英語ですが、日本語を選んだ場合日本語で表示されます。

GLOBAL SITE

RENASAS
Everywhere you imagine

Account Registration

To register for Renesas.com, please provide the following information.

* Indicates Required Fields

Title:

* Given Name / First Name:

* Family Name / Last Name:

* Email Address:

* Company Name:

* Job Title:

Address 1:

Address 2:

City:

State:

* Country / Region:

Postal Code:

* Phone Number:

* Select Login ID:

8. If you have inputted the necessary items, check the **I Agree**, and click the **Submit**.

8. 必須項目を入力したならば、**同意します**にチェックを入れ、**送信**をクリックします。

City:

State:

* Country / Region:

Postal Code:

* Phone Number:

* Select Login ID:

* Select Password:

* Password (confirm):

* Password Hint:

* Answer:

☐ Do not supply my information to authorized distributors.

☒ Renesas may use the e-mail address I have provided above to send me marketing promotions and news updates.

☐ Renesas Sales can contact me.

Registration Agreement

Do you allow Renesas to process and store the information you submit in accordance with the Renesas Privacy Policy? [Click Here](#)

☐ I Disagree ☒ I Agree

Submit

TRUSTe
site privacy statement

Legal Privacy © 2006 RENESAS TECHNOLOGY CORPORATION, ALL RIGHTS RESERVED.

9. The input is needless in this page.
Scroll down the page.

9. このページは入力しなくても結構です。
ページをスクロールダウンします。

GLOBAL SITE

RENESAS
Everywhere you Imagine

Content Subscription

Select a set of products and add them to your subscription list using the pulldowns below. Select "ALL" in a pulldown to subscribe to all newsletters related to a topic. Select "NONE" to subscribe to high-level information about a topic only.

Category:

Family:

Series:

Group: **Add**

Subscribed Products

Category	Family	Series	Group
Empty			

Applications / System Solutions

☐ Digital Home Electronics

☐ Automotive

☐ Network

☐ Wireless

10. Click the **Submit**.

10. 送信をクリックします。

The screenshot shows a web browser window titled "Renesas.com | Update - Microsoft Internet Explorer". The address bar displays "http://update.renesas.com/registration/register1.do". The form contains several dropdown menus for "Category", "Family", "Series", and "Group", with an "Add" button next to the "Group" dropdown. Below these is a table titled "Subscribed Products" with columns "Category", "Family", "Series", and "Group", which is currently empty. Further down, there are checkboxes for "Applications / System Solutions" (Digital Home Electronics, Automotive, Network, Wireless) and "Other" (News and Events, Press Releases). A "Submit" button is located at the bottom of the form. The footer includes "Legal", "Privacy", and copyright information for "© 2006 RENESAS TECHNOLOGY CORPORATION, ALL RIGHTS RESERVED."

11. Immediately, an E-mail arrives from the RENESAS.
Click the link in the E-mail to go to the registration site,
and input the Login ID and Password.
And Click the **Submit**.

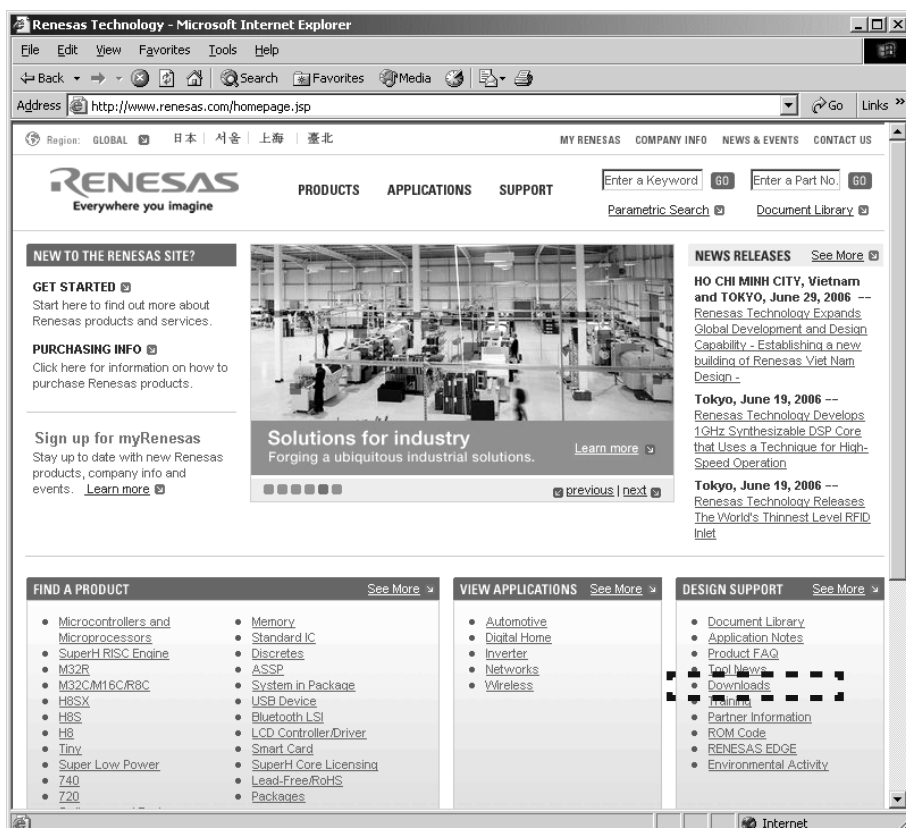
11. 直ちに、RENESASからE-mailが届きます。
E-mail内に有る登録サイトへのリンクをクリックします。
Login IDとPasswordを入力し**Submit**をクリックします。

The screenshot shows a web browser window titled "Renesas.com | Update - Microsoft Internet Explorer". The address bar displays "http://update.renesas.com/registration/authentication.do?action=authentication&destination=HTTP://www.renesas.com:808/". The page features the Renesas logo and the text "GLOBAL SITE". Below the logo is a "Login" section with the instruction "Please login to proceed Download Process." A dashed box highlights the login fields, which include "Login ID:" and "Password:" labels, each followed by a text input field. A "Submit" button is located below the input fields. Below the login section, there are links for "Forgot your Login Details?", "Forgot your Password? Click Here", "New User?", and "If you are a new user click here to register now.". The footer includes "Legal", "Privacy", and copyright information for "© 2006 RENESAS TECHNOLOGY CORPORATION, ALL RIGHTS RESERVED."

12. Registration is finished.
 13. Open the RENESAS top page from registration page.
 14. Click the **GLOBAL SITE**.
12. 登録が完了します。
 13. 登録ページに有るリンクからRENESASのトップページに移動します。
 14. **GLOBAL SITE**をクリックします。

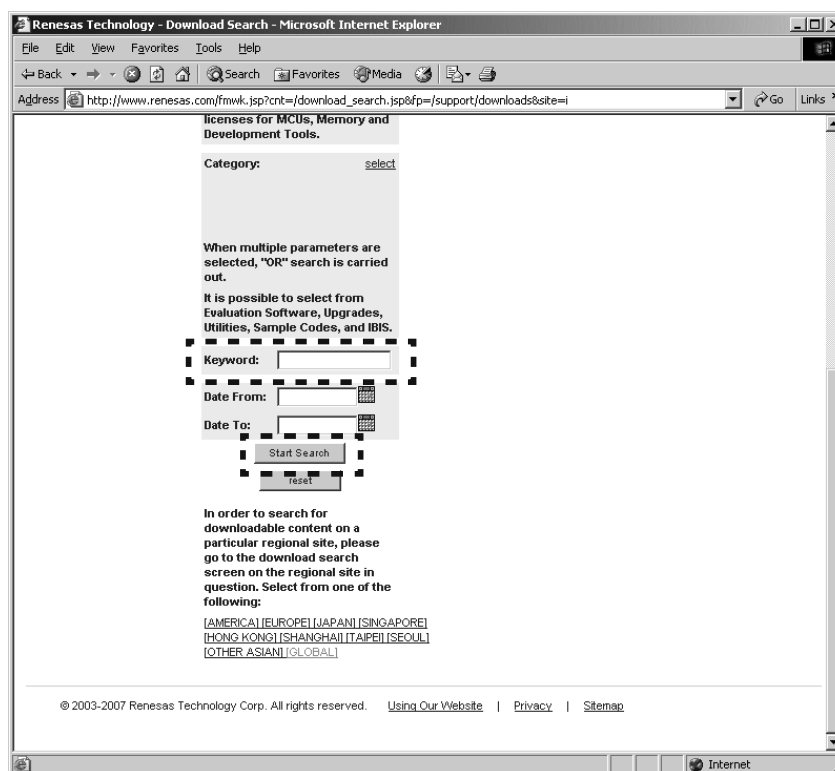


15. Click the **Downloads** in the DESIGN SUPPORT.
15. DESIGN SUPPORT内の**Downloads**をクリックします。



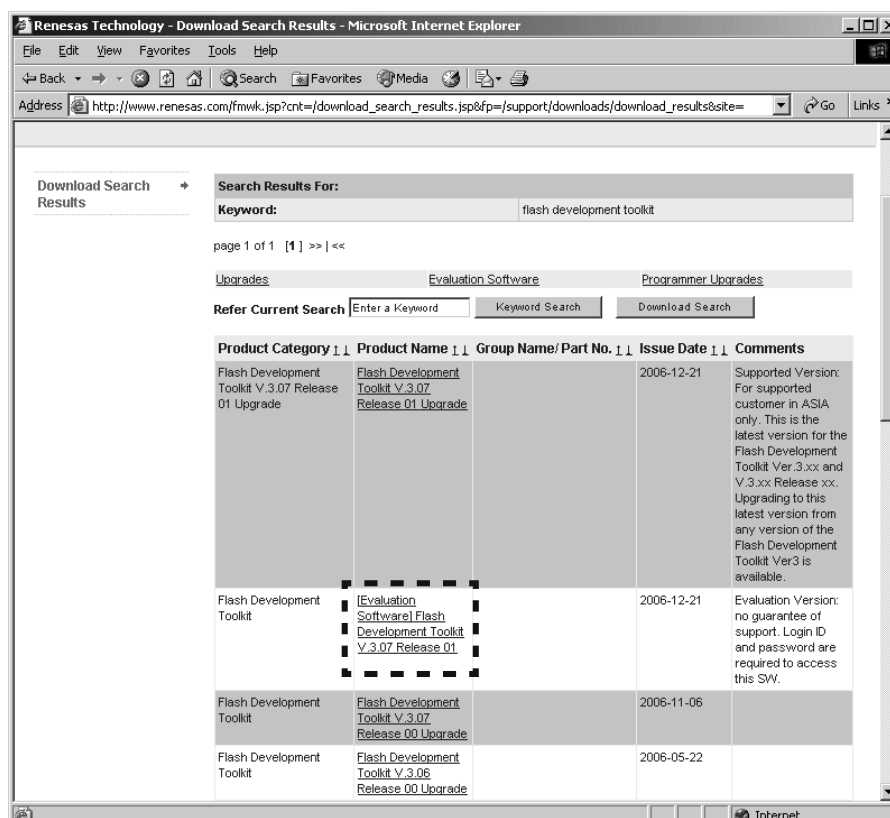
16. Scroll down the page, and type the "Flash Development toolkit" into the Keyword.
And click the **Start Search**.

16. ページをスクロールダウンし、Keywordに"Flash Development toolkit"を入力します。
Start Searchをクリックします。



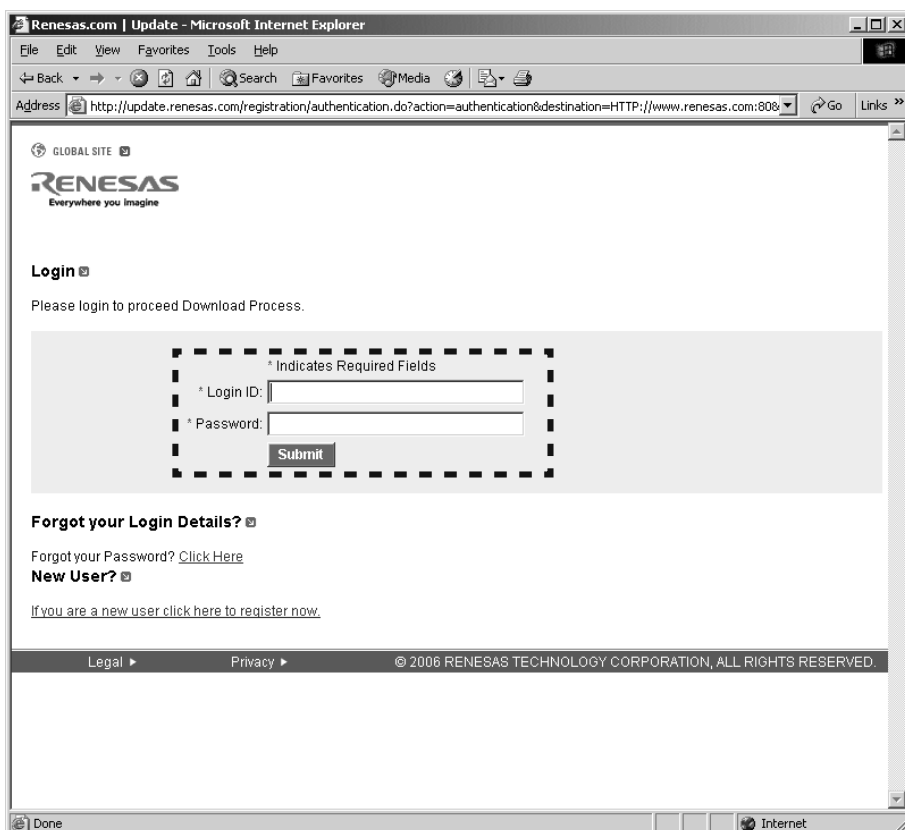
17. Click the **latest Flash Development Toolkit** in the table.
But DO NOT click the upgrade version because installation fails.
NOTE : The latest edition is FDT V3.07 Release 01 at present. (February, 2007) It is in FDT V3.07 Release 01 as follows and explains it.

17. 検索結果の中から**最新のFlash Development Toolkit**をクリックします。アップグレード版はインストールに失敗するのでクリックしないでください。
注意：現時点(2007年2月)での最新バージョンはV3.07 Release 01になります。以下FDT V3.07 Release 01で説明します。



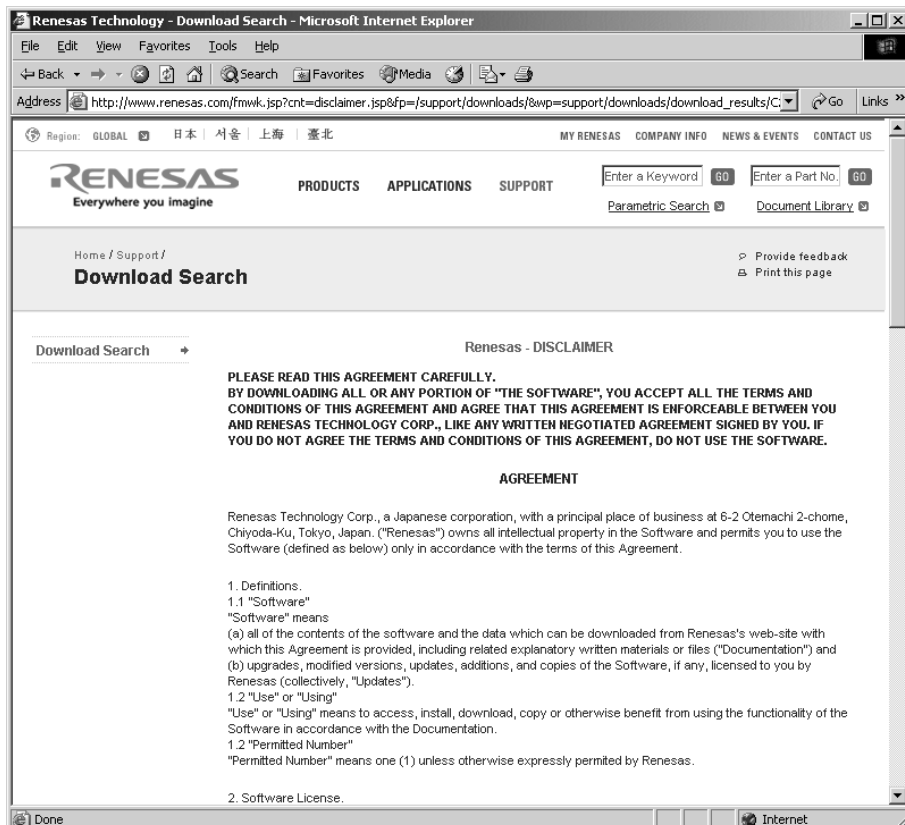
18. Input the Login ID and Password.
And click the **Submit**.

18. ダウンロードするためにLogin IDとPasswordを入力します。
Submitをクリックします。



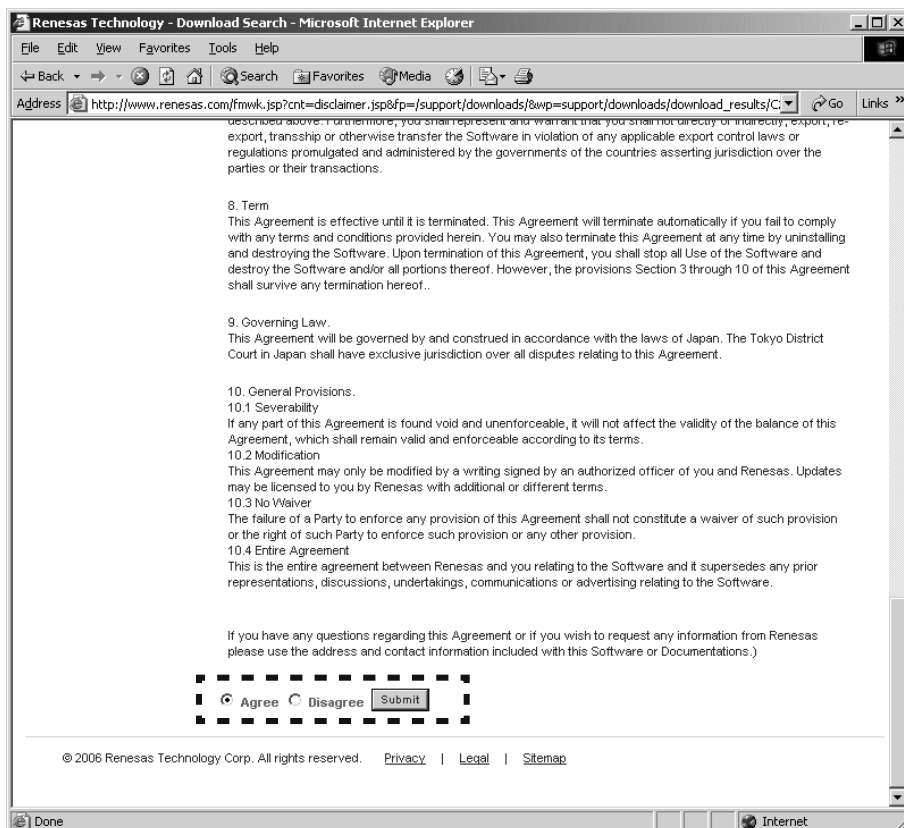
19. Scroll down the page.

19. ページをスクロールダウンします。



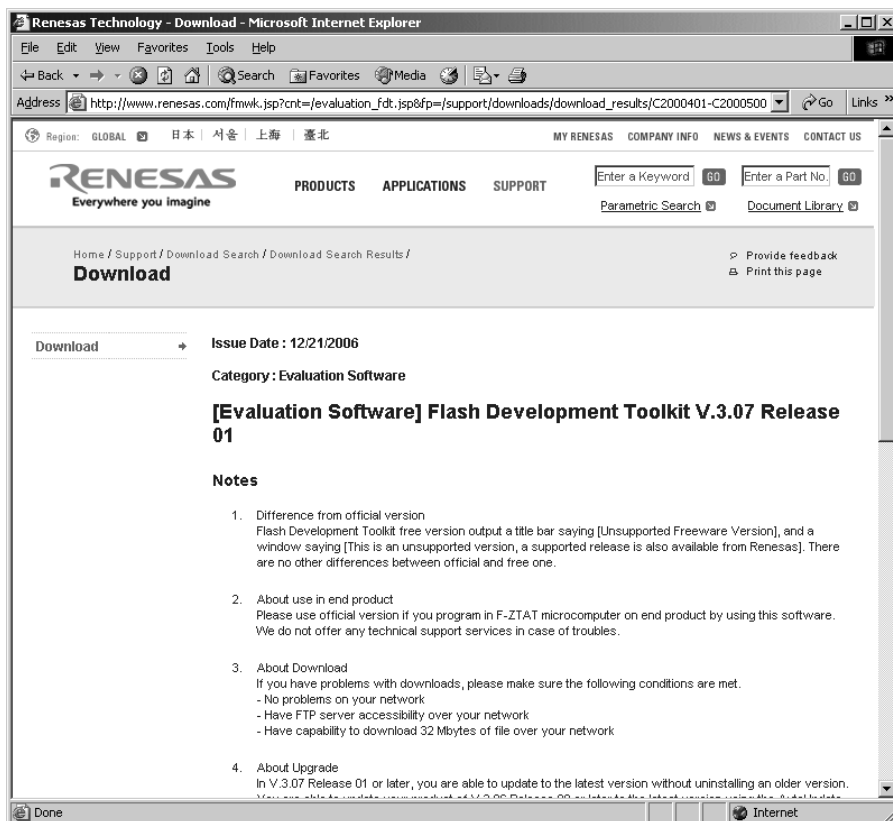
20. Check the **Agree**, and click the **Submit**.

20. **Agree**にチェックを入れ、**Submit**をクリックします。



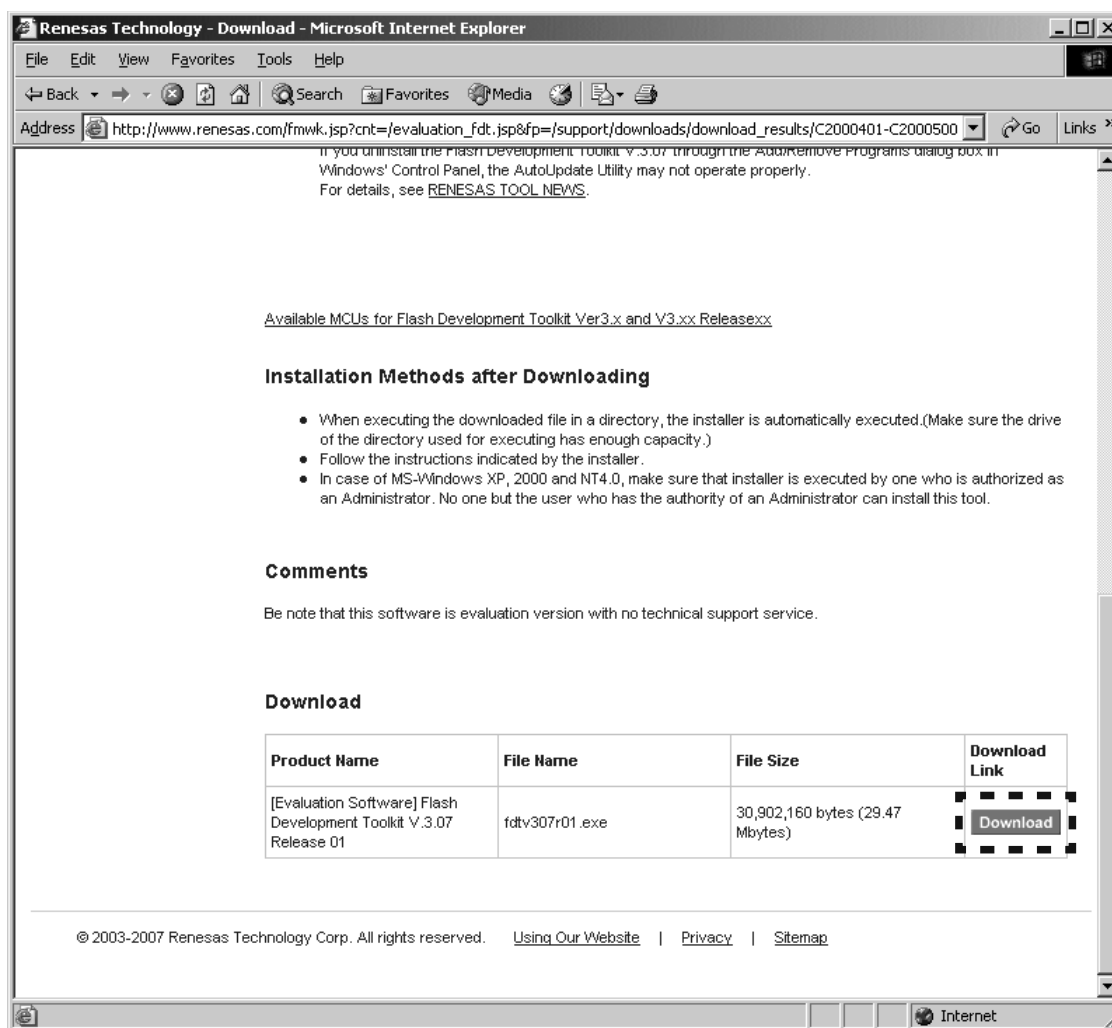
21. Scroll down the page.

21. ページをスクロールダウンします。



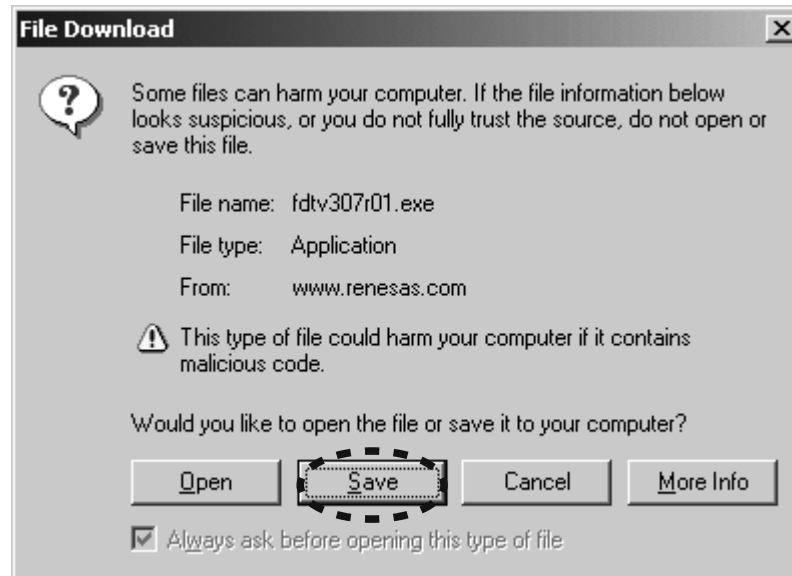
22. Click the **Download**.

22. **Download**をクリックします。



23. Click the **Save**.

23. **Save**をクリックします。

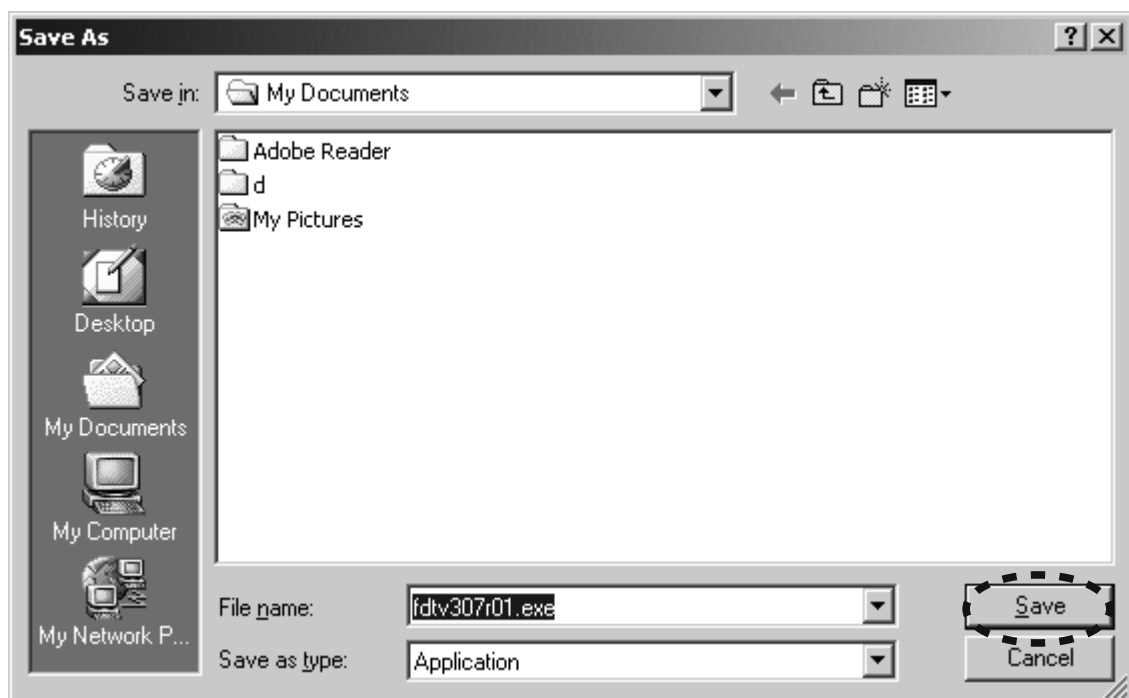


24. Save the fdtv307r01.exe on your PC's hard disc.

NOTE : A file name is change by improvement.

24. fdtv307r01.exeを任意のフォルダに保存します。

注意：ファイル名はバージョンにより変わります。



[A-2] INSTALLS OF THE SOFTWARE

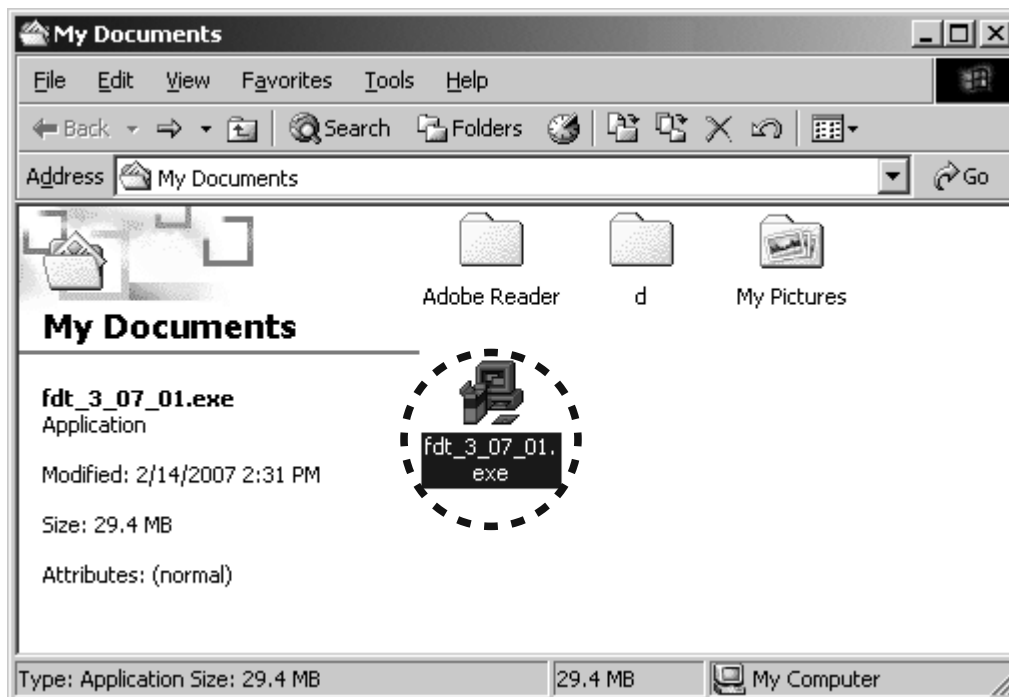
(Flash Development Toolkit Ver.3.07)

1. Open the folder with the downloaded file.
2. And double click the **fdtv307r01.exe**.

[A-2] INSTALLS OF THE SOFTWARE

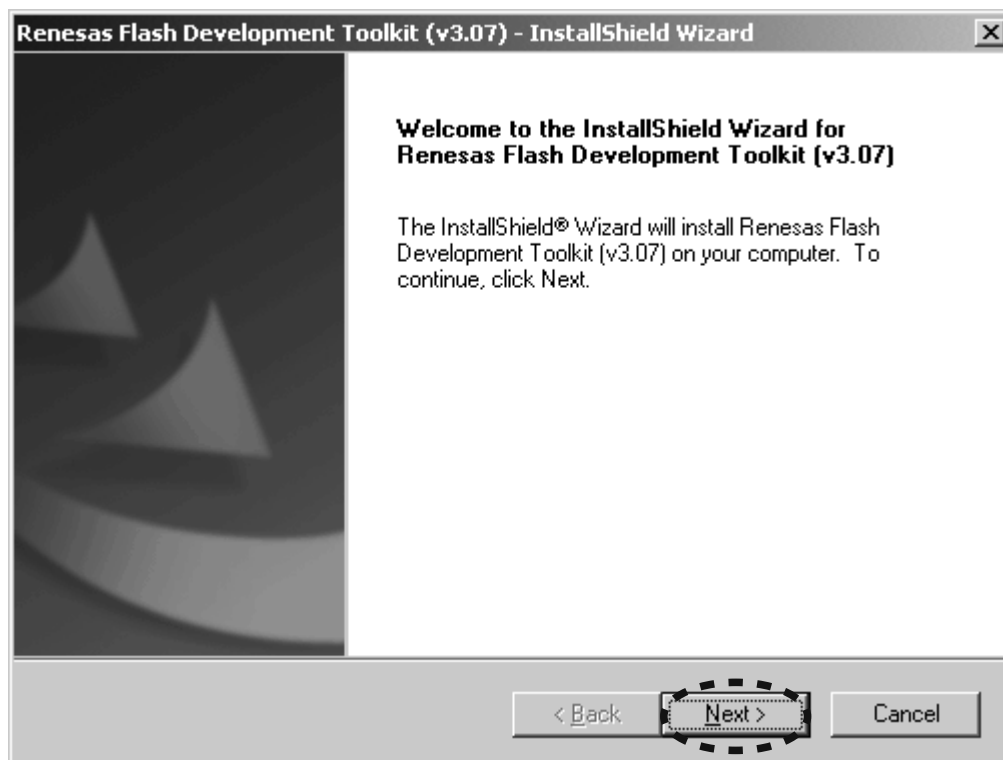
(Flash Development Toolkit Ver.3.07)

1. ダウンロードしたファイルのあるフォルダを開きます。
2. **fdtv307r01.exe**をダブルクリックします。

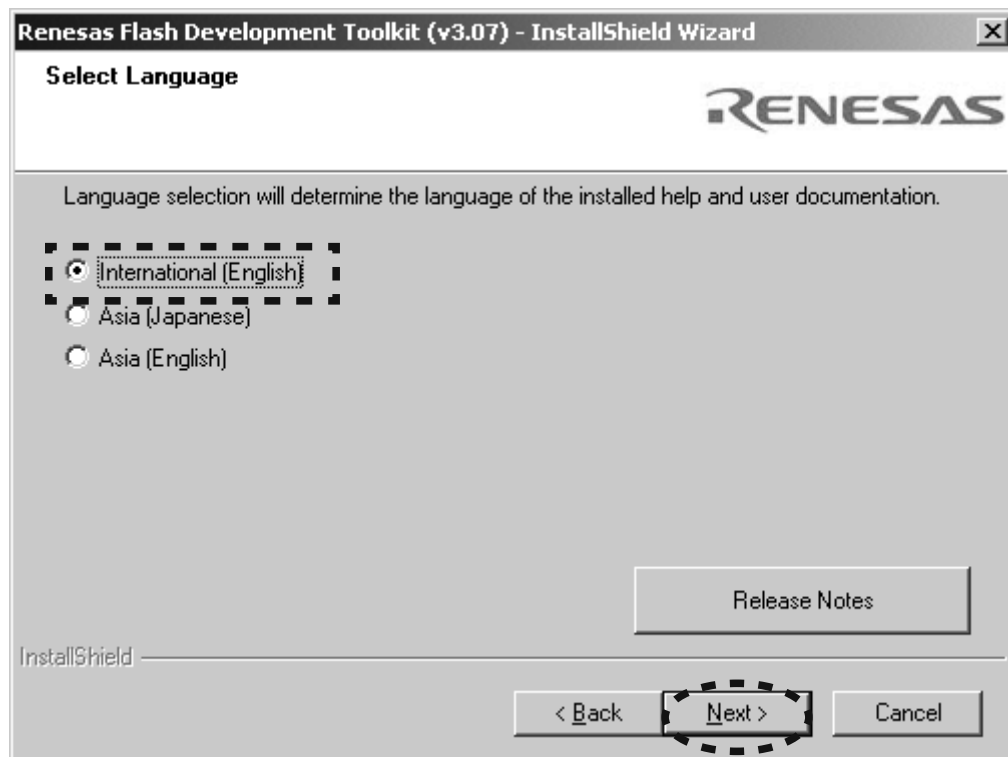


3. Click the **Next**.

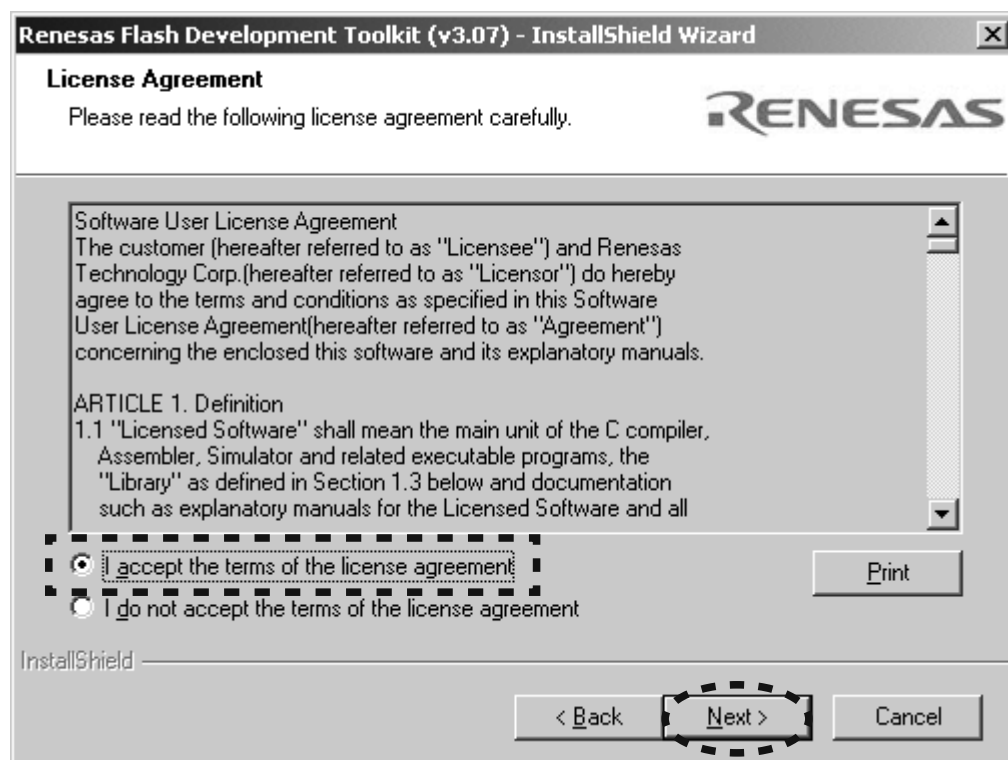
3. **Next**をクリックします。



4. Check the **International [English]**, and click the **Next**.
4. **International [English]**にチェックを入れ**Next**をクリックします。

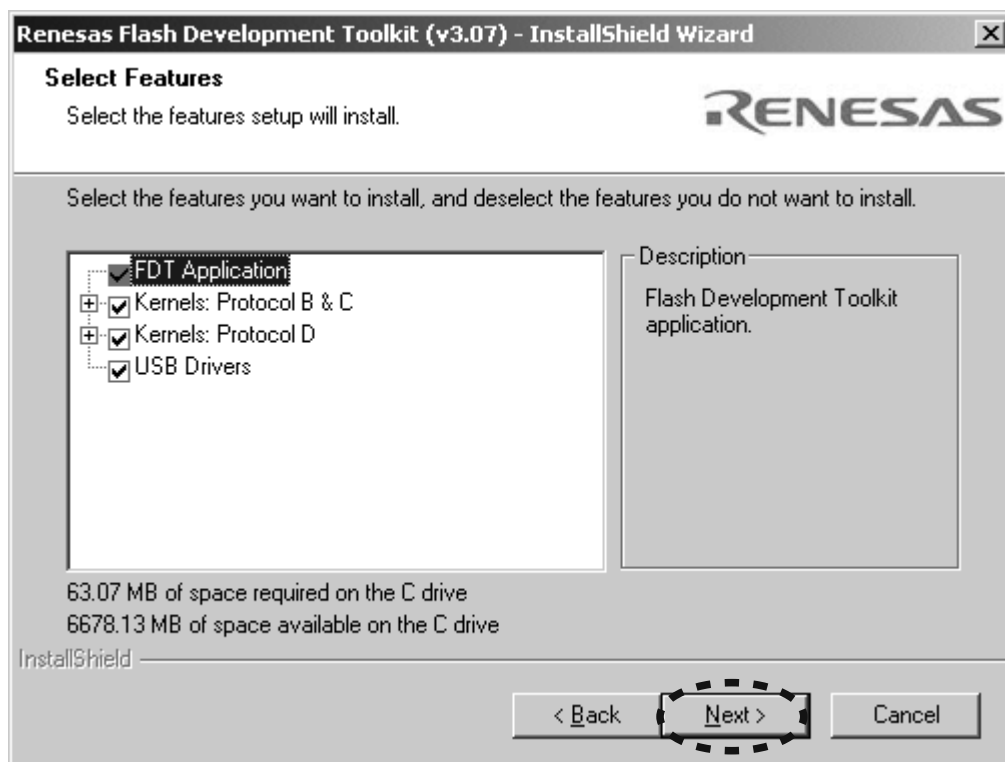


5. Check the **I accept the terms of the license agreement**, and Click the **Next**.
5. **I accept the terms of the license agreement**にチェックを入れ、**Next**をクリックします。



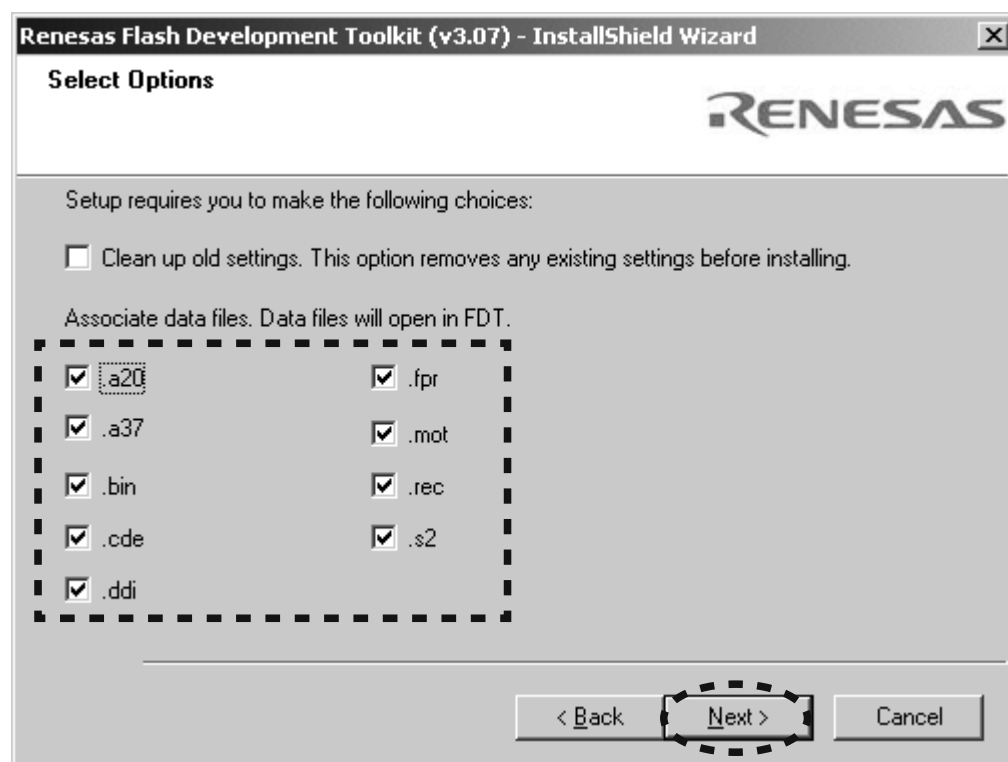
6 Click the **Next**.

6. **Next**をクリックします。



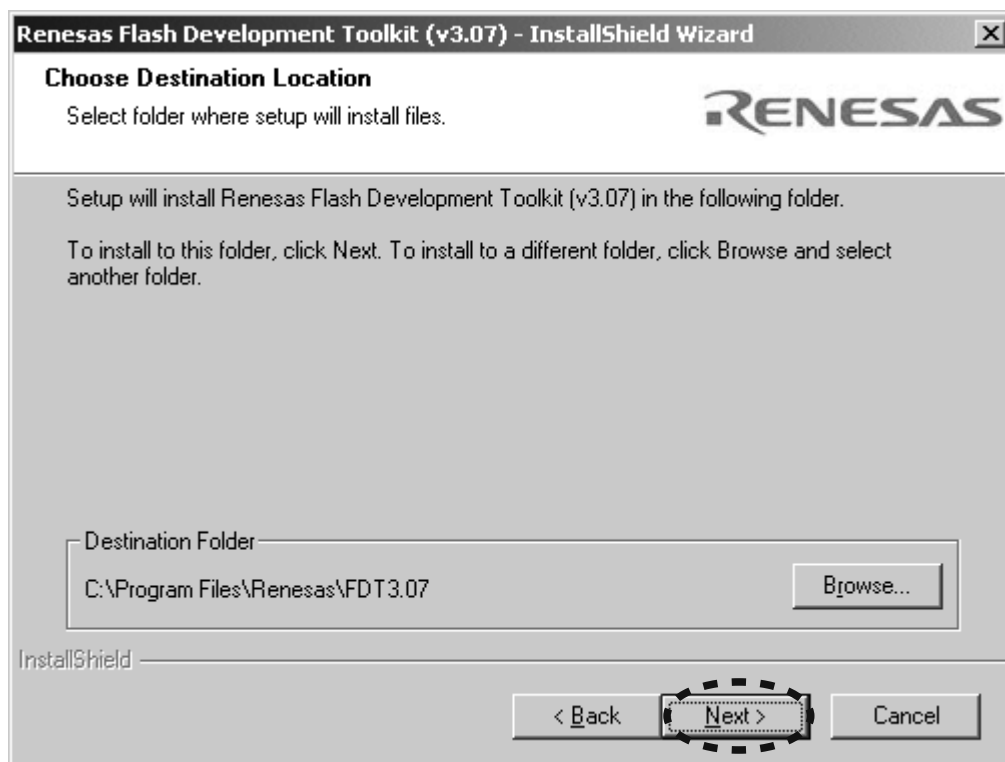
7. Check the all file type, and Click the **Next**.

7. 全てのファイルタイプにチェックを入れ、**Next**をクリックします。



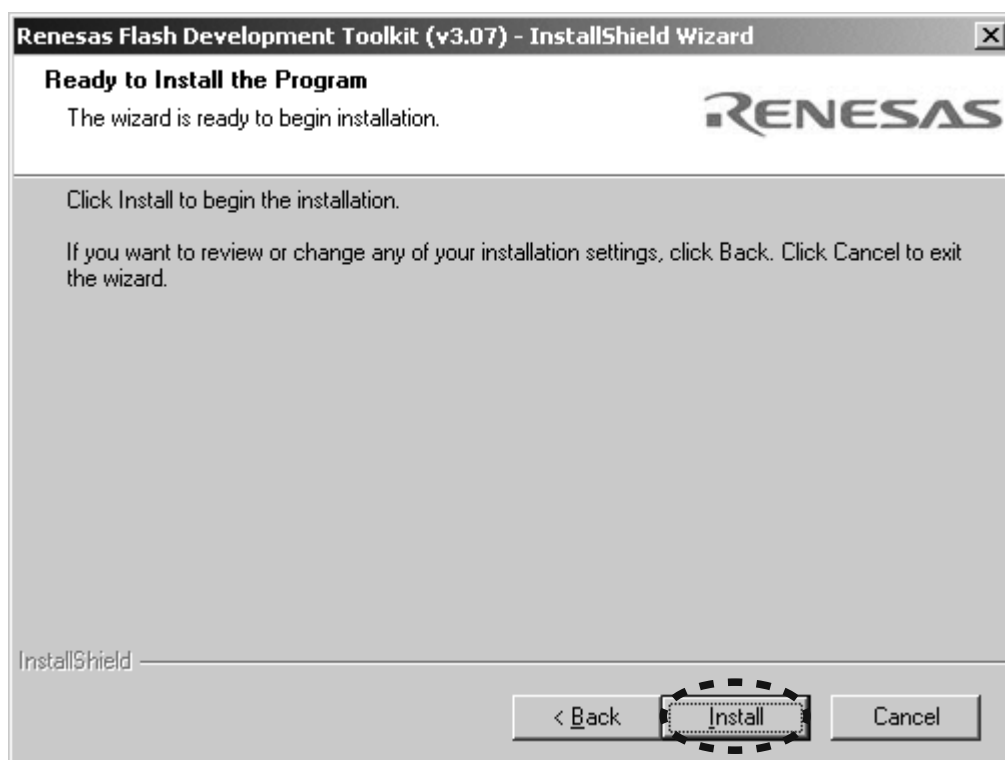
8. Click the **Next**.

8. **Next**をクリックします。



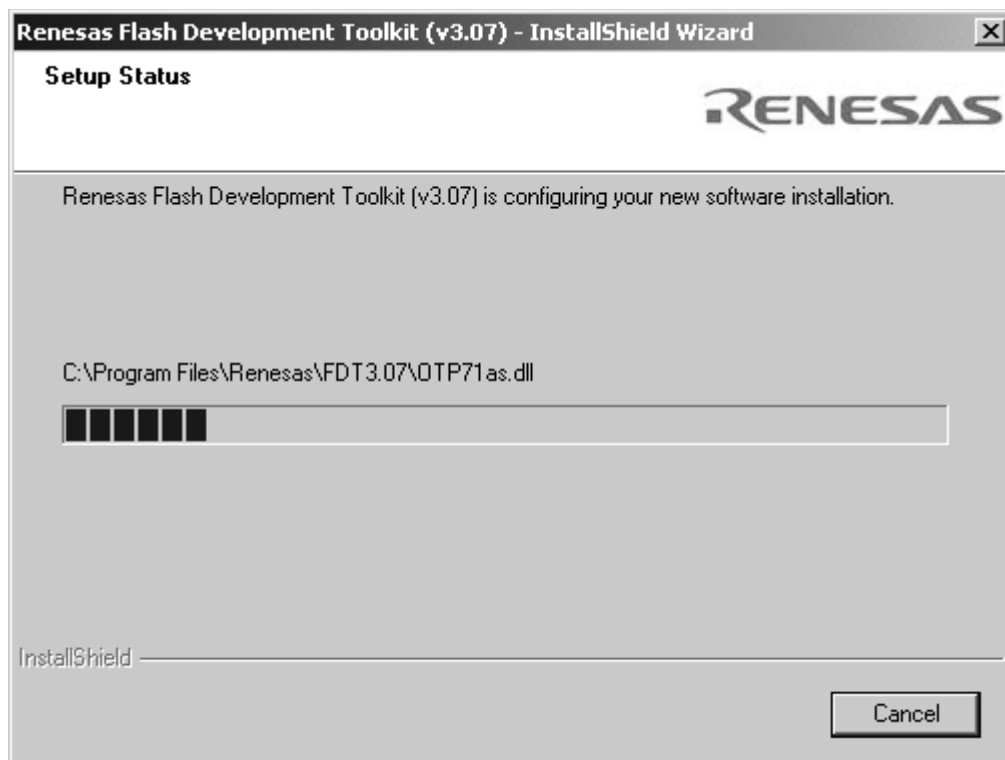
9. Click the **Install**.

9. **Install**をクリックします。



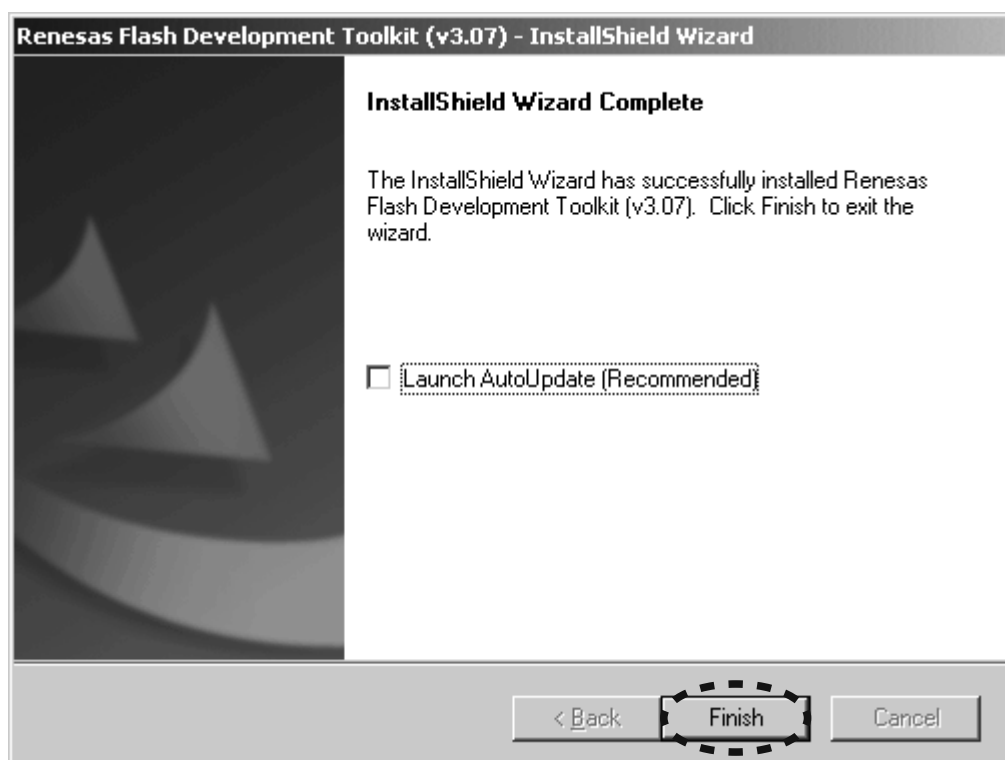
10. The Setup Status bar appears.

10. インストールの状態が表示されます。



11. Un-Check the Launch AutoUpdate, and click the **Finish**.

11. 11. Launch AutoUpdateのチェックを外し、**Finish**をクリックします。



[B] WRITING AND UPDATE SOFTWARE

Microprocessor needs writing software, when a microprocessor (QU01) is replaced.

Software for microprocessor (QU01) can be updated/downloaded.

Have update/download application software. ("fdtv307r01.exe (FDT3.07 Release 01) or latest version")

Update/Download microprocessor's software to internal Flash-ROM.

- This mode is to update/download the software for microprocessor.
- The target device is internal flash ROM of microprocessor (QU01) on FRONT PWB (PU01).
- The updating/downloading of software takes about 50 seconds.

NECESSARY EQUIPMENT

The following items are required for updating/downloading.

- Windows PC (OS: Windows2000 or WindowsXP) with Serial port.
- RS-232C Dsub-9 pin cable (female to female/straight type).
- Writing data. P/N : 00M22AJ499A00 (SC11S1_vyymmdd.mot)

NOTE : A00 is a revision number. The latest revision is A00 at present. (October, 2007)
The yy is two digits of year. The mm is month.
The dd is date.

- Flash Development Toolkit 3.07 or latest version. (fdtv307r01.exe or latest version)
- Connection JIG. (90M-PM11S1JIG)

[B] WRITING AND UPDATE SOFTWARE

メインマイコンQU01を交換したときは、QU01へプログラムを書き込む必要があります。

メインマイコンのソフトウェアは更新、および書き込みが出来ます。

更新および書き込みには書き込み用アプリケーションが必要です。("fdtv307r01.exe (FDT3.07 Release 01)または最新版")

Update/Download microprocessor's software to internal Flash-ROM.

- このモードはMAINマイコンの更新および書き込み用です。
- FRONT基板(PU01)のQU01のマイコン内部のフラッシュROMに書き込みます。
- 書き込みにかかる時間は約50秒です。

必要機器

下記は更新および書き込みに必要な機器です。

- 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)。
- 書き込み用データ。P/N : 00M22AJ499A00 (SC11S1_vyymmdd.mot)
注意 : A00はリリース番号。最新リリース番号はA00です。(2007年10月現在)
yyは年の下二桁、mmは月、ddは日
- Flash Development Toolkit 3.07または最新版。(fdtv307r01.exeまたは最新版)
- 接続治具(90M-PM11S1JIG)。

[B-1] Update/Download microprocessor's software to internal Flash-ROM.

[B-1-1] The writing software setup procedure

1. Launch the Flash Development Toolkit v3.07 (FDT).

NOTE : Please refer to "[A] SOFTWARE (fdtv307r01.exe) DOWNLOAD AND INSTALL PROCEDURE", when you do not have FDT.

2. Click **Start, Programs, Renesas, Flash Development Toolkit 3.07** and **Flash Development Toolkit 3.07**.

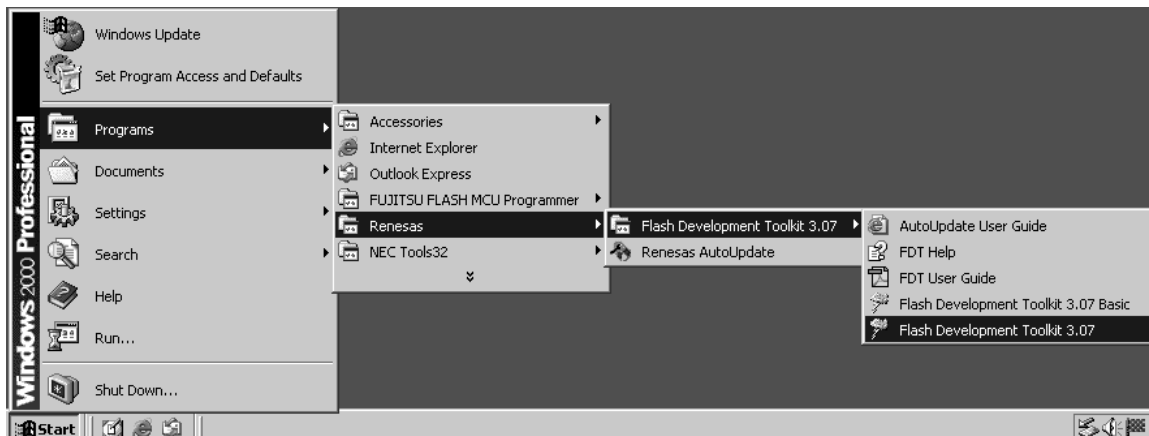
[B-1] Update/Download microprocessor's software to internal Flash-ROM.

[B-1-1] The writing software setup procedure

1. Flash Development Toolkit v3.07 (FDT)を起動します。

注意 : FDTを持っていない方は"[A] SOFTWARE (fdtv307r01.exe) DOWNLOAD AND INSTALL PROCEDURE"を参照してダウンロードしてください。

2. **Start, Programs, Renesas, Flash Development Toolkit 3.07, Flash Development Toolkit 3.07**をクリックします。

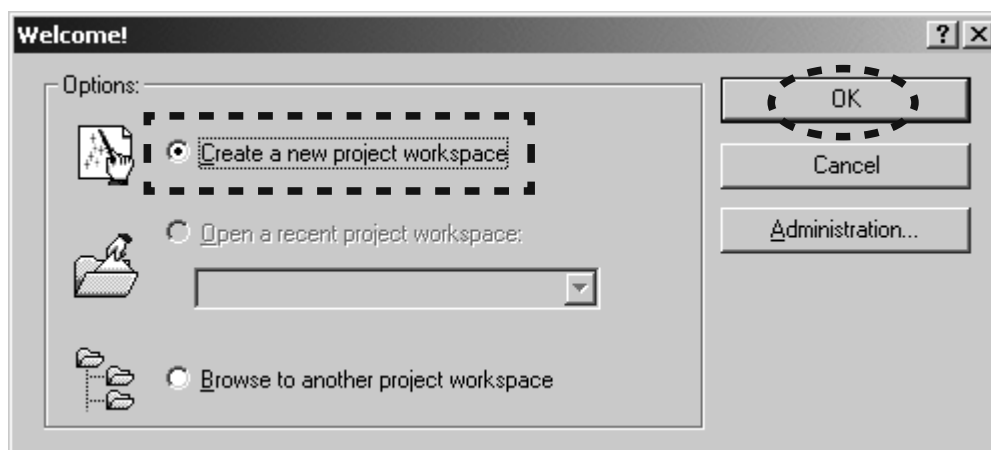


3. Check the **Create a new project workspace**, and click the **OK**.

NOTE : It needs setup for SC-11S1. When you have already setup, please advance to "[B-1-2] Writing Procedure for microprocessor".

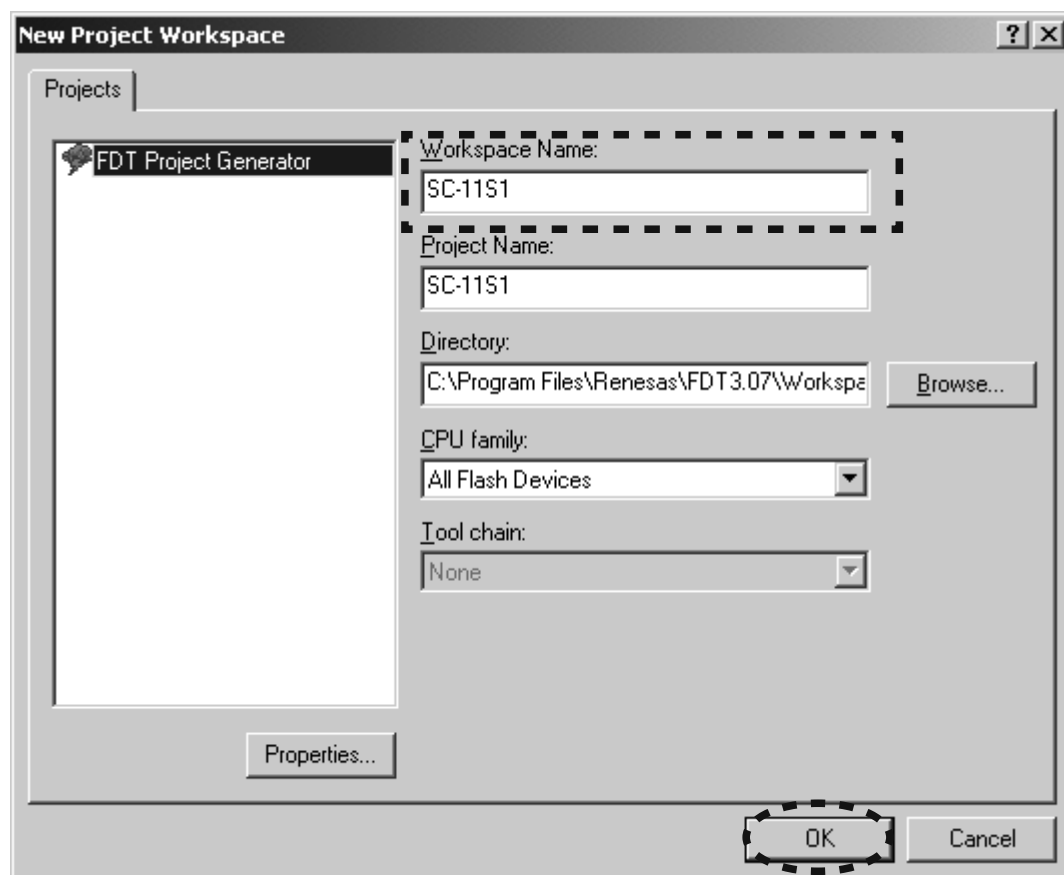
3. **Create a new project workspace**をチェックし、**OK**をクリックします。

注意 : SC-11S1用の設定が必要です。既に設定が終わっている方は"[B-1-2] Writing Procedure for microprocessor"へ進んでください。



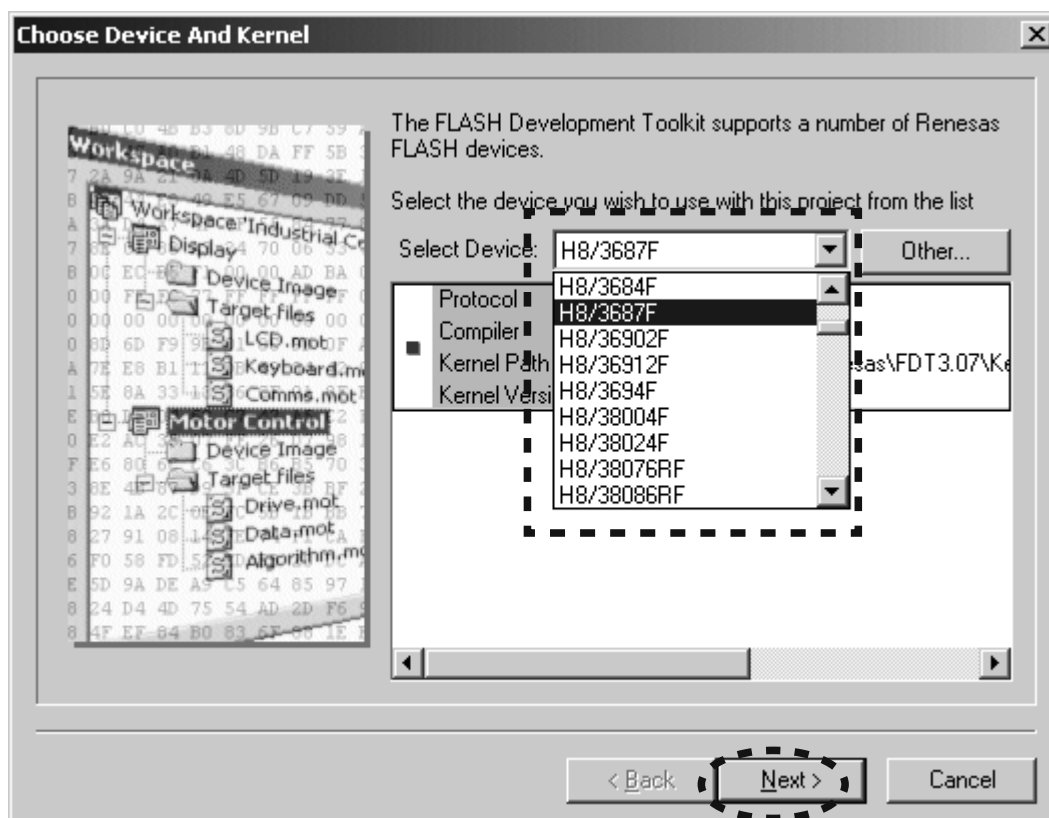
4. **SC-11S1** is inputted into the Workspace Name.
(It is simultaneously inputted into Project Name.)
Click the **OK**.

4. Workspace Nameに**SC-11S1**を入力します。
(同時にProject Nameにも入力されます)
OKをクリックします。



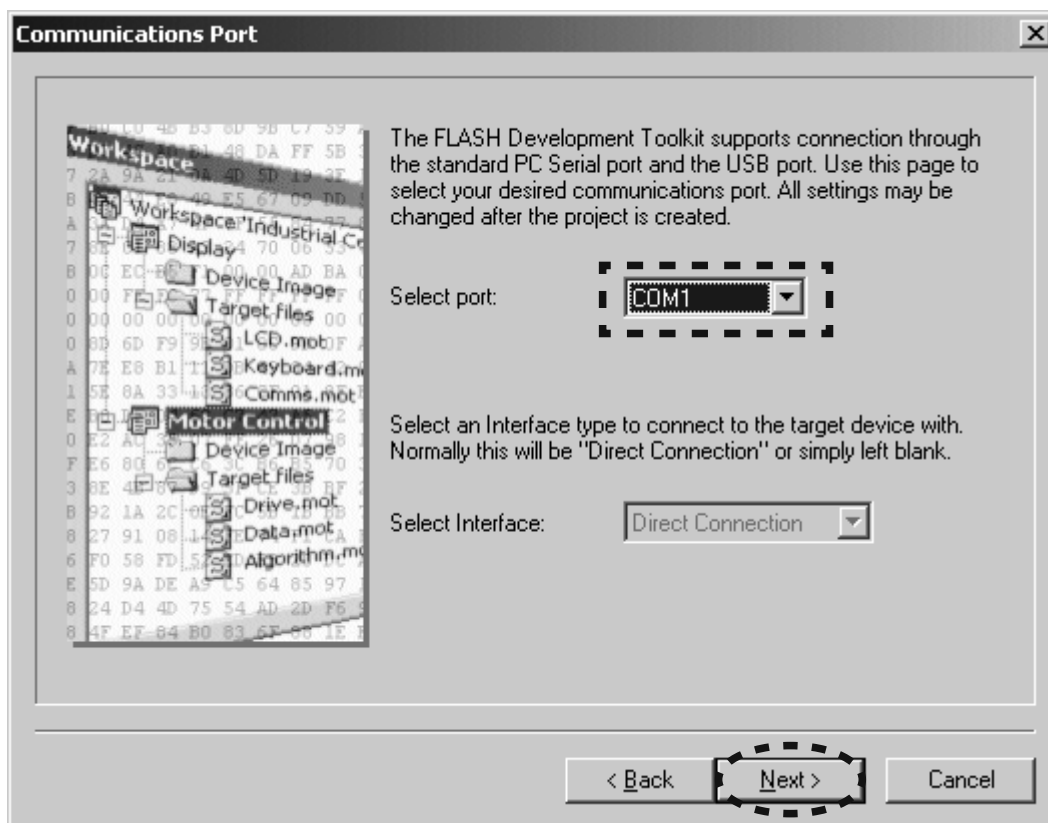
5. Choose the **H8/3687F** in Select Device. And click the **Next**.

5. Select Deviceから**H8/3687F**を選択し、**Next**をクリックします。



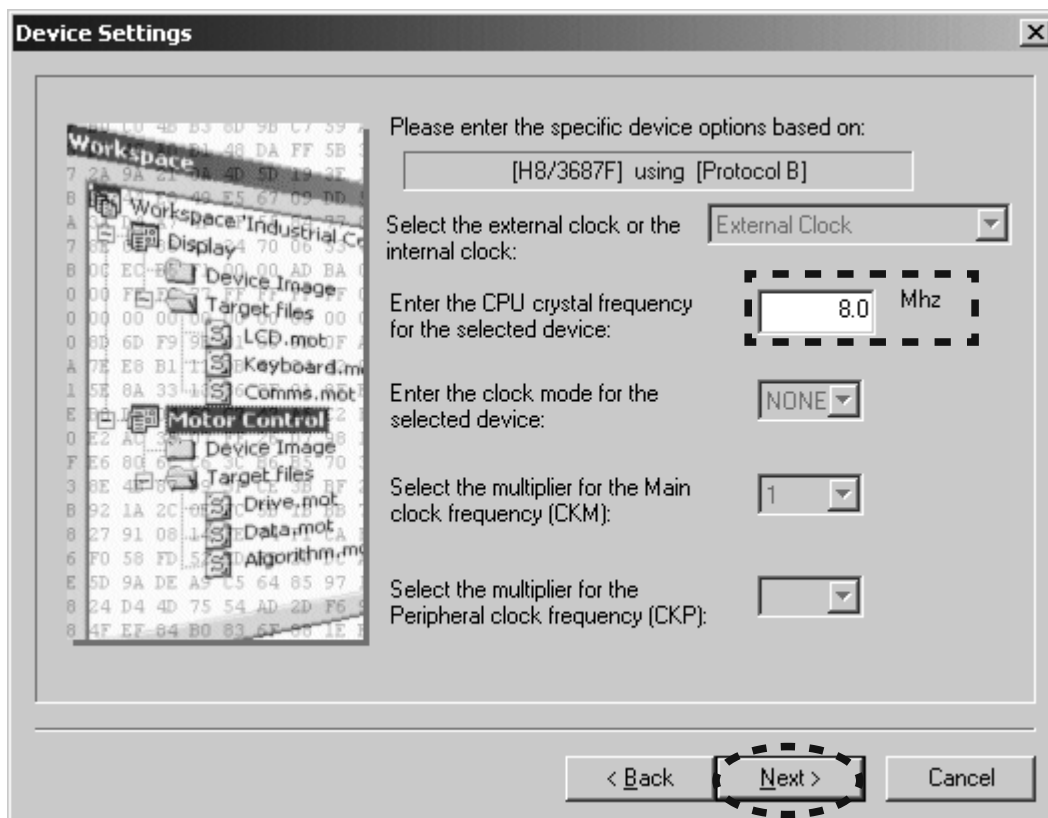
6. Choose the **Serial port number** in the Select Port. And click the **Next**.

6. Select Portから**Serialポート番号**を選び、**Next**をクリックします。



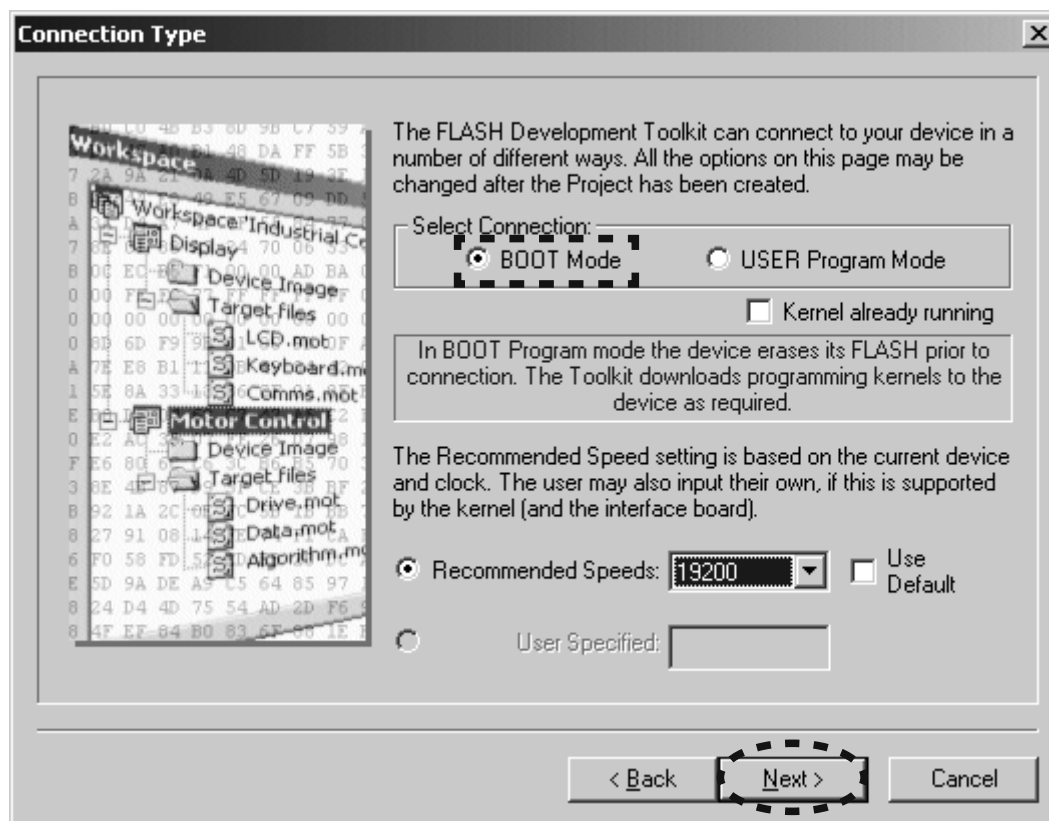
7. **8.0** is inputted into the Enter the CPU crystal frequency for the selected device. And click the **Next**.

7. Enter the CPU crystal frequency for the selected device に**8.0**を入力し、**Next**をクリックします。



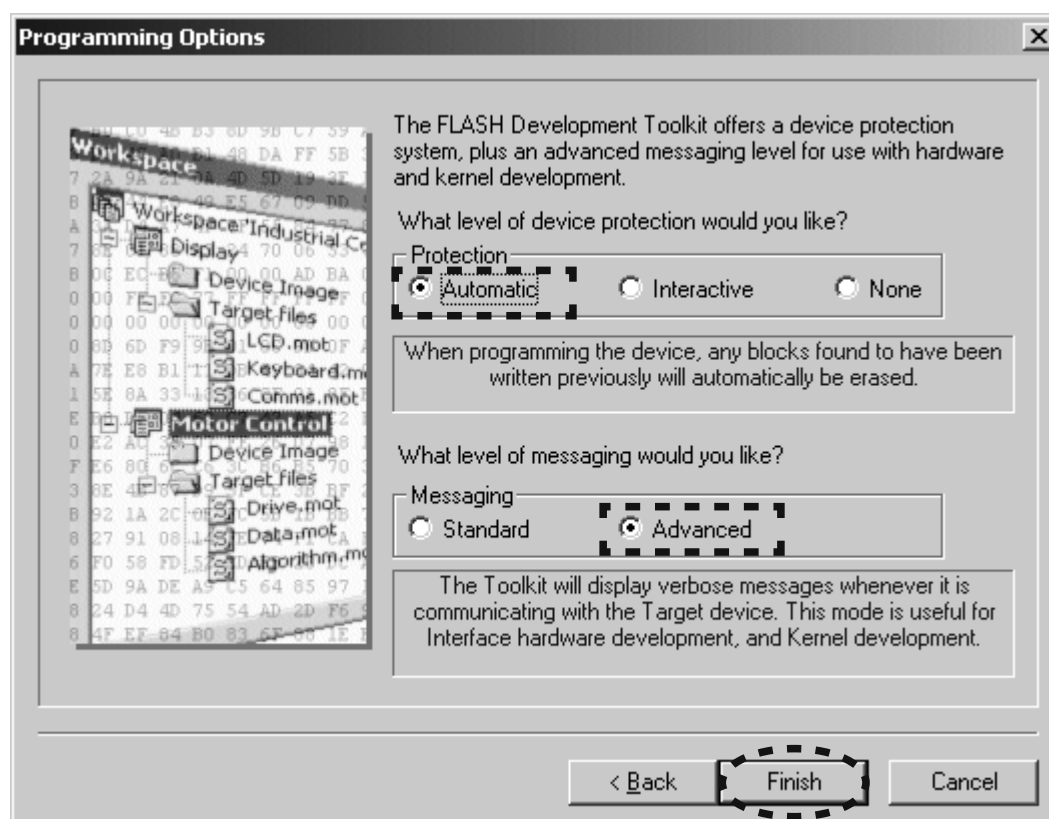
8. Check The **BOOT Mode** in Select Connection.
Un-check the **Use Default**, and choose the **19200** in
Recommended Speeds.
Click the **Next**.

8. Select Connectionの**BOOT Mode**をチェックします。
Recommended Speedsの**Use Default**のチェックを外
し、**19200**を選択します。
Nextをクリックします。



9. Check the **Automatic** in Protection.
Check the **Advanced** in Messaging.
Click the **Finish**.

9. Protectionの**Automatic**をチェックします。
Messagingの**Advanced**をチェックします。
Finishをクリックします。

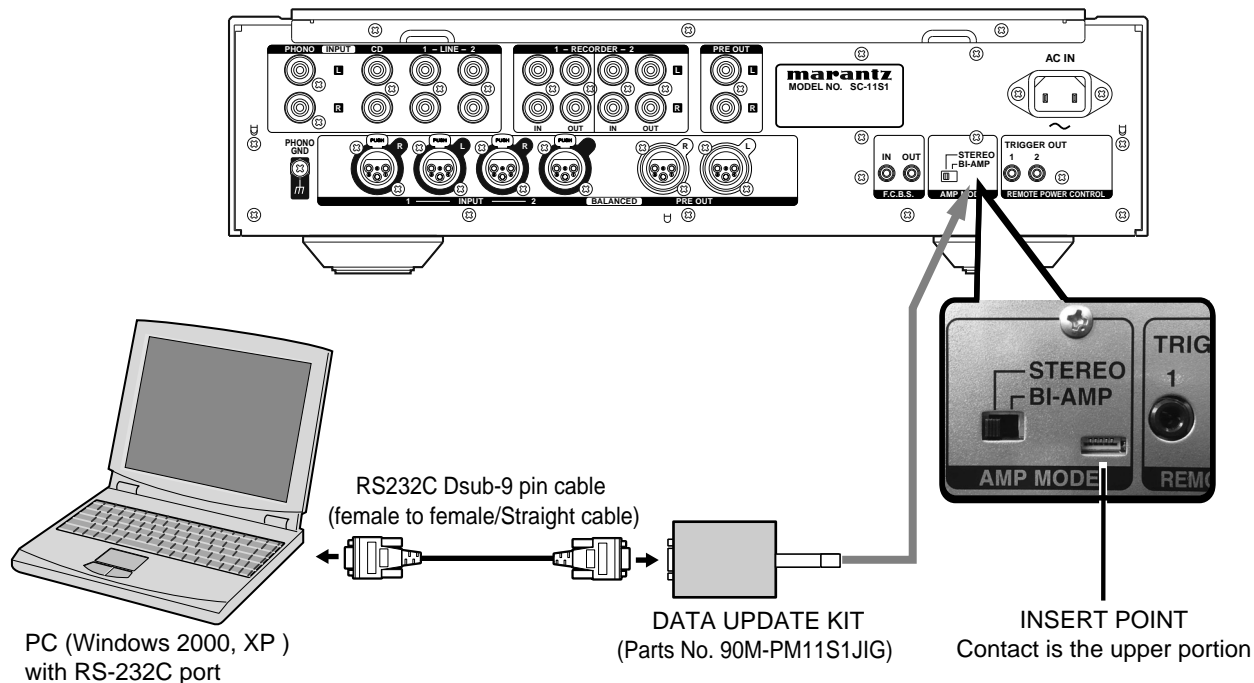


[B-1-2] Writing Procedure for microprocessor

1. Disconnect the mains cord from the unit.
2. Connect the RS-232C on the connection JIG and the Serial Port of windows PC with RS-232C cable.
3. Connect FFC (upside contact) to the rear panel of the unit from connection JIG.

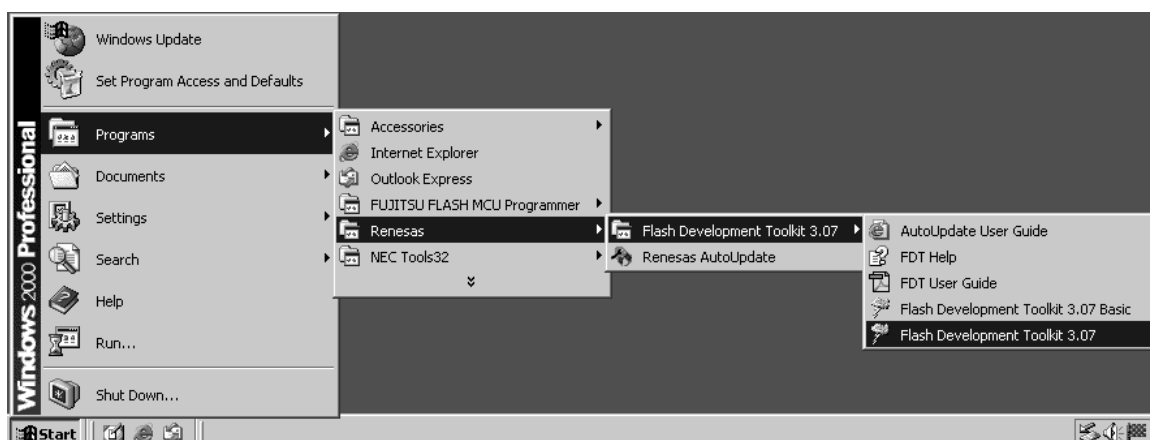
B-1-2] Writing Procedure for microprocessor

1. 本機の電源ケーブルを抜きます。
2. 接続治具の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。
3. 本機のリアパネルに接続治具のFFC をコンタクト面を上にして差し込みます。

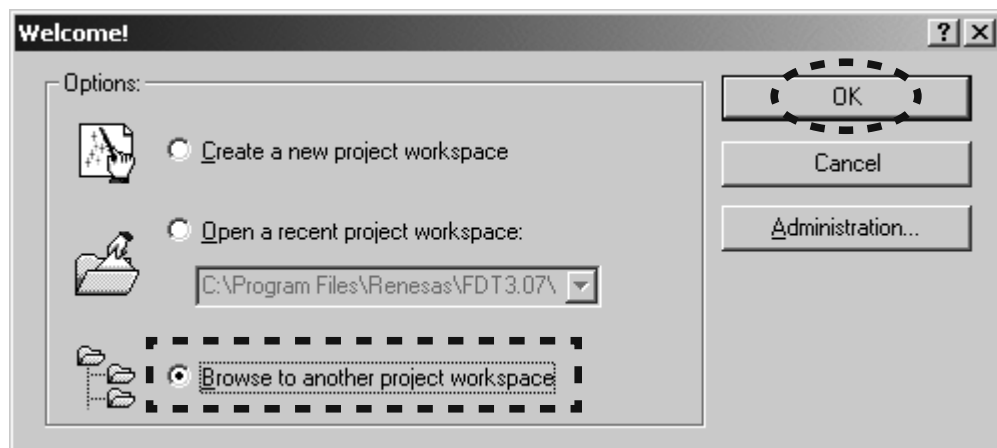


4. Connect the mains cord into the unit.
5. Launch the Flash Development Toolkit (FDT), When FDT is not launch.
When FDT is already launch, please advance to step No.9.
6. Click **Start, Programs, Renesas, Flash Development Toolkit 3.07** and **Flash Development Toolkit 3.07**.

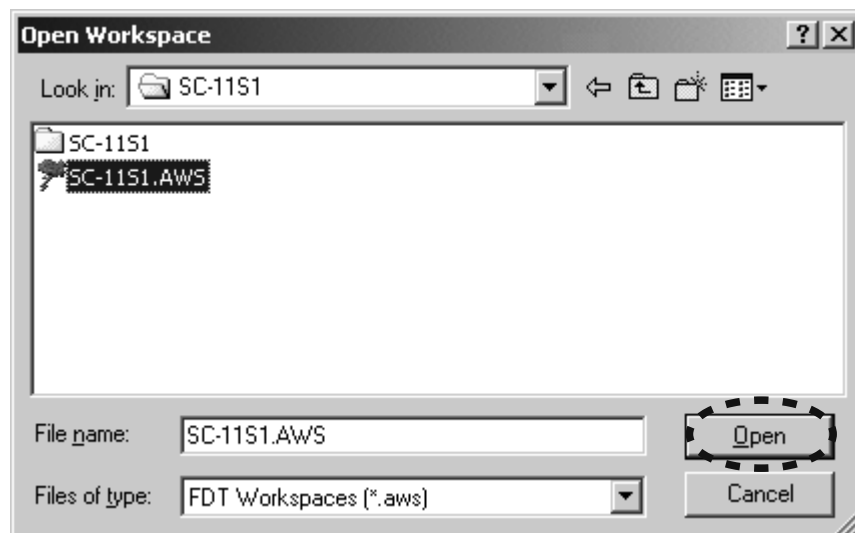
4. 本機に電源コードを接続します。
5. Flash Development Toolkit v3.07(FDT)を起動していない場合は起動します。
既にFDTを起動している方はステップ9に進んでください。
6. **Start, Programs, Renesas, Flash Development Toolkit 3.07, Flash Development Toolkit 3.07**をクリックします。



7. Check the **Browse to another project workspace**, and click **OK**.
7. **Browse to another project workspace**をチェックし、**OK**をクリックします。

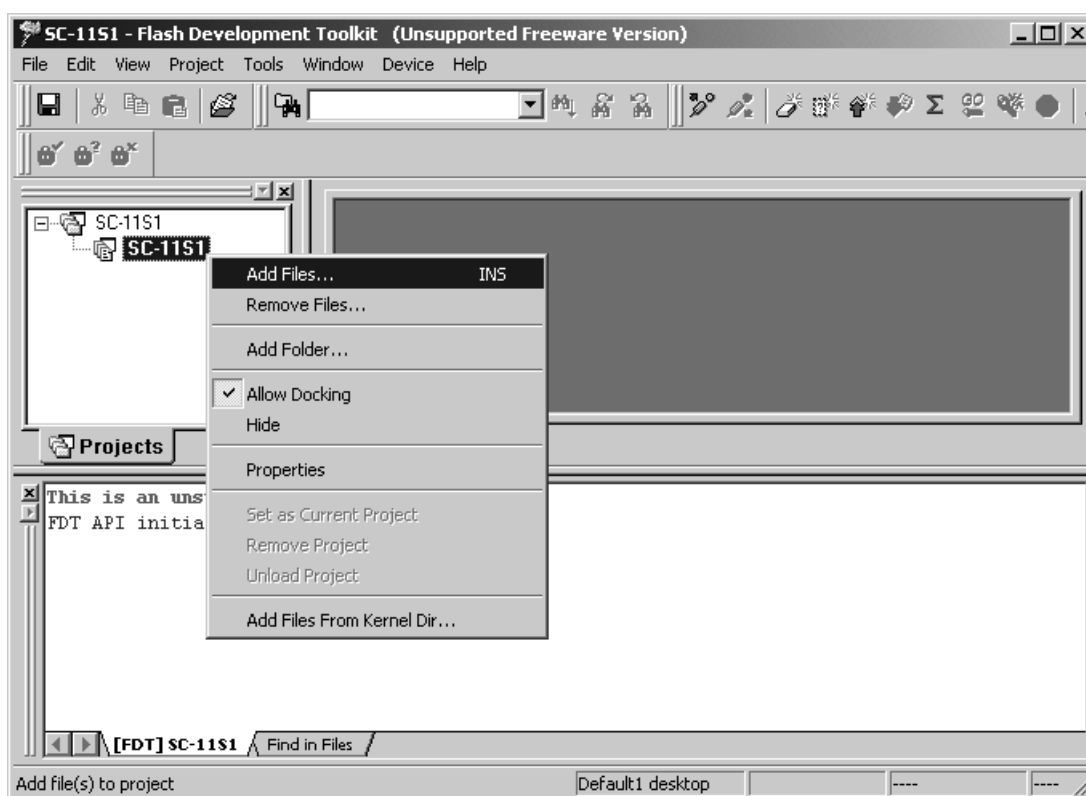


8. Choose **SC-11S1.AWS** in SC-11S1 folder under workspace folder. And Click the **Open**.
8. workspaceフォルダの下のSC-11S1フォルダ内の **SC-11S1.AWS**を選択し、**Open**をクリックします。



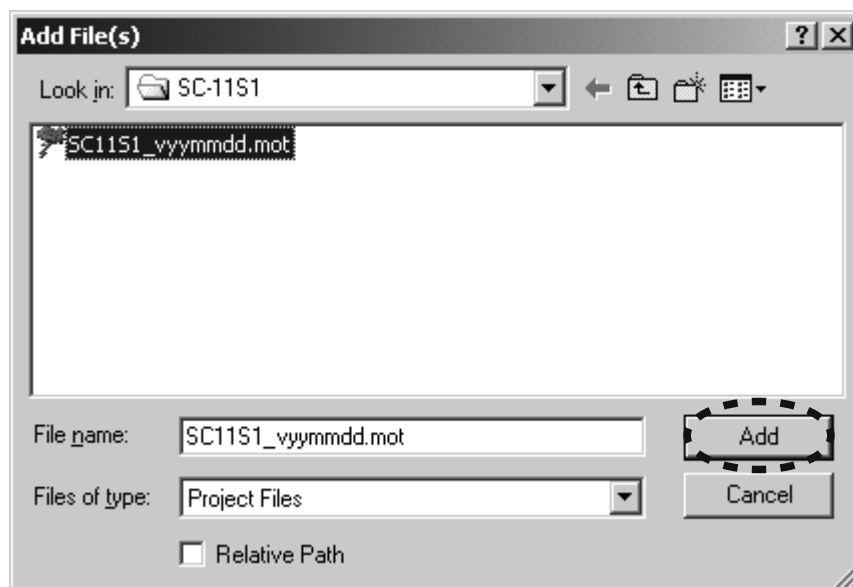
9. Right button of mouse click on the **SC-11S1**, and select the **Add Files...** in a menu.

9. **SC-11S1**を右クリックし、メニューから**Add Files...**をクリックします。



10. Choose the **SC11S1_vyymmdd.mot**, and click the **Add**.
NOTE : The yy is digits of year. The mm is month. The dd is date.

10. **SC11S1_vyymmdd.mot**を選択し、**Add**をクリックします。
 注意 : yyは年の下二桁、mmは月、ddは日

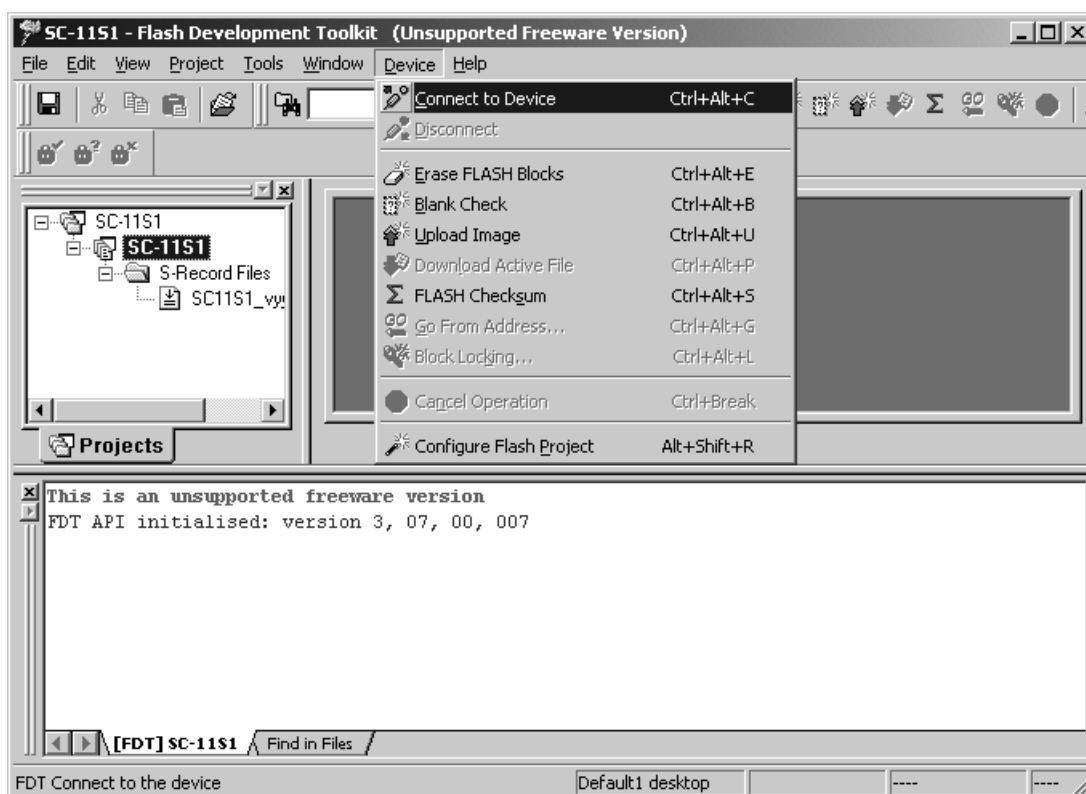


11. Press the **POWER ON/OFF** button for turn on the unit.
 At that time, the LCD display and LED does not light

11. **POWER ON/OFF**ボタンを押し、本機の電源を入れます。
 この時、LCDディスプレイとLEDは点灯しません。

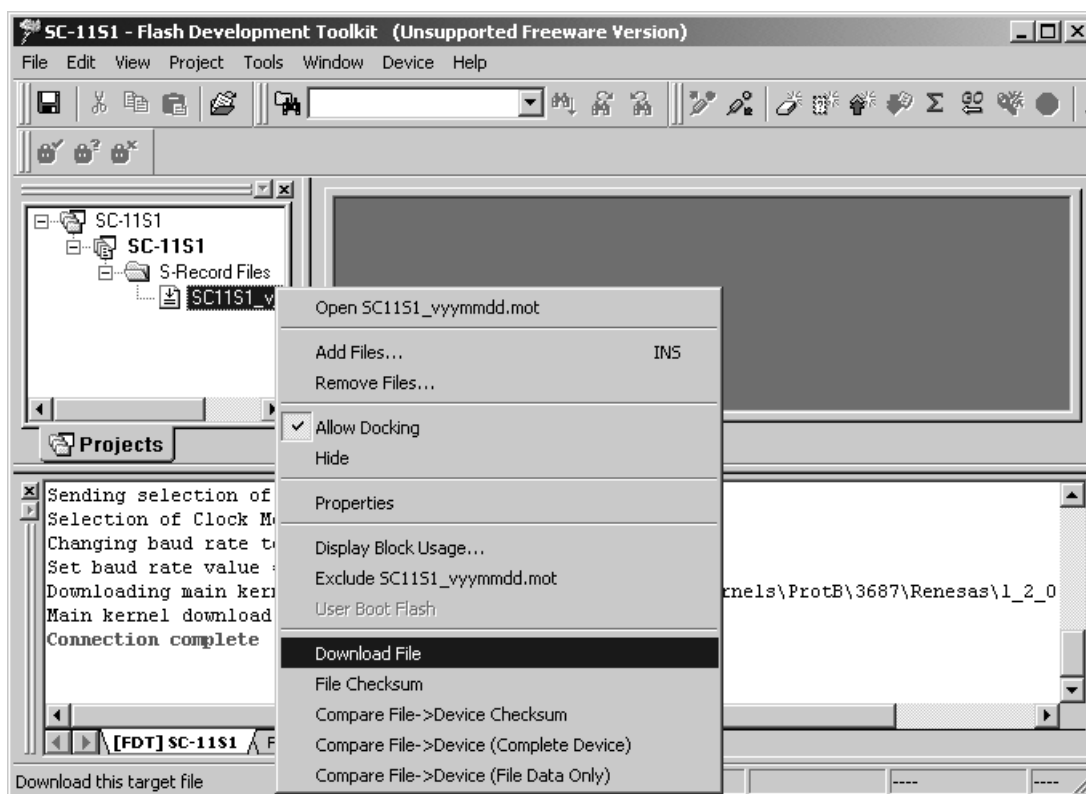
12. Click the **Device** in the menu bar and select the **Connect to Device**.

12. **Device**をクリックし、メニューから**Connect to Device**をクリックします。



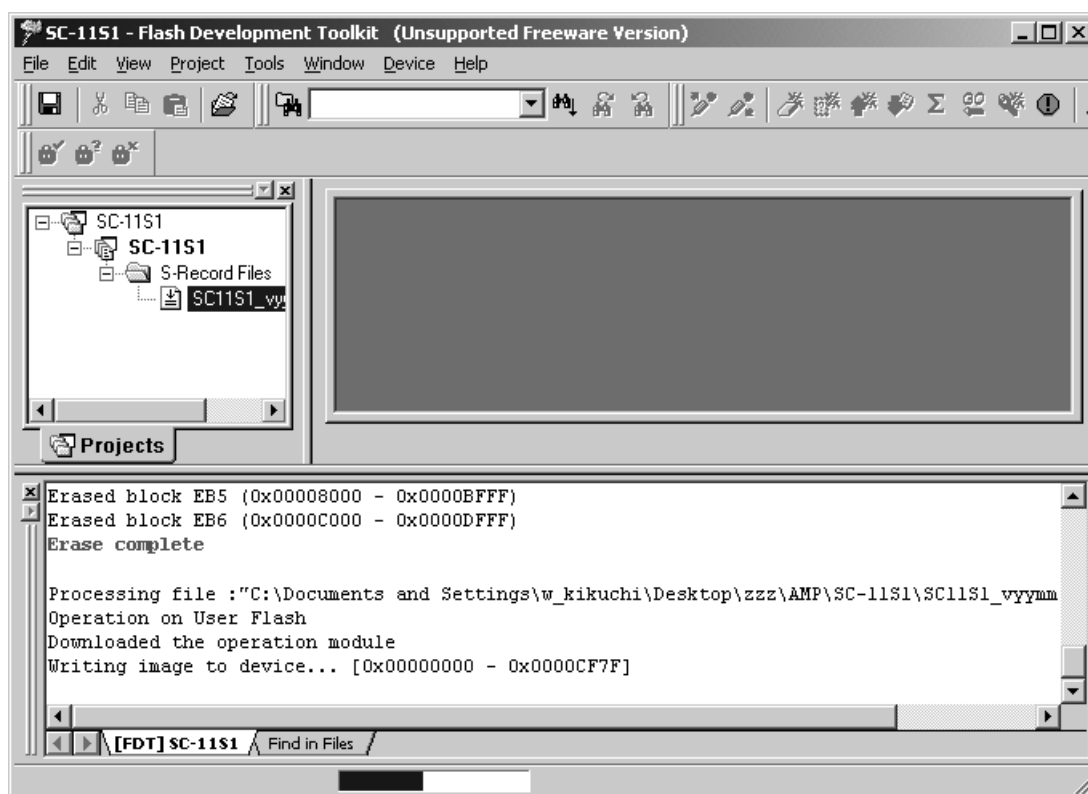
13. Press right button of mouse on the **SC11S1_vyymmdd**. **mot**, and select the **Download File** in a menu.

13. **SC11S1_vyymmdd.mot**を右クリックし、メニューから**Download File**をクリックします。



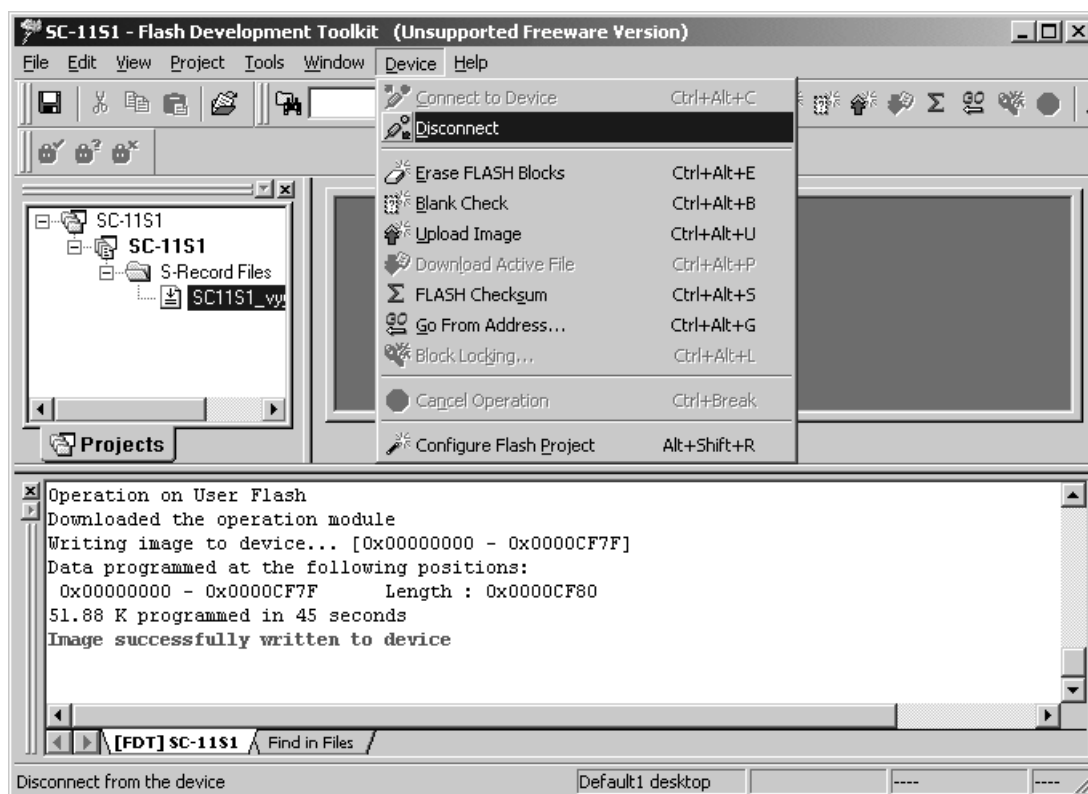
14. Software is written into the microprocessor.
The writing of software takes about 50 seconds.

14. ソフトウェアがマイコンに書き込まれます。
書き込みにかかる時間は約50秒です。



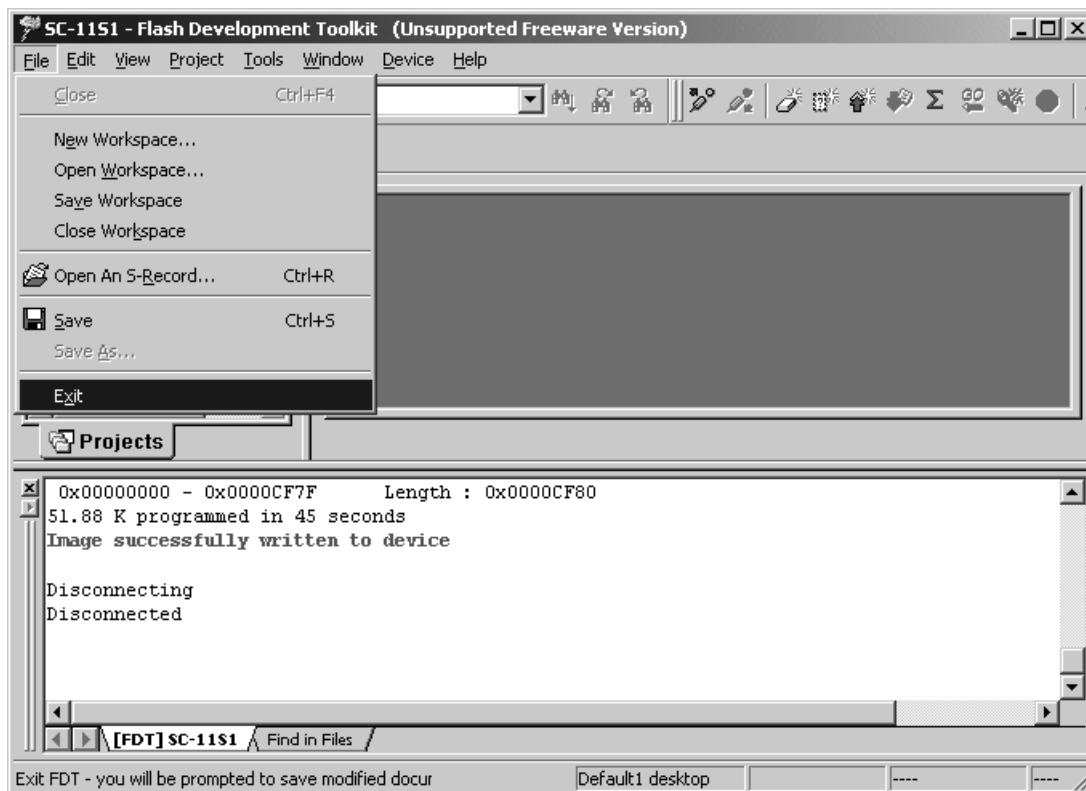
15. Click the **Device** in the menu bar and select the **Disconnect**.

15. **Device**をクリックし、メニューから**Disconnect**をクリックします。



16. Click the **File** and select the **Exit** in menu.

16. **File**をクリックし、メニューから**Exit**をクリックします。



17. Press the **POWER ON/OFF** button for turn off the unit.

17. **POWER ON/OFF**ボタンを押し、本機の電源を切ります。

18. Disconnect the mains cord and FFC from the unit.

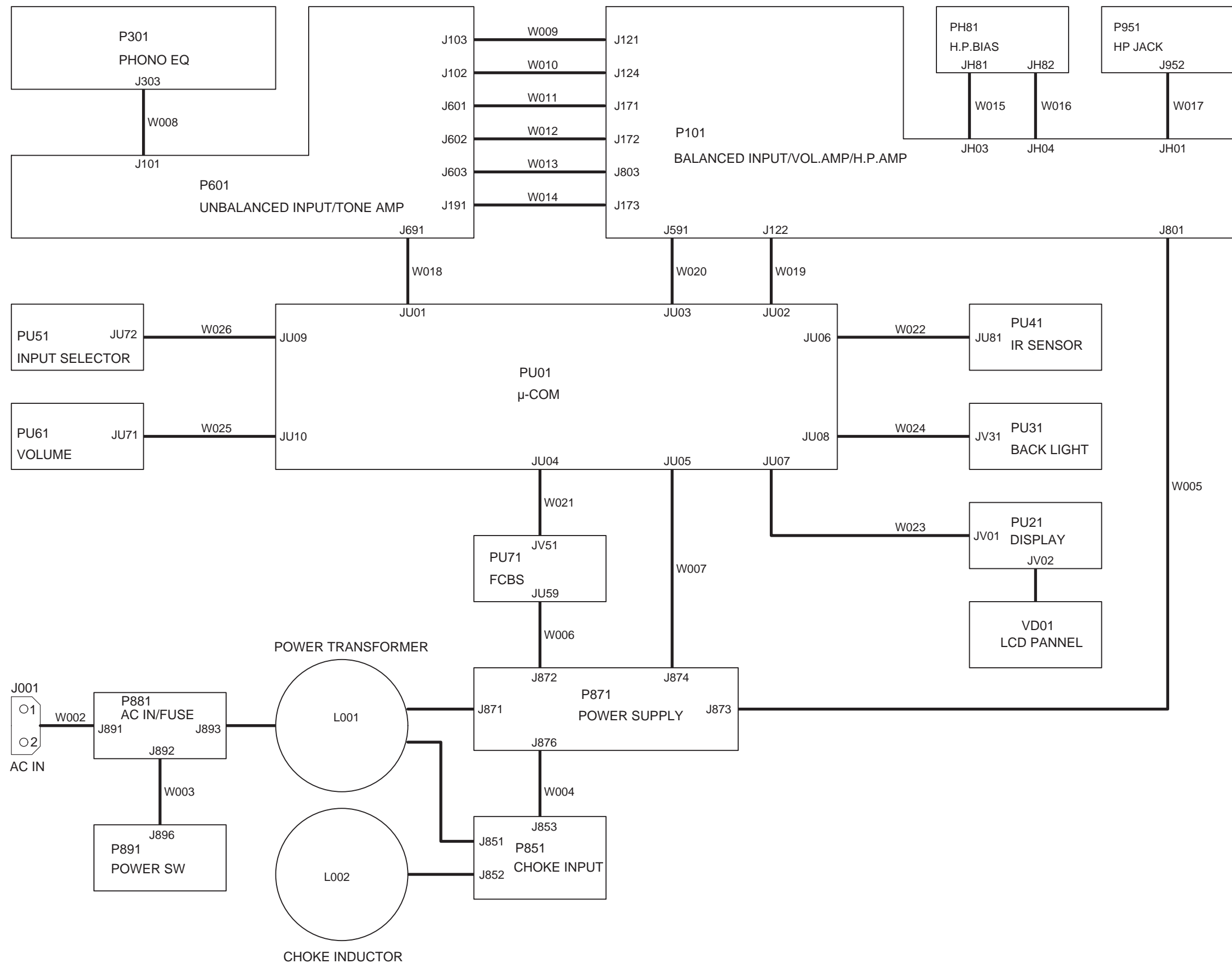
18.. 本機から電源コードとFFCを外します。

19. Check the version number of the firmware Refer to "4. SERVICE MODE".

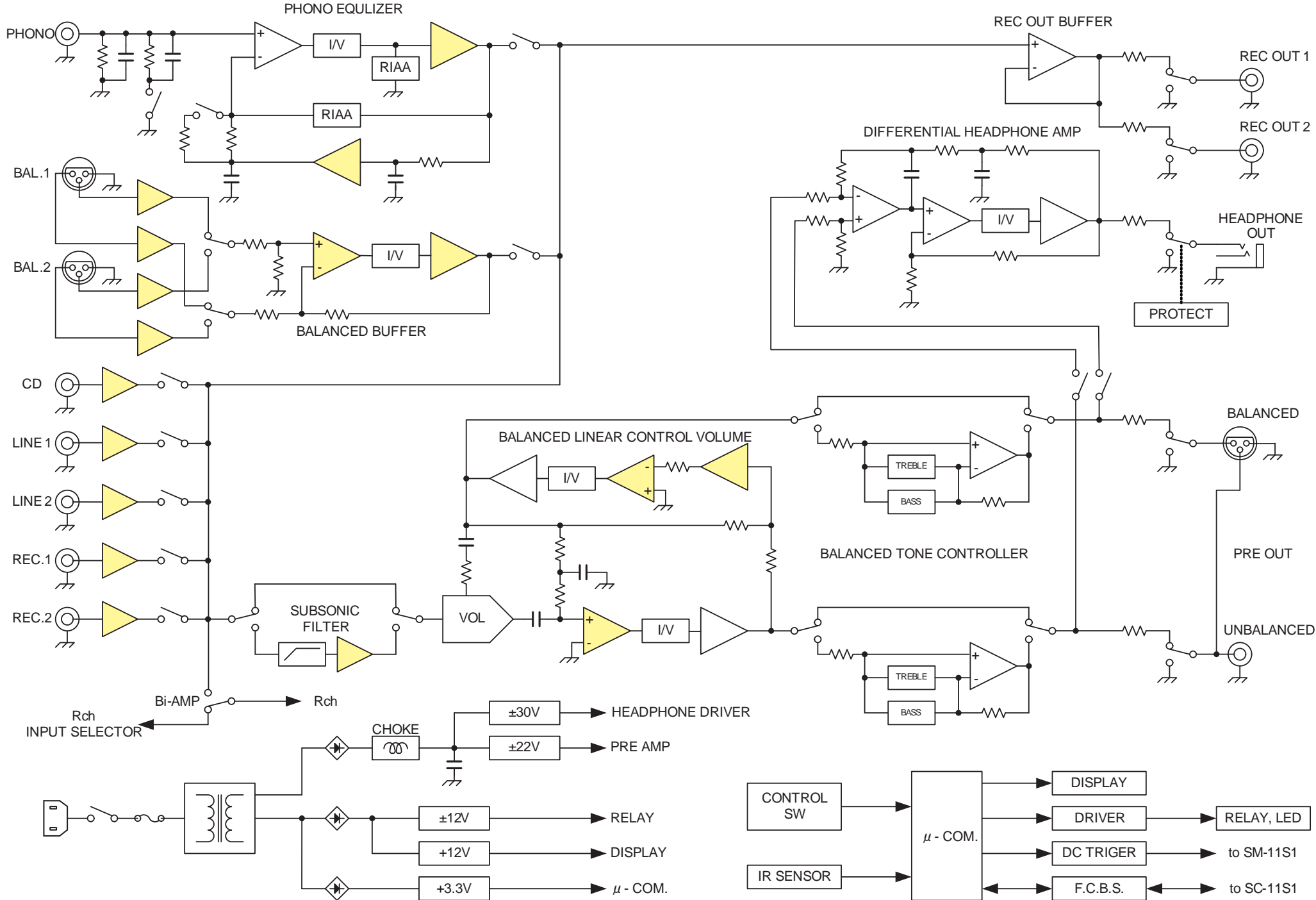
19. Versionの確認をします。"4.SERVICE MODE"で確認します。書き込んだバージョンが正しければ書き換え完了です。

Personal notes:

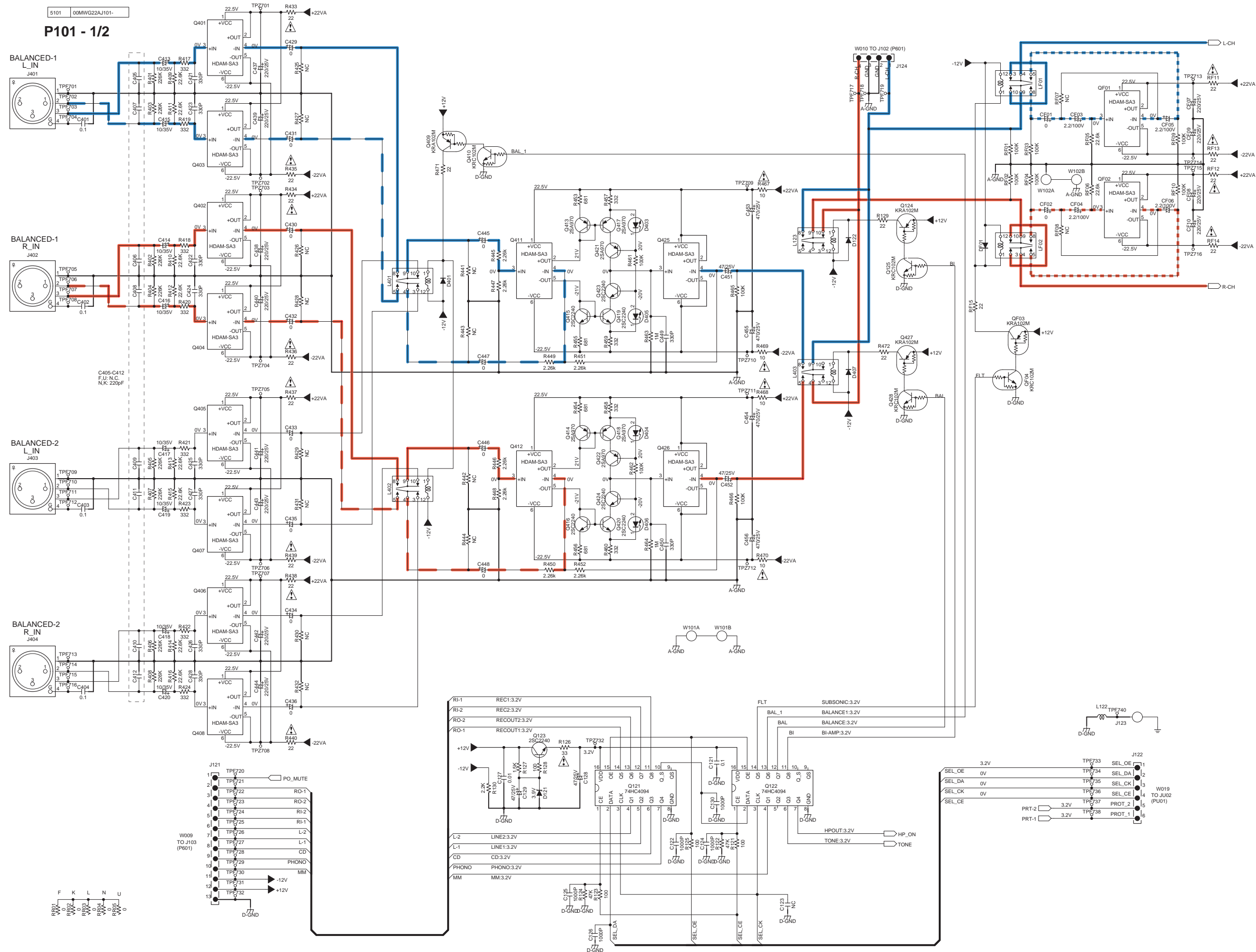
6. WIRING DIAGRAM



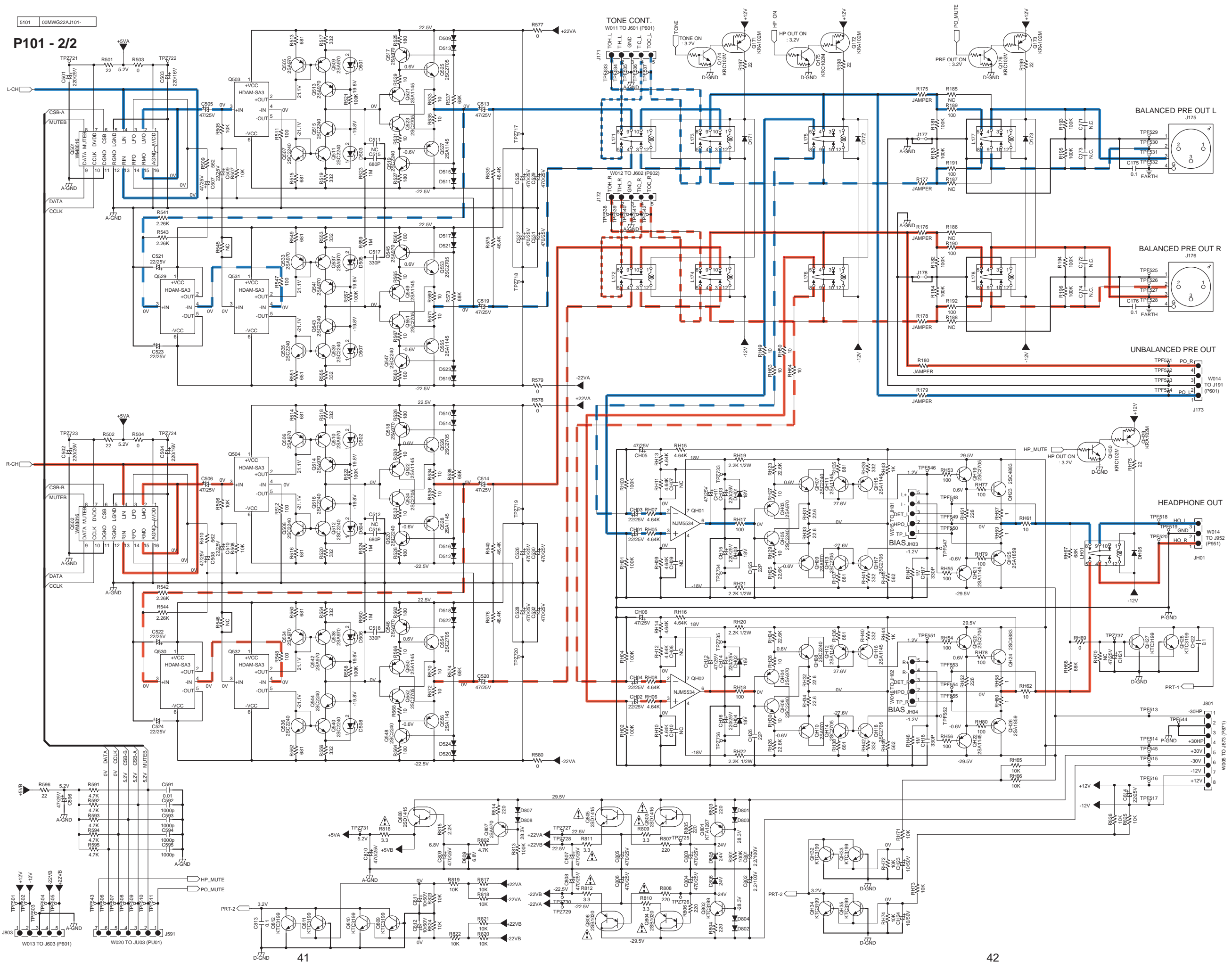
7. BLOCK DIAGRAM



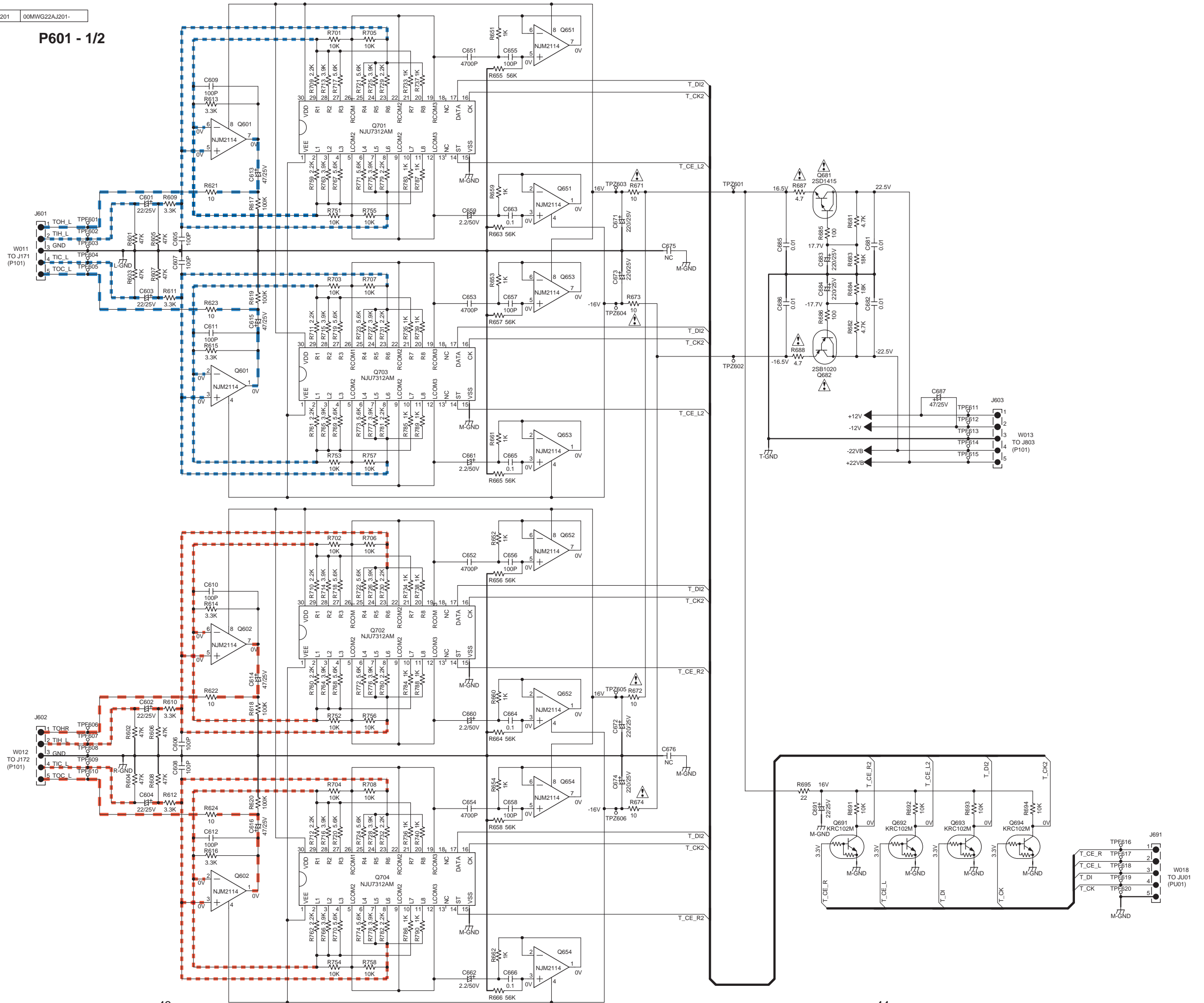
8. SCHEMATIC DIAGRAM

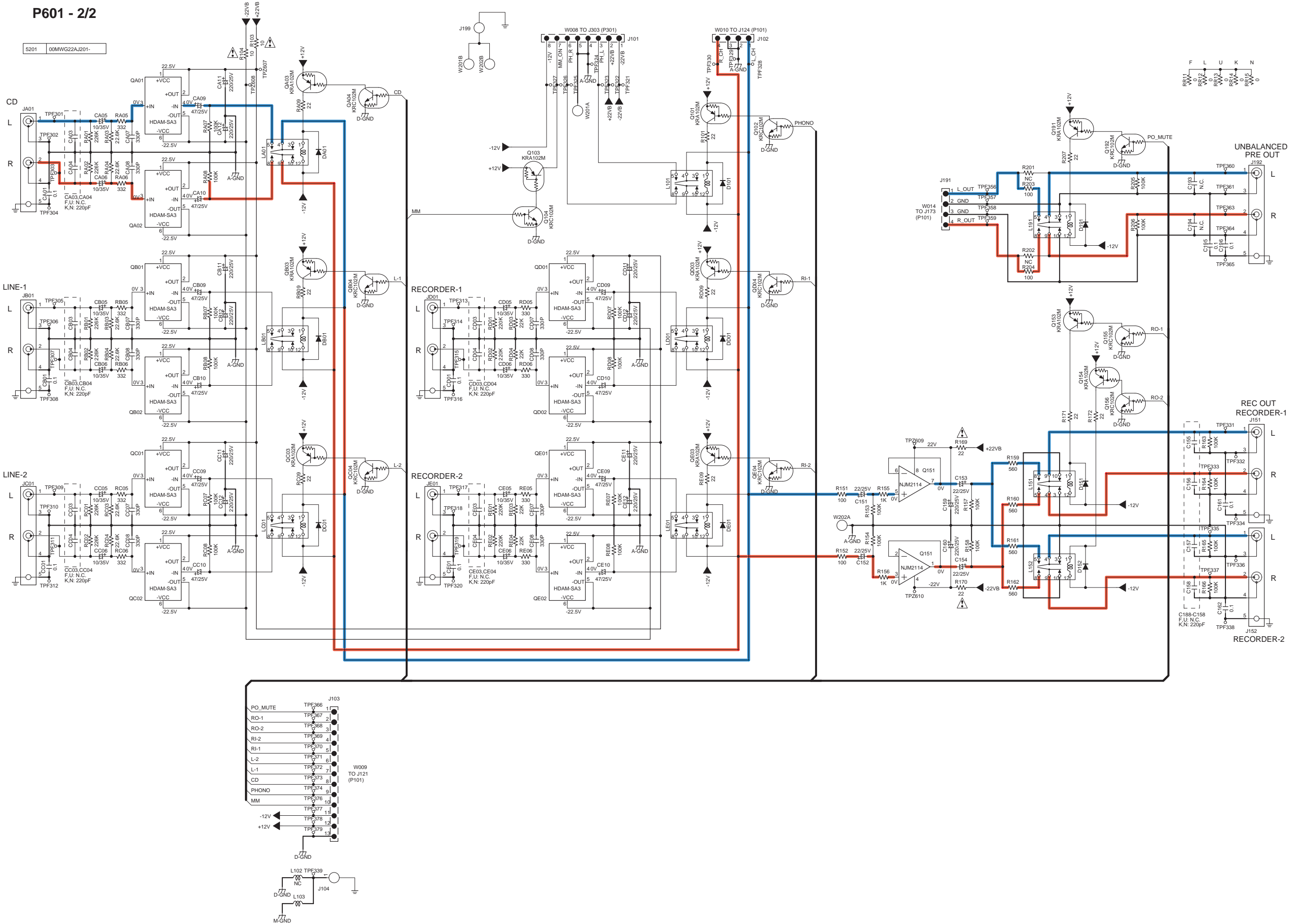


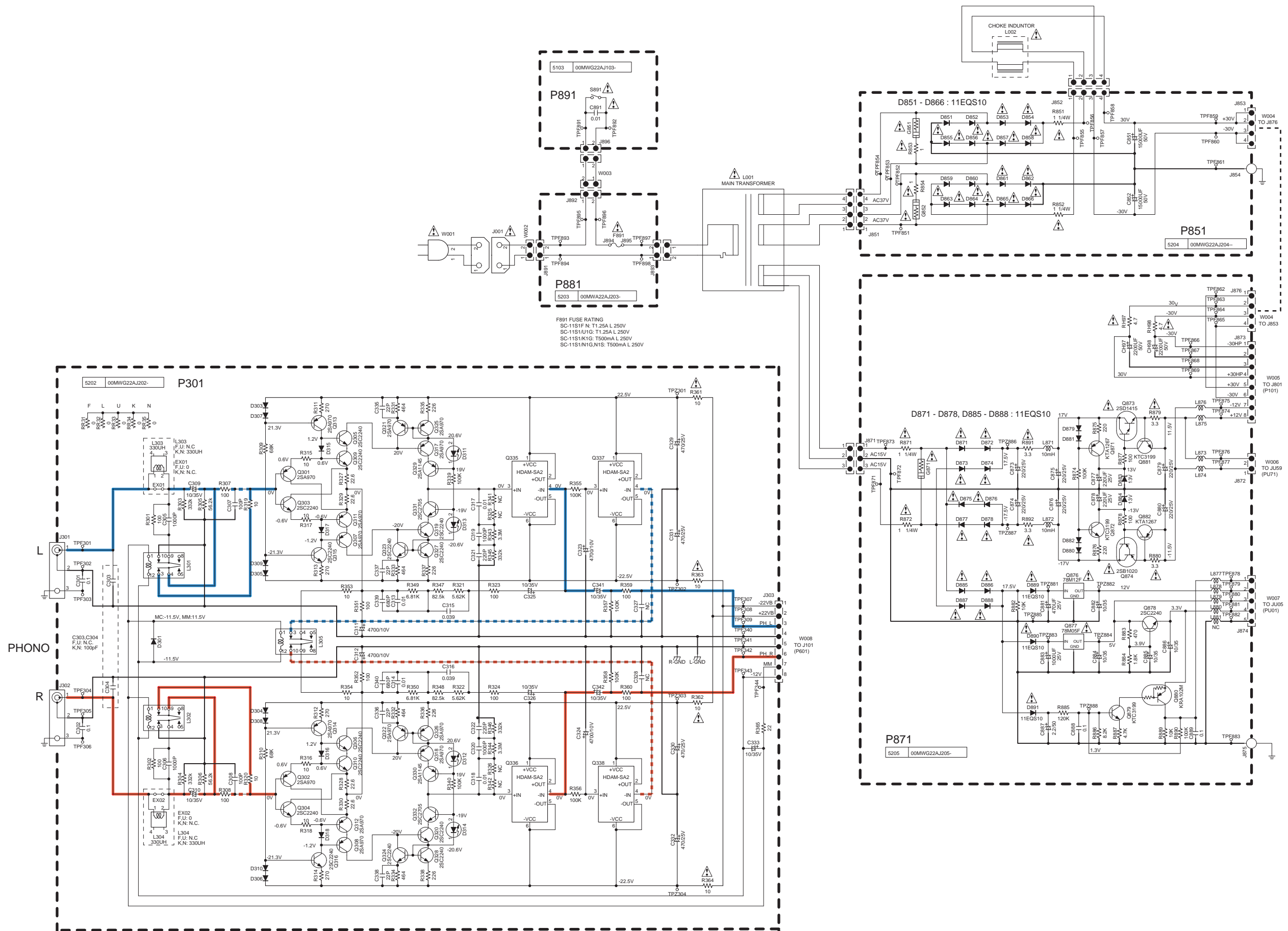
P101 - 2/2

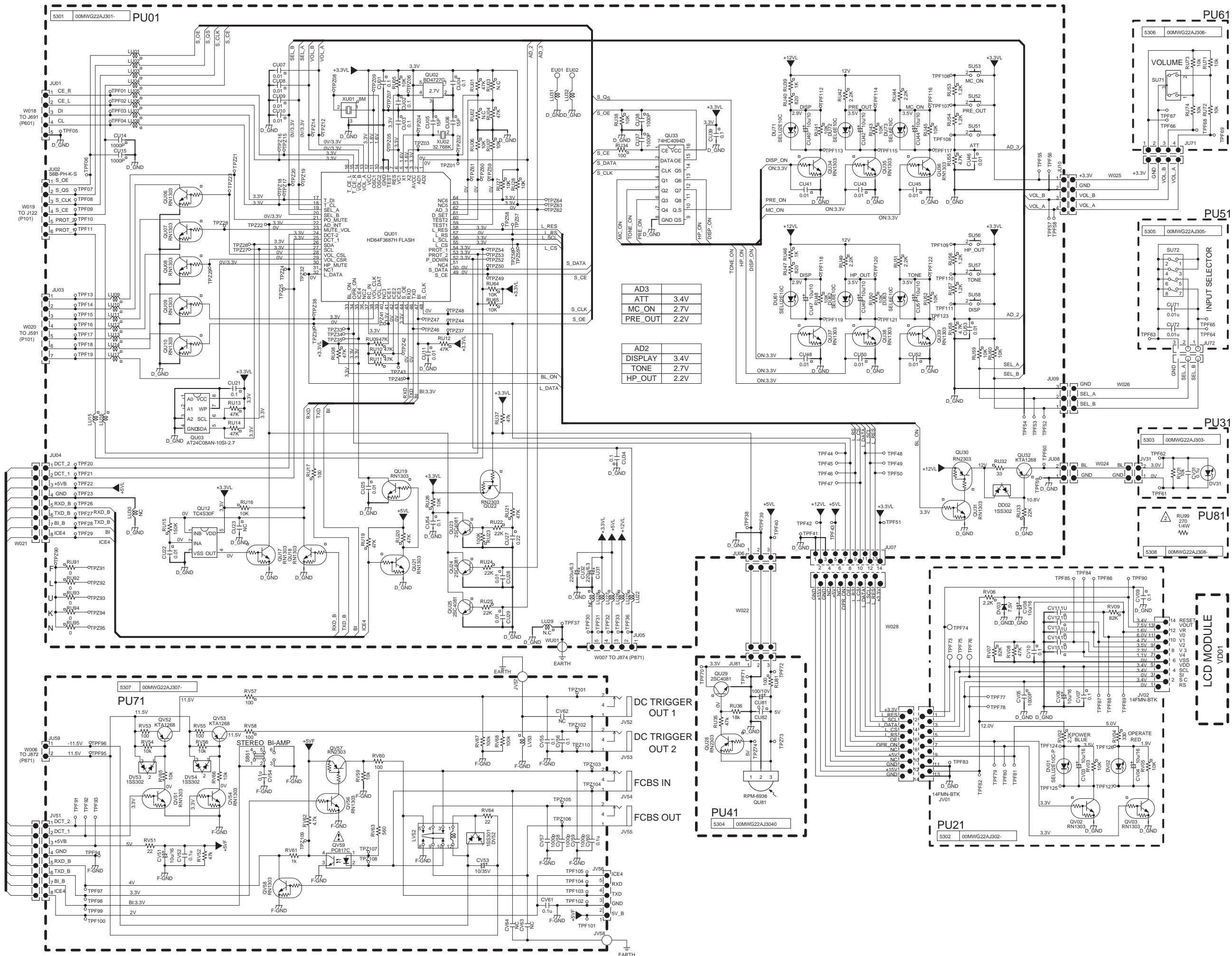


P601 - 1/2



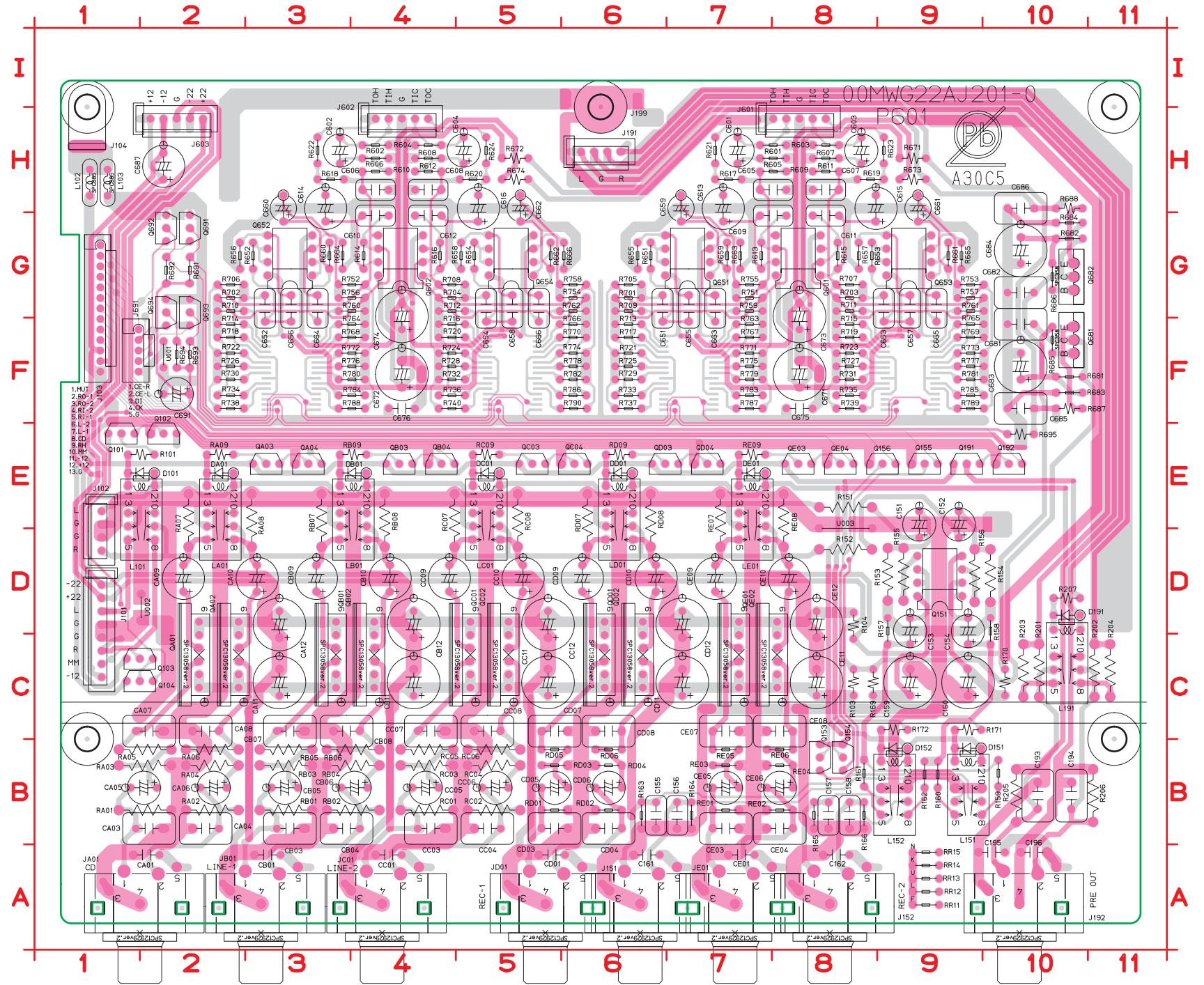






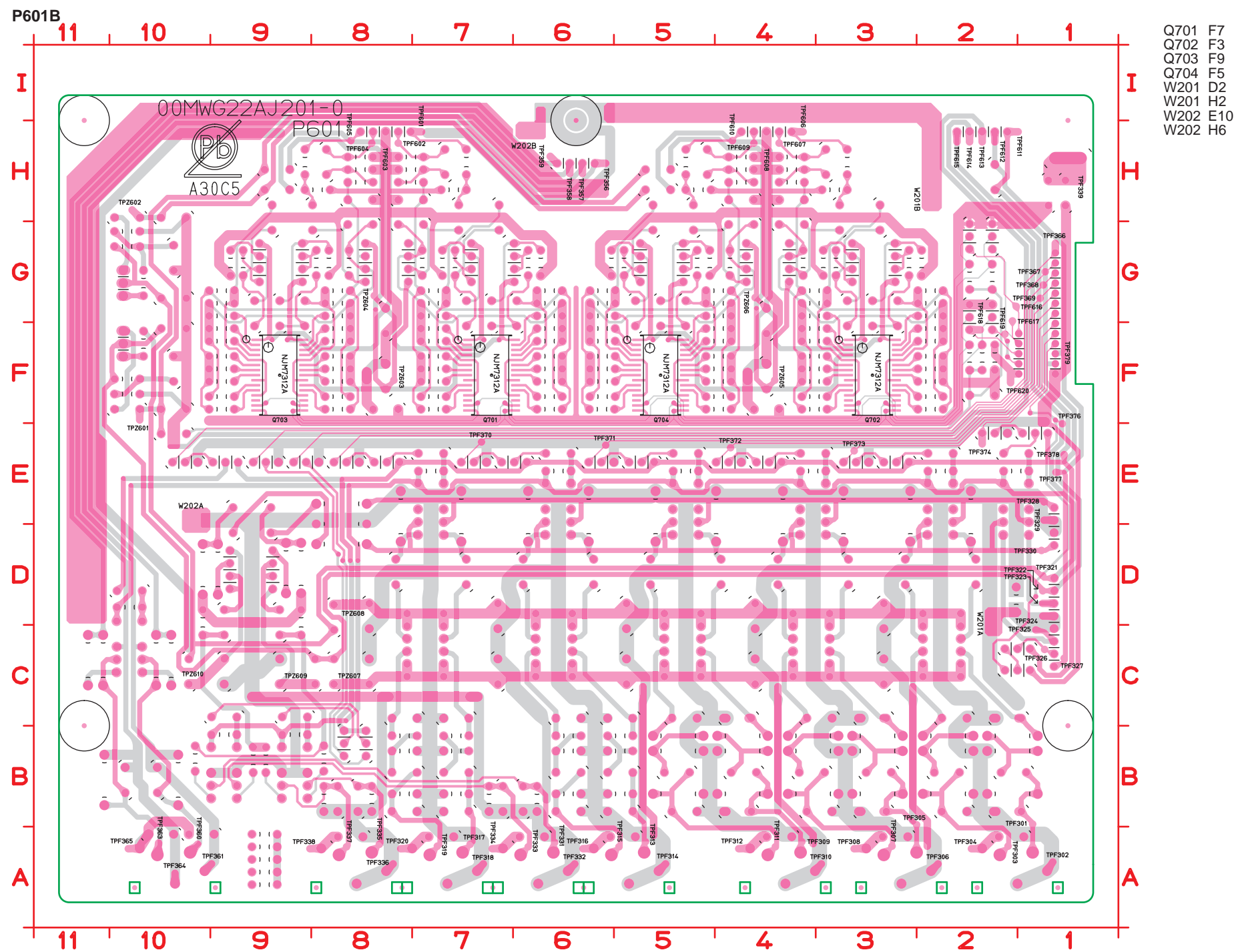
9. PARTS LOCATION

P601A													
C151	D9	CA05	B2	J151	A6	QE02	C8	R659	G7	R751	G7	RC08	D5
C152	D9	CA06	B2	J152	A8	QE03	E8	R660	G3	R752	G4	RC09	E5
C153	C9	CA07	C2	J191	H6	QE04	E8	R661	G9	R753	G10	RD01	B6
C154	C9	CA08	C2	J192	A10	R101	E1	R662	G5	R754	G6	RD02	B6
C155	B6	CA09	D2	J199	I6	R103	C8	R663	G7	R755	G7	RD03	B6
C156	B7	CA10	D3	J601	H8	R104	D8	R664	G3	R756	G3	RD04	B6
C157	B8	CA11	C3	J602	H4	R151	E8	R665	G9	R757	G9	RD05	B6
C158	B8	CA12	C3	J603	H2	R152	D8	R666	G6	R758	G5	RD06	B6
C159	C9	CB01	A3	J691	F1	R153	D9	R671	H9	R759	G7	RD07	E6
C160	C9	CB03	B3	JA01	A2	R154	D10	R672	H5	R760	G4	RD08	D6
C161	A6	CB04	B4	JB01	A3	R155	D9	R673	H9	R761	G10	RD09	E6
C162	A8	CB05	B3	JC01	A4	R156	D9	R674	H5	R762	G6	RE01	B7
C193	B10	CB06	B4	JD01	A5	R157	D9	R681	F10	R763	F7	RE02	B7
C194	B10	CB07	C3	JE01	A7	R158	C10	R682	G10	R764	F4	RE03	B7
C195	A10	CB08	C3	L101	E1	R159	B10	R683	F10	R765	F10	RE04	B7
C196	A10	CB09	D3	L102	H1	R160	B9	R684	G10	R766	F6	RE05	B7
C601	H7	CB10	D4	L103	H1	R161	B8	R685	F10	R767	F7	RE06	B7
C602	H3	CB11	C4	L151	B9	R162	B9	R686	G10	R768	F4	RE07	E7
C603	H8	CB12	C4	L152	B9	R163	B6	R687	F10	R769	F10	RE08	D8
C604	H5	CC01	A4	L191	D10	R164	B7	R688	H10	R770	F6	RE09	E7
C605	H8	CC03	B4	LA01	E2	R165	B8	R691	G2	R771	F7	RR11	A9
C606	H4	CC04	B5	LB01	E3	R166	B8	R692	G2	R772	F4	RR12	A9
C607	H8	CC05	B4	LC01	E5	R169	C8	R693	F2	R773	F10	RR13	A9
C608	H4	CC06	B5	LD01	E6	R170	C10	R694	F2	R774	F6	RR14	A9
C609	G8	CC07	C4	LE01	E7	R171	C9	R695	E10	R775	F7	RR15	A9
C610	G4	CC08	C5	Q101	E1	R172	C9	R701	G6	R776	F4	U001	F2
C611	G8	CC09	D4	Q102	E2	R201	C10	R702	G2	R777	F10	U002	D2
C612	G4	CC10	D5	Q103	C2	R202	C11	R703	G8	R778	F6	U003	E8
C613	G7	CC11	C5	Q104	C2	R203	C10	R704	G4	R779	F7		
C614	G3	CC12	C5	Q151	D9	R204	C11	R705	G6	R780	F4		
C615	G8	CD01	A6	Q153	B8	R205	B10	R706	G2	R781	F10		
C616	G5	CD03	B6	Q154	B8	R206	B11	R707	G8	R782	F6		
C651	G6	CD04	B6	Q155	E9	R207	D10	R708	G5	R783	F7		
C652	G3	CD05	B6	Q156	E9	R601	H8	R709	G6	R784	F4		
C653	G9	CD06	B6	Q191	E9	R602	H4	R710	G2	R785	F10		
C654	G5	CD07	C6	Q192	E10	R603	H8	R711	G8	R786	F6		
C655	F7	CD08	C6	Q601	G8	R604	H4	R712	G5	R787	F7		
C656	F3	CD09	D6	Q602	G4	R605	H8	R713	F6	R788	F4		
C657	F9	CD10	D6	Q651	G7	R606	H4	R714	F2	R789	F10		
C658	F5	CD11	C7	Q652	G3	R607	H8	R715	F8	R790	F6		
C659	G7	CD12	C7	Q653	G9	R608	H4	R716	F5	RA01	B2		
C660	G3	CE01	A7	Q654	G5	R609	H8	R717	F6	RA02	B2		
C661	G9	CE03	B7	Q681	F10	R610	H4	R718	F2	RA03	B2		
C662	G5	CE04	B8	Q682	G10	R611	H8	R719	F8	RA04	B2		
C663	F7	CE05	B7	Q691	G2	R612	H4	R720	F5	RA05	B2		
C664	F3	CE06	B8	Q692	G2	R613	G7	R721	F6	RA06	B2		
C665	F9	CE07	C7	Q693	G2	R614	G4	R722	F2	RA07	E2		
C666	F5	CE08	C7	Q694	G2	R615	G8	R723	F8	RA08	D3		
C671	F8	CE09	D7	QA01	C2	R616	G4	R724	F5	RA09	E2		
C672	F4	CE10	D8	QA02	C2	R617	H7	R725	F6	RB01	B3		
C673	F8	CE11	C8	QA03	E3	R618	H3	R726	F2	RB02	B3		
C674	F4	CE12	C8	QA04	E3	R619	H9	R727	F8	RB03	B3		
C675	F8	D101	E2	QB01	C3	R620	H5	R728	F5	RB04	B3		
C676	F4	D151	B9	QB02	C4	R621	H7	R729	F6	RB05	B3		
C681	F10	D152	B9	QB03	E4	R622	H3	R730	F2	RB06	B3		
C682	G10	D191	D10	QB04	E4	R623	H9	R731	F8	RB07	E3		
C683	F10	DA01	E2	QC01	C5	R624	H5	R732	F5	RB08	D4		
C684	G10	DB01	E4	QC02	C5	R651	G6	R733	F6	RB09	E3		
C685	F10	DC01	E5	QC03	E5	R652	G3	R734	F2	RC01	B4		
C686	H10	DD01	E6	QC04	E6	R653	G8	R735	F8	RC02	B5		
C687	H2	DE01	E7	QD01	C6	R654	G5	R736	F5	RC03	B4		
C691	F2	J101	D1	QD02	C6	R655	G6	R737	F6	RC04	B5		
CA01	A2	J102	E1	QD03	E6	R656	G2	R738	F2	RC05	B4		
CA03	B2	J103	G1	QD04	E7	R657	G8	R739	F8	RC06	B5		
CA04	B2	J104	I1	QE01	C7	R658	G5	R740	F5	RC07	E4		



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).

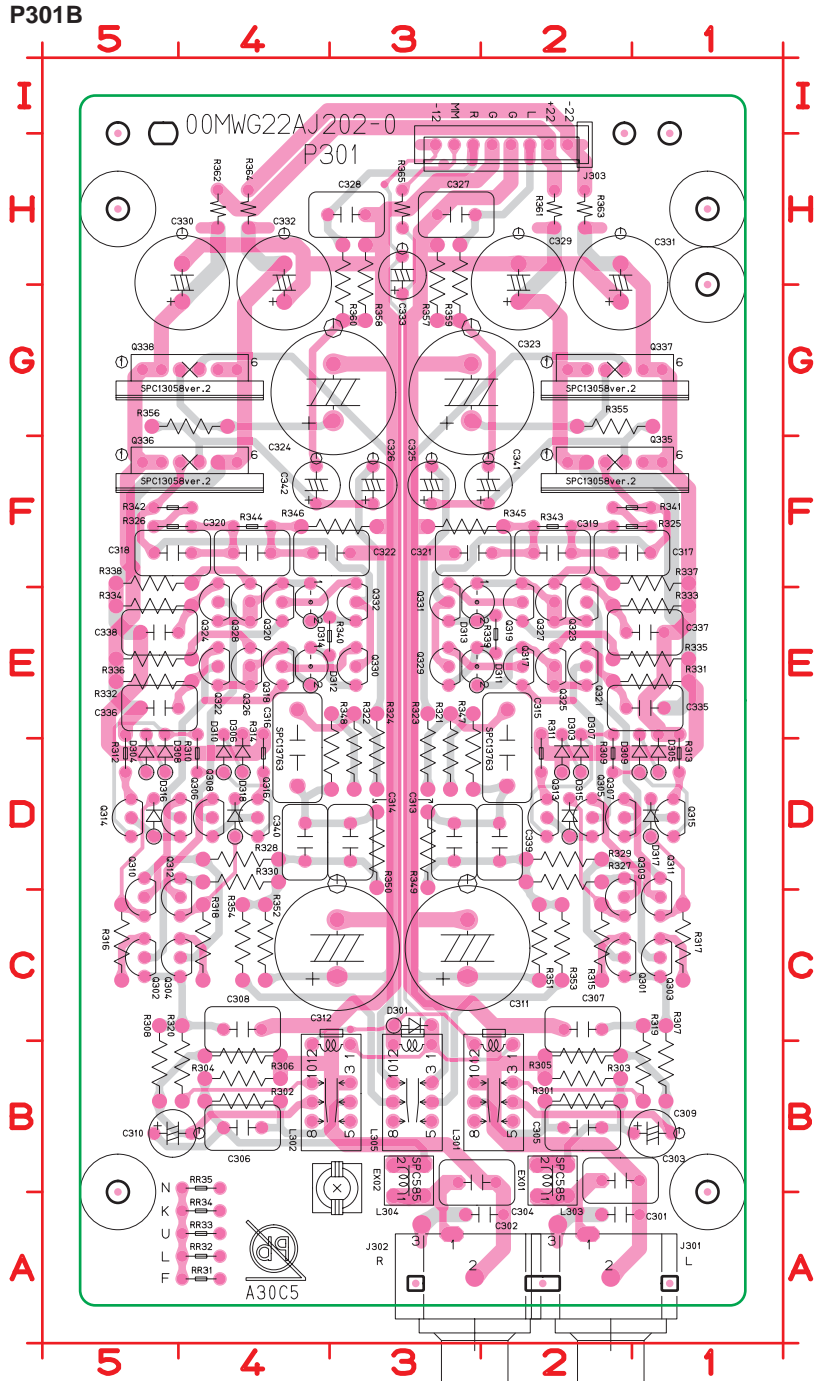


鉛フリー半田

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).



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).

C301 A2
C302 A3
C303 B1
C304 B3
C305 B2
C306 B4
C307 C2
C308 C4
C309 B1
C310 B5
C311 C3
C312 C3
C313 D3
C314 D3
C315 D2
C316 D4
C317 F2
C318 F5
C319 F2
C320 F4
C321 F3
C322 F4
C323 G3
C324 G3
C325 F3
C326 F3
C327 H3
C328 H4
C329 G2
C330 G4
C331 G2
C332 G4
C333 G3
C335 E2
C336 E5
C337 E1
C338 E5
C339 D2
C340 D4
C341 F2
C342 F4
D301 C3
D303 D2
D304 D5
D305 D1
D306 D4
D307 D2
D308 D5
D309 D1
D310 D4
D311 E3
D312 E4
D313 E3
D314 E4
D315 D2
D316 D5
D317 D1
D318 D4
EX01 A2
EX02 B3
J301 A2

J302 A3
J303 H2
L301 B2
L302 B3
L303 B2
L304 B3
L305 B3
Q301 C2
Q302 C5
Q303 C1
Q304 C4
Q305 D2
Q306 D4
Q307 D2
Q308 D4
Q309 C2
Q310 C5
Q311 C1
Q312 C4
Q313 D2
Q314 D5
Q315 D1
Q316 D4
Q317 E2
Q318 E4
Q319 E2
Q320 E4
Q321 E2
Q322 E4
Q323 E2
Q324 E4
Q325 E2
Q326 E4
Q327 E2
Q328 E4
Q329 E3
Q330 E3
Q331 E3
Q332 E3
Q335 F2
Q336 F4
Q337 G2
Q338 G4
R301 B2
R302 B4
R303 B2
R304 B4
R305 B2
R306 B4
R307 B1
R308 B5
R309 D2
R310 D4
R311 D2
R312 D5
R313 E1
R314 E4
R315 C2
R316 C5
R317 C1
R318 C4

R319 B1
R320 C4
R321 D3
R322 D3
R323 D3
R324 D3
R325 F2
R326 F5
R327 D2
R328 D4
R329 D2
R330 D4
R331 E2
R332 E4
R333 E1
R334 E5
R335 E2
R336 E4
R337 F1
R338 F5
R339 E2
R340 E4
R341 F2
R342 F5
R343 F2
R344 F4
R345 F3
R346 F4
R347 D3
R348 D3
R349 D3
R350 D3
R351 C2
R352 C4
R353 C2
R354 C4
R355 G1
R356 G5
R357 H3
R358 G3
R359 G3
R360 G3
R361 H2
R362 H4
R363 H2
R364 H4
R365 H3
RR31 A4
RR32 A4
RR33 A4
RR34 A4
RR35 B4

P101A
C121 B4
C122 A4
C123 A4
C124 A4
C125 A4
C126 A4
C127 B7
C128 A6
C129 A7
C130 A5
C171 L15
C172 J15
C173 L15
C174 J15
C175 L15
C176 K15
C401 F15
C402 D15
C403 I15
C404 G15
C405 E15
C406 D15
C407 E15
C408 C15
C409 H15
C410 G15
C411 H15
C412 F15
C413 E14
C414 D14
C415 E14
C416 C14
C417 H14
C418 G14
C419 H14
C420 F14
C421 E14
C422 D14
C423 E14
C424 D14
C425 H14
C426 G14
C427 H14
C428 F14
C429 E13
C430 D13
C431 E13
C432 C13
C433 H13
C434 G13
C435 H13
C436 G13
C437 D14
C438 C14
C439 D13
C440 C13
C441 I14
C442 H14
C443 I13
C444 H13
C445 G12
C446 F12
C447 F12
C448 E12
C449 H12
C450 D12
C451 H12
C452 D12
C453 I11
C454 C11
C455 I11
C456 C11
C501 J10
C502 F10
C503 J9
C504 F9
C505 K9
C506 G9
C507 J9
C508 F9
C509 J9
C510 F9
C511 J8
C512 F8
C513 K6
C514 G6
C515 J7
C516 F7
C517 I8
C518 E8
C519 I6
C520 E6
C521 H10
C522 D10
C523 I10
C524 E10
C525 J7
C526 F7
C527 J6
C528 F6
C529 I7
C530 F7
C531 I6
C532 F6
C591 D10
C592 D10
C593 D9
C594 D9

C595 D9
C596 D8
C801 E3
C802 E4
C803 E3
C804 E4
C805 C4
C806 C4
C807 C3
C808 C5
C809 E2
C810 C2
C811 A3
C812 B3
C813 B3
C814 M6
CF01 L10
CF02 K10
CF03 L11
CF04 K11
CF05 L12
CF06 K12
CF07 K13
CF08 J13
CF09 L13
CF10 K13
CH01 F4
CH02 F2
CH03 F4
CH04 F1
CH05 H4
CH06 H1
CH07 G3
CH08 G2
CH09 F3
CH10 F2
CH11 F4
CH12 F1
CH13 H4
CH14 H2
CH15 H3
CH16 H2
CH17 J3
CH18 J2
CH21 L5
CH22 K5
CH23 L5
CH24 B3
CH25 H3
CH26 H2
D121 A7
D122 J11
D172 F5
D173 J13
D401 F13
D403 H11
D404 D11
D405 H11
D406 D11
D407 I11
D501 K8
D502 G8
D503 K8
D504 G8
D505 H8
D506 E8
D507 I8
D508 E8
D509 J7
D510 G7
D511 K6
D512 G6
D513 J6
D514 G6
D515 K7
D516 G7
D517 I7
D518 E7
D519 H6
D520 D6
D521 I6
D522 E6
D523 H7
D524 D7
D801 E3
D802 E4
D803 E3
D804 E4
D805 E3
D806 E4
D807 E2
D808 E1
D809 E1
DF01 K11
DH01 G3
DH02 G2
DH03 G3
DH04 G2
DH05 L2
J121 B6
J122 B3
J123 C1
J124 C10
J171 J5
J172 G5
J173 H6
J175 L16

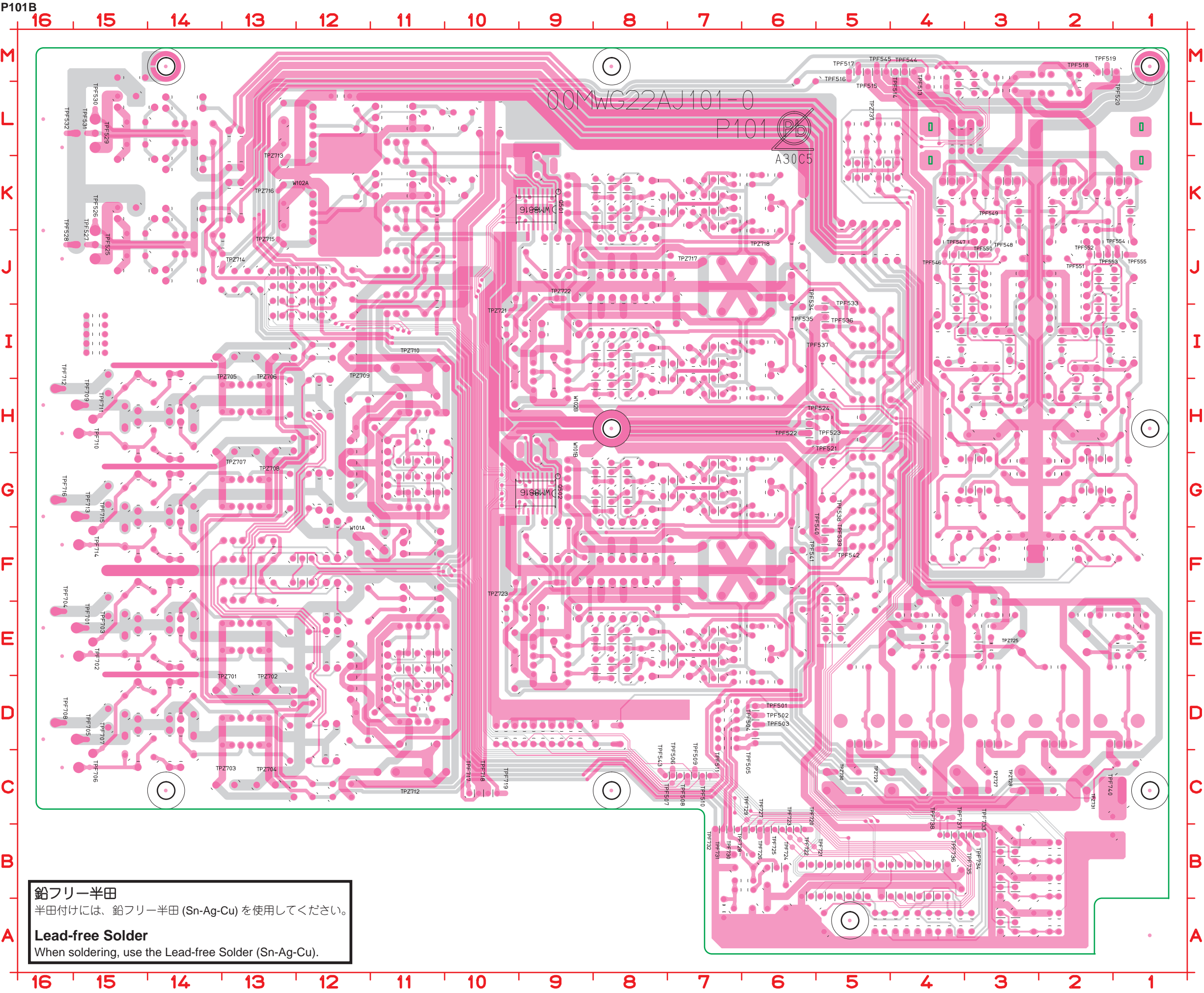
J176 J16
J177 J5
J178 J5
J401 E16
J402 C16
J403 H16
J404 F16
J591 C7
J801 M4
J803 D6
JH01 M1
JH03 J3
JH04 J1
L122 B2
L123 J11
L171 I4
L172 F4
L173 I4
L174 G4
L175 H4
L176 G4
L177 L14
L178 J14
L401 F13
L402 F13
L403 I11
LF01 K11
LF02 K11
LH01 L2
Q121 B4
Q122 B5
Q123 B6
Q124 J12
Q125 J13
Q171 F5
Q172 E5
Q173 J12
Q174 F5
Q175 E5
Q176 J13
Q401 E13
Q402 D13
Q403 E13
Q404 D13
Q405 H13
Q406 G13
Q407 H13
Q408 G13
Q409 F12
Q410 F12
Q411 G11
Q412 E11
Q413 G11
Q414 E11
Q415 G11
Q416 E11
Q417 G11
Q418 E11
Q419 G11
Q420 E11
Q421 G11
Q422 D11
Q423 G11
Q424 D11
Q425 H11
Q426 D11
Q427 I12
Q428 I13
Q503 K9
Q504 G9
Q505 K8
Q506 G8
Q507 K8
Q508 G8
Q509 K8
Q510 G8
Q511 K8
Q512 G8
Q513 K8
Q514 G8
Q515 H8
Q516 F8
Q517 J8
Q518 G8
Q519 J8
R183 L13
R184 K13
R185 K14
R186 J14
R187 L14
R188 K14
R189 K14
R190 J14
R191 L14
R192 K14
R193 K15
R194 J15
R195 L14
R196 K14
R197 F5
R198 E5
R199 J12
R401 E15
R402 D15
R403 E15
R404 D15
R405 H15
R406 G15
R407 H15
R408 G15
R409 E14

Q543 I8
Q544 E8
Q545 I7
Q546 E7
Q547 H7
Q548 D7
Q549 I7
Q550 E7
Q551 H7
Q552 E7
Q553 I7
Q554 E7
Q555 I7
Q556 E7
Q801 E3
Q802 E4
Q803 D3
Q804 D4
Q805 D2
Q806 D5
Q807 E1
Q808 D1
Q809 B3
Q810 B3
Q811 A3
Q812 A3
QF01 L12
QF02 K12
QF03 J12
QF04 J13
QH01 G3
QH02 G2
QH03 H3
QH04 H2
QH05 H3
QH06 H2
QH07 I4
QH08 I2
QH09 I3
QH10 I2
QH11 J3
QH12 I2
QH13 I3
QH14 J2
QH15 J4
QH16 I1
QH17 I4
QH18 J1
QH19 K4
QH20 K2
QH21 K3
QH22 K1
QH23 K4
QH24 K2
QH25 K3
QH26 K1
QH27 K5
QH28 K5
QH29 L3
QH30 L4
QH32 K5
QH33 K5
QH34 B3
QH35 B3
R121 A5
R122 A5
R123 A4
R124 A4
R125 A3
R126 B6
R127 B7
R128 B7
R129 J12
R130 B7
R175 J5
R176 J5
R177 J5
R178 J4
R179 H5
R180 H5
R181 K13
R182 K13
R183 L13
R184 K13
R185 K14
R186 J14
R187 L14
R188 K14
R189 K14
R190 J14
R191 L14
R192 K14
R193 K15
R194 J15
R195 L14
R196 K14
R197 F5
R198 E5
R199 J12
R401 E15
R402 D15
R403 E15
R404 D15
R405 H15
R406 G15
R407 H15
R408 G15
R409 E14

R410 D14
R411 E14
R412 D14
R413 H14
R414 G14
R415 H14
R416 G14
R417 F14
R418 D14
R419 E14
R420 C14
R421 I14
R422 G14
R423 G14
R424 F14
R425 E12
R426 C12
R427 E12
R428 C12
R429 H12
R430 G12
R431 H12
R432 G12
R433 D13
R434 C13
R435 D13
R436 C13
R437 I13
R438 H13
R439 I13
R440 H13
R441 G12
R442 E12
R443 F12
R444 F12
R445 F11
R446 F11
R447 F11
R448 F11
R449 F11
R450 E11
R451 G11
R452 E11
R453 G11
R454 E11
R455 G12
R456 E12
R457 G11
R458 D11
R459 H12
R460 D12
R461 H11
R462 D11
R463 H12
R464 D12
R465 H11
R466 D11
R467 I12
R468 C12
R469 I12
R470 C12
R471 F13
R472 I12
R501 I9
R502 E9
R503 I10
R504 E10
R505 J9
R506 F9
R507 J9
R508 F9
R509 J9
R510 F9
R511 J8
R512 F8
R513 J8
R514 G8
R515 J8
R516 F8
R517 J8
R518 G8
R519 J8
R520 F8
R521 K8
R522 G8
R523 J8
R524 F8
R525 K7
R526 G7
R527 K6
R528 G6
R529 K8
R530 G8
R531 K7
R532 G7
R533 K6
R534 G6
R535 K7
R536 G7
R537 K7
R538 G7
R539 J6
R540 F6
R541 I9
R542 E9
R543 I9
R544 E9
R545 I9

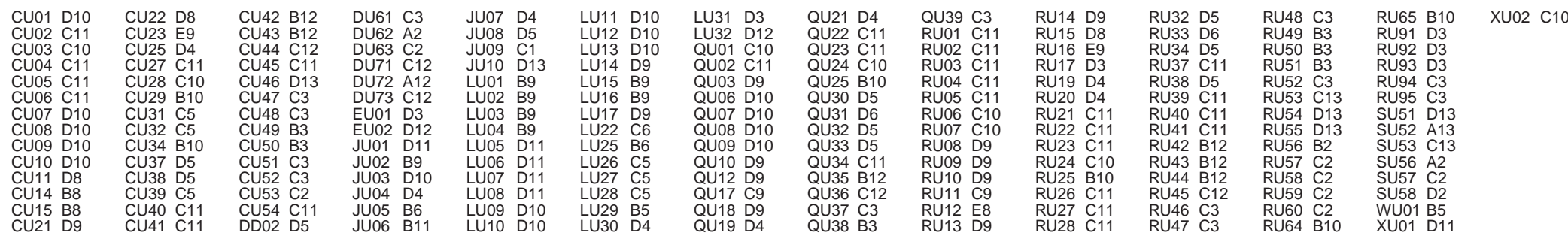
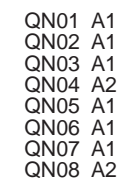
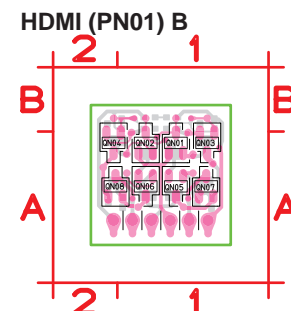
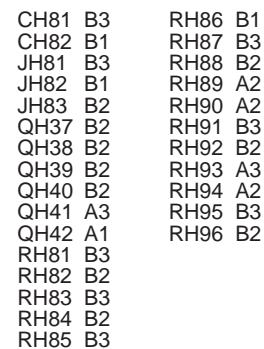
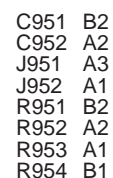
R546 E9
R547 I9
R548 E9
R549 I8
R550 E8
R551 J8
R552 F8
R553 I8
R554 E8
R555 J8
R556 F8
R557 I8
R558 E8
R559 I8
R560 E8
R561 I7
R562 E7
R563 H6
R564 E6
R565 I8
R566 E8
R567 H7
R568 D7
R569 I6
R570 E6
R571 I7
R572 E7
R573 H7
R574 E7
R575 I6
R576 E6
R577 I6
R578 F6
R579 J6
R580 F6
R591 D10
R592 D9
R593 D9
R594 D9
R595 D9
R596 D8
R801 E4
R802 E1
R803 E3
R804 E4
R805 E3
R806 E4
R807 E2
R808 E5
R809 C3
R810 C4
R811 C5
R812 C2
R813 E2
R814 E1
R815 E2
R816 C1
R817 D7
R818 D7
R819 A2
R820 D7
R821 D7
R822 B2
R823 A2
R824 B2
R825 D7
R826 D7
RF01 L10
RF02 L10
RF03 L11
RF04 K10
RF05 L11
RF06 K11
RF07 L11
RF08 K11
RF09 L11
RF10 K11
RF11 J13
RF12 J13
RF13 J14
RF14 J13
RF15 J12
RH01 F3
RH02 F2
RH03 F3
RH04 F2
RH05 F3
RH06 F2
RH07 F4
RH08 F2
RH09 F3
RH10 F2
RH11 G3
RH12 G2
RH13 G4
RH14 G1
RH15 I4
RH16 I1
RH17 H3
RH18 H2
RH19 H4
RH20 H2
RH21 H3
RH22 H1
RH23 I4
RH24 I2
RH25 I3
RH26 I1

RH27 H4
RH28 H2
RH29 I3
RH30 I2
RH31 I3
RH32 I2
RH33 I3
RH34 I2
RH35 J2
RH36 I2
RH37 I3
RH38 J2
RH39 J3
RH40 I2
RH41 I3
RH42 J2
RH43 I4
RH44 I1
RH45 I3
RH46 I2
RH47 J3
RH48 J2
RH49 H5
RH50 G5
RH51 K3
RH52 K2
RH53 J3
RH54 J2
RH55 J3
RH56 J2
RH57 K4
RH58 K2
RH59 K3
RH60 K2
RH61 K3
RH62 K2
RH63 H5
RH64 G5
RH65 M4
RH66 L4
RH67 M3
RH68 L3
RH69 L4
RH70 L4
RH71 L5
RH72 L5
RH73 B2
RH74 B2
RH75 M3
RH77 K4
RH78 K2
RH79 K3
RH80 K1
RH81 I15
RH82 I15
RH83 I15
RH84 I15
RH85 I15
RH86 I15
RH87 I15
RH88 I15
RH89 I15
RH90 I15
RH91 I15
RH92 I15
RH93 I15
RH94 I15
RH95 I15
RH96 I15
RH97 I15
RH98 I15
RH99 I15
RH100 I15
RH101 I15
RH102 I15
RH103 I15
RH104 I15
RH105 I15
RH106 I15
RH107 I15
RH108 I15
RH109 I15
RH110 I15
RH111 I15
RH112 I15
RH113 I15
RH114 I15
RH115 I15
RH116 I15
RH117 I15
RH118 I15
RH119 I15
RH120 I15
RH121 I15
RH122 I15
RH123 I15
RH124 I15
RH125 I15
RH126 I15
RH127 I15
RH128 I15
RH129 I15
RH130 I15
RH131 I15
RH132 I15
RH133 I15
RH134 I15
RH135 I15
RH136 I15
RH137 I15
RH138 I15
RH139 I15
RH140 I15
RH141 I15
RH142 I15
RH143 I15
RH144 I15
RH145 I15
RH146 I15
RH147 I15
RH148 I15
RH149 I15
RH150 I15
RH151 I15
RH152 I15
RH153 I15
RH154 I15
RH155 I15
RH156 I15
RH157 I15
RH158 I15
RH159 I15
RH160 I15
RH161 I15
RH162 I15
RH163 I15
RH164 I15
RH165 I15
RH166 I15
RH167 I15
RH168 I15
RH169 I15
RH170 I15
RH171 I15
RH172 I15
RH173 I15
RH174 I15
RH175 I15
RH176 I15
RH177 I15
RH178 I15
RH179 I15
RH180 I15
RH181 I15
RH182 I15
RH183 I15
RH184 I15
RH185 I15
RH186 I15
RH187 I15
RH188 I15
RH189 I15
RH190 I15
RH191 I15
RH192 I15
RH193 I15
RH194 I15
RH195 I15
RH196 I15
RH197 I15
RH198 I15
RH199 I15
RH200 I15
RH201 I15
RH202 I15
RH203 I15
RH204 I15
RH205 I15
RH206 I15
RH207 I15
RH208 I15
RH209 I15
RH210 I15
RH211 I15
RH212 I15
RH213 I15
RH214 I15
RH215 I15
RH216 I15
RH217 I15
RH218 I15
RH219 I15
RH220 I15
RH221 I15
RH222 I15
RH223 I15
RH224 I15
RH225 I15
RH226 I15
RH227 I15
RH228 I15
RH229 I15
RH230 I15
RH231 I15
RH232 I15
RH233 I15
RH234 I15
RH235 I15
RH236 I15
RH237 I15
RH238 I15
RH239 I15
RH240 I15
RH241 I15
RH242 I15
RH243 I15
RH244 I15
RH245 I15
RH246 I15
RH247 I15
RH248 I15
RH249 I15
RH250 I15
RH251 I15
RH252 I15
RH253 I15
RH254 I15
RH255 I15
RH256 I15
RH257 I15
RH258 I15
RH259 I15
RH260 I15
RH261 I15
RH262 I15
RH263 I15
RH264 I15
RH265 I15
RH266 I15
RH267 I15
RH268 I15
RH269 I15
RH270 I15
RH271 I15
RH272 I15
RH273 I15
RH274 I15
RH275 I15
RH276 I15
RH277 I15
RH278 I15
RH279 I15
RH280 I15
RH281 I15
RH282 I15
RH283 I15
RH284 I15
RH285 I15
RH286 I15
RH287 I15
RH288 I15
RH289 I15
RH290 I15
RH291 I15
RH292 I15
RH293 I15
RH294 I15
RH295 I15
RH296 I15
RH297 I15
RH298 I15
RH299 I15
RH300 I15
RH301 I15
RH302 I15
RH303 I15
RH304 I15
RH305 I15
RH306 I15
RH307 I15
RH308 I15
RH309 I15
RH310 I15
RH311 I15
RH312 I15
RH313 I15
RH314 I15
RH315 I15
RH316 I15
RH317 I15
RH318 I15
RH319 I15
RH320 I15
RH321 I15
RH322 I15
RH323 I15
RH324 I15
RH325 I15
RH326 I15
RH327 I15
RH328 I15
RH329 I15
RH330 I15
RH331 I15
RH332 I15
RH333 I15
RH334 I15
RH335 I15
RH336 I15
RH337 I15
RH338 I15
RH339 I15
RH340 I15
RH341 I15
RH342 I15
RH343 I15
RH344 I15
RH345 I15
RH346 I15
RH347 I15
RH348 I15
RH349 I15
RH350 I15
RH351 I15
RH352 I15
RH353 I15
RH354 I15
RH355 I15
RH356 I15
RH357 I15
RH358 I15
RH359 I15
RH360 I15
RH361 I15
RH362 I15
RH363 I15
RH364 I15
RH365 I15
RH366 I15
RH367 I15
RH368 I15
RH369 I15
RH370 I15
RH371 I15
RH372 I15
RH373 I15
RH374 I15
RH375 I15
RH376 I15
RH377 I15
RH378 I15
RH379 I15
RH380 I15
RH381 I15
RH382 I15
RH383 I15
RH384 I15
RH385 I15
RH386 I15
RH387 I15
RH388 I15
RH389 I15
RH390 I15
RH391 I15
RH392 I15
RH393 I15
RH394 I15
RH395 I15
RH396 I15
RH397 I15
RH398 I15
RH399 I15
RH400 I15
RH401 I15
RH402 I15
RH403 I15
RH404 I15
RH405 I15
RH406 I15
RH407 I15
RH408 I15
RH409 I15
RH410 I15
RH411 I15
RH412 I15
RH413 I15
RH414 I15
RH415 I15
RH416 I15
RH417 I15
RH418 I15
RH419 I15
RH420 I15
RH421 I15
RH422 I15
RH423 I15
RH424 I15
RH425 I15
RH426 I15
RH427 I15
RH428 I15
RH429 I15
RH430 I15
RH431 I15
RH432 I15
RH433 I15
RH434 I15
RH435 I15
RH436 I15
RH437 I15
RH438 I15
RH439 I15
RH440 I15
RH441 I15
RH442 I15
RH443 I15
RH444 I15
RH445 I15
RH446 I15
RH447 I15
RH448 I15
RH449 I15
RH450 I15
RH451 I15
RH452 I15
RH453 I15
RH454 I15
RH455 I15
RH456 I15
RH457 I15
RH458 I15
RH459 I15
RH460 I15
RH461 I15
RH462 I15
RH463 I15
RH464 I15
RH465 I15
RH466 I15
RH467 I15
RH468 I15
RH469 I15
RH470 I15
RH471 I15
RH472 I15
RH473 I15
RH474 I15
RH475 I15
RH476 I15
RH477 I15
RH478 I15
RH479 I15
RH480 I15
RH481 I15
RH482 I15
RH483 I15
RH484 I15
RH485 I15
RH486 I15
RH487 I15
RH488 I15
RH489 I15
RH490 I15
RH491 I15
RH492 I15
RH493 I15
RH494 I15
RH495 I15
RH496 I15
RH497 I15
RH498 I15
RH499 I15
RH500 I15
RH501 I15
RH502 I15
RH503 I15
RH504 I15
RH505 I15
RH506 I15
RH507 I15
RH508 I15
RH509 I15
RH510 I15
RH511 I15
RH512 I15
RH513 I15
RH514 I15
RH515 I15
RH516 I15
RH517 I15
RH518 I15
RH519 I15
RH520 I15
RH521 I15
RH522 I15
RH523 I15
RH524 I15
RH525 I15
RH526 I15
RH527 I15
RH528 I15
RH529 I15
RH530 I15
RH531 I15
RH532 I15
RH533 I15
RH534 I15
RH535 I15
RH536 I15
RH537 I15
RH538 I15
RH539 I15
RH540 I15
RH541 I15
RH542 I15
RH543 I15
RH544 I15
RH545 I15
RH546 I15
RH547 I15
RH548 I15
RH549 I15
RH550 I15
RH551 I15
RH552 I15
RH553 I15
RH554 I15
RH555 I15
RH556 I15
RH557 I15
RH558 I15
RH559 I15
RH560 I15
RH561 I15
RH562 I15
RH563 I15
RH564 I15
RH565 I15
RH566 I15
RH567 I15
RH568 I15
RH569 I15
RH570 I15
RH571 I15
RH572 I15
RH573 I15
RH574 I15
RH575 I15
RH576 I15
RH577 I15
RH578 I15
RH579 I15
RH580 I15
RH581 I15
RH582 I15
RH583 I15
RH584 I15
RH585 I15
RH586 I15
RH587 I15
RH588 I15
RH589 I15
RH590 I15
RH591 I15
RH592 I15
RH593 I15
RH594 I15
RH595 I15
RH596 I15
RH5



Q501 K9
Q502 G9
W101 F12
W101 H9
W102 K12
W102 H9

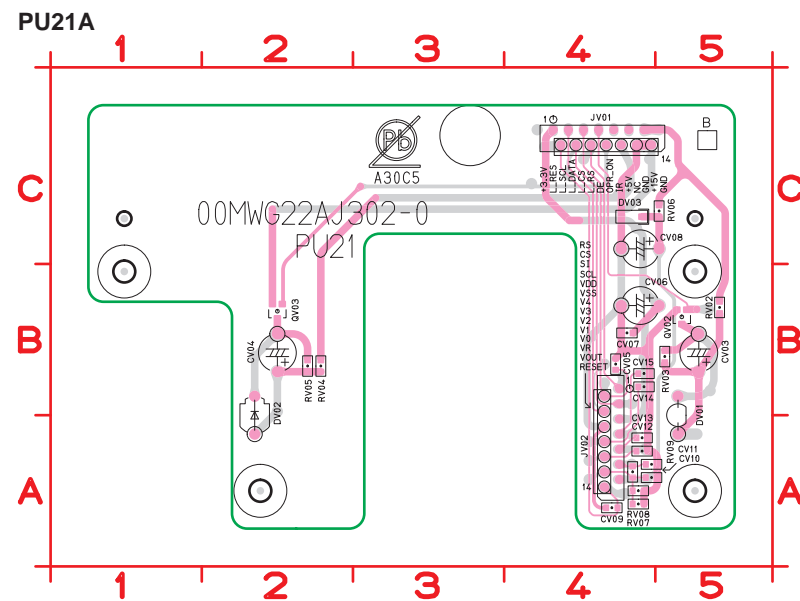
鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).



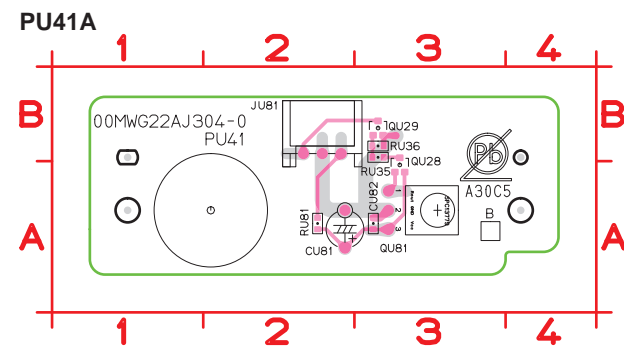
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

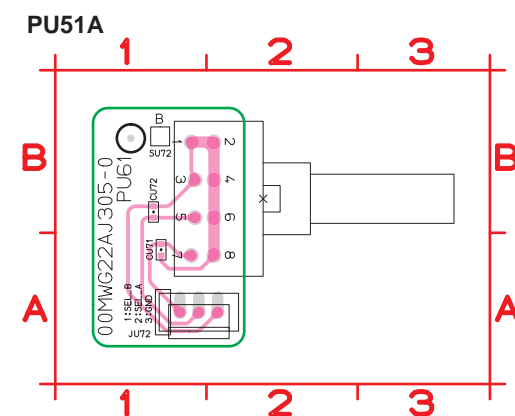
When soldering, use the Lead-free Solder (Sn-Ag-Cu).



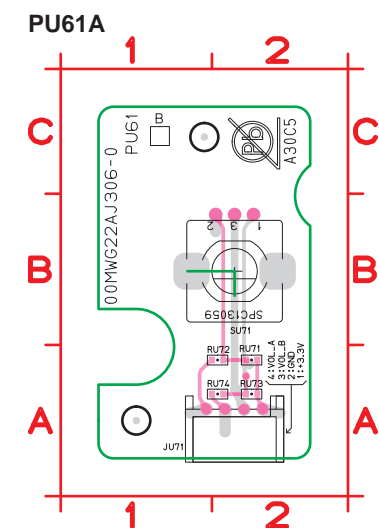
CV03 B5	CV15 B4	RV06 C5
CV04 B2	DV01 B5	RV07 A4
CV05 B4	DV02 B2	RV08 A4
CV06 B5	DV03 C4	RV09 A4
CV07 B4	JV01 C4	
CV08 C5	JV02 B4	
CV09 A4	QV02 B5	
CV10 A4	QV03 B2	
CV11 A4	RV02 B5	
CV12 A4	RV03 B5	
CV13 A4	RV04 B2	
CV14 B4	RV05 B2	



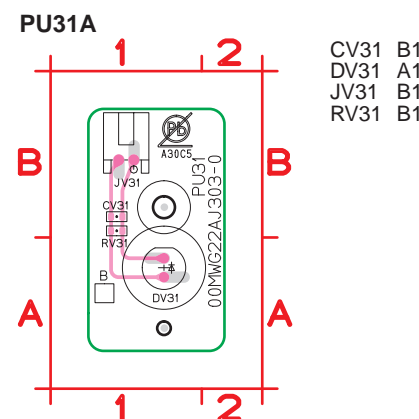
CU81 A2
CU82 A3
JU81 B2
QU28 A3
QU29 B3
QU81 A3
RU35 B3
RU36 B3
RU81 A2



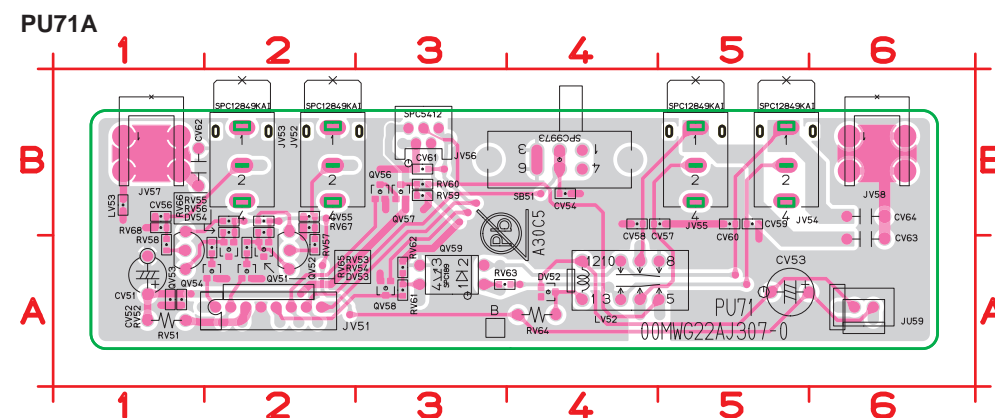
CU71 A1
CU72 B1
JU72 A1
SU72 B2



JU71 A2
RU71 A2
RU72 A2
RU73 A2
RU74 A2
SU71 B2



CV31 B1
DV31 A1
JV31 B1
RV31 B1



CV51 A1	CV62 B1	JV55 C5	QV57 B3	RV59 B3
CV52 A1	CV63 A6	JV56 B3	QV58 A3	RV60 B3
CV53 A6	CV64 B6	JV57 B1	QV59 A3	RV61 A3
CV54 B4	DV52 A4	JV58 B6	RV51 A1	RV62 A3
CV55 B2	DV53 A2	LV52 A4	RV52 A1	RV63 A3
CV56 B1	DV54 A2	LV53 B1	RV53 B2	RV64 A4
CV57 B5	JU59 A6	QV51 A2	RV54 B2	RV65 A2
CV58 B4	JV51 A2	QV52 A2	RV55 B2	RV66 A2
CV59 B5	JV52 C2	QV53 A1	RV56 B2	RV67 B2
CV60 B5	JV53 C2	QV54 A2	RV57 A2	RV68 B1
CV61 B3	JV54 C5	QV56 B3	RV58 A1	SB51 B4

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).

69

70[illegible]

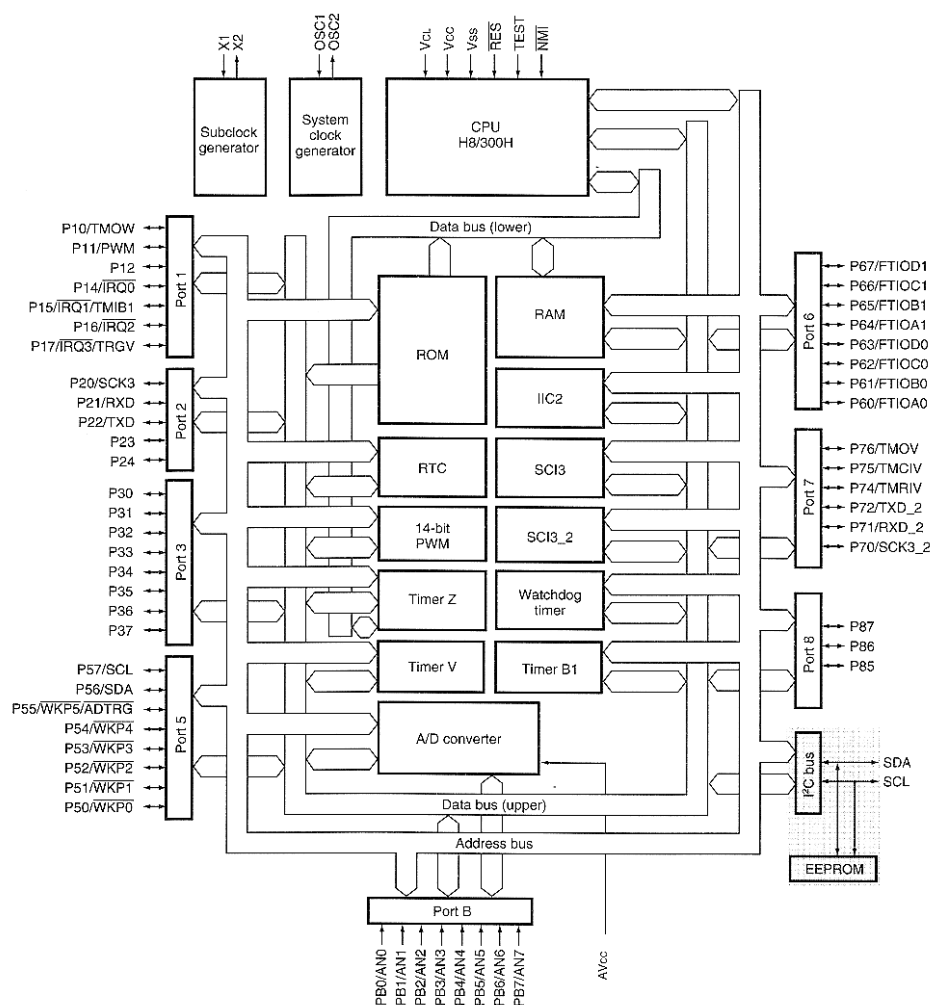
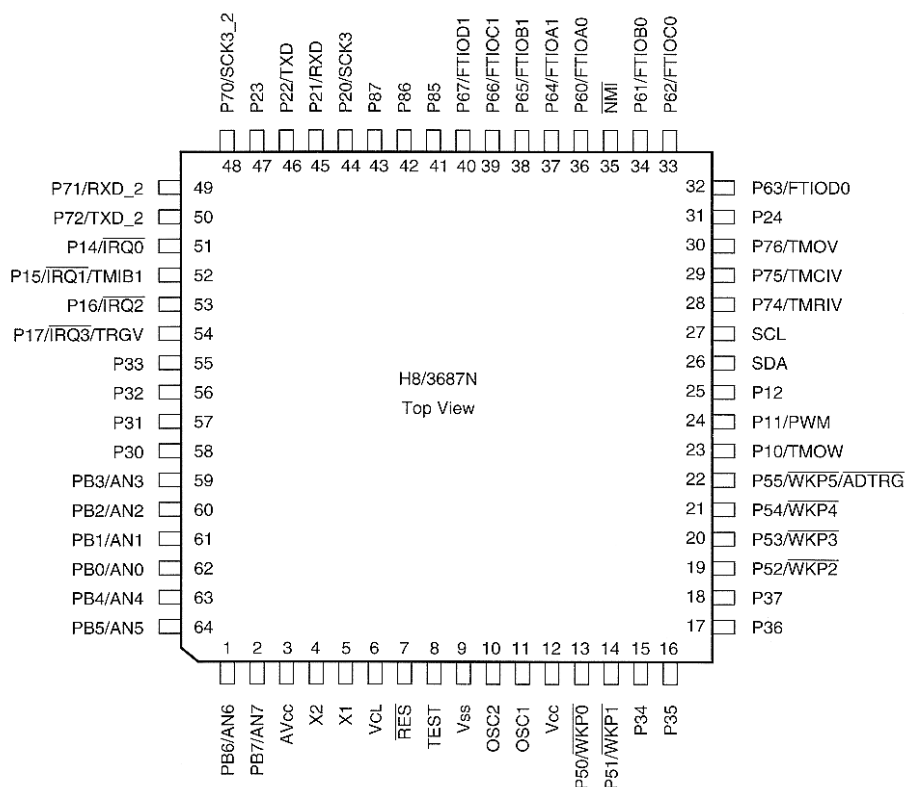
P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
	000B	F N	nsp	99M22AJ248410	PANEL ASSY	FRONT PANEL ASSY SC-11S1 GOLD
	000B	/K1G	nsp	99M22AJ248410	PANEL ASSY	FRONT PANEL ASSY SC-11S1 GOLD
	000B	/N1G	99M22AJ248410	99M22AJ248410	PANEL ASSY	FRONT PANEL ASSY SC-11S1 GOLD
	000B	/N1S	99M22AJ248420	99M22AJ248420	PANEL ASSY	FRONT PANEL ASSY SC-11S1 SILVER
	000B	/U1G	nsp	99M22AJ248410	PANEL ASSY	FRONT PANEL ASSY SC-11S1 GOLD
	006B		00M10AJ158010	00M10AJ158010	WINDOW	WINDOW
	010B		00M22AJ355010	00M22AJ355010	LENS	IR LENS
	012B		00M10AJ105050	00M10AJ105050	CHASSIS	FRONT MOLD CHASSIS
	023B	F N	nsp	00M10AJ265110	INDICATOR	INDICATOR GOLD
	023B	/K1G	nsp	00M10AJ265110	INDICATOR	INDICATOR GOLD
	023B	/N1G	00M10AJ265110	00M10AJ265110	INDICATOR	INDICATOR GOLD
	023B	/N1S	00M10AJ265210	00M10AJ265210	INDICATOR	INDICATOR SILVER
	023B	/U1G	nsp	00M10AJ265110	INDICATOR	INDICATOR GOLD
	024B		00M04AJ355010	00M04AJ355010	LENS	LENS-S.MARK/OPERATE
	031B	F N	nsp	00M04AJ270110	BUTTON	POWER BUTTON GOLD
	031B	/K1G	nsp	00M04AJ270110	BUTTON	POWER BUTTON GOLD
	031B	/N1G	00M04AJ270110	00M04AJ270110	BUTTON	POWER BUTTON GOLD
	031B	/N1S	00M04AJ270210	00M04AJ270210	BUTTON	POWER BUTTON SILVER
	031B	/U1G	nsp	00M04AJ270110	BUTTON	POWER BUTTON GOLD
	035B		00M18AK355010	00M18AK355010	LENS	SIDE LENS
	037B	F N	nsp	00M22AJ063110	ESCUTCHEON	SIDE ESCUTCHEON L GOLD
	037B	/K1G	nsp	00M22AJ063110	ESCUTCHEON	SIDE ESCUTCHEON L GOLD
	037B	/N1G	00M22AJ063110	00M22AJ063110	ESCUTCHEON	SIDE ESCUTCHEON L GOLD
	037B	/N1S	00M22AJ063210	00M22AJ063210	ESCUTCHEON	SIDE ESCUTCHEON L SILVER
	037B	/U1G	nsp	00M22AJ063110	ESCUTCHEON	SIDE ESCUTCHEON L GOLD
	039B	F N	nsp	00M22AJ063120	ESCUTCHEON	SIDE ESCUTCHEON R GOLD
	039B	/K1G	nsp	00M22AJ063120	ESCUTCHEON	SIDE ESCUTCHEON R GOLD
	039B	/N1G	00M22AJ063120	00M22AJ063120	ESCUTCHEON	SIDE ESCUTCHEON R GOLD
	039B	/N1S	00M22AJ063220	00M22AJ063220	ESCUTCHEON	SIDE ESCUTCHEON R SILVER
	039B	/U1G	nsp	00M22AJ063120	ESCUTCHEON	SIDE ESCUTCHEON R GOLD
	041B	F N	nsp	00M04AJ259210	BUSHING	FUNCTION BUTTON BUSH GOLD
	041B	/K1G	nsp	00M04AJ259210	BUSHING	FUNCTION BUTTON BUSH GOLD
	041B	/N1G	00M04AJ259210	00M04AJ259210	BUSHING	FUNCTION BUTTON BUSH GOLD
	041B	/N1S	00M04AJ259110	00M04AJ259110	BUSHING	FUNCTION BUTTON BUSH SILVER
	041B	/U1G	nsp	00M04AJ259210	BUSHING	FUNCTION BUTTON BUSH GOLD
	042B	F N	nsp	00M04AJ270120	BUTTON	FUNCTION BUTTON LIGHTING(GL)
	042B	/K1G	nsp	00M04AJ270120	BUTTON	FUNCTION BUTTON LIGHTING(GL)
	042B	/N1G	00M04AJ270120	00M04AJ270120	BUTTON	FUNCTION BUTTON LIGHTING(GL)
	042B	/N1S	00M04AJ270220	00M04AJ270220	BUTTON	FUNCTION BUTTON LIGHTING(SL)
	042B	/U1G	nsp	00M04AJ270120	BUTTON	FUNCTION BUTTON LIGHTING(GL)
	043B	F N	nsp	00M04AJ270130	BUTTON	FUNCTION BUTTON GOLD
	043B	/K1G	nsp	00M04AJ270130	BUTTON	FUNCTION BUTTON GOLD
	043B	/N1G	00M04AJ270130	00M04AJ270130	BUTTON	FUNCTION BUTTON GOLD
	043B	/N1S	00M04AJ270230	00M04AJ270230	BUTTON	FUNCTION BUTTON SILVER
	043B	/U1G	nsp	00M04AJ270130	BUTTON	FUNCTION BUTTON GOLD
	046B		00M04AJ112110	00M04AJ112110	SHAFT	VOLUME SHAFT
	049B		00M04AJ259060	00M04AJ259060	BUSHING	VOLUME JOINT BUSH
	053B	F N	nsp	00M04AJ353110	RING	MASTER KNOB RING GOLD
	053B	/K1G	nsp	00M04AJ353110	RING	MASTER KNOB RING GOLD
	053B	/N1G	00M04AJ353110	00M04AJ353110	RING	MASTER KNOB RING GOLD
	053B	/N1S	00M04AJ353210	00M04AJ353210	RING	MASTER KNOB RING SILVER
	053B	/U1G	nsp	00M04AJ353110	RING	MASTER KNOB RING GOLD
	054B	F N	nsp	00M10AJ154110	KNOB	MASTER KNOB GOLD
	054B	/K1G	nsp	00M10AJ154110	KNOB	MASTER KNOB GOLD
	054B	/N1G	00M10AJ154110	00M10AJ154110	KNOB	MASTER KNOB GOLD
	054B	/N1S	00M10AJ154210	00M10AJ154210	KNOB	MASTER KNOB SILVER
	054B	/U1G	nsp	00M10AJ154110	KNOB	MASTER KNOB GOLD
	001D	F N	nsp	00M18AK249110	SIDE PANEL	SIDE PANEL GOLD
	001D	/K1G	nsp	00M18AK249110	SIDE PANEL	SIDE PANEL GOLD
	001D	/N1G	00M18AK249110	00M18AK249110	SIDE PANEL	SIDE PANEL GOLD
	001D	/N1S	00M18AK249210	00M18AK249210	SIDE PANEL	SIDE PANEL SILVER
	001D	/U1G	nsp	00M18AK249110	SIDE PANEL	SIDE PANEL GOLD
	005D	F N	nsp	00M21AJ257110	LID	TOP LID GOLD
	005D	/K1G	nsp	00M21AJ257110	LID	TOP LID GOLD
	005D	/N1G	00M21AJ257110	00M21AJ257110	LID	TOP LID GOLD
	005D	/N1S	00M21AJ257210	00M21AJ257210	LID	TOP LID SILVER
	005D	/U1G	nsp	00M21AJ257110	LID	TOP LID GOLD

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
	012D	F N	nsp	00M21AJ003110	PERFORATED	TOP COVER NET GOLD
	012D	/K1G	nsp	00M21AJ003110	PERFORATED	TOP COVER NET GOLD
	012D	/N1G	00M21AJ003110	00M21AJ003110	PERFORATED	TOP COVER NET GOLD
	012D	/N1S	00M21AJ003210	00M21AJ003210	PERFORATED	TOP COVER NET SILVER
	012D	/U1G	nsp	00M21AJ003110	PERFORATED	TOP COVER NET GOLD
	004G	F N	nsp	00M04AJ057510	LUG EYELET	LEGS GOLD
	004G	/K1G	nsp	00M04AJ057510	LUG EYELET	LEGS GOLD
	004G	/N1G	00M04AJ057510	00M04AJ057510	LUG EYELET	LEGS GOLD
	004G	/N1S	00M04AJ057520	00M04AJ057520	LUG EYELET	LEGS SILVER
	004G	/U1G	nsp	00M04AJ057510	LUG EYELET	LEGS GOLD
	⚠ J001		00MYJ04002640	00MYJ04002640	JACK	# R-301(21) AC INLET MAXES CABLE CO.LTD
	⚠ L001	F N	nsp	00MTS40701080	TRANSF.	# POWER TRANS FOR SC-11S1 100V
	⚠ L001	/K1G	nsp	00MTS40701100	TRANSF.	# POWER TRANS FOR SC-11S1 230V
	⚠ L001	/N1G	00MTS40701100	00MTS40701100	TRANSF.	# POWER TRANS FOR SC-11S1 230V
	⚠ L001	/N1S	00MTS40701100	00MTS40701100	TRANSF.	# POWER TRANS FOR SC-11S1 230V
	⚠ L001	/U1G	nsp	00MTS40701090	TRANSF.	# POWER TRANS FOR SC-11S1 120V
	⚠ L002		00MFN21010070	00MFN21010070	EMI FILTER	! CHOKE INDUCTOR FOR SC-11S1
	L003		00MFC50160030	00MFC50160030	FERRITE CORE	FERRITE CORE FOR W018 W020
	L004		00MFC50160030	00MFC50160030	FERRITE CORE	FERRITE CORE FOR W019
	L005		00MFC50160030	00MFC50160030	FERRITE CORE	FERRITE CORE FOR W021
	L006		00MFC50160030	00MFC50160030	FERRITE CORE	FERRITECORE FOR W007
	P101		nsp	nsp	PWB ASSY	MAIN PWB ASSY
	P301		nsp	nsp	PWB ASSY	PHONO PWB ASSY
	P601		nsp	nsp	PWB ASSY	UNBALANCE PWB ASSY
	P851		nsp	nsp	PWB ASSY	MAIN CAP. PWB ASSY
	P871		nsp	nsp	PWB ASSY	POWER SUPPLY PWB ASSY
	P881		nsp	nsp	PWB ASSY	FUSE PWB ASSY
	P891		nsp	nsp	PWB ASSY	POWER SW ASSY
	P951		nsp	nsp	PWB ASSY	PHONE PWB ASSY
	PH81		nsp	nsp	PWB ASSY	BIAS PWB ASSY
	PU01		nsp	nsp	PWB ASSY	FRONT PWB ASSY
	PU21		nsp	nsp	PWB ASSY	DISPLAY PWB ASSY
	PU31		nsp	nsp	PWB ASSY	BACK LIGHT PWB ASSY
	PU41		nsp	nsp	PWB ASSY	I/R SENSOR PWB ASSY
	PU51		nsp	nsp	PWB ASSY	INPUT SELECTOR PWB ASSY
	PU61		nsp	nsp	PWB ASSY	VOLUME PWB ASSY
	PU71		nsp	nsp	PWB ASSY	FCBS PWB ASSY
	VD01		00MHQ22901990	00MHQ22901990	DISPLAY	LCD MODULE FOR PM-11S1
	W023		nsp	00MYU14100520	FPC	FFC 14P JU07 TO JV01
PACKING						
	001T	F N	nsp	00M22AJ851110	USER GUIDE	USER GUIDE SC-11S1 F
	001T	/K1G	nsp	00M22AJ851350	USER GUIDE	USER GUIDE SC-11S1 K
	001T	/N1G	00M22AJ851310	00M22AJ851310	USER GUIDE	USER GUIDE SC-11S1 N
	001T	/N1S	00M22AJ851310	00M22AJ851310	USER GUIDE	USER GUIDE SC-11S1 N
	001T	/U1G	nsp	00M22AJ851310	USER GUIDE	USER GUIDE SC-11S1 N
	⚠ W001	F N	nsp	00D2062141002	MAINS CORD	# MAINS CORD FOR JAPAN
	⚠ W001	/K1G	nsp	00MZC01808030	MAINS CORD	# MAINS CORD 250V 10A FOR CHINA
	⚠ W001	/N1G	00MZC01803080	00MZC01803080	MAINS CORD	# MAINS CORD 10A 250V CLASS2 FOR EUROPE
	⚠ W001	/N1S	00MZC01803080	00MZC01803080	MAINS CORD	# MAINS CORD 10A 250V CLASS2 FOR EUROPE
	⚠ W001	/U1G	nsp	00MZC01802100	MAINS CORD	# MAINS CORD 125V13A UL/CSA FOR USA
	Z001		00MZK340J0020	00MZK340J0020	UNIT KIT	REMOTE CONTROLLER RC001PM
NOT STANDARD SPARE PART						
	001S		nsp	00M22AJ801010	PACKING CASE	PACKING CASE
	002S	/N1G	nsp	00M22AJ805010	MASS CARTON	MASTER CARTON
	002S	/N1S	nsp	00M22AJ805010	MASS CARTON	MASTER CARTON
	003S		nsp	00M31AK809010	CUSHION	CUSHION L
	004S		nsp	00M31AK809020	CUSHION	CUSHION R

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

PU01 / QU01 : HD64F3687H

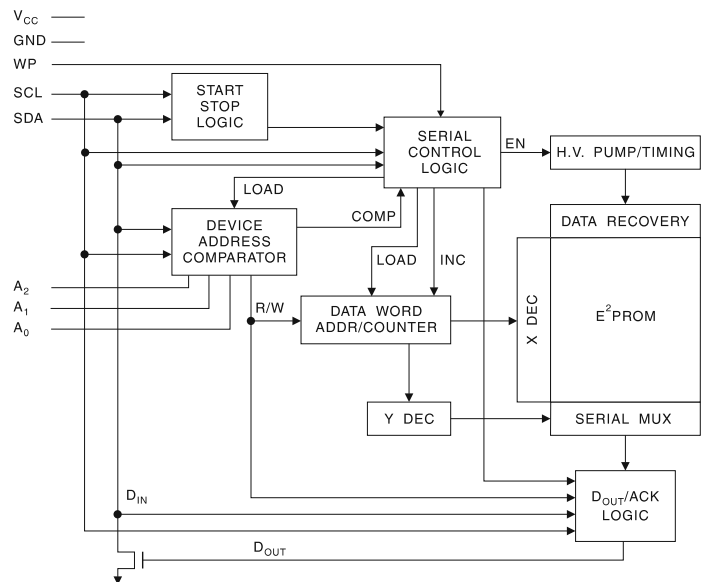
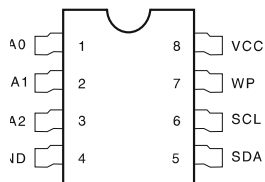


PU01 / QU01 : HD64F3687H

Pin	PORT	SIGNAL NAME	I/O	Function	Description
1	PB6_AN6	AD2	I	Analog KEY information	
2	PB7_AN7	AD1	I	Model select	
3	AVcc	AVCC	I	Analog power supply	
4	X2	X2	O	Sub clock output	
5	X1	X1	I	Sub clock input	32.758kHz
6	VCL	VC1	I	Internal step-down power supply	
7	/RES	RES	I	Reset pin	
8	TEST	TEST	I	Test Pin	Connect to GND
9	Vss	GND	I	GND	
10	OSC2	OSC2	O	Main clock output	
11	OSC1	OSC1	I	Main clock input	8MHz
12	Vcc	VCC	I	+3.3V Power supply	
13	P50_WKPP0	VOLA	I	Rotary_encoder VOLUME A	External trigger(Active H)
14	P51_WKPP1	VOLB	I	Rotary_encoder VOLUME B	External trigger(Active H)
15	P34	T_CE_R	O	Rch TONE AMP Control Analog SW(NJU7312) CS	Negative logic circuits (Logic reversal in the exterior)
16	P35	T_CE_L	O	Lch TONE AMP Control Analog SW(NJU7312) CS	Negative logic circuits (Logic reversal in the exterior)
17	P36	T_DI	O	TONE AMP Control Analog SW(NJU7312) Data	Negative logic circuits (Logic reversal in the exterior)
18	P37	T_CL	O	TONE AMP Control Analog SW(NJU7312) Clock	Negative logic circuits (Logic reversal in the exterior)
19	P52_WKPP2	SEL_A	I	Rotary_encoder INPUT SELECT A	External trigger (Active H)
20	P53_WKPP3	SEL_B	I	Rotary_encoder INPUT SELECT B	External trigger (Active H)
21	P54_WKPP4	PO_MUTE	O	PRE_OUT MUTE	Active H(MUTE ON)
22	P55_WKPP5_/ADTRG	AD_INT	I	Analog KEY information, Change detection	External trigger (Active H)
23	P10_TMOW	MUTE_VOL	O	Electronic volume (WM8816) MUTE Control	Active H (MUTE ON)
24	P11_PWM	DCT2	O	DC trigger out 2	H/L=POW_ON/POW_OFF
25	P12	DCT1	O	DC trigger out 1	H/L=POW_ON/POW_OFF
26	P56_SDA	SDA	I/O	EEPROM (AT24C04) Serial-Data	I2C_DATA
27	P57_SCL	SCL	O	EEPROM (AT24C04) Serial-Clock	I2C_CLOCK
28	P74_TMRIV	VOL_CSL	O	Lch Electronic volume (WM8816) CS	Active H
29	P75_TMCIV	VOL_CSR	O	Rch Electronic volume (WM8816) CS	Active H
30	P76_TMOV	HP_MUTE	I	HEADPHONE OUT MUTE	Active H(MUTE ON)
31	P24	NC1	I		
32	P63_FTIOD0	DB7	I/O	LCD-Controller(NJU6469) Data-Bus	
33	P62_FTIOC0	DB6	I/O	LCD-Controller(NJU6469) Data-Bus	
34	P61_FTIOB0	DB5	I/O	LCD-Controller(NJU6469) Data-Bus	
35	/NMI	ICE4	I	ICE connect pin	ICE brake control
36	P60_FTIOA0	NC2	I		
37	P64_FTIOA1	RC_IN	I	IR capture input	Capture input (Active L)
38	P65_FTIOB1	VOL_CLK	O	Electronic volume (WM8816) Clock	
39	P66_FTIOC1	VOL_DAT	I/O	Electronic volume (WM8816) Data	
40	P67_FTIOD1	NC3	I		
41	P85	ICE1	-	ICE connect pin	
42	P86	ICE2	-	ICE connect pin	
43	P87	ICE3	-	ICE connect pin	
44	P20_SCK3	S_OE	O	LED+INPUT SELECTOR control, Serial-Interface OE	Active H
45	P21_RXD	RXD	I	SYSTEM Control bus input	
46	P22_TXD	TXD	O	SYSTEM Control bus output	
47	P23	BI	I	STEREO/Bi-AMP Change	H/L = STEREO/Bi-AMP
48	P70_SCK3-2	S_CLK	O	LED+INPUT SELECTOR Control Serial-Interface Clock	
49	P71_RXD-2	S_CE	O	LED+INPUT SELECTOR Control Serial-Interface CS	Active L
50	P72_TXD-2	S_DATA	O	LED+INPUT SELECTOR Control Serial-Interface Data	
51	P14_/IRQ0	NC4	I		
52	P15_/IRQ1_TMIB1	P_DOWN	I	Power down detect	External trigger(Active L)
53	P16_/IRQ2	PROT_2	I	Power supply error detect (processes of detection:Volume=-∞,MUTE)	Active L (Abnormal detection)
54	P17_/IRQ3_TRGV	PROT_1	I	Over-current detection (processes of detection:Volume=-∞, MUTE)	Active H (Over-current detection)
55	P33	E	O	LCD-Controller(NJU6469) Enabling control	Active H
56	P32	R/W	O	LCD-Controller(NJU6469) Read/Write Control	H/L = Read/Write

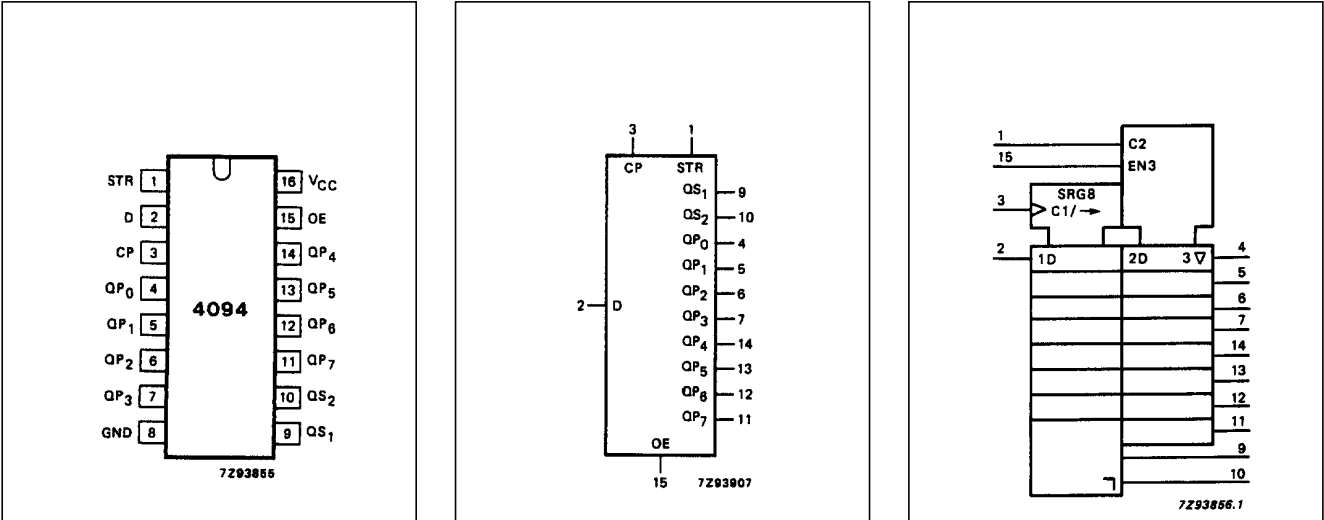
PU01 / QU01 : HD64F3687H

Pin	PORT	SIGNAL NAME	I/O	Function	Description
57	P31	RS	O	LCD-Controller(SPLC093C) REGISTER SELECT	H/L = Data/Status
58	P30	RES	O	LCD-Controller(SPLC093C) RESET	Active L(Reset)
59	PB3_AN3	BORD_TST2	I	PWB mode setting 2	
60	PB2_AN2	BORD_TST1	I	PWB mode setting 1	
61	PB1_AN1	D-SET	I	LCD driver communication Mohd setting input	H/L = Communicates by 100msec/communication of the operation
62	PB0_AN0	AD3	I	Analog KEY information	
63	PB4_AN4	NC5	I		
64	PB5_AN5	NC6	I		

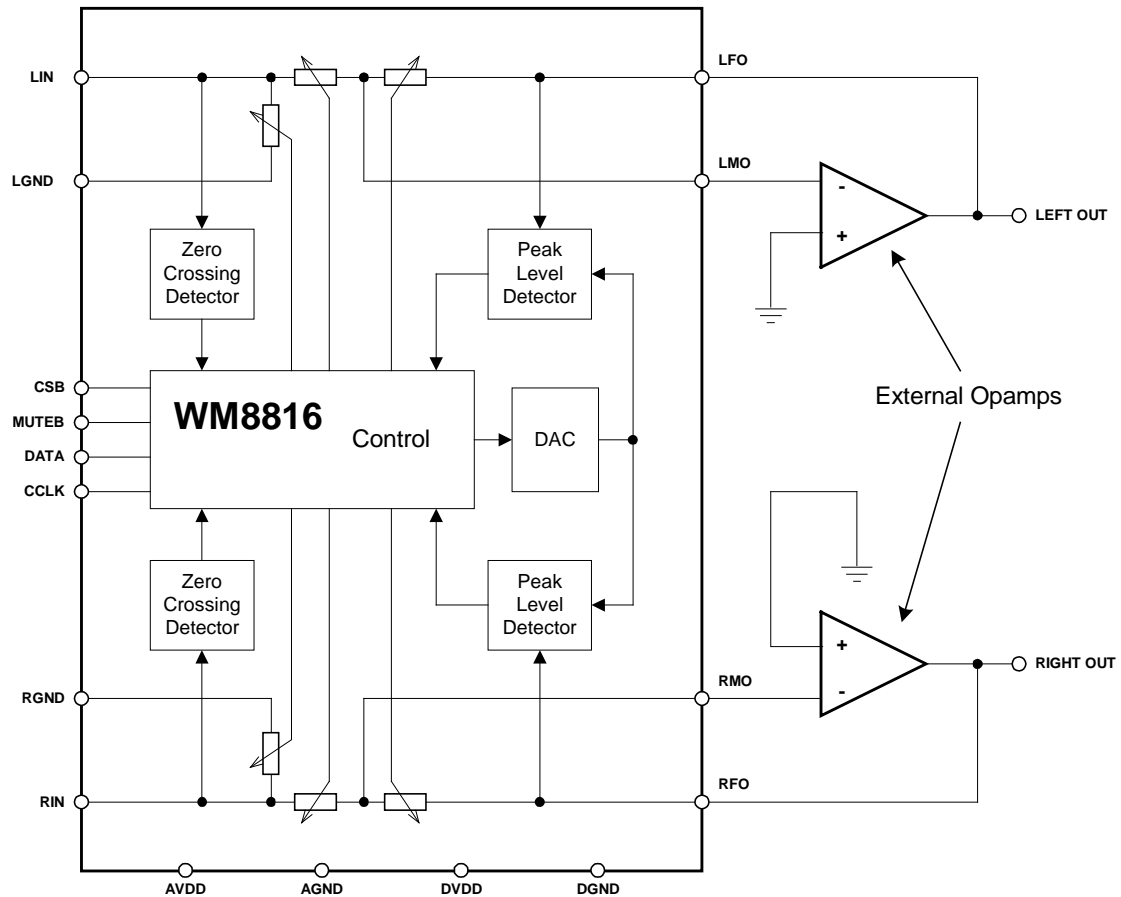
PU01 / QU03 : AT24C08A


PU01 / QU33 : 74HC4094
 P101 / Q121, Q122 : 74HC4094

PIN NO.	SYMBOL	NAME AND FUNCTION
1	STR	strobe input
2	D	serial input
3	CP	clock input
4, 5, 6, 7, 14, 13, 12, 11	QP ₀ to QP ₇	parallel outputs
8	GND	ground (0 V)
9, 10	QS ₁ , QS ₂	serial outputs
15	OE	output enable input
16	V _{CC}	positive supply voltage



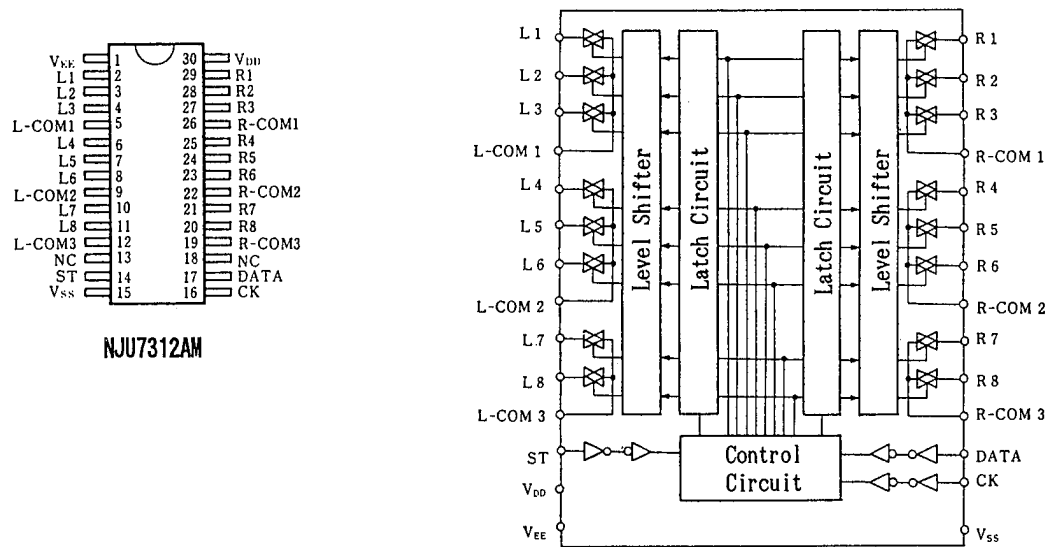
bit	Name	Function	Description	Pin No.
0	MC_ON	MM/MC LED	H/L = MC / MM	QU33-4
1	TONE_ON	TONE CONTROL - LED	H/L = TONE_ON / TONE_OFF	QU33-5
2	PRE_ON	PRE OUT ON LED	H/L = LED_ON / LED_OFF	QU33-6
3	NC			QU33-7
4	NC			QU33-14
5	DISP_ON	SIDE LED	H/L = LED_ON / LED_OFF	QU33-13
6	HP_ON	HEAD PHONE_ON LED	H/L = LED_ON / LED_OFF	QU33-12
7	NC			QU33-11
8	LINE2_ON	INPUT SELECT RELAY ON	H = ACTIVE	Q121-4
9	LENE1_ON	INPUT SELECT RELAY ON	H = ACTIVE	Q121-5
10	CD_ON	INPUT SELECT RELAY ON	H = ACTIVE	Q121-6
11	PHONO_ON	INPUT SELECT RELAY ON	H = ACTIVE	Q121-7
12	REC_OUT1_ON	REC OUT 1 RELAY	H/L = REC OUT1 OFF / REC OUT1 ON	Q121-14
13	REC_OUT2_ON	REC OUT 2 RELAY	H/L = REC OUT2 OFF / REC OUT2 ON	Q121-13
14	REC2_ON	INPUT SELECT RELAY ON	H = ACTIVE	Q121-12
15	REC1_ON	INPUT SELECT RELAY ON	H = ACTIVE	Q121-11
16	MM_MC_ON	MM/MC RELAY	H/L = MM / MC	Q122-4
17	NC			Q122-5
18	TONE_ON	TONE RELAY ON	H/L = TONE_ON / TONE_OFF	Q122-6
19	HP	HEAD PHONE OUT RELAY	H/L = HP ON / HP OFF	Q122-7
20	FIL_ON	SUBSONIC FILTER RELAY	H/L = FINTET OFF / FILTER ON	Q122-14
21	BAL1_ON	BALANCE1 RELAY ON	H/L = BALANCE1 / BALANCE2	Q122-13
22	BAL_ON	INPUT SELECT RELAY ON	H = ACTIVE	Q122-12
23	BI_ON	BI_AMP/STEREO RELAY	H/L = BI_AMP / STEREO	Q122-11



AVDD	1	16	AGND
LMO	2	15	RMO
LFO	3	14	RFO
LIN	4	13	RIN
LGND	5	12	RGND
CSB	6	11	DGND
DVDD	7	10	CCLK
MUTEb	8	9	DATA

PIN	NAME	TYPE	DESCRIPTION
1	AVDD	Supply	Supply Voltage for Analogue Circuitry
2	LMO	Analogue Output	External Op-amp Inverting Input (Left Channel)
3	LFO	Analogue Input	External Op-amp Feedback Signal (Left Channel)
4	LIN	Analogue Input	Input Signal (Left Channel)
5	LGND	Analogue Input	Input Signal Ground (Left Channel)
6	CSB	Digital Input	Chip Select (active low)
7	DVDD	Supply	Supply Voltage for Digital Circuitry
8	MUTEb	Digital Input	Mute (active low)
9	DATA	Digital In / Out	Serial Interface Data Input / Output (tri-state)
10	CCLK	Digital Input	Serial Interface Clock
11	DGND	Supply	Digital Ground
12	RGND	Analogue Input	Input Signal Ground (Right Channel)
13	RIN	Analogue Input	Input Signal (Right Channel)
14	RFO	Analogue Input	External Op-amp Feedback Signal (Right Channel)
15	RMO	Analogue Output	External Op-amp Inverting Input (Right Channel)
16	AGND	Supply	Analogue Ground

■ BLOCK DIAGRAM



■ TERMINALS DESCRIPTION

No.		SYMBOL	FUNCTIONS	No.		SYMBOL	FUNCTIONS
DIP	DMP			DIP	DMP		
1	1	V _{EE}	Negative Voltage Supply	15	16	CK	Clock input
2	2	L1	Analog switch input/output	16	17	DATA	Data input
3	3	L2		17	19	R-COM3	R7, L8 Common
4	4	L3		18	20	R8	Analog switch input/output
5	5	L-COM1	L1, L2, L3 Common	19	21	R7	
6	6	L4	Analog switch input/output	20	22	R-COM2	R4, R5, R6 Common
7	7	L5		21	23	R6	Analog switch input/output
8	8	L6		22	24	R5	
9	9	L-COM2	L4, L5, L6 Common	23	25	R4	
10	10	L7	Analog switch input/output	24	26	R-COM1	R1, R2, R3 Common
11	11	L8		25	27	R3	Analog switch input/output
12	12	L-COM3	L7, L8 Common	26	28	R2	
13	14	ST	Chip enable	27	29	R1	
14	15	V _{SS}	GND	28	30	V _{DD}	Positive voltage supply

	R7	R8	R1	R2	R3	R4	R5	R6	TREBLE
	L7	L8	L1	L2	L3	L4	L5	L6	BASS
+8dB	○	×	○	○	○	×	×	×	
+6dB	×	×	○	○	○	×	×	×	
+4dB	×	×	×	○	○	×	×	×	
+2dB	×	×	×	×	○	×	×	×	
0dB	×	×	×	×	×	×	×	×	
-2dB	×	×	×	×	×	○	×	×	
-4dB	×	×	×	×	×	○	○	×	
-6dB	×	×	×	×	×	○	○	○	
-8dB	×	○	×	×	×	○	○	○	

○ = SW_ON
× = SW_OFF

P.W.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
					MAIN PWB P101 (00MWG22AJ101-)	
P101	C127		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P101	C128		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C129		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C405	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C405	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C405	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C406	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C406	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C406	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C407	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C407	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C407	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C408	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C408	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C408	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C409	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C409	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C409	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C410	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C410	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C410	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C411	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C411	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C411	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C412	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C412	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C412	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P101	C413		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C414		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C415		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C416		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C417		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C418		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C419		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C420		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P101	C421		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C422		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C423		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C424		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C425		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C426		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C427		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C428		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C429		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C430		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C431		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C432		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C433		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C434		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C435		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C436		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C437		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C438		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C439		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C440		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C441		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C442		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C443		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C444		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C445		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C446		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C447		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C448		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	C449		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C450		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C451		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C452		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)

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
P101	C453		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C454		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C455		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C456		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C501		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C502		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	C503		nsp	00MOA227016Z0	ELECT. CAP.	ROS-16V 221M - H5 #PE - T2 (220UF 16V)
P101	C504		nsp	00MOA227016Z0	ELECT. CAP.	ROS-16V 221M - H5 #PE - T2 (220UF 16V)
P101	C505		nsp	00MOA476025R0	ELECT. CAP.	ROA-25V 470M -G3 # - T2
P101	C506		nsp	00MOA476025R0	ELECT. CAP.	ROA-25V 470M -G3 # - T2
P101	C507		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C508		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C509		nsp	00MOA226025Z0	ELECT. CAP.	ROA-25V 220M - F3 #PE - T2 (22UF 25V)
P101	C510		nsp	00MOA226025Z0	ELECT. CAP.	ROA-25V 220M - F3 #PE - T2 (22UF 25V)
P101	C513		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C514		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C515		00MOF56681540	00MOF56681540	FILM CAP.	STAR(126)100VDC681J7-10
P101	C516		00MOF56681540	00MOF56681540	FILM CAP.	STAR(126)100VDC681J7-10
P101	C517		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C518		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	C519		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C520		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C521		nsp	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
P101	C522		nsp	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
P101	C523		nsp	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
P101	C524		nsp	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
P101	C525		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C526		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C527		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C528		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C529		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C530		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C531		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C532		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C596		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	C801		nsp	00MOA225100Z0	ELECT. CAP.	ROS-100V2R2 F3 #PE-T2
P101	C802		nsp	00MOA225100Z0	ELECT. CAP.	ROS-100V2R2 F3 #PE-T2
P101	C803		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C804		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C805		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C806		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C807		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C808		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C809		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C810		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P101	C811		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P101	C812		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P101	C814		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P101	CF01		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	CF02		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	CF03		nsp	00MOA225100Z0	ELECT. CAP.	ROS-100V2R2 F3 #PE-T2
P101	CF04		nsp	00MOA225100Z0	ELECT. CAP.	ROS-100V2R2 F3 #PE-T2
P101	CF05		nsp	00MOA225100Z0	ELECT. CAP.	ROS-100V2R2 F3 #PE-T2
P101	CF06		nsp	00MOA225100Z0	ELECT. CAP.	ROS-100V2R2 F3 #PE-T2
P101	CF07		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	CF08		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	CF09		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	CF10		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	CH01		nsp	00MOA226025Z0	ELECT. CAP.	ROA-25V 220M - F3 #PE - T2 (22UF 25V)
P101	CH02		nsp	00MOA226025Z0	ELECT. CAP.	ROA-25V 220M - F3 #PE - T2 (22UF 25V)
P101	CH03		nsp	00MOA226025Z0	ELECT. CAP.	ROA-25V 220M - F3 #PE - T2 (22UF 25V)
P101	CH04		nsp	00MOA226025Z0	ELECT. CAP.	ROA-25V 220M - F3 #PE - T2 (22UF 25V)
P101	CH05		nsp	00MOA476025R0	ELECT. CAP.	ROA-25V 470M -G3 # - T2
P101	CH06		nsp	00MOA476025R0	ELECT. CAP.	ROA-25V 470M -G3 # - T2
P101	CH11		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	CH12		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P101	CH13		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	CH14		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)

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
P101	CH15		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	CH16		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P101	CH17		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	CH18		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P101	CH21		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
P101	CH23		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P101	CH24		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P101	CH25		00MOF55220590	00MOF55220590	FILM CAP.	22PF 200V +-5% FAS
P101	CH26		00MOF55220590	00MOF55220590	FILM CAP.	22PF 200V +-5% FAS
P101	D121		00MHD30391000	00MHD30391000	ZENER DIODE	3.9V ZENER EQUIVALENT
P101	D122		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D171		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D172		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D173		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D401		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D403		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D404		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D405		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D406		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D407		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D501		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D502		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D503		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D504		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D505		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D506		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D507		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D508		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P101	D509		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D510		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D511		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D512		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D513		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D514		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D515		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D516		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D517		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D518		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D519		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D520		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D521		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D522		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D523		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D524		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D801		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D802		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D803		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D804		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D805		00MHD32401000	00MHD32401000	ZENER DIODE	24V ZENER EQUIVALENT
P101	D806		00MHD32401000	00MHD32401000	ZENER DIODE	24V ZENER EQUIVALENT
P101	D807		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D808		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	D809		00MHD30681000	00MHD30681000	ZENER DIODE	6.8V ZENER EQUIVALENT
P101	DF01		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	DH01		00MHD31801000	00MHD31801000	ZENER DIODE	18V ZENER EQUIVALENT
P101	DH02		00MHD31801000	00MHD31801000	ZENER DIODE	18V ZENER EQUIVALENT
P101	DH03		00MHD31801000	00MHD31801000	ZENER DIODE	18V ZENER EQUIVALENT
P101	DH04		00MHD31801000	00MHD31801000	ZENER DIODE	18V ZENER EQUIVALENT
P101	DH05		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P101	J175		00MYJ01004070	00MYJ01004070	JACK	NC3MAH 3P CANON TYPE
P101	J176		00MYJ01004070	00MYJ01004070	JACK	NC3MAH 3P CANON TYPE
P101	J401		00MYJ01004340	00MYJ01004340	JACK	NC3FAH2 4P CANON TYPE
P101	J402		00MYJ01004340	00MYJ01004340	JACK	NC3FAH2 4P CANON TYPE
P101	J403		00MYJ01004340	00MYJ01004340	JACK	NC3FAH2 4P CANON TYPE
P101	J404		00MYJ01004340	00MYJ01004340	JACK	NC3FAH2 4P CANON TYPE
P101	KH01		00MHK185919C0	00MHK185919C0	TRS. KIT	2SA1859/C4883 O OR Y PAIR FOR QH23/QH25
P101	KH02		00MHK185919C0	00MHK185919C0	TRS. KIT	2SA1859/C4883 O OR Y PAIR FOR QH24/QH26
P101	L122		00MFC90050130	00MFC90050130	FERRITE CORE	BL02RN2-R62T2 FERRITE BEAD

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
P101	L123		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L171		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L172		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L173		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L174		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L175		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L176		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L177		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L178		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L401		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L402		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	L403		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	LF01		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	LF02		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	LH01		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P101	Q121		00MHC709449B0	00MHC709449B0	IC	74HC4094 16PIN DIP PHILIPS
P101	Q122		00MHC709449B0	00MHC709449B0	IC	74HC4094 16PIN DIP PHILIPS
P101	Q123		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q124		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	Q125		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	Q171		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	Q172		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	Q173		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	Q174		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	Q175		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	Q176		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	Q401		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q402		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q403		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q404		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q405		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q406		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q407		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q408		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q409		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	Q410		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	Q411		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q412		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q413		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q414		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q415		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q416		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q417		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q418		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q419		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q420		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q421		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q422		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q423		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q424		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q425		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q426		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q427		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	Q428		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	Q501		00MHC10211990	00MHC10211990	IC	WM8816EDW
P101	Q502		00MHC10211990	00MHC10211990	IC	WM8816EDW
P101	Q503		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q504		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q505		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q506		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q507		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q508		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q509		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q510		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q511		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q512		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q513		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q514		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL

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
P101	Q515		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q516		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q517		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q518		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q519		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q520		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q521		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q522		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q523		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q524		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q525		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q526		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q527		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q528		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q529		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q530		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q531		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q532		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	Q533		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q534		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q535		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q536		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q537		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q538		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q539		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q540		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q541		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q542		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q543		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q544		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q545		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q546		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	Q547		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q548		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	Q549		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q550		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q551		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q552		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q553		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q554		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	Q555		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q556		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	Q801		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P101	Q802		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	⚠ Q803		00MHT41415100	00MHT41415100	TRS.	! TRANSISTOR 2SD1415
P101	⚠ Q804		00MHT21020100	00MHT21020100	TRS.	! 2SB1020
P101	⚠ Q805		00MHT41415100	00MHT41415100	TRS.	! TRANSISTOR 2SD1415
P101	⚠ Q806		00MHT21020100	00MHT21020100	TRS.	! 2SB1020
P101	Q807		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P101	⚠ Q808		00MHT41415100	00MHT41415100	TRS.	! TRANSISTOR 2SD1415
P101	Q809		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	Q810		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	Q811		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	Q812		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	QF01		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	QF02		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P101	QF03		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	QF04		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	QH01		00MHC10027090	00MHC10027090	IC	NJM5534D
P101	QH02		00MHC10027090	00MHC10027090	IC	NJM5534D
P101	QH03		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	QH04		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	QH05		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	QH06		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	QH07		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	QH08		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P101	QH09		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P101	QH10		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL

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
P101	QH11		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	QH12		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	QH13		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	QH14		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	QH15		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	QH16		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	QH17		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	QH18		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	QH19		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	QH20		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P101	QH21		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	QH22		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P101	QH23		nsp	nsp	TRS.	2SC4883 O OR Y PAIR PARTS OF KH01
P101	QH24		nsp	nsp	TRS.	2SC4883 O OR Y PAIR PARTS OF KH02
P101	QH25		nsp	nsp	TRS.	2SA1859 O OR Y PAIR PARTS OF KH01
P101	QH26		nsp	nsp	TRS.	2SA1859 O OR Y PAIR PARTS OF KH02
P101	QH27		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	QH28		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	QH29		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P101	QH30		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P101	QH32		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	QH33		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	QH34		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	QH35		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P101	R121		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P101	R122		nsp	00MGD05473160	RES.	47K OHM +-5% 1/6W
P101	R123		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P101	R124		nsp	00MGD05473160	RES.	47K OHM +-5% 1/6W
P101	R125		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P101	▲ R126		00MGG05330160	00MGG05330160	RES.	! 33 OHM +-5% 1/6W
P101	R127		nsp	00MGD05152160	RES.	1.5K OHM +-5% 1/6W
P101	R128		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P101	R130		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P101	▲ R433		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	▲ R434		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	▲ R435		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	▲ R436		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	▲ R437		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	▲ R438		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	▲ R439		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	▲ R440		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	R461		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	R462		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	▲ R467		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P101	▲ R468		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P101	▲ R469		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P101	▲ R470		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P101	R503		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	R504		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	R521		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	R522		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	R525		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R526		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R527		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R528		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R537		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P101	R538		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P101	R557		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	R558		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	R561		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R562		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R563		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R564		nsp	00MGD05181160	RES.	180 OHM +-5% 1/6W
P101	R573		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P101	R574		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P101	R577		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	R578		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	R579		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W

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
P101	R580		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	R591		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P101	R592		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P101	R593		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P101	R594		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P101	R595		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P101	R801		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	R802		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P101	R803		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P101	R804		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P101	R805		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P101	R806		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P101	R807		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P101	R808		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P101	⚠ R809		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P101	⚠ R810		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P101	⚠ R811		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P101	⚠ R812		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P101	R813		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P101	R814		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P101	R815		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P101	⚠ R816		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P101	R817		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R818		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R819		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R820		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R821		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R822		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R823		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R824		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R825		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	R826		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	⚠ RF11		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	⚠ RF12		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	⚠ RF13		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	⚠ RF14		00MGG05220160	00MGG05220160	RES.	! 22 OHM +-5% 1/6W
P101	RH19		00MKNK05222120	00MKNK05222120	METAL RES.	2.2K OHM +-5% 1/2W ERG12SJW-E
P101	RH20		00MKNK05222120	00MKNK05222120	METAL RES.	2.2K OHM +-5% 1/2W ERG12SJW-E
P101	RH21		00MKNK05222120	00MKNK05222120	METAL RES.	2.2K OHM +-5% 1/2W ERG12SJW-E
P101	RH22		00MKNK05222120	00MKNK05222120	METAL RES.	2.2K OHM +-5% 1/2W ERG12SJW-E
P101	RH65		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	RH66		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	RH67		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P101	RH68		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P101	RH69		nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	RH71		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	RH72		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	RH73		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	RH74		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P101	RR01	F N	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	RR01	/U1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	RR04	/K1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	RR04	/N1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P101	RR04	/N1S	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
PHONO PWB P301 (00MWG22AJ202-)						
P301	C303	/K1G	nsp	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C303	/N1G	00MOF55101560	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C303	/N1S	00MOF55101560	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C304	/K1G	nsp	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C304	/N1G	00MOF55101560	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C304	/N1S	00MOF55101560	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C305		00MOF55102570	00MOF55102570	FILM CAP.	DTG 1000PF 100V
P301	C306		00MOF55102570	00MOF55102570	FILM CAP.	DTG 1000PF 100V
P301	C307		00MOF55101560	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C308		00MOF55101560	00MOF55101560	FILM CAP.	DAMG 100PF 630V
P301	C309		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P301	C310		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P301	C311		nsp	00MOA47801040	ELECT. CAP.	RFO-10V472MJ6P #-S1

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
P301	C312		nsp	00MOA47801040	ELECT. CAP.	RFO-10V472MJ6P #-S1
P301	C313		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P301	C314		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P301	C315		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +-5% FAS
P301	C316		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +-5% FAS
P301	C317		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P301	C318		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P301	C319		00MOF55102580	00MOF55102580	FILM CAP.	1000PF 100V FNS
P301	C320		00MOF55102580	00MOF55102580	FILM CAP.	1000PF 100V FNS
P301	C321		00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P301	C322		00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P301	C323		nsp	00MOA47801040	ELECT. CAP.	RFO-10V472MJ6P #-S1
P301	C324		nsp	00MOA47801040	ELECT. CAP.	RFO-10V472MJ6P #-S1
P301	C325		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P301	C326		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P301	C329		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P301	C330		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P301	C331		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P301	C332		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P301	C333		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P301	C335		00MOF55220590	00MOF55220590	FILM CAP.	22PF 200V +-5% FAS
P301	C336		00MOF55220590	00MOF55220590	FILM CAP.	22PF 200V +-5% FAS
P301	C337		00MOF55220590	00MOF55220590	FILM CAP.	22PF 200V +-5% FAS
P301	C338		00MOF55220590	00MOF55220590	FILM CAP.	22PF 200V +-5% FAS
P301	C339		00MOF55681580	00MOF55681580	FILM CAP.	680PF 100V +-5% FNS
P301	C340		00MOF55681580	00MOF55681580	FILM CAP.	680PF 100V +-5% FNS
P301	C341		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P301	C342		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P301	D301		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D303		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D304		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D305		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D306		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D307		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D308		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D309		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D310		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D311		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P301	D312		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P301	D313		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P301	D314		00MHI10095320	00MHI10095320	L.E.D.	LT3K44B GREEN 30MA
P301	D315		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D316		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D317		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	D318		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P301	EX01	F N	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	EX01	/U1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	EX02	F N	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	EX02	/U1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	J301		00MYT02011000	00MYT02011000	TERMINAL	1P CINCH PIN JACK T6782-AAAB
P301	J302		00MYT02011000	00MYT02011000	TERMINAL	1P CINCH PIN JACK T6782-AAAB
P301	L301		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P301	L302		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P301	L303	/K1G	nsp	00MLC13240010	COIL	320 MH CHOKE COIL (TOROIDAL)
P301	L303	/N1G	00MLC13240010	00MLC13240010	COIL	320 MH CHOKE COIL (TOROIDAL)
P301	L303	/N1S	00MLC13240010	00MLC13240010	COIL	320 MH CHOKE COIL (TOROIDAL)
P301	L304	/K1G	nsp	00MLC13240010	COIL	320 MH CHOKE COIL (TOROIDAL)
P301	L304	/N1G	00MLC13240010	00MLC13240010	COIL	320 MH CHOKE COIL (TOROIDAL)
P301	L304	/N1S	00MLC13240010	00MLC13240010	COIL	320 MH CHOKE COIL (TOROIDAL)
P301	L305		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P301	Q301		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q302		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q303		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q304		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q305		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q306		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q307		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q308		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL

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
P301	Q309		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q310		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q311		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q312		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q313		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q314		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q315		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q316		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q317		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q318		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q319		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q320		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q321		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q322		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q323		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q324		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q325		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q326		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
P301	Q327		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q328		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P301	Q329		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P301	Q330		00MHT111452A0	00MHT111452A0	TRS.	2SA1145 O OR Y
P301	Q331		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P301	Q332		00MHT327052A0	00MHT327052A0	TRS.	2SC2705 O OR Y
P301	Q335		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P301	Q336		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P301	Q337		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P301	Q338		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P301	R309		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P301	R310		nsp	00MGD05683160	RES.	68K OHM +-5% 1/6W
P301	R311		nsp	00MGD05271160	RES.	270 OHM +-5% 1/6W
P301	R312		nsp	00MGD05271160	RES.	270 OHM +-5% 1/6W
P301	R313		nsp	00MGD05271160	RES.	270 OHM +-5% 1/6W
P301	R314		nsp	00MGD05271160	RES.	270 OHM +-5% 1/6W
P301	R339		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P301	R340		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P301	R343		nsp	00MGD05335160	RES.	3.3M OHM +-5% 1/6W
P301	R344		nsp	00MGD05335160	RES.	3.3M OHM +-5% 1/6W
P301	⚠ R361		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P301	⚠ R362		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P301	⚠ R363		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P301	⚠ R364		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P301	RR31	F N	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	RR31	/U1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	RR35	/K1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	RR35	/N1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P301	RR35	/N1S	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
UNBALANCE PWB P601 (00MWG22AJ201-)						
P601	C151		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	C152		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	C153		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	C154		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	C155	/K1G	nsp	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C155	/N1G	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C155	/N1S	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C156	/K1G	nsp	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C156	/N1G	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C156	/N1S	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C157	/K1G	nsp	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C157	/N1G	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C157	/N1S	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C158	/K1G	nsp	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C158	/N1G	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C158	/N1S	00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J 220PF(TP) 100V PP
P601	C159		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C160		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C601		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	C602		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)

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
P601	C603		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	C604		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	C605		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C606		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C607		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C608		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C609		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C610		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C611		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C612		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C613		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	C614		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	C615		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	C616		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	C651		00MOF15472540	00MOF15472540	FILM CAP.	4700PF J 100V APSV
P601	C652		00MOF15472540	00MOF15472540	FILM CAP.	4700PF J 100V APSV
P601	C653		00MOF15472540	00MOF15472540	FILM CAP.	4700PF J 100V APSV
P601	C654		00MOF15472540	00MOF15472540	FILM CAP.	4700PF J 100V APSV
P601	C655		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C656		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C657		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C658		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P601	C659		nsp	00MOA22505020	ELECT. CAP.	2.2 UF M 50V RA-2
P601	C660		nsp	00MOA22505020	ELECT. CAP.	2.2 UF M 50V RA-2
P601	C661		nsp	00MOA22505020	ELECT. CAP.	2.2 UF M 50V RA-2
P601	C662		nsp	00MOA22505020	ELECT. CAP.	2.2 UF M 50V RA-2
P601	C663		00MOF15104040	00MOF15104040	FILM CAP.	0.1UF 50V +-5% MTFVA0050J104
P601	C664		00MOF15104040	00MOF15104040	FILM CAP.	0.1UF 50V +-5% MTFVA0050J104
P601	C665		00MOF15104040	00MOF15104040	FILM CAP.	0.1UF 50V +-5% MTFVA0050J104
P601	C666		00MOF15104040	00MOF15104040	FILM CAP.	0.1UF 50V +-5% MTFVA0050J104
P601	C671		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C672		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C673		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C674		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C681		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P601	C682		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P601	C683		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C684		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	C685		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P601	C686		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P601	C687		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	C691		nsp	00MOA226025Z0	ELECT. CAP.	ROS-25V 220M - F3 #PE - T2 (22UF 25V)
P601	CA03	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CA03	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CA03	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CA04	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CA04	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CA04	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CA05		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CA06		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CA07		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P601	CA08		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P601	CA09		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CA10		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CA11		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CA12		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CB03	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CB03	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CB03	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CB04	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CB04	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CB04	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CB05		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CB06		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CB07		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P601	CB08		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P601	CB09		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CB10		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)

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
P601	CB11		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CB12		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CC03	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CC03	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CC03	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CC04	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CC04	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CC04	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CC05		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CC06		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CC07		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P601	CC08		00MOF56331540	00MOF56331540	FILM CAP.	STAR(126)100VDC331J7-10
P601	CC09		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CC10		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CC11		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CC12		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CD03	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CD03	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CD03	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CD04	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CD04	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CD04	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CD05		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CD06		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CD07		00MOF55331580	00MOF55331580	FILM CAP.	330PF 100V +-5% FNS
P601	CD08		00MOF55331580	00MOF55331580	FILM CAP.	330PF 100V +-5% FNS
P601	CD09		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CD10		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CD11		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CD12		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CE03	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CE03	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CE03	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CE04	/K1G	nsp	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CE04	/N1G	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CE04	/N1S	00MOF55221590	00MOF55221590	FILM CAP.	220PF 200V +-5% FAS
P601	CE05		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CE06		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P601	CE07		00MOF55331580	00MOF55331580	FILM CAP.	330PF 100V +-5% FNS
P601	CE08		00MOF55331580	00MOF55331580	FILM CAP.	330PF 100V +-5% FNS
P601	CE09		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CE10		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
P601	CE11		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	CE12		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P601	D101		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	D151		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	D152		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	D191		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	DA01		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	DB01		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	DC01		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	DD01		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	DE01		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P601	J151		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	J152		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	J192		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	JA01		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	JB01		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	JC01		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	JD01		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	JE01		00MYT02021390	00MYT02021390	TERMINAL	2P CINCH PINJACK (T6743 BLK/BLK)
P601	L101		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	L103		00MFC90050130	00MFC90050130	FERRITE CORE	BL02RN2-R62T2 FERRITE BEAD
P601	L151		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	L152		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	L191		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	LA01		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	LB01		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)

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
P601	LC01		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	LD01		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	LE01		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
P601	Q101		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	Q102		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q103		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	Q104		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q151		00MHC10111090	00MHC10111090	IC	DUAL LOW NOISE OP-AMP NJM2114D
P601	Q153		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	Q154		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	Q155		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q156		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q191		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	Q192		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q601		00MHC10111090	00MHC10111090	IC	DUAL LOW NOISE OP-AMP NJM2114D
P601	Q602		00MHC10111090	00MHC10111090	IC	DUAL LOW NOISE OP-AMP NJM2114D
P601	Q651		00MHC10111090	00MHC10111090	IC	DUAL LOW NOISE OP-AMP NJM2114D
P601	Q652		00MHC10111090	00MHC10111090	IC	DUAL LOW NOISE OP-AMP NJM2114D
P601	Q653		00MHC10111090	00MHC10111090	IC	DUAL LOW NOISE OP-AMP NJM2114D
P601	Q654		00MHC10111090	00MHC10111090	IC	DUAL LOW NOISE OP-AMP NJM2114D
P601	⚠ Q681		00MHT41415100	00MHT41415100	TRS.	! TRANSISTOR 2SD1415
P601	⚠ Q682		00MHT21020100	00MHT21020100	TRS.	! 2SB1020
P601	Q691		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q692		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q693		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q694		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	Q701		00MHC12247090	00MHC12247090	IC	NJU7312AM ANALOG SW
P601	Q702		00MHC12247090	00MHC12247090	IC	NJU7312AM ANALOG SW
P601	Q703		00MHC12247090	00MHC12247090	IC	NJU7312AM ANALOG SW
P601	Q704		00MHC12247090	00MHC12247090	IC	NJU7312AM ANALOG SW
P601	QA01		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QA02		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QA03		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	QA04		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	QB01		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QB02		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QB03		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	QB04		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	QC01		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QC02		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QC03		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	QC04		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	QD01		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QD02		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QD03		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	QD04		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	QE01		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QE02		00MKH22AJ1010	00MKH22AJ1010	UNIT & H-IC	HDAM-SA3 MODULE
P601	QE03		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P601	QE04		00D2690206908	00D2690206908	TRS.	KRC102M-AT/P (10K-10K)
P601	⚠ R103		00MGG05100160	00MGG05100160	RES.	! 10 OHM +5% 1/6W
P601	⚠ R104		00MGG05100160	00MGG05100160	RES.	! 10 OHM +5% 1/6W
P601	R157		nsp	00MGD05104160	RES.	100K OHM +5% 1/6W
P601	R158		nsp	00MGD05104160	RES.	100K OHM +5% 1/6W
P601	R159		nsp	00MGD05561160	RES.	560 OHM +5% 1/6W
P601	R160		nsp	00MGD05561160	RES.	560 OHM +5% 1/6W
P601	R161		nsp	00MGD05561160	RES.	560 OHM +5% 1/6W
P601	R162		nsp	00MGD05561160	RES.	560 OHM +5% 1/6W
P601	R163		nsp	00MGD05104160	RES.	100K OHM +5% 1/6W
P601	R164		nsp	00MGD05104160	RES.	100K OHM +5% 1/6W
P601	R165		nsp	00MGD05104160	RES.	100K OHM +5% 1/6W
P601	R166		nsp	00MGD05104160	RES.	100K OHM +5% 1/6W
P601	⚠ R169		00MGG05220160	00MGG05220160	RES.	! 10 OHM +5% 1/6W
P601	⚠ R170		00MGG05220160	00MGG05220160	RES.	! 10 OHM +5% 1/6W
P601	R601		nsp	00MGD05473160	RES.	47K OHM +5% 1/6W
P601	R602		nsp	00MGD05473160	RES.	47K OHM +5% 1/6W
P601	R603		nsp	00MGD05473160	RES.	47K OHM +5% 1/6W
P601	R604		nsp	00MGD05473160	RES.	47K OHM +5% 1/6W

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
P601	R605		nsp	00MGD05473160	RES.	47K OHM +-5% 1/6W
P601	R606		nsp	00MGD05473160	RES.	47K OHM +-5% 1/6W
P601	R607		nsp	00MGD05473160	RES.	47K OHM +-5% 1/6W
P601	R608		nsp	00MGD05473160	RES.	47K OHM +-5% 1/6W
P601	R609		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R610		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R611		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R612		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R613		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R614		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R615		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R616		nsp	00MGD05332160	RES.	3.3K OHM +-5% 1/6W
P601	R617		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P601	R618		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P601	R619		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P601	R620		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P601	R621		nsp	00MGD05100160	RES.	10 OHM +-5% 1/6W
P601	R622		nsp	00MGD05100160	RES.	10 OHM +-5% 1/6W
P601	R623		nsp	00MGD05100160	RES.	10 OHM +-5% 1/6W
P601	R624		nsp	00MGD05100160	RES.	10 OHM +-5% 1/6W
P601	R651		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R652		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R653		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R654		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R655		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	R656		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	R657		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	R658		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	R659		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R660		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R661		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R662		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R663		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	R664		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	R665		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	R666		nsp	00MGD05563160	RES.	56K OHM +-5% 1/6W
P601	⚠ R671		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P601	⚠ R672		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P601	⚠ R673		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P601	⚠ R674		00MGG05100160	00MGG05100160	RES.	! 10 OHM +-5% 1/6W
P601	R681		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P601	R682		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P601	R683		nsp	00MGD05183160	RES.	18K OHM +-5% 1/6W
P601	R684		nsp	00MGD05183160	RES.	18K OHM +-5% 1/6W
P601	R685		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P601	R686		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P601	⚠ R687		00MGG05047160	00MGG05047160	RES.	! 4.7 OHM +-5% 1/6W
P601	⚠ R688		00MGG05047160	00MGG05047160	RES.	! 4.7 OHM +-5% 1/6W
P601	R691		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R692		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R693		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R694		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R701		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R702		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R703		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R704		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R705		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R706		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R707		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R708		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R709		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R710		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R711		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R712		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R713		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R714		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R715		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R716		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W

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
P601	R717		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R718		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R719		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R720		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R721		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R722		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R723		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R724		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R725		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R726		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R727		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R728		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R729		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R730		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R731		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R732		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R733		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R734		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R735		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R736		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R737		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R738		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R739		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R740		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R751		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R752		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R753		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R754		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R755		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R756		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R757		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R758		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P601	R759		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R760		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R761		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R762		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R763		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R764		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R765		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R766		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R767		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R768		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R769		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R770		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R771		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R772		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R773		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R774		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
P601	R775		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R776		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R777		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R778		nsp	00MGD05392160	RES.	3.9K OHM +-5% 1/6W
P601	R779		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R780		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R781		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R782		nsp	00MGD05222160	RES.	2.2K OHM +-5% 1/6W
P601	R783		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R784		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R785		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R786		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R787		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R788		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R789		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	R790		nsp	00MGD05102160	RES.	1K OHM +-5% 1/6W
P601	RD01		nsp	00MGD05224160	RES.	220K OHM +-5% 1/6W
P601	RD02		nsp	00MGD05224160	RES.	220K OHM +-5% 1/6W
P601	RD03		nsp	00MGD05223160	RES.	22K OHM +-5% 1/6W
P601	RD04		nsp	00MGD05223160	RES.	22K OHM +-5% 1/6W

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
P601	RD05		nsp	00MGD05331160	RES.	330 OHM +-5% 1/6W
P601	RD06		nsp	00MGD05331160	RES.	330 OHM +-5% 1/6W
P601	RE01		nsp	00MGD05224160	RES.	220K OHM +-5% 1/6W
P601	RE02		nsp	00MGD05224160	RES.	220K OHM +-5% 1/6W
P601	RE03		nsp	00MGD05223160	RES.	22K OHM +-5% 1/6W
P601	RE04		nsp	00MGD05223160	RES.	22K OHM +-5% 1/6W
P601	RE05		nsp	00MGD05331160	RES.	330 OHM +-5% 1/6W
P601	RE06		nsp	00MGD05331160	RES.	330 OHM +-5% 1/6W
P601	RR11	F N	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P601	RR11	/U1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P601	RR15	/K1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P601	RR15	/N1G	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
P601	RR15	/N1S	nsp	00MGD05000160	RES.	0 OHM +-5% 1/6W
MAIN CAP. PWB P851 (00MWG22AJ204-)						
P851	C851		nsp	00MOA15905010	ELECT. CAP.	LKG1H153MESBZT
P851	C852		nsp	00MOA15905010	ELECT. CAP.	LKG1H153MESBZT
P851	▲ D851		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D852		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D853		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D854		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D855		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D856		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D857		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D858		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D859		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D860		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D861		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D862		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D863		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D864		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D865		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ D866		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P851	▲ G851		00MBF68400010	00MBF68400010	CAP.COMP.	! 0.68UF/4.7OHM
P851	▲ G852		00MBF68400010	00MBF68400010	CAP.COMP.	! 0.68UF/4.7OHM
P851	▲ R851		00MGG05010140	00MGG05010140	RES.	! 1 OHM +-5% 1/4W
P851	▲ R852		00MGG05010140	00MGG05010140	RES.	! 1 OHM +-5% 1/4W
P851	▲ R853		00MGG05010160	00MGG05010160	RES.	! 1 OHM +-5% 1/6W
P851	▲ R854		00MGG05010160	00MGG05010160	RES.	! 1 OHM +-5% 1/6W
POWER SUPPLY PWB P871 (00MWG22AJ205-)						
P871	C873		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C874		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C875		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C876		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C877		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C878		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C879		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C880		nsp	00MOA227025R0	ELECT. CAP.	ROA-25V 221M -H5 #PE - T2 (220UF 25V)
P871	C881		nsp	00MOA477025R0	ELECT. CAP.	ROA-25V 471M -I6 #PE - S13 (470UF 25V)
P871	C882		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P871	C883		nsp	00MOA108025R0	ELECT. CAP.	ROA-25V 102M - J7 #PE - S1 (1000UF 25V)
P871	C884		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P871	C885		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P871	C886		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
P871	C887		nsp	00MOA22505020	ELECT. CAP.	2.2 UF M 50V RA-2
P871	CH97		nsp	00MOA22805030	ELECT. CAP.	2200UF 50V LKG1H222MESYZT
P871	CH98		nsp	00MOA22805030	ELECT. CAP.	2200UF 50V LKG1H222MESYZT
P871	▲ D871		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D872		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D873		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D874		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D875		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D876		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D877		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D878		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	D879		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P871	D880		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P871	D881		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A
P871	D882		nsp	00MHD20002000	DIODE	1SS176 MA165 1SS254 30V 0.1A

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
P871	D883		00MHD31301000	00MHD31301000	ZENER DIODE	13V ZENER EQUIVALENT
P871	D884		00MHD31301000	00MHD31301000	ZENER DIODE	13V ZENER EQUIVALENT
P871	▲ D885		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D886		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D887		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D888		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D889		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D890		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ D891		00MHD20055100	00MHD20055100	DIODE	! SHOTTKY 11EQS10 1A 100V
P871	▲ G871		00MBF68400010	00MBF68400010	CAP.COMP.	! 0.68UF/4.7OHM
P871	L871		00MLC21060720	00MLC21060720	COIL	10MH SL1923-103KR33
P871	L872		00MLC21060720	00MLC21060720	COIL	10MH SL1923-103KR33
P871	L873		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	L874		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	L875		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	L876		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	L877		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	L878		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	L879		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	L880		00MFC90050060	00MFC90050060	FERRITE CORE	FERRIT BEADS (B-01-AT1F)
P871	Q871		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P871	Q872		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P871	▲ Q873		00MHT41415100	00MHT41415100	TRS.	! 2SD1415
P871	▲ Q874		00MHT21020100	00MHT21020100	TRS.	! 2SB1020
P871	▲ Q876		00MHC3851209F	00MHC3851209F	IC	! NJM78M12FA
P871	▲ Q877		00MHC3850509F	00MHC3850509F	IC	! NJM78M05FA
P871	Q878		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
P871	Q879		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P871	Q880		00D2690204900	00D2690204900	TRS.	KRA102M-AT/P (10K-10K)
P871	Q881		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P871	Q882		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P871	▲ R871		00MGG05010140	00MGG05010140	RES.	! 1 OHM +-5% 1/4W
P871	▲ R872		00MGG05010140	00MGG05010140	RES.	! 1 OHM +-5% 1/4W
P871	R874		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P871	R875		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P871	R876		nsp	00MGD05221160	RES.	220 OHM +-5% 1/6W
P871	R877		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P871	R878		nsp	00MGD05101160	RES.	100 OHM +-5% 1/6W
P871	▲ R879		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P871	▲ R880		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P871	R882		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P871	R883		nsp	00MGD05471160	RES.	470 OHM +-5% 1/6W
P871	R884		nsp	00MGD05182160	RES.	1.8K OHM +-5% 1/6W
P871	R885		nsp	00MGD05124160	RES.	120K OHM +-5% 1/6W
P871	R886		nsp	00MGD05822160	RES.	8.2K OHM +-5% 1/6W
P871	R887		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
P871	R889		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
P871	R890		nsp	00MGD05104160	RES.	100K OHM +-5% 1/6W
P871	▲ R891		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P871	▲ R892		00MGG05033160	00MGG05033160	RES.	! 3.3 OHM +-5% 1/6W
P871	▲ RH97		00MGG05047160	00MGG05047160	RES.	! 4.7 OHM +-5% 1/6W
P871	▲ RH98		00MGG05047160	00MGG05047160	RES.	! 4.7 OHM +-5% 1/6W
FUSE PWB P881 (00MWG22AJ203-)						
P881	▲ F891	F N	nsp	0520100120010	FUSE	# FUSE T1.25AL/250V
P881	▲ F891	/K1G	nsp	0520100080020	FUSE	# 0218.500MXP T 0.5A L 250 V
P881	▲ F891	/N1G	0520100080020	0520100080020	FUSE	# 0218.500MXP T 0.5A L 250 V
P881	▲ F891	/N1S	0520100080020	0520100080020	FUSE	# 0218.500MXP T 0.5A L 250 V
P881	▲ F891	/U1G	nsp	0520100120010	FUSE	# FUSE T1.25AL/250V
POWER SW ASSY P891 (00MWG22AJ103-)						
P891	▲ C891		00MDF77103500	00MDF77103500	FILM CAP.	! 0.01UF M 250V AC
P891	▲ S891		00MSP01012500	00MSP01012500	PUSH SW	! ESB92S13B TV-5 STROKE=1.5MM
PHONE PWB P951 (00MWG22AJ102-)						
P951	C951	/K1G	nsp	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P951	C951	/N1G	00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P951	C951	/N1S	00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P951	C952	/K1G	nsp	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P951	C952	/N1G	00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS
P951	C952	/N1S	00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +-5% FNS

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
P951	J951		00MYJ01005190	00MYJ01005190	JACK	YKB21-5834N (GRY/GLD) HEADPHONE JACK
					BIAS PWB PH81 (00MWG22AJ104-)	
PH81	CH81		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
PH81	CH82		nsp	00MOA476025Z0	ELECT. CAP.	ROS-25V 470M - G3 #PE - T2 (47UF 25V)
PH81	QH37		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
PH81	QH38		00MHT322402A0	00MHT322402A0	TRS.	2SC2240 GR OR BL
PH81	QH39		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
PH81	QH40		00MHT109702A0	00MHT109702A0	TRS.	2SA970 GR OR BL
PH81	QH41		00MHT334191Y0	00MHT334191Y0	TRS.	TRANSISTOR C3419 Y 40V 0.8A PC=1.2W (5W)
PH81	QH42		00MHT334191Y0	00MHT334191Y0	TRS.	TRANSISTOR C3419 Y 40V 0.8A PC=1.2W (5W)
PH81	RH81		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
PH81	RH82		nsp	00MGD05472160	RES.	4.7K OHM +-5% 1/6W
PH81	RH85		nsp	00MGD05122160	RES.	1.2K OHM +-5% 1/6W
PH81	RH86		nsp	00MGD05122160	RES.	1.2K OHM +-5% 1/6W
PH81	RH87		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
PH81	RH88		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
PH81	RH89		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
PH81	RH90		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
PH81	RH91		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
PH81	RH92		nsp	00MGD05562160	RES.	5.6K OHM +-5% 1/6W
PH81	RH93		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
PH81	RH94		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
PH81	RH95		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
PH81	RH96		nsp	00MGD05103160	RES.	10K OHM +-5% 1/6W
					HDAM-SA3 PWB PN01 (00MWG22AJ501-)	
PN01	DN01		00MHZ20014990	00MHZ20014990	CHIP DIODE	KDS122
PN01	DN02		00MHZ20014990	00MHZ20014990	CHIP DIODE	KDS122
PN01	DN03		00MHZ20014990	00MHZ20014990	CHIP DIODE	KDS122
PN01	DN04		00MHZ20014990	00MHZ20014990	CHIP DIODE	KDS122
PN01	JN01		00MYP07005670	00MYP07005670	PLUG	IMSA-6065B-06Z065-PT1
PN01	QN01		00D2710320900	00D2710320900	TRS.	KTA1517-GR-RTK/P
PN01	QN02		00D2730481900	00D2730481900	TRS.	KTC3911S-GR-RTK/P
PN01	QN03		00D2710320900	00D2710320900	TRS.	KTA1517-GR-RTK/P
PN01	QN04		00D2730481900	00D2730481900	TRS.	KTC3911S-GR-RTK/P
PN01	QN05		00D2730481900	00D2730481900	TRS.	KTC3911S-GR-RTK/P
PN01	QN06		00D2710320900	00D2710320900	TRS.	KTA1517-GR-RTK/P
PN01	QN07		00D2730481900	00D2730481900	TRS.	KTC3911S-GR-RTK/P
PN01	QN08		00D2710320900	00D2710320900	TRS.	KTA1517-GR-RTK/P
PN01	RN03		nsp	00MNN05561610	CHIP RES.	560 OHM +-5% 1/16W
PN01	RN04		nsp	00MNN05561610	CHIP RES.	560 OHM +-5% 1/16W
PN01	RN07		nsp	00MNN05393610	CHIP RES.	39K OHM +-5% 1/16W
PN01	RN08		nsp	00MNN05393610	CHIP RES.	39K OHM +-5% 1/16W
					FRONT PWB PU01 (00MWG22AJ301-)	
PU01	CU01		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	CU02		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	CU03		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	CU04		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	CU05		nsp	00MDD95150300	CER. CAP.	15 PF +-5 % CG 50V GR39
PU01	CU06		nsp	00MDD95150300	CER. CAP.	15 PF +-5 % CG 50V GR39
PU01	CU07		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU08		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU09		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU10		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU11		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU14		nsp	00MDD95102300	CER. CAP.	C GRM1882C1H102JA01D
PU01	CU15		nsp	00MDD95102300	CER. CAP.	C GRM1882C1H102JA01D
PU01	CU21		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	CU22		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU25		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU27		nsp	00MDK96224200	CER. CAP.	0.22UF +-10% B 10V
PU01	CU28		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU29		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU34		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	CU37		nsp	00MDD95102300	CER. CAP.	C GRM1882C1H102JA01D
PU01	CU38		nsp	00MDD95102300	CER. CAP.	C GRM1882C1H102JA01D
PU01	CU39		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	CU40		00MEY10601070	00MEY10601070	TANTL.CAP CHIP	10UF/ 10V
PU01	CU41		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K

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
PU01	CU42		00MEY10601070	00MEY10601070	TANTL.CAP CHIP	10UF/ 10V
PU01	CU43		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU44		00MEY10601070	00MEY10601070	TANTL.CAP CHIP	10UF/ 10V
PU01	CU45		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU46		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU47		00MEY10601070	00MEY10601070	TANTL.CAP CHIP	10UF/ 10V
PU01	CU48		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU49		00MEY10601070	00MEY10601070	TANTL.CAP CHIP	10UF/ 10V
PU01	CU50		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU51		00MEY10601070	00MEY10601070	TANTL.CAP CHIP	10UF/ 10V
PU01	CU52		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU53		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU01	CU54		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU01	DD02		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PU01	DU61		00MHI10046080	00MHI10046080	L.E.D.	BLUE LED SELU2E10C-P-E/F 3
PU01	DU62		00MHI10047080	00MHI10047080	L.E.D.	SEL6E10C BLUE LED
PU01	DU63		00MHI10047080	00MHI10047080	L.E.D.	SEL6E10C BLUE LED
PU01	DU71		00MHI10046080	00MHI10046080	L.E.D.	BLUE LED SELU2E10C-P-E/F 3
PU01	DU72		00MHI10047080	00MHI10047080	L.E.D.	SEL6E10C BLUE LED
PU01	DU73		00MHI10047080	00MHI10047080	L.E.D.	SEL6E10C BLUE LED
PU01	LU01		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU02		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU03		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU04		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU05		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU06		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU07		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU08		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU09		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU10		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU11		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU12		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU13		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU14		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU15		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU16		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU17		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU22		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU25		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU26		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU27		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU01	LU31		00MFC90090010	00MFC90090010	FERRITE CORE	ZBF503D-00(TA)-01
PU01	LU32		00MFC90090010	00MFC90090010	FERRITE CORE	ZBF503D-00(TA)-01
PU01	QU01		00MHC60037010	00MHC60037010	U-PRO	HD64F3687H FLASH
PU01			00M22AJ499A00	00M22AJ499A00	SOFTWARE	SOFRWARE FOR QU01 SC-11S1 VER. 001
PU01	QU02		00MHC10229210	00MHC10229210	IC	BD4727G 2.7V RESET IC
PU01	QU03		00MHC10433990	00MHC10433990	IC	AT24C08AN-10SI-2.7
PU01	QU06		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU07		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU08		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU09		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU10		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU12		00D2622018902	00D2622018902	IC	TC4S30F(TE85L) +C
PU01	QU17		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU18		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU19		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU21		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU22		00MBA12303000	00MBA12303000	TRS.	DTA124EU RN2303 UMT TYPE
PU01	QU23		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q R) 2SC4116 (Y GR)
PU01	QU24		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q R) 2SC4116 (Y GR)
PU01	QU25		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q R) 2SC4116 (Y GR)
PU01	QU30		00MBA12303000	00MBA12303000	TRS.	DTA124EU RN2303 UMT TYPE
PU01	QU31		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU32		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
PU01	QU33		00MHC809449R0	00MHC809449R0	IC	74HC4094BT
PU01	QU34		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU35		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU36		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE


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
PU01	QU37		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU38		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	QU39		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU01	RU01		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU04		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU05		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU06		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU07		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU08		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU09		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU10		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU11		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU12		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU13		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU14		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU15		nsp	00MNN05154610	CHIP RES.	150K OHM +-5% 1/16W
PU01	RU16		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU17		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
PU01	RU19		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU20		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU21		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU22		nsp	00MNN05223610	CHIP RES.	22K OHM +-5% 1/16W
PU01	RU23		nsp	00MNN05104610	CHIP RES.	100K OHM +-5% 1/16W
PU01	RU24		nsp	00MNN05223610	CHIP RES.	22K OHM +-5% 1/16W
PU01	RU25		nsp	00MNN05223610	CHIP RES.	22K OHM +-5% 1/16W
PU01	RU26		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU27		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU28		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU32		nsp	00MNN05330610	CHIP RES.	33 OHM +-5% 1/16W
PU01	RU33		nsp	00MNN05223610	CHIP RES.	22K OHM +-5% 1/16W
PU01	RU34		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
PU01	RU37		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU01	RU38		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU39		nsp	00MNN05102610	CHIP RES.	1K OHM +-5% 1/16W
PU01	RU40		nsp	00MNN05821610	CHIP RES.	820 OHM +-5% 1/16W
PU01	RU41		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU42		nsp	00MNN05222610	CHIP RES.	2.2K OHM +-5% 1/16W
PU01	RU43		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU44		nsp	00MNN05222610	CHIP RES.	2.2K OHM +-5% 1/16W
PU01	RU45		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU46		nsp	00MNN05102610	CHIP RES.	1K OHM +-5% 1/16W
PU01	RU47		nsp	00MNN05821610	CHIP RES.	820 OHM +-5% 1/16W
PU01	RU48		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU49		nsp	00MNN05222610	CHIP RES.	2.2K OHM +-5% 1/16W
PU01	RU50		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU51		nsp	00MNN05222610	CHIP RES.	2.2K OHM +-5% 1/16W
PU01	RU52		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU53		nsp	00MNN05122610	CHIP RES.	1.2K OHM +-5% 1/16W
PU01	RU54		nsp	00MNN05122610	CHIP RES.	1.2K OHM +-5% 1/16W
PU01	RU55		nsp	00MNN05472610	CHIP RES.	4.7K OHM +-5% 1/16W
PU01	RU56		nsp	00MNN05122610	CHIP RES.	1.2K OHM +-5% 1/16W
PU01	RU57		nsp	00MNN05122610	CHIP RES.	1.2K OHM +-5% 1/16W
PU01	RU58		nsp	00MNN05472610	CHIP RES.	4.7K OHM +-5% 1/16W
PU01	RU59		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU60		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU64		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	RU65		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU01	SU51		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM 160GF
PU01	SU52		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM 160GF
PU01	SU53		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM 160GF
PU01	SU56		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM 160GF
PU01	SU57		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM 160GF
PU01	SU58		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM 160GF
PU01	XU01		00MFQ08004060	00MFQ08004060	CER. VIB.	CSTS MG 8MHZ (15PF)
PU01	XU02		00MXO001001T0	00MXO001001T0	X'TAL	DT-38 32.768KHZ
					DISPLAY PWB PU21 (00MWG22AJ302-)	
PU21	CV05		nsp	00MDD95102300	CER. CAP.	C GRM1882C1H102JA01D
PU21	CV07		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K

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
PU21	CV09		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU21	CV10		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU21	CV11		nsp	00MDK98105200	CER. CAP.	1UF 10V F
PU21	CV12		nsp	00MDK98105200	CER. CAP.	1UF 10V F
PU21	CV13		nsp	00MDK98105200	CER. CAP.	1UF 10V F
PU21	CV14		nsp	00MDK98105200	CER. CAP.	1UF 10V F
PU21	CV15		nsp	00MDK98105200	CER. CAP.	1UF 10V F
PU21	DV01		00MHI10046080	00MHI10046080	L.E.D.	BLUE LED SELU2E10C-P-E/F 3
PU21	DV02		00MHI10005340	00MHI10005340	L.E.D.	HLMF-K200 #2UL RED H=9 3MM
PU21	DV03		00MHZ30751000	00MHZ30751000	CHIP DIODE	7.5V ZENER MA8075-M UDPS7.5B
PU21	QV02		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU21	QV03		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU21	RV02		nsp	00MNN05222610	CHIP RES.	2.2K OHM +-5% 1/16W
PU21	RV03		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU21	RV04		nsp	00MNN05331610	CHIP RES.	330 OHM +-5% 1/16W
PU21	RV05		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU21	RV06		nsp	00MNN05222610	CHIP RES.	2.2K OHM +-5% 1/16W
PU21	RV07		nsp	00MNN05823610	CHIP RES.	82K OHM +-5% 1/16W
PU21	RV08		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU21	RV09		nsp	00MNN05823610	CHIP RES.	82K OHM +-5% 1/16W
BACK LIGHT PWB PU31 (00MWG22AJ303-)						
PU31	CV31		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PU31	DV31		00MHI10005980	00MHI10005980	L.E.D.	NSPW515BS-S-CO
PU31	RV31		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
I/R SENSOR PWB PU41 (00MWG22AJ304-)						
PU41	CU82		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU41	QU28		00MBA12303000	00MBA12303000	TRS.	DTA124EU RN2303 UMT TYPE
PU41	QU29		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q R) 2SC4116 (Y GR)
PU41	QU81		00MHW10004210	00MHW10004210	PHOTO UNIT	RPM6936-V4 (IR SENSOR)
PU41	RU35		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU41	RU36		nsp	00MNN05183610	CHIP RES.	18K OHM +-5% 1/16W
PU41	RU81		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
INPUT SELECTOR PWB PU51 (00MWG22AJ305-)						
PU51	CU71		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU51	CU72		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PU51	SU72		00MSR01120070	00MSR01120070	ROTARY SW	SRRSIC
VOLUME PWB PU61 (00MWG22AJ306-)						
PU61	RU71		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU61	RU72		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU61	RU73		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU61	RU74		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU61	SU71		00MSR02010140	00MSR02010140	ROTARY SW	EC12E2470811
FCBS PWB PU71 (00MWG22AJ307-)						
PU71	CV52		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PU71	CV53		nsp	00MOA106035Z0	ELECT. CAP.	ROS-35V 100M - F3 #PE - T2 (10UF 35V)
PU71	CV54		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PU71	CV55		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU71	CV56		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PU71	CV57		nsp	00MDK96102300	CER. CAP.	1000 PF +-10 % B 50V GR36
PU71	CV58		nsp	00MDK96102300	CER. CAP.	1000 PF +-10 % B 50V GR36
PU71	CV59		nsp	00MDK96102300	CER. CAP.	1000 PF +-10 % B 50V GR36
PU71	CV60		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PU71	CV61		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PU71	DV52		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301 DAN202U UMT TYPE
PU71	DV53		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PU71	DV54		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PU71	JV52		00MYJ01004670	00MYJ01004670	JACK	LGY6501-0600 3.5 MINI JACK
PU71	JV53		00MYJ01004670	00MYJ01004670	JACK	LGY6501-0600 3.5 MINI JACK
PU71	JV54		00MYJ01004670	00MYJ01004670	JACK	LGY6501-0600 3.5 MINI JACK
PU71	JV55		00MYJ01004670	00MYJ01004670	JACK	LGY6501-0600 3.5 MINI JACK
PU71	LV52		00D2140208003	00D2140208003	RELAY	RELAY(NA24W-K)
PU71	LV53		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PU71	QV51		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU71	QV52		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
PU71	QV53		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
PU71	QV54		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU71	QV56		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU71	QV57		00MBA10013050	00MBA10013050	TRS.	RN2303(PNPX1(22K+22K))

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
PU71	QV58		00MBA21303000	00MBA21303000	TRS.	DTC124EU RN1303 UMT TYPE
PU71	 QV59		00MHW10006320	00MHW10006320	PHOTO UNIT	! PC-817 PHOTO CUPLER 1PAIR
PU71	RV52		nsp	00MNN05473610	CHIP RES.	47K OHM +-5% 1/16W
PU71	RV53		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
PU71	RV54		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU71	RV55		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
PU71	RV56		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU71	RV57		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
PU71	RV58		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
PU71	RV59		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU71	RV60		nsp	00MNN05101610	CHIP RES.	100 OHM +-5% 1/16W
PU71	RV61		nsp	00MNN05102610	CHIP RES.	1K OHM +-5% 1/16W
PU71	RV62		nsp	00MNN05472610	CHIP RES.	4.7K OHM +-5% 1/16W
PU71	RV63		nsp	00MNN05561610	CHIP RES.	560 OHM +-5% 1/16W
PU71	RV65		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU71	RV66		nsp	00MNN05103610	CHIP RES.	10K OHM +-5% 1/16W
PU71	RV67		nsp	00MNN05104610	CHIP RES.	100K OHM +-5% 1/16W
PU71	RV68		nsp	00MNN05104610	CHIP RES.	100K OHM +-5% 1/16W
PU71	SB51		00MSS02021620	00MSS02021620	SLIDE SW	SSSU121700

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

13. 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
PU01	QU01	HD64F3687H FLASH	C	Software: 00M22AJ499A00

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
PU01	QU01	HD64F3687H FLASH	C	Software: 00M22AJ499A00

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。