DENON

Ver. 4

Please refer to the MODIFICATION NOTICE.

SERVICE MANUAL

MODEL	JP	EU	EC	E2	EK	E2A	E1C	EUT
AVR-5308CI		✓						

AV SURROUND RECEIVER

MODEL	JP	EU	EC	E2	EK	E2A	E1C	EUT
AVC-A1HD	✓			✓				

AV SURROUND AMPLIFIER

注　意

サービスをおこなう前に、このサービスマニュアルを必ずお読みください。本機は、火災、感電、けがなどに対する安全性を確保するために、さまざまな配慮をおこなっており、また法的には「電気用品安全法」にもとづき、所定の許可を得て製造されております。
従ってサービスをおこなう際は、これらの安全性が維持されるよう、このサービスマニュアルに記載されている注意事項を必ずお守りください。

- **For purposes of improvement, specifications and design are subject to change without notice.**
- **Please use this service manual with referring to the operating instructions without fail.**
- **Some illustrations using in this service manual are slightly different from the actual set.**

- 本機の仕様は性能改良のため、予告なく変更することがあります。
- 補修用性能部品の保有期間は、製造打切後 8 年です。
- 修理の際は、必ず取扱説明書を参照の上、作業を行ってください。
- 本文中に使用しているイラストは、説明の都合上現物と多少異なる場合があります。

DENON

Denon Brand Company, D&M Holdings Inc.

X0365 V.04 DE/CDM 0805

SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

CAUTION Please heed the points listed below during servicing and inspection.

◎ Heed the cautions!

Spots requiring particular attention when servicing, such as the cabinet, parts, chassis, etc., have cautions indicated on labels or seals. Be sure to heed these cautions and the cautions indicated in the handling instructions.

◎ Caution concerning electric shock!

(1) An AC voltage is impressed on this set, so touching internal metal parts when the set is energized could cause electric shock. Take care to avoid electric shock, by for example using an isolating transformer and gloves when servicing while the set is energized, unplugging the power cord when replacing parts, etc.

(2)There are high voltage parts inside. Handle with extra care when the set is energized.

◎ Caution concerning disassembly and assembly!

Though great care is taken when manufacturing parts from sheet metal, there may in some rare cases be burrs on the edges of parts which could cause injury if fingers are moved across them. Use gloves to protect your hands.

◎ Only use designated parts!

The set's parts have specific safety properties (fire resistance, voltage resistance, etc.). For replacement parts, be sure to use parts which have the same properties. In particular, for the important safety parts that are marked ⚠ on wiring diagrams and parts lists, be sure to use the designated parts.

◎ Be sure to mount parts and arrange the wires as they were originally!

For safety reasons, some parts use tape, tubes or other insulating materials, and some parts are mounted away from the surface of printed circuit boards. Care is also taken with the positions of the wires inside and clamps are used to keep wires away from heating and high voltage parts, so be sure to set everything back as it was originally.

◎ Inspect for safety after servicing!

Check that all screws, parts and wires removed or disconnected for servicing have been put back in their original positions, inspect that no parts around the area that has been serviced have been negatively affected, conduct an insulation check on the external metal connectors and between the blades of the power plug, and otherwise check that safety is ensured.

(Insulation check procedure)
Unplug the power cord from the power outlet, disconnect the antenna, plugs, etc., and turn the power switch on. Using a 500V insulation resistance tester, check that the insulation resistance between the terminals of the power plug and the externally exposed metal parts (antenna terminal, headphones terminal, microphone terminal, input terminal, etc.) is 1MΩ or greater. If it is less, the set must be inspected and repaired.

CAUTION Concerning important safety parts

Many of the electric and structural parts used in the set have special safety properties. In most cases these properties are difficult to distinguish by sight, and using replacement parts with higher ratings (rated power and withstand voltage) does not necessarily guarantee that safety performance will be preserved. Parts with safety properties are indicated as shown below on the wiring diagrams and parts lists is this service manual. Be sure to replace them with parts with the designated part number.

(1) Schematic diagrams ... Indicated by the ⚠ mark.

(2) Parts lists ... Indicated by the ⚠ mark.

Using parts other than the designated parts could result in electric shock, fires or other dangerous situations.

注　意　サービス、点検時にはつぎのことにご注意願います。

◎注意事項をお守りください！

サービスのとき特に注意を必要とする個所についてはキャビネット、部品、シャーシなどにラベルや捺印で注意事項を表示しています。これらの注意書きおよび取扱説明書などの注意事項を必ずお守りください。

◎感電に注意！

(1) このセットは、交流電圧が印加されていますので通電時に内部金属部に触れると感電することがあります。従って通電サービス時には、絶縁トランスの使用や手袋の着用、部品交換には、電源プラグを抜くなどして感電にご注意ください。

(2) 内部には高電圧の部分がありますので、通電時の取扱には十分ご注意ください。

◎分解、組み立て作業時のご注意！

板金部品の端面の『バリ』は、部品製造時に充分管理をしておりますが、板金端面は鋭利となっている箇所が有りますので、部品端面に触れたまま指を動かすとまれに怪我をする場合がありますので十分注意して作業して下さい。手の保護のために手袋を着用してください。

◎指定部品の使用！

セットの部品は難燃性や耐電圧など安全上の特性を持ったものとなっています。従って交換部品は、使用されていたものと同じ特性の部品を使用してください。特に配線図、部品表に ⚠ 印で指定されている安全上重要な部品は必ず指定のものをご使用ください。

◎部品の取付けや配線の引きまわしは、元どおりに！

安全上、テープやチューブなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランパーによって発熱部品や高圧部品に接近しないように配慮されていますので、これらは必ず元どおりにしてください。

◎サービス後は安全点検を！

サービスのために取り外したねじ、部品、配線などが元どおりになっているか、またサービスした個所の周辺を劣化させてしまったところがないかなどを点検し、外部金属端子部と、電源プラグの刃の間の絶縁チェックをおこなうなど、安全性が確保されていることを確認してください。

（絶縁チェックの方法）
電源コンセントから電源プラグを抜き、アンテナやプラグなどを外し、電源スイッチを入れます。500V 絶縁抵抗計を用いて、電源プラグのそれぞれの端子と外部露出金属部［アンテナ端子、ヘッドホン端子、マイク端子、入力端子など］との間で、絶縁抵抗値が 1 MΩ 以上であることを確認してください。この値以下のときはセットの点検修理が必要です。

注　意　安全上重要な部品について

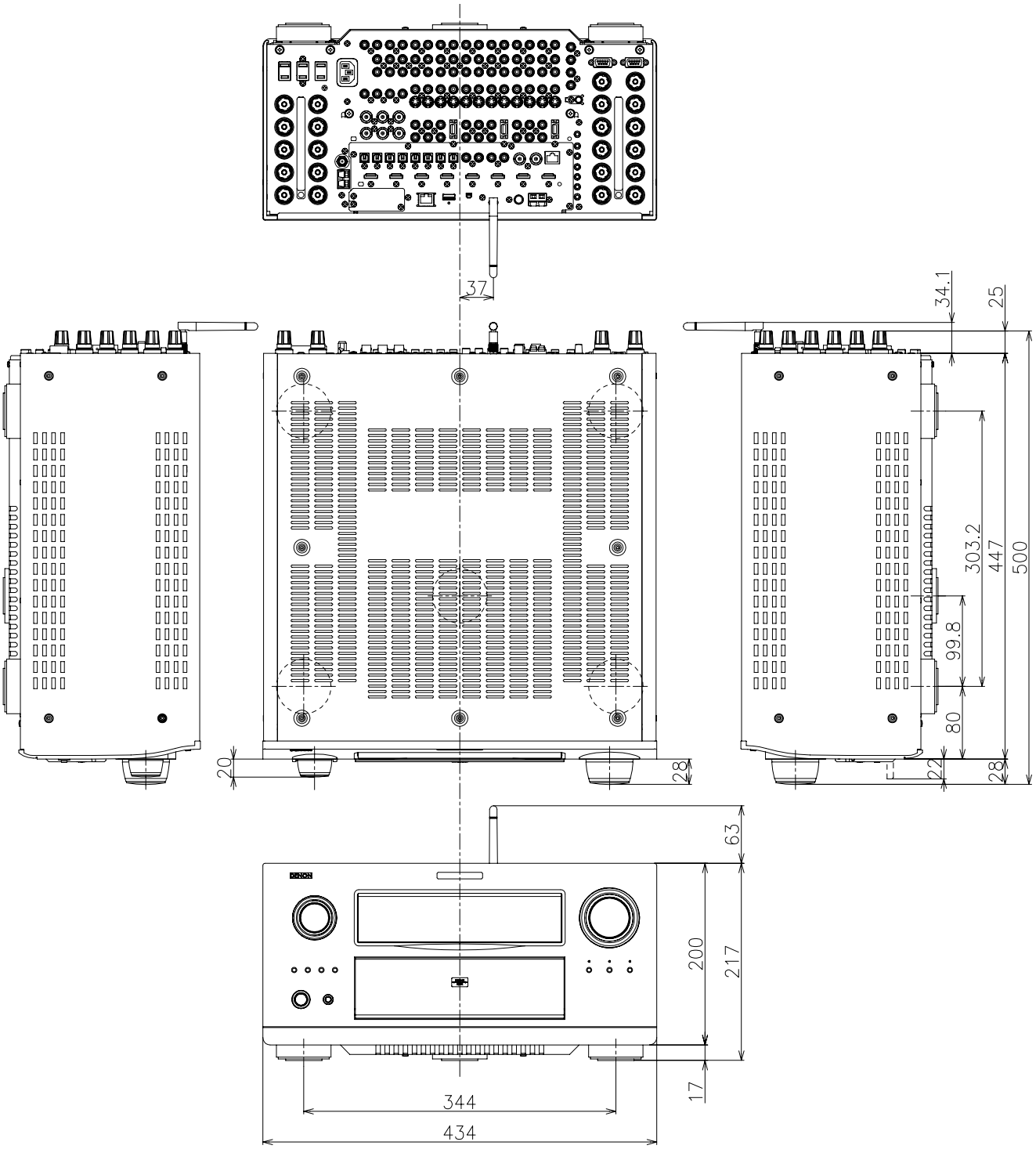
本機に使用している多くの電気部品、および機構部品は安全上、特別な特性を持っています。この特性はほとんどの場合、外観では判別つきにくく、またもとの部品より高い定格（定格電力、耐圧）を持ったものを使用しても安全性が維持されるとは、限りません。安全上の特性を持った部品は、このサービスマニュアルの配線図、部品表につぎのように表示していますので必ず指定されている部品番号のものを使用願います。

(1) 配線図… ⚠ マークで表示しています。

(2) 部品表… ⚠ マークで表示しています。

指定された部品と異なるものを使用した場合には、感電、火災などの危険を生じる恐れがあります。

DIMENSION



This illustration is AVR-5308CI.

WIRE ARRANGEMENT

If wire bundles are untied or moved to perform adjustment or parts replacement etc.,be sure to rearrange them neatly as they were originally bundled or placed afterward. Otherwise, incorrect arrangement can be a cause of noise generation.

Wire arrangement viewed from the top

ワイヤー整形図

調整や部品の交換等により、ワイヤー類の結束をはずしたり移動させた場合には、それらの作業が完了した時点でワイヤーの整形をおこなってください。正しく整形されていないとノイズ発生の原因となることがあります。

上面からみたワイヤー整形

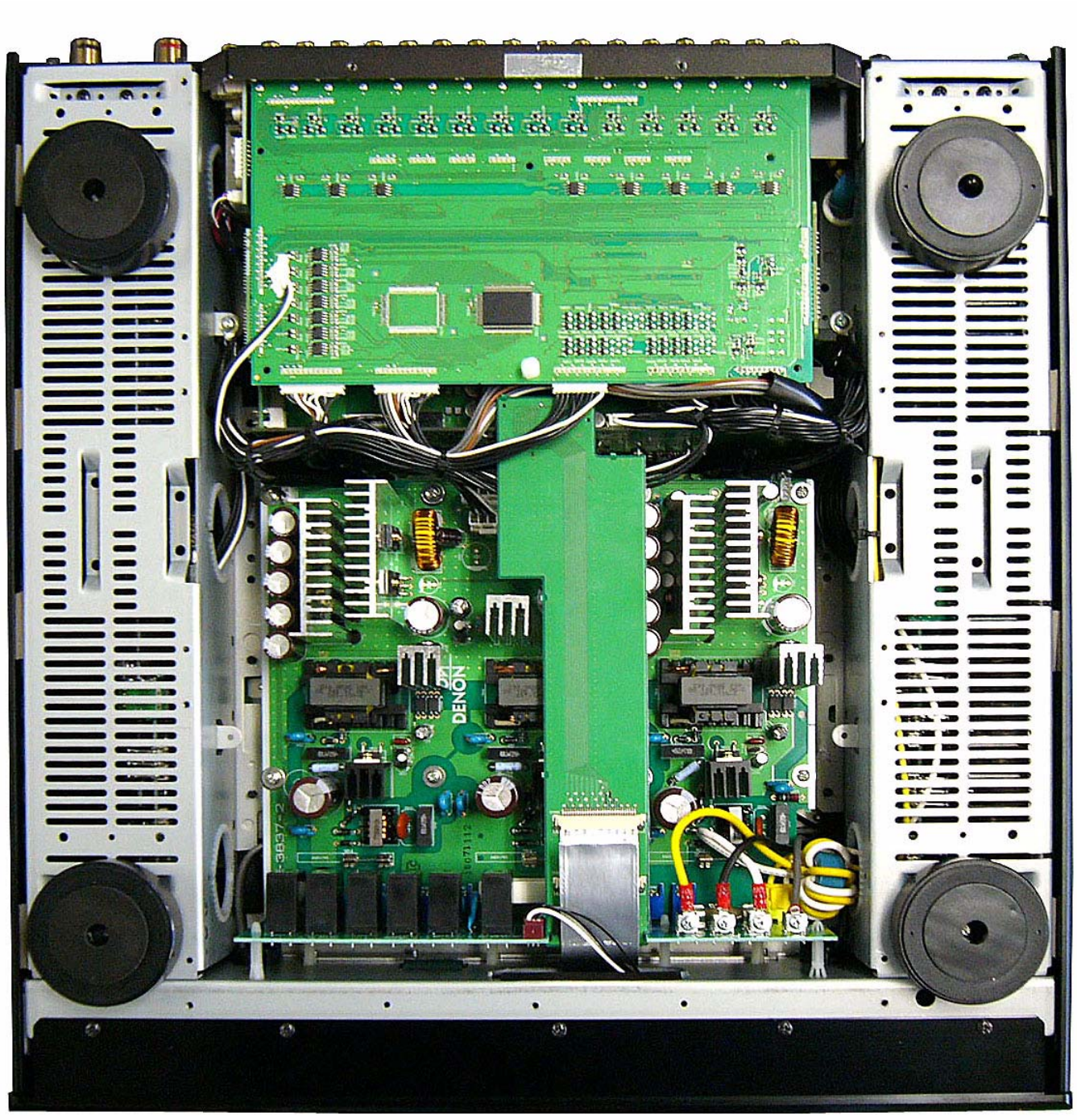
Back Panel side



Front Panel side

Wire arrangement viewed from the bottom **下面からみたワイヤー整形**

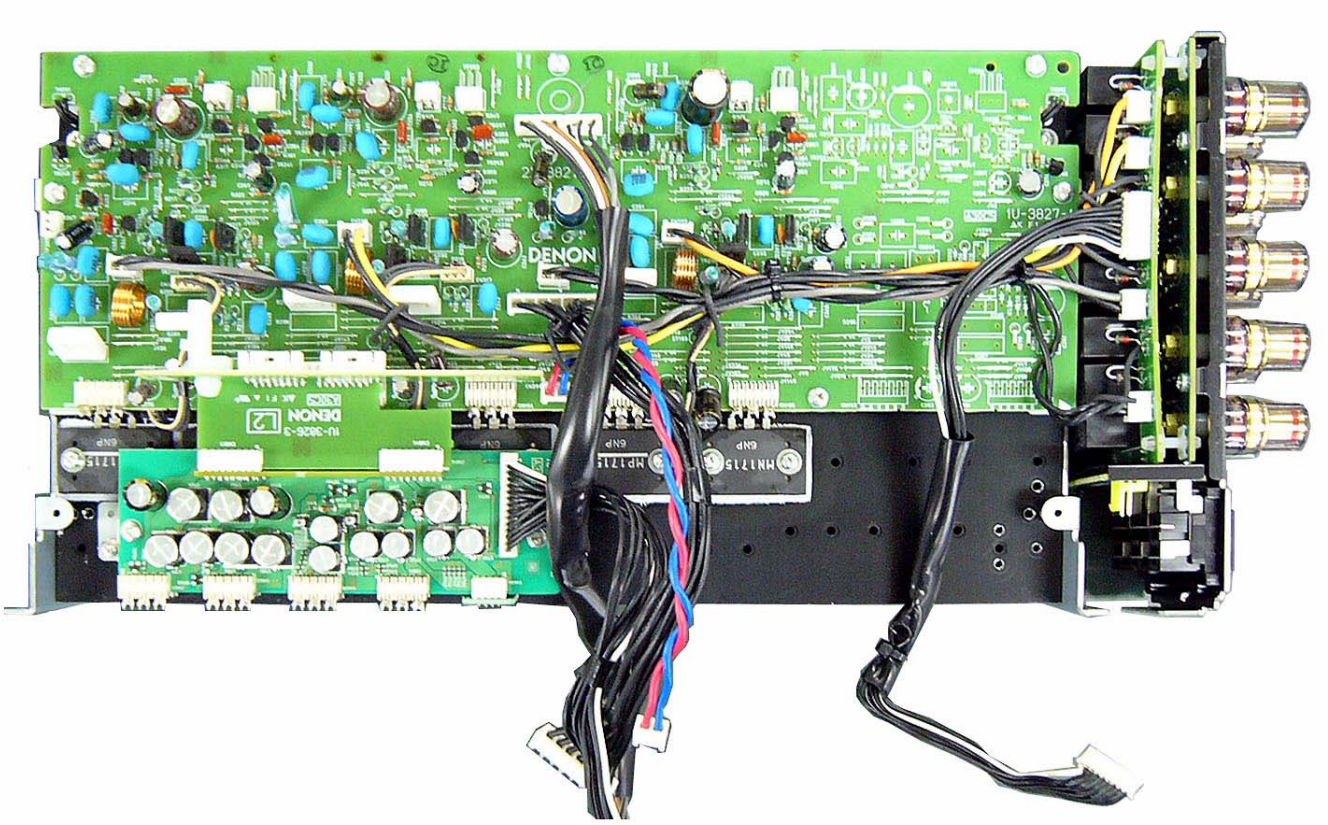
Back Panel side



Front Panel side

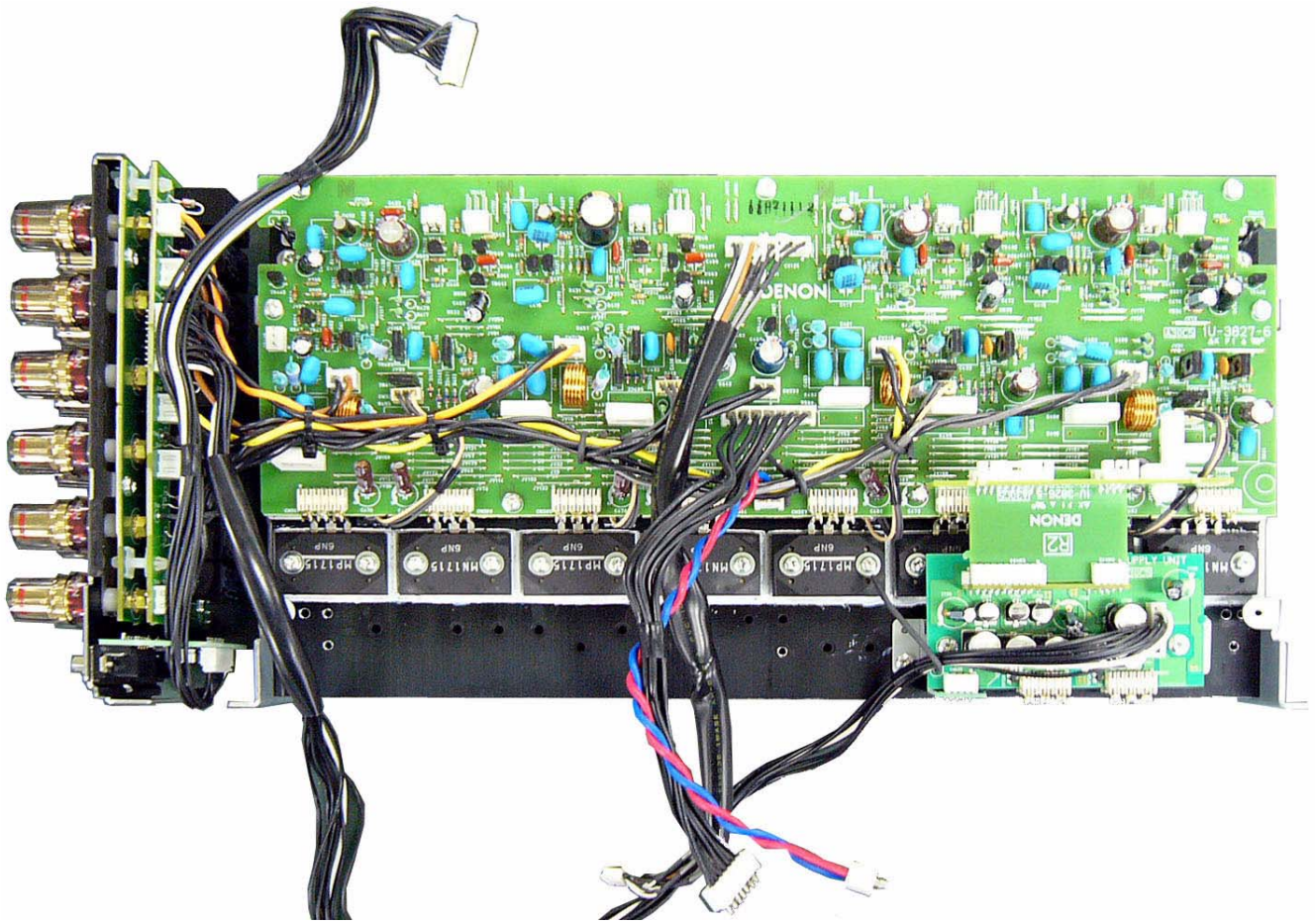
Wire arrangement viewed of Radiator sub ass'y (left)

Radiator sub ass'y（左側）のワイヤー整形



Wire arrangement viewed of Radiator sub ass'y (right)

Radiator sub ass'y（右側）のワイヤー整形



CAUTION IN SERVICING

Initializing AV SURROUND RECEIVER/AMPLIFIER

AV SURROUND RECEIVER/AMPLIFIER initialization should be performed when the µcom, peripheral parts of µcom, and Digital P.W.B. are replaced.

1. Switch off the unit.
2. Hold the following STANDARD button and HOME THX CINEMA button, and switch on the unit.
3. Check that the entire display is flashing with an interval of about 1 second, and release your fingers from the 2 buttons and the microprocessor will be initialized.

Note: ・If step 3 does not work, start over from step 1.
・All user settings will be lost and this factory setting will be recovered when this initialization mode. So make sure to memorize your setting for restoring after the initialization.

サービス時の注意事項

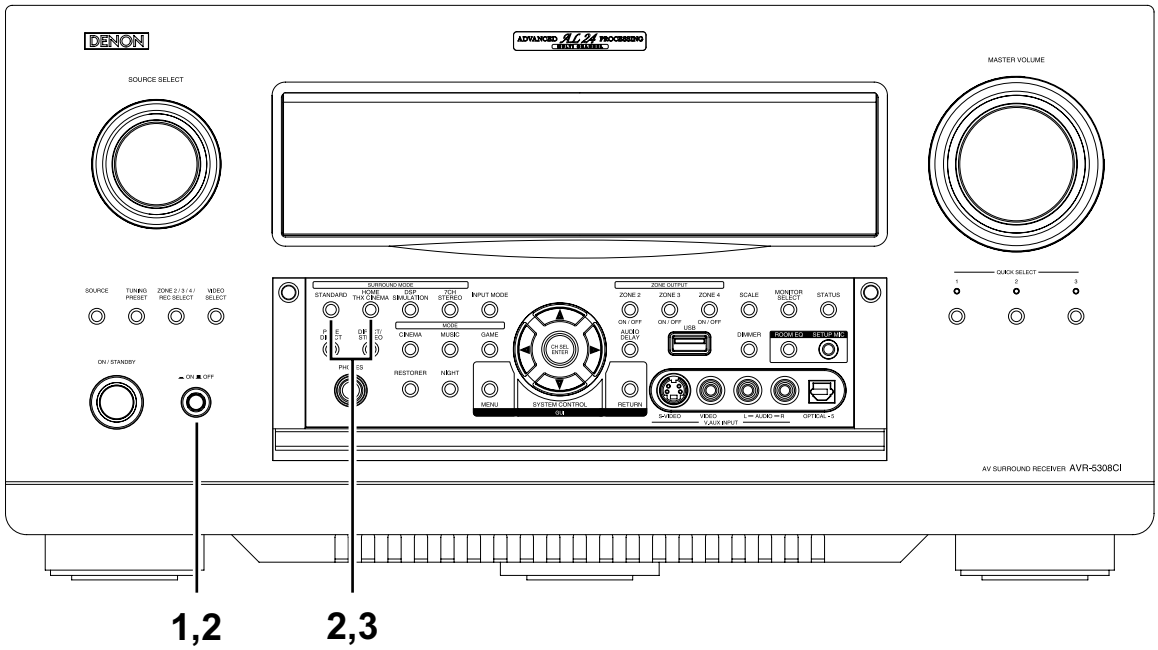
AV サラウンドレシーバー / アンプの初期化について

マイコンやマイコン周辺部品、Digital 基板等を交換した場合は、AV サラウンドレシーバー / アンプの初期化を行って下さい。

1. ▂ON/■OFF ボタンを OFF にします。
2. STANDARD ボタンと HOME THX CINEMA ボタンを同時に押しながら、▂ON/■OFF ボタンを押して ON にします。
3. ディスプレイ表示が約 1 秒間隔で点滅するのを確認後、2 つのボタンから指を離します。

＊マイコンが初期化されます。

注意：・上記 3 の状態にならない場合は、もう一度操作 1 からやり直してください。
・初期化を行うとお客様が設定した内容が工場出荷状態に戻りますので、あらかじめ設定内容を控えておき初期化後再設定してください。



JIG to use for servicing

When you repair the printing board, you can use the following JIG (Extension cable kit). Please order to Denon Official Service Distributor in your region if necessary.

00D SPK- 561 EXTENSION UNIT KIT : 1 Set
00D SPK- 562 TUCP CONN. JOINT KIT : 1 Set

サービス時に使用する治具について

基板を修理する際、使用する治具 (延長ケーブルキット) は　下記のとおりです。
必要に応じて販社サービスへ注文下さい。

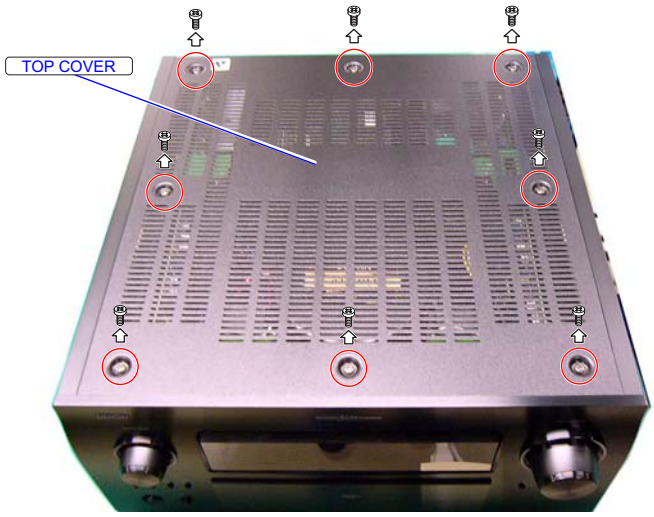
00D SPK- 561 EXTENSION UNIT KIT : 1 式
00D SPK- 562 TUCP CONN. JOINT KIT : 1 式

DISASSEMBLY

(Follow the procedure below in reverse order when reassembling.)

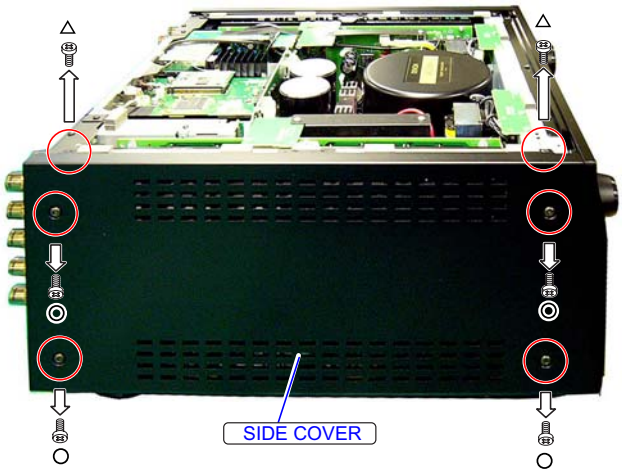
1. Top Cover

(1) Remove 8 screws fixing the Top Cover.



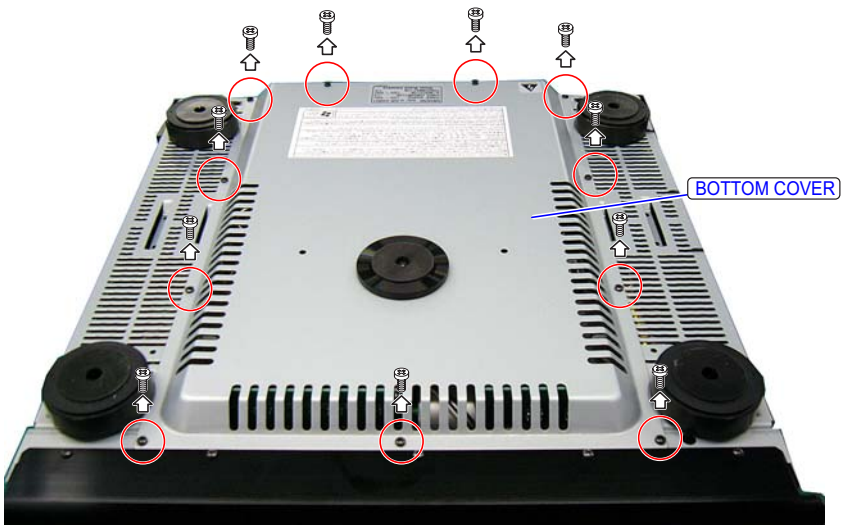
2. Side Cover

(1) Remove 2 screws △ of the top .
(2) Remove 4 screws ○ of the side .
(3) Remove the Side Cover. (Right side is same.)



3. Bottom Cover

(1) Remove 11 screws fixing the Bottom Cover.



各部のはずしかた

（組み立てるときは、逆の順序で行ってください。）

1. Top Cover

(1) ねじ を 8 本はずします。

2. Side Cover

(1) 天面の△ねじ を 2 本はずします。
(2) 側面の○ねじ を 4 本はずします。
(3) SIDE COVER をはずします。(右側も同様。)

3. Bottom Cover

(1) ねじ を 11 本はずし Bottom cover を取り外します。

4. 1U-3837 DIGITAL REG. UNIT

(1) Disconnect 5 wires on the 1U-3823-1 : PRE OUT UNIT and 3 wires on the 1U-3821-1 CPU UNIT.
(2) Disconnect 2 FFC cables. Detach the 1U-3821-2 : CPU FRONT UNIT.
(3) Disconnect 5 wires on the 1U-3837-2 : SW REG UNIT. (□ parts)

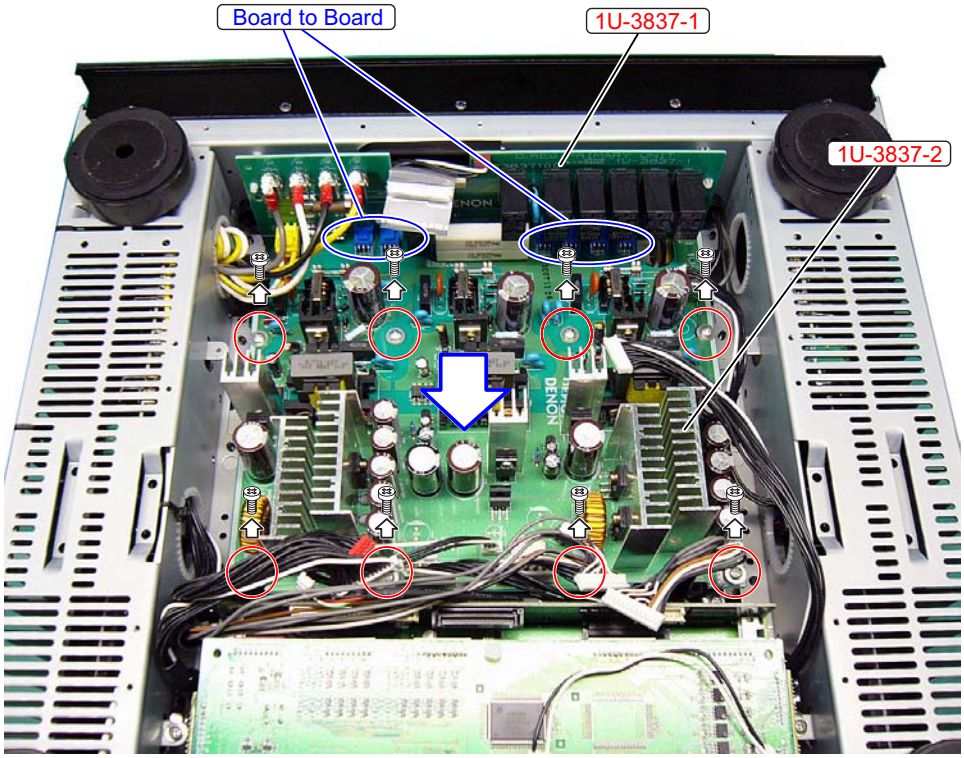
4. 1U-3837 DIGITAL REG. UNIT

(1) 1U-3823-1 : PRE OUT UNIT のワイヤー 5 本 ,1U-3821-1: CPU UNIT のワイヤー 3 本をはずします。
(2) FFC ケーブル 2 本をはずし、1U-3821-2 : CPU FRONT UNIT をはずします。
(3) 1U-3837-2 : SW REG UNIT のワイヤー 5 本をはずします。（□部分）



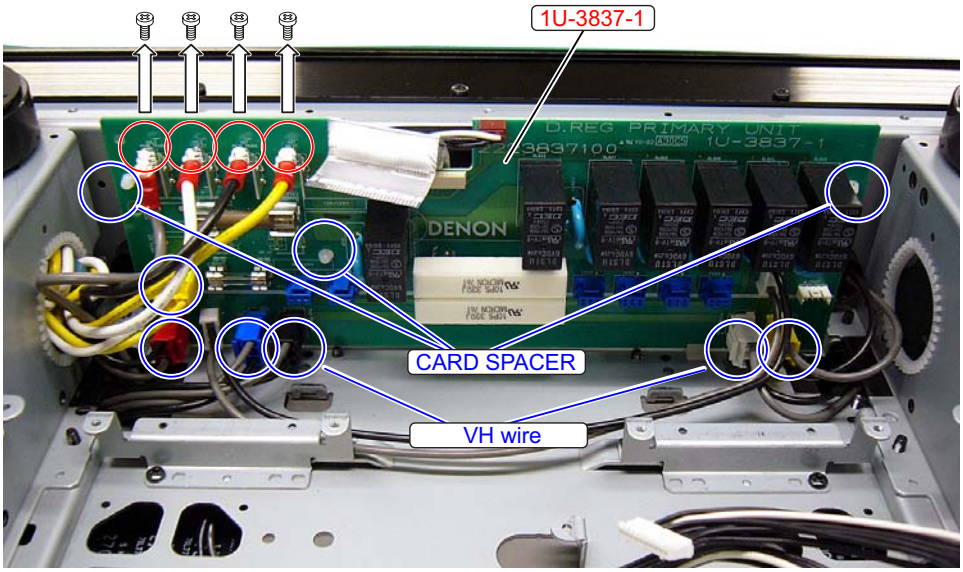
(4) Remove 8 screws fixing the 1U-3837-2 : SW REG UNIT.
(5) Detach the 1U-3837-2 : SW REG UNIT in the direction of the arrow. (Board to Board connector for 1U-3837-1 : PRIMARY UNIT)

(4) 1U-3837-2 : SW REG UNIT のねじ 8 本をはずします。
(5) 矢印方向に 1U-3837-2 : SW REG UNIT を引き抜きます。（1U-3837-1 : PRIMARY UNIT との Board to Board コネクターをはずします。）



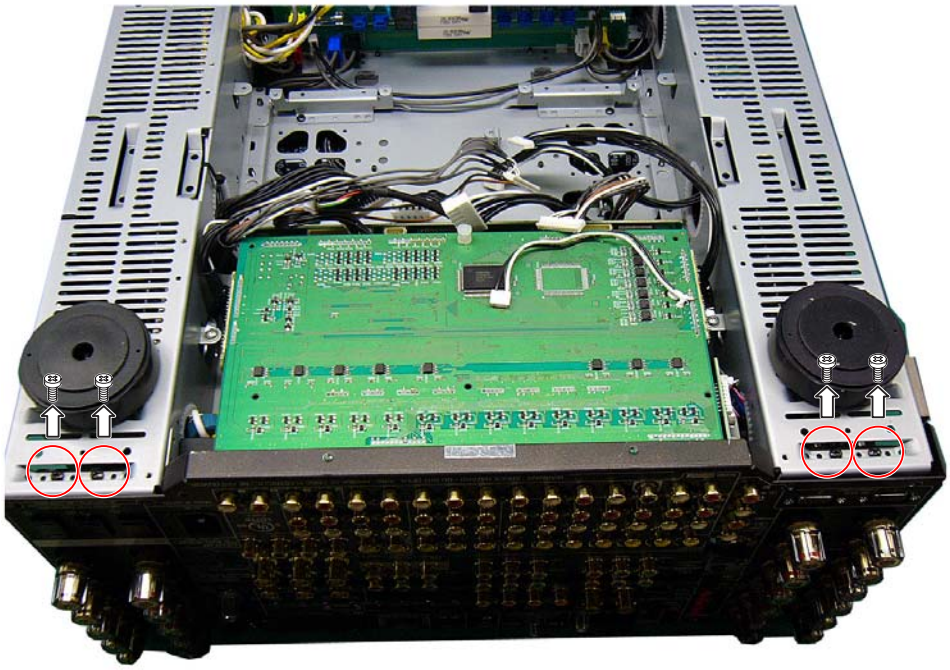
(6) Disconnect 6 VH wire connectors on the 1U-3837-1 : PRIMARY UNIT.
(7) Remove 4 screws of Powered wire (3T LUG terminal).
(8) Unlock the CARD SPACER. Detach the 1U-3837-1 : PRIMARY UNIT.

(6) VH ワイヤーを 6ヶ所はずします。
(7) 電源ワイヤー (3T ラグ端子) のねじを 4ヶ所はずします。
(8) CARD SPACER のロックをはずし、1U-3837-1 : PRIMARY UNIT をはずします。



(9) Remove 4 screws fixing the SPEAKER TERMINAL ASS'Y of bottom side .

(9) SPEAKER TERMINAL ASS'Y を固定している底面のねじ を 4 本はずします。

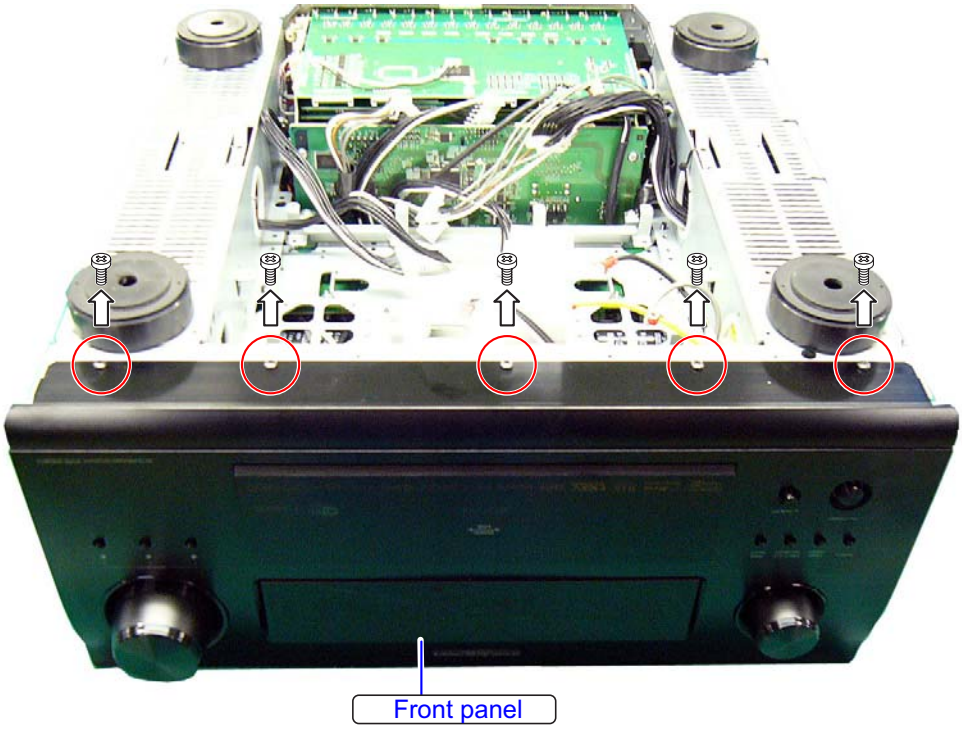


5. FRONT PANEL ASS'Y

(1) Remove 5 screws of bottom side.

5. FRONT PANEL ASS'Y

(1) 底面のねじ を 5 本をはずします。



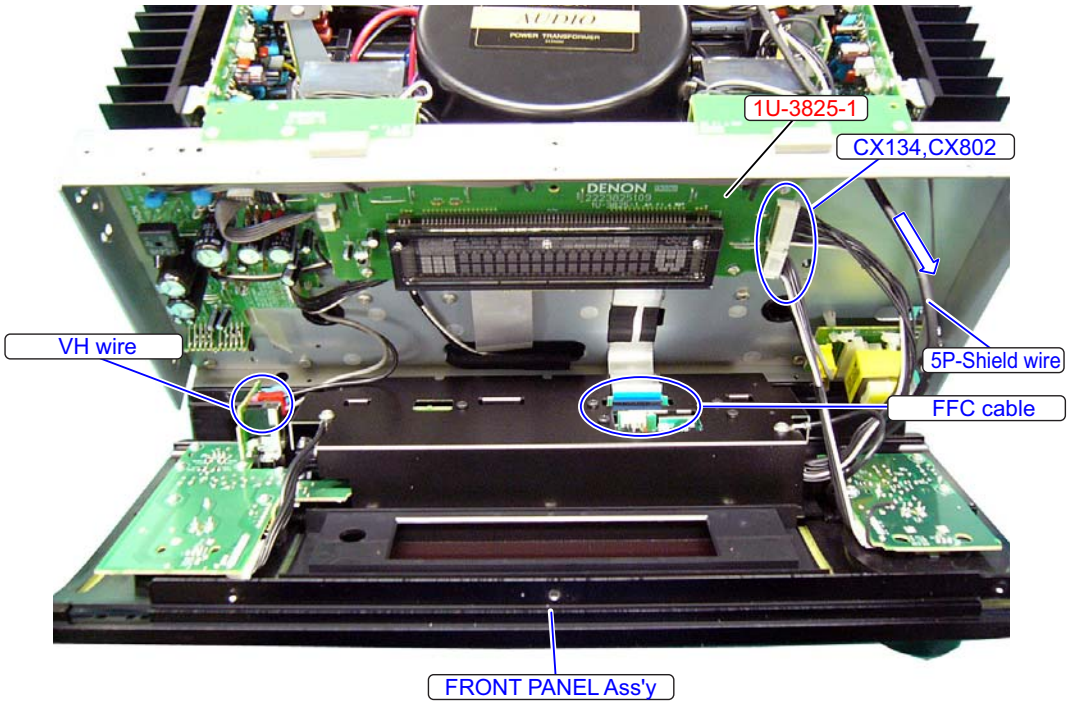
(2) Disconnect the CX530 5P-SHIELD WIRE on the 1U-3819 : ETHERNET UNIT.
(3) Remove 3 screws of top side.
(4) Tip the Front panel in the direction of the arrow.

(2) 1U-3819 : ETHERNET UNIT の CX530 5P- シールドワイヤーをはずします。
(3) 天面のねじ を 3 本をはずします。
(4) 矢印の方向にフロントパネルを傾けます。



(5) Draw the 5P-shield wire in the arrow direction.
(6) Disconnect the CX134,CX802 connector on the 1U-3825-1 : FLD UNIT.
(7) Disconnect FFC cable.
(8) Disconnect VH connector for Power switch. Detach the FRONT PANEL Ass'y.

(5) 5P シールドワイヤーを矢印方向に引き出します。
(6) 1U-3825-1 : FLD UNIT のコネクター (CX134,CX802) をはずします。
(7) FFC ケーブルをはずします。
(8) 電源スイッチの VH コネクターをはずして FRONT PANEL Ass'y をはずします。

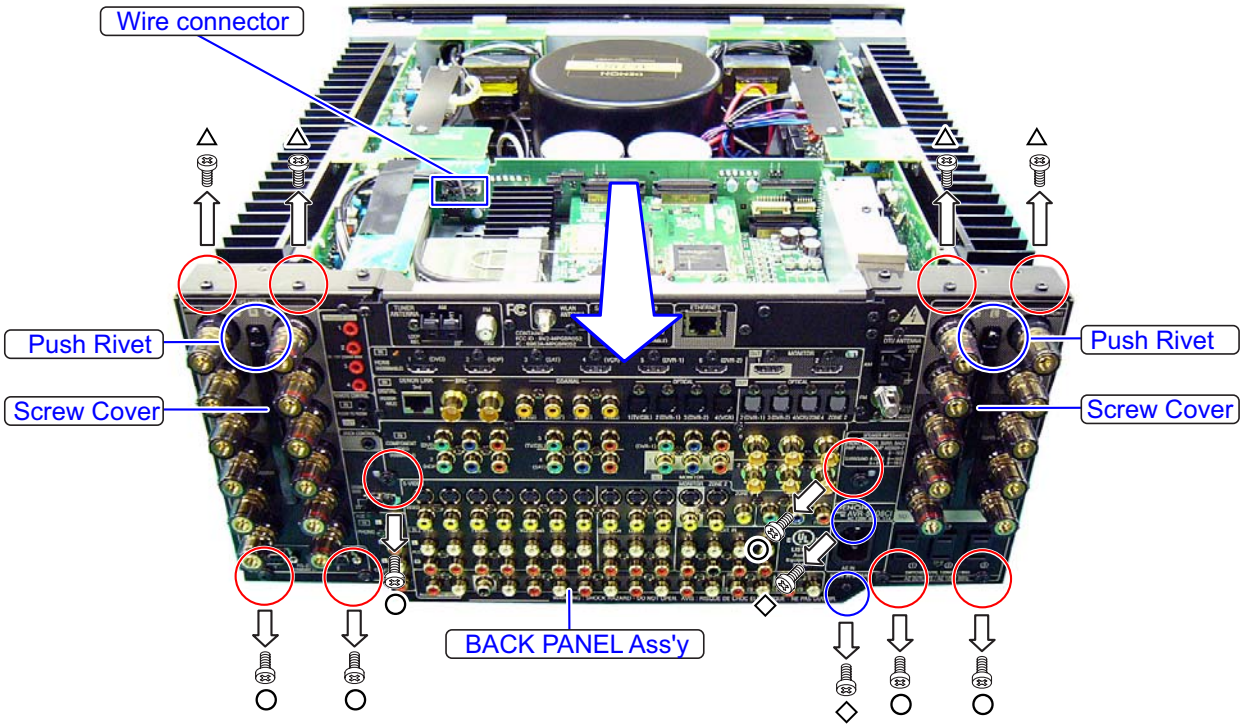


6. BACK PANEL ASS'Y

(1) Remove 4 screws △ of top side.
(2) Disconnect the Wire connector.
(3) Remove 2 Push Rivet. Detach the Screw Cover.
(4) Remove screw of the backside of Screw Cover. (Refer to the following page.)
(5) Remove 6 screws ○ fixing the Back Panel.
(6) Remove 2 screws ◇ fixing the AC INLET.
(7) Draw BACK PANEL Ass'y slowly.

6. BACK PANEL ASS'Y

(1) △ねじ 4 本をはずします。
(2) Wire Connector をはずします。
(3) Push Rivet を 2ヶ所はずし、Screw Cover を取り外します。
(4) 次ページを参考に Screw Cover の裏側のねじをはずします。
(5) ○ねじ 6 本をはずします。
(6) AC INLET の◇ねじ 2 本をはずします。
(7) BACK PANEL Ass'y をゆっくり引き出します。



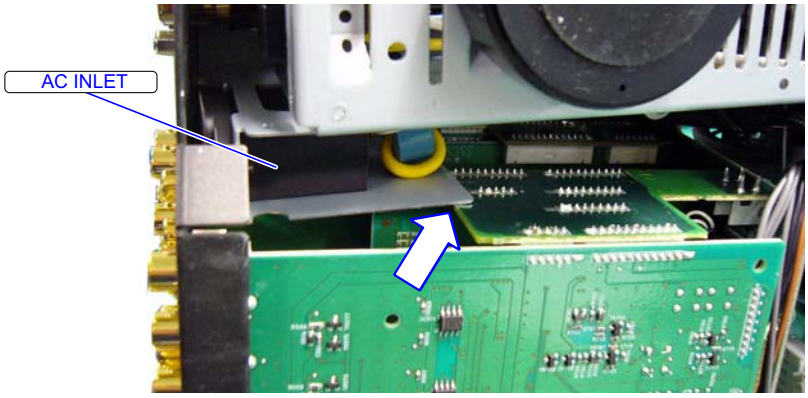
The position of the screw of the backside of Screw Cover.
(Right and left remove three screws together.)

Screw Cover の裏側のねじの位置
（左右ともにねじ 3 本をはずします。）



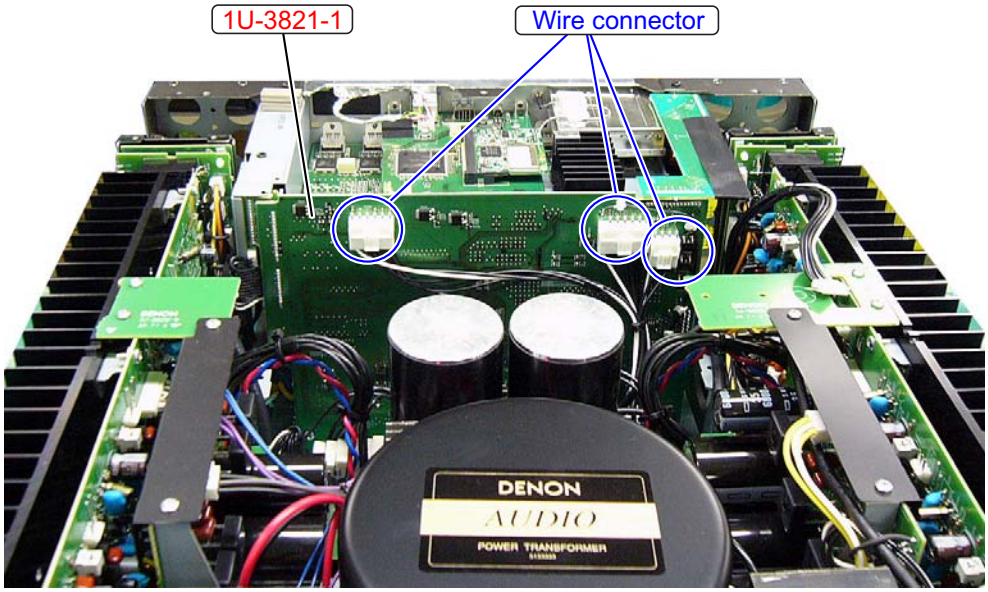
(8) Put up a set aside. Metal holder maintaining AC INLET go over P.W.B. board.

(8) セットを横に立てて AC INLET を保持している金具が基板の上を通るようにします。



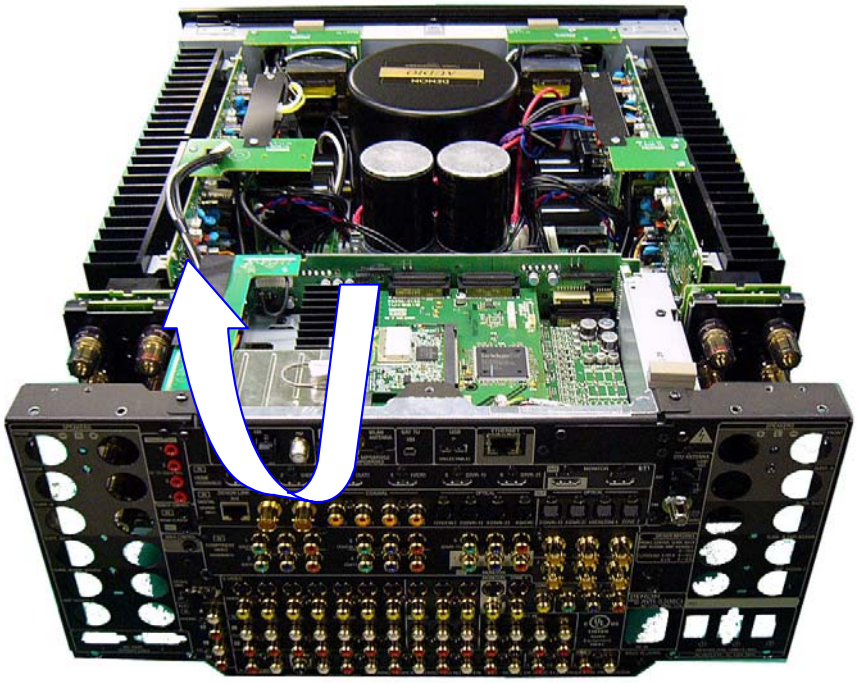
(9) Disconnect the Wire connector on the 1U-3821-1 : CPU UNIT.

(9) 1U-3821-1: CPU UNIT のワイヤーコネクターをはずします。



(10) Pull out Back Panel to lift it halfway.

(10) Back Panel は途中から持ち上げるように抜き取ります。

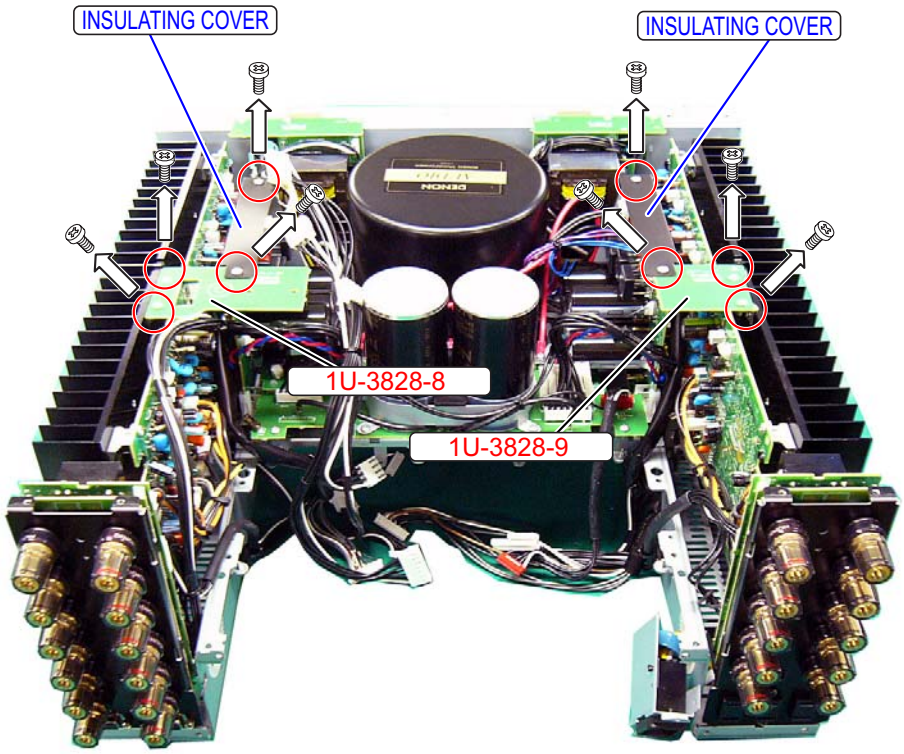


7. AMP (L) UNIT and AMP (R) UNIT

(1) Remove 8 screws. Detach the INSULATING COVER and 1U-3828-8 :R-SUPPLY JOINT UNIT ,1U-3828-9 :L-SUPPLY JOINT UNIT.

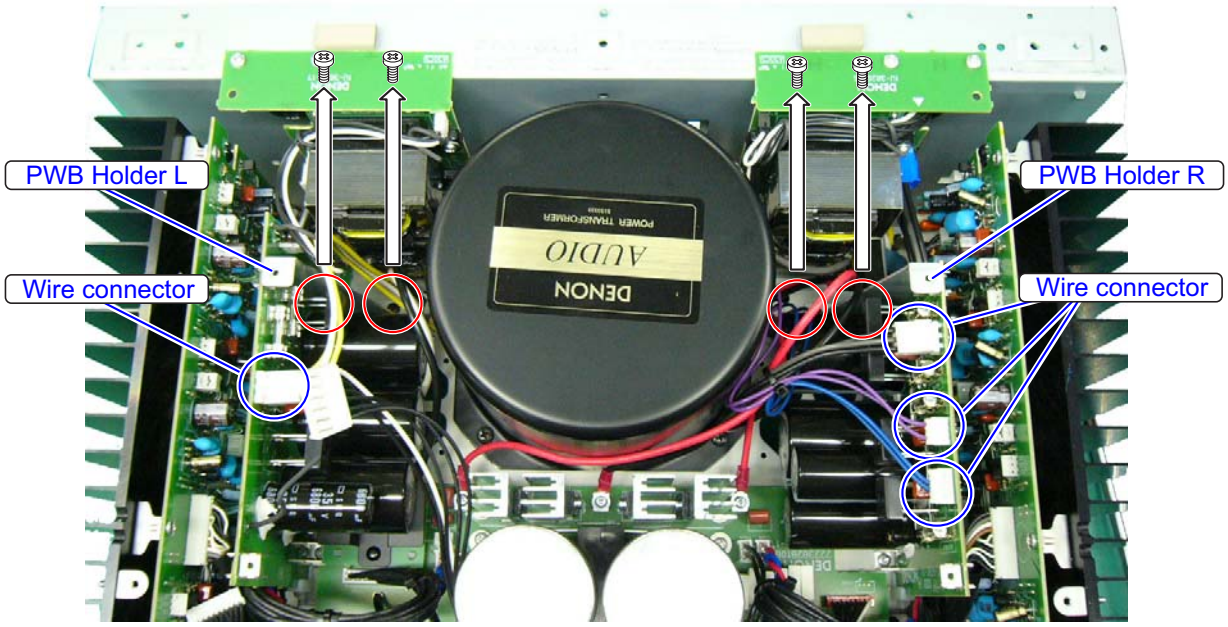
7. AMP (L) UNIT,AMP (R) UNIT

(1) ねじ 8 本をはずして INSULATING COVER と接続基板 1U-3828-8 : R-SUPPLY JOINT UNIT,1U-3828-9 : L-SUPPLY JOINT UNIT をはずします。



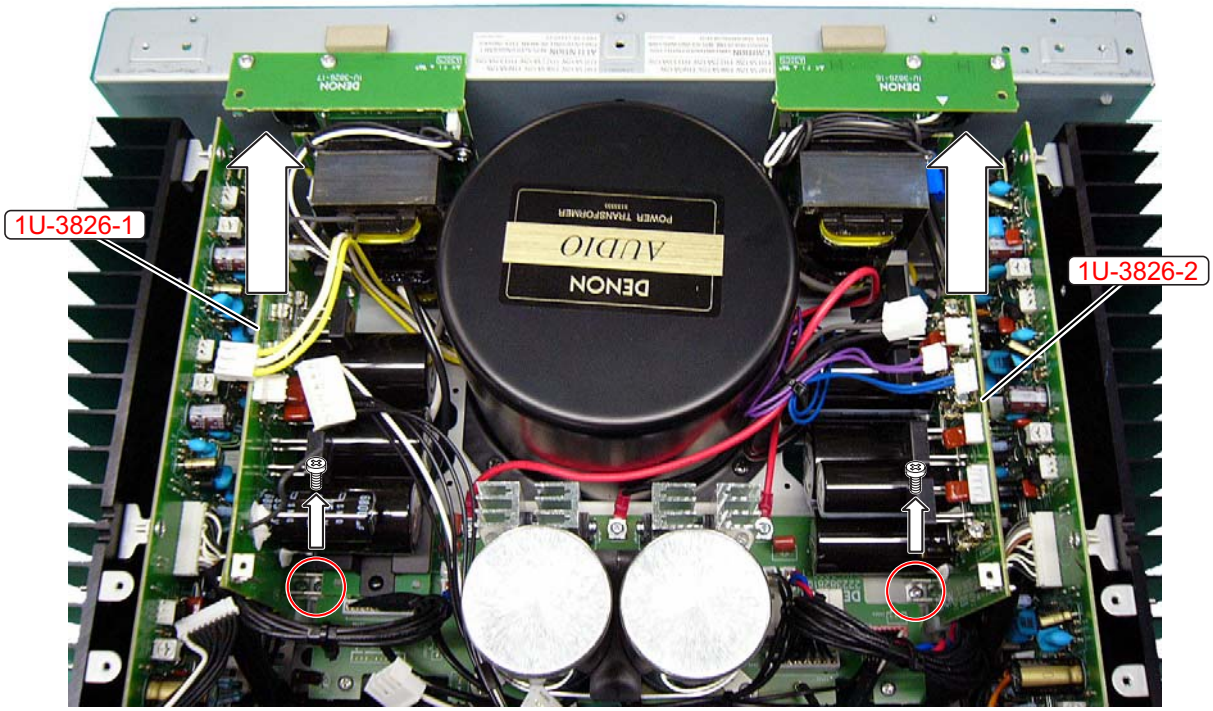
(2) Disconnect 4 Wire connectors.
(3) Remove 4 screws. Detach the PWB HOLDER L and R.

(2) ワイヤーコネクター 4 本をはずします。
(3) ねじ 4 本をはずして PWB HOLDER L,R を取り外します。



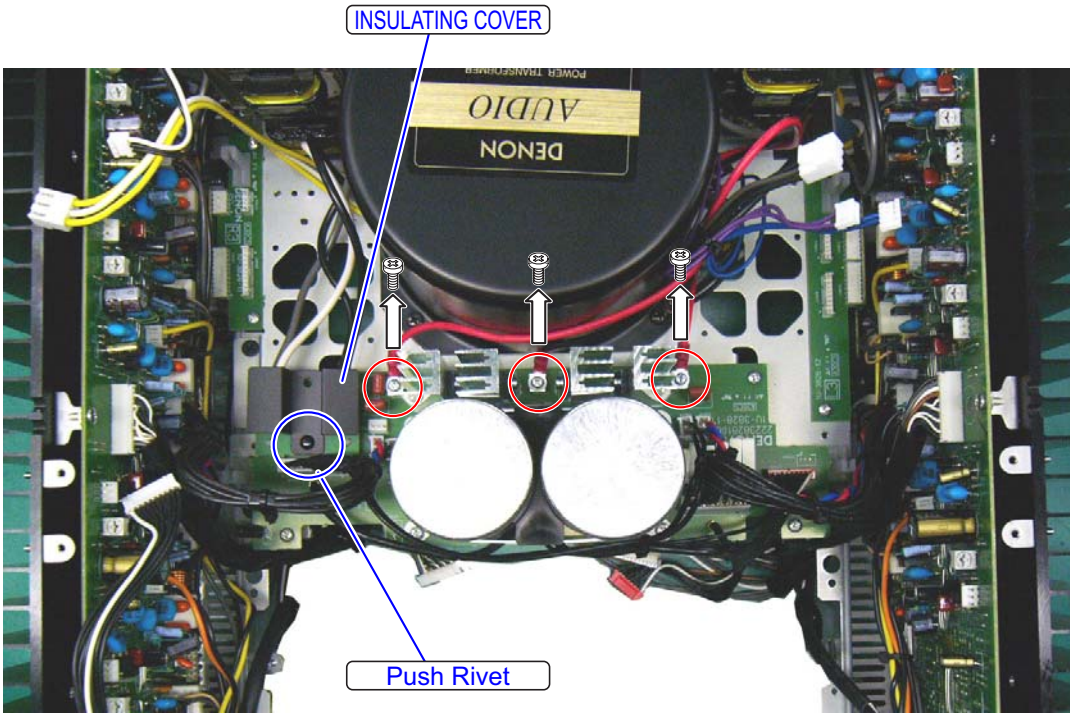
(4) Remove 2 screws.
(5) Detach the 1U-3826-1 : R BLOCKCON UNIT and 1U-3826-2 : L BLOCKCON UNIT in the direction of the arrow.

(4) ねじ 2 本をはずします。
(5) 1U-3826-1 : R BLOCKCON UNIT, 1U-3826-2 : L BLOCKCON UNIT を上に引き抜きます。



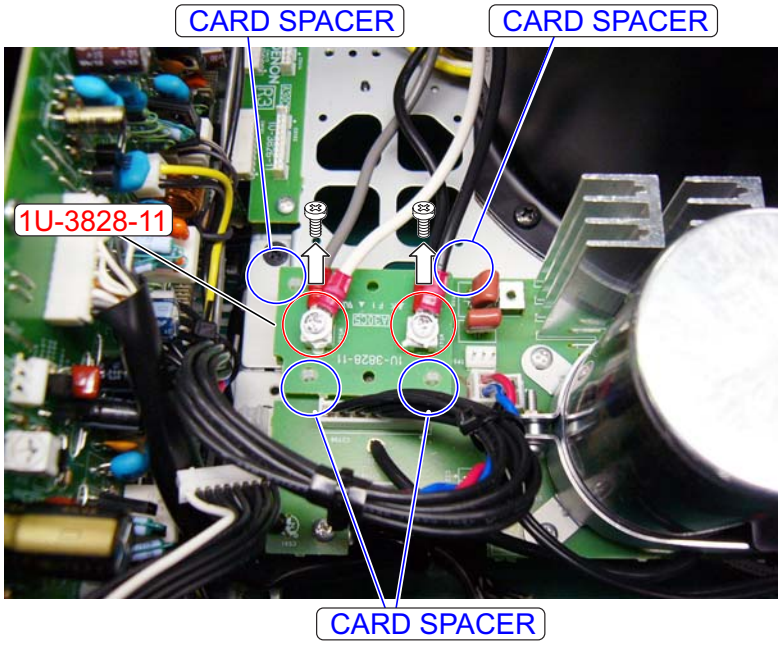
(6) Remove 3 screws fixing the wire .
(7) Remove Push Rivet. Detach the INSULATING COVER.

(6) ワイヤーを固定しているねじを 3 本はずします。
(7) Push Rivet をはずして、INSULATING COVER を取り外します。



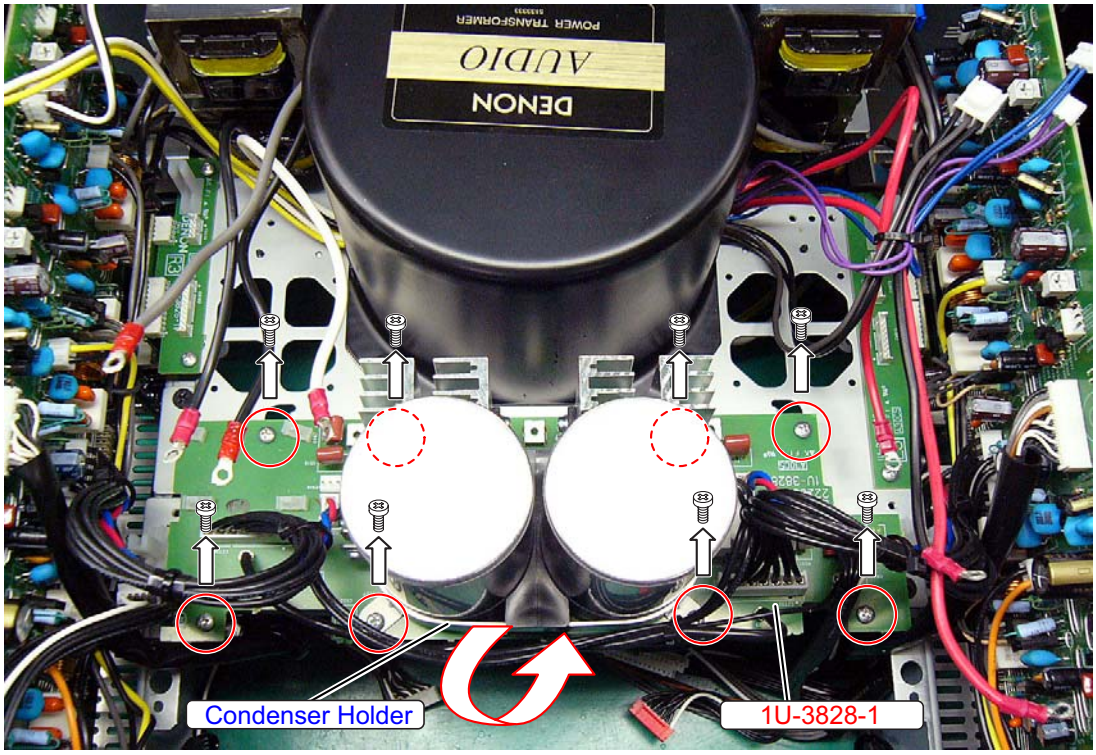
(8) Remove 2 screws fixing the wire .
(9) Unlock the 4 CARD SPACER. Detach the 1U-3828-11 : M3 UNIT.

(8) ワイヤーを固定しているねじを 2 本はずします。
(9) CARD SPACER のロックを 4ヶ所はずして、1U-3828-11 : M3 UNIT をはずします。



(10) Remove 8 screws fixing the 1U-3828-1 : AMP BLOCKCON UNIT and Condenser holder . Reverse the 1U-3828-1 .

(10) 1U-3828-1 : AMP BLOCKCON UNIT とコンデンサーホルダーを固定しているねじ 8 本をはずして基板を裏返します。



(11) I Remove soldering of connector(CZ738,CZ221,CZ731 and CZ208). Detach the 1U-3828-1 : AMP BLOCKCON UNIT.

(11) CZ738,CZ221,CZ731,CZ208 の半田をとってはずして 1U-3828-1 : AMP BLOCKCON UNIT 基板をはずします。

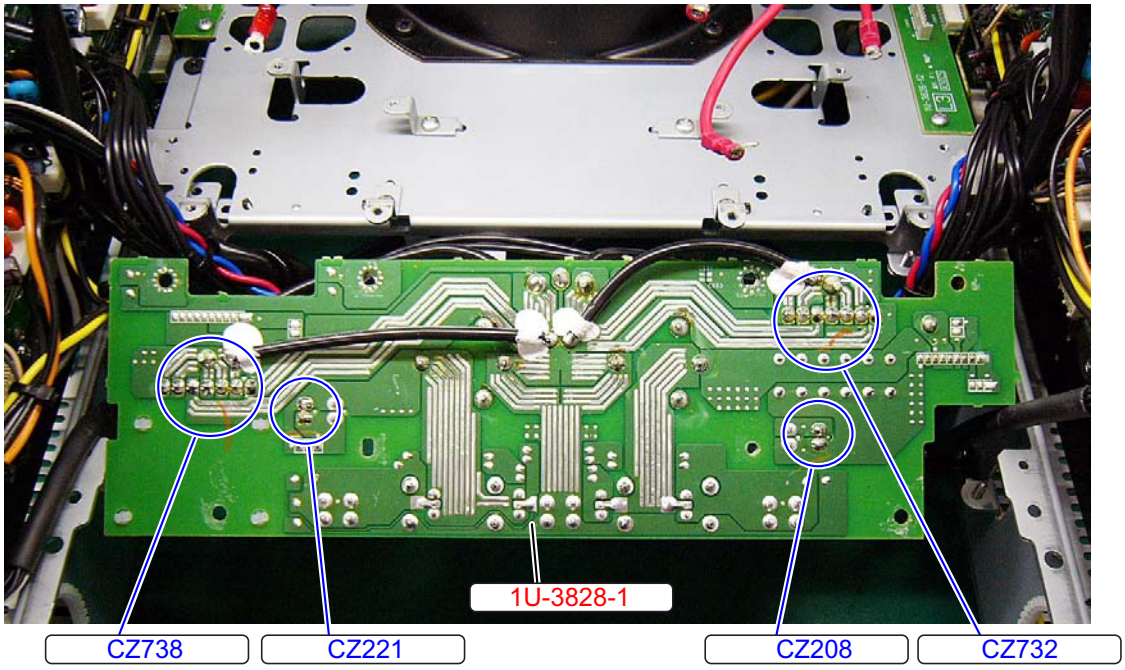
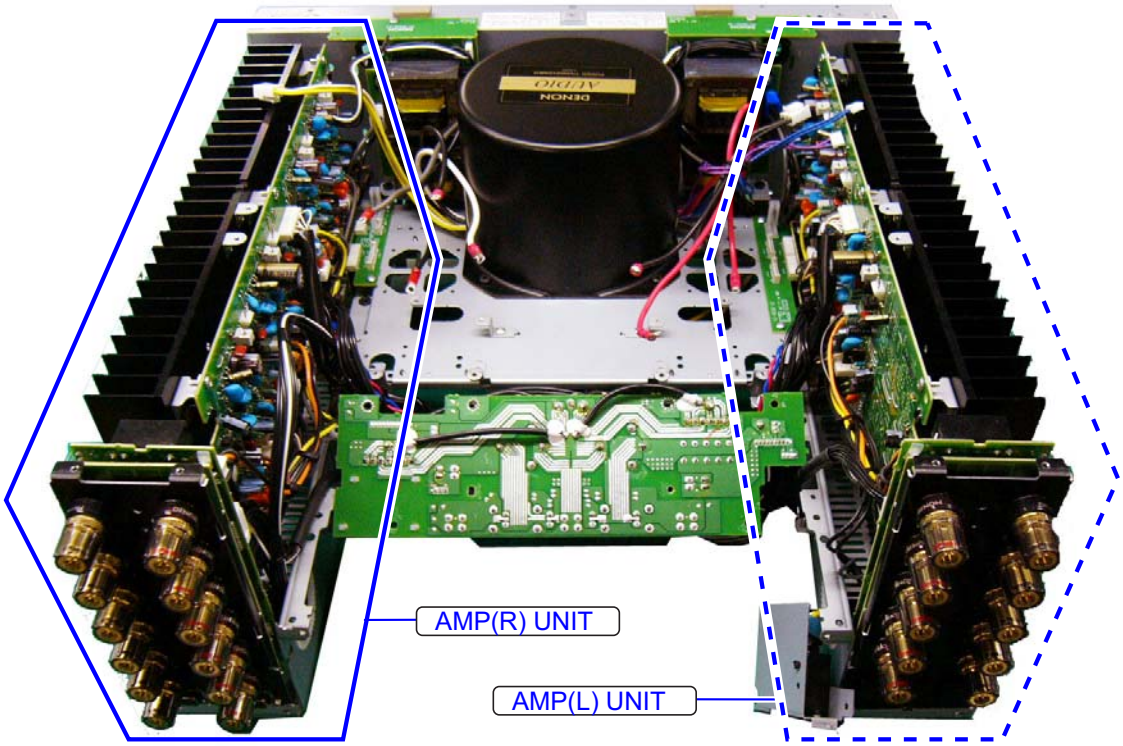


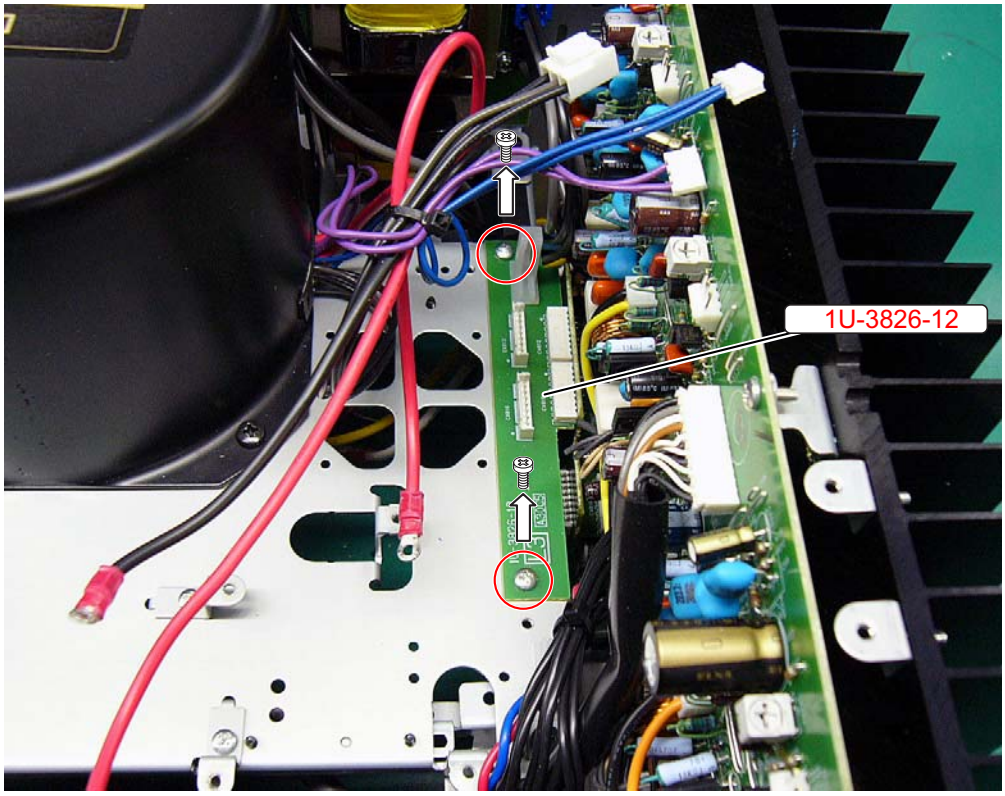
Figure of AMP (L) UNIT/AMP (R) UNIT .

AMP (L) UNIT/AMP (R) UNIT の形状



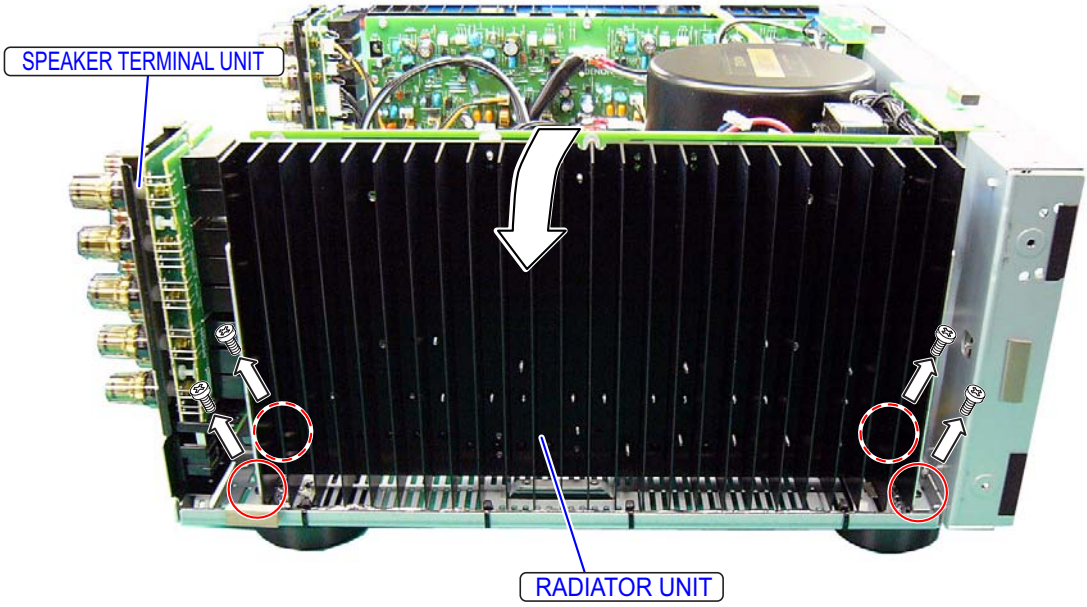
(12) Detach the AMP(L) UNIT.
(12-1) Remove 2 screws fixing the 1U-3826-12 : L SUPPLY JOINT-3 UNIT. (The board does not yet come off.)

(12) AMP (L) UNIT をはずします。
(12-1) 1U-3826-12 : L SUPPLY JOINT-3 UNIT を固定しているねじ 2 本をはずします。（基板はまだはずれません。）



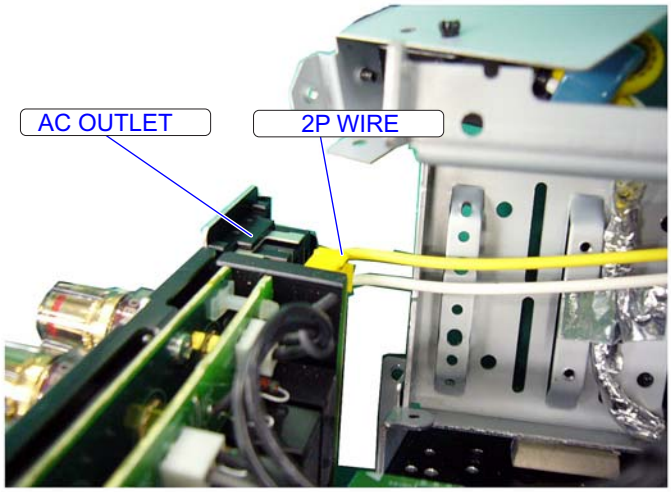
(12-2) Remove 4 screws . Remove RADIATOR UNIT and SPEAKER TERMINAL UNIT at the same time.

(12-2) ねじ 4 本をはずし、RADIATOR UNIT と SPEAKER TERMINAL UNIT を同時に取り外します。



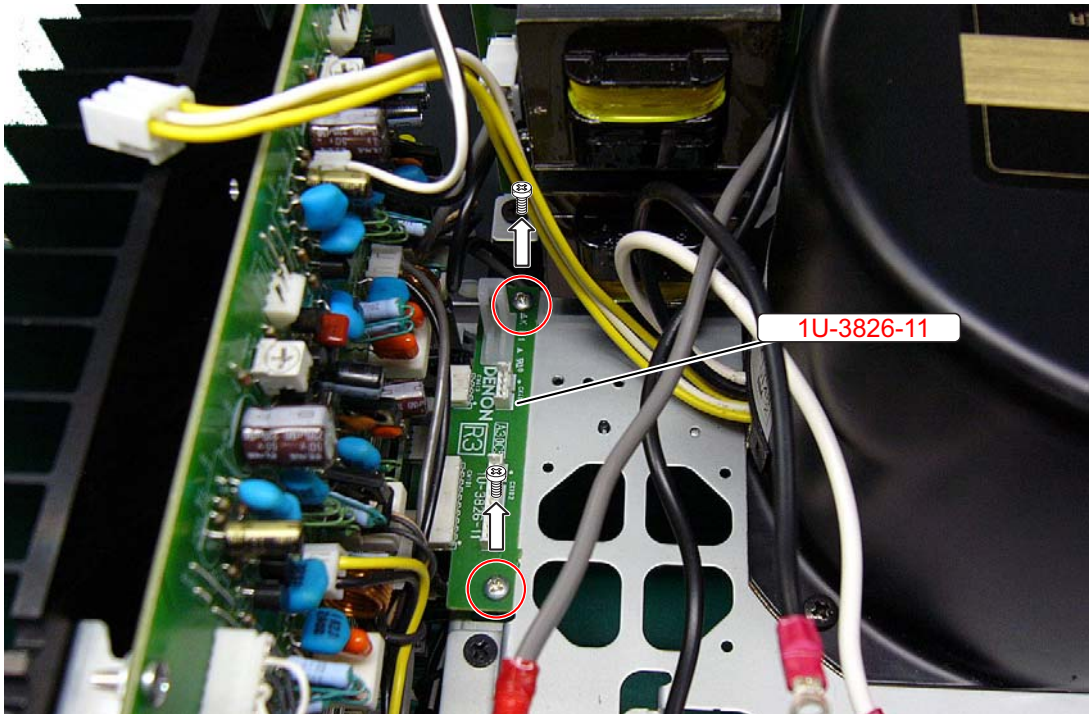
(12-3) Detach the 2P Wire of AC OUTLET.

(12-3) AC OUTLET の 2P ワイヤーをはずします。



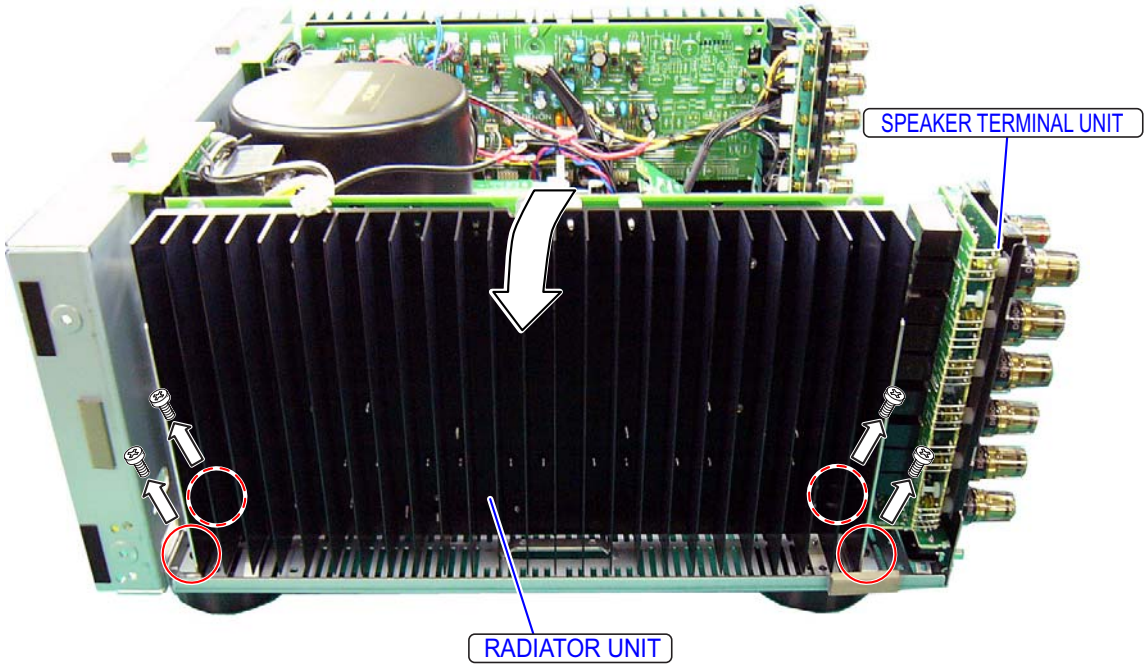
(13) Detach the AMP(R) UNIT.
(13-1) Remove 2 screws fixing the 1U-3826-11 :R SUPPLY JOINT-1 UNIT.(The board does not yet come off.)

(13) AMP (R) UNIT をはずします。
(13-1) 1U-3826-11 : R SUPPLY JOINT-1 UNIT を固定しているねじ 2 本をはずします。（基板はまだはずれません。）



(13-2) Remove 4 screws. Remove RADIATOR UNIT and SPEAKER TERMINAL UNIT at the same time.

(13-2) ねじ 4 本をはずし、RADIATOR UNIT と SPEAKER TERMINAL UNIT を同時に取り外します。

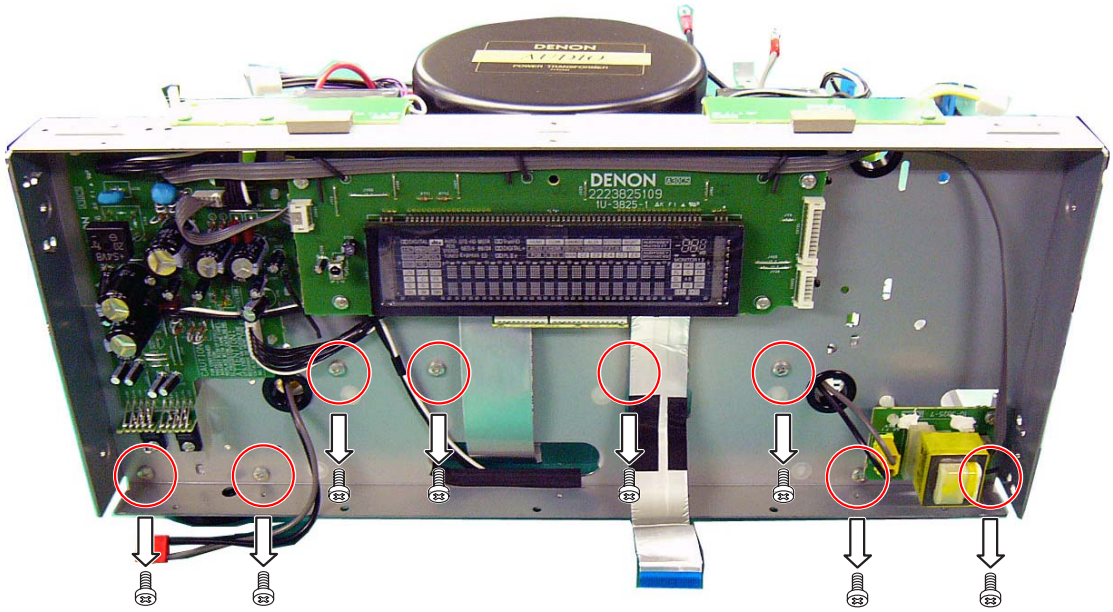


8. FRONT CHASSIS SUB ASS'Y

(1) Remove 8 screws fixing the FRONT CHASSIS.

8. FRONT CHASSIS SUB ASS'Y

(1) ねじ 8 本をはずし、FRONT CHASSIS をはずします。

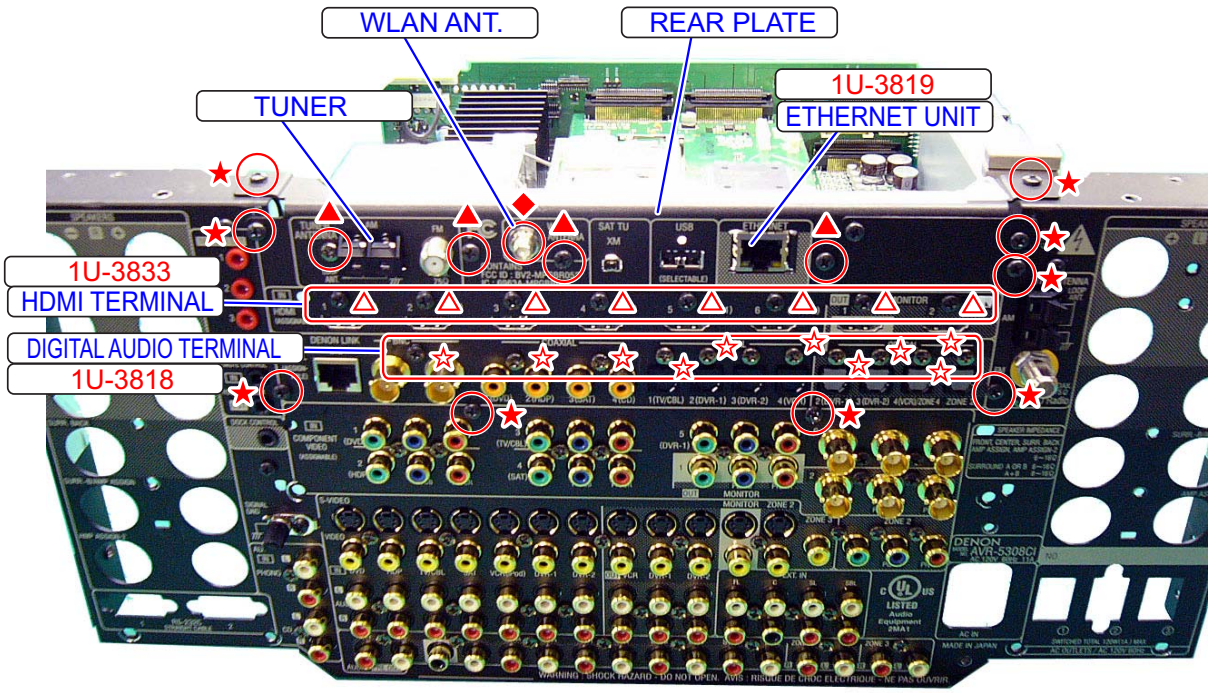


9. BACK PANEL SUB ASS'Y

(1) Remove 9 screws fixing the REAR PLATE.
(2) Remove 2 screws ▲ fixing the TUNER. Remove 2 screws ▲ fixing the 1U-3819 : ETHERNET UNIT. Remove Nut ◆ fixing the WLAN Antenna.
(3) Remove 8 screws △ fixing the HDMI Terminals.
(4) Remove 11 screws ★ fixing the Digital Audio Terminals.
(5) Detach the REAR PLATE.
(6) Pull out the 1U-3819 : ETHERNET UNIT,1U-3833 : DIGITAL VIDEO UNIT and 1U-3818 : DIGITAL AUDIO UNIT.

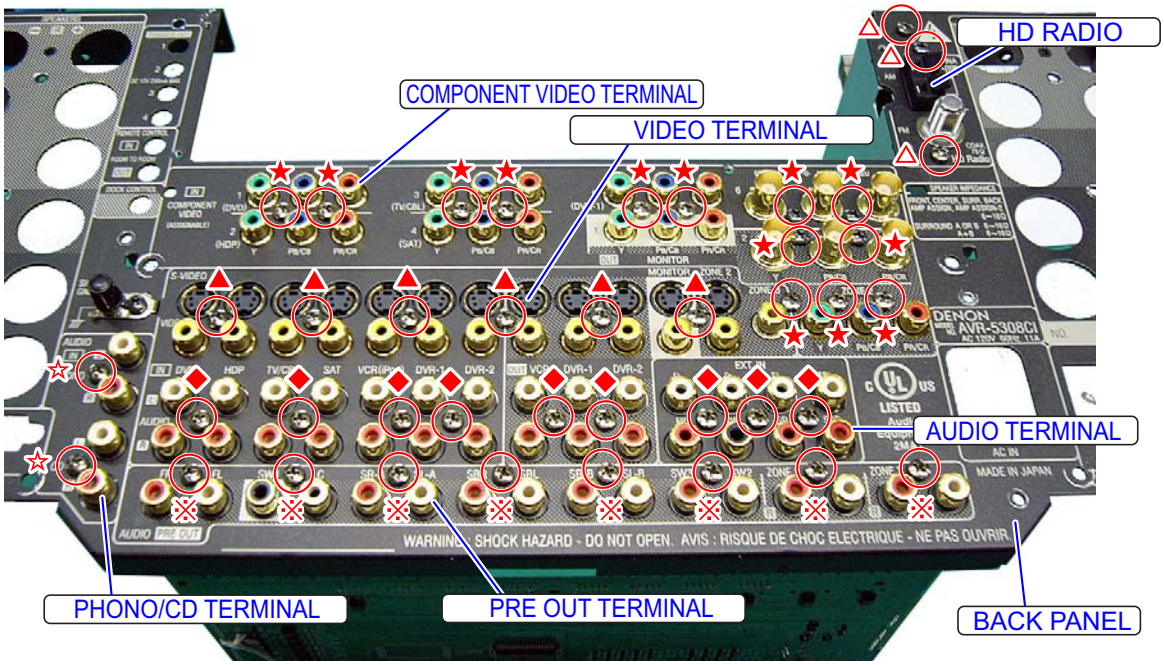
9. BACK PANEL SUB ASS'Y

(1) REAR PLATE を固定しているねじ 9 本をはずします。
(2) TUNER 固定ねじ▲ 2 本、1U-3819 : ETHERNET UNIT 固定ねじ▲ 2 本、WLAN アンテナのナット◆をはずします。
(3) HDMI 端子のねじ△ 8 本をはずします。
(4) Digital Audio 端子のねじ★ 11 本をはずします。
(5) REAR PLATE をはずします。
(6) 1U-3819 : ETHERNET UNIT,1U-3833 : DIGITAL VIDEO UNIT,1U-3818 : DIGITAL AUDIO UNIT 基板を抜き取ります。



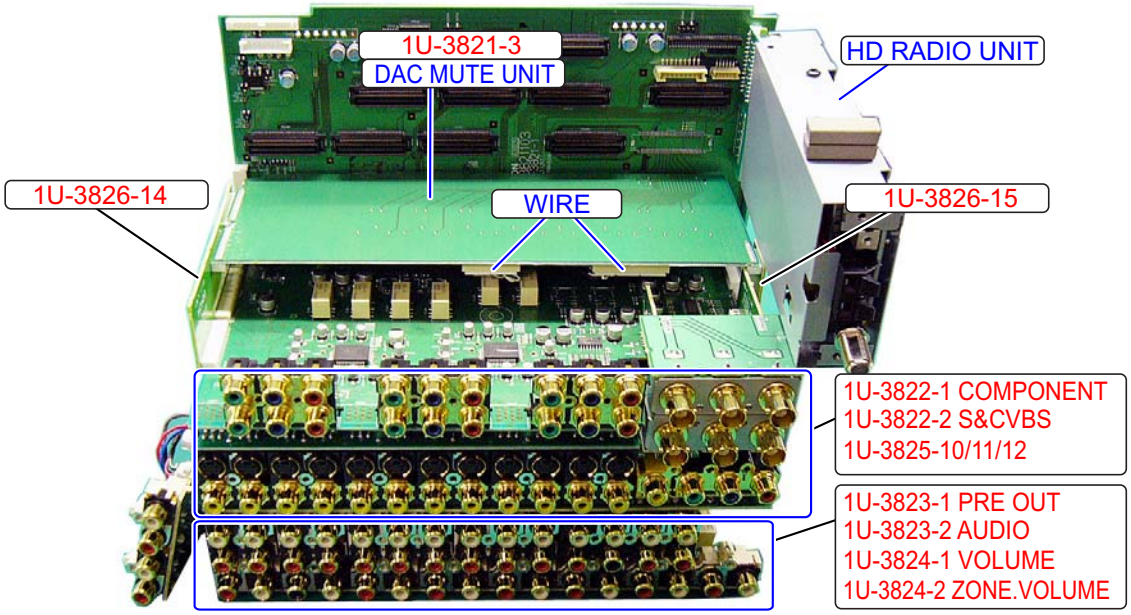
(7) Remove 3 screws △ fixing the HD RADIO.
(8) Remove 13 screws ★ fixing the COMPONENT VIDEO Terminals.
(9) Remove 6 screws ▲ fixing the ANALOG VIDEO Terminals.
(10) Remove 9 screws ◆ fixing the ANALOG AUDIO Terminals.
(11) Remove 8 screws ※ fixing the PRE OUT Terminals.
(12) Remove 2 screws ☆ fixing the PHONO/CD Terminals.
(13) Detach the BACK PANEL.

(7) HD RADIO を固定しているねじ△ 3 本をはずします。
(8) COMPONENT VIDEO 端子のねじ★ 13 本をはずします。
(9) ANALOG VIDEO 端子のねじ▲ 6 本をはずします。
(10) ANALOG AUDIO 端子のねじ◆ 9 本をはずします。
(11) PRE OUT 端子のねじ※ 8 本をはずします。
(12) PHONO/CD 端子のねじ☆ 2 本をはずします。
(13) BACK PANEL をはずします。



(14) Detach the HD RADIO UNIT.
(15) Detach the 1U-3821-3 : DAC MUTE UNIT.
(15-1) Detach the 1U-3826-14 and 1U-3826-15.
(15-2) Disconnect 2 Wire connector. Detach the 1U-3821-3 : DAC MUTE UNIT.
(16) Detach the P.W.B. Ass'y of 1U-3822-1 : COMPONENT UNIT,1U-3822-2 : S&CVBS UNIT and 1U-3825-10/-11/-12.
(17) Remove 2 screws of the backside of 1U-3821-1 : CPU UNIT.
(18) Detach the P.W.B. Ass'y of 1U-3823-1 : PRE OUT UNIT,1U-3823-2 : AUDIO IN UNIT,1U-3824-1 : VOLUME UNIT and 1U-3824-2 : ZONE VOLUME UNIT.

(14) HD RADIO UNIT をはずします。
(15) 1U-3821-3 : DAC MUTE UNIT をはずします。
(15-1) 1U-3826-14,1U-3826-15 をはずします。
(15-2) ワイヤー2 本をはずして 1U-3821-3 : DAC MUTE UNIT をはずします。
(16) 1U-3822-1 : COMPONENT UNIT,1U-3822-2 : S&CVBS UNIT,1U-3825-10/-11/-12 の基板 ASS'Y をはずします。
(17) 1U-3821-1 : CPU UNIT の裏側のねじ 2 本をはずします。
(18) 1U-3823-1 : PRE OUT UNIT,1U-3823-2 : AUDIO IN UNIT,1U-3824-1 : VOLUME UNIT,1U-3824-2 : ZONE VOLUME UNIT の基板 ASS'Y をはずします。

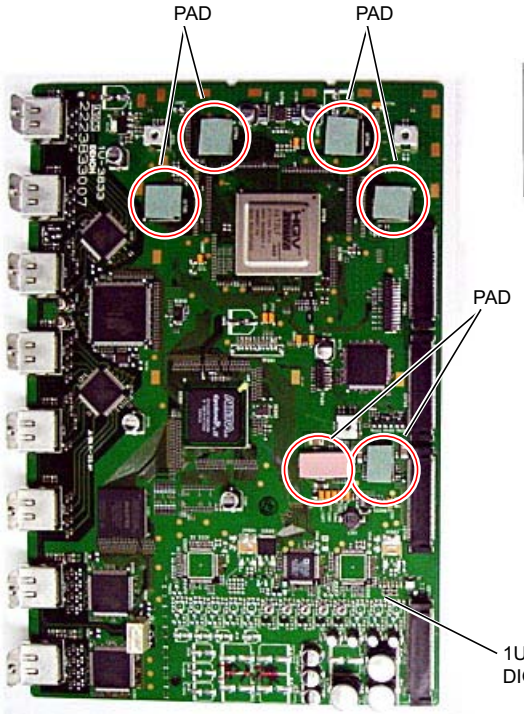


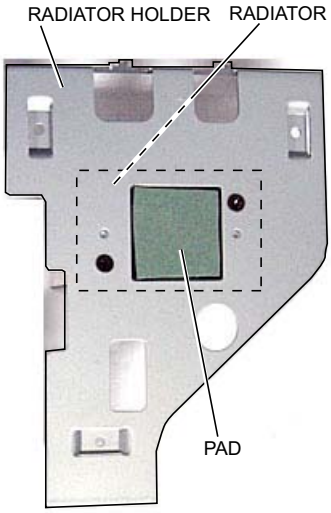
● Matters that require attention of the assembling at the time of the repair.

1. Attention when assemble RADIATOR HOLDER on 1U-3833:DIGITAL VIDEO UNIT.

(1) Paste up the PAD for heat conduction on the IC and the RADIATOR.

※ Check nothing is dust on the surface of the PAD.





(2) Check nothing is chink between the PAD and the parts, after attach the RADIATOR HOLDER to the 1U-3833 :DIGITAL VIDEO UNIT.

(3) It is a regular state that is short-circuited No.30 pin and GND (No.29 or No.31 pin) of the IC710 on the 1U-3833:DIGITAL VIDEO UNIT .



● 修理時の組み立て注意点

1. 1U-3833 : DIGITAL VIDEO 基板に RADIATOR HOLDER を取り付ける時の注意

(1) IC と RADIATOR に熱伝導用 PAD が貼ってあること。

※ PAD の表面に異物の付着が無いこと。

(2) 1U-3833 : DIGITAL VIDEO 基板に RADIATOR HOLDER を取り付けた後に PAD と部品に隙間がないか確認のこと。

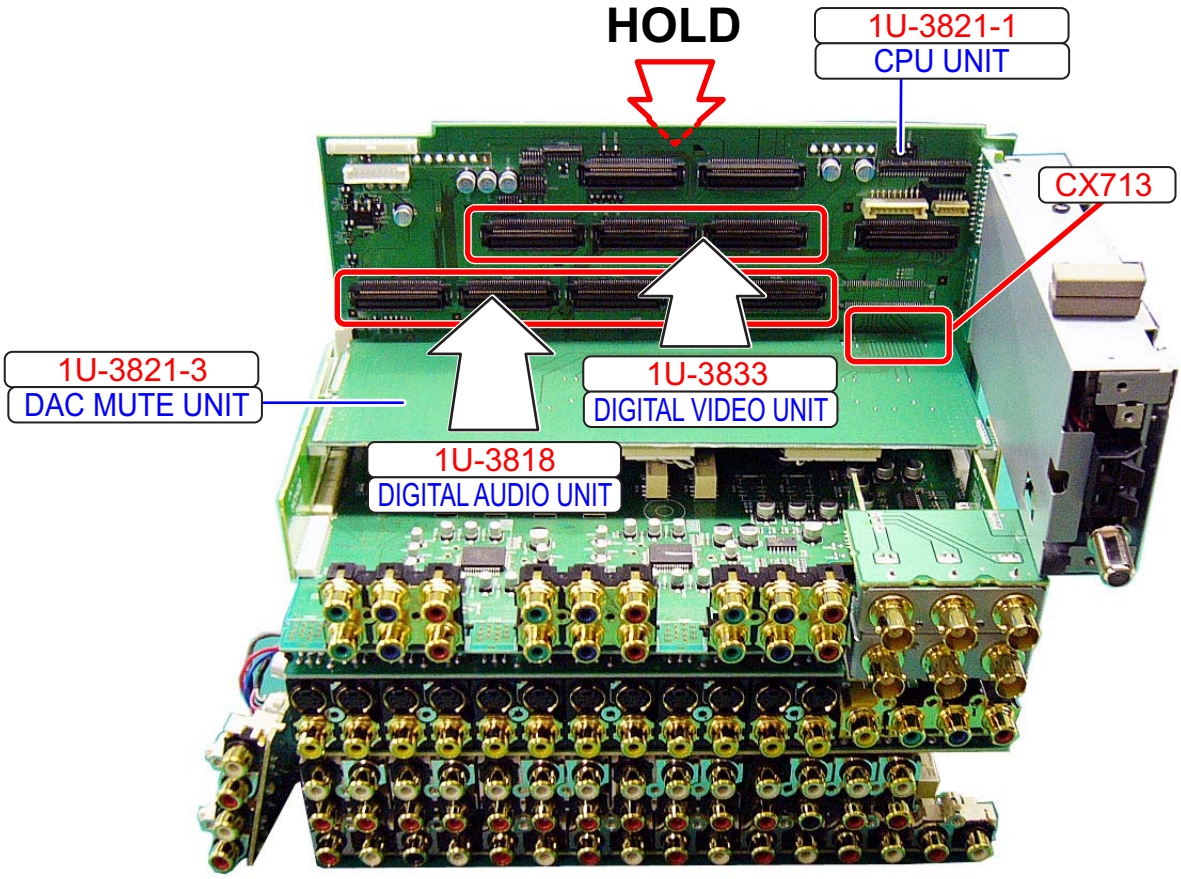
(3) 1U-3833 : DIGITAL VIDEO 基板：IC710 の No.30 ピンと GND(No.29 または No.31 ピン) が短絡されているのは正規な状態です。

2. Attention when assemble 1U-3818:DIGITAL AUDIO UNIT and 1U-3833:DIGITAL VIDEO UNIT on 1U-3821-1:CPU UNIT.

(1) Hold the 1U-3821-1:CPU UNIT so that the connector CX713 on the 1U-3821-3:DAC MUTE UNIT is unstable. Then connect the 1U-3818:DIGITAL AUDIO UNIT and the 1U-3833:DIGITAL VIDEO UNIT to connector.

2. 1U-3818 : DIGITAL AUDIO 基板と 1U-3833 : DIGITAL VIDEO 基板を 1U-3821-1 : CPU 基板に取り付ける時の注意

(1) 1U-3821-3 : DAC MUTE 基板のコネクター CX713 に浮きが発生しないように 1U-3821-1 : CPU 基板を押えながら 1U-3818 : DIGITAL AUDIO 基板と 1U-3833 : DIGITAL VIDEO 基板をコネクターに差し込んでください。



CHECK WITH TEST MODE

µcom/DSP Error Display Mode

1. Operation Spec

µcom version display mode:

When the following conditions are satisfied at its starting state, error information is displayed before version information.

Starting method (same as µcom version display):

While pressing 2 buttons, "STATUS " and "MONITOR SELECT ", turn on Power switch.

Then, press "STATUS" button to display the following information on the FL Display.

2. Display Order

Error information → Destination information → Main-µcom version information → Sub-µcom version information → DSP version information

3. Display

Any one of the following list is displayed, in the priority of ①②③④⑤⑥..

Condition	State	Display
① Sub-µcom NG	No response from Sub-µcom	"□ SUB □□ ERROR □01□"
② DIR NG	No response from DIR	"□ DIR □□ ERROR □01□"
③ DSP1 NG	When DSP boot, executing DSP reset makes no change to BUSY port "L".	"□ DSP1□ ERROR □01□"
	No change to BUSY port "L" before issuing DSP command.	"□ DSP1□ ERROR □02□"
	When DSP data read, executing WRITE="L" makes no change to ACK="H".	"□ DSP1□ ERROR □03□"
	When DSP data read, executing REQ="L" makes no change to ACK="L".	"□ DSP1□ ERROR □04□"
	When DSP data write, executing WRITE="H" makes no change to ACK="H".	"□ DSP1□ ERROR □05□"
	When DSP data write, executing REQ="L" makes no change to ACK="L".	"□ DSP1□ ERROR □06□"
	When DSP special code boot, executing DSP reset makes no change to BUSY port "L".	"□ DSP1□ ERROR □11□"
	No change to BUSY port "L" before issuing DSP special read command.	"□ DSP1□ ERROR □12□"
	No change to BUSY port "L" before DSP version read.	"□ DSP1□ ERROR □13□"
④ DSP2 NG	When DSP boot, executing DSP reset makes no change to BUSY port "L".	"□ DSP2□ ERROR □01□"
	No change to BUSY port "L" before issuing DSP command.	"□ DSP2□ ERROR □02□"
	When DSP data read, executing WRITE="L" makes no change to ACK="H".	"□ DSP2□ ERROR □03□"
	When DSP data read, executing REQ="L" makes no change to ACK="L".	"□ DSP2□ ERROR □04□"
	When DSP data write, executing WRITE="H" makes no change to ACK="H".	"□ DSP2□ ERROR □05□"
	When DSP data write, executing REQ="L" makes no change to ACK="L".	"□ DSP2□ ERROR □06□"
	When DSP special code boot, executing DSP reset makes no change to BUSY port "L".	"□ DSP2□ ERROR □11□"
	No change to BUSY port "L" before issuing DSP special read command.	"□ DSP2□ ERROR □12□"
	No change to BUSY port "L" before DSP version read.	"□ DSP2□ ERROR □13□"
⑤ DSP3 NG	When DSP boot, executing DSP reset makes no change to BUSY port "L".	"□ DSP3□ ERROR □01□"
	No change to BUSY port "L" before issuing DSP command.	"□ DSP3□ ERROR □02□"
	When DSP data read, executing WRITE="L" makes no change to ACK="H".	"□ DSP3□ ERROR □03□"
	When DSP data read, executing REQ="L" makes no change to ACK="L".	"□ DSP3□ ERROR □04□"
	When DSP data write, executing WRITE="H" makes no change to ACK="H".	"□ DSP3□ ERROR □05□"
	When DSP data write, executing REQ="L" makes no change to ACK="L".	"□ DSP3□ ERROR □06□"
	When DSP special code boot, executing DSP reset makes no change to BUSY port "L".	"□ DSP3□ ERROR □11□"
	No change to BUSY port "L" before issuing DSP special read command.	"□ DSP3□ ERROR □12□"
	No change to BUSY port "L" before DSP version read.	"□ DSP3□ ERROR □13□"
⑥ Both SUB/DSP OK		(No error display, version display only)

テストモードによるチェック方法

マイコン・DSP エラー表示モード

1. 動作仕様

マイコンバージョン表示モード :

起動状態にて下記の条件に該当した場合は、バージョン情報表示の前にエラー情報を表示します。

起動方法 (マイコンバージョン表示と同様):

"STATUS", "MONITOR SELECT" の 2 つのボタンを押した状態で、電源スイッチを押して電源を入れます。
その後、"STATUS" ボタンを押すと下表の内容が FL Display に表示されます。

2. 表示順序

エラー情報 → 仕向地表示 → メインマイコンバージョン情報 → サブマイコンバージョン情報
→ DSP バージョン情報

3. 表示条件

下表のいずれかを表示します。表示の優先順は、①②③④⑤⑥。

条件	状態	表示内容
①SUB マイコンが NG	SUB マイコンからの応答がない	"□ＳＵＢ□□ＥＲＲＯＲ□０１□"
②DIR が NG	DIR からの応答がない	"□ＤＩＲ□□ＥＲＲＯＲ□０１□"
③DSP 1 が NG	DSP コードブート時、DSP リセットを実行しても BUSY ポートが "L" にならない	"□ＤＳＰ１□ＥＲＲＯＲ□０１□"
	DSP コマンド発行前に、BUSY ポートが "L" にならない	"□ＤＳＰ１□ＥＲＲＯＲ□０２□"
	DSP データリード時、WRITE="L" としても ACK="H" とならない	"□ＤＳＰ１□ＥＲＲＯＲ□０３□"
	DSP データリード時、REQ="L" としても ACK="L" とならない	"□ＤＳＰ１□ＥＲＲＯＲ□０４□"
	DSP データライト時、WRITE="H" としても ACK="H" とならない	"□ＤＳＰ１□ＥＲＲＯＲ□０５□"
	DSP データライト時、REQ="L" としても ACK="L" とにならない	"□ＤＳＰ１□ＥＲＲＯＲ□０６□"
	DSP スペシャルコードブート時、DSP リセットを実行しても BUSY ポートが "L" にならない	"□ＤＳＰ１□ＥＲＲＯＲ□１１□"
	DSP スペシャルリードコマンド発行前に、BUSY ポートが "L" にならない	"□ＤＳＰ１□ＥＲＲＯＲ□１２□"
	DSP バージョンリード前に、BUSY ポートが "L" にならない	"□ＤＳＰ１□ＥＲＲＯＲ□１３□"
④DSP 2 が NG	DSP コードブート時、DSP リセットを実行しても BUSY ポートが "L" にならない	"□ＤＳＰ２□ＥＲＲＯＲ□０１□"
	DSP コマンド発行前に、BUSY ポートが "L" にならない	"□ＤＳＰ２□ＥＲＲＯＲ□０２□"
	DSP データリード時、WRITE="L" としても ACK="H" とならない	"□ＤＳＰ２□ＥＲＲＯＲ□０３□"
	DSP データリード時、REQ="L" としても ACK="L" とならない	"□ＤＳＰ２□ＥＲＲＯＲ□０４□"
	DSP データライト時、WRITE="H" としても ACK="H" とならない	"□ＤＳＰ２□ＥＲＲＯＲ□０５□"
	DSP データライト時、REQ="L" としても ACK="L" とにならない	"□ＤＳＰ２□ＥＲＲＯＲ□０６□"
	DSP スペシャルコードブート時、DSP リセットを実行しても BUSY ポートが "L" にならない	"□ＤＳＰ２□ＥＲＲＯＲ□１１□"
	DSP スペシャルリードコマンド発行前に、BUSY ポートが "L" にならない	"□ＤＳＰ２□ＥＲＲＯＲ□１２□"
	DSP バージョンリード前に、BUSY ポートが "L" にならない	"□ＤＳＰ２□ＥＲＲＯＲ□１３□"
⑤DSP 3 が NG	DSP コードブート時、DSP リセットを実行しても BUSY ポートが "L" にならない	"□ＤＳＰ３□ＥＲＲＯＲ□０１□"
	DSP コマンド発行前に、BUSY ポートが "L" にならない	"□ＤＳＰ３□ＥＲＲＯＲ□０２□"
	DSP データリード時、WRITE="L" としても ACK="H" とならない	"□ＤＳＰ３□ＥＲＲＯＲ□０３□"
	DSP データリード時、REQ="L" としても ACK="L" とならない	"□ＤＳＰ３□ＥＲＲＯＲ□０４□"
	DSP データライト時、WRITE="H" としても ACK="H" とならない	"□ＤＳＰ３□ＥＲＲＯＲ□０５□"
	DSP データライト時、REQ="L" としても ACK="L" とにならない	"□ＤＳＰ３□ＥＲＲＯＲ□０６□"
	DSP スペシャルコードブート時、DSP リセットを実行しても BUSY ポートが "L" にならない	"□ＤＳＰ３□ＥＲＲＯＲ□１１□"
	DSP スペシャルリードコマンド発行前に、BUSY ポートが "L" にならない	"□ＤＳＰ３□ＥＲＲＯＲ□１２□"
	DSP バージョンリード前に、BUSY ポートが "L" にならない	"□ＤＳＰ３□ＥＲＲＯＲ□１３□"
⑥SUB/DSP 共に OK		(表示せずにバージョン表示を行う)

ADJUSTMENT

AUDIO Section

IDLING CURRENT (1U-3827-1,6)

Required measurement equipment: DC Voltmeter

1. PREPARATION

(1) Avoid direct blow from an air conditioner or an electric fan, and adjust the unit at normal room temperature 15 °C ~ 30 °C (59 °F ~ 86 °F).

(2) Presetting

- POWER (Power source switch) OFF
- SPEAKER (Speaker terminal) No load
  (Do not connect speaker, dummy resistor, etc.)

2. ADJUSTMENT

(1) Remove Top cover.
Set VR201,203,204 on 1U-3827-1 : P.AMP(L) Unit and VR401,402,403,404 on 1U-3827-6 : P.AMP(R) Unit at fully counterclockwise (↺).

(2) Connect DC Voltmeter to test points (① ③pin of TP201,202,203 and TP401,402,403,404).

(3) Connect power cord to AC Line, and turn power switch "ON".

(4) Turn power switch "ON" with pressing [STANDARD] and [HOME THX CINEMA] buttons in the door of front panel.

(5) Presetting.

- MASTER VOLUME : "---" counterclockwise (↺min.)
- SPEAKER (Speaker terminal) : No load
  (Do not connect speaker, dummy resistor, etc.)
  MODE : 9CH STEREO
  FUNCTION : CD

(6) Allow 2 minutes, and turn VR201 clockwise (↻) to adjust the TEST POINT voltage to

3.5 mV ± 0.2 mV DC.

(7) After 10 minutes from preset, turn VR201 to set the voltage to

4.0 mV ± 0.2 mV DC.

(8) Adjust the Variable Resistors of other channels in the same way.

(9) After 5 minutes from (7), turn VR201 to set the voltage to

4.0 m ± 0.2 mV DC.

(10) Adjust the Variable Resistors of other channels in the same way.

調整

オーディオセクション

アイドリング電流の調整 (1U-3827-1,6)

調整に必要な測定器： DC Voltmeter

1. 準備

(1) セットをクーラ、扇風機のそばなど風通しの良い場所を避け、通常の使用状態に置きます。セットの周囲温度は 15 ～ 30 ℃、湿度は常湿とします。

(2) プリセット

- 電源スイッチ OFF
- スピーカー端子 無負荷
  (スピーカー・ダミー抵抗器などを接続しない。)

2. 調整

(1) トップカバーをはずし、1U-3827-1 : P.AMP(L) ユニットの VR201,203,204 と 1U-3827-6 : P.AMP(R) ユニットの VR401,402,403,404 を反時計方向 (↺) に回し切った状態にセットします。

(2) テストポイント (TP201,202,203 と TP401,402,403,404 の ① ③pin) に DC Voltmeter を接続します。

(3) 電源コードを AC ライン（95 ～ 105V の範囲であること）に接続し、電源スイッチを "ON" にします。

(4) フロントパネルのドア内にある「STANDARD」ボタンと「HOME THX CINEMA」ボタンを押しながら電源スイッチを "ON" にします。

(5) ON 後、次のようにセットします。

- MASTER VOLUME（音量調節つまみ）→反時計方向 (↺) に回す、最小の状態にする。
- SPEAKER（スピーカー端子）→無負荷
  （スピーカー、ダミー抵抗器などを接続しない。）
  MODE : 9CH STEREO
  FUNCTION : CD

(6) 2 分以内に VR201 を時計方向 (↻) に回しテストポイントの電圧を次のように調整します。

3.5mV ± 0.2mV DC

(7) 予備調整から 10 分後 VR201 を回し、次のように電圧を設定します。

4.0mV ± 0.2mV DC

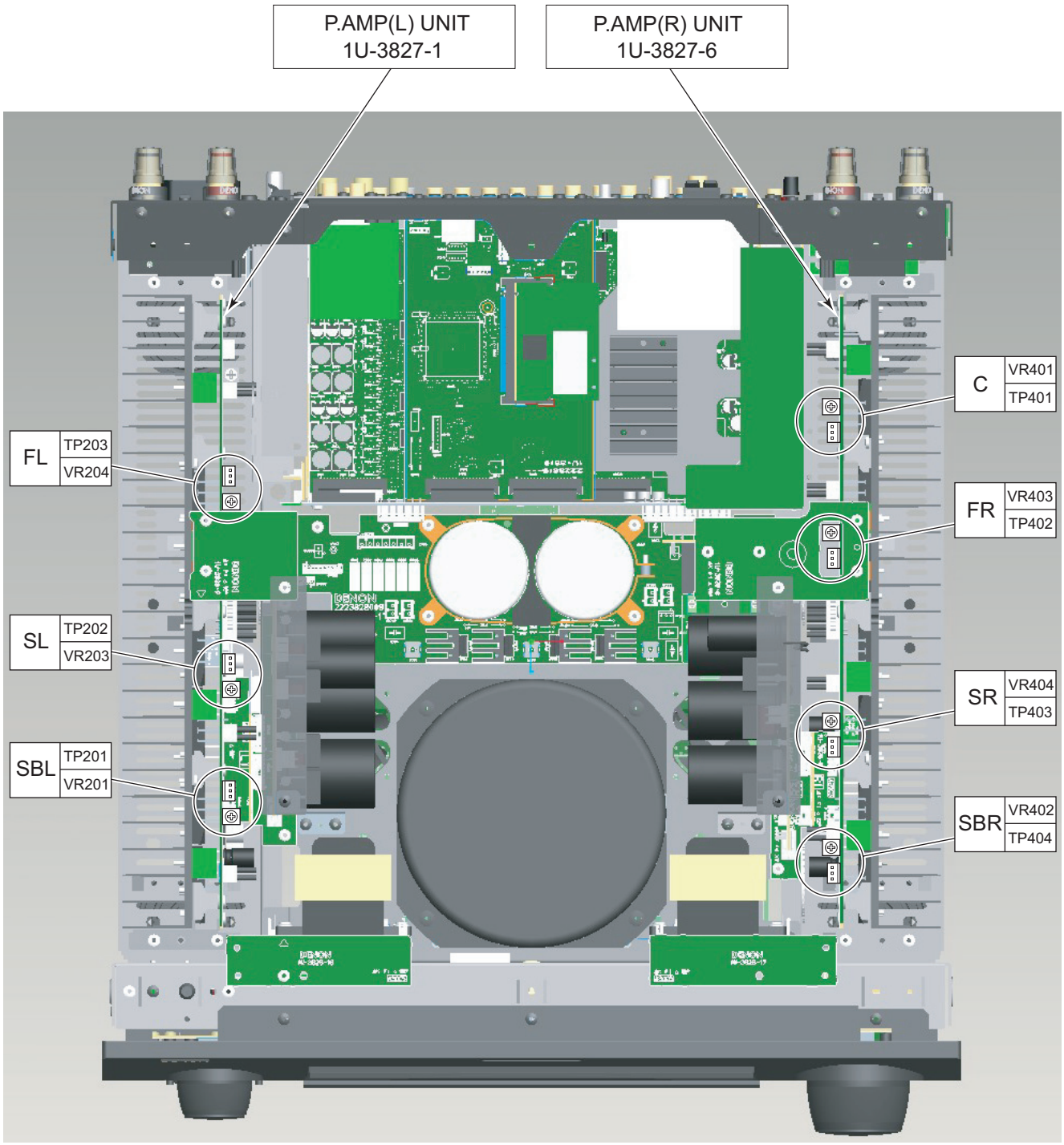
(8) 同じ方法で各チャネルの可変抵抗を調整します。

(9) (7) 項設定から 5 分後 VR201 を回し、次のように電圧を設定します。

4.0mV ± 0.2mV DC

(10) 同じ方法で各チャネルの可変抵抗を調整します。

Position of Test point and Adjustment volume.　　テストポイントと調整ボリュームの位置



VIDEO Section

I. MAIN ZONE

1. SETTING

(1) Connect the oscilloscope to the Y-signal and C-signal of S MONITOR OUT terminal and each terminate at 75 Ohms.

(2) Connect the oscilloscope to the Y-signal, P_B-signal and C_B-signal, P_R-signal and C_R-signal of COMPONENT MONITOR OUT2 terminal and each terminate at 75 Ohms.
※ **Use the 75 Ohms resistance must be 1%**

(3) DVD test disc : DVDT-S01 or VT-502

(4) COMPONENT VIDEO OUT of DVD player is connected to COMPONENT IN-5.

2. BEFORE ADJUSTMENT

2.1. Setting the Oscilloscope as below.

(1) P_B/C_B, P_R/C_R, C

(a) TIME/DIV : 10μs

(b) VOLT/DIV : 100mV (Use the probe : x10)

(2) Y

(a) TIME/DIV : 10μs

(b) VOLT/DIV : 200mV (Use the probe : x10)

Power on. Power Supply : 120V(U.S.A.)
230V(Europe)
100V(Japan)

2.2. Setup the DVD player and confirmation of the stators

(1) Set to "INTERLACED" mode at the COMPONENT OUT.

(2) Confirm the DVD player's out put level is equal as the item 2.4. in following.

2.3. Preparation

(1) Connect power cord to AC Line, and turn power switch "ON".

(2) Turn the FUNCTION knob to select "VCR/iPOD" input.

(3) Push [OPEN/CLOSE] button of DVD player, then open the Disc Tray.
Set DVD test disc on the Disc Tray, and then push [CLOSE] button.

(4) DVD player FL display appear "STOP", push [PLAY] button to playback DVD.

(5) Push the [DISPLAY] button of remote control of DVD player unit and then appear the ON-Screen Display (GUI) on the monitor TV.

(6) [DVD test disc : DVDT-S01]
Push the [+10] and [2] button, select Title 12 of DVD.
[DVD test disc : VT-502]
Push the [0] and [3] button, select Title 3 of DVD.

(7) [DVD test disc : DVDT-S01]
Push the [ENTER] button, playback Title 12.
(color bar 75%)
[DVD test disc : VT-502]
Push the [ENTER] button, playback Title 3.
(color bar 100%)

ビデオセクション

I. MAIN ZONE

1. セッティング手順

(1) セットの S MONITOR OUT 端子から Y 信号と C 信号をそれぞれオシロスコープ（終端抵抗：75Ω）に接続します。

(2) セットの COMPONENT MONITOR OUT2 の端子（Y, P_B/C_B, P_R/C_R）をそれぞれオシロスコープ（終端抵抗：75Ω）に接続します。
※ **75Ω 抵抗は 1%品を使用する事。**

(3) DVD テストディスク：DVDT-S01 または VT-502 を用意します。

(4) DVD プレーヤーの COMPONENT VIDEO OUT を COMPONENT IN-5 に接続します。

2. 調整のまえに

2.1. オシロスコープを下記に設定

(1) P_B/C_B, P_R/C_R, C

(a) TIME/DIV : 10μs

(b) VOLT/DIV : 100mV （プローブ x10 使用）

(2) Y

(a) TIME/DIV : 10μs

(b) VOLT/DIV : 200mV （プローブ x10 使用）

電源電圧 : 100V（日本）

2.2. DVD プレーヤの設定と確認

(1) COMPONENT OUT の設定を " インターレース " にします。

(2) DVD プレーヤーの出力が以下 2.4. に合っていることを確認します。

2.3. 準備手順

(1) 電源コードを AC ラインに接続し、電源スイッチを "ON" にします。

(2) FUNCTION ノブを回し、入力を "VCR/iPOD" に切り替えます。

(3) DVD プレーヤーの「OPEN/CLOSE」ボタンを押しトレイを開き、トレイ上に DVD テストディスクをセット後、「CLOSE」ボタンを押します。

(4) DVD プレーヤーの表示管上に "STOP" が表示されてから、「PLAY」ボタンを押し、ディスクを再生します。

(5) DVD プレーヤーのリモコンの「DISPLAY」ボタンを押しグラフィカル・ユーザー・インターフェイス (GUI) 画面を出します。

(6) ［DVD テストディスク：DVDT-S01 の場合］番号ボタンの「 +10 」,「 2 」ボタンを押し、Title 12 を選択します。 ［DVD テストディスク：VT-502 の場合］ 番号ボタンの「 0 」,「 3 」ボタンを押し、Title 3 を選択します。

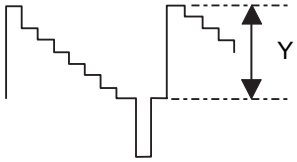
(7) ［DVD テストディスク：DVDT-S01 の場合］
「ENTER」ボタンを押し、Title 12 を再生します。
（75%カラーバー信号）
［DVD テストディスク：VT-502 の場合］
「ENTER」ボタンを押し、Title 3 を再生します。
（100%カラーバー信号）

2.4. Procedure

(1) Adjust the signal of S MONITOR OUT by the wave of oscilloscope.

(a) Target, Y-signal

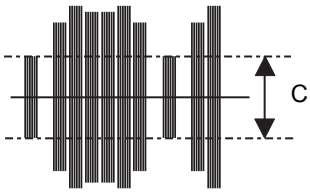
Point : 1U-3833-1 VR504
Adjustment Value : 714 ± 14mV
Waveform



Y-signal of S MONITOR OUT

(b) Target, C-signal

Point : 1U-3833-1 VR505
Adjustment Value : 286 ± 5mV
Waveform

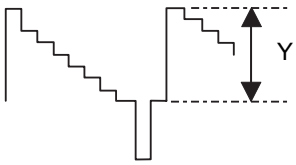


C-signal of S-MONITOR

(2) Adjust the signal of COMPONENT OUT by the wave of oscilloscope.

(a) Target, Y-signal

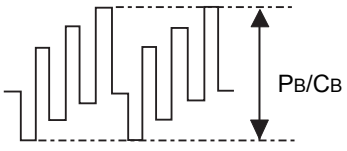
Point : 1U-3833-1 VR506
Adjustment Value : 714 ± 14mV
Waveform



Y-signal COMPONENT OUT

(b) Target, PB/CB-signal

Point : 1U-3833-1 VR507
Adjustment Value : *525 ± 10mV (DVDT-S01)
*700 ± 14mV (VT-502)
Waveform



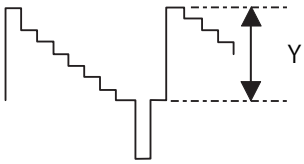
PB/CB-signal COMPONENT OUT

2.4. 手順

(1) セットの S MONITOR OUT の信号レベルをオシロスコープ上の波高値で調整します。

(a) Y 信号レベル

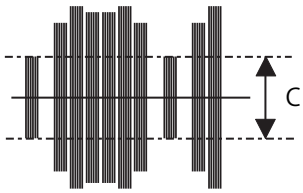
調整個所 : 1U-3833-1 VR504
調整値 : 714 ± 14mV
波形



S MONITOR OUT の Y 信号レベル

(b) C 信号レベル

調整個所 : 1U-3833-1 VR505
調整値 : 286 ± 5mV
波形

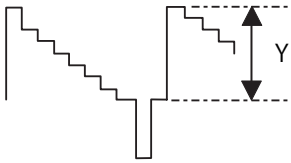


S MONITOR の C 信号レベル

(2) COMPONENT OUT の信号レベルをオシロスコープ上の波高値で調整します。

(a) Y 信号レベル

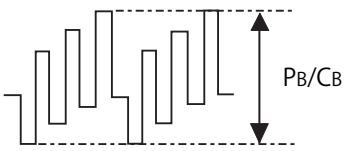
調整個所 : 1U-3833-1 VR506
調整値 : 714 ± 14mV
波形



COMPONENT OUT の Y 信号レベル

(b) PB/CB 信号レベル

調整個所 : 1U-3833-1 VR507
調整値 : 525 ± 10mV (DVDT-S01)
700 ± 14mV (VT-502)
波形



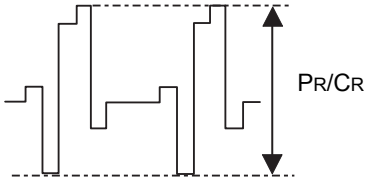
COMPONENT OUT の PB/CB 信号レベル

(c) Target, PR/CR-signal

Point : 1U-3833-1 VR508

Adjustment Value : *525 ± 10mV (DVDT-S01)
*700 ± 14mV (VT-502)

Waveform



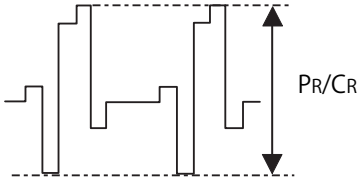
PR/CR-signal COMPONENT OUT

(c) PR/CR 信号レベル

調整個所 : 1U-3833-1 VR508

調整値 : 525 ± 10mV (DVDT-S01)
700 ± 14mV (VT-502)

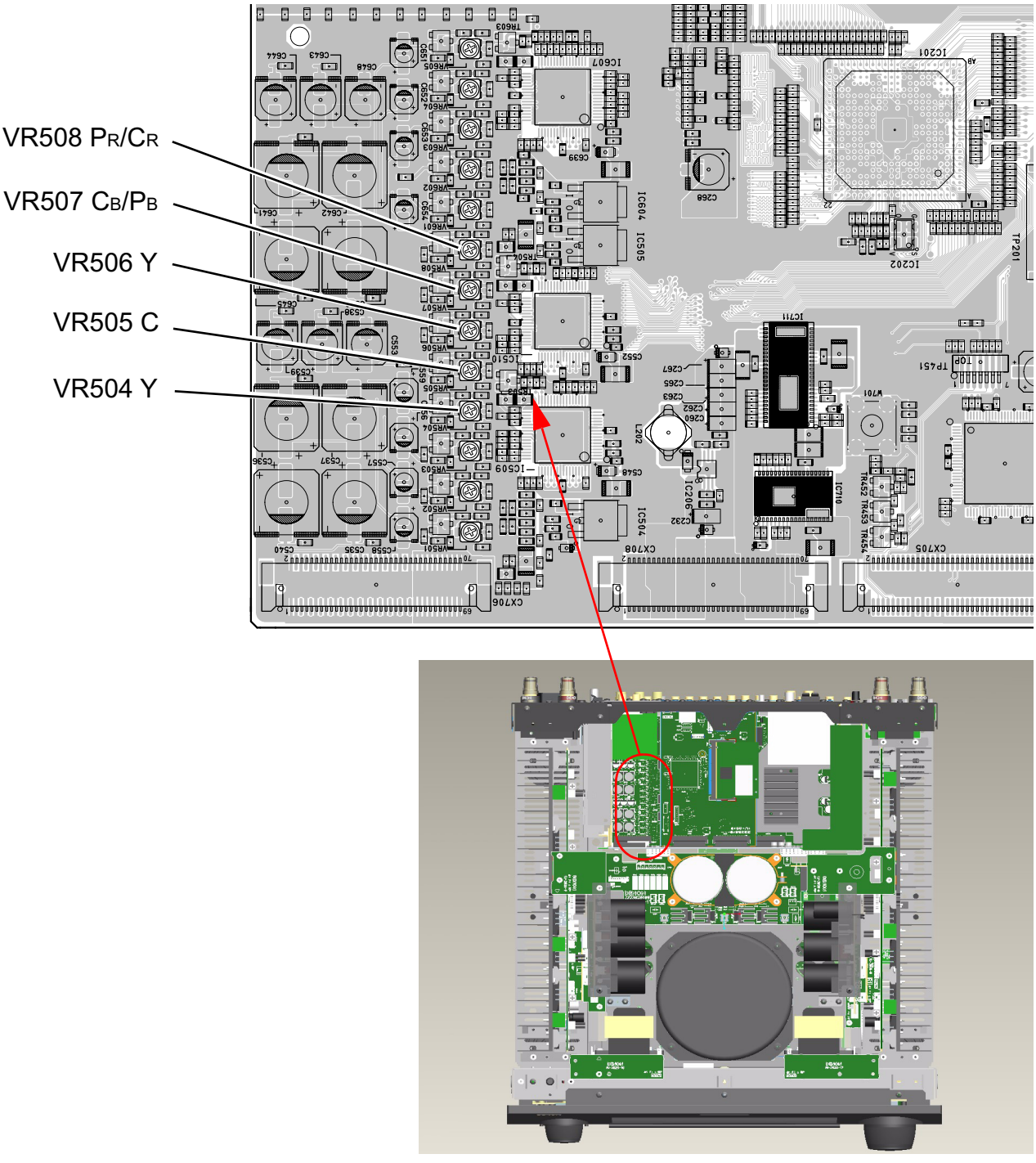
波形



COMPONENT OUT の PR/CR 信号レベル

* : 486 ± 10mV for U.S.A. & Canada model (DVDT-S01)
* : 648 ± 13mV for U.S.A. & Canada model (VT-502)

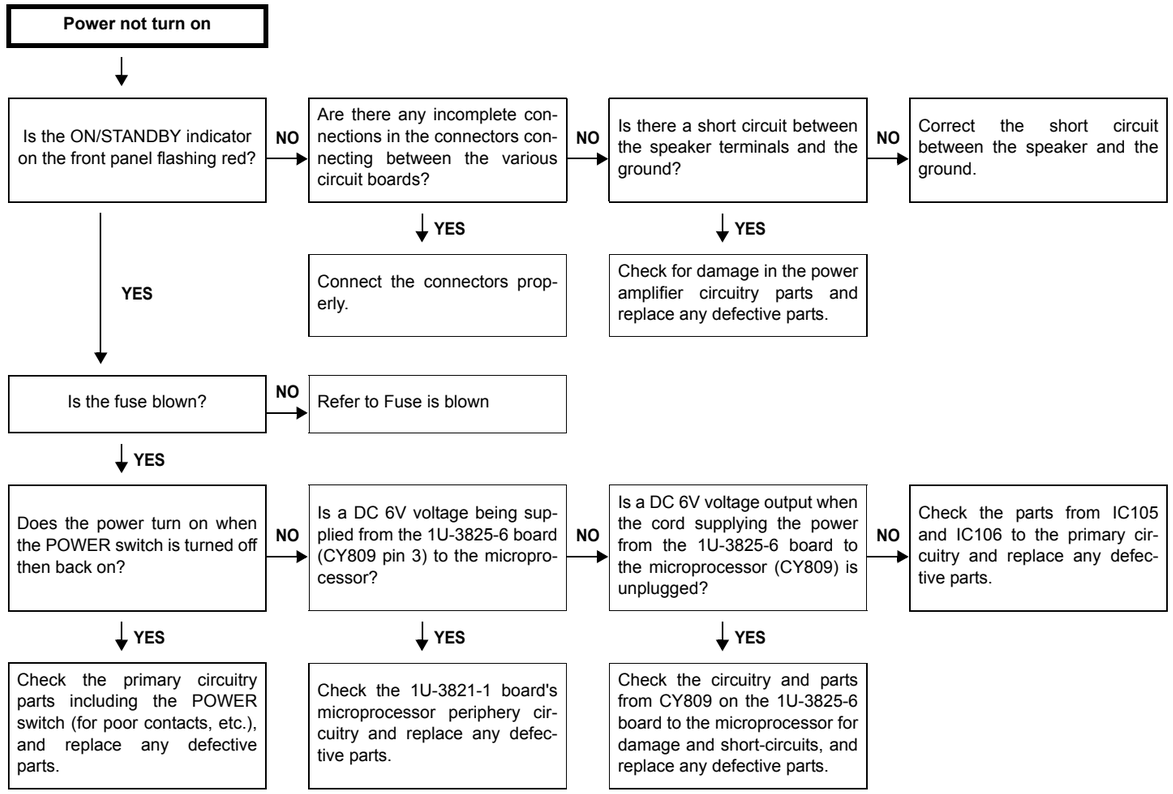
1U-3833-1 DIGITAL VIDEO UNIT



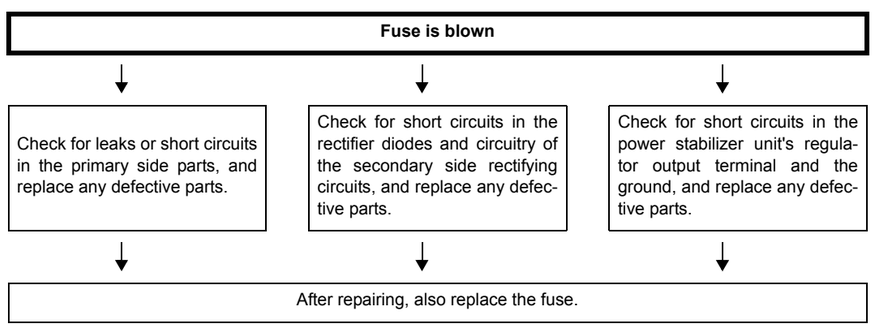
TROUBLE SHOOTING

1. POWER

1.1. Power not turn on



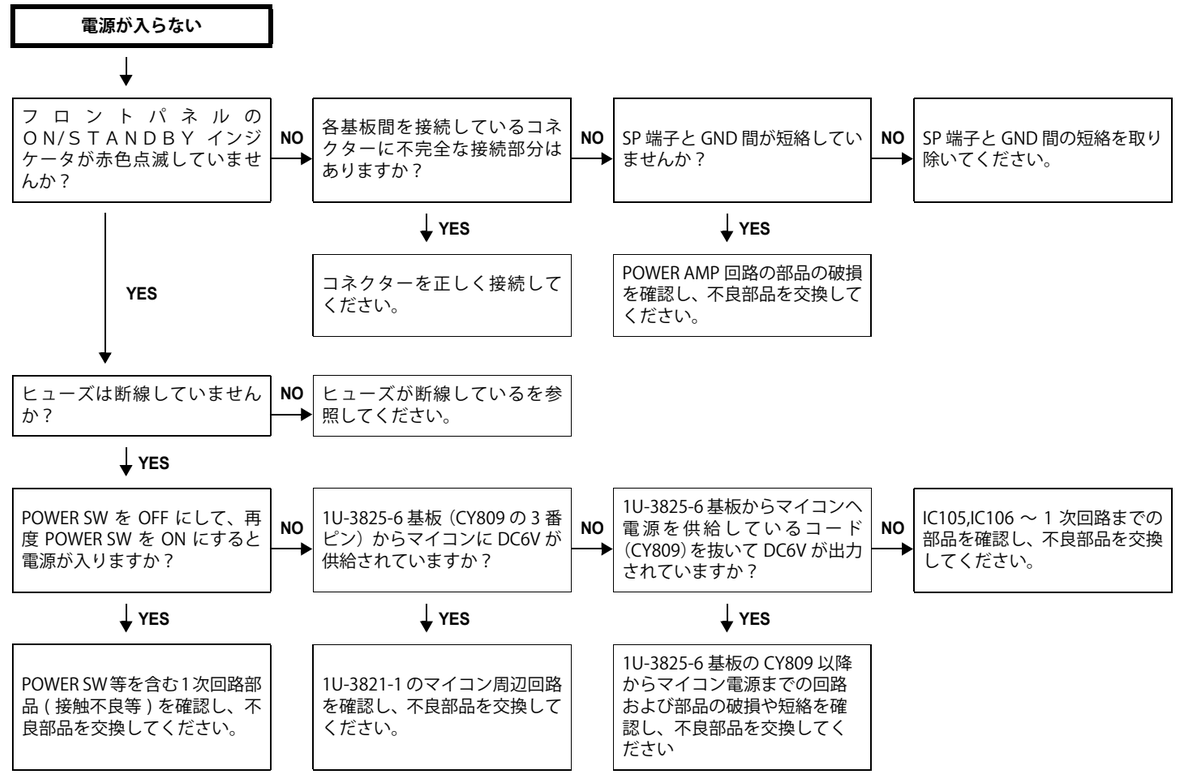
1.2. Fuse is blown



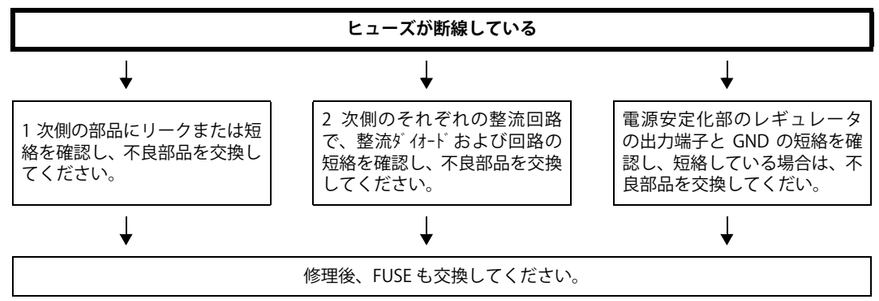
トラブルシューティング

1. 電源

1.1. 電源が入らない

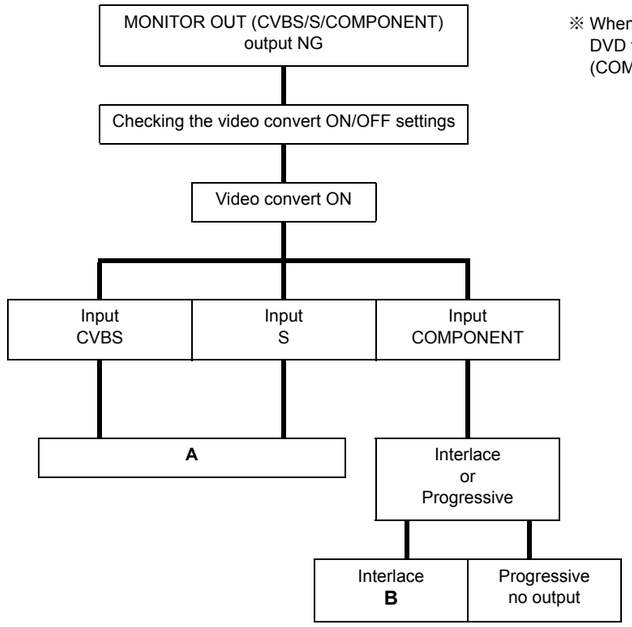


1.2. ヒューズが断線している



2. Analog video

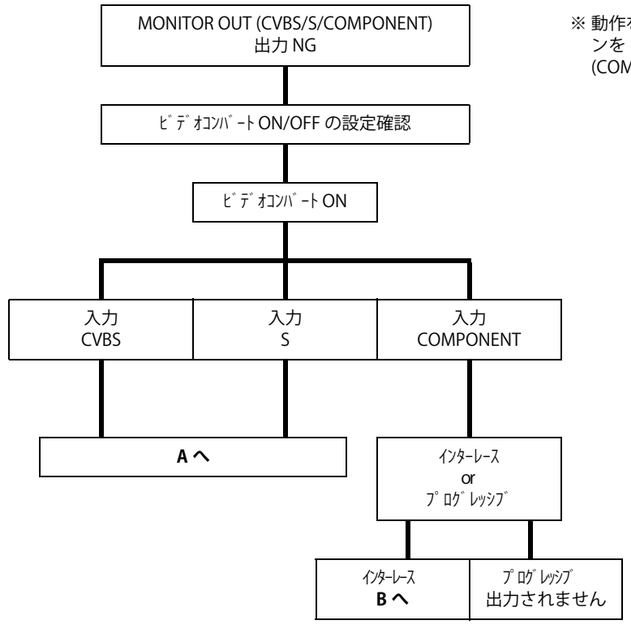
2.1. MONITOR OUT (CVBS) output NG



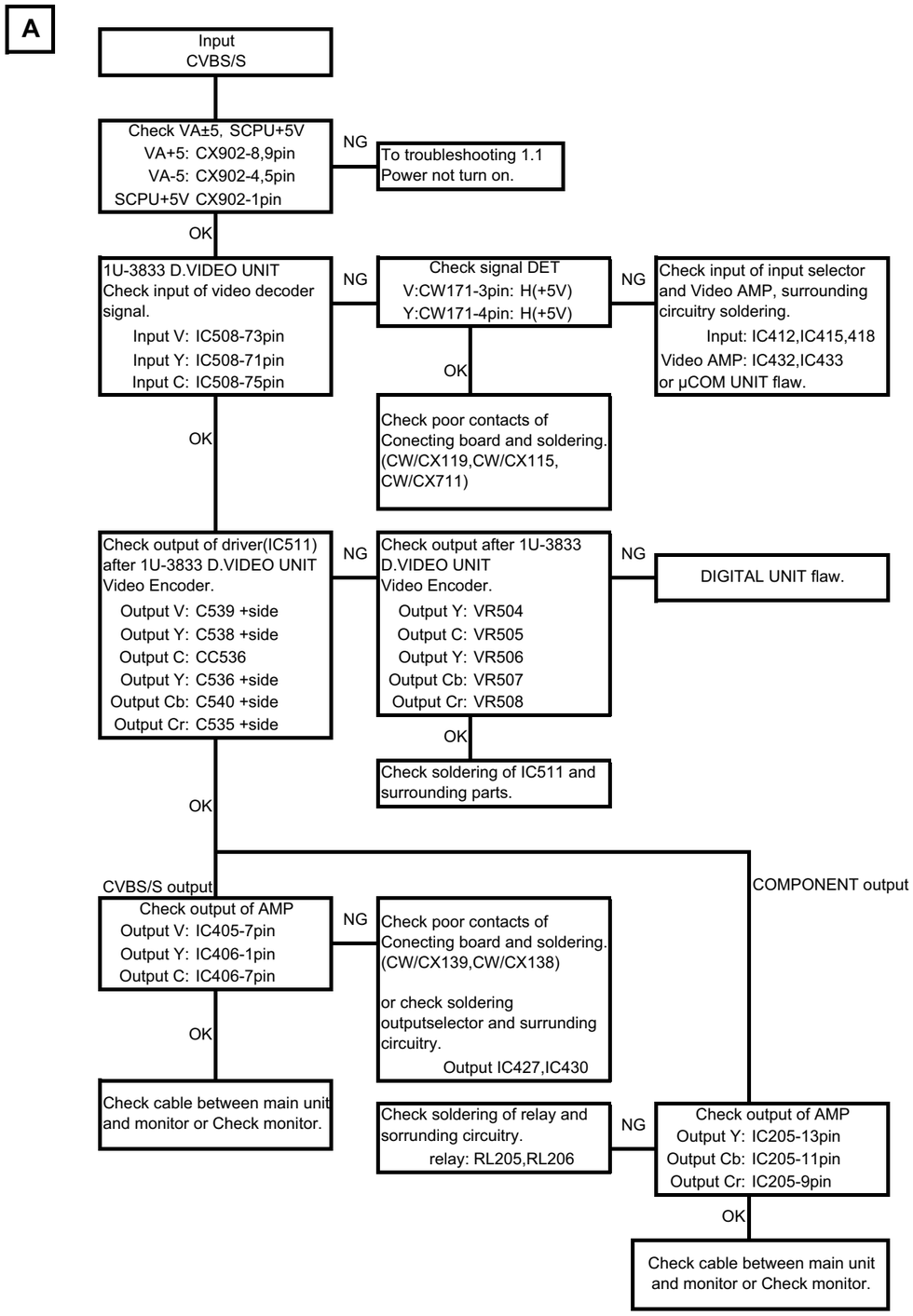
※ When checking operation, select DVD for the function. (COMPONENT1 input)

2. アナログビデオ

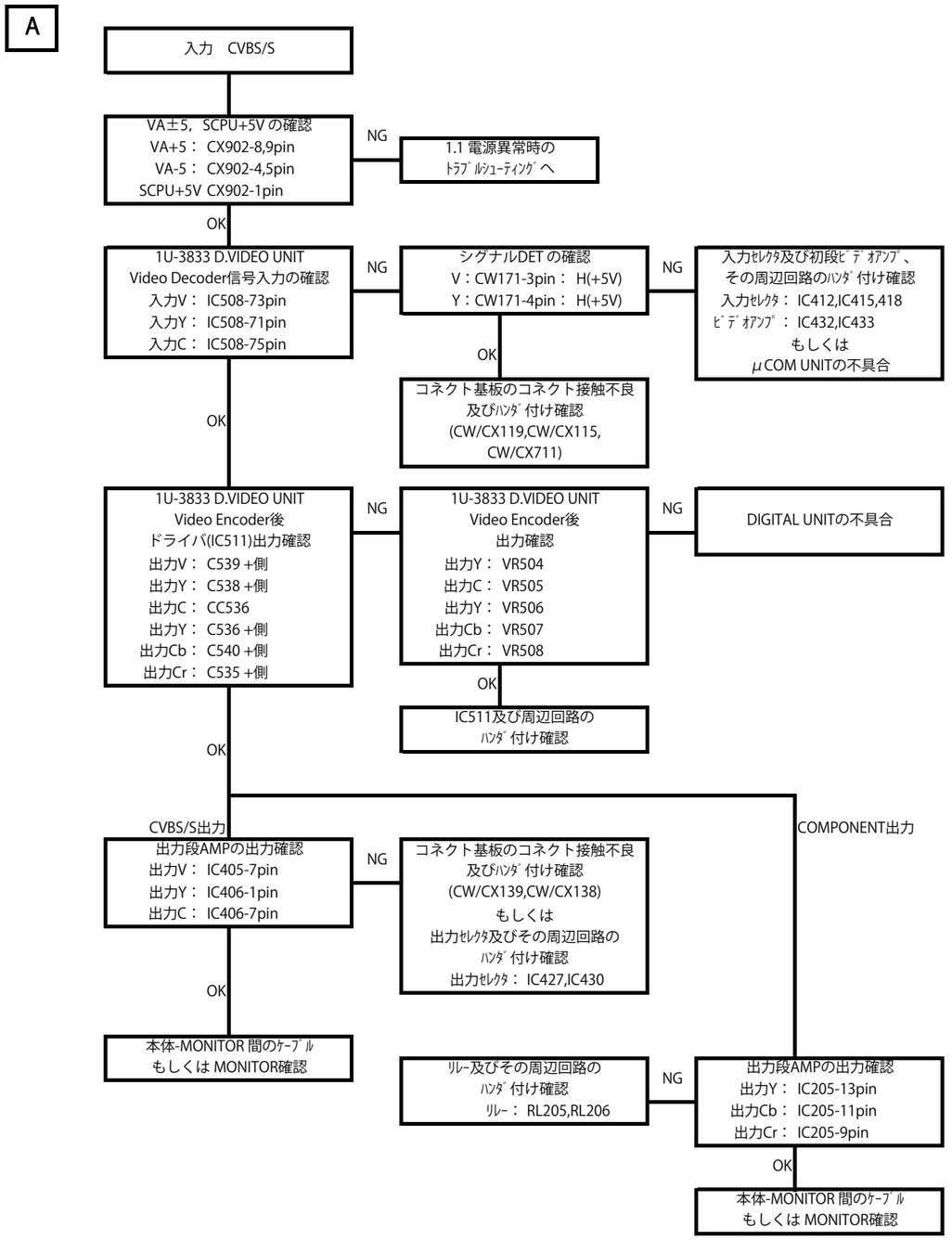
2.1. MONITOR OUT (CVBS) 出力 NG



※ 動作を確認する時はファンクションを DVD に選択してください。 (COMPONENT1 入力)

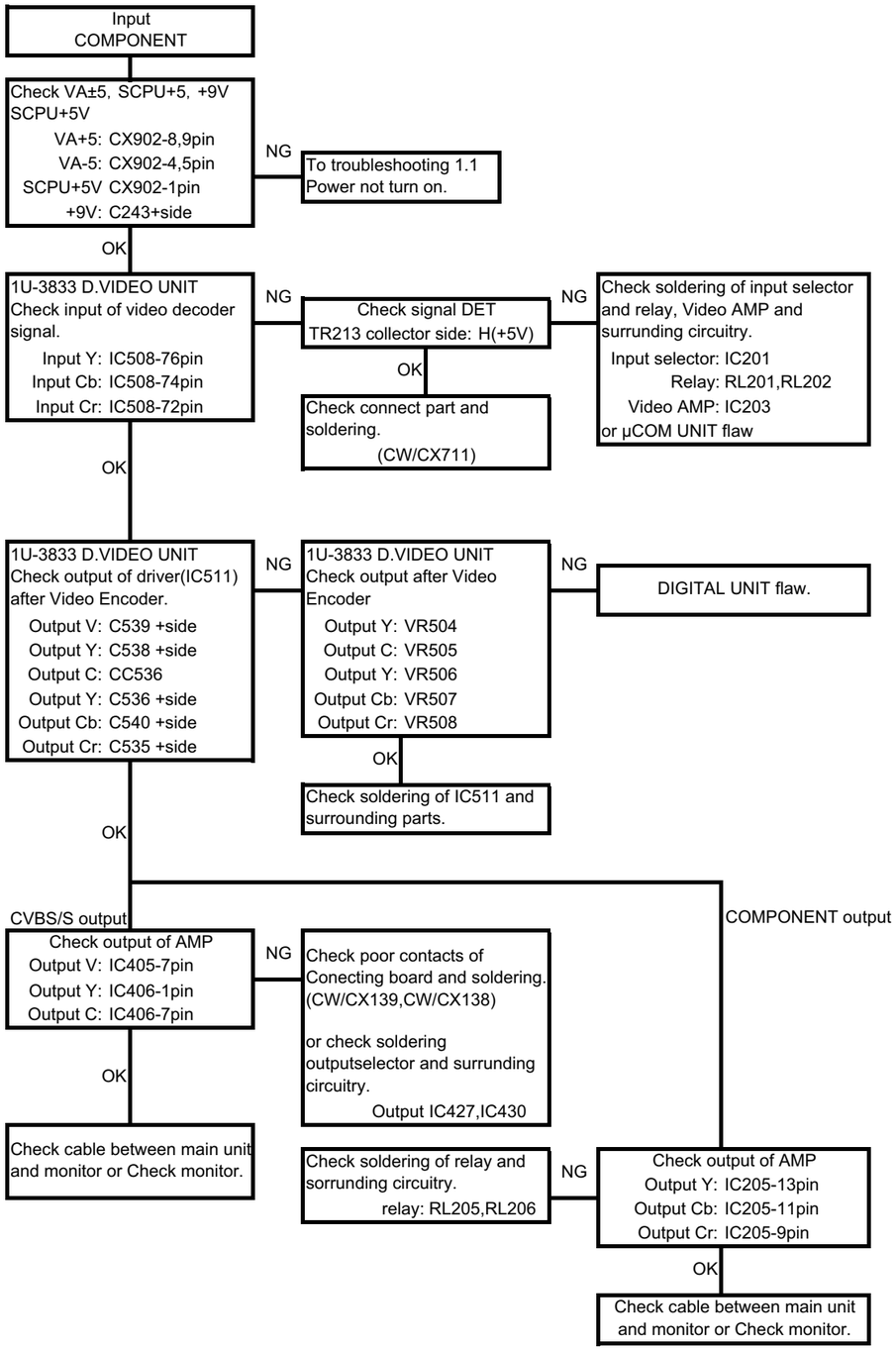


※ Unless specified, 1U-3822 A.VIDEO UNIT part.



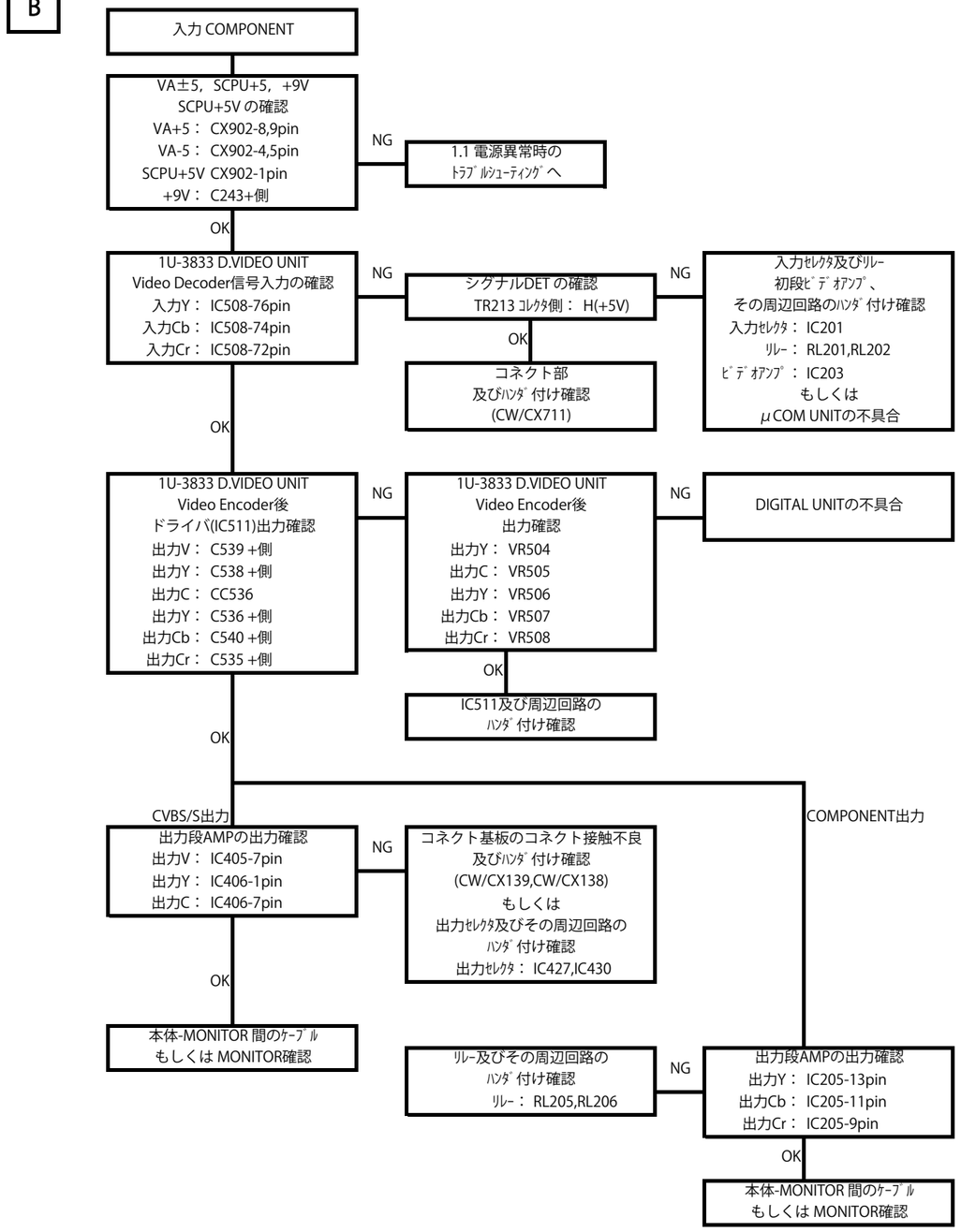
※ 特に記載がない場合は 1U-3822 A.VIDEO UNIT の部品です。

B



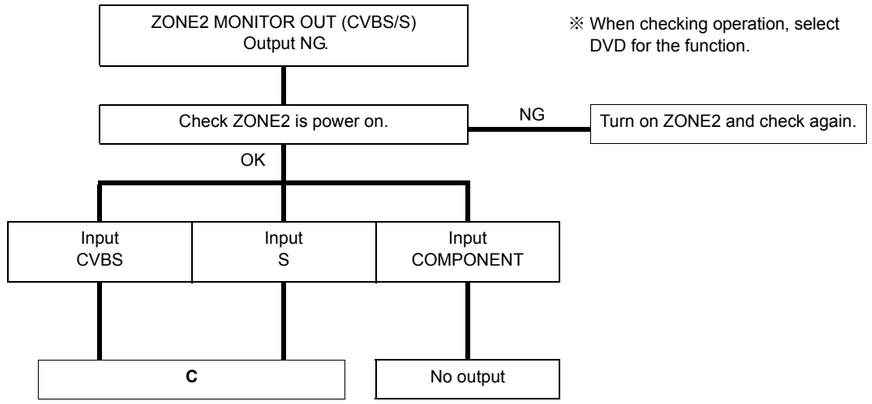
※ Unless specified, 1U-3822 A.VIDEO UNIT part.

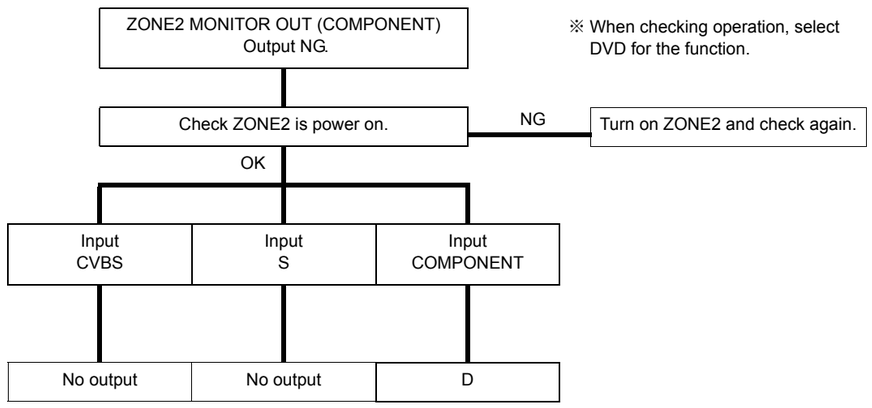
B



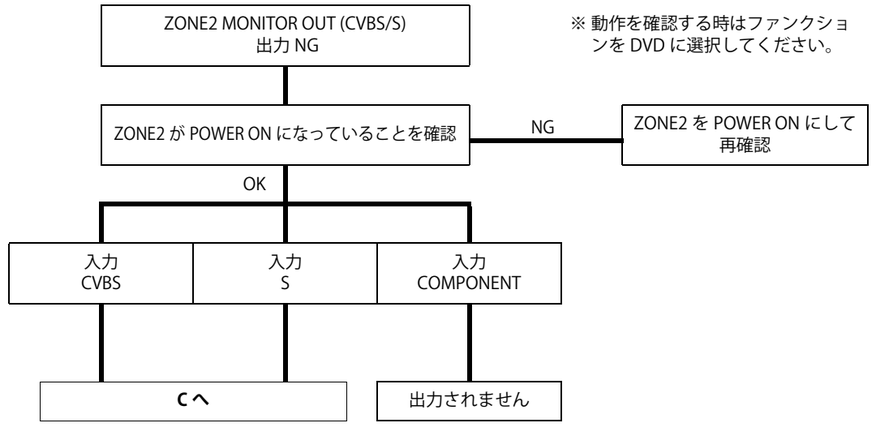
※ 特に記載がない場合は 1U-3822 A.VIDEO UNIT の部品です。

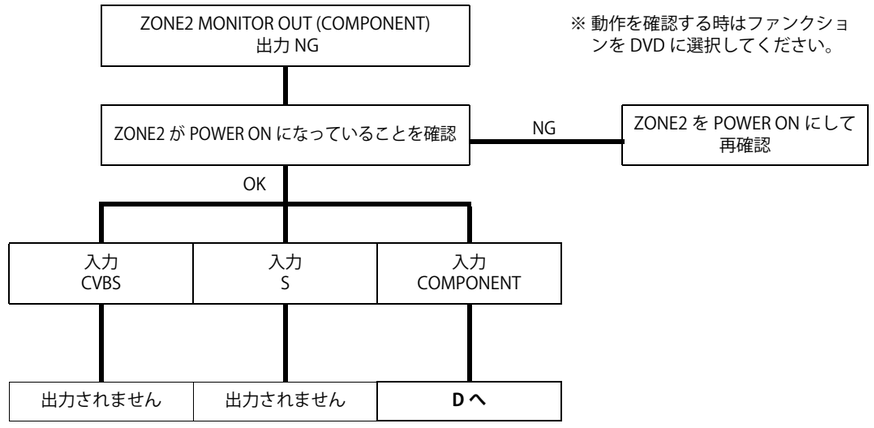
2.2. ZONE2 MONITOR OUT (CVBS) Output NG



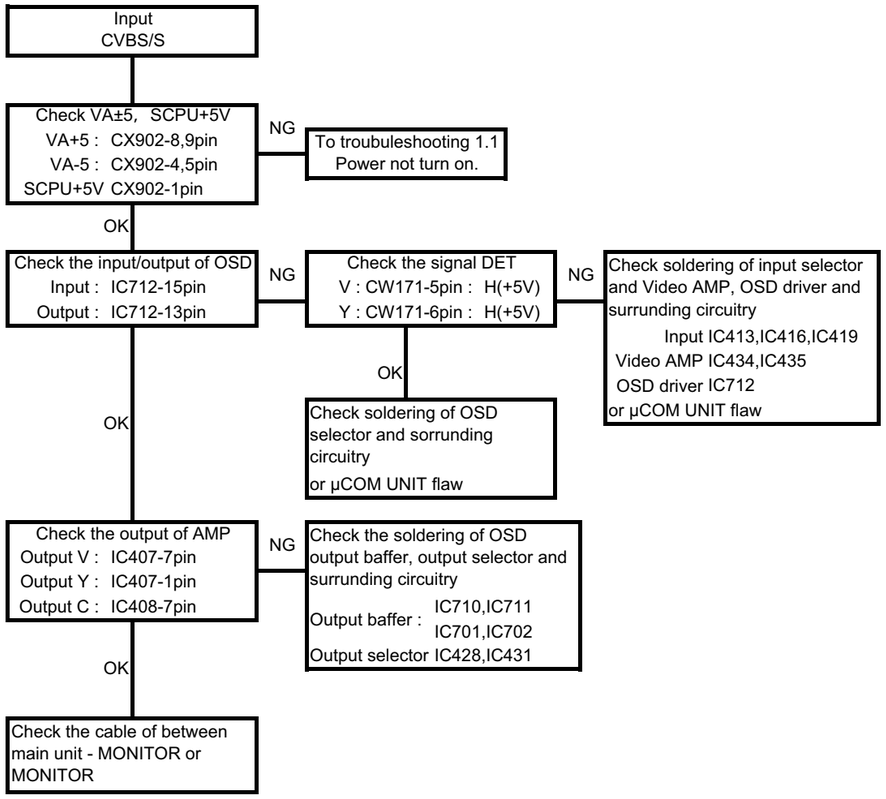


2.2. ZONE2 MONITOR OUT (CVBS) 出力 NG



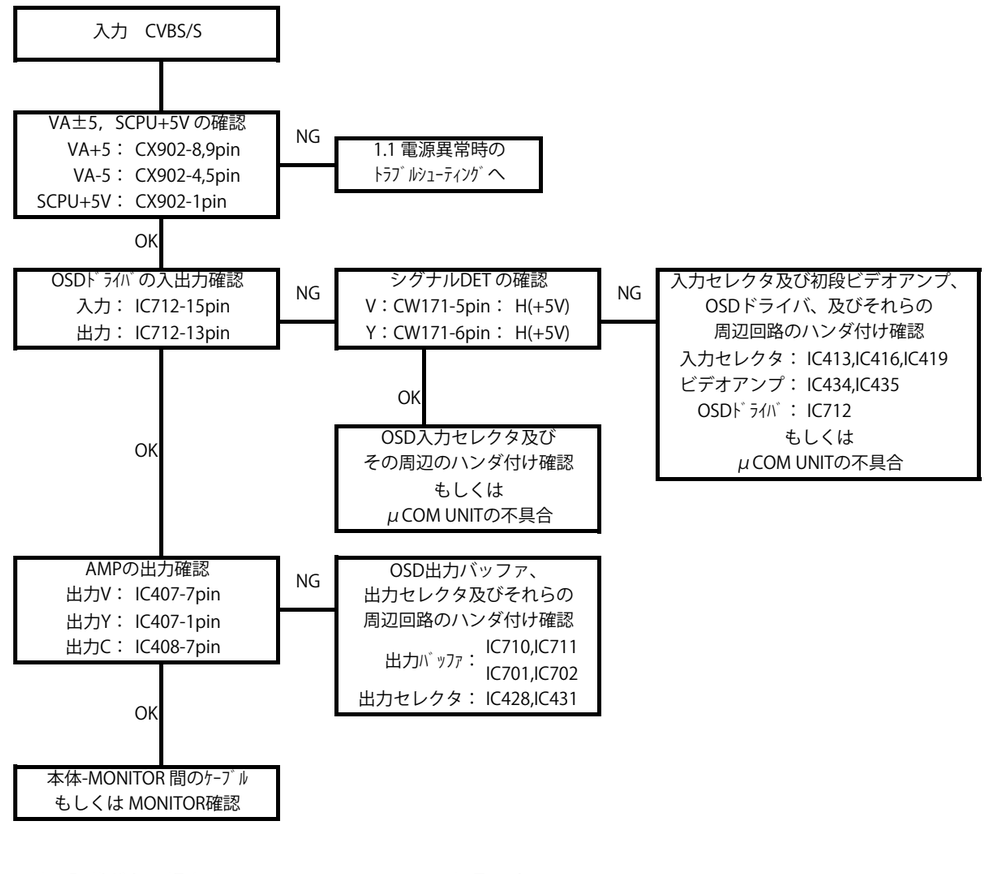


C



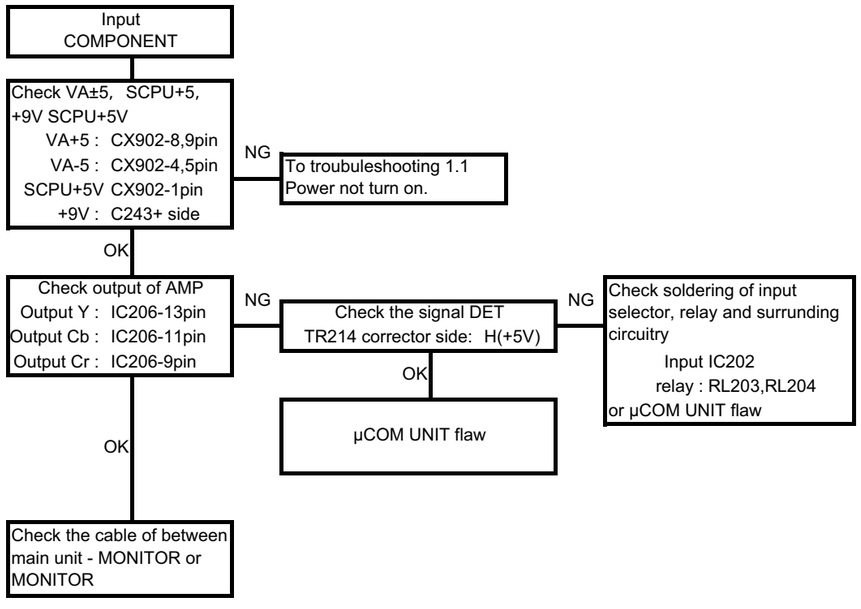
※ Unless specified, 1U-3822 A.VIDEO UNIT part.

C



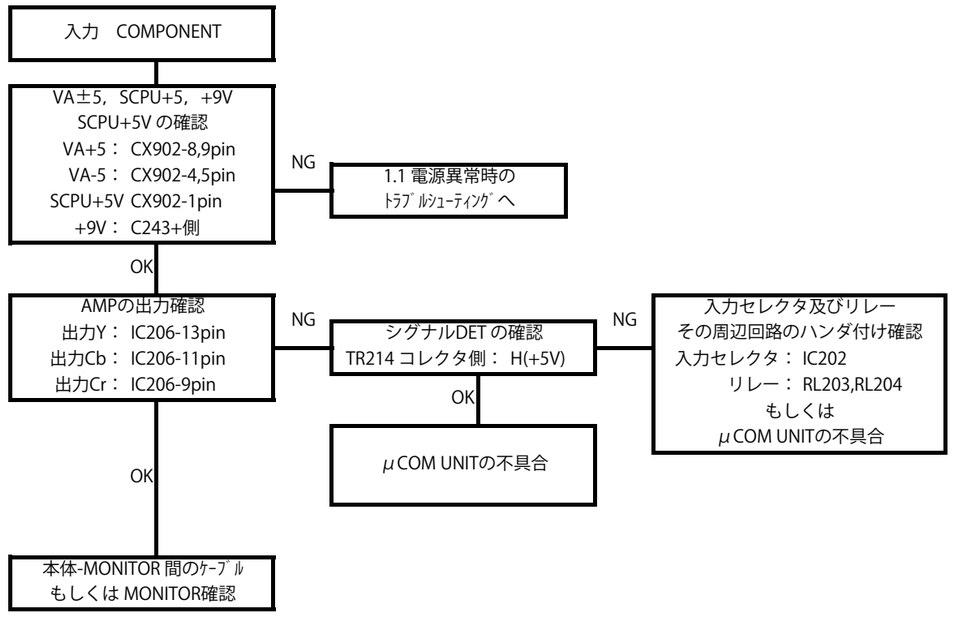
※ 特に記載がない場合は 1U-3822 A.VIDEO UNIT の部品です。

D



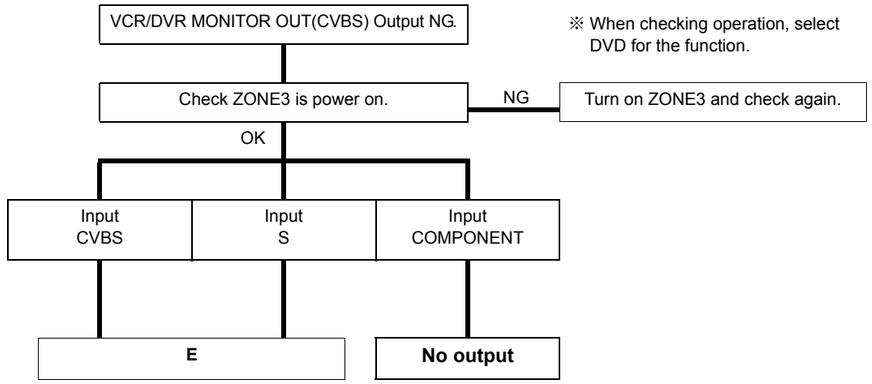
※ Unless specified, 1U-3822 A.VIDEO UNIT part.

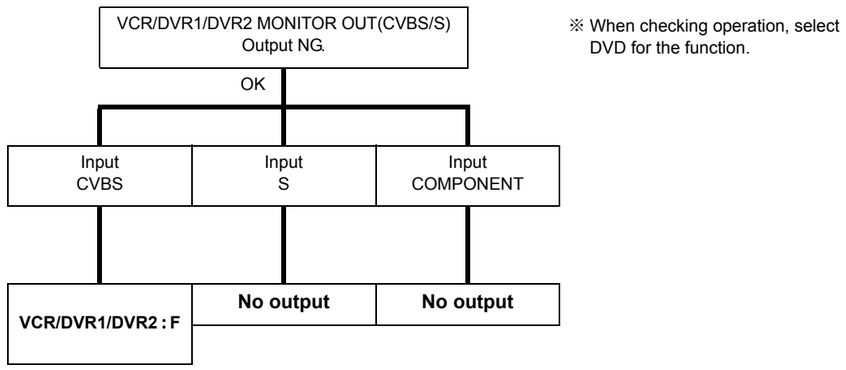
D



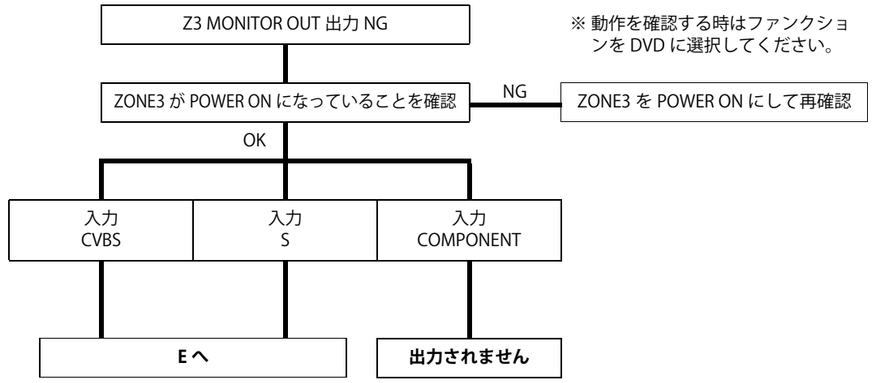
※ 特に記載がない場合は 1U-3822 A.VIDEO UNIT の部品です。

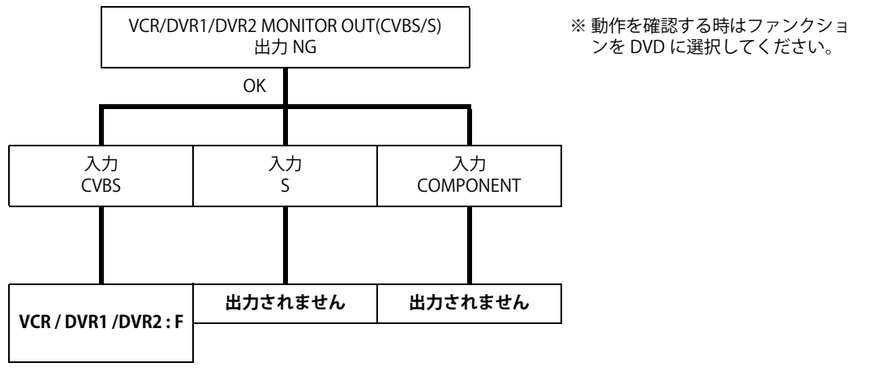
2.3. VCR/DVR MONITOR OUT(CVBS) Output NG



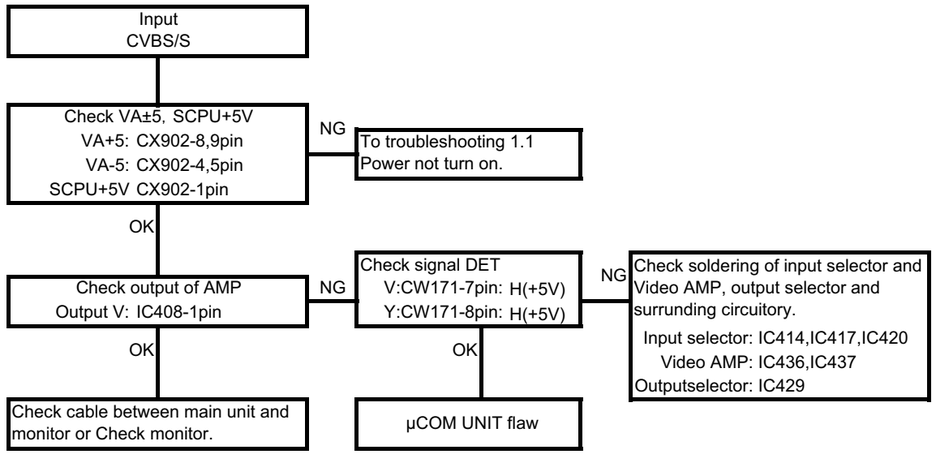


2.3. VCR/DVR MONITOR OUT(CVBS) 出力 NG

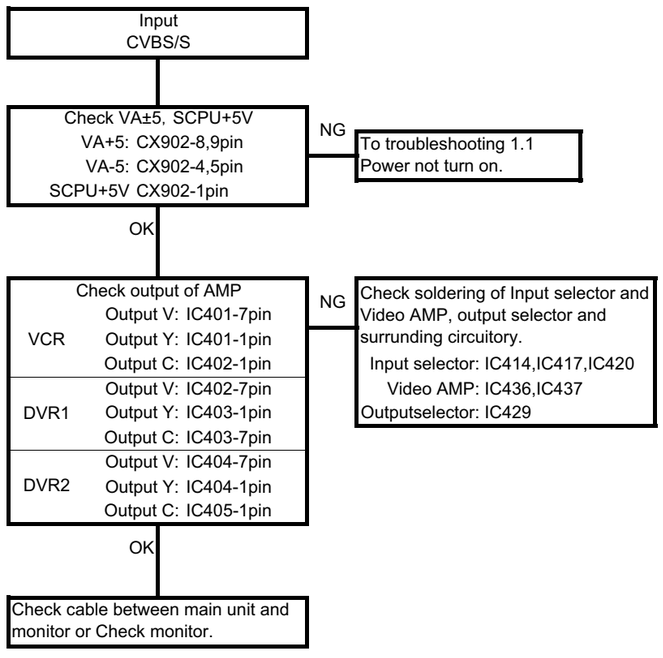




E

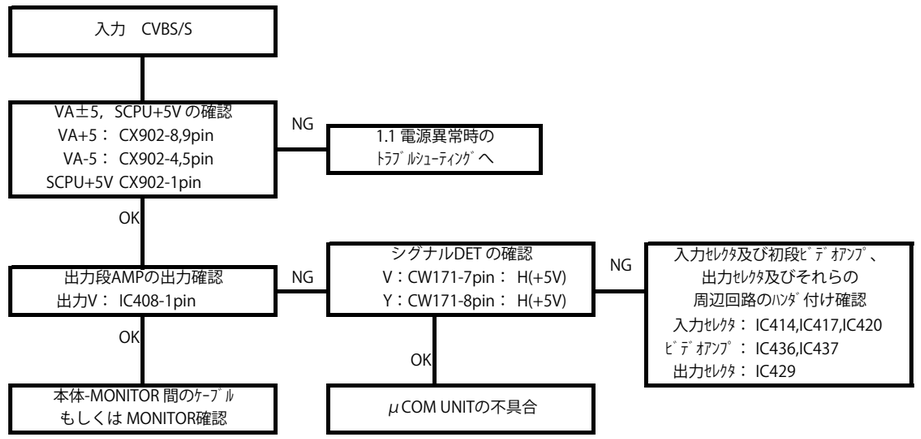


F

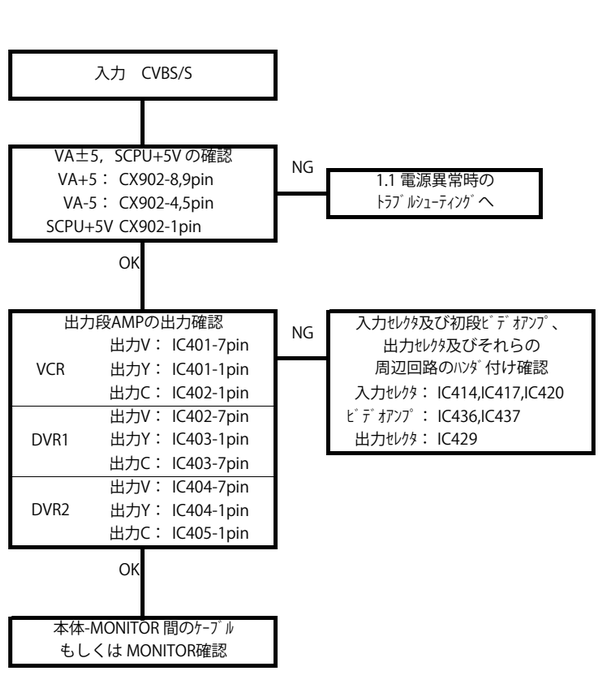


※ Unless specified, 1U-3822 A.VIDEO UNIT part.

E



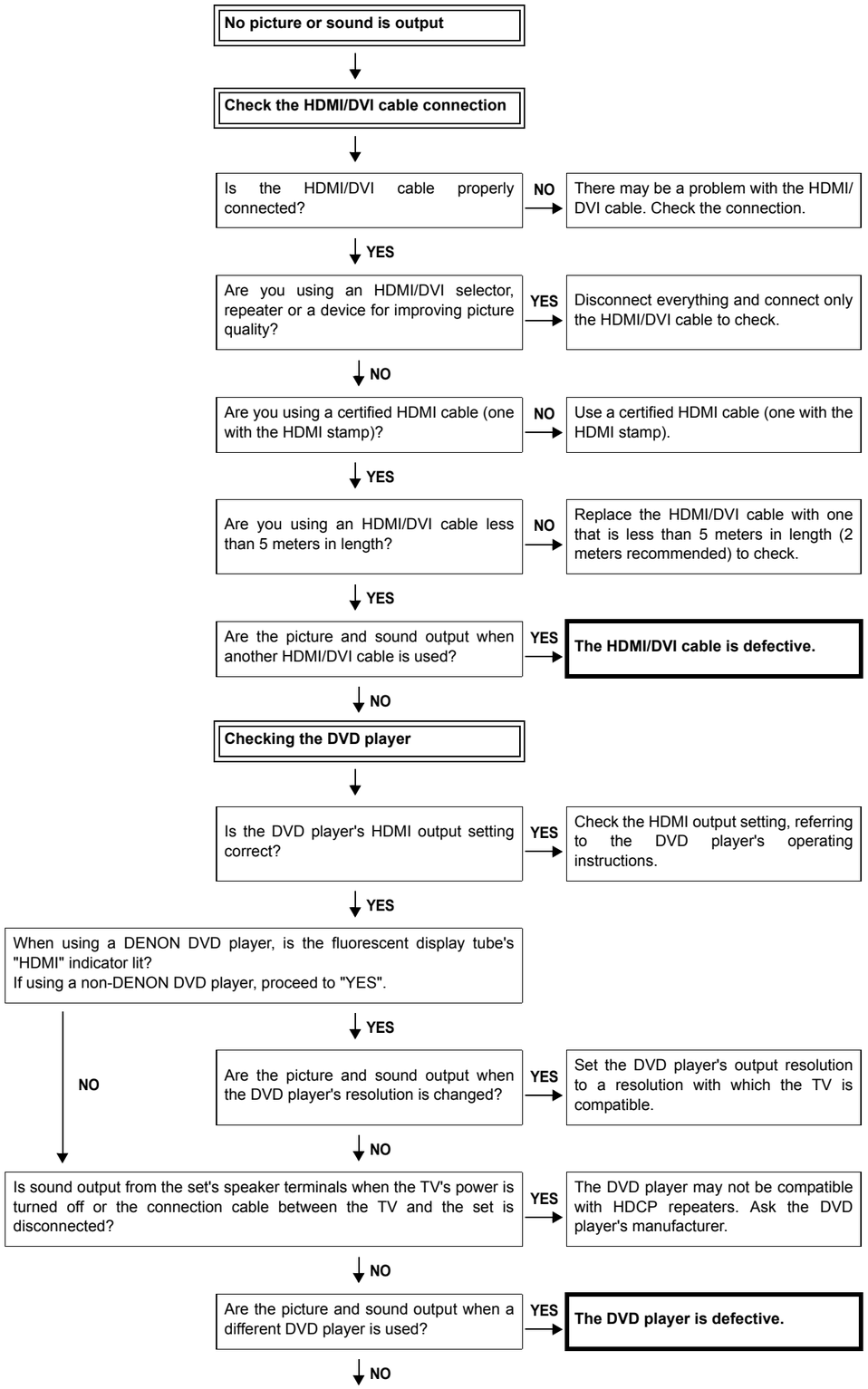
F



※ 特に記載がない場合は 1U-3822 A.VIDEO UNIT の部品です。

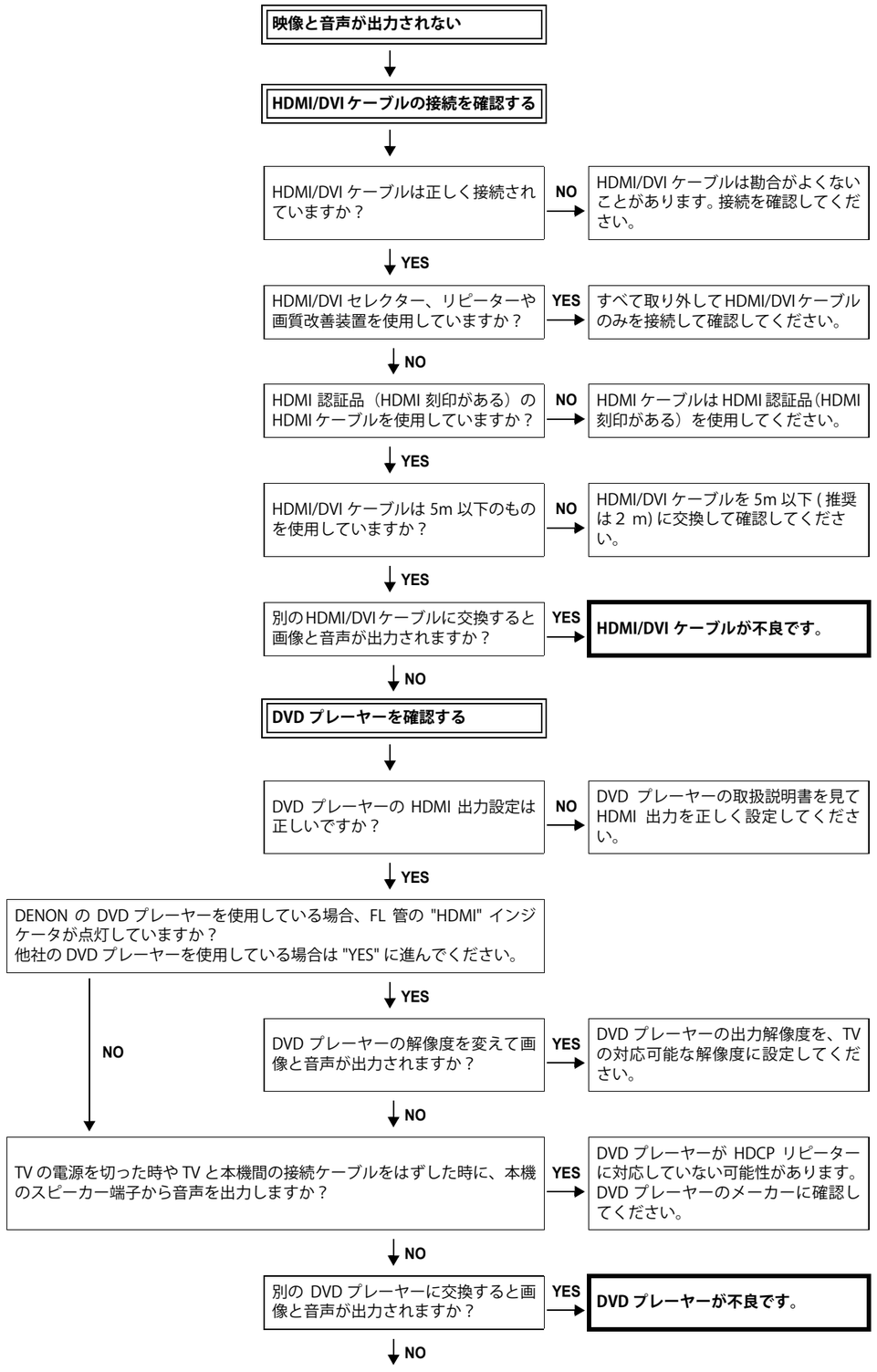
3. HDMI/DVI

3.1. No picture or sound is output



3. HDMI/DVI

3.1. 映像と音声が出力されない



Check the TV

Is the TV HDCP-compatible?
NO → Use an HDCP-compatible TV. PC TVs cannot be used.
YES

Is the TV compatible with resolutions of 1080P?
NO → If the TV is not compatible with resolutions of 1080P, no picture will be output, even if the DVD player's resolution is set to 1080P.
YES

Is the TV's input set to HDMI?
NO → Check the TV's input setting, referring to the TV's operating instructions.
YES

Are the picture and sound output when a different TV is used?
NO → **The TV is defective.**
YES

Check the set (AVP-A1HDCI/AVP-A1HD)

Is the set's input set to HDMI?
NO → Check the set's input setting, referring to the set's operating instructions.
YES

Is the TV information properly displayed on the "Monitor info." display menu?
NO → **The set does not recognize the TV.** Is IC333 or IC363 pin 51 on 1U-3833 "H" (3V-5V)? With the TV connected, check the voltage of the IC on the side on which the TV is connected.
NO → **The pattern and circuit from the HDMI connector (JK331 or JK332) to the IC (IC333 or IC363) is defective.**
YES
YES

Does the set's wallpaper image appear on the TV when the HDMI/DVI cable between the DVD player and the set is disconnected?
NO → Are the picture and sound output from other Monitor Out terminals (VIDEO out, S-VIDEO out or Component out)?
YES → **The HDMI output circuitry is defective. (IC333/IC363/IC301 and surrounding circuitry)**
YES

When using a DENON DVD player, is the fluorescent display tube's "HDMI" indicator lit?
If using a non-DENON DVD player, proceed to "NO".
NO → **The DVD player does not recognize the connection with the set.** Is the HDMI connector (JK101/JK102/JK103/JK104/JK105/JK106) pin 19 on 1U-3833 "H" (5V)? With the DVD player connected, check the voltage of the HDMI connector for the input on the side on which the DVD player is connected.
NO → **The pattern and circuit from the HDMI connector (JK101/JK102/JK103/JK104/JK105/JK106) to the IC151 is defective.**
YES
YES

The HDMI output circuitry is defective. (IC101/IC131/IC151/IC201 and surrounding circuitry)

NO

TV を確認する

TV は HDCP に対応していますか？
NO → HDCP に対応している TV を使用してください。PC 用の TV は使用できません。
YES

TV は 1080P に対応していますか？
NO → TV が 1080P に対応していない場合、DVD プレーヤーを 1080P に設定しても、画像は出力されません。
YES

TV の入力設定が HDMI 入力になっていますか？
NO → TV の取扱説明書を見て入力設定を確認してください。
YES

別の TV に交換すると画像と音声が出力されますか？
NO → **TV が不良です。**
YES

本機を確認する

本機の入力設定が HDMI 入力になっていますか？
NO → 本機の取扱説明書を見て入力設定を確認してください。
YES

Monitor info. 表示メニューで TV の情報が正しく表示されていますか？
NO → **本機が TV を認識していません** 1U-3833のIC333またはIC363の51pinが "H"(3V-5V) となっていますか？ TV を接続している状態で、TV を接続している側の IC の電圧を確認してください。
NO → **HDMI コネクター (JK331 または JK332) から IC(IC333 または IC363) までのパターンおよび回路が不良です。**
YES
YES

DVD プレーヤーと本機間の HDMI/DVI ケーブルを取り外した時、TV に本機の壁紙の画像が表示されますか？
NO → 他の Monitor Out(VIDEO out/S-VIDEO out/Component out) からは出力されますか？
YES → **HDMI出力系の回路が不良です。(IC333/IC363/IC301 周辺回路)**
NO
YES

DENON の DVD プレーヤーを使用している場合、FL 管の "HDMI" インジケータが点灯していますか？
他社の DVD プレーヤーを使用している場合は "NO" に進んでください。
NO → **DVD プレーヤーが本機との接続を認識していません** 1U-3833 の HDMI コネクター (JK101/JK102/JK103/JK104/JK105/JK106) の 19pin が "H"(5V) となっていますか？ DVD プレーヤーを接続している状態で、DVD プレーヤーを接続している入力の HDMI コネクターの電圧を確認してください。
NO → **HDMI コネクター (JK101/JK102/JK103/JK104/JK105/JK106) から IC151 までのパターンおよび回路が不良です。**
YES
YES

HDMI 入力系の回路が不良です。(IC101/IC131/IC151/IC201 周辺回路)

4. Network/USB

4.1. Cannot connect to network

Checking the environment

For a wired LAN

Is the LAN cable properly connected?
- NO → Check the LAN cable properly then turn the power back on.
- YES ↓

For a wireless LAN

Is a LAN cable connected?
- YES → Disconnect the LAN cable then turn the power back on. Do not connect a LAN cable when connecting to a wireless LAN.
- NO ↓

Is the wireless LAN antenna connected?
- NO → Connect the included wireless LAN antenna to the back panel.
- YES ↓

Is the channel of the wireless LAN you are attempting to connect to independent from the channels of other wireless LANs?
- NO → Set the channel of the wireless LAN to which you are attempting to connect so that it is not redundant with the channels of other wireless LANs.
- YES ↓

Can other devices (computers, etc.) be connected to the network in the location where the AVP-A1HDCI/AVP-A1HD is installed?
- NO → Check the signal conditions (strength). If the signal is weak, try installing the AVP-A1HDCI/AVP-A1HD in a place where it is strong, changing the position of the router, installing an access point, etc.
- YES ↓

Checking the settings

Are the AVP-A1HDCI/AVP-A1HD's network settings correct?
- NO → Set the IP address and other parameters properly. For a fixed IP setting, check whether the IP address is redundant with that of other devices, and check whether the subnet mask setting is correct. For a wireless LAN, also check the SSID and security settings.
- YES ↓

Are the router, hub and other peripherals properly connected?
- NO → Connect properly to peripherals.
- YES ↓

Are the router's settings correct?
- NO → Check the router's operating instructions and set properly. Check whether there are connection restrictions due to the MAC address, etc.
- YES ↓

4. ネットワーク /USB

4.1. ネットワークに接続できない

ネットワーク環境の確認

有線 LAN の場合

LANケーブルは正しく接続されていますか？
- NO → LAN ケーブルを正しく接続し、電源を入れ直して下さい。
- YES ↓

無線 LAN の場合

LANケーブルが接続されていませんか？
- YES → LAN ケーブルを抜き、電源を入れ直して下さい。無線LANネットワークに接続する場合は、LAN ケーブルを接続しないで下さい。
- NO ↓

無線LANアンテナは接続されていますか？
- NO → 付属の無線LANアンテナをバックパネルに接続して下さい
- YES ↓

接続しようとしている無線のチャンネルが他の無線ネットワークから独立していますか？
- NO → 接続しようとしている無線LANネットワークのチャンネルを、他の無線 LAN ネットワークのチャンネルと重複しないように設定して下さい。
- YES ↓

本機の設置場所で、他の機器 (PC 等) がネットワークに接続できますか？
- NO → 無線の電波状況 (強度) を確認して下さい。電波が弱い場合は、電波の強い位置に本機を設置するか、ルータの位置を変えるか、アクセスポイントを設置するなどして下さい。
- YES ↓

ネットワーク設定の確認

本機のネットワークの設定は正しいですか？
- NO → IP アドレス等を正しく設定して下さい。固定 IP 設定の場合、IP アドレスが他の機器と重複していないか、サブネットマスクの設定が正しいかを確認してください。無線 LAN の場合、SSID、セキュリティの設定も確認して下さい。
- YES ↓

ルータ、ハブ等の周辺機器の接続は正しいですか？
- NO → 周辺機器と正しく接続してください。
- YES ↓

ルータの設定は正しいですか？
- NO → ルーターの取扱説明書を見て正しく設定して下さい。MAC アドレス等による接続制限がされていないかを確認ください。
- YES ↓

Checking the set (AVP-A1HDCI/AVP-A1HD)

Can you connect to the network by wireless LAN? **YES** → **The circuit from IC101 to JK101 is defective.**

NO ↓

Is the wireless LAN module properly connected? **NO** → Connect the wireless LAN module properly into CX124.

YES ↓

Is the antenna cable connected to the wireless LAN module? **NO** → Connect the antenna cable to J1 on the wireless LAN module.

YES ↓

Can you connect with a different wireless LAN module? **YES** → **The wireless LAN module is defective.**

NO ↓

Can you connect to the network by wired LAN? **YES** → **The circuit of CX124 is defective.**

NO ↓

Is a voltage being outputted between CX715 pins 1-30(GND) to 31-60(3.3V)? **NO** → **The circuit from AC inlet to CX715 or 3.3V device circuitry is defective.**

YES ↓

Is the IC406 output voltage (1.9V) being outputted? **NO** → **The IC406 periphery or IC105 periphery circuitry is defective.**

YES ↓

Is the wire properly connected between CX974 and CY974? **NO** → Connect the wire properly.

YES ↓

Is operation normal when the 1U-3819 circuit board is replaced? **NO** → **The ETHERNET circuitry is defective.**

YES ↓

The 1U-3821-1 circuit board may be defective.

本機の確認

無線LANでネットワークに接続できますか？ **YES** → **IC101 から JK101 までの回路が不良です。**

NO ↓

無線LANモジュールは正しく接続されていますか？ **NO** → 無線 LAN モジュールを CX124 に正しく接続して下さい。

YES ↓

無線LANモジュールにアンテナケーブルが接続されていますか？ **NO** → アンテナケーブルを無線LANモジュールの J1 に接続してください。

YES ↓

無線LANモジュールを交換して接続できますか？ **YES** → **無線 LAN モジュールが不良です。**

NO ↓

有線LANでネットワークに接続できますか？ **YES** → **CX124 周辺の回路が不良です。**

NO ↓

CX715 の 1 ～ 30 ピン (GND) - 31 ～ 60 ピン (3.3V) 間に電圧は出力されていますか？ **NO** → **AC インレットから CX715 までの回路、もしくは 3.3V 系デバイスの回路が不良です。**

YES ↓

IC406 の出力電圧 (1.9V) は出力されていますか？ **NO** → **IC406 周辺もしくは IC105 周辺の回路が不良です。**

YES ↓

CX974-CY974 間のワイヤは正しく接続されていますか？ **NO** → 正しく接続して下さい。

YES ↓

1U-3819 基板を交換して正しく動作しますか？ **NO** → **ETHERNET 回路が不良です。**

YES ↓

1U-3821-1 基板が不良の可能性があります。

4.2. USB device is not recognized

Checking the settings

Are the USB port settings correct?
NO → Set the front and rear properly.
YES ↓

Checking the USB device

Are you using a USB hub?
YES → You do not use the USB hub.
NO ↓

Is the USB device compatible with the set?
NO → Only mass storage devices in FAT16 or FAT32 formats or MTP-compatible devices are supported.
YES ↓

Checking the set (AVP-A1HDCI/AVP-A1HD)

Is the wire properly connected between CX530 and CY530?
NO → Connect the wire properly.
YES ↓

Is a voltage (5V) being supplied between pins 1 and 4 of JK102 (back panel USB connector) and JK903 on the 1U-3822-6 circuit board (front panel USB connector)?
NO → **The IC410 periphery circuitry is defective.**
YES ↓

Is the USB device not recognized for both the front and rear connectors?

Rear is not recognized
NO → **The circuit from IC102 to JK102 is defective.**
YES ↓

Front is not recognized
NO → **The circuitry from IC102 to JK903 on the 1U-3822-6 circuit board is defective.**

Is the IC102 pin 15 output level "L"?
NO → **The circuitry from IC905 on the 1U-3821-1 circuit board to IC102 on the 1U-3819 circuit board is defective.**
YES ↓

The circuit from IC105 to IC102 is defective.

4.2. USB を接続しても認識されない

設定の確認

ＵＳＢ ポートは正しく設定されていますか？
NO → Front/Rear を正しく設定して下さい。
YES ↓

使用している ＵＳＢ 機器の確認

ＵＳＢ ハブを使用していますか？
YES → ＵＳＢ ハブは使用しないで下さい。
NO ↓

ＵＳＢ デバイスは本機に対応可能ですか？
NO → ＦＡＴ16もしくはＦＡＴ32でフォーマットされたマスストレージクラス、もしくは ＭＴＰ 対応デバイスのみサポートしています。
YES ↓

本機の確認

CX530-CY530 間のワイヤーは正しく接続されていますか？
NO → ワイヤーを正しく接続してください。
YES ↓

JK102(バックパネル USB コネクタ),1U-3822-6 基板の JK903(フロントパネル USB コネクタ) の 1 ピン -4 ピン間の電圧 (5V) は供給されていますか？
NO → **IC410 周辺の回路が不良です。**
YES ↓

Front/Rear 共に認識されない状態ですか？

Rear が認識されない
NO → **IC102 から JK102 までの回路が不良です。**
YES ↓

Front が認識されない
NO → **IC102 から 1U-3822-6 基板の JK903 までの回路が不良です。**

IC102 の 15 ピンの出力レベルは L になっていますか？
NO → **1U-3821-1 基板の IC905 から 1U-3819 基板の IC102 までの回路が不良です。**
YES ↓

IC105 から IC102 までの回路が不良です。

4.3. No picture or sound is output

Checking the set (AVP-A1HDCI/AVP-A1HD):(If no picture is output)

Is the wire properly connected CX714 to CW714? — NO → Connect the wire properly.

↓ YES

Are video signals output from CX714 pin 16 (Y) and pin 15 (C)? — NO → **The circuit from IC105 to IC404 is defective.**

↓ YES

Check the analog video circuit.

Checking the set (AVP-A1HDCI/AVP-A1HD):(If no sound is output)

Are S/PDIF signals output from IC105 pin 39? — NO → **The IC105 is defective.**

↓ YES

Check the Digital audio circuit.

4.3. 映像と音声が出力されない

本機の確認 (映像が出力されない場合)

CX714-CW714 は正しく接続されていますか？ — NO → 正しく接続してください。

↓ YES

CX714 の 16 ピン (Y)15 ピン (C) からビデオ信号は出ていますか？ — NO → **IC105 から IC404 までの回路が不良です。**

↓ YES

アナログビデオ回路を確認して下さい。

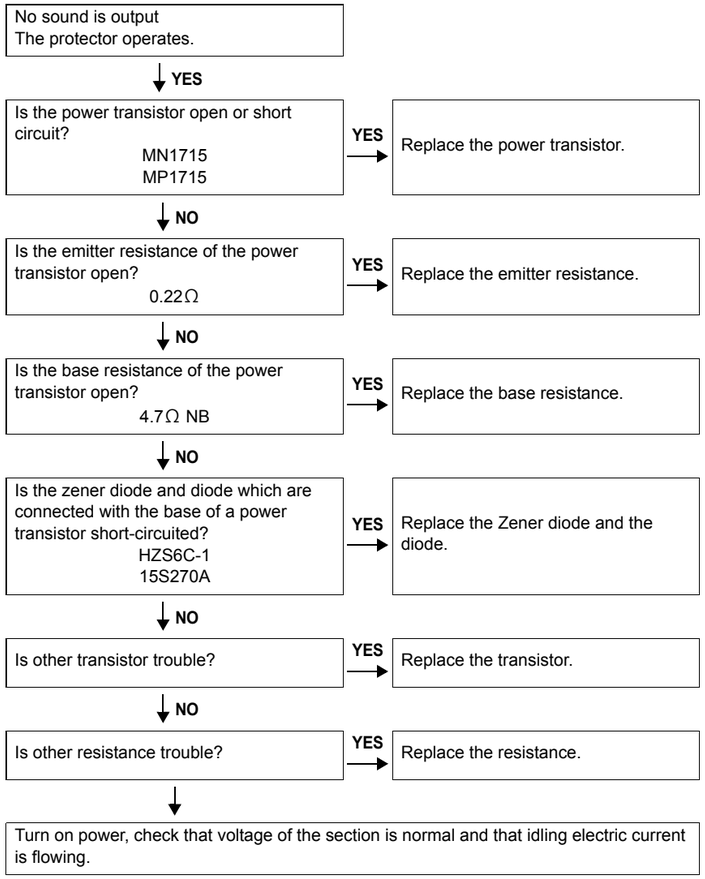
本機の確認 (音声が出力されない場合)

IC105 の 39 ピンから S/PDIF 信号が出力されていますか？ — NO → **IC105 の周辺回路が不良です。**

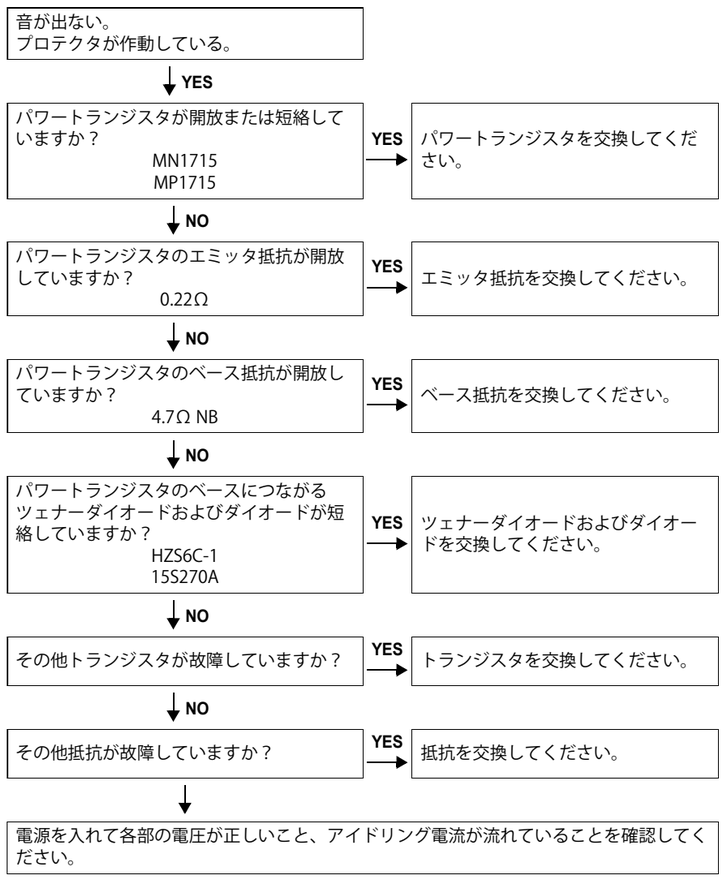
↓ YES

デジタルオーディオ回路を確認して下さい。

5. Power AMP (1U-3827)

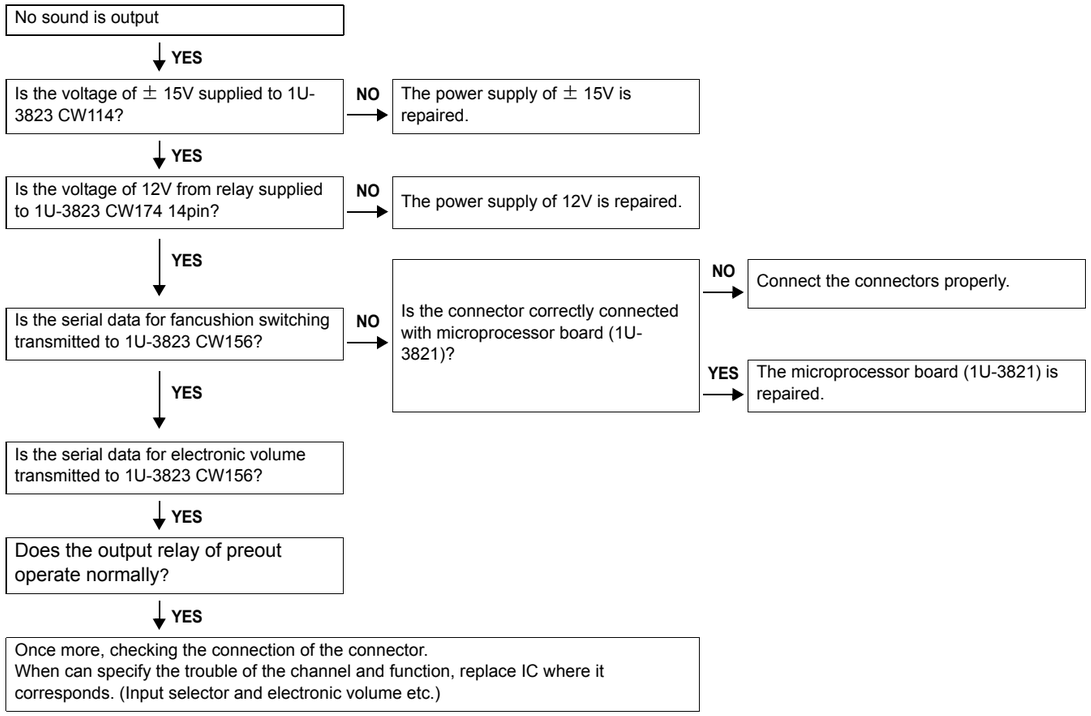


5. パワーアンプ (1U-3827)



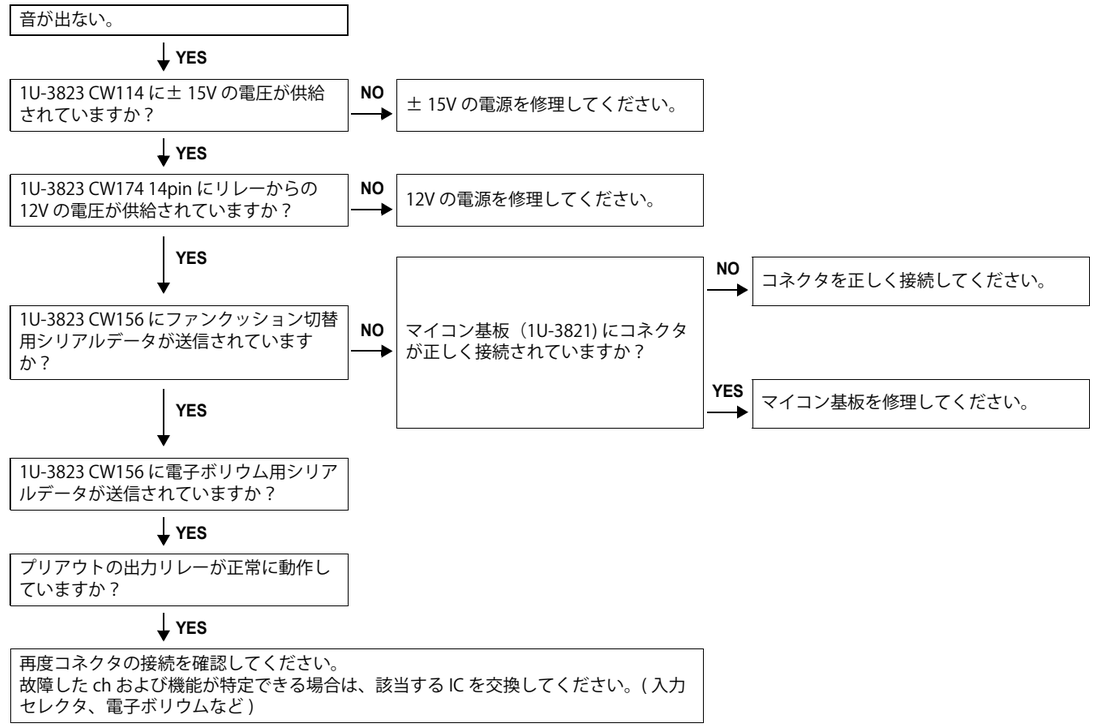
6. Analog audio

6.1. 1U-3823, 1U-3824

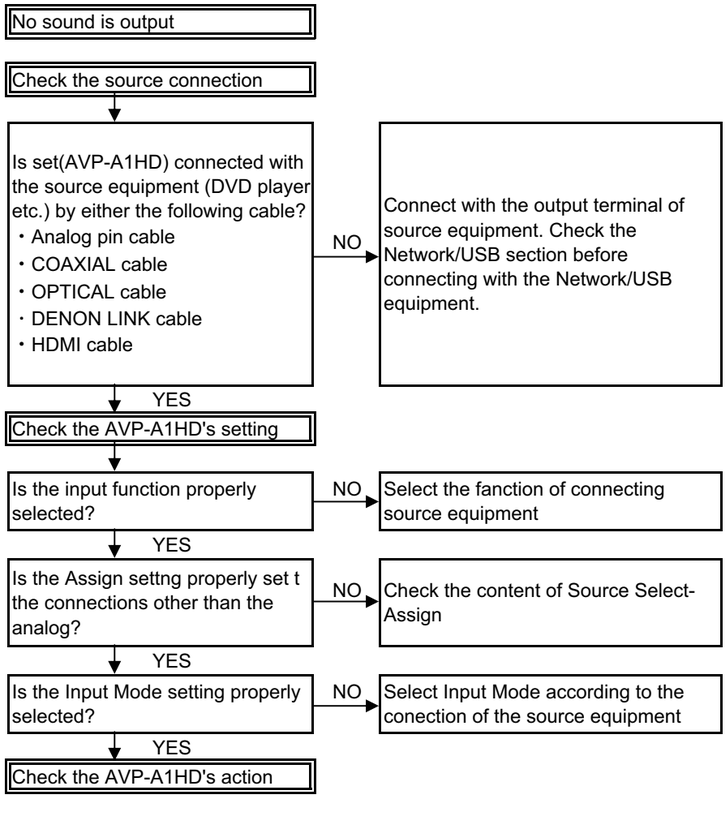


6. アナログオーディオ

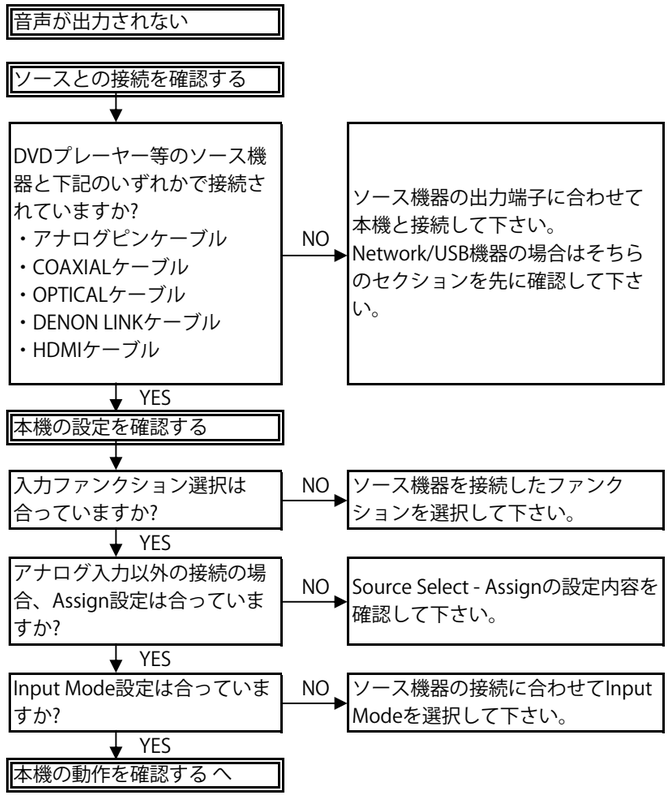
6.1. 1U-3823, 1U-3824

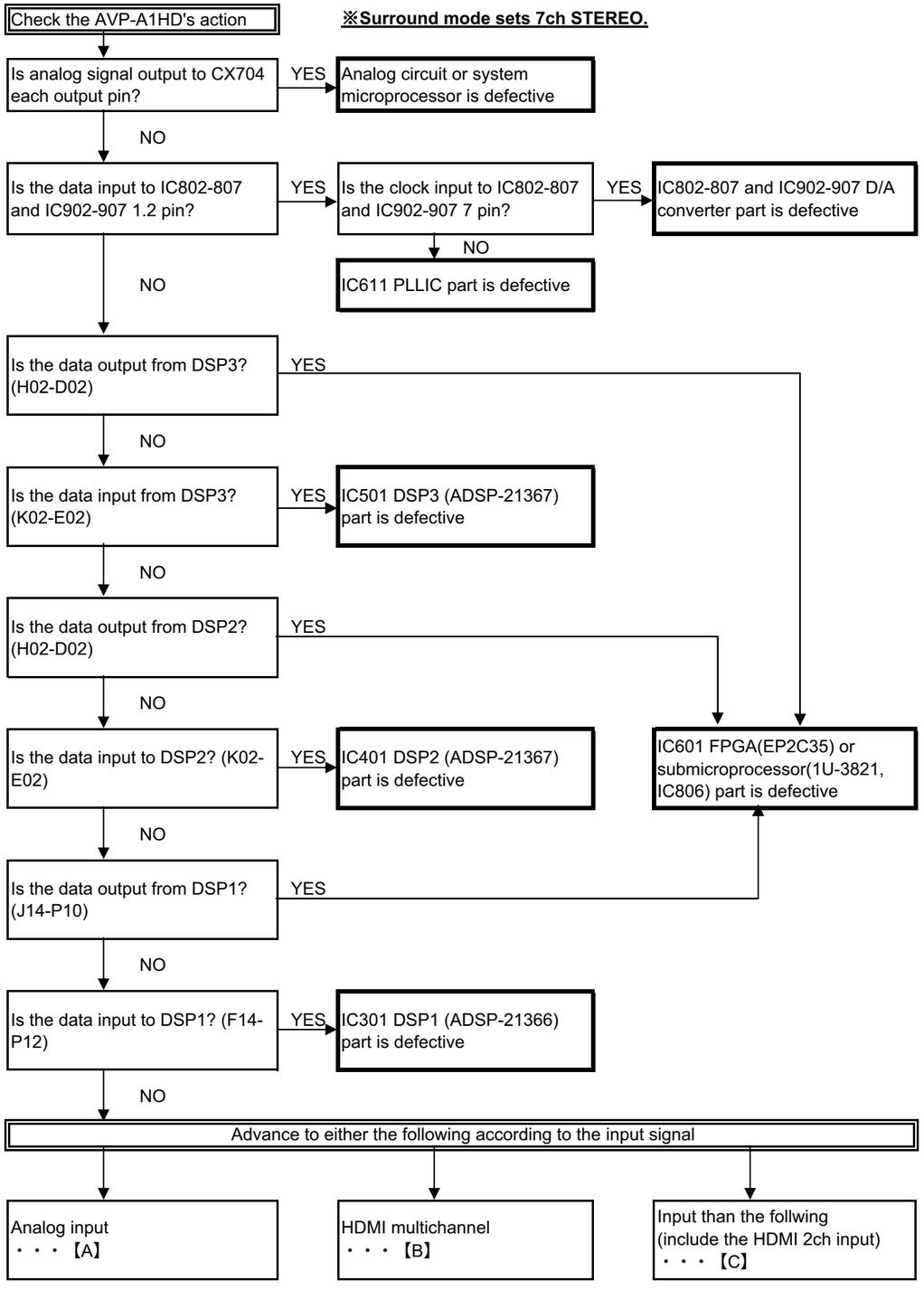


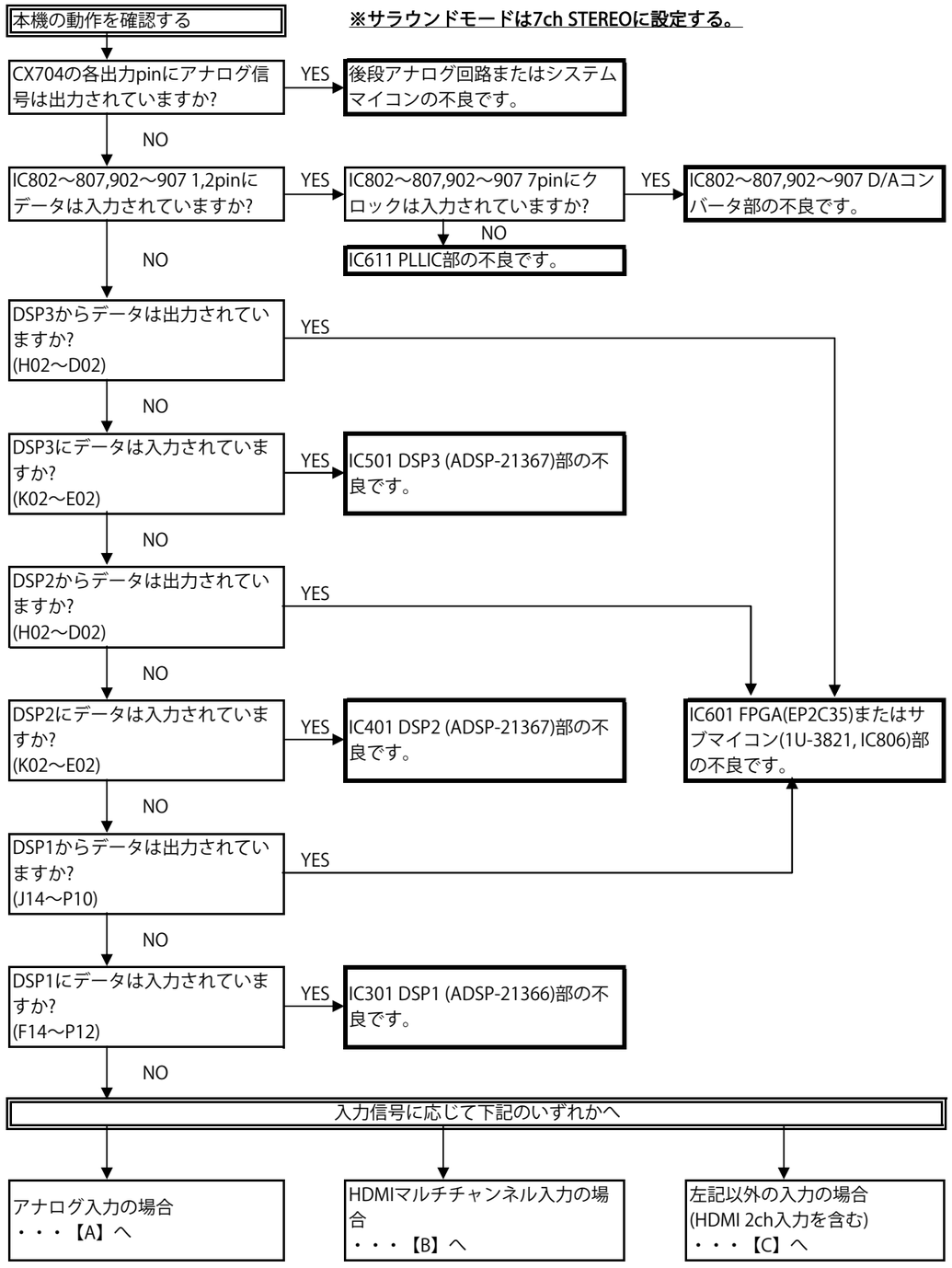
7. Digital Audio

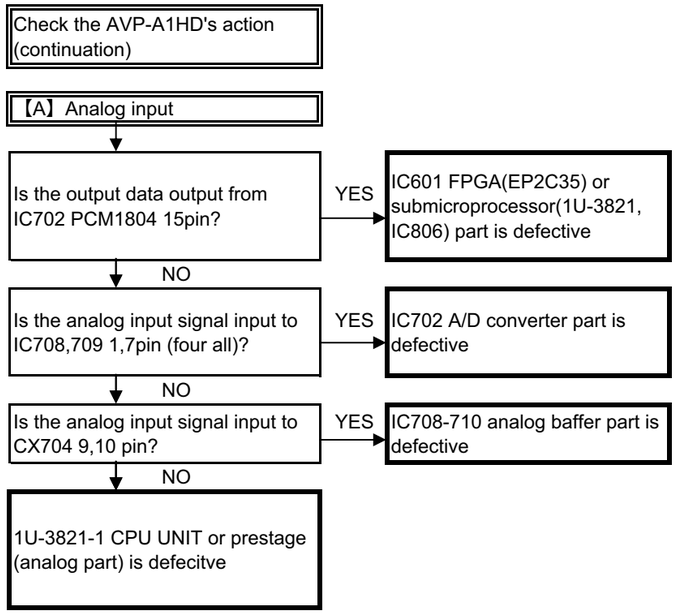


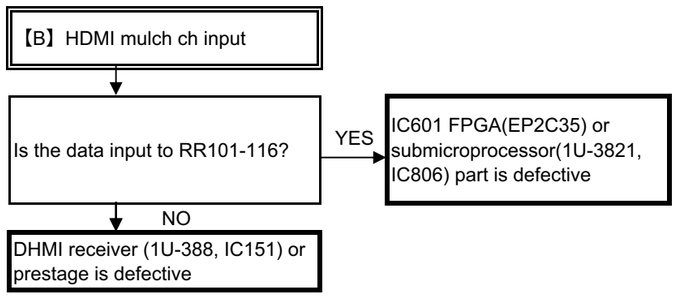
7. デジタルオーディオ

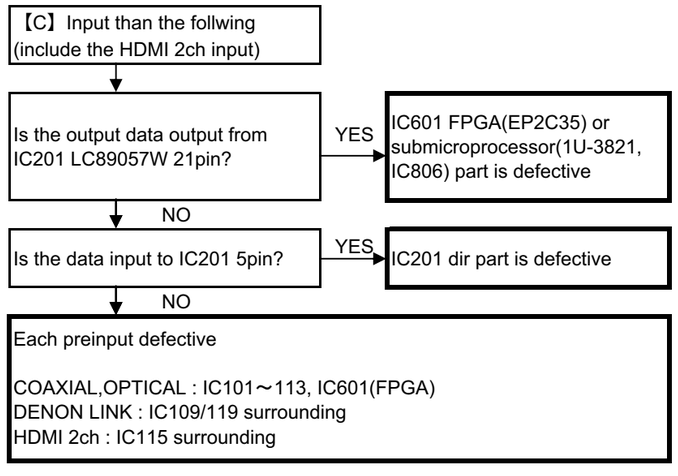


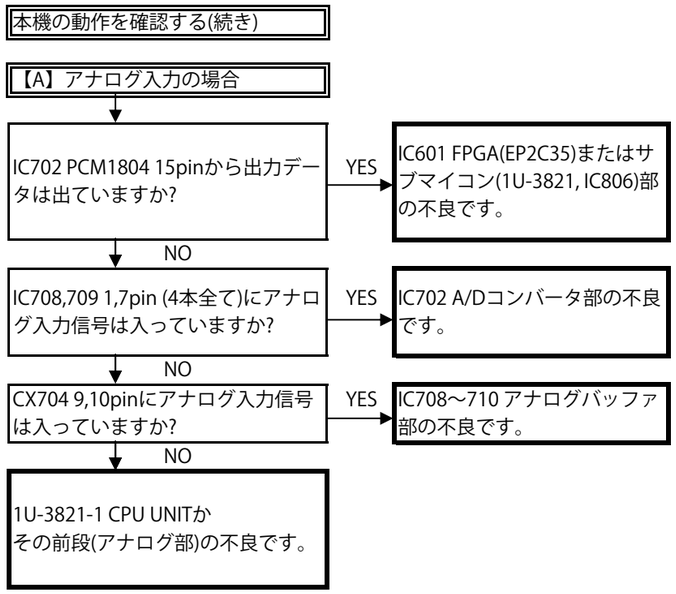

Check the AVP-A1HD's action
※Surround mode sets 7ch STEREO.
Is analog signal output to CX704 each output pin?
YES
Analog circuit or system microprocessor is defective
NO
Is the data input to IC802-807 and IC902-907 1.2 pin?
YES
Is the clock input to IC802-807 and IC902-907 7 pin?
YES
IC802-807 and IC902-907 D/A converter part is defective
NO
IC611 PLLIC part is defective
NO
Is the data output from DSP3? (H02-D02)
YES
NO
Is the data input from DSP3? (K02-E02)
YES
IC501 DSP3 (ADSP-21367) part is defective
NO
Is the data output from DSP2? (H02-D02)
YES
NO
Is the data input to DSP2? (K02-E02)
YES
IC401 DSP2 (ADSP-21367) part is defective
NO
IC601 FPGA(EP2C35) or submicroprocessor(1U-3821, IC806) part is defective
Is the data output from DSP1? (J14-P10)
YES
NO
Is the data input to DSP1? (F14-P12)
YES
IC301 DSP1 (ADSP-21366) part is defective
NO
Advance to either the following according to the input signal
Analog input
・・・【A】
HDMI multichannel
・・・【B】
Input than the follwing
(include the HDMI 2ch input)
・・・【C】

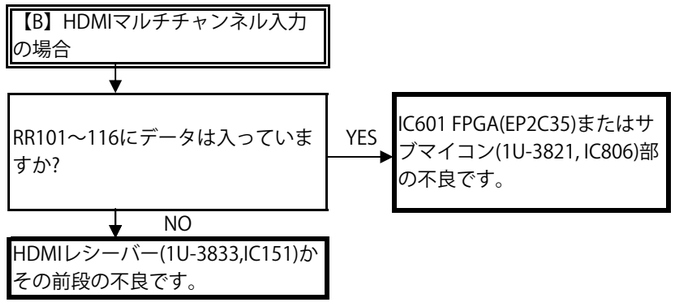

本機の動作を確認する
※サラウンドモードは7ch STEREOに設定する。
CX704の各出力pinにアナログ信号は出力されていますか?
YES
後段アナログ回路またはシステムマイコンの不良です。
NO
IC802～807,902～907 1,2pinにデータは入力されていますか?
YES
IC802～807,902～907 7pinにクロックは入力されていますか?
YES
IC802～807,902～907 D/Aコンバータ部の不良です。
NO
IC611 PLLIC部の不良です。
NO
DSP3からデータは出力されていますか?
(H02～D02)
YES
NO
DSP3にデータは入力されていますか?
(K02～E02)
YES
IC501 DSP3 (ADSP-21367)部の不良です。
NO
DSP2からデータは出力されていますか?
(H02～D02)
YES
NO
DSP2にデータは入力されていますか?
(K02～E02)
YES
IC401 DSP2 (ADSP-21367)部の不良です。
IC601 FPGA(EP2C35)またはサブマイコン(1U-3821, IC806)部の不良です。
NO
DSP1からデータは出力されていますか?
(J14～P10)
YES
NO
DSP1にデータは入力されていますか?
(F14～P12)
YES
IC301 DSP1 (ADSP-21366)部の不良です。
NO
入力信号に応じて下記のいずれかへ
アナログ入力の場合
・・・【A】へ
HDMIマルチチャンネル入力の場合
・・・【B】へ
左記以外の入力の場合
(HDMI 2ch入力を含む)
・・・【C】へ

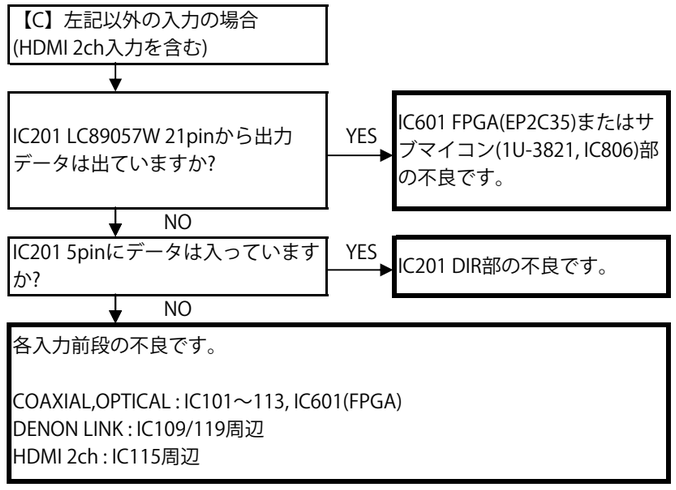

Check the AVP-A1HD's action (continuation)
【A】Analog input
Is the output data output from IC702 PCM1804 15pin?
YES
IC601 FPGA(EP2C35) or submicroprocessor(1U-3821, IC806) part is defective
NO
Is the analog input signal input to IC708,709 1,7pin (four all)?
YES
IC702 A/D converter part is defective
NO
Is the analog input signal input to CX704 9,10 pin?
YES
IC708-710 analog baffer part is defective
NO
1U-3821-1 CPU UNIT or prestage (analog part) is defecitve


【B】HDMI mulch ch input
Is the data input to RR101-116?
YES
IC601 FPGA(EP2C35) or submicroprocessor(1U-3821, IC806) part is defective
NO
DHMI receiver (1U-388, IC151) or prestage is defective


【C】Input than the follwing (include the HDMI 2ch input)
Is the output data output from IC201 LC89057W 21pin?
YES
IC601 FPGA(EP2C35) or submicroprocessor(1U-3821, IC806) part is defective
NO
Is the data input to IC201 5pin?
YES
IC201 dir part is defective
NO
Each preinput defective
COAXIAL,OPTICAL : IC101～113, IC601(FPGA)
DENON LINK : IC109/119 surrounding
HDMI 2ch : IC115 surrounding


本機の動作を確認する(続き)
【A】アナログ入力の場合
IC702 PCM1804 15pinから出力データは出ていますか?
YES
IC601 FPGA(EP2C35)またはサブマイコン(1U-3821, IC806)部の不良です。
NO
IC708,709 1,7pin (4本全て)にアナログ入力信号は入っていますか?
YES
IC702 A/Dコンバータ部の不良です。
NO
CX704 9,10pinにアナログ入力信号は入っていますか?
YES
IC708～710 アナログバッファ部の不良です。
NO
1U-3821-1 CPU UNITか
その前段(アナログ部)の不良です。


【B】HDMIマルチチャンネル入力の場合
RR101～116にデータは入っていますか?
YES
IC601 FPGA(EP2C35)またはサブマイコン(1U-3821, IC806)部の不良です。
NO
HDMIレシーバー(1U-3833,IC151)かその前段の不良です。


【C】左記以外の入力の場合 (HDMI 2ch入力を含む)
IC201 LC89057W 21pinから出力データは出ていますか?
YES
IC601 FPGA(EP2C35)またはサブマイコン(1U-3821, IC806)部の不良です。
NO
IC201 5pinにデータは入っていますか?
YES
IC201 DIR部の不良です。
NO
各入力前段の不良です。
COAXIAL,OPTICAL : IC101～113, IC601(FPGA)
DENON LINK : IC109/119周辺
HDMI 2ch : IC115周辺

8. DPMS Update ④

8.1. About the display on the FL Display

	Display		State		Measure
1	Upper	Login failed	Log-in to DPMS has failed.	→	Perform the resetting procedure, then perform the update procedure over again.
	Lower				
2	Upper	Server is busy	Line, etc., is busy when logging into DPMS.	→	Then perform the update procedure over again.
	Lower				
3	Upper	Connection fail	Not connected to network.	→	Check the network connection.
	Lower				
4	Upper		Status prior to starting update procedure.		
	Lower	Updating			
5	Upper		Currently updating. The progress of updating is indicated in % at "xx".		
	Lower	Updating xx%			
6	Upper	Updating failed	Updating has failed.	→	Turn the power off then back on. Updating starts automatically.
	Lower				
7	Upper	Please wait・・・	Displayed when updating resumes after it has failed.		
	Lower	Update retry			
8	Upper	Update retry	Log-in to DPMS after automatic update recovery has failed.	→	Perform the resetting procedure, then perform the update procedure over again.
	Lower	Login failed			
9	Upper	Update retry	Line, etc., is busy when logging into DPMS after automatic update recovery, etc.	→	Turn the power off then back on. Updating starts automatically.
	Lower	Server is busy			
10	Upper	Update retry	Connection to network could not be performed when connecting to network after automatic update recovery.	→	Check the network connection.
	Lower	Connection fail			

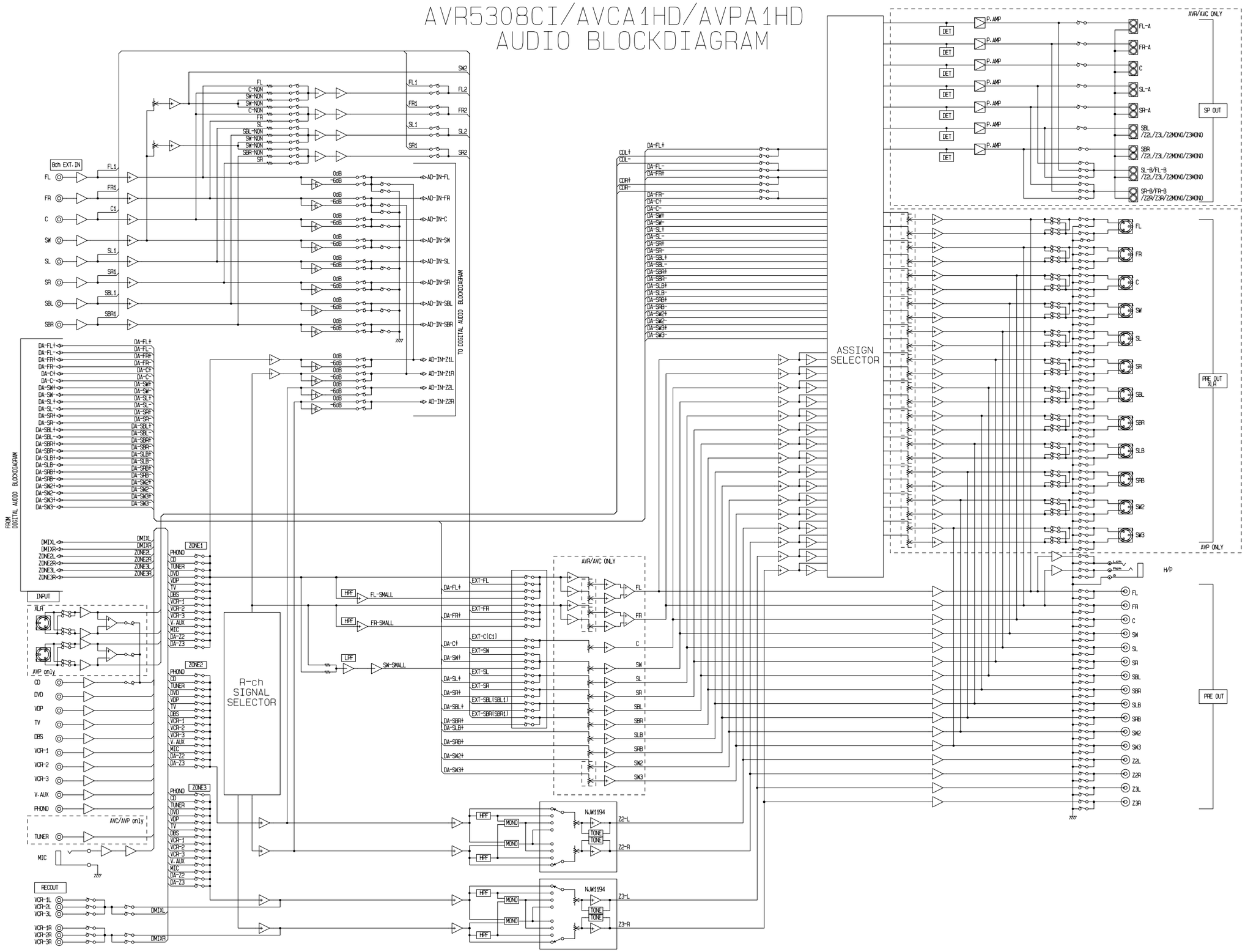
8. DPMS アップデート ④

8.1. FL Display 表示に関して

	表示内容		状態		対処
1	上段	Login failed	DPMS への Login に失敗した。	→	初期化の操作をおこない、再度、Update の操作をおこなってください。
	下段				
2	上段	Server is busy	DPMS への Login の際に回線等が混み合っている。	→	再度、Update の操作をおこなってください。
	下段				
3	上段	Connection fail	Network に接続していない。	→	Network の接続を確認してください。
	下段				
4	上段		Update 開始前の状態。		
	下段	Updating			
5	上段		Update 実行中。 xx に Update の進行状況が % で表示されます。		
	下段	Updating xx%			
6	上段	Updating failed	Update に失敗したとき。	→	電源を入れなおしてください。自動的に Update が開始されます。
	下段				
7	上段	Please wait…	Update 失敗後に、再度 Update が開始される場合に表示されます。		
	下段	Update retry			
8	上段	Update retry	Update の自動リカバリ実行後に DPMS への Login に失敗した。	→	初期化の操作をおこない、再度、Update の操作をおこなってください。
	下段	Login failed			
9	上段	Update retry	Update の自動リカバリ実行後に DPMS への Login 等の際に回線等が混み合っている。	→	電源を入れなおしてください。再度、自動的に Update が開始されます。
	下段	Server is busy			
10	上段	Update retry	Update の自動リカバリ実行後に Network へ接続した際に Network への接続がおこなえなかった。	→	Network の接続を確認してください。
	下段	Connection fail			

BLOCK DIAGRAMS (1/3)

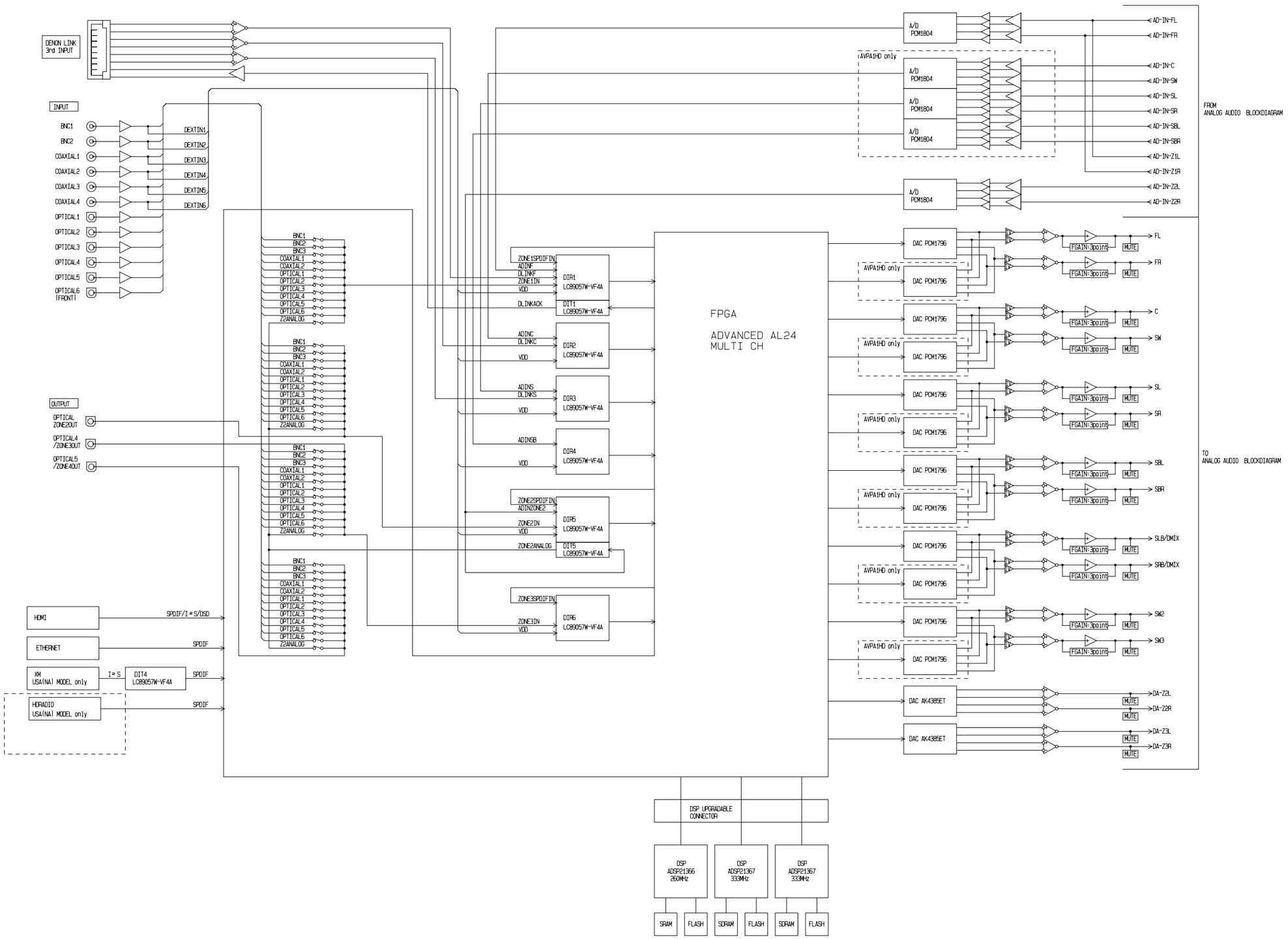
ANALOG AUDIO BLOCK DIAGRAM



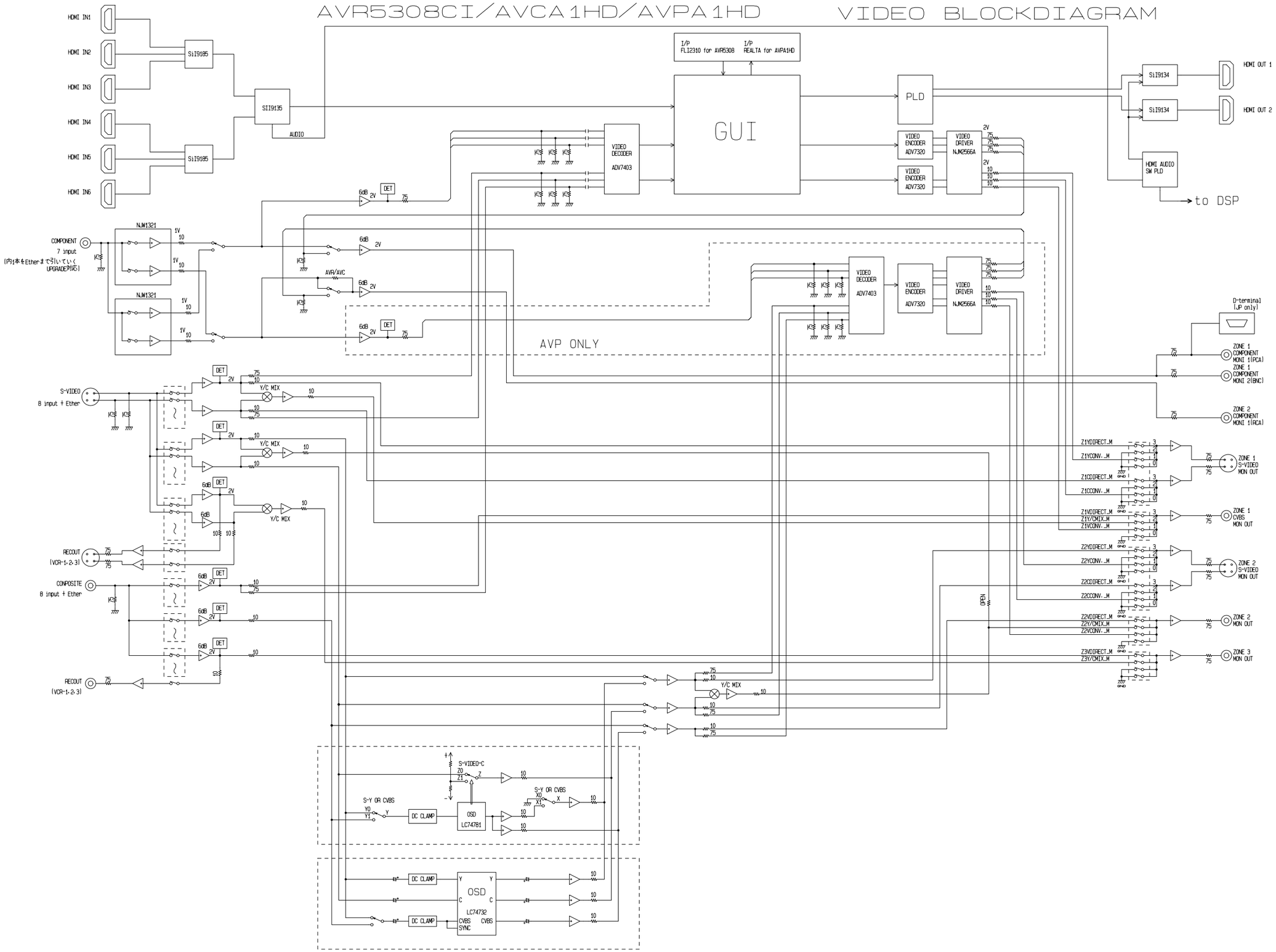
BLOCK DIAGRAMS (2/3)

DIGITAL AUDIO BLOCK DIAGRAM

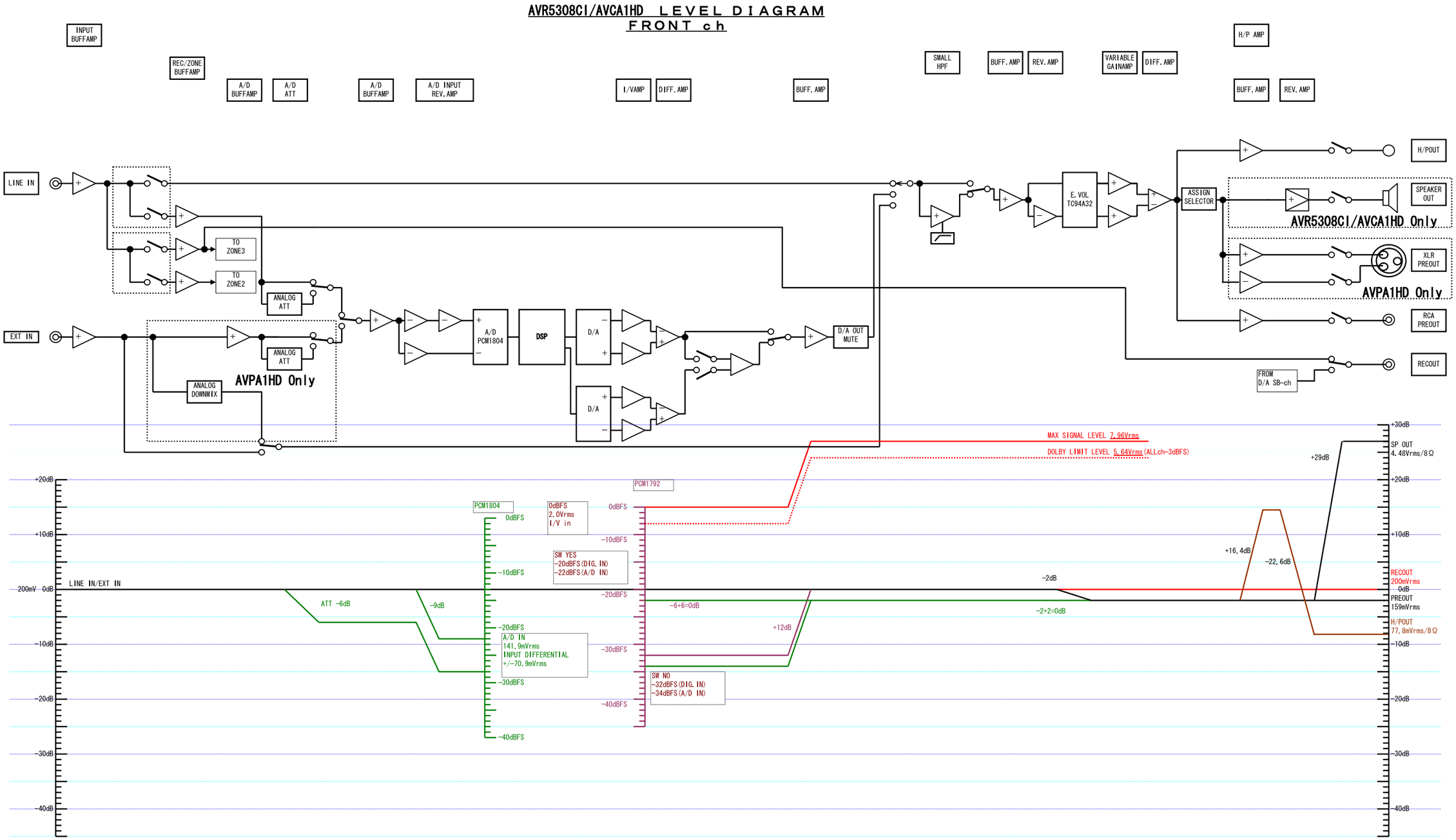
AVR5308CI/AVPA1HD DIGITAL AUDIO BLOCKDIAGRAM



BLOCK DIAGRAMS (3/3)
VIDEO BLOCK DIAGRAM

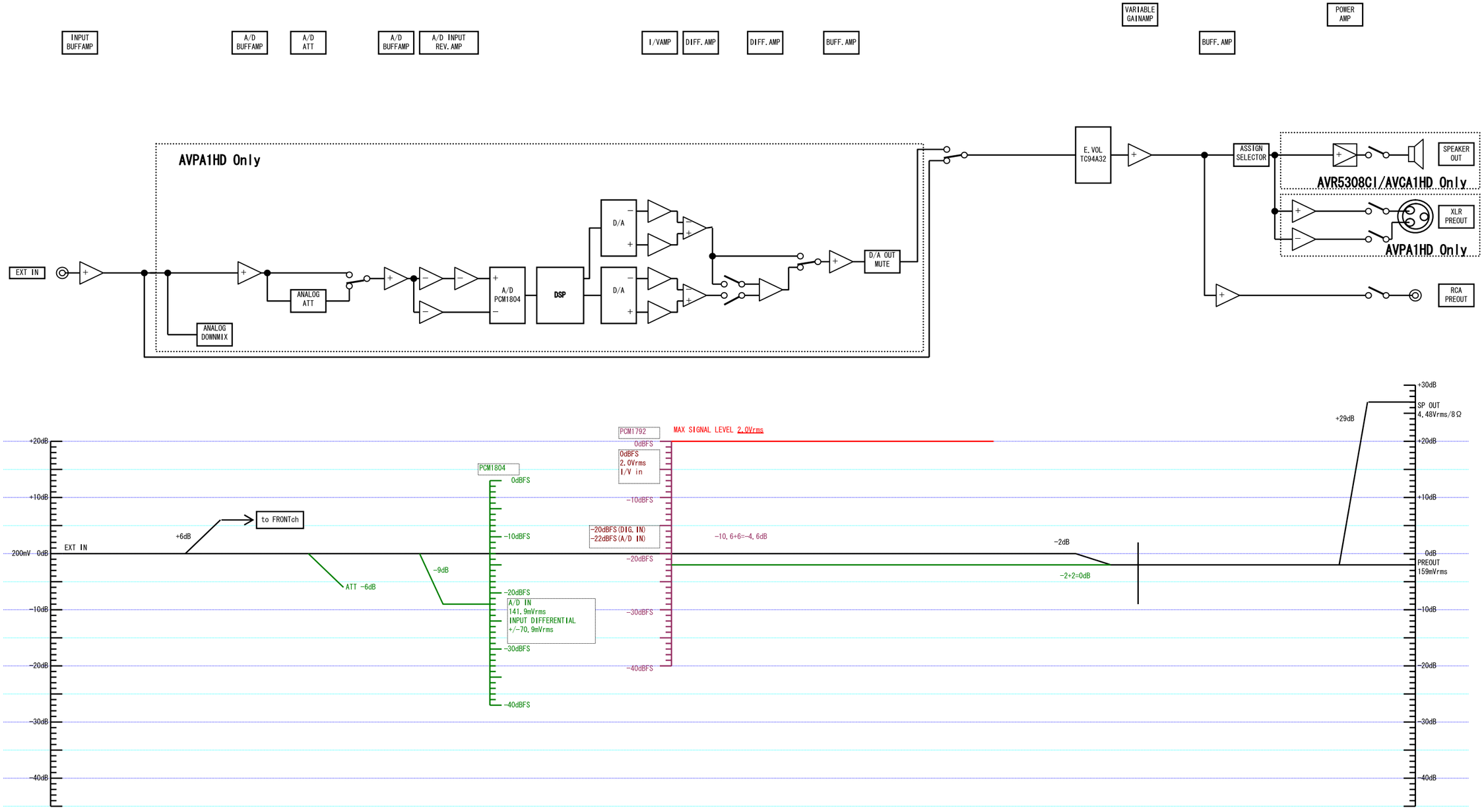


LEVEL DIAGRAMS (1/11)



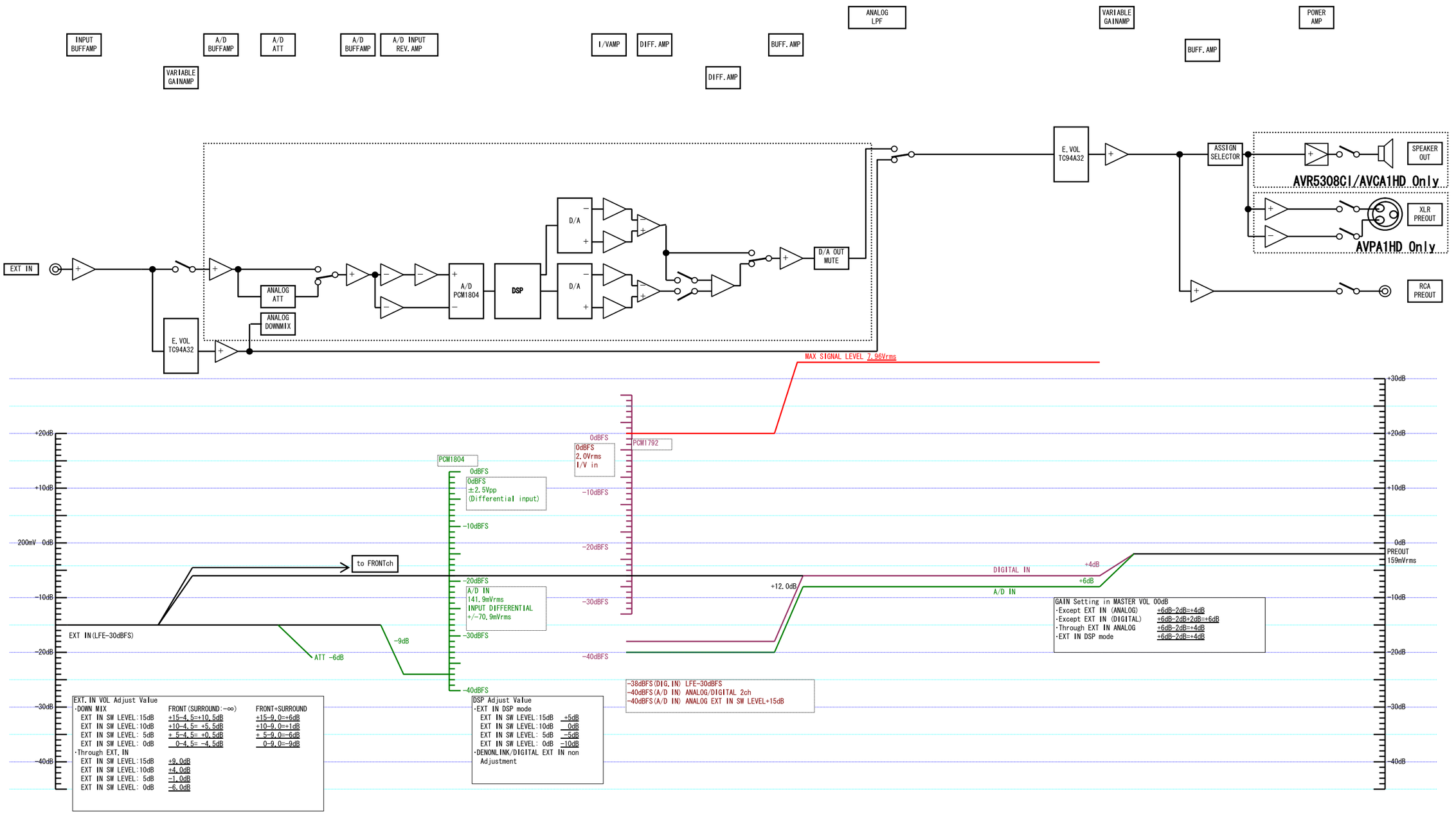
LEVEL DIAGRAMS (2/11)

AVR5308CI/AVCA1HD LEVEL DIAGRAM
CENTER ch



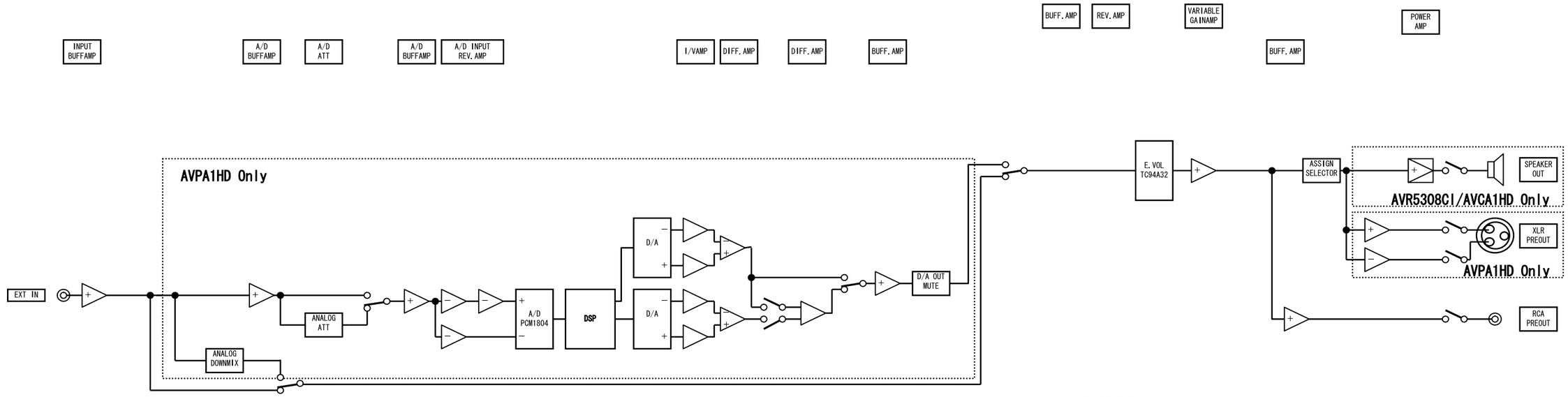
LEVEL DIAGRAMS (3/11)

AVR5308CI/AVCA1HD LEVEL DIAGRAM
SUBWOOFER ch



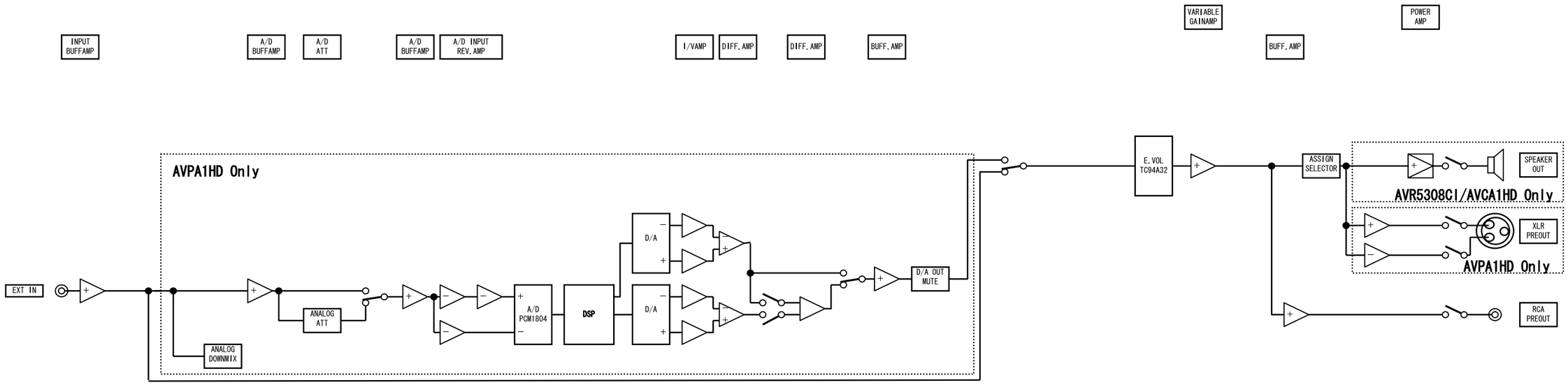
LEVEL DIAGRAMS (4/11)

AVR5308CI/AVCA1HD DIAGRAM
SURROUND ch



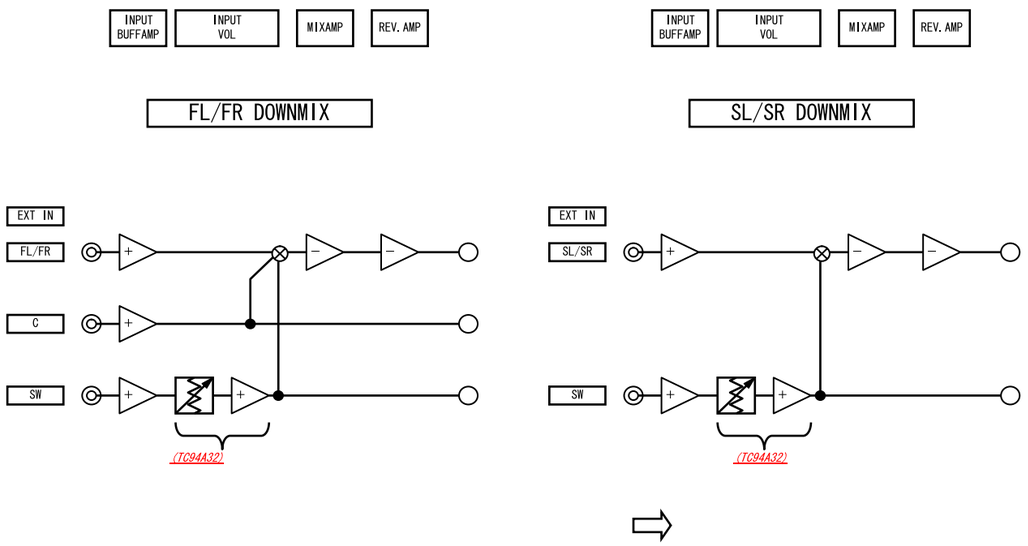
LEVEL DIAGRAMS (5/11)

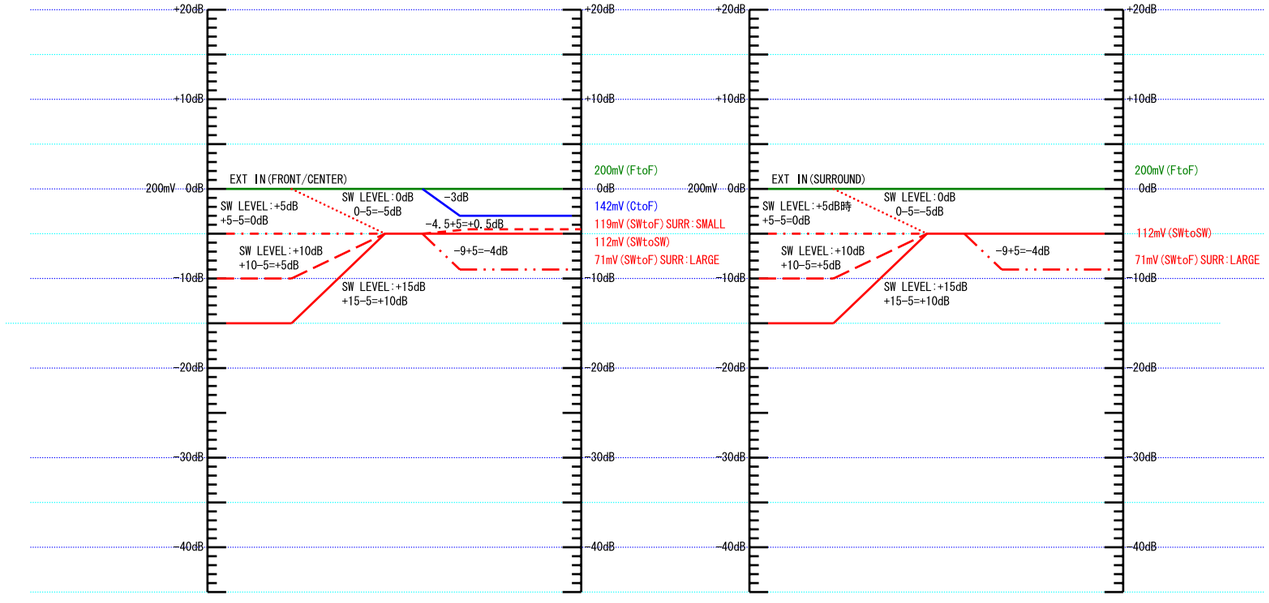
AVR5308CI/AVCA1HD LEVEL DIAGRAM
SURROUND BACK ch



LEVEL DIAGRAMS (6/11)

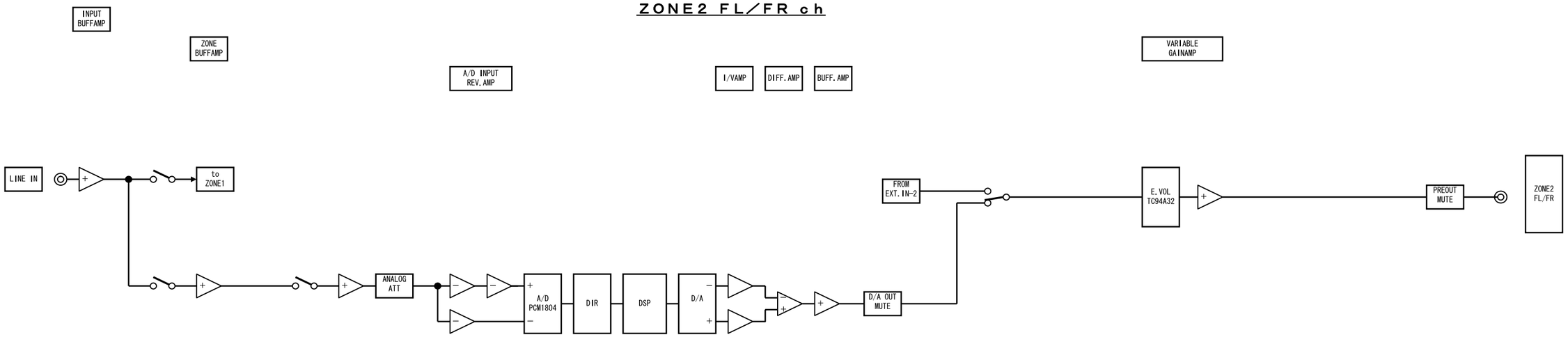
AVR5308CI/AVCA1HD LEVEL DIAGRAM
EXT IN ANALOG DOWNMIX

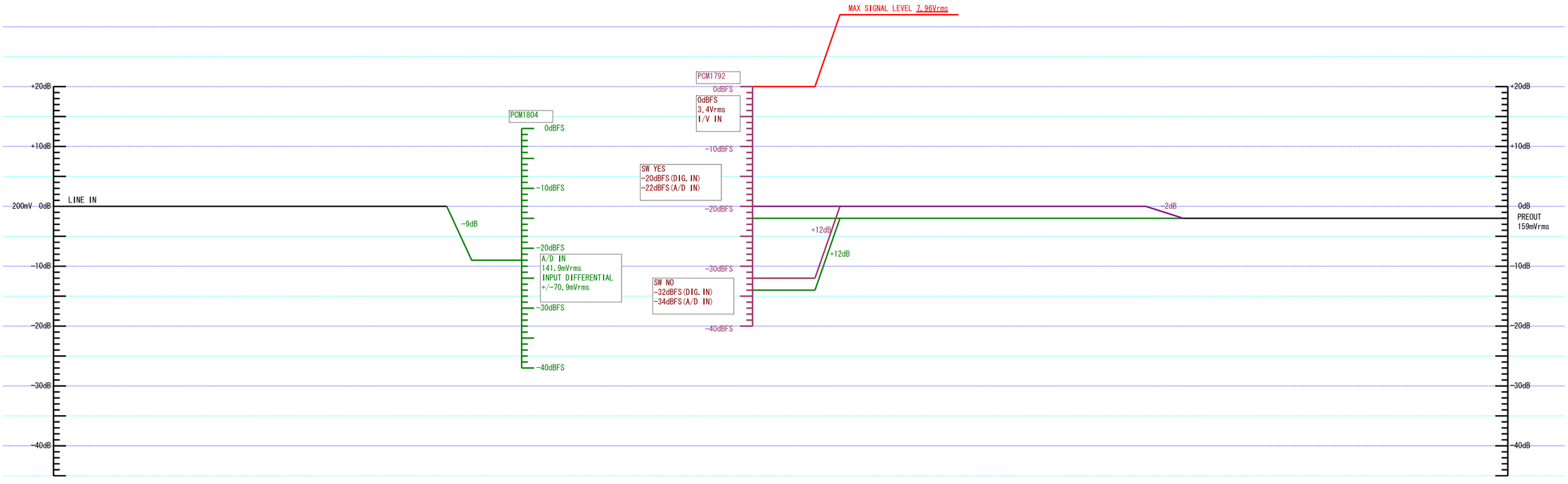




LEVEL DIAGRAMS (7/11)

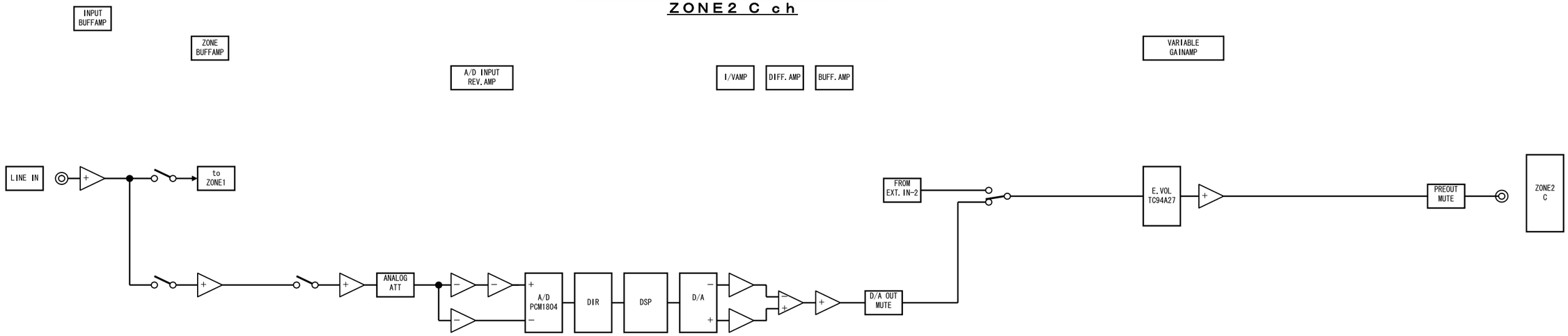
AVR5308CI/AVCA1HD LEVEL DIAGRAM
ZONE2 FL/FR ch

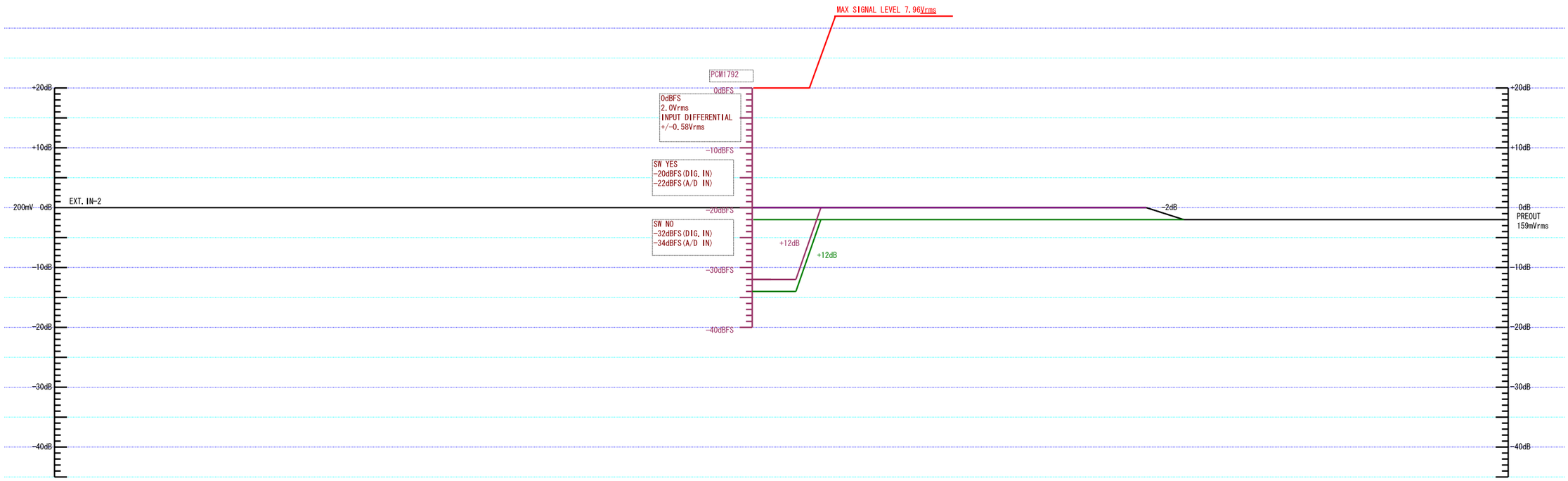




LEVEL DIAGRAMS (8/11)

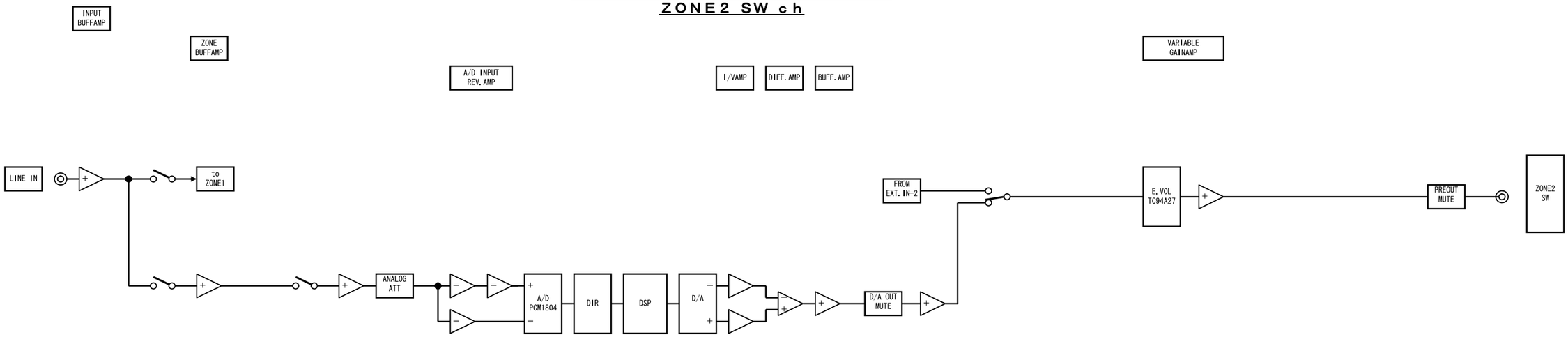
AVR5308CI/AVCA1HD LEVEL DIAGRAM
ZONE2 C ch

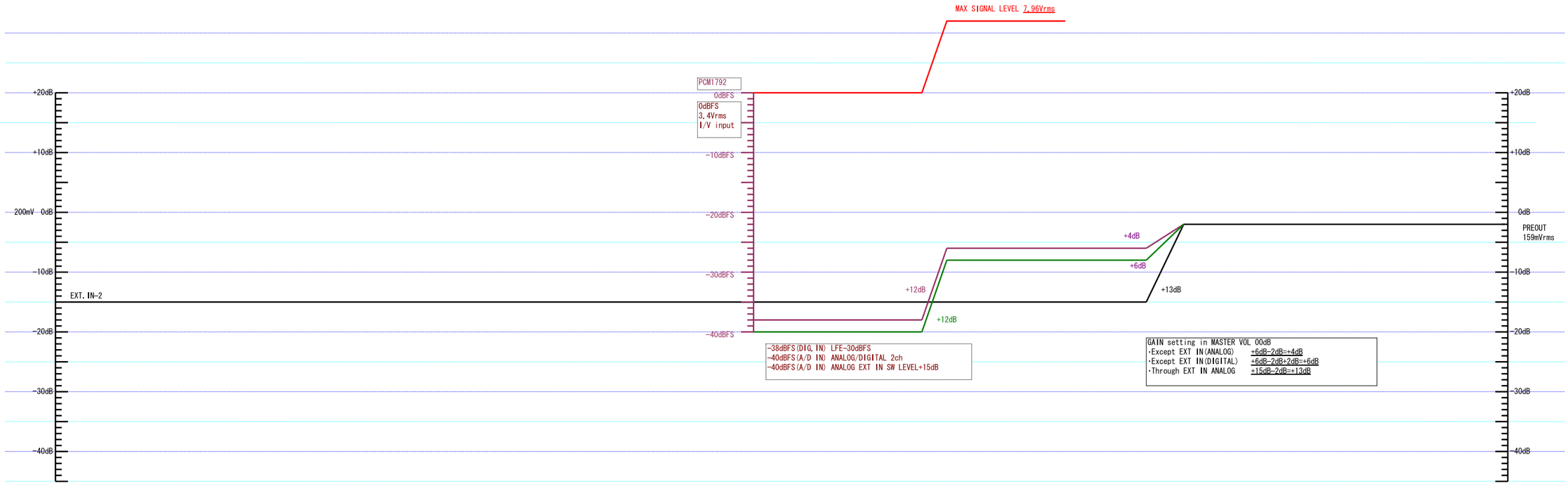




LEVEL DIAGRAMS (9/11)

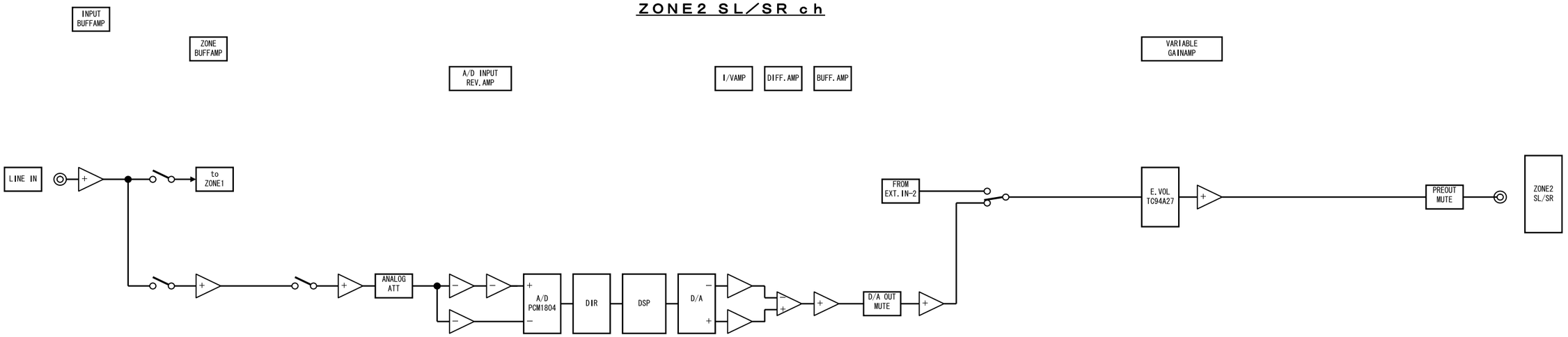
AVR5308CI/AVCA1HD LEVEL DIAGRAM
ZONE2 SW ch

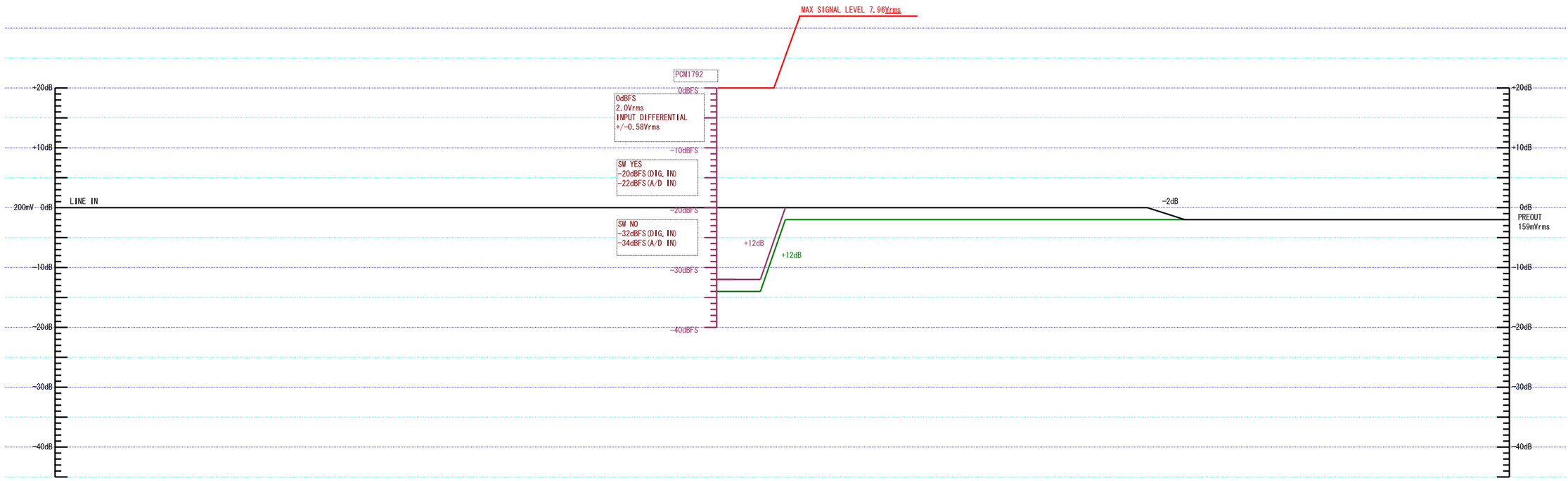




LEVEL DIAGRAMS (10/11)

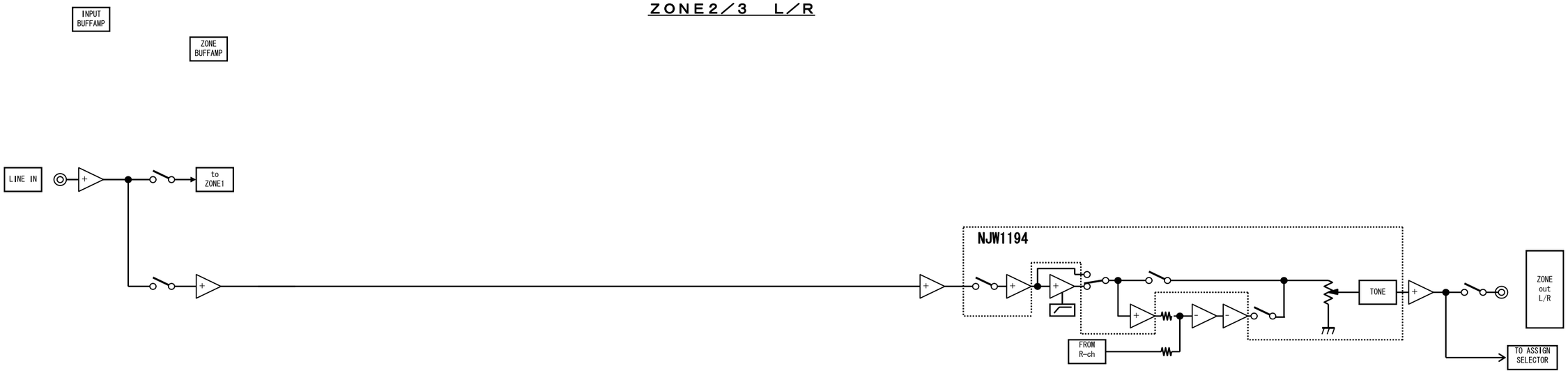
AVR5308CI/AVCA1HD LEVEL DIAGRAM
ZONE2 SL／SR ch

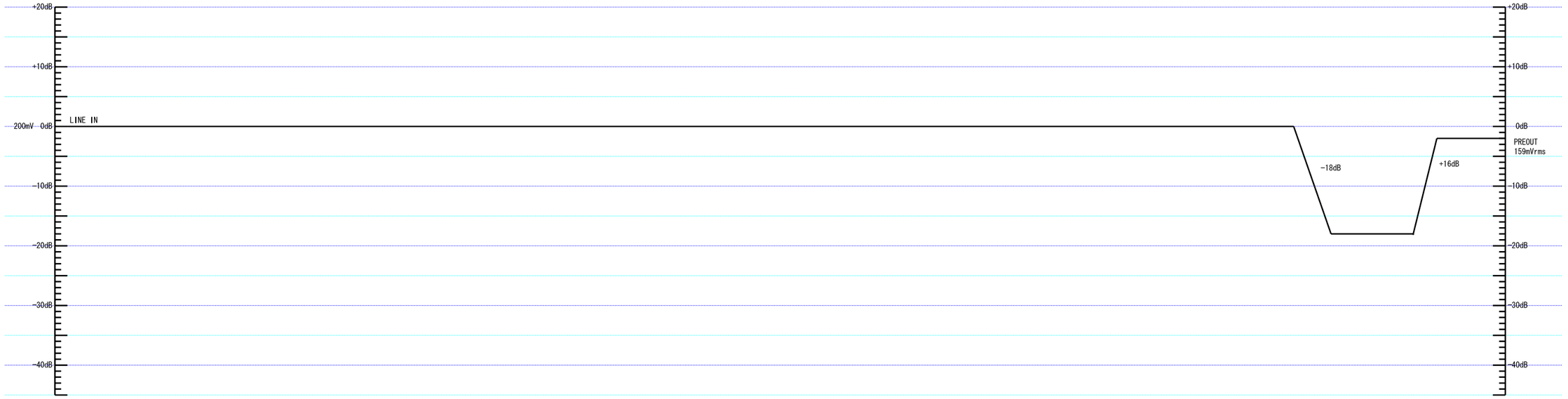




LEVEL DIAGRAMS (11/11)

AVR5308CI/AVCA1HD　L E V E L　D I A G R A M
Z O N E 2 ／ 3　　L ／ R





--MEMO--

SEMICONDUCTORS

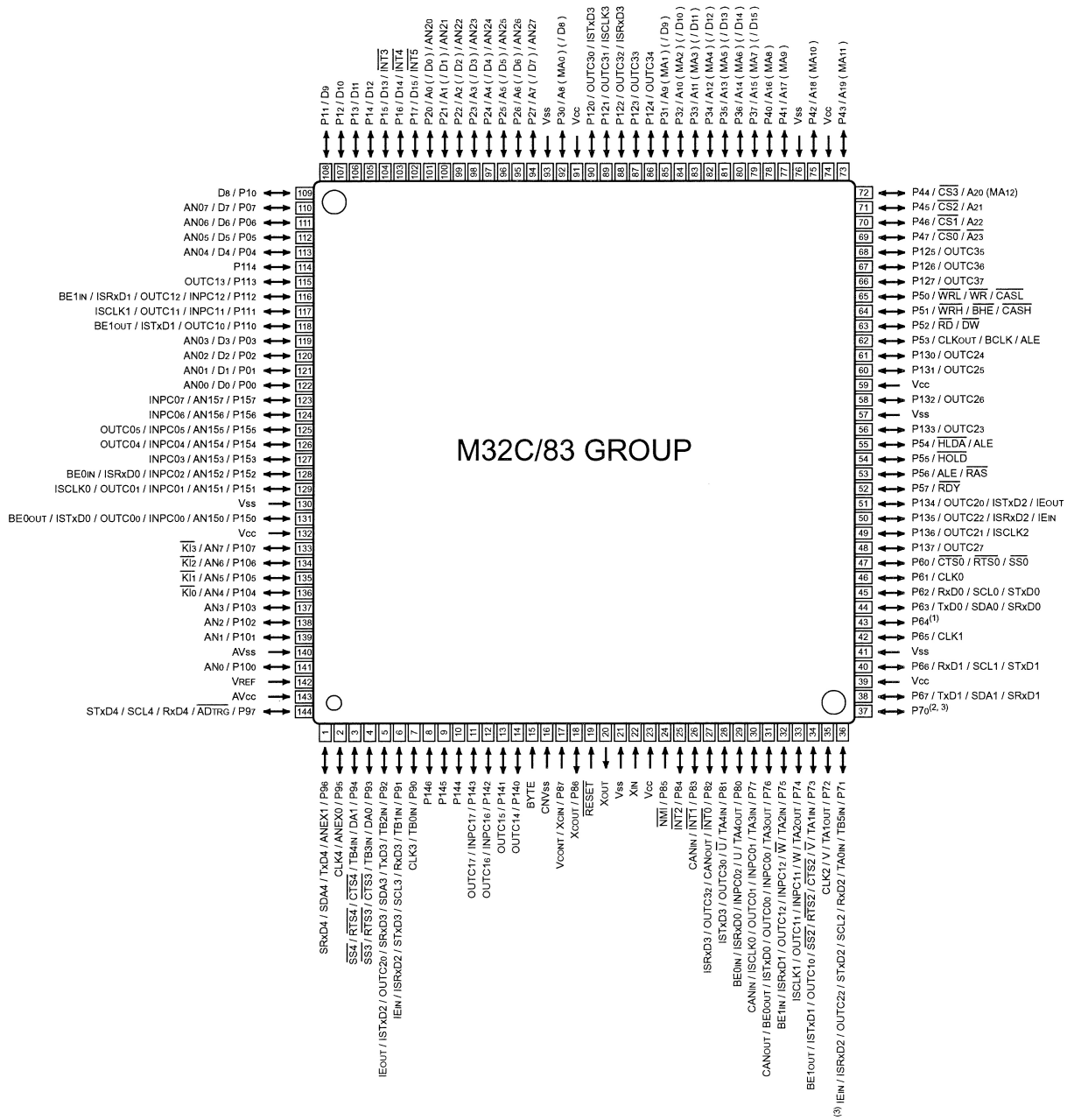
Only major semiconductors are shown, general semiconductors etc. are omitted to list.
The semiconductor which described a detailed drawing in a schematic diagram are omitted to list.
主な半導体を記載しています。汎用の半導体は記載を省略しています。
回路図の中に詳細図がある半導体は記載を省略しています。

1. IC's

Note : Abbreviation ahead of IC No. indicates the name of P.W.B. UNIT.
注) : IC No. の前の記号は、基板の名称を表します。

CPU	: CPU P.W.B. UNIT	VOL/REG	: FRONT P.W.B. UNIT
A.VIDEO	: AUDIO VIDEO P.W.B. UNIT	FRONT	: AUDIO/CPU P.W.B. UNIT
A.AUDIO	: ANALOG AUDIO P.W.B. UNIT	D.REG	: DIGITAL POWER P.W.B. UNIT
HD JOINT	: HD JOINT P.W.B. UNIT		

M3087BFLBGP (CPU: IC905)



NOTES:
1. P64 / CTS1 / RTS1 / SS1 / OUTC21 / ISCLK2
2. P70 / TA0OUT / TxD2 / SDA2 / SRxD2 / OUTC20 / ISTxD2 / IEOUT
3. P70 and P71 are ports for the N-channel open drain output.

M3087BFLBGP Terminal Function

Pin	Pin Name	Symbol	I/O	Type	Det	VCC	Op(Ext.)	Res	STBY	stop	Function
1	P96/TXD4	(POA LINK TXD)	O	C	-	5V	Ed	Z	O/L	O/L	(AVP-POA LINK comm. control pin for AVPA1HD)
2	P95/CLK4	GRNLED	O	C	-	5V	Ed	Z	O/L	O/L	POWER/STANDBY LED control pin (ON : H)
3	P94/CTS4	TU/RDS CLK/(MPLD CLK)	O	C	-	5V	-	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)/MAIN PLD rewrite control pin
4	P93/$\overline{\text{CTS3}}$	TU/RDS DIN	O	C	-	5V	-	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)
5	P92/TXD3	232C-2 TXD	O	C	-	5V		Z	O/L	O/L	232C-2 control
6	P91/RXD3	232C-2 RXD	O(I)	-	-	5V	-	Z	O/L	O/L	232C-2 control
7	P90/CLK3	GUI REQ	O	C	-	5V	-	Z	O/L	O/L	GUI control pin
8	P146/$\overline{\text{INT8}}$	REMOTE DET	I	-	E ↓ &H	5V	-	Z	O/L	O/L	ROOM TO ROOM Signal detect pin (Detected : H)
9	P145/$\overline{\text{INT7}}$	(MOLD TDO)	I	-	E ↓ &H	5V	Ed	Z	I	I	(MAIN PLD rewrite control pin)
10	P144/$\overline{\text{INT6}}$	$\overline{\text{PROTECTION}}$	I	-	E ↓ &L	5V	Ed	Z	I	I	PROTECTION detect pin
11	P143	ZONE2 OSD_STB	O	C	-	5V	-	Z	O/L	O/L	ZONE2 OSD control pin
12	P142	ZONE2 OSD_DATA	O	C	-	5V	-	Z	O/L	O/L	ZONE2 OSD control pin
13	P141	ZONE2 OSD_CLK	O	C	-	5V	-	Z	O/L	O/L	ZONE2 OSD control pin
14	P140	EEPROM DIN	I	-	-	5V	-	Z	I	O/L	EEPROM control pin (M95128)
15	BYTE	BYTE	-	-	-	-	-	-	-	-	GND (Ext. data bus bit width switching, 16bit : L)
16	CNVss	CNVSS	I	-	-	5V	Ed	Z	I	I	Single-chip / Micro-processor mode switching (Normal single-chip : L,Rewrite boot program start : H input set)
17	P87/XCIN	X2 VOLTAGE DET	I	-	E ↓ &L	5V	Eu	Z	O/L	O/L	Voltage detection control pin
18	P86/XCOUT	REDLED	O	C	-	5V	Ed	Z	O/L	O/L	POWER/STANDBY LED control pin (ON : H)
19	$\overline{\text{RESET}}$	$\overline{\text{RESET}}$	I	-	Lv	5V	Eu	L	I	I	Reset input (reset : L)
20	XOUT	X2	O	-	-	5V	-	-	O/L	O/L	Clock output
21	VSS	VSS	-	-	-	5V	-	-	-	-	GND
22	XIN	X1	I	-	-	5V	-	-	I	I	Clock input
23	VCC	VCC1	-	-	-	5V	-	-	-	-	+5V
24	P85/$\overline{\text{NMI}}$	_$\overline{\text{NMI}}$	I	-	-	5V	-	-	-	-	Not used (Fixed to H)
25	P84/$\overline{\text{INT2}}$	$\overline{\text{B.DOWN}}$	I	-	E ↓ &L	5V	Eu	Z	I	I	Power down detect (Power down : L)
26	P83/$\overline{\text{INT1}}$	$\overline{\text{POWER KEY}}$	I	-	E ↓ &L	5V	Eu		I	I	Interrupt port for WAIT mode cancel
27	P82/$\overline{\text{INT0}}$	REMOCON	I	-	E ↑ &L	5V	Ed	Z	I	I	Remote control signal input
28	P81	MPLD WRITE	I/O	-	-	5V	Eu	Z	I	I	Normal:input port "Z",MAIN CPU PLD rewrite:output "L"
29	P80/RXD5	iPod RXD MIIO	I	-	-	5V	-	Z	I	O/L	IPOD comm. control pin
30	P77/CLK5	RDS DATAOUT	I	-	E ↓ &L	5V	Eu	-	O/L	O/L	RDS data input (LC72720)
31	P76/TXD5	iPod TXD MOII	O	C	-	5V	-	Z	O/L	O/L	IPOD comm. control pin
32	P75/(ISRXD1(UART))	TU STB/(MPLD MS)	O	C	-	5V	-	Z	O/L	O/L	TUNER PLL control pin (LC72131)/MAIN PLD rewrite control pin
33	P74/(ISCLK1)	TU DOUT/(MPLDTDI_M)	I	-	Lv	5V	Ed	-	O/L	O/L	TUNER PLL control pin (LC72131)/MAIN PLD rewrite control pin
34	P73/(ISTXD1(UART))	EEPROM CS	O	C	-	5V	-	Z	O/L	O/L	EEPROM control pin (M95128)
35	P72/CLK2	GUI CLK	O	C	-	5V	-	Z	O/L	O/L	GUI control pin
36	P71/RXD2	GUI RX	I	-	-	5V	-	Z	I	O/L	GUI control pin
37	P70/TXD2	GUI TX	O	N	-	5V	Eu	Z	O/L	O/L	GUI control pin
38	P67/TXD1	TXD MO232I	O	C	-	5V	-	Z	O/L	O/L	Data transfer output to outside (AMX)
39	VCC	VCC	-	-	-	5V	-	-	-	-	+5V
40	P66/RXD1	RXD MI232O	I	-	-	5V	Ed	Z	I	O/L	Data receive input from outside (AMX)
41	VSS	VSS	-	-	-	-	-	-	-	-	GND
42	P65/CLK1(SCLK)	SCLK	O	C	-	5V	Ed	Z	O/L	O/L	For emulator
43	P64/$\overline{\text{CTS1}}$(BUSY)	BUSY	O	C	-	5V	Ed	Z	O/L	O/L	For emulator
44	P63/TXD0	E_RXDMOEI	O	C	-	5V	-	Z	O/L	O/L	ETHERNET comm. control pin
45	P62/RXD0	E_TXDMIEO	I	-	-	5V	-	Z	I	O/L	ETHERNET comm. control pin
46	P61/CLK0	EEPROM CLK	O	C	-	5V	-	Z	O/L	O/L	EEPROM control pin (M95128)
47	P60/$\overline{\text{CTS0}}$	EEPROM DOUT	O	C	-	5V	-	Z	O/L	O/L	EEPROM control pin (M95128)
48	P137	GUI ACK	I	-	E ↓ &L	3V	-	Z	O/L	O/L	GUI control pin
49	P136/ISCLK2(SPI)	CLKMO	O	C	-	3V	-	Z	O/L	O/L	MAIN-SUB μcom comm. control pin
50	P135/ISRXD2(SPI)	SOMI	I	-	-	3V	-	Z	I	O/L	MAIN-SUB μcom comm. control pin
51	P134/ISTXD2(SPI)	MOSI	O	C	-	3V		Z	O/L	O/L	MAIN-SUB μcom comm. control pin
52	P57/$\overline{\text{RDY}}$	$\overline{\text{RDY}}$	I	-	Lv	3V	Eu	Z	O/L	O/L	External memory access pin
53	P56/ALE	ALE	O	C	-	3V		Z	O/L	O/L	External memory access pin
54	P55/$\overline{\text{HOLD}}$/$\overline{\text{EPM}}$	HOLD/$\overline{\text{FLASH EPM}}$	I	-	Lv	3V	Eu	Z	O/L	O/L	External memory access pin/Rewrite boot program start : L input set
55	P54/$\overline{\text{HLDA}}$	$\overline{\text{HLDA}}$	O	C	Lv	3V	Eu	Z	O/L	O/L	External memory access pin

Pin	Pin Name	Symbol	I/O	Type	Det	VCC	Op(Ext.)	Res	STBY	stop	Function
56	P133	ACK SOMI	I	-	E ↓ &L	3V	Ed	Z	I	O/L	MAIN-SUB μcom comm. control pin
57	VSS	VSS	-	-	-	-	-	-	-	-	GND
58	P132	REQ SIMO	O	C	-	3V	Ed	Z	O/L	O/L	MAIN-SUB μcom comm. control pin
59	VCC	VCC2	-	-	-	3V	-	-	-	-	+3.3V
60	P131	RST SUB	O	C	-	3V	Ed	Z	O/L	O/L	SUB-Épcom reset output
61	P130	POWER/AC/TRIGGER RL	O	C	-	3V	Ed	Z	O/L	O/L	MAIN POWER/TRIGGER POWER relay control output (ON : H)
62	P53	CLKOUT	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
63	P52/$\overline{RD}$	$\overline{RD}$	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
64	P51/$\overline{BHE}$	$\overline{BHE}$	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
65	P50/$\overline{WRL}$/$\overline{WR}$/CE	$\overline{WR}$/FRASH CE	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
66	P127	E_RESET	O	C	-	3V	Ed	Z	O/L	O/L	ETHERNET comm. control pin
67	P126	E SPI MIEO	I	-	E ↓ &L	3V	Ed	Z	I	O/L	ETHERNET comm. control pin
68	P125	E SPI REQ	I	-	E ↓ &L	3V	Ed	Z	I	O/L	ETHERNET comm. control pin
69	P47/$\overline{CS0}$/$\overline{A23}$	$\overline{CS0}$	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
70	P46/$\overline{CS1}$/A22	$\overline{CS1}$	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
71	P45/$\overline{CS2}$/A21	$\overline{CS2}$	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
72	P44/$\overline{CS3}$/A20	$\overline{CS3}$	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
73	P43/A19	A19	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
74	VCC	VCC	-	-	-	3V	-	-	-	-	+5V
75	P42	A18	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
76	VSS	VSS	-	-	-	3V	-	-	-	-	GND
77	P41/A17	A17	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
78	P40/A16	A16	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
79	P37/D15	A15	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
80	P36/D14	A14	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
81	P35/D13	A13	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
82	P34/D12	A12	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
83	P33/A11	A11	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
84	P32/D10	A10	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
85	P31/D9	A9	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
86	P124	MCPU TRANS RL	O	C	-	3V	Ed	Z	O/L	O/L	SUB TRANS Relay control pin (POWER ON : H) (ETHER=ON or CEC ON (STANDBY : H))
87	P123/CTS6/RST6	ROM/RAM POWER	O	C	-	3V	Ed	Z	O/L	O/L	3.3V control pin for ROM/RAM,PLD
88	P122/RXD6	RXD MIXMO	I	-	-	3V	-	-	I	O/L	XM RADIO control pin
89	P121/CLK6	RUSH RL	O	C	-	3V	Ed	Z	O/L	O/L	Power relay for Rush prevention
90	P120/TXD6	TXD MOXMI	O	-	-	3V	Eu	Z	O/L	O/L	XM RADIO control pin
91	VCC	VCC	-	-	-	3V	-	-	-	-	+5V
92	P30/A8	A8	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
93	VSS	VSS	-	-	-	-	-	-	-	-	GND
94	P27/AN27/A7	A7	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
95	P26/AN26/A6	A6	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
96	P25/AN25/A5	A5	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
97	P24/AN24/A4	A4	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
98	P23/AN23/A3	A3	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
99	P22/AN22/A2	A2	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
100	P21/AN21/A1	A1	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
101	P20/AN20/A0	A0	O	C	-	3V	-	Z	O/L	O/L	External memory access pin
102	P17/$\overline{INT5}$/D15	D15	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
103	P16/$\overline{INT4}$/D14	D14	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
104	P15/$\overline{INT3}$/D13	D13	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
105	P14/D12	D12	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
106	P13/D11	D11	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
107	P12/D10	D10	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
108	P11/D9	D9	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
109	P10/D8	D8	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
110	P07/AN07/D7	D7	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
111	P06/AN06/D6	D6	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
112	P05/AN05/D5	D5	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
113	P04/AN04/D4	D4	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
114	P114	E POWER RL	O	C	-	3V	Ed	Z	O/L	O/L	ETHERNET POWER ON/OFF switching (H : ON)
115	P113	SCPU POWER	O	C	-	3V	Ed	Z	O/L	O/L	SUB CPU POWER ON/OFF switching (H : ON)

Pin	Pin Name	Symbol	I/O	Type	Det	VCC	Op(Ext.)	Res	STBY	stop	Function
116	P112/ISRXD1(UART)	HDRADIO MIHDO	I	-	Lv	3V	-	-	I	O/L	HD RADIO control
117	P111/	REMOTE/232C POWER	O	C	-	3V	Ed	Z	O/L	O/L	REMOTE POWER/232C POWER control pin (ON : H)
118	P110/ISTXD1(UART)	HDRADIO MOHDI	O	C	-	3V	-	Z	O/L	O/L	HD RADIO control
119	P03/AN03/D3	D3	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
120	P02/AN02/D2	D2	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
121	P01/AN01/D1	D1	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
122	P00/AN00/D0	D0	I/O	C	-	3V	-	Z	O/L	O/L	External memory access pin
123	P157/AN157	FL CLK	O	C	-	5V	-	Z	O/L	O/L	FL DRIVER control pin
124	P156/AN156	FL DATA	O	C	-	5V	-	Z	O/L	O/L	FL DRIVER control pin
125	P155/AN155	FL CE1	O	C	-	5V	-	Z	O/L	O/L	FL DRIVER control pin
126	P154/AN154	FL RST	O	C	-	5V	Ed	Z	O/L	O/L	FL DRIVER control pin
127	P153/AN153	VSEL A	I	-	Lv	5V	Eu	Z	O/L	O/L	Master Volume rotation detect input (Rotary encoder)
128	P152/AN152/ISRXD0	E SPI CS	O	C	-	5V	Ed	Z	O/L	O/L	ETHERNET comm. control pin
129	P151/AN151/ISCLK0	E SPI CLK	O	C	-	5V	Ed	Z	O/L	O/L	ETHERNET comm. control pin
130	VSS	VSS	-	-	-	-	-	-	-	-	GND
131	P150/AN150/ISTXD0	E SPI MOEI	O	C	-	5V	Ed	Z	O/L	O/L	ETHERNET comm. control pin
132	VCC	VCC	-	-	-	5V	-	-	-	-	+5V
133	P107/AN7/$\overline{KI3}$	KEY4	I	-	Lv	5V	Eu	Z	I	I	Button input4
134	P106/AN6/$\overline{KI2}$	KEY3	I	-	Lv	5V	Eu	Z	I	I	Button input3
135	P105/AN5/$\overline{KI1}$	KEY2	I	-	Lv	5V	Eu	Z	I	I	Button input2
136	P104/AN4/$\overline{KI0}$	KEY1	I	-	Lv	5V	Eu	Z	I	I	Button input1
137	P103/AN3	ISEL B	I	-	Lv	5V	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)
138	P102/AN2	ISEL A	I	-	Lv	5V	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)
139	P101/AN1	VSEL B	I	-	Lv	5V	Eu	Z	O/L	O/L	Master Volume rotation detect input (Rotary encoder)
140	AVSS	AVSS	-	-	-	-	-	-	-	-	Analog GND
141	P100/AN0	MODE	I	-	Lv	5V	-	Z	I	O/L	Destination switching input
142	VREF	VREF	-	-	-	5V	-	-	-	-	Ref. power supply input +5V
143	AVCC	AVCC	-	-	-	5V	-	-	-	-	Analog Power supply +5V
144	P97/$\overline{ADTRG}$/RXD4	(POA LINK RXD)	I	-	-	5V	-	Z	I	O/L	(AVP-POA LINK comm. control pin for AVPA1HD)

Note: Pin No. : Terminal number of microcomputer.
Port Name : The name entered in the data sheet of microcomputer.
Symbol : Symbolized interface function.
I/O : Input or out of part.
"I" = Input port
"O" = Output port
Type : Composition of port in case of output port.
"C" = CMOS output
"N" = NMOS open drain output
"P" = PMOS open drain output
Op : Pull up/Pull down selection information.
"Iu" = Inner microcomputer pull up
"Id" = Inner microcomputer pull down
"Eu" = External microcomputer pull up
"Ed" = External microcomputer pull down
Det : Indicates judging state of input port. Level detection is "LV"; Edge detection is "Ed"; Detection by both shifting is "E&L"; Serial data detection is "S" (Serial data output is also "S").
Res : State at reset.
"H" = Outputs High Level at reset
"L" = Outputs Low Level at reset
"Z" = Becomes High impedance mode at reset
STBY : State of port when STANDBY mode.
"O/L" = Output port and "L"
"I" = Input port
Stop : State of port when Stop mode.
"O/L" = Output port and "L"
"I" = Input port

EPM570F256C5N (CPU: IC951)

EPM570F256C5N Terminal Function
Extended PLD

Pin	Symbol	I/O	Op(Ext.)	Res	STBY	stop	Function
A1	GND	-	-	-	-	-	GND
A2	FUNC DATA/XMDIT DIN	O	-	Z	O/L	O/L	FUNCTION SW control pin
A3	SW3.3V	-	-	-	-	-	+3.3V
A4	FUNC STB AIN	O	-	Z	O/L	O/L	FUNCTION SW control pin
A5	VOL STB1	O	-	Z	O/L	O/L	VOLUME control
A6	SIGDET SBR	I	Eu	Z	I	O/L	For SIGNAL DET SBR
A7	SIGDET SL	I	Eu	Z	O/L	O/L	For SIGNAL DET SL
A8	LIMIT DET	I	Eu	Z	O/L	O/L	Signal detect input (Detected : L)
A9	FUNC STB VIN	O	-	Z	O/L	O/L	FUNCTION SW control pin
A10	VOL STBSW	O	-	Z	O/L	O/L	EXT.IN SW VOLUME control pin (AVR5308/AVCA1HD:0dB)
A11	VOL STBZONE	O	-	Z	O/L	O/L	VOLUME control
A12	SIGDET SBL	I	Eu	Z	O/L	O/L	For SIGNAL DET SBL
A13	LIMIT	O	Ed	Z	O/L	O/L	LIMIT control (7ch ST:H , EXT.IN:H , LIMIT DET=45sec"L":H)
A14	SW3.3V	-	-	-	-	-	+3.3V
A15	HIGH B RL	O	Ed	Z	O/L	O/L	HIGH B power pntrol pin
A16	GND	-	-	-	-	-	GND
B1	CPUD0	I/O	-	Z	O/L	O/L	External memory access pin
B2	GND	-	-	-	-	-	GND
B3	FUNC STB B	O	-	Z	O/L	O/L	FUNCTION SW control pin
B4	(FUNC STB D)	O	-	Z	O/L	O/L	(FUNCTION SW control pin for AVPA1HD)
B5	VOL DATA	O	-	Z	O/L	O/L	VOLUME control
B6	VOL STB3	O	-	Z	O/L	O/L	VOLUME control
B7	SIGDET C	I	Eu	Z	O/L	O/L	for SIGNAL DET C
B8	SIGDET SR	I	Eu	Z	O/L	O/L	for SIGNAL DET SR
B9	VOL CLK	O	-	Z	O/L	O/L	VOLUME control
B10	VOL STB2	O	-	Z	O/L	O/L	VOLUME control
B11	SIGDET FR	I	Eu	Z	O/L	O/L	for SIGNAL DET FR
B12	SIGDET FL	I	Eu	Z	O/L	O/L	for SIGNAL DET FL
B13	A+B LIMIT	O	Ed	Z	O/L	O/L	A+B LIMIT control (SURROUND SPEAKER A+B:H)
B14	FAN DET	I	Eu	Z	O/L	O/L	Temperature detect control pin(Detected : L)
B15	GND	-	-	-	-	-	GND
B16	RDY	I/O		Z	O/L	O/L	MAIN CPU access pin
C1	SW3.3V	-	-	-	-	-	+3.3V
C2	CPUD1	I/O	-	Z	O/L	O/L	External memory access pin
C3	CPUD8	I/O	-	Z	O/L	O/L	External memory access pin
C4	CPUA4	I/O	-	Z	O/L	O/L	External memory access pin
C5	CPUA2	I/O	-	Z	O/L	O/L	External memory access pin
C6	CPUA1	I/O	-	Z	O/L	O/L	External memory access pin
C7	CPUA0	I/O	-	Z	O/L	O/L	External memory access pin
C8	CPUD4	I/O	-	Z	O/L	O/L	External memory access pin
C9	CPUD5	I/O	-	Z	O/L	O/L	External memory access pin
C10	CPUD6	I/O	-	Z	O/L	O/L	External memory access pin
C11	CPUD7	I/O	-	Z	O/L	O/L	External memory access pin
C12	FUNC STB A	O	-	Z	O/L	O/L	FUNCTION SW control pin
C13	(DIGITAL RL)	O	-	Z	O/L	O/L	Not used
C14	H/P DET	I	Eu	Z	O/L	O/L	HEADPHONE detect input (Detected : H)
C15	ALE	I/O	-	Z	O/L	O/L	MAIN CPU access pin
C16	SW3.3V	-	-	-	-	-	+3.3V
D1	CPUD3	I/O	-	Z	O/L	O/L	External memory access pin
D2	CPUD2	I/O	-	Z	O/L	O/L	External memory access pin
D3	CPUD9	I/O	-	Z	O/L	O/L	External memory access pin
D4	RAMCS2	I/O	-	Z	O/L	O/L	External memory access pin
D5	CPUA3	I/O	-	Z	O/L	O/L	External memory access pin
D6	NC	O	-	Z	O/L	O/L	NC
D7	NC	O	-	Z	O/L	O/L	NC
D8	NC	O	-	Z	O/L	O/L	NC
D9	NC	O	-	Z	O/L	O/L	NC

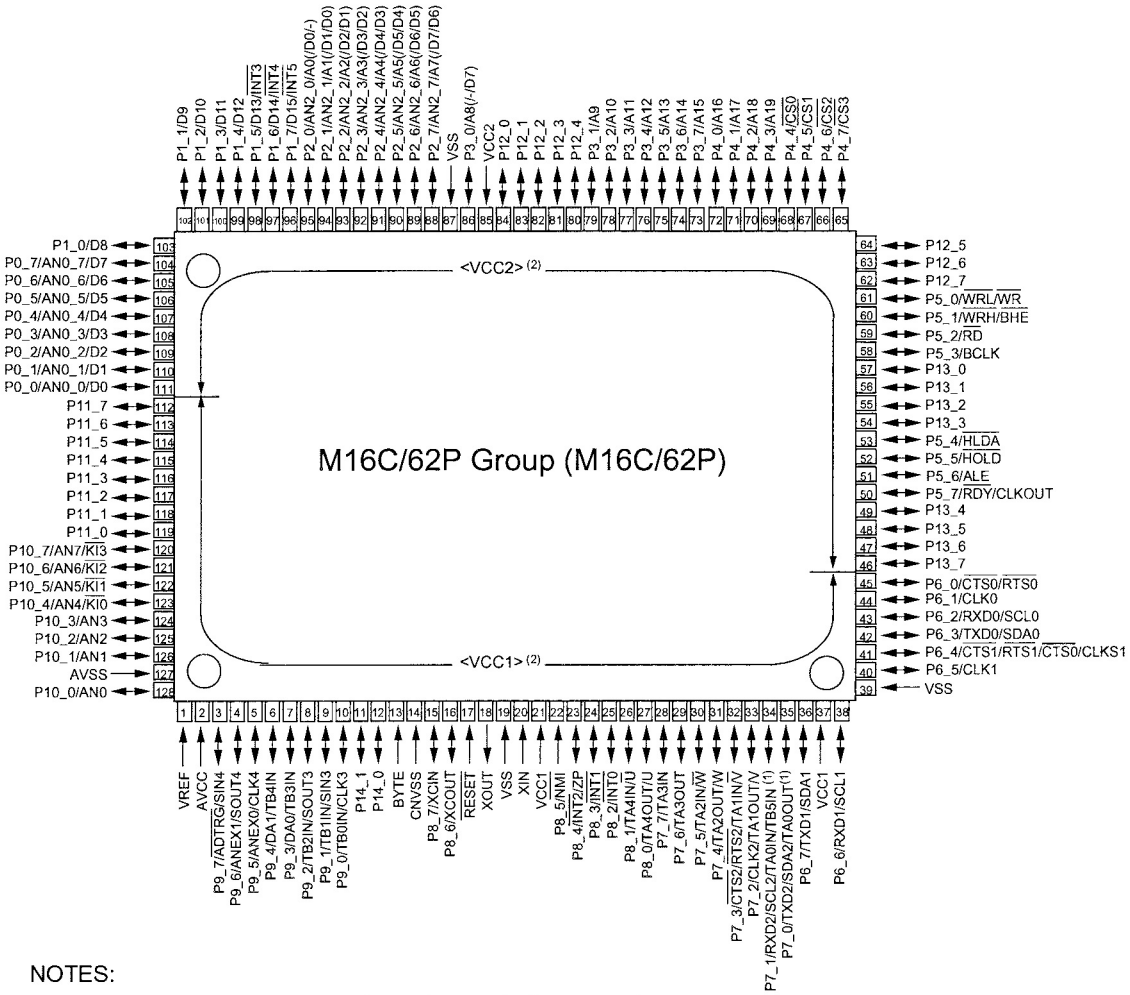
Pin	Symbol	I/O	Op(Ext.)	Res	STBY	stop	Function
D10	NC	O	-	Z	O/L	O/L	NC
D11	FUNC CLK/XMDIT CLK	O	-	Z	O/L	O/L	FUNCTION SW control pin
D12	($\overline{\text{FUNC STB C}}$)	O	-	Z	O/L	O/L	(FUNCTION SW control pin for AVPA1HD)
D13	NC	O	-	Z	O/L	O/L	NC
D14	MIC DET	I	Eu	Z	O/L	O/L	Microphone detect input (Detected : H)
D15	HOLD	I/O	-	Z	O/L	O/L	MAIN CPU access pin
D16	HLDA	I/O	-	Z	O/L	O/L	MAIN CPU access pin
E1	CPUD12	I/O	-	Z	O/L	O/L	External memory access pin
E2	CPUD13	I/O	-	Z	O/L	O/L	External memory access pin
E3	CPUD11	I/O	-	Z	O/L	O/L	External memory access pin
E4	CPUD10	I/O	-	Z	O/L	O/L	External memory access pin
E5	NC	O	-	Z	O/L	O/L	NC
E6	NC	O	-	Z	O/L	O/L	NC
E7	NC	O	-	Z	O/L	O/L	NC
E8	NC	O	-	Z	O/L	O/L	NC
E9	NC	O	-	Z	O/L	O/L	NC
E10	NC	O	-	Z	O/L	O/L	NC
E11	NC	O	-	Z	O/L	O/L	NC
E12	NC	O	-	Z	O/L	O/L	NC
E13	NC	O	-	Z	O/L	O/L	NC
E14	SIRIUS POWER	O	Ed	Z	O/L	O/L	Power control pin for SIRIUS
E15	CLKOUT	I/O	-	Z	O/L	O/L	MAIN CPU access pin
E16	RD	I/O	-	Z	O/L	O/L	MAIN CPU access pin
F1	CPUA13	I/O	-	Z	O/L	O/L	External memory access pin
F2	CPUA14	I/O	-	Z	O/L	O/L	External memory access pin
F3	RAMWR	I/O	-	Z	O/L	O/L	External memory access pin
F4	NC	O	-	Z	O/L	O/L	NC
F5	NC	O	-	Z	O/L	O/L	NC
F6	NC	O	-	Z	O/L	O/L	NC
F7	NC	O	-	Z	O/L	O/L	NC
F8	SW3.3V	-	-	-	-	-	+3.3V
F9	SW3.3V	-	-	-	-	-	+3.3V
F10	NC	O	-	Z	O/L	O/L	NC
F11	NC	O	-	Z	O/L	O/L	NC
F12	NC	O	-	Z	O/L	O/L	NC
F13	AUXRSV2	O	-	Z	O/L	O/L	Not used
F14	AUXRSV1	O	-	Z	O/L	O/L	Not used
F15	BHE	I/O	-	Z	O/L	O/L	MAIN CPU access pin
F16	WR	I/O	-	Z	O/L	O/L	MAIN CPU access pin
G1	CPUA11	I/O	-	Z	O/L	O/L	External memory access pin
G2	CPUA12	I/O	-	Z	O/L	O/L	External memory access pin
G3	CPUA5	I/O	-	Z	O/L	O/L	External memory access pin
G4	NC	O	-	Z	O/L	O/L	NC
G5	NC	O	-	Z	O/L	O/L	NC
G6	NC	O	-	Z	O/L	O/L	NC
G7	GND	-	-	-	-	-	GND
G8	GND	-	-	-	-	-	GND
G9	GND	-	-	-	-	-	GND
G10	GND	-	-	-	-	-	GND
G11	NC	O	-	Z	O/L	O/L	NC
G12	NC	O	-	Z	O/L	O/L	NC
G13	NC	O	-	Z	O/L	O/L	NC
G14	AUXRSV3	O	-	Z	O/L	O/L	Not used
G15	CS0	I/O	-	Z	O/L	O/L	MAIN CPU access pin
G16	CS1	I/O	-	Z	O/L	O/L	MAIN CPU access pin
H1	CPUD14	I/O	-	Z	O/L	O/L	External memory access pin
H2	CPUA10	I/O	-	Z	O/L	O/L	External memory access pin
H3	CPUA6	I/O	-	Z	O/L	O/L	External memory access pin
H4	NC	O	-	Z	O/L	O/L	NC
H5	HD POWER	O	Ed	Z	O/L	O/L	HDRADIO POWER control pin
H6	SW3.3V	-	-	-	-	-	+3.3V

Pin	Symbol	I/O	Op(Ext.)	Res	STBY	stop	Function
H7	GND	-	-	-	-	-	GND
H8	SW3.3V	-	-	-	-	-	+3.3V
H9	GND	-	-	-	-	-	GND
H10	SW3.3V	-	-	-	-	-	+3.3V
H11	SW3.3V	-	-	-	-	-	+3.3V
H12	NC	O	-	Z	O/L	O/L	NC
H13	NC	O	-	Z	O/L	O/L	NC
H14	AUX POWER	O	Ed	Z	O/L	O/L	Not used
H15	CS2	I/O	-	Z	O/L	O/L	MAIN CPU access pin
H16	CS3	I/O	-	Z	O/L	O/L	MAIN CPU access pin
J1	CPUD15	I/O	-	Z	O/L	O/L	External memory access pin
J2	RAMCS1	I/O	-	Z	O/L	O/L	External memory access pin
J3	CPUA7	I/O	-	Z	O/L	O/L	External memory access pin
J4	NC	O	-	Z	O/L	O/L	NC
J5	RDS CE	I	Ed	-	O/L	O/L	RDS ontrol output(LC72720)
J6	SW3.3V	-	-	-	-	-	+3.3V
J7	SW3.3V	-	-	-	-	-	+3.3V
J8	GND	-	-	-	-	-	GND
J9	SW3.3V	-	-	-	-	-	+3.3V
J10	GND	-	-	-	-	-	GND
J11	SW3.3V	-	-	-	-	-	+3.3V
J12	NC	O	-	Z	O/L	O/L	NC
J13	NC	O	-	Z	O/L	O/L	NC
J14	XM POWER2	O	Ed	Z	O/L	O/L	XM POWER control pin
J15	A18	I/O	-	Z	O/L	O/L	MAIN CPU access pin
J16	A19	I/O	-	Z	O/L	O/L	MAIN CPU access pin
K1	RAMRD	I/O	-	Z	O/L	O/L	External memory access pin
K2	CPUA15	I/O	-	Z	O/L	O/L	External memory access pin
K3	CPUA8	I/O	-	Z	O/L	O/L	External memory access pin
K4	NC	O	-	Z	O/L	O/L	NC
K5	NC	O	-	Z	O/L	O/L	NC
K6	NC	O	-	Z	O/L	O/L	NC
K7	GND	-	-	-	-	-	GND
K8	GND	-	-	-	-	-	GND
K9	GND	-	-	-	-	-	GND
K10	GND	-	-	-	-	-	GND
K11	NC	O	-	Z	O/L	O/L	NC
K12	NC	O	-	Z	O/L	O/L	NC
K13	NC	O	-	Z	O/L	O/L	NC
K14	XM RST	O	Ed	Z	O/L	O/L	XM RADIO control pin
K15	A16	I/O	-	Z	O/L	O/L	MAIN CPU access pin
K16	A17	I/O	-	Z	O/L	O/L	MAIN CPU access pin
L1	CPUA16	I/O	-	Z	O/L	O/L	External memory access pin
L2	CPUA17	I/O	-	Z	O/L	O/L	External memory access pin
L3	CPUA19	I/O	-	Z	O/L	O/L	External memory access pin
L4	CPUA9	I/O	-	Z	O/L	O/L	External memory access pin
L5	NC	O	-	Z	O/L	O/L	NC
L6	PLDTDO_V	O	-	Z	O/L	O/L	PLD JTAG pin
L7	NC	O	-	Z	O/L	O/L	NC
L8	SW3.3V	-	-	-	-	-	+3.3V
L9	SW3.3V	-	-	-	-	-	+3.3V
L10	NC	O	-	Z	O/L	O/L	NC
L11	NC	O	-	Z	O/L	O/L	NC
L12	NC	O	-	Z	O/L	O/L	NC
L13	XMDIT CE	O	Ed	Z	O/L	O/L	DIR/DIT control pin for XM RADIO
L14	XM LINK ACTIVE	I	-	Z	O/L	O/L	XM RADIO control pin (Normal check : H)
L15	A14	I/O	-	Z	O/L	O/L	MAIN CPU access pin
L16	A15	I/O	-	Z	O/L	O/L	MAIN CPU access pin
M1	CPUA18	I/O	-	Z	O/L	O/L	External memory access pin
M2	ROMRD	I/O	-	Z	O/L	O/L	External memory access pin
M3	CPU ROM RST	I/O	-	Z	O/L	O/L	External memory access pin

Pin	Symbol	I/O	Op(Ext.)	Res	STBY	stop	Function
M4	ROMWR	I/O	-	Z	O/L	O/L	External memory access pin
M5	PLDTDO_M	O	-	Z	O/L	O/L	PLD JTAG pin
M6	NC	O	-	Z	O/L	O/L	NC
M7	NC	O	-	Z	O/L	O/L	NC
M8	iPod DOCK DET	I	Eu	Z	I	O/L	MINI JACK connected detection pin for DOCK connection (connected : L)
M9	(LINK POWER)	O	Ed	Z	O/L	O/L	(AVP-POA LINK power control pin for AVPA1HD)
M10	NC	O	-	Z	O/L	O/L	NC
M11	NC	O	-	Z	O/L	O/L	NC
M12	NC	O	-	Z	O/L	O/L	NC
M13	XMDIT RST	O	-	Z	O/L	O/L	DIR/DIT control pin for XM RADIO
M14	(TRIGGER RL)	O	Ed	Z	O/L	O/L	OPEN
M15	A12	I/O	-	Z	O/L	O/L	MAIN CPU access pin
M16	A13	I/O	-	Z	O/L	O/L	MAIN CPU access pin
N1	ROMCS	I/O	-	Z	O/L	O/L	External memory access pin
N2	(STACK DET)	I	Eu	Z	O/L	O/L	Not used
N3	ROMRDY	I/O	-	Z	O/L	O/L	External memory access pin
N4	PLDTMS_A	O	-	Z	O/L	O/L	PLD JTAG pin
N5	RDS RESET	O	Ed	Z	O/L	O/L	RDS RESET output(LC72720)
N6	NC	O	-	Z	O/L	O/L	NC
N7	NC	O	-	Z	O/L	O/L	NC
N8	NC	O	-	Z	O/L	O/L	NC
N9	NC	O	-	Z	O/L	O/L	NC
N10	NC	O	-	Z	O/L	O/L	NC
N11	NC	O	-	Z	O/L	O/L	NC
N12	NC	O	-	Z	O/L	O/L	NC
N13	XM POWER	O	Ed	Z	O/L	O/L	XM RADIO power control pin
N14	(E POWER)	O	Ed	Z	O/L	O/L	Not used
N15	A10	I/O	-	Z	O/L	O/L	MAIN CPU access pin
N16	A11	I/O	-	Z	O/L	O/L	MAIN CPU access pin
P1	SW3.3V	-	-	-	-	-	+3.3V
P2	$\overline{\text{STEREO}}$	I	Eu	-	O/L	O/L	When TUNER FM stereo receive : L
P3	PLDTCK_A	O	-	Z	O/L	O/L	PLD JTAG pin
P4	D1	I/O	-	Z	O/L	O/L	MAIN CPU access pin
P5	PREEXP OE	O	-	Z	O/L	O/L	Expander control pin for PRE MUTE/RELAY/TRIGGER
P6	PREEXP STB	O	-	Z	O/L	O/L	Expander control pin for PRE MUTE/RELAY/TRIGGER
P7	PREEX PD	O	-	Z	O/L	O/L	Expander control pin for PRE MUTE/RELAY/TRIGGER
P8	PREEXP CLK	O	-	Z	O/L	O/L	Expander control pin for PRE MUTE/RELAY/TRIGGER
P9	(MOAUXCLK)	O	-	Z	O/L	O/L	Not used
P10	(MOAUXI)	O	-	Z	O/L	O/L	Not used
P11	NC	O	-	Z	O/L	O/L	NC
P12	(XM ANT REV)	I	-	Z	O/L	O/L	Not used
P13	(MIAUXO)	I	-	Z	O/L	O/L	Not used
P14	NC	I	-	Z	O/L	O/L	NC
P15	A9	I/O	-	Z	O/L	O/L	MAIN CPU access pin
P16	SW3.3V	-	-	-	-	-	+3.3V
R1	$\overline{\text{TUNED}}$	I	Eu	-	O/L	O/L	TUNER turned detect (Detected : L)
R2	GND	-	-	-	-	-	GND
R3	D0	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R4	D3	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R5	D5	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R6	D7	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R7	D9	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R8	D11	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R9	D13	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R10	D15	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R11	A1	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R12	A3	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R13	A5	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R14	A6	I/O	-	Z	O/L	O/L	MAIN CPU access pin
R15	GND	-	-	-	-	-	GND
R16	A8	I/O	-	Z	O/L	O/L	MAIN CPU access pin

Pin	Symbol	I/O	Op(Ext.)	Res	STBY	stop	Function
T1	GND	-	-	-	-	-	GND
T2	T.MUTE	O	Ed	Z	O/L	O/L	TUNER MUTE control(MUTE:L)
T3	SW3.3V	-	-	-	-	-	+3.3V
T4	D2	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T5	D4	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T6	D6	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T7	D8	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T8	D10	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T9	D12	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T10	D14	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T11	A0	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T12	A2	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T13	A4	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T14	SW3.3V	-	-	-	-	-	+3.3V
T15	A7	I/O	-	Z	O/L	O/L	MAIN CPU access pin
T16	GND	-	-	-	-	-	GND

M30627FHPGP (CPU: IC806)



NOTES:

1. P7_0 and P7_1 are N channel open-drain output pins.
2. Use the M16C/62PT on VCC1 = VCC2.

M30627FHPGP Terminal Function

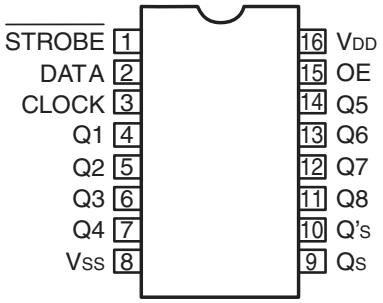
Pin	Pin Name	Symbol	I/O	Type	Det	Op(Int.)	Op(Ext.)	Res	Function
1	VREF	VREF	-	-	-	-	-	-	AD ref. +3.3V
2	AVCC	AVCC	-	-	-	-	-	-	AD +3.3V
3	P97/SIN4	DSPMISO	I	-	Lv	-	Eu	Z	DSP control pin(ADSP-21366)/(ADSP-21367)
4	P96/SOUT4	DSPMOSI	O	C	-	-	Eu	Z	DSP control pin(ADSP-21366)/(ADSP-21367)
5	P95/CLK4	DSPICLK	O	C	-	-	Eu	Z	DSP control pin(ADSP-21366)/(ADSP-21367)
6	P94	DIRCE5	O	C	-	-	-	Z	DIR selector control pin(LC89057W-VF4A)
7	P93	DIRCE1	O	C	-	-	-	Z	DIR selector control pin(LC89057W-VF4A)
8	P92/SOUT3	DIRDIN	O	C	-	-	-	Z	DIR selector control pin(LC89057W-VF4A)
9	P91/SIN3	DIRDOUT	I	-	Lv	-	Eu	Z	DIR selector control pin(LC89057W-VF4A)
10	P90/CLK3	DIRCLK	O	C	-	-	-	Z	DIR selector control pin(LC89057W-VF4A)
11	P141	(DSP5 FLAG0)	O	-	Lv	-	-	Z	Not used(DSP5 control pin(ADSP-21367))
12	P140	(SUP ACK)	O	C	-	-	Ed	Z	Not used
13	BYTE	BYTE	-	-	-	-	-	-	GND (Ext. data bus bit width switching, 16bit : L)
14	CNVCS	CNVSS	-	-	-	-	Ed	-	Single-chip / Micro-processor mode switching (Normal single-chip : L,Rewrite boot program start : H input set)
15	P87	Z1 VERST	O	C	-	-	Eu	Z	ZONE1 Video encoder reset(ADV7320)
16	P86	Z1 VDRST	O	C	-	-	Eu	Z	Video decoder reset(ADV7430)
17	RESET	$\overline{\text{SUBRESET}}$	I	-	Lv	-	Eu	L	Reset input
18	XOUT	X1	O	-	-	-	-	-	Oscillator connection
19	VSS	VSS	-	-	-	-	-	-	GND
20	XIN	X2	I	-	-	-	-	-	Oscillator connection
21	VCC	VCC	-	-	-	-	-	-	+3.3V
22	P85/NMI	_$\overline{\text{NMI}}$	I	-	-	-	-	-	Not used (Fixed to H)
23	P84/INT2	CEC_IN	I	-	E ↓ &L	-	Eu	Z	CEC-D signal input pin(SII9185)
24	P83/INT1	ACKSIMO	I	-	E ↓ &L	-	Ed	Z	MAIN-SUB μcom comm. Control input pin
25	P82/INT0	$\overline{\text{SUBBDOWN}}$	I	-	E ↓ &L		Eu	Z	Power down detect (Power down : L)
26	P81	IP RST	O	C	-	-	Ed	Z	IP CONV(FLI2310) reset
27	P80	$\overline{\text{GUI WRITE}}$	O	-	-	-	-	Z	GUI ROM rewrite control(ACTIVE"L")
28	P77	$\overline{\text{SUBTDO}}$	I	-	-	-	Ed	Z	PLD rewrite control(JTAG)
29	P76	MPLD CS MAIN/SUBTMS	O	C	-	-	-	Z	MAIN FPGA(PLD) control pin/PLD rewrite control(JTAG)
30	P75	MPLD DATA/SUBTDI	O	C	-	-	-	Z	MAIN FPGA(PLD) control pin/PLD rewrite control(JTAG)
31	P74	MPLD CLK/SUBTCK	O	C	-	-	-	Z	MAIN FPGA(PLD) control pin/PLD rewrite control(JTAG)
32	P73/CTS2	VIDEO POWER	O	C	-	-	Ed	Z	VIDEO POWER control output (H : ON)
33	P72/CLK2	DIGITAL POWER	O	C	-	-	Ed	Z	DIGITAL POWER control output (H : ON)
34	P71/RXD2	VSCL	I/O	C	-	-	Eu	Z	VIDEO I2C- IP CONV(FLI2310)/V_ENCODER(ADV7320)/V_DECODER(ADV7430)/ GUI_FPGA control pin
35	P70/TXD2	VSDA	I/O	C	-	-	Eu	Z	VIDEO I2C- IP CONV(FLI2310)/V_ENCODER(ADV7320)/V_DECODER(ADV7431)/ GUI_FPGA control pin
36	P67/TXD1	TXD/(SUP TxD)/REALTA_RX SO	O	C	-	-	Eu	Z	Data transmission output to outside/REALTA rewrite control pin
37	VCC1	VCC1	-	-	-	-	-	Z	+3.3V
38	P66/RXD1	RXD/(SUP Rxd) /REALTA_TX SI	I	-	Lv	-	Eu	Z	Data receive input from outside/REALTA rewrite control pin
39	VSS	VSS	-	-	-	-	-	Z	GND
40	P65/CLK1	(SUP CLK)	O	C	-	-	Eu	Z	Not used
41	P64/CTS1	CEC_OUT	O	C	-	-	Eu	Z	CEC-D signal output pin(SII9185)
42	P63/TXD0	SOMI	O	C	-	-	-	Z	MAIN-SUB μcom comm. control pin
43	P62/RXD0	SIMO	I	-	-	-	-	Z	MAIN-SUB μcom comm. control pin
44	P61/CLK0	CLKSIMO	I	-	-	-	-	Z	MAIN-SUB μcom comm. control pin
45	P60/CTS0	REQSOMI	O	C	-	-	-	Z	MAIN-SUB μcom comm. control pin
46	P137	(DSP6 FLAG0)	O	-	Lv	-	-	Z	Not used(DSP6 control pin(ADSP-21367))
47	P136	ADOVER	I	-	-	-	Eu	Z	A/D OVERLOAD detect
48	P135	(Z2 VERST)	O	C	-	-	Eu	Z	(ZONE2 Video encoder reset(ADV7320) for AVPA1HD)
49	P134	(Z2 VDRST)	O	C	-	-	Eu	Z	(Video decoder reset(ADV7430) for AVPA1HD)
50	P57	(DSP5 RST)	O	C	-	-	-	Z	Not used(DSP5(ADSP-21367)reset output pin(reset : L))
51	P56	Z1 CFSEL0	O	C	-	-	Ed	Z	ENCODER output set (480i/576i,480p/576p : H)
52	P55/EPM	(DSP6 RST) /(FRASHEPM)	O	C	-	-	Ed	Z	Not used(DSP6(ADSP-21367)reset output pin(reset : L))/(Rewrite boot : L input)
53	P54	VSEL CLK	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
54	P133	DEXPCLK	O	C	-	-	-	Z	Output pin for DIGITAL expander control (TC4094BF)

Pin	Pin Name	Symbol	I/O	Type	Det	Op(Int.)	Op(Ext.)	Res	Function
55	P132	DEXPDATA	O	C	-	-	-	Z	Output pin for DIGITAL expander control (TC4094BF)
56	P131	DEXPSTB	O	C	-	-	-	Z	Output pin for DIGITAL expander control (TC4094BF)
57	P130	DEXPOE	O	C	-	-	Ed	Z	Output pin for DIGITAL expander control (TC4094BF)
58	P53	VSEL DATA	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
59	P52	VSEL C1	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
60	P51	VSEL C2	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
61	P50/CE	CECSEL/(FRASHCE) /DSP BOOT	I/O	C	-	-	Ed	Z	CEC output LINE switching/(Rewrite boot : H input/DSP boot control(Rewrite boot : L input)
62	P127	$\overline{\text{DACMS2}}$	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)
63	P126	TMDS SWITCHER RST2	O	C	-	-	Eu	Z	TMDS SWITCHER HDMI IN SEL(Sil9185) reset
64	P125	HS INT2	I	-	E ↓ &L	-	Eu	Z	HDMI IN SEL(Sil9185) INT output
65	P47	Z2 SSIG.DET	I	-	-	-	Eu	Z	ZONE2 S-signal detect input (H : S-signal inputted)
66	P46	Z2 VSIG.DET	I	-	-	-	Eu	Z	ZONE2 VIDEO signal detect input (Detected:H)
67	P45	(Z2 CFSEL0)	O	C	-	-	Ed	Z	(ZONE2 ENCODER output set (480i/576i , 480p/576p : H) for AVPA1HD)
68	P44	HS INT1	I	-	E ↓ &L	-	Eu	Z	HDMI IN SEL(Sil9185) INT output
69	P43	HDMI R INT	I	-	E ↓ &L	-	-	Z	HDMI RECEIVER(Sil9031)INT output
70	P42	HSCL/EDIT SCL	I/O	C	-	-	Eu	Z	VIDEO I2C/HDMI EDIT(E2PROM) control pin
71	P41	HSDA/EDIT SDA	I/O	C	-	-	Eu	Z	VIDEO I2C/HDMI EDIT(E2PROM) control pin
72	P40	TMDS SWITCHER RST1	O	C	-	-	Eu	Z	TMDS SWITCHER HDMI IN SEL(Sil9185) reset
73	P37	HDMI R RST	O	C	-	-	Eu	Z	HDMI RECEIVER(Sil9135) reset
74	P36	HDMI T1 RST	O	C	-	-	Eu	Z	HDMI TRANSMITTER1 (Sil9134) reset
75	P35	HDMI T2 RST	O	C	-	-	Eu	Z	HDMI TRANSMITTER2 (Sil9134) reset
76	P34	HDMI T1 INT	I	-	Lv	-	.	Z	HDMI OUT signal detect input(HDMI TRANS1 Sil9134)
77	P33	HDMI T2 INT	I	-	Lv	-	-	Z	HDMI OUT signal detect input(HDMI TRANS2 Sil9134)
78	P32	DACMDI/ZDACDATA	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)/ZONE's DAC control pin(AK4385ET)
79	P31	DACMC/ZDACCLK	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)/ZONE's DAC control pin(AK4385ET)
80	P124	Z2 SDA	I/O	C	-	-	Eu	Z	Z2 VIDEO I2C control pin
81	P123	Z2 SCL	I/O	C	-	-	Eu	Z	Z2 VIDEO I2C control pin
82	P122	(DSP5 ICS)	O	C	-	-	-	Z	Not used (DSP5 control pin(ADSP-21367))
83	P121	(DSP6 ICS)	O	C	-	-	-	Z	Not used (DSP5 control pin(ADSP-21367))
84	P120	DACRST1	O	C	-	-	Ed	Z	DAC control pin(PCM1791ADBR)
85	VCC2	VCC	-	-	-	-	-	-	+3.3V'
86	P30	$\overline{\text{DACMS1}}$	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)
87	VSS	VSS	-	-	-	-	-	-	GND
88	P27	D.VIDEO POWER	O	C	-	-	Ed	Z	DIGITAL VIDEO RELAY & HDMI POWER control output
89	P26	Z2DACRST	O	C	-	-	Ed	Z	ZONE2's DAC control pin(AK4385ET)
90	P25	Z2DACCS	O	C	-	-	-	Z	ZONE2's DAC control pin(AK4385ET)
91	P24	Z3DACCS	O	C	-	-	-	Z	ZONE3's DAC control pin(AK4385ET)
92	P23	Z3DACRST	O	C	-	-	-	Z	ZONE3's DAC control pin(AK4386ET)
93	P22	V.EXPSTB	O	C	-	-	-	Z	STB output for video expander control(BU4094BCFV)
94	P21	V.EXPOE	O	C	-	-	Ed	Z	OE output for video expander control(BU4094BCFV)
95	P20	V.EXPCLK	O	C	-	-	-	Z	CLK output for video expander control(BU4094BCFV)
96	P17/INT5	V.EXPDIN	O	C	-	-	-	Z	DATA output for video expander control(BU4094BCFV)
97	P16/INT4	Z1 COMP SDET	I	-	Lv	-	Eu	Z	MAIN ZONE's COMPONENT signal detect input
98	P15/INT3	Z1 VSIG.DET	I	-	Lv	-	Eu	Z	MAIN ZONE's VIDEO signal detect input (Detected:H)
99	P14	Z1 SMONIDET	I	-	-	-	Eu	Z	MAIN ZONE's S-monitor connection detect input (Connected:L)
100	P13	Z1 SSIG.DET	I	-	-	-	Eu	Z	MAIN ZONE's S-signal detect input (H : S-signal inputted)
101	P12	$\overline{\text{INT6}}$	I	-	E ↓ &L	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
102	P11	(DSP4 RST)/SUBnCONFIG	O	C	-	-	-	-	Not used (DSP4(ADSP-21367)reset output pin(reset : L))/FPGA rewrite control
103	P10	$\overline{\text{INT5}}$	I	-	E ↓ &L	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
104	P07/AN07	$\overline{\text{FPGA WRITE}}$	O	-	-	-	-	Z	AUDIO FPGA rewrite contorol (ACTIVE"L")
105	P06/AN06	$\overline{\text{PLD WRITE}}$	O	C	-	-	Ed	Z	/FPGA(PLD) rewrite contorol (ACTIVE"L")
106	P05/AN05	NC	I	-	-	-	Ed	Z	Not used
107	P04/AN04	NC	I	-	-	-	Ed	Z	Not used
108	P03/AN03	$\overline{\text{INT1}}$	I	-	E ↓ &L	-	Eu	Z	DIR control pin(LC89057W-VF4-E)
109	P02/AN02	DIRRST6	O	C	-	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
110	P01/AN01	DIRRST5	O	C	-	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
111	P00/AN00	DIRRST1	O	C	-	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
112	P117	Z2 SMONIDET	I	-	-	-	Eu	Z	ZONE2 S-monitor connection detect input (Connected:L)
113	P116	Z2 COMP SDET	I	-	Lv	-	Eu	Z	ZONE2 COMPONENT IN signal detect input
114	P115	Z3 VSIG.DET	I	-	Lv	-	Eu	Z	ZONE3 VIDEO signal detect input (Detected:H)

Pin	Pin Name	Symbol	I/O	Type	Det	Op(Int.)	Op(Ext.)	Res	Function
115	P114	Z3 SSIG.DET	I	-	-	-	Eu	Z	ZONE3 S-signal detect input (H : S-signal inputted)
116	P113	(DSP4 ICS)	O	C	-	-	-	Z	Not used (DSP4 control pin(ADSP-21367))
117	P112	(DSP4 FLAG0)	O	-	Lv	-	-	Z	Not used (DSP4 control pin(ADSP-21367))
118	P111	DAC POWER	O	C	-	-	Ed	Z	DAC Power control pin
119	P110	DSP3 RST	O	C	-	-	Ed	Z	DSP3(ADSP-21367)reset output pin(reset : L)
120	P107/AN7	DSP2 RST	O	C	-	-	Ed	Z	DSP2(ADSP-21367)reset output pin(reset : L)
121	P106/AN6	DSP1 RST	O	C	-	-	Ed	Z	DSP1(ADSP-21366)reset output pin(reset : L)
122	P105/AN5	DSP1 FLAG0/SUBnCE	I	-	Lv	-	Ed	Z	DSP1 control pin(ADSP-21366)/FPGA rewrite control(MAIN FPGA&GUI FPGA combined use)
123	P104/AN4	DSP2 FLAG0/SUBDATA_O	I	-	Lv	-	Ed	Z	DSP2 control pin(ADSP-21367)/FPGA rewrite control(MAIN FPGA&GUI FPGA combined use)
124	P103/AN3	DSP3 FLAG0 /SUBCONF_DONE	I	-	Lv	-	Ed	Z	DSP3 control pin(ADSP-21367)/FPGA rewrite control(MAIN FPGA&GUI FPGA combined use)
125	P102/AN2	DSP2 ICS/SUBnCS	O	C	-	-	Eu	Z	DSP2 control pin(ADSP-21367)/FPGA rewrite control(MAIN FPGA&GUI FPGA combined use)
126	P101/AN1	DSP1 ICS/SUBASDI	O	C	-	-	Eu	Z	DSP1 control pin(ADSP-21366)/FPGA rewrite control(MAIN FPGA&GUI FPGA combined use)
127	AVSS	AVSS	-	-	-	-	-	-	AD GND
128	P100/AN0	DSP3 ICS/SUBDCLK	O	C	-	-	Eu	Z	DSP3 control pin(ADSP-21367)/FPGA rewrite control

Note: Pin No. : Terminal number of microcomputer.
Port Name : The name entered in the data sheet of microcomputer.
Symbol : Symbolized interface function.
I/O : Input or out of part.
"I" = Input port
"O" = Output port
Type : Composition of port in case of output port.
"C" = CMOS output
"N" = NMOS open drain output
"P" = PMOS open drain output
Op : Pull up/Pull down selection information.
"Iu" = Inner microcomputer pull up
"Id" = Inner microcomputer pull down
"Eu" = External microcomputer pull up
"Ed" = External microcomputer pull down
Det : Indicates judging state of input port. Level detection is "LV"; Edge detection is "Ed"; Detection by both shifting is "E&L"; Serial data detection is "S" (Serial data output is also "S").
Res : State at reset.
"H" = Outputs High Level at reset
"L" = Outputs Low Level at reset
"Z" = Becomes High impedance mode at reset
STBY : State of port when STANDBY mode.
"O/L" = Output port and "L"
"I" = Input port
Stop : State of port when Stop mode.
"O/L" = Output port and "L"
"I" = Input port

BU4094BCFV-E2 (CPU: IC801,802,903,904)
(A.VIDEO: IC713,714,715,716,717)
(A.AUDIO: IC501,502,503,505)



BU4094BCFV-E2 Terminal Function

Extended IC PRE MUTE/RELAY/TRIGGER Signal Control
Used Port : FPREEXP DATA(P33),CLK(P32),OE(P35),STB(P34)

Part Name	Pin Name	Symbol	Function
1U-3821 IC903	EXP1	(RST SUB)	Not used
	EXP2	USER1 LED	USER 1 LED control pin (ON : H)
	EXP3	USER2 LED	USER 2 LED control pin (ON : H)
	EXP4	USER3 LED	USER 3 LED control pin (ON : H)
	EXP5	FAN LOW	FAN control pin
	EXP6	FAN ON	FAN control pin
	EXP7	TRIGGER 1	TRIGGER OUT 1 control pin
	EXP8	TRIGGER 2	TRIGGER OUT 2 control pin
1U-3821 IC904	EXP9	TRIGGER 3	TRIGGER OUT 3 control pin
	EXP10	TRIGGER 4	TRIGGER OUT 4 control pin
	EXP11	GUI RST	GUI control pin
	EXP12	ZONE2 OSD RST	ZONE2 OSD control pin
	EXP13	USB SEL	USB FRONT/BACK SELECT control pin
	EXP14	USB EN	USB SELECT control pin (Normal :L, FRONT/REAR SELECT switching=1s : H)
	EXP15	NC	Not used
	EXP16	(RDS TEST)	PRODUCT MODE (RDS receive : L)
1U-3823 IC701	EXP17	PRE RL FL	PRE OUT RELAY control
	EXP18	PRE RL FR	PRE OUT RELAY control
	EXP19	PRE RL C	PRE OUT RELAY control
	EXP20	PRE RL SW1	PRE OUT RELAY control
	EXP21	PRE RL SL	PRE OUT RELAY control
	EXP22	PRE RL SR	PRE OUT RELAY control
	EXP23	PRE RL SBL	PRE OUT RELAY control
	EXP24	PRE RL SBR	PRE OUT RELAY control
1U-3823 IC703	EXP25	PRE RL SL B	PRE OUT RELAY control
	EXP26	PRE RL SR B	PRE OUT RELAY control
	EXP27	PRE RL SW2	PRE OUT RELAY control
	EXP28	PRE RL SW3	PRE OUT RELAY control
	EXP29	PRE RL Z2	PRE OUT RELAY control
	EXP30	PRE RL Z3	PRE OUT RELAY control
	EXP31	SP RL ZR B	SP OUT RELAY control
	EXP32	SP RL FR C	SP OUT RELAY control
1U-3823 IC705	EXP33	SP RL FL	SP OUT RELAY control
	EXP34	SP RL SL	SP OUT RELAY control
	EXP35	SP RL FR	SP OUT RELAY control
	EXP36	SP RL C	SP OUT RELAY control
	EXP37	SP RL SBL	SP OUT RELAY control
	EXP38	SP RL FLB	SP OUT RELAY control
	EXP39	SP RL SR	SP OUT RELAY control
	EXP40	SP RL SBR	SP OUT RELAY control

Part Name	Pin Name	Symbol	Function
1U-3823 IC702	EXP41	SP RL SLB	SP OUT RELAY control
	EXP42	(SP RL ZL)	Not used
	EXP43	SP RL FRB	SP OUT RELAY control
	EXP44	SP RL SRB	SP OUT RELAY control
	EXP45	SP RL FL C	SP OUT RELAY control
	EXP46	SP RL ZL B	SP OUT RELAY control
	EXP47	(SP RL ZR)	Not used
	EXP48	H/P RL	H/P RELAY control pin
1U-3823 IC704	EXP49	NC	NC
	EXP50	NC	NC
	EXP51	NC	NC
	EXP52	NC	NC
	EXP53	NC	NC
	EXP54	NC	NC
	EXP55	NC	NC
	EXP56	NC	NC
1U-3823 IC706	EXP57	NC	NC
	EXP58	NC	NC
	EXP59	NC	NC
	EXP60	NC	NC
	EXP61	NC	NC
	EXP62	NC	NC
	EXP63	NC	NC
	EXP64	NC	NC

Extended IC VIDEO Signal Control

Used Port : V.EXP DATA(P17),CLK(P20),OE(P21),STB(P22)

Part Name	Pin Name	Symbol	Function
1U-3821 IC801	EXP1	HPD1	HDMI IN1 pin, HP DET control pin
	EXP2	HPD2	HDMI IN2 pin, HP DET control pin
	EXP3	HPD3	HDMI IN3 pin, HP DET control pin
	EXP4	HPD4	HDMI IN4 pin, HP DET control pin
	EXP5	HPD5	HDMI IN5 pin, HP DET control pin
	EXP6	HPD6	HDMI IN6 pin, HP DET control pin
	EXP7	REALTA MODE	Normal : H, Write for REALTA : L → H
	EXP8	SUP MODE	Normal : H, Output for expander control : L
1U-3821 IC802	EXP9	DSD ON	DSD signal input : H
	EXP10	REALTA WRITE	Normal : H,Write for REALRA ROM : L
	EXP11	(VIDEO TEST)	Not used
	EXP12	NC	NC
	EXP13	NC	NC
	EXP14	NC	NC
	EXP15	NC	NC
	EXP16	NC	NC
1U-3822 IC103	EXP17	Z1 P.SAVE	MAIN ZONE COMPONENT → CONVERTroute DISABLE pin
	EXP18	Z2 P.SAVE	ZONE2 COMPONENT → CONVERTroute DISABLE pin
	EXP19	Z1 MONIDIS	MAIN ZONE COMPONENT MONITOR image output DISABLE pin
	EXP20	Z2 MONIDIS	ZONE2 COMPONENT MONITOR image output DISABLE pin
	EXP21	Z1 IN RL	MAIN ZONE COMPONENT IN switching control
	EXP22	Z2 IN RL	ZONE2 COMPONENT IN switching control
	EXP23	Z1 MONI RL	MAIN ZONE COMPONENT MONITOR switching pin
	EXP24	Z2 MONI RL	ZONE2 COMPONENT MONITOR switching pin
1U-3822 IC104	EXP25	LINEA	D pin LINE control pin(JP only)
	EXP26	LINEB	D pin LINE control pin(JP only)
	EXP27	INH_LINE	D pin LINE control pin(JP only)
	EXP28	ASPECT_H	ASPECT ratio level control(JP only)
	EXP29	ASPECT_L	ASPECT ratio level control(JP only)
	EXP30	NC	NC
	EXP31	NC	NC
	EXP32	NC	NC

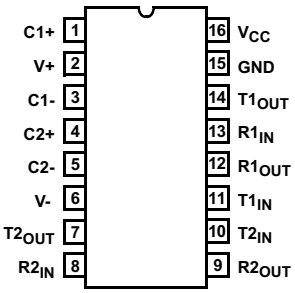
Part Name	Pin Name	Symbol	Function
1U-3822 IC713	EXP33	VINA	Image input switching(INPUT selection)
	EXP34	VINB	Image input switching(INPUT selection)
	EXP35	VINC	Image input switching(INPUT selection)
	EXP36	VIND	Image input switching(INPUT selection)
	EXP37	VINE	Image input switching(INPUT selection)
	EXP38	VINF	Image input switching(INPUT selection)
	EXP39	VING	Image input switching(INPUT selection)
	EXP40	VCR1 INH	RECOUT image output switching (VCR1 INH selection)
1U-3822 IC714	EXP41	Z2A	ZONE2 Image input switching(INPUT selection)
	EXP42	Z2B	ZONE2 Image input switching(INPUT selection)
	EXP43	Z2C	ZONE2 Image input switching(INPUT selection)
	EXP44	Z2D	ZONE2 Image input switching(INPUT selection)
	EXP45	Z2E	ZONE2 Image input switching(INPUT selection)
	EXP46	Z2F	ZONE2 Image input switching(INPUT selection)
	EXP47	Z2G	ZONE2 Image input switching(INPUT selection)
	EXP48	VCR2 INH	RECOUT image output switching (VCR2 INH selection)
1U-3822 IC715	EXP49	Z3A	ZONE3 Image input switching(INPUT selection)
	EXP50	Z3B	ZONE3 Image input switching(INPUT selection)
	EXP51	Z3C	ZONE3 Image input switching(INPUT selection)
	EXP52	Z3D	ZONE3 Image input switching(INPUT selection)
	EXP53	Z3E	ZONE3 Image input switching(INPUT selection)
	EXP54	Z3F	ZONE3 Image input switching(INPUT selection)
	EXP55	Z3G	ZONE3 Image input switching(INPUT selection)
	EXP56	VCR3 INH	RECOUT image output switching (VCR3 INH selection)
1U-3822 IC716	EXP57	Z1 SMONIA	S MONITOR OUT image output switching
	EXP58	Z1 SMONIB	S MONITOR OUT image output switching
	EXP59	Z1 VMONIA	COMPOSIT MONITOR OUT image output switching
	EXP60	Z1 VMONIB	COMPOSIT MONITOR OUT image output switching
	EXP61	Z2 SMONIA	ZONE2 S MONITOR OUT image output switching
	EXP62	Z2 SMONIB	ZONE2 S MONITOR OUT image output switching
	EXP63	Z2 VMONIA	ZONE2 COMPOSIT MONITOR OUT image output switching
	EXP64	Z2 VMONIB	ZONE2 COMPOSIT MONITOR OUT image output switching
1U-3822 IC717	EXP65	Z3 VMONIA	ZONE3 COMPOSIT MONITOR OUT image output switching
	EXP66	Z3 VMONIB	ZONE3 COMPOSIT MONITOR OUT image output switching
	EXP67	Z2 OSDSEL	ZONE2 OSD route control
	EXP68	OSD MUTE	Not used
	EXP69	OSDV/Y	Not used
	EXP70	Z2 OSD IN SEL	ZONE2 OSD route control
	EXP71	Z2 OSD OUT SEL	ZONE2 OSD route control
	EXP72	NC	NC

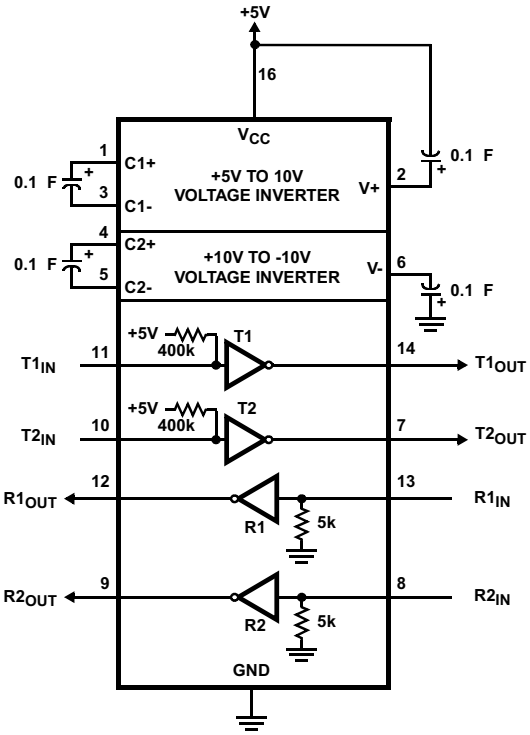
Extended IC FGAIN Control

Used Port : D.EXP DATA(P132),CLK(P133),OE(P130),STB(P131)

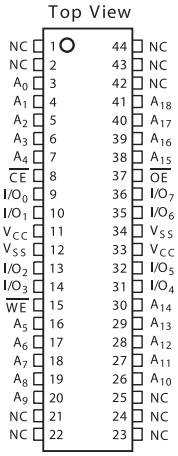
Part Name	Pin Name	Symbol	Function
1U-3818 IC810	EXP1	FGAIN 1	FGAIN control pin(FL/FR 12dB)
	EXP2	FGAIN 2	FGAIN control pin(SW1 12dB)
	EXP3	FGAIN 3	FGAIN control pin(SLA/SRA 6dB)
	EXP4	FGAIN 5	FGAIN control pin(SLB/SRB 6dB)
	EXP5	FGAIN 6	FGAIN control pin(SW2/SW3 12dB)
	EXP6	NC	NC
	EXP7	NC	NC
	EXP8	NC	NC
1U-3818 IC811	EXP9	OSR0	A/D control pin
	EXP10	OSR1	A/D control pin
	EXP11	RSTADC	A/D control pin
	EXP12	ADPDWN	ZONE2 A/D control pin
	EXP13	DSPROMRST	DSP memory reset(reset : L)
	EXP14	DSP1VPP	Normal : H, FLASH write for DSP : L
	EXP15	NC	NC
	EXP16	NC	NC

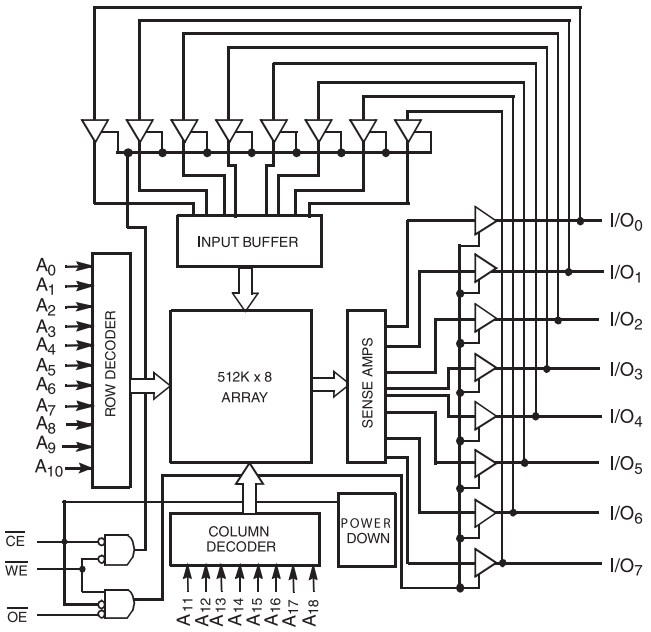
HIN202EIBNZ-T (A.VIDEO: IC916,917)



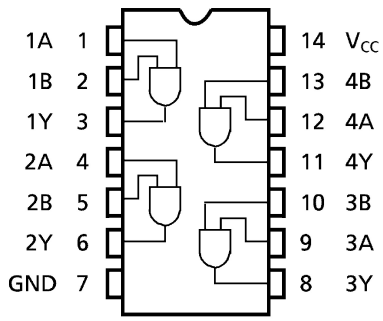


CY7C1049CV33-10ZC (CPU : IC982,983)

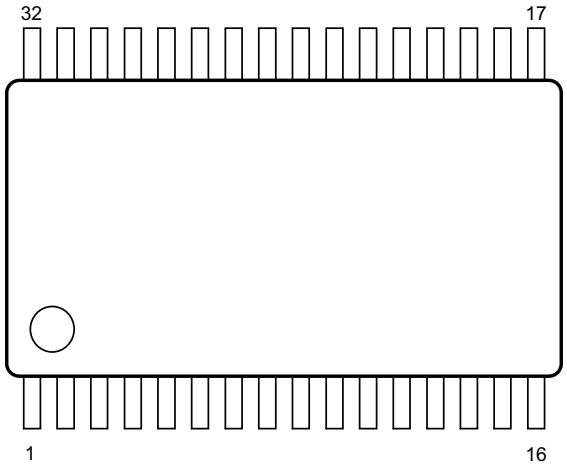




TC74VHCT08AFT (CPU : IC805) (VOL/REG : IC804)
SN74LV08APW-EL2 (HD JOINT : IC101,102)



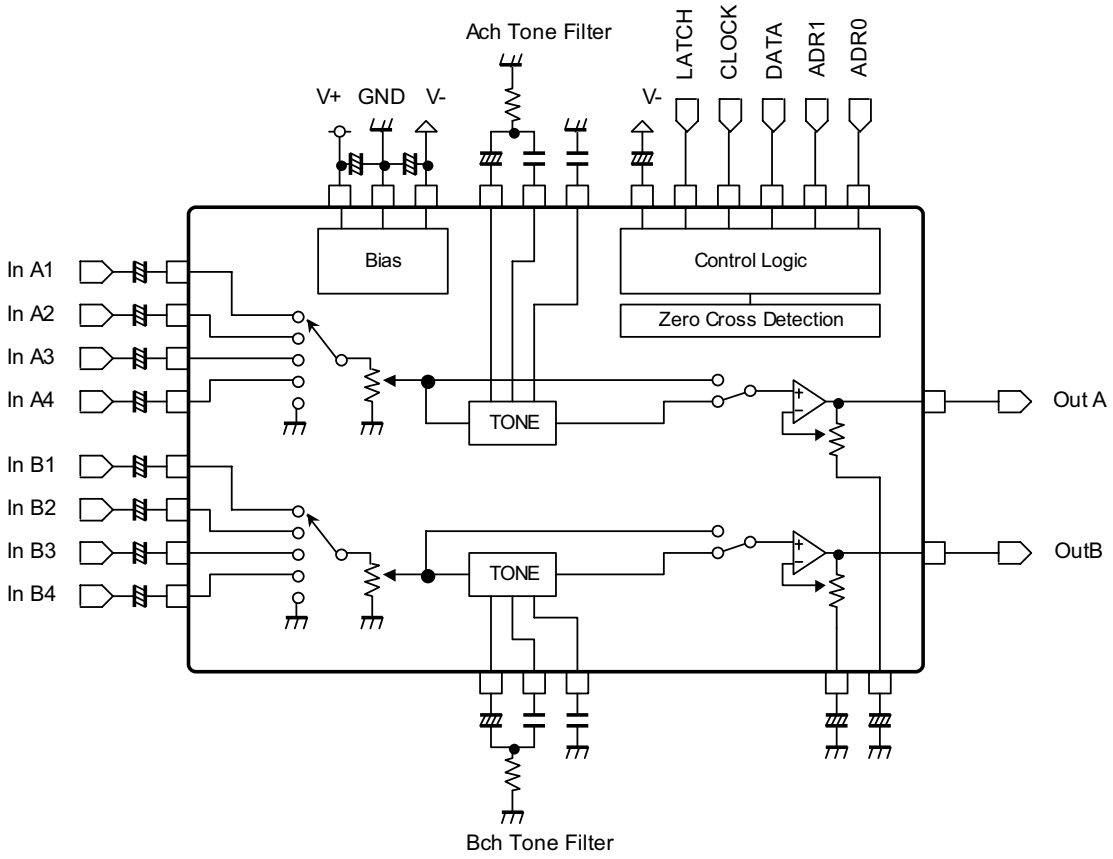
NJW1194V (VOL/REG : IC505,514)



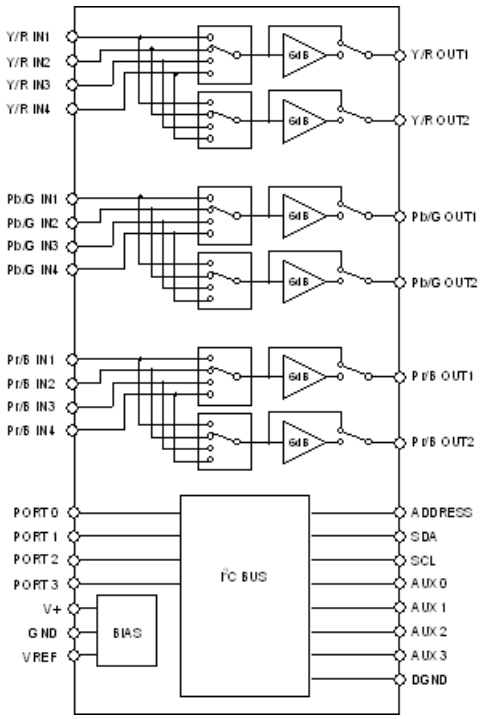
No.	Pin Name
1	InA1
2	InA2
3	InA3
4	InA4
5	GND
6	DCCAP_A
7	GND
8	Out A
9	VDDOUT
10	DATA
11	CLOCK
12	LATCH
13	GND
14	Tone_Tr1a
15	Tone_Ba1a
16	Tone_Ba2a

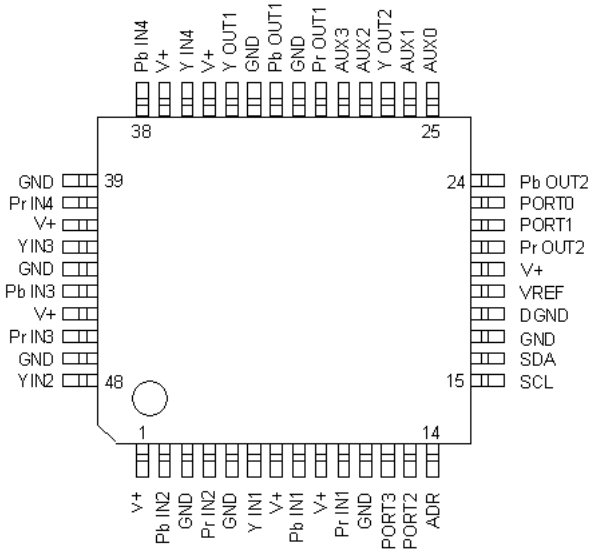
No.	Pin Name
17	Tone_Ba2b
18	Tone_Ba1b
19	Tone_Tr1b
20	GND
21	V -
22	V +
23	ADR0
24	ADR1
25	Out B
26	GND
27	DCCAP_B
28	GND
29	InB4
30	InB3
31	InB2
32	InB1

Block Diagram



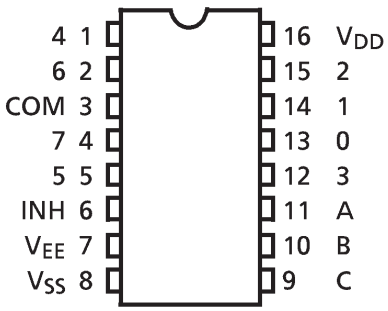
NJW1321FP1 (A.VIDEO : IC201,202)



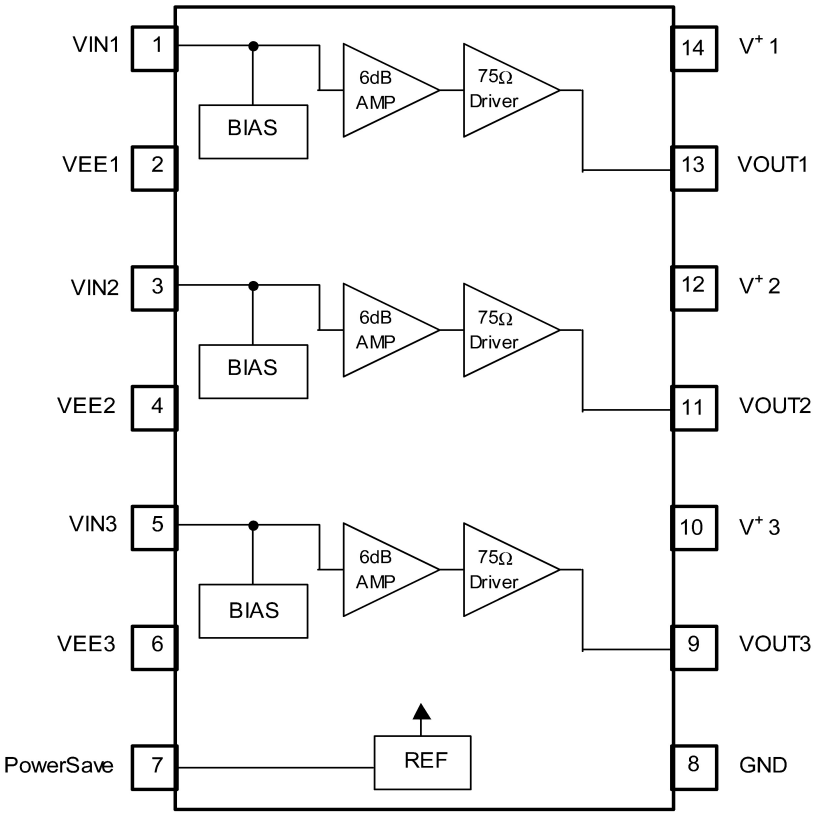


1. V+	13. PORT2	25. AUX0	37. V+
2. Pb IN2	14. ADR	26. AUX1	38. Pb IN4
3. GND	15. SCL	27. Y OUT2	39. GND
4. Pr IN2	16. SDA	28. AUX2	40. Pr IN4
5. GND	17. GND	29. AUX3	41. V+
6. Y IN1	18. DGND	30. Pr OUT1	42. Y IN3
7. V+	19. VREG	31. GND	43. GND
8. Pb IN1	20. V+	32. Pb OUT1	44. Pb IN3
9. V+	21. Pr OUT2	33. GND	45. V+
10. Pr IN1	22. PORT1	34. Y OUT1	46. Pr IN3
11. GND	23. PORT 0	35. V+	47. GND
12. PORT3	24. Pb OUT2	36. Y IN4	48. Y IN2

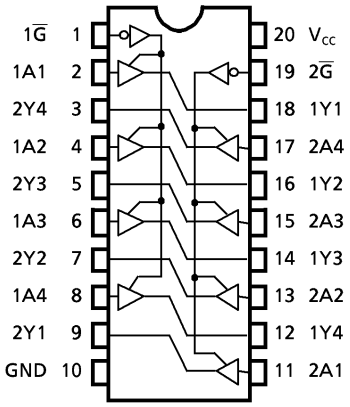
TC4051BFT (A.VIDEO : IC412,413,414,415,416,417,418,419,420)
TC4052BFT (A.VIDEO : IC427,428,429,430,431)
TC4053BFT (A.VIDEO : IC409,410,411,421,422,423,424,425,426,703)



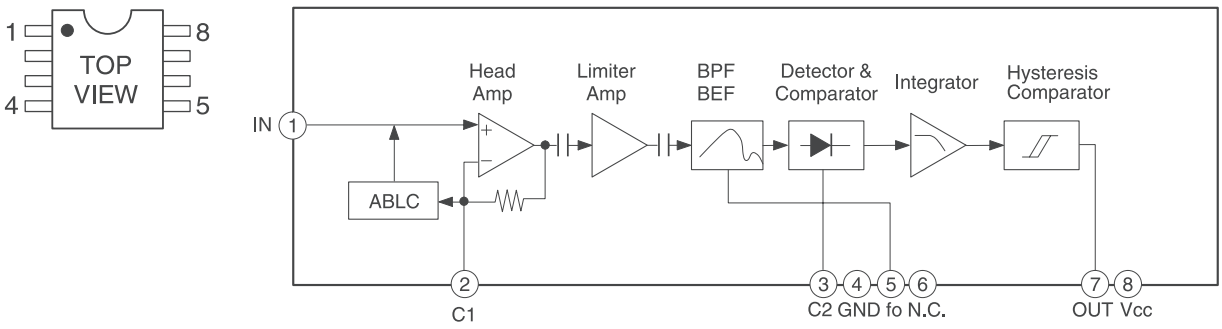
NJM2581M-TE1 (A.VIDEO : IC203,205,206)



TC74VHC244FT (CPU : IC901)

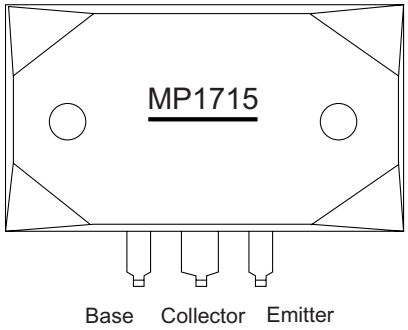


CXA1511M (VOL/REG : IC803)

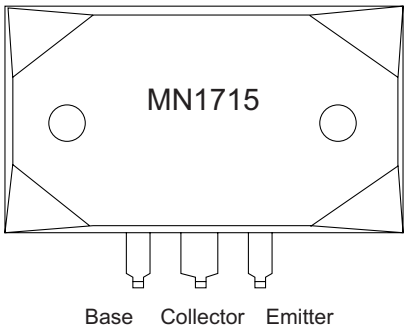


2. TRNSISTOR

MP1715 (PA: TR202,204,206,208,210,212,214)

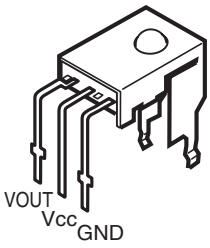


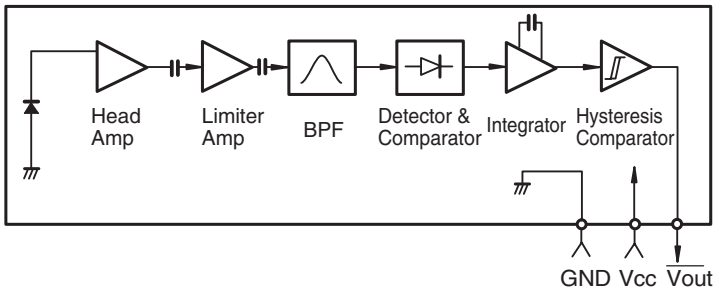
MN1715 (PA: TR201,203,205,207,209,211,213)



3. OTHERS

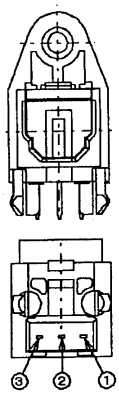
GP1UM271XKVF (Remote Control Sensor) (FRONT : IC701)



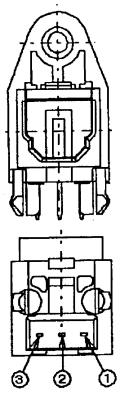


4. OPTICAL

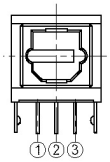
TORX142 (D.AUDIO : IC101-104) **TOTX142 (D.AUDIO : IC105-108)** **GP1FMV31RK0F (VOL/REG : IC801)**



Pin connection
1. Output
2. GND
3. Vcc



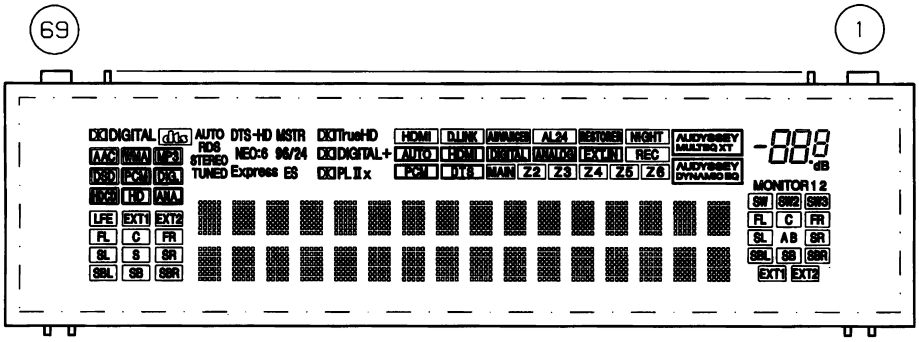
Pin connection
1. GND
2. Vcc
3. Input



① V_{CC}
② GND
③ V_{OUT}

5. FL DISPLAY

FLD (19-BT-08GINK) (FRONT : FL701)



PIN CONNECTION

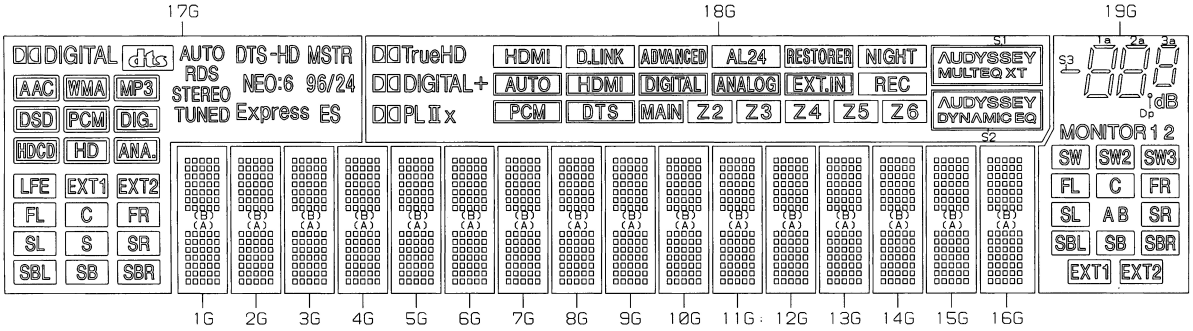
PIN NO.	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51
CONNECTION	F2	NX	NX	NP	NP	LGND	PGND	VDD	VH	DSET	IREF	-	CSP	CDA	DSA	TSAB	TSAB	Q19G	Q18G	Q17G

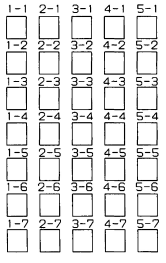
PIN NO.	540	539	538	537	536	535	534	533	532	531	530	529	528	527	526	525	524	523	522	521	520	519	518	517	516	515	514	513	512	511	510	509	508	507	506	505	504	503	502	501	500	499	498	497	496	495	494	493	492	491	490	489	488	487	486	485	484	483	482	481
CONNECTION	17G	18G	19G	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	NX	F1

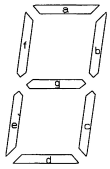
NOTE

1) F1,F2 --- Filament
2) NP ------ No pin
3) NX ------ No extend pin
4) DL ------ Datum Line
5) LGND ---- Logic GND pin
6) PGND ---- Power GND pin
7) VH ------ High Voltage Supply pin
8) VDD ----- Logic Voltage Supply pin
9) CP ------ Shift Register Clock
10) DA ------ Serial Data Input
11) ISA,B --- Test pin
12) $\overline{CS}$ ------ Chip Select Input pin
13) $\overline{RESET}$ --- Reset Input
14) OSC ----- Pin for self-oscillation
15) NC ------ No connection
    (NC pin should be electrically open on the PC board.)
16) 17G;18G,19G-----Grid
17) Q17G,Q18G,Q19G-----Driver Output Port

GRID ASSIGNMENT







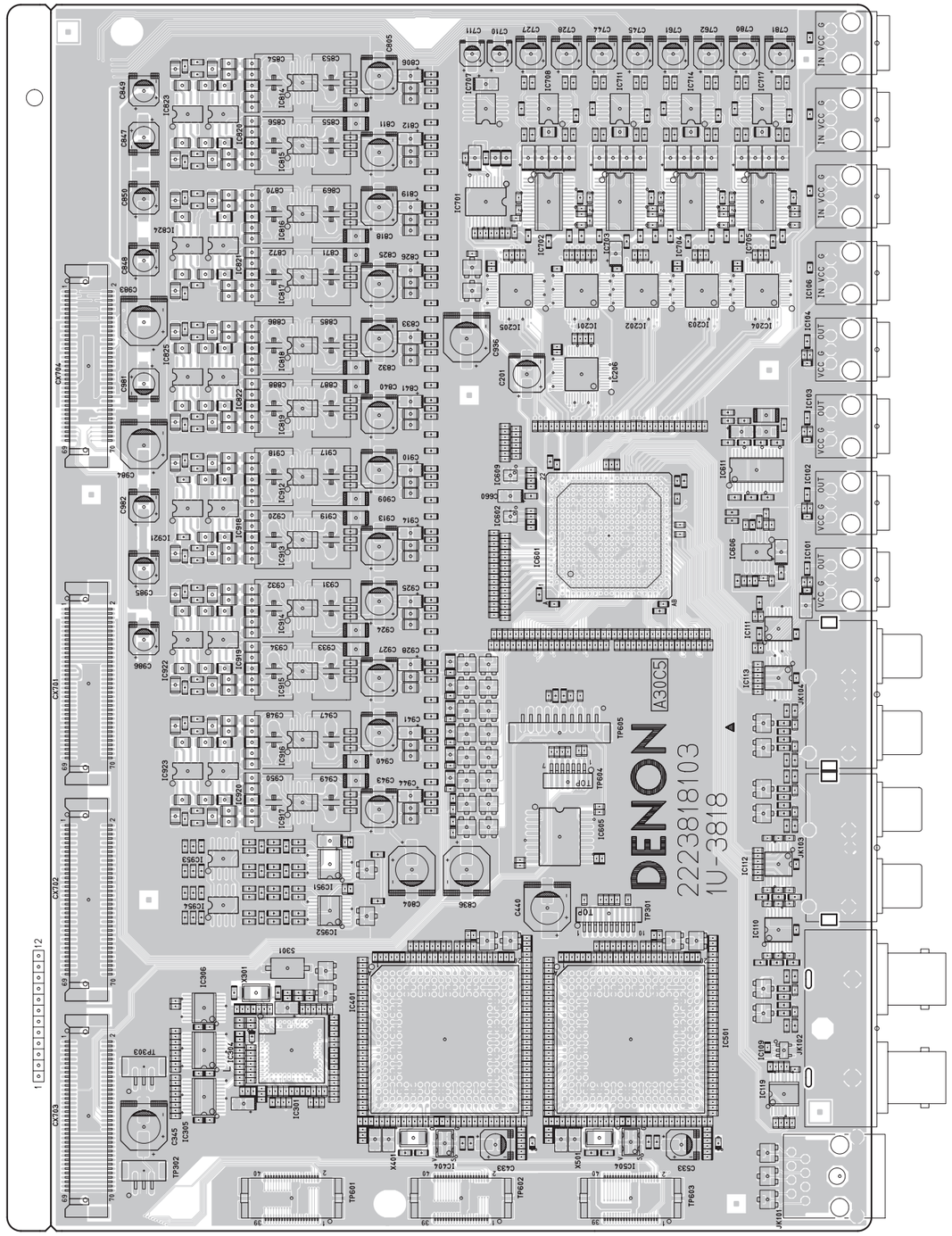
ANODE CONNECTION

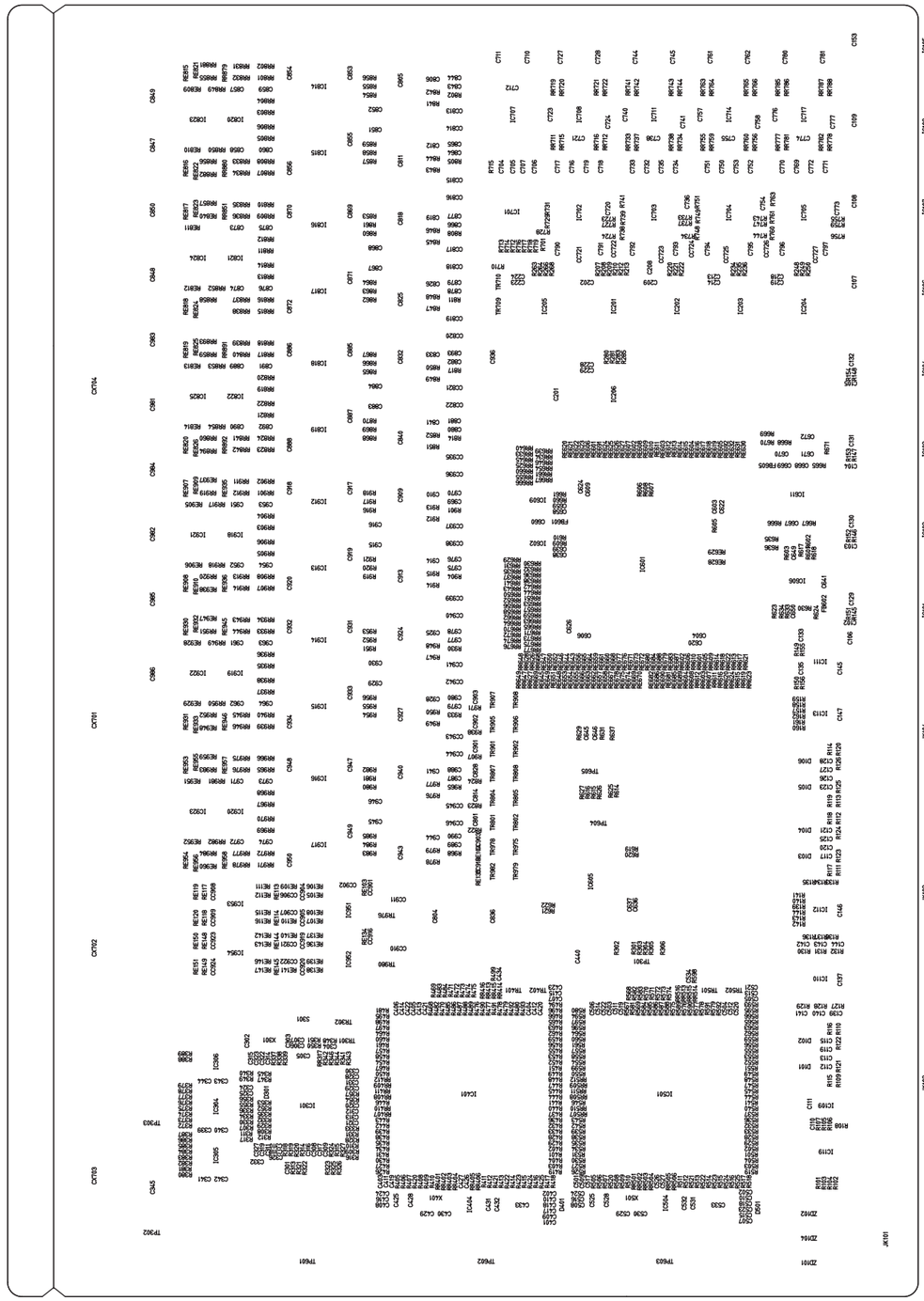
	1G~16G	17G~18G	19G
D0A	1-1A	-	-
D1A	2-1A	-	-
D2A	3-1A	-	-
D3A	4-1A	-	-
D4A	5-1A	-	-
D5A	1-2A	-	-
D6A	2-2A	-	-
D7A	3-2A	-	-
D8A	4-2A	-	-
D9A	5-2A	-	-
D10A	1-3A	-	-
D11A	2-3A	-	dB
D12A	3-3A	-	Dp
D13A	4-3A	-	3d
D14A	5-3A	-	3e
D15A	1-4A	-	3c
D16A	2-4A	-	3g
D17A	3-4A	-	3f
D18A	4-4A	-	3b
D19A	5-4A	-	3a
D20A	1-5A	-	2d
D21A	2-5A	-	2e
D22A	3-5A	-	2c
D23A	4-5A	-	2g
D24A	5-5A	-	2f
D25A	1-6A	-	2b
D26A	2-6A	-	2a
D27A	3-6A	-	1d
D28A	4-6A	-	1e
D29A	5-6A	-	1c
D30A	1-7A	-	1g
D31A	2-7A	-	1f
D32A	3-7A	-	1b
D33A	4-7A	-	1a
D34A	5-7A	-	S3

	1G~16G	17G	18G	19G
D0B	1-1B	ES	-	-
D1B	2-1B	96/24	-	-
D2B	3-1B	MSTR	DYNAMIC EQ	-
D3B	4-1B	Express	AUDYSSEY (LOWER)	-
D4B	5-1B	NEO:6	S2	-
D5B	1-2B	-HD	Z6	-
D6B	2-2B	DTS	Z5	-
D7B	3-2B	TUNED	Z4	-
D8B	4-2B	STEREO	Z3	-
D9B	5-2B	RDS	Z2	-
D10B	1-3B	AUTO	MAIN	-
D11B	2-3B	dts	DTS	-
D12B	3-3B	DD DIGITAL	PCM	-
D13B	4-3B	MP3	X	-
D14B	5-3B	WMA	II	-
D15B	1-4B	AAC	PL	-
D16B	2-4B	DIG.	DD (PL)	-
D17B	3-4B	PCM	REC	2
D18B	4-4B	DSD	EXT.IN	1
D19B	5-4B	AMA.	ANALOG	MONITOR
D20B	1-5B	HD	DIGITAL	SW3
D21B	2-5B	HDCD	HDMI	SW2
D22B	3-5B	EXT2	AUTO	SW
D23B	4-5B	EXT1	+	FR
D24B	5-5B	LFE	DD DIGITAL (+)	C
D25B	1-6B	FR	MULTEQ XT	FL
D26B	2-6B	C	AUDYSSEY (UPPER)	SR
D27B	3-6B	FL	S1	B
D28B	4-6B	SR	NIGHT	A
D29B	5-6B	S	RESTORER	SL
D30B	1-7B	SL	AL24	SBR
D31B	2-7B	SBR	ADVANCED	SB
D32B	3-7B	SB	D.LINK	SBL
D33B	4-7B	SBL	HDMI	EXT2
D34B	5-7B	-	DD TrueHD	EXT1

PRINTED WIRING BOARDS

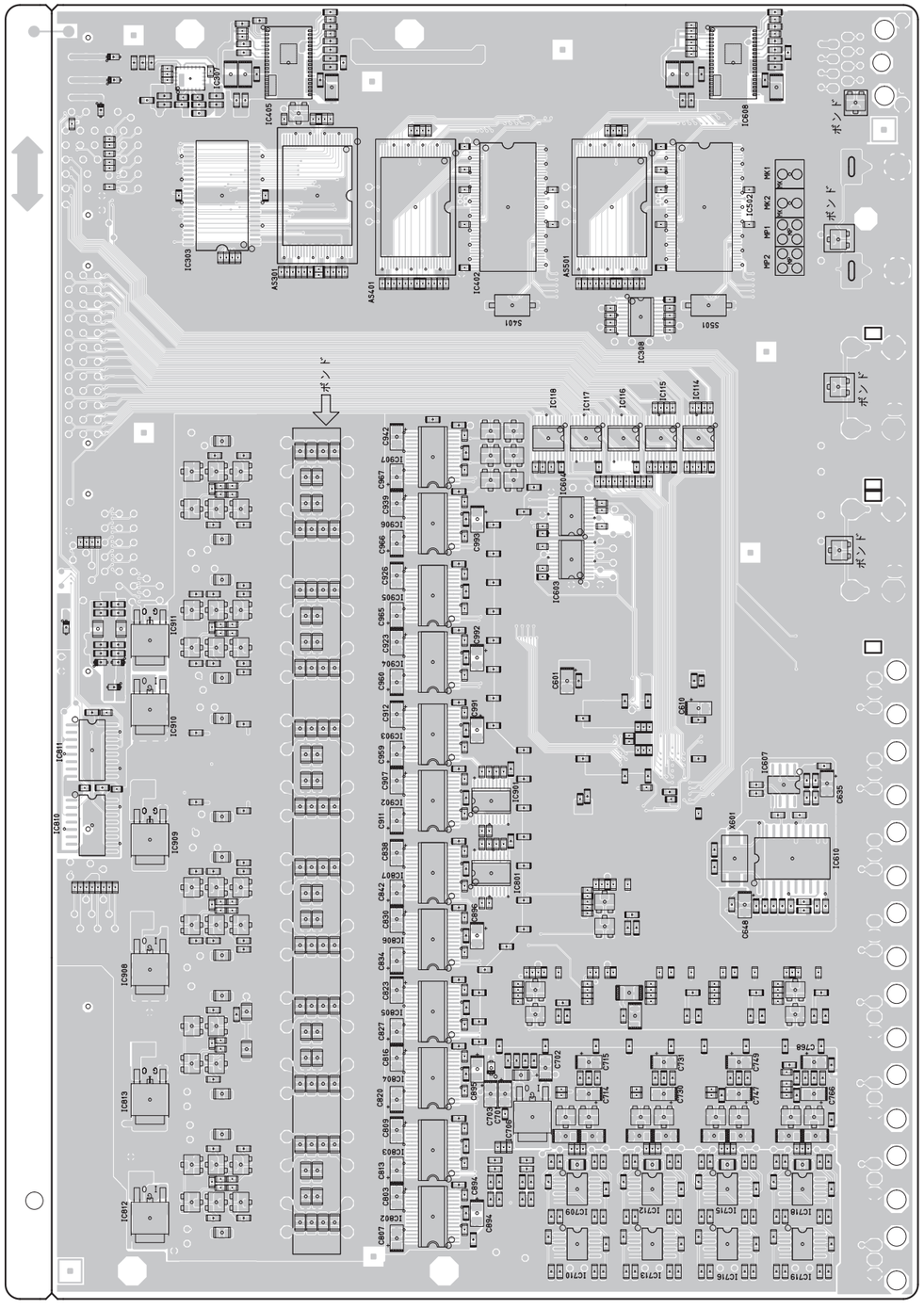
1U-3818 DIGITAL AUDIO UNIT (1/2)

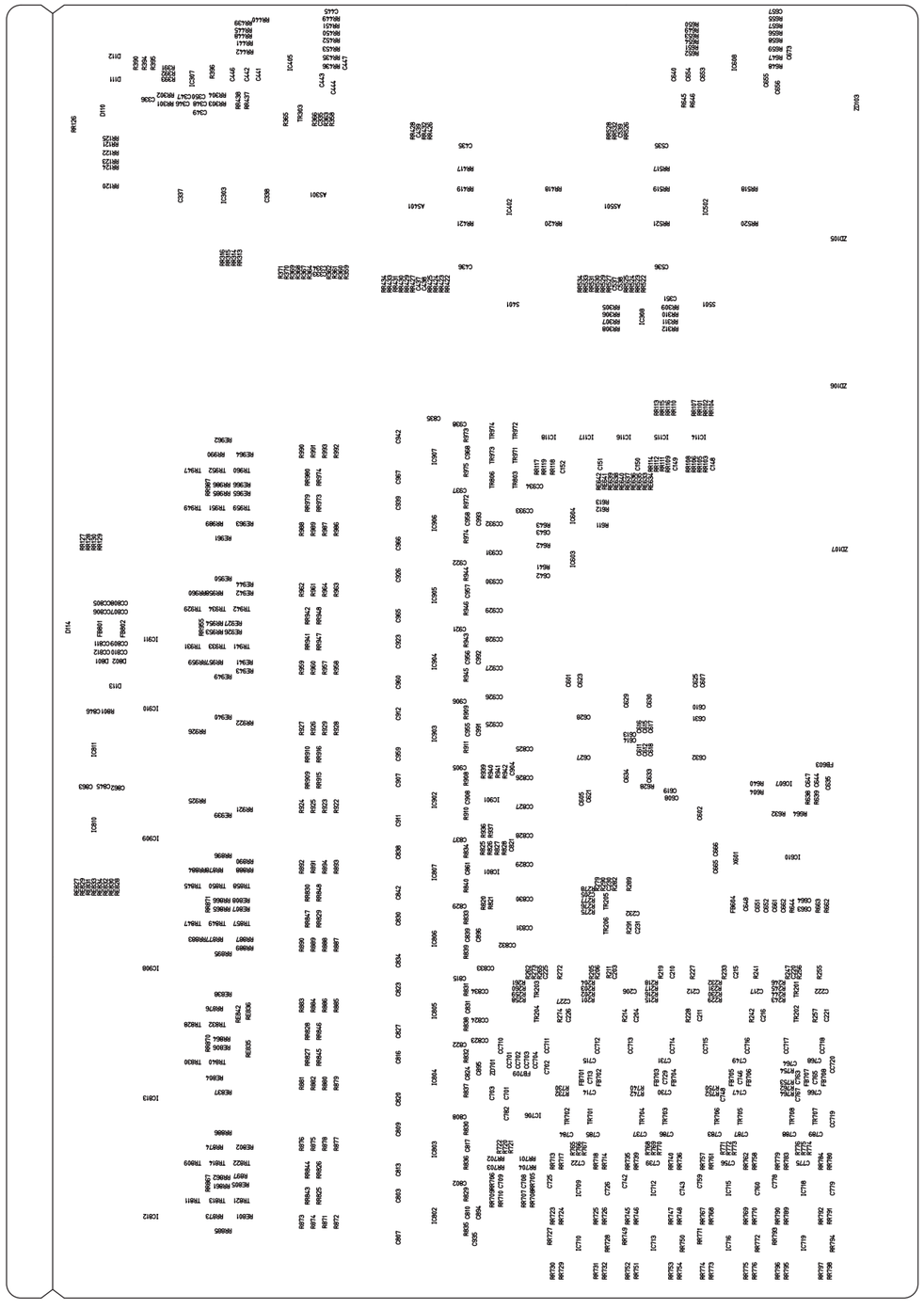




COMPONENT SIDE

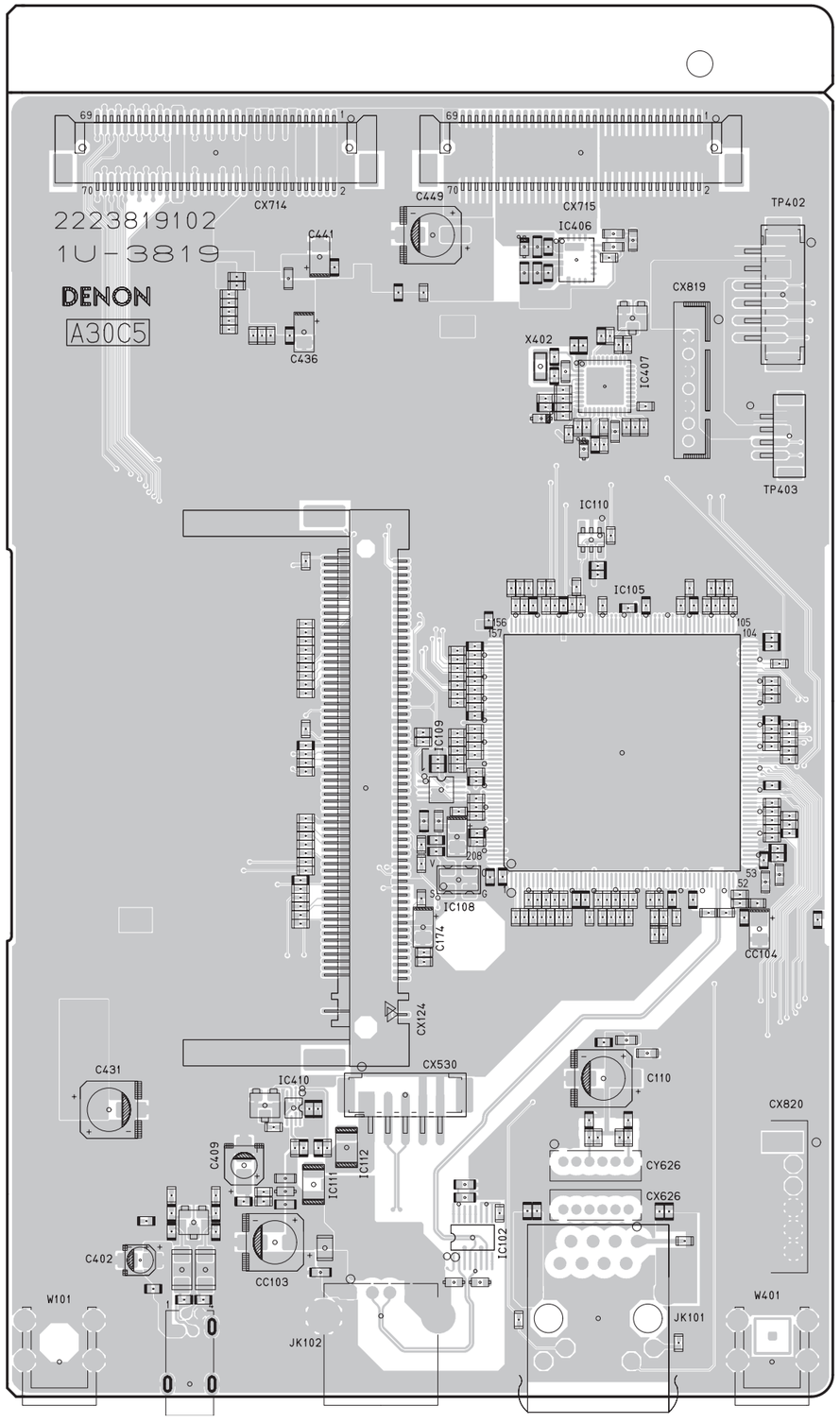
1U-3818 DIGITAL AUDIO UNIT (2/2)





FOIL SIDE

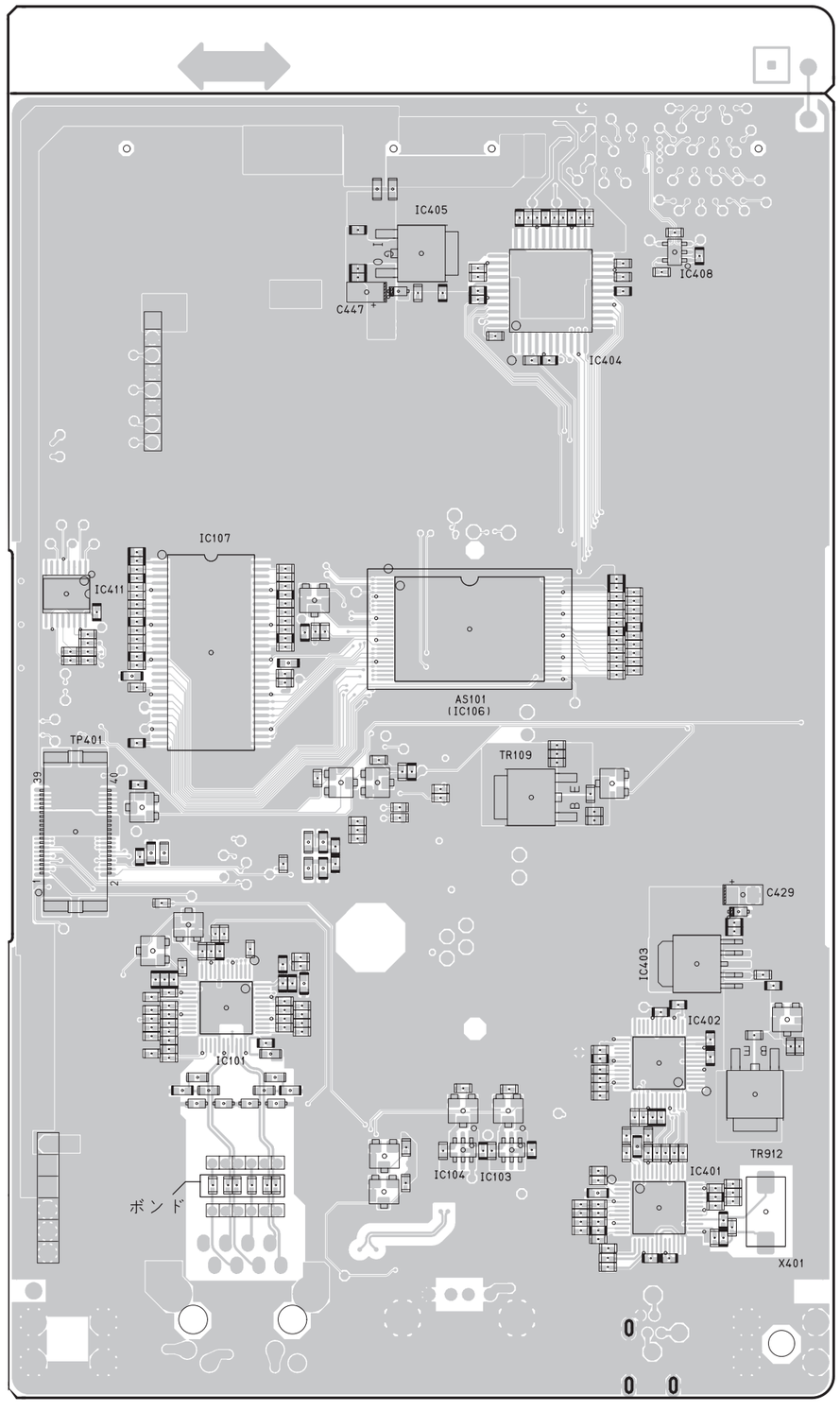
1U-3819 ETHERNET UNIT (1/2)

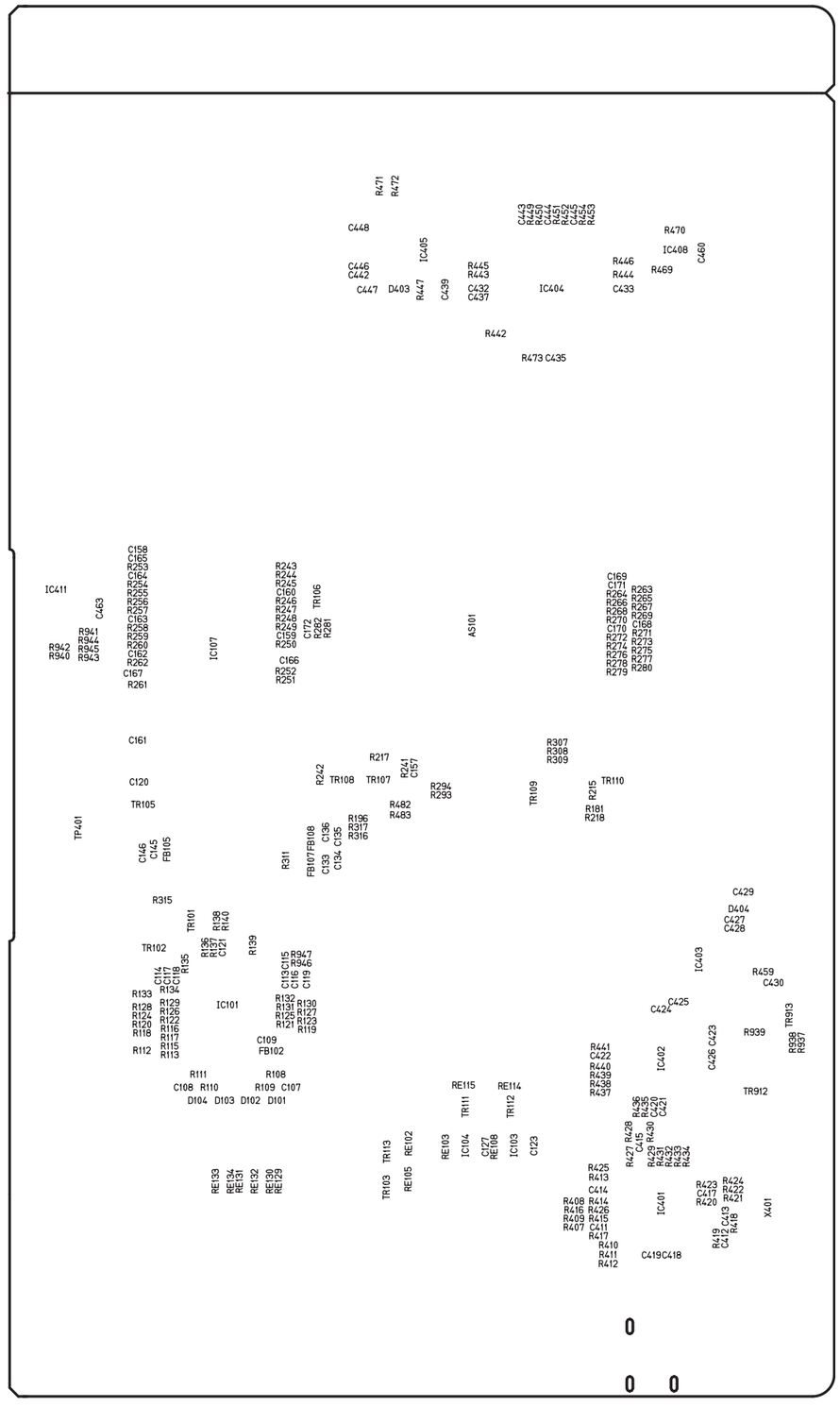




COMPONENT SIDE

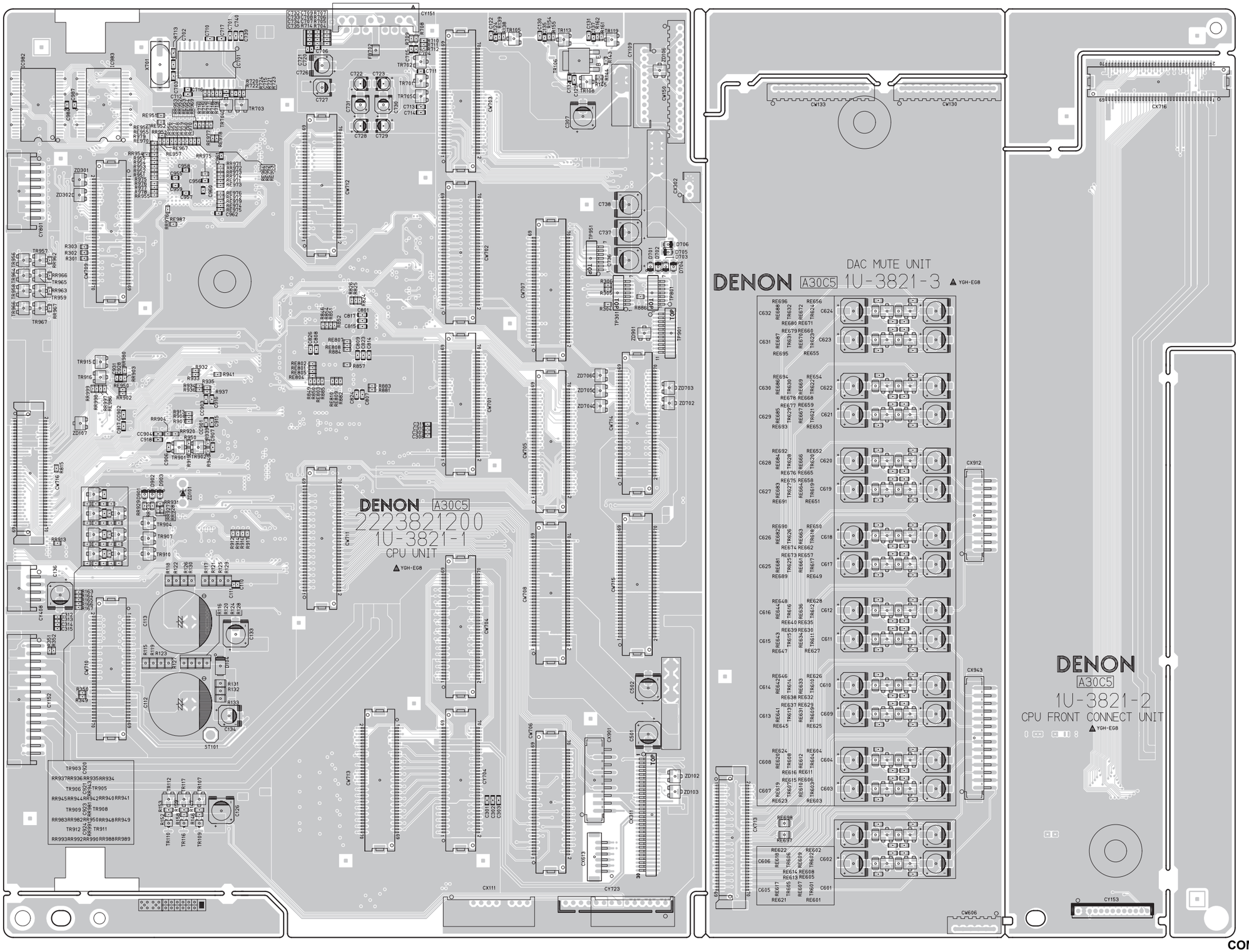
1U-3819 ETHERNET UNIT (2/2)





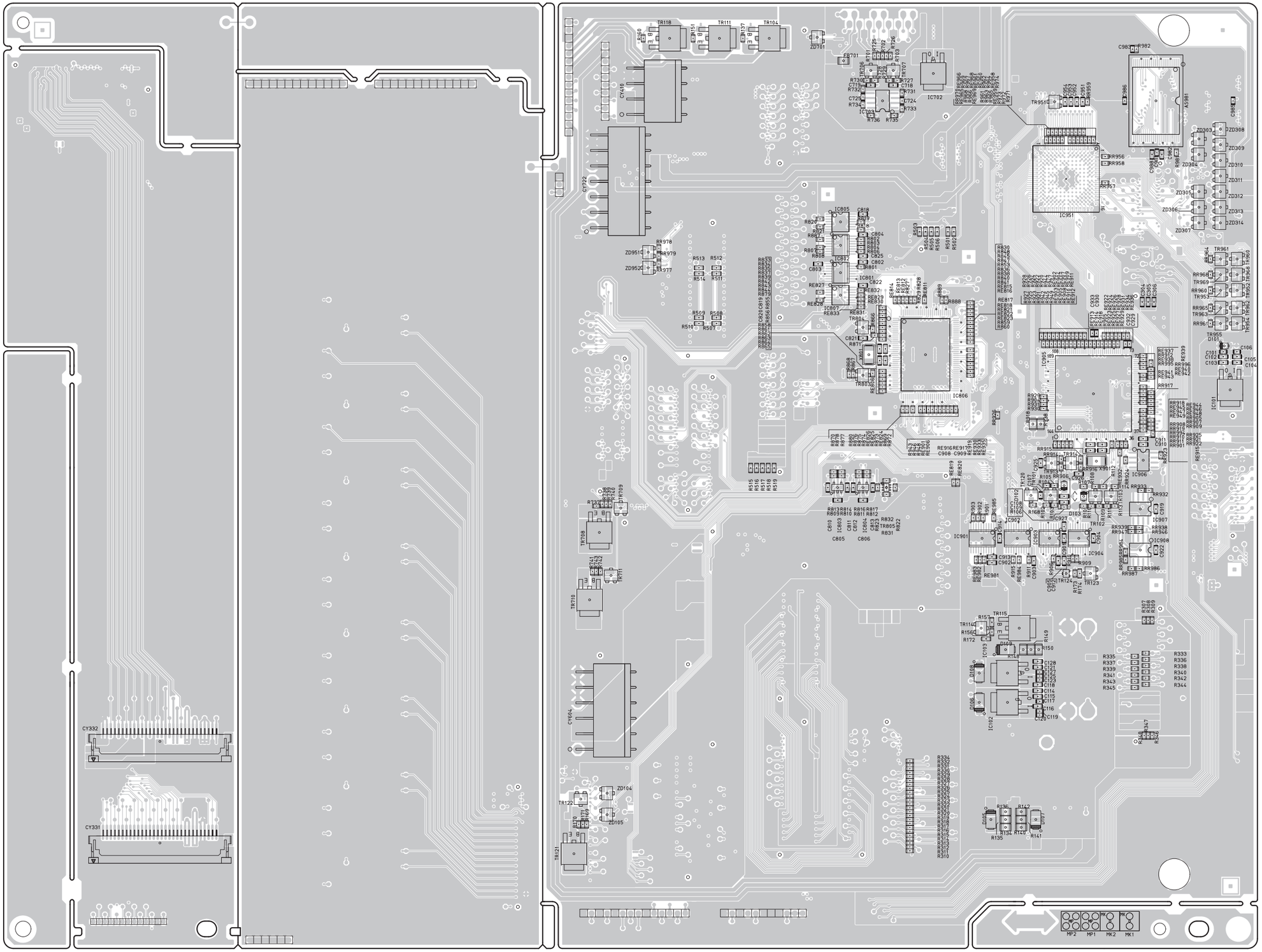
FOIL SIDE

1U-3821 CPU UNIT (1/2) ⚠3



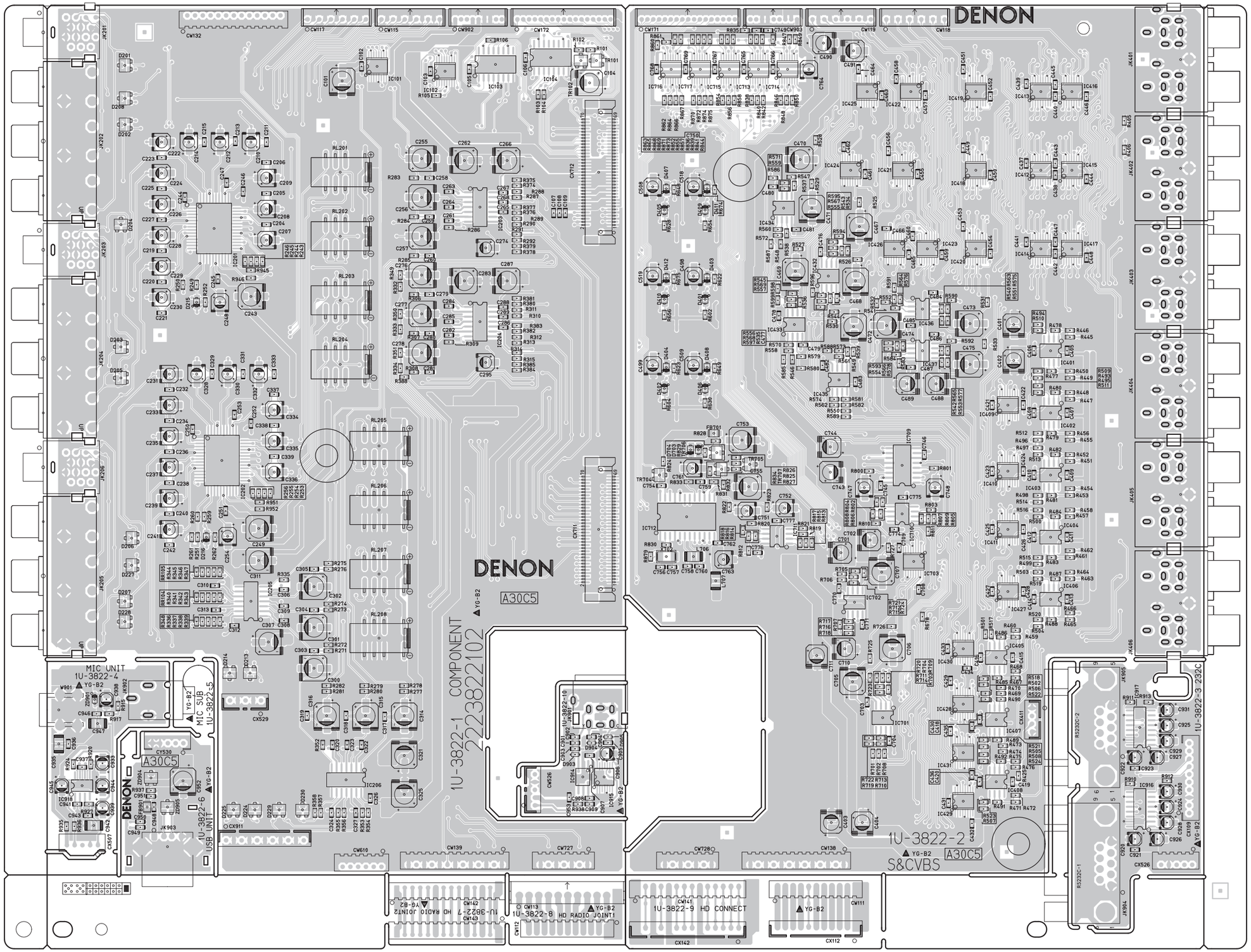
COMPONENT SIDE

1U-3821 CPU UNIT (2/2) ⚠3



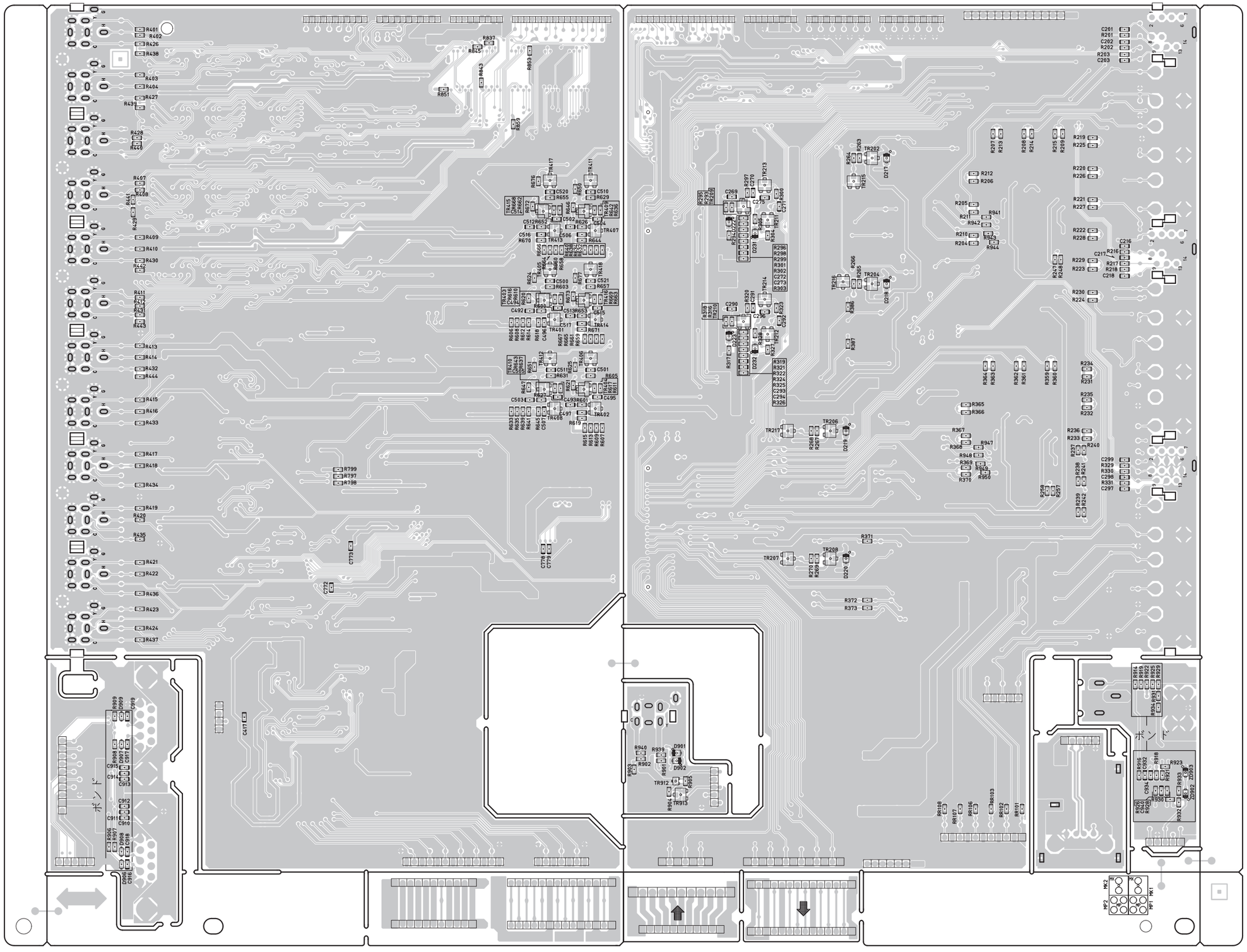
FOIL SIDE

1U-3822 ANALOG VIDEO UNIT (1/2)



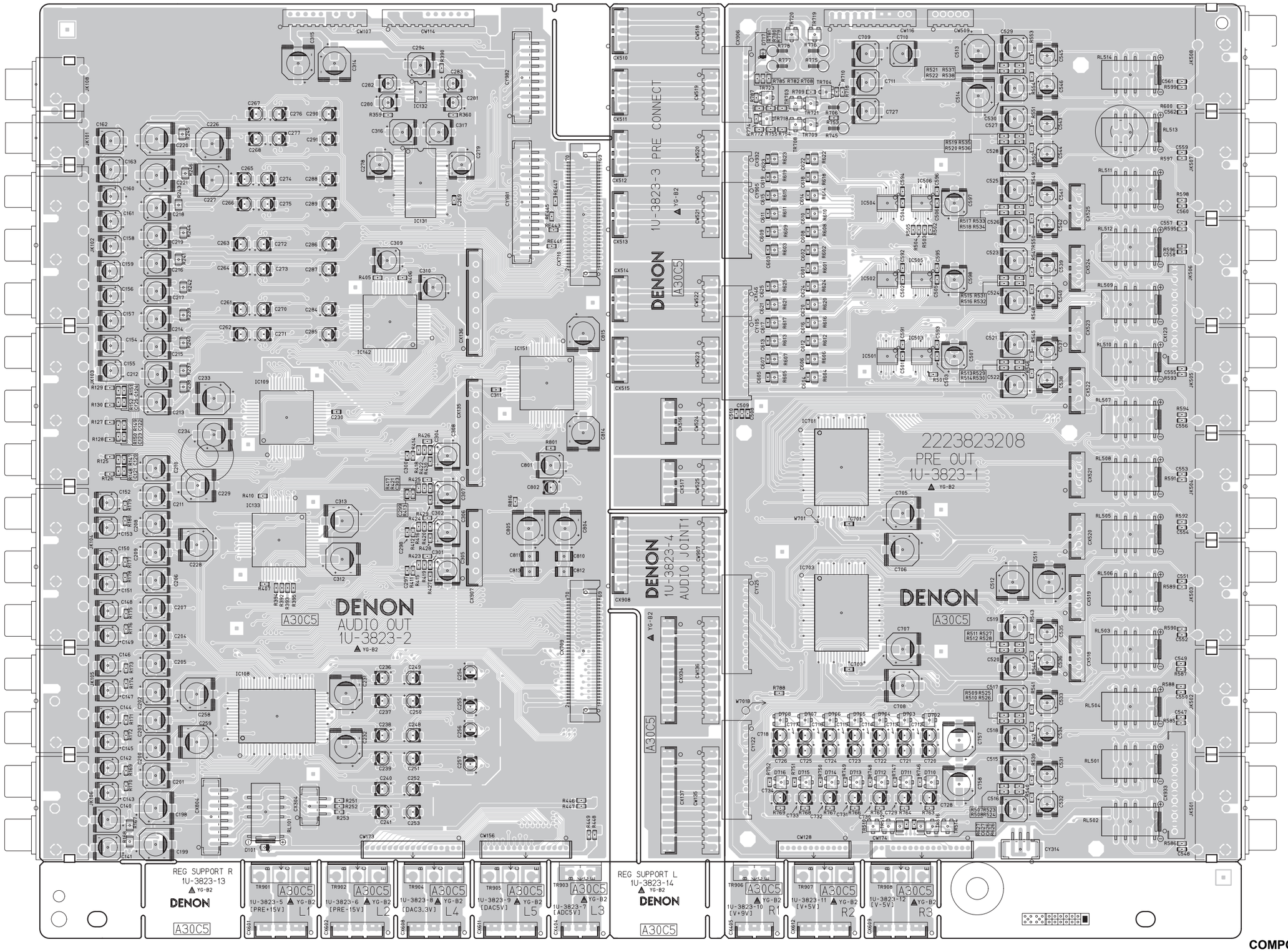
COMPONENT SIDE

1U-3822 ANALOG VIDEO UNIT (2/2)



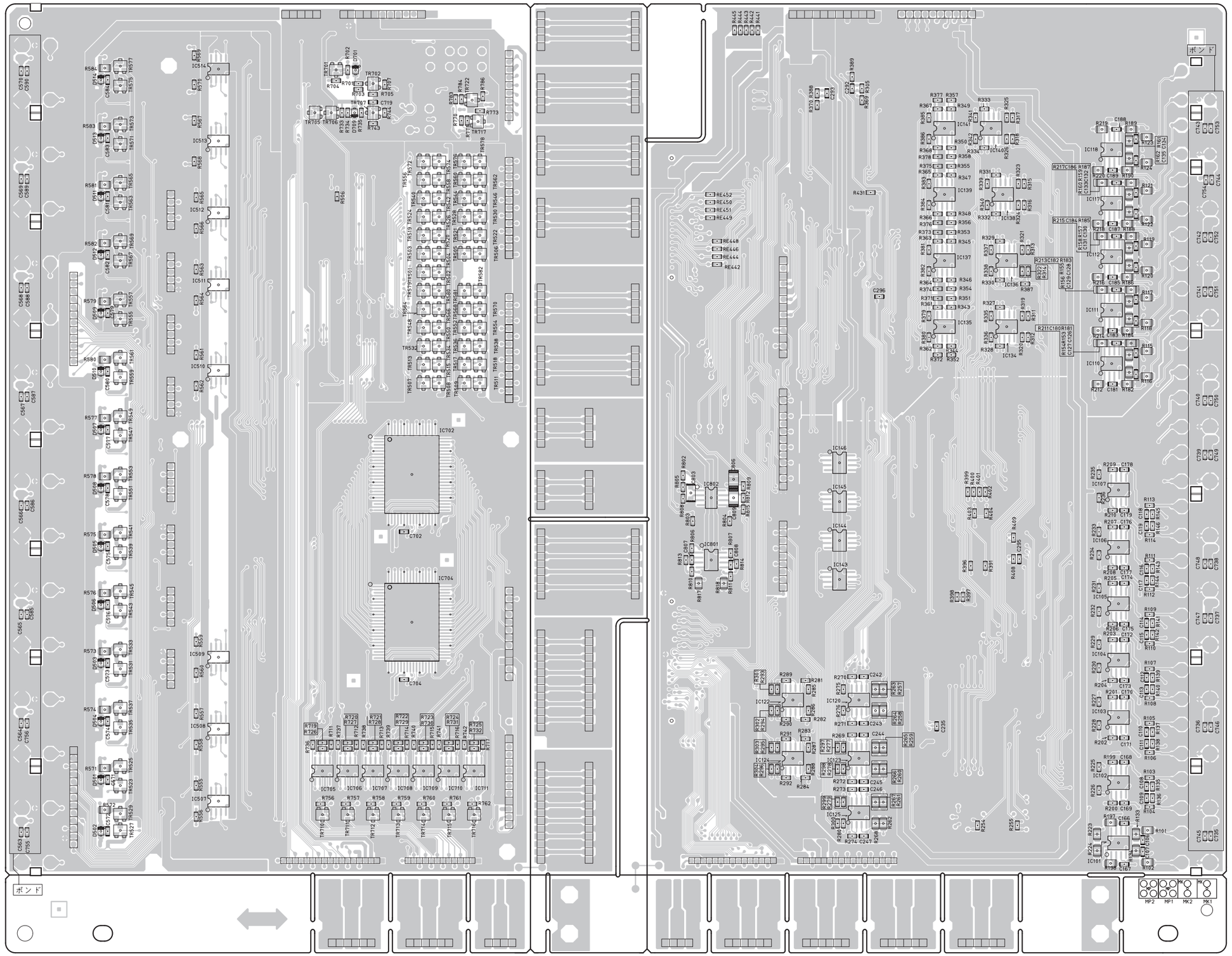
FOIL SIDE

1U-3823 ANALOG AUDIO UNIT (1/2) ⚠3



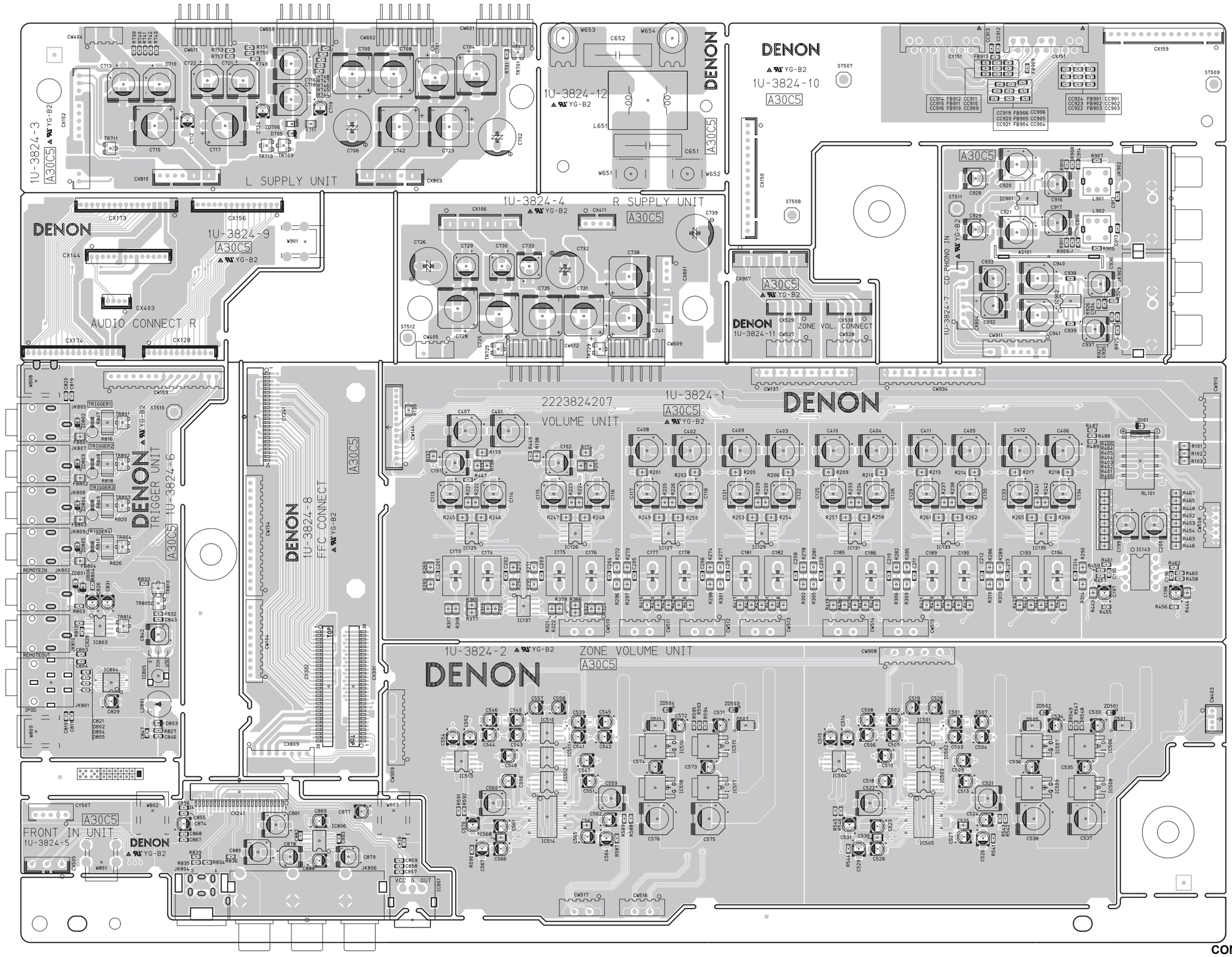
COMPONENT SIDE

1U-3823 ANALOG AUDIO UNIT (2/2) ⚠3



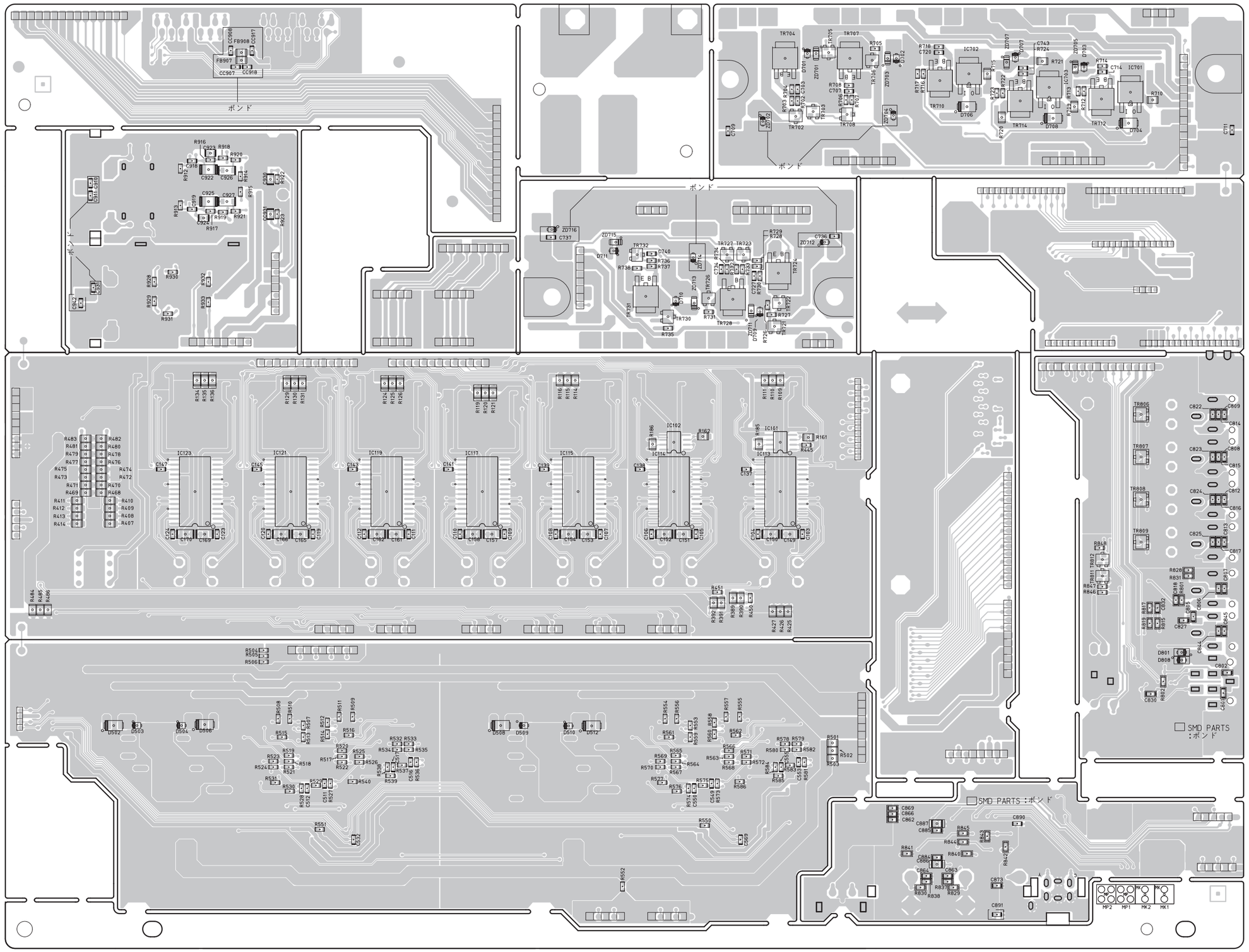
FOIL SIDE

1U-3824 VOL/REG UNIT (1/2) ⚠3



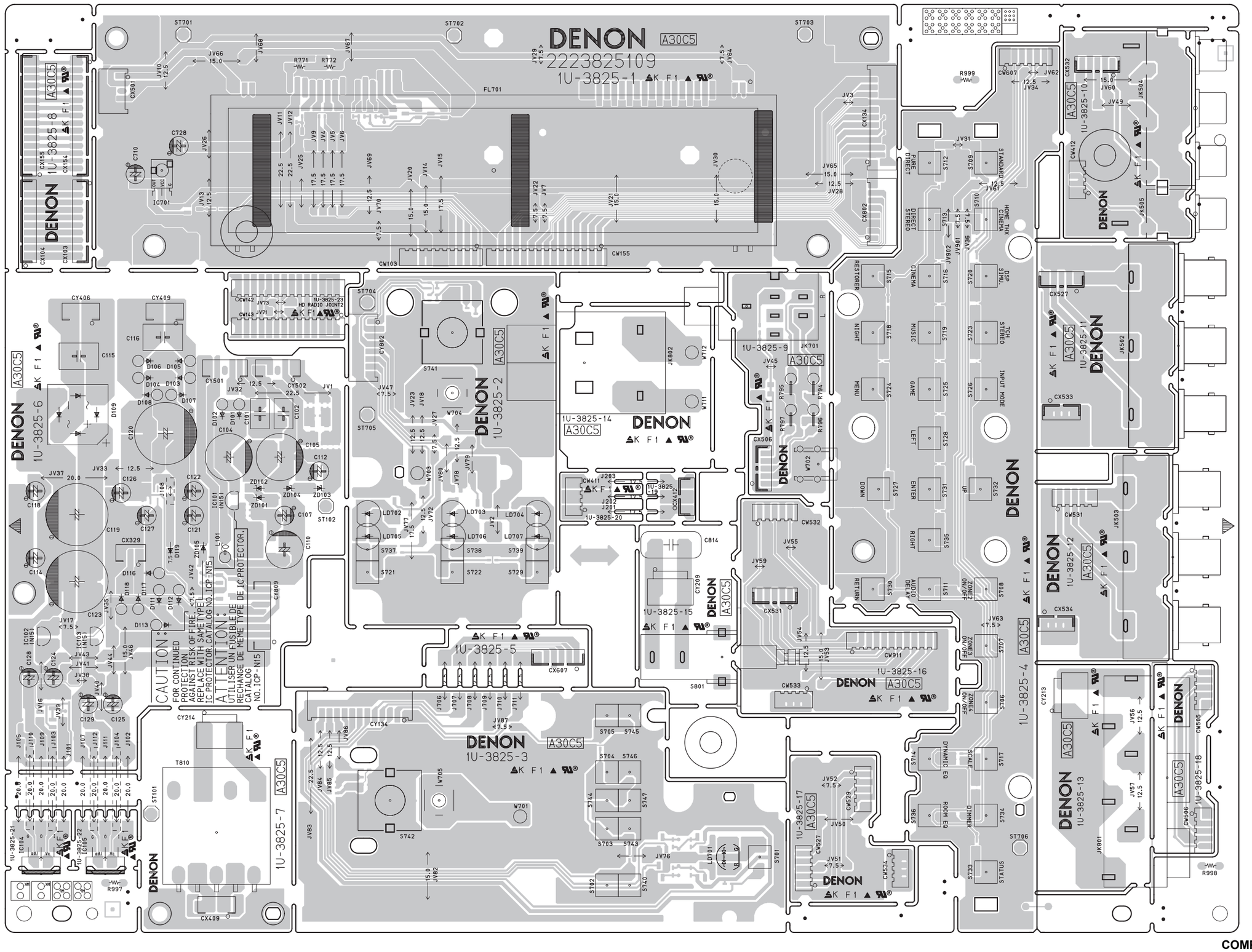
COMPONENT SIDE

1U-3824 VOL/REG UNIT (2/2) ⚠3



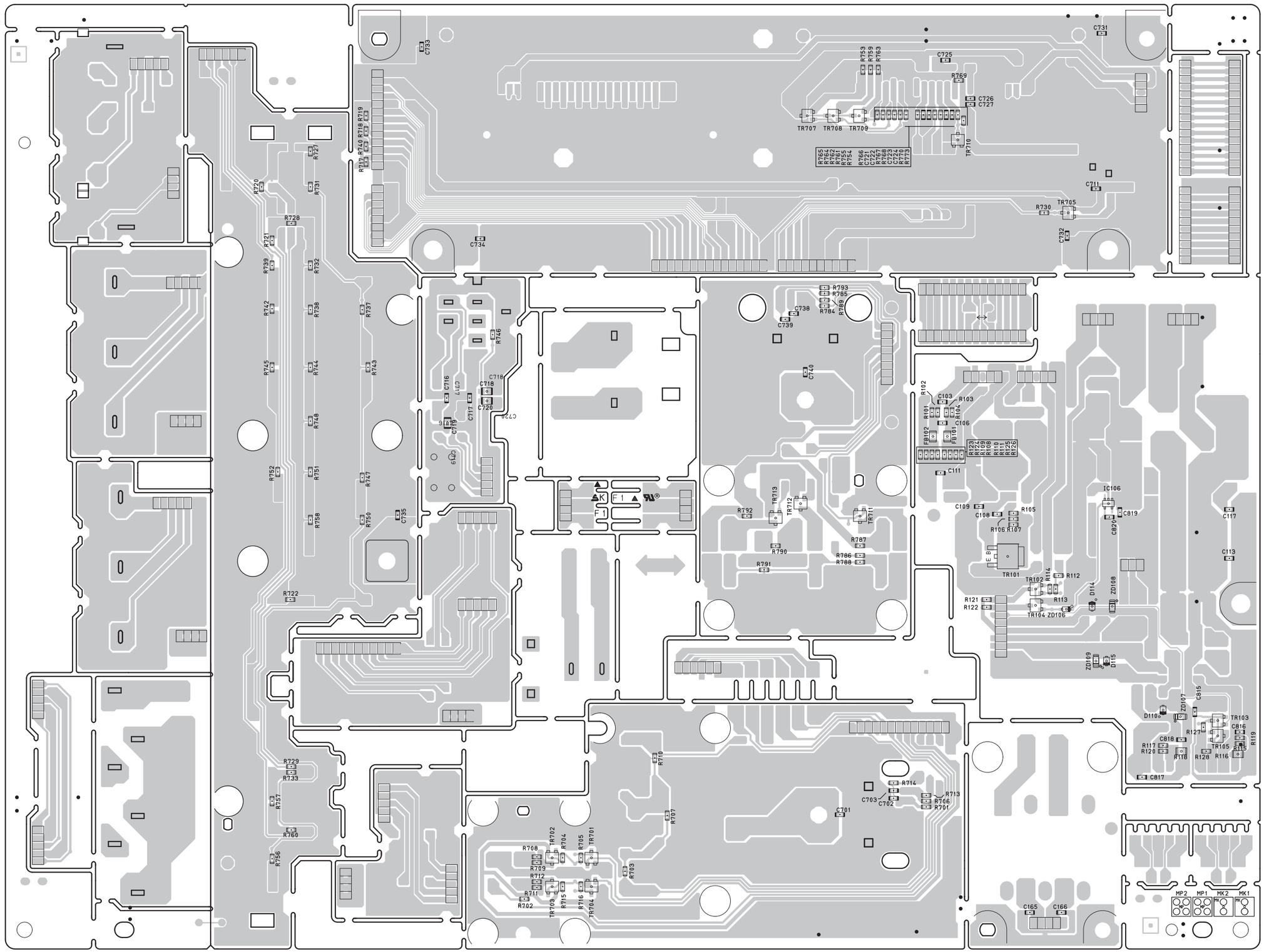
FOIL SIDE

1U-3825 FRONT UNIT (1/2)



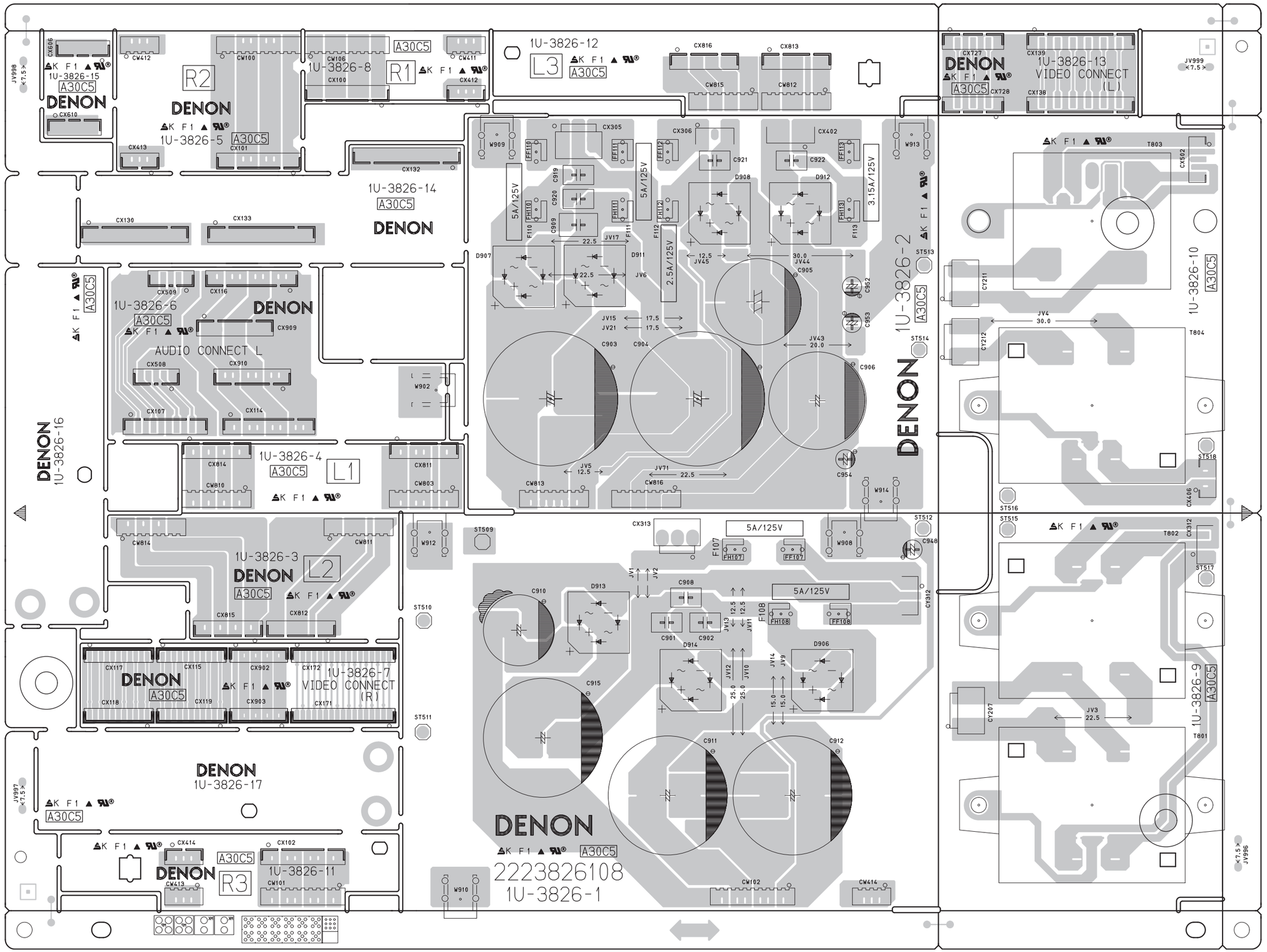
COMPONENT SIDE

1U-3825 FRONT UNIT (2/2)



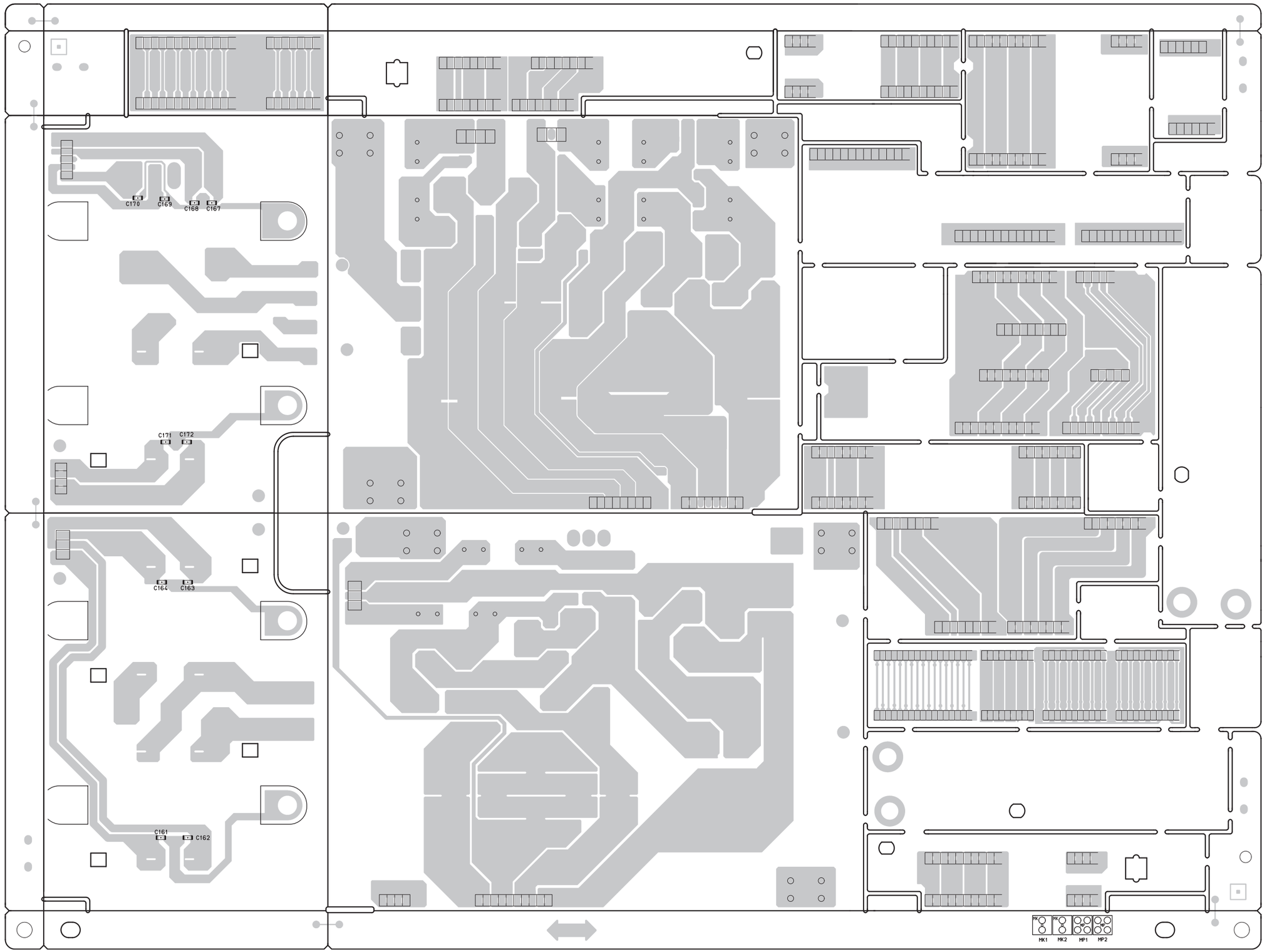
FOIL SIDE

1U-3826 PRIMARY UNIT (1/2)



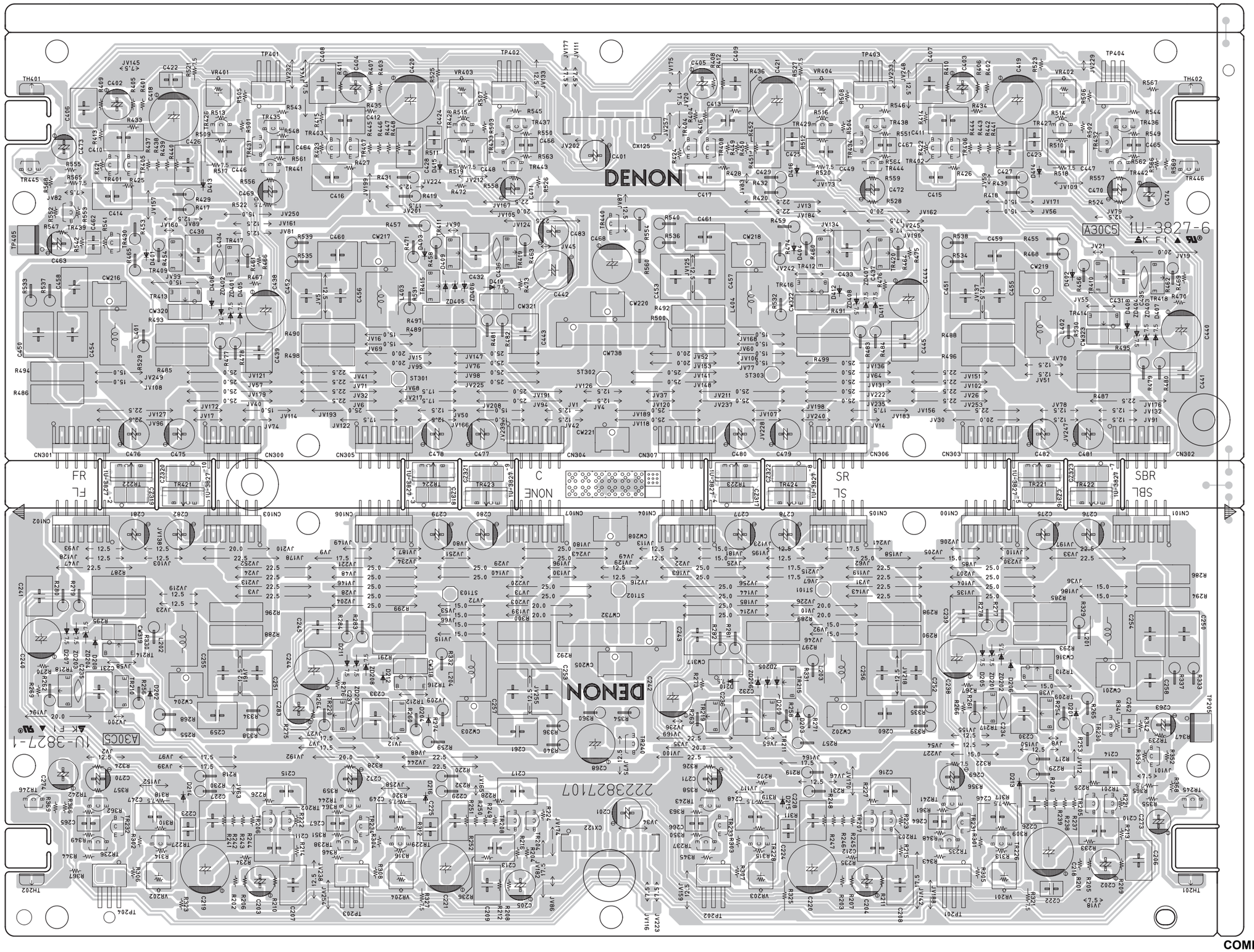
COMPONENT SIDE

1U-3826 PRIMARY UNIT (2/2)



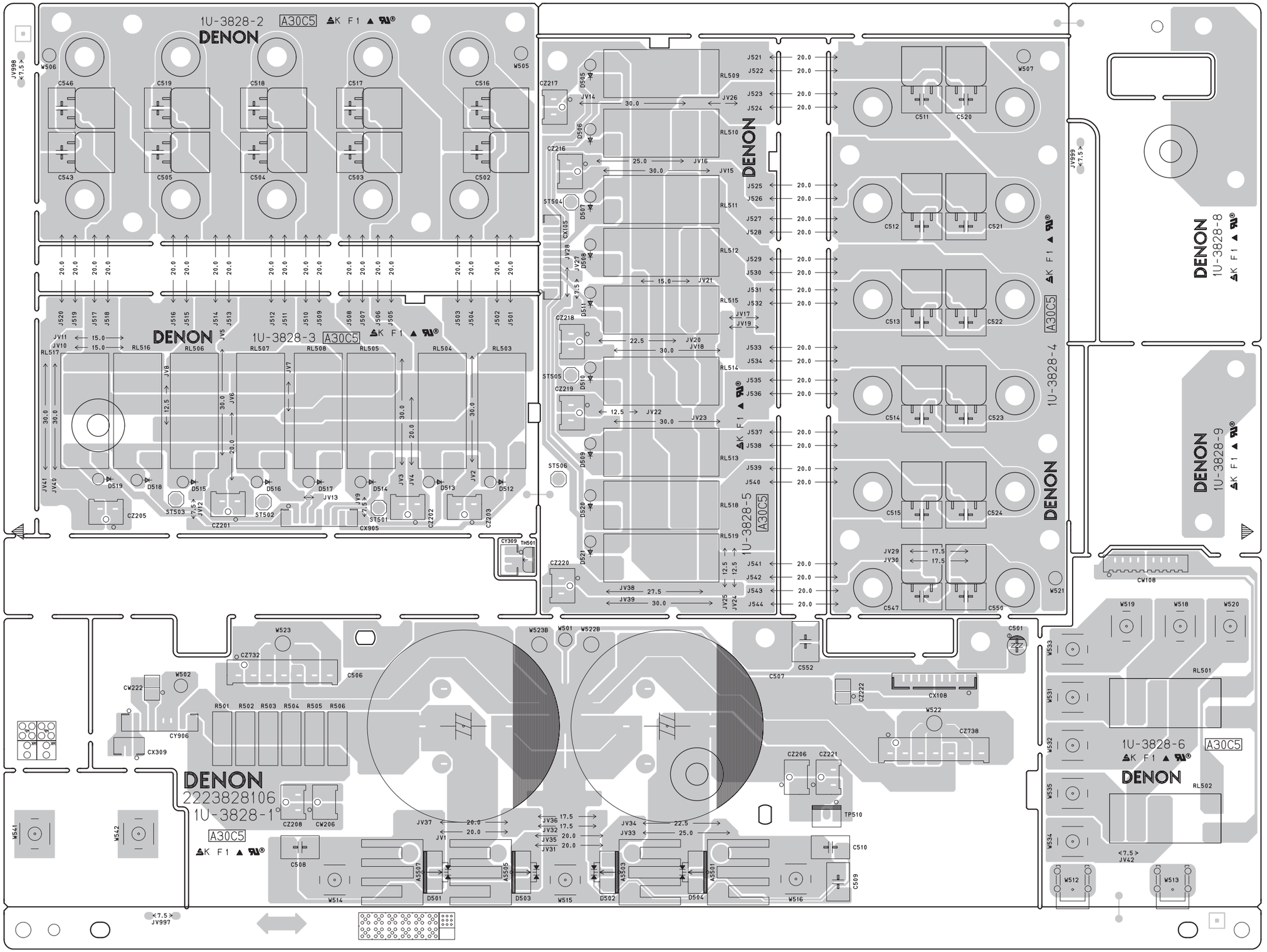
FOIL SIDE

1U-3827 AMP (L) UNIT (1/1)



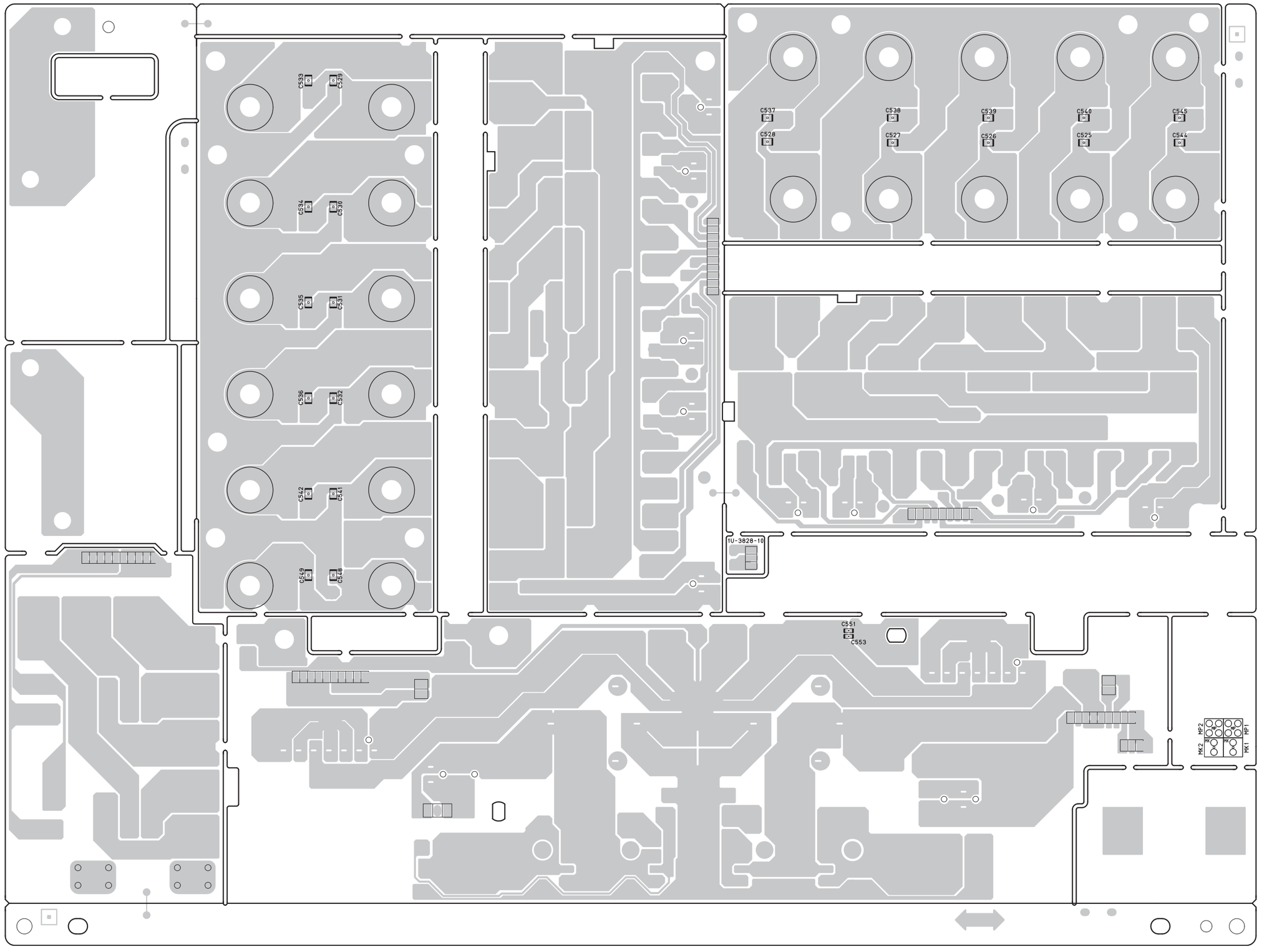
COMPONENT SIDE

1U-3828 RECTIFIERE UNIT (1/2)



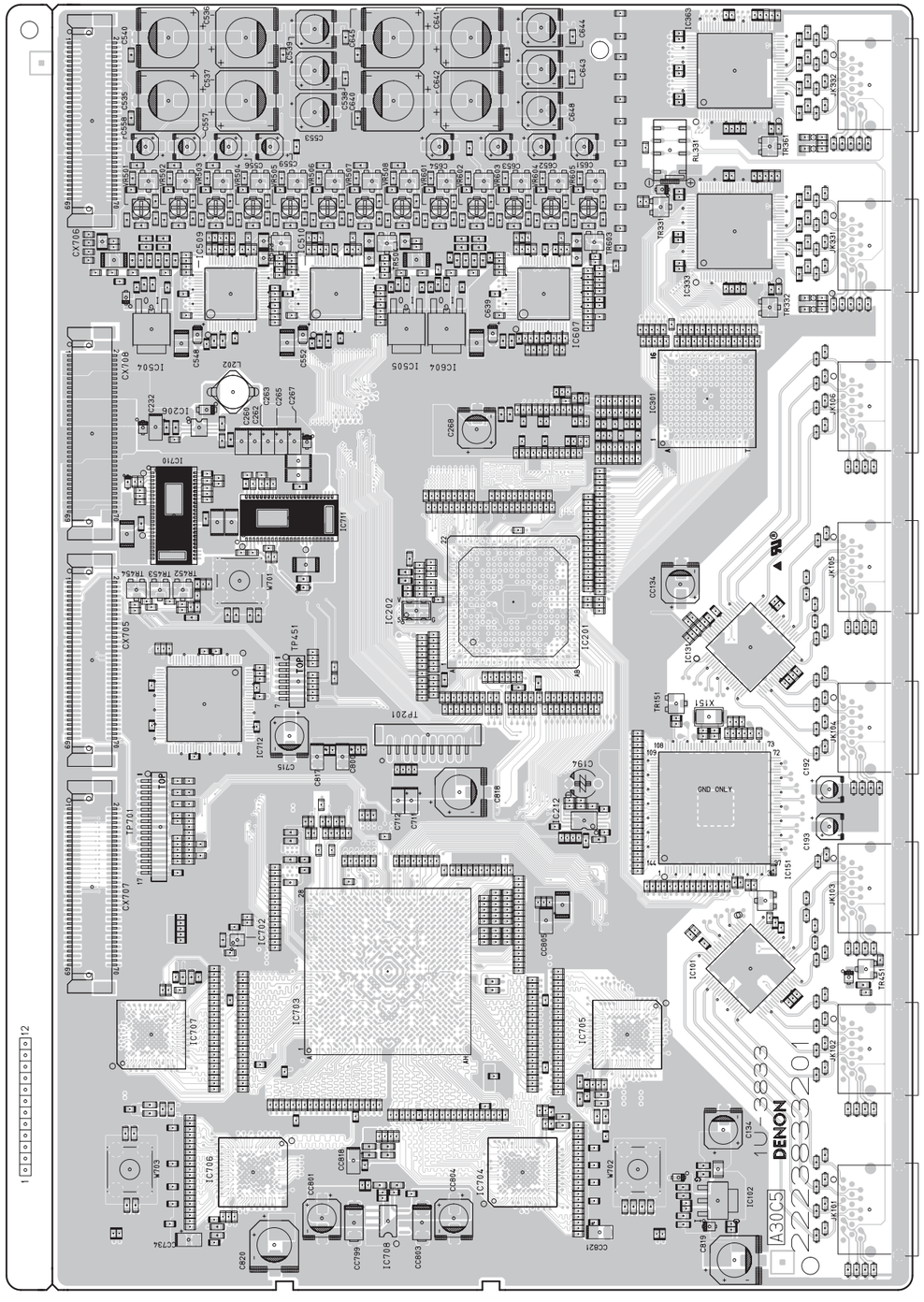
COMPONENT SIDE

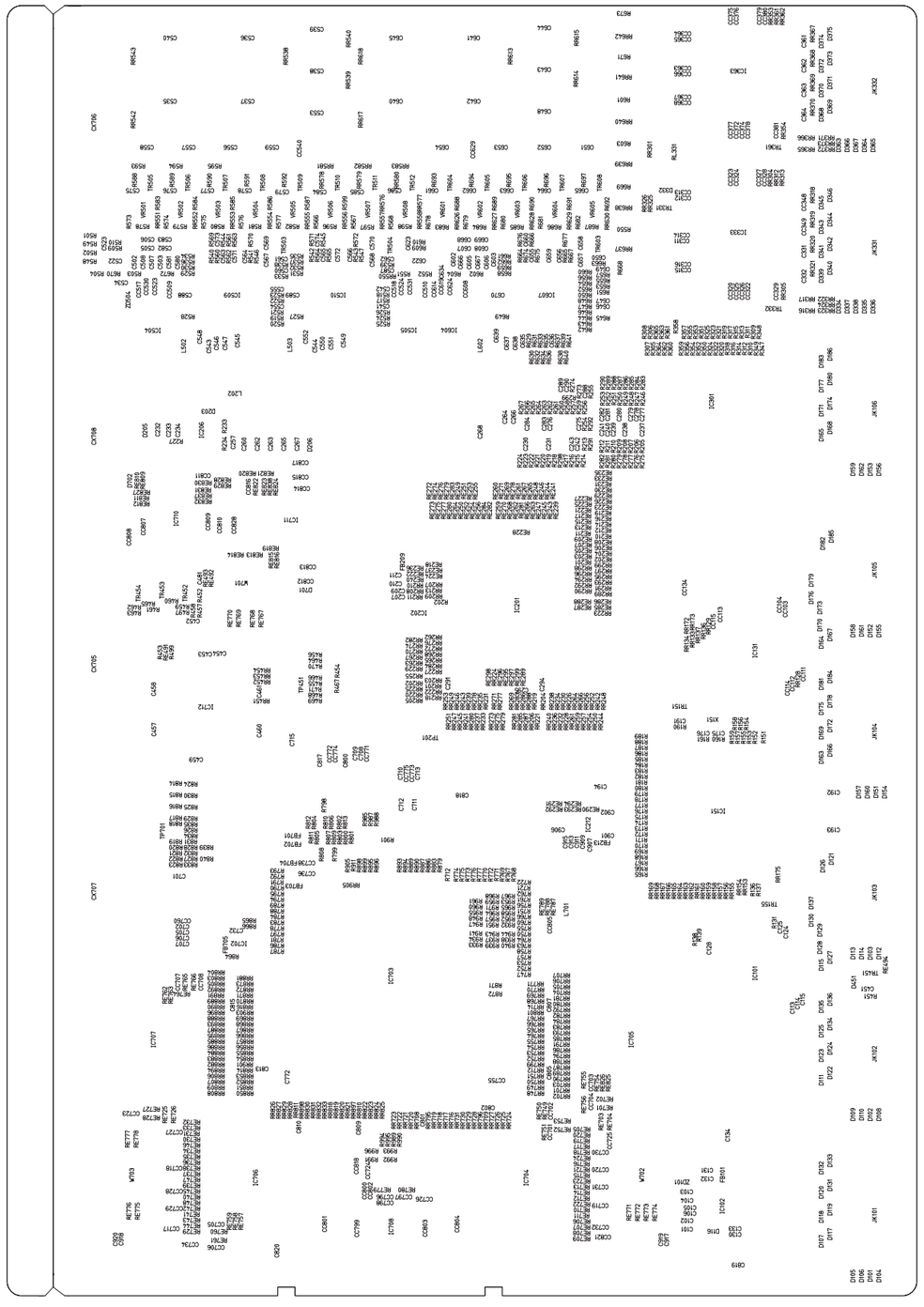
1U-3828 RECTIFIERE UNIT (2/2)



FOIL SIDE

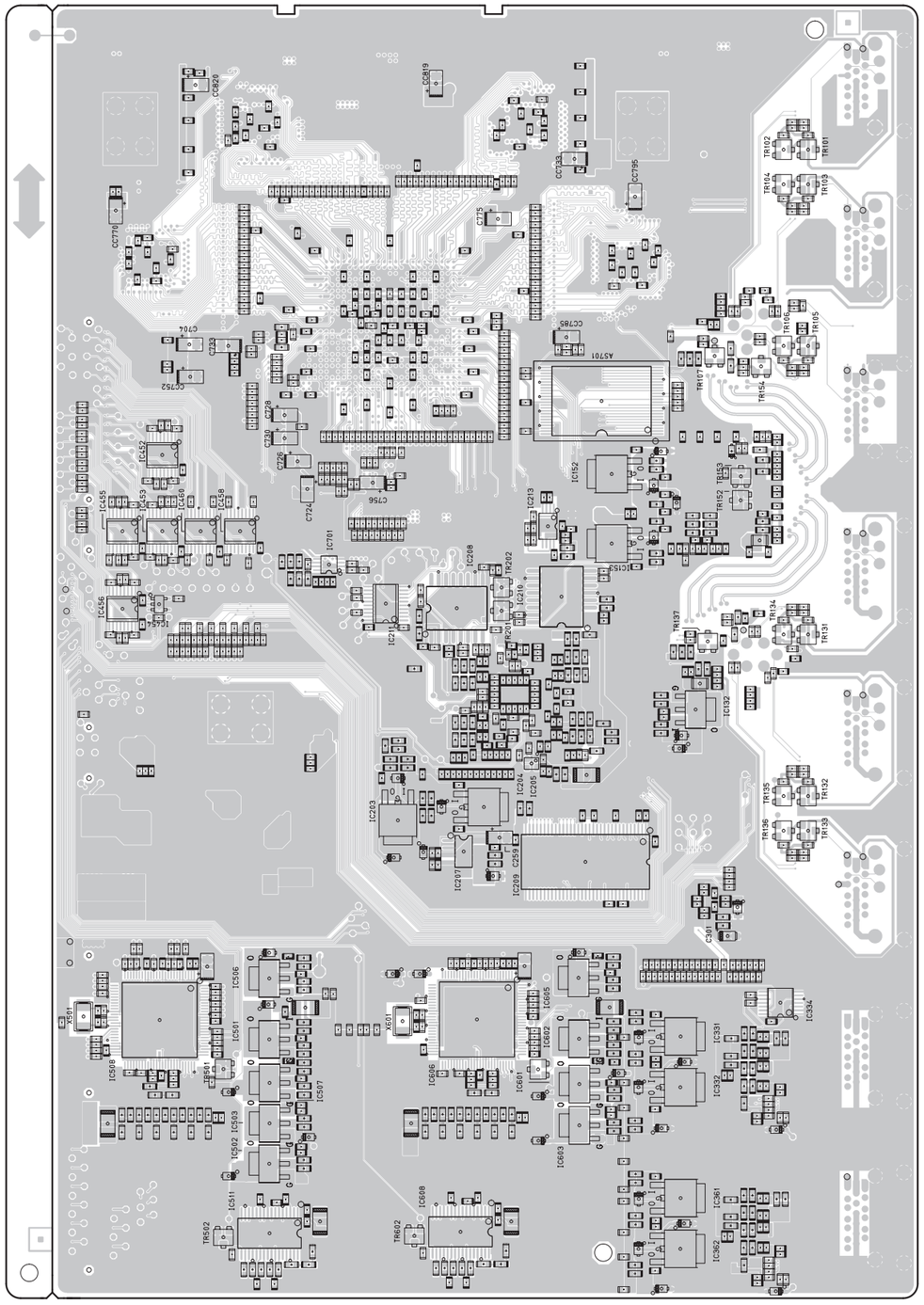
1U-3833 DIGITAL VIDEO UNIT (1/2) ⚠3

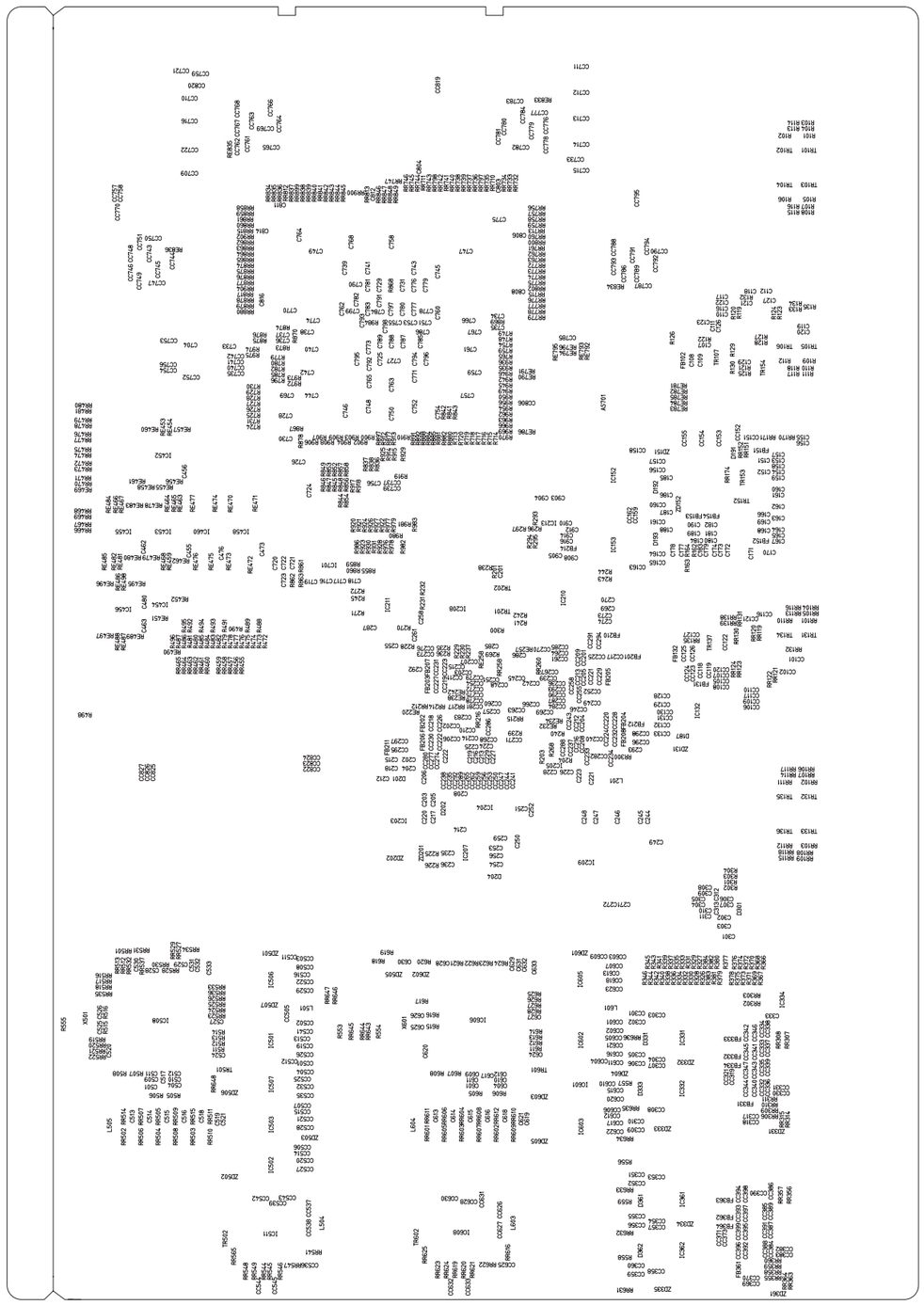




COMPONENT SIDE

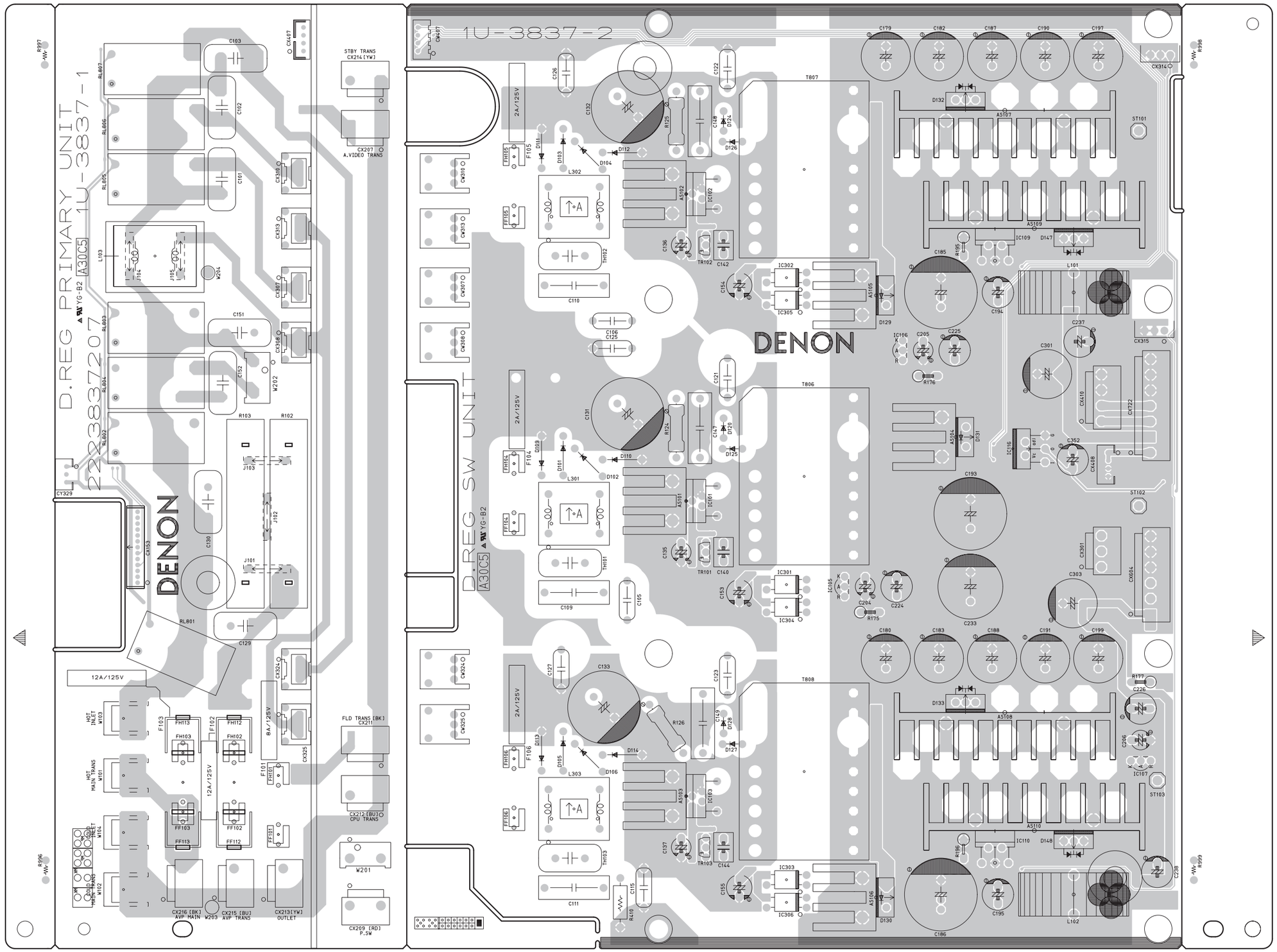
1U-3833 DIGITAL VIDEO UNIT (2/2) ⚠3





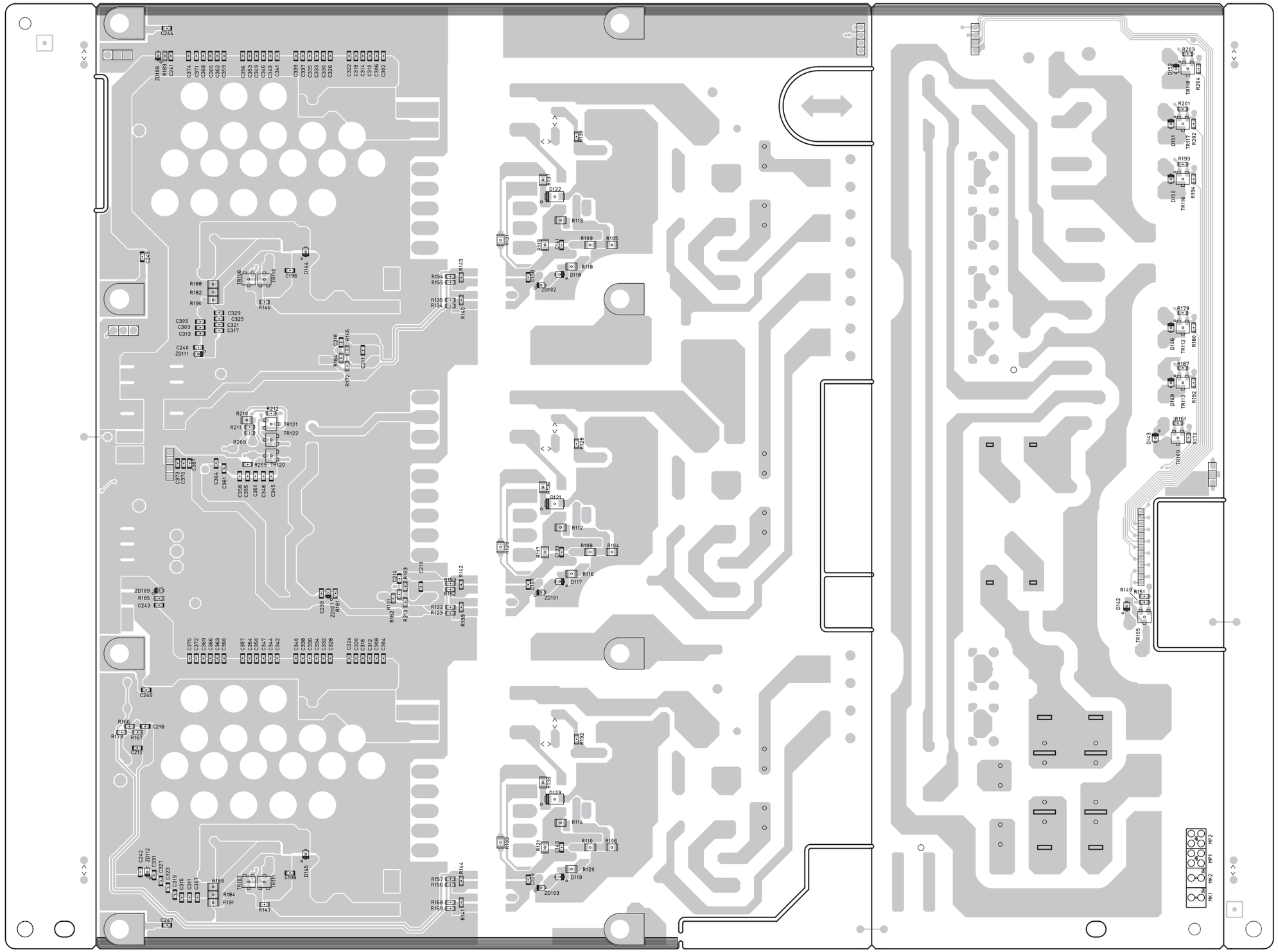
FOIL SIDE

1U-3837 DIGITAL REG UNIT (1/2) ⚠3



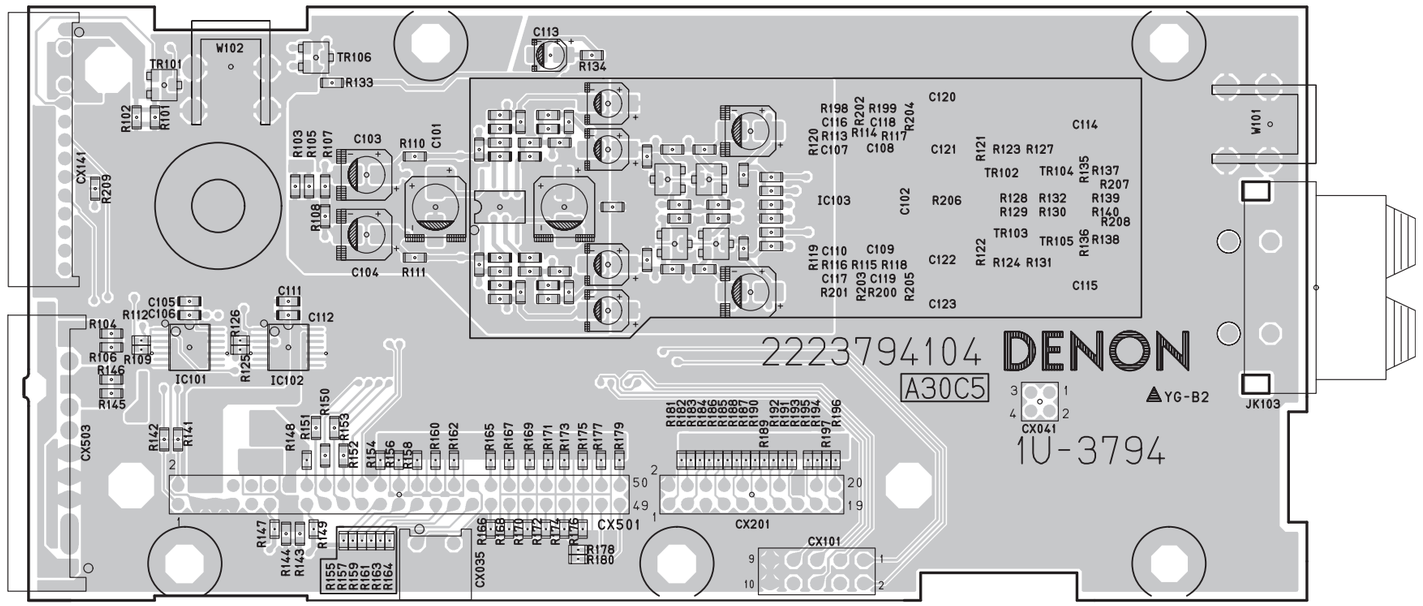
COMPONENT SIDE

1U-3837 DIGITAL REG UNIT (2/2) ⚠3



FOIL SIDE

1U-3794A HD RADIO JOINT UNIT



COMPONENT SIDE

NOTE FOR PARTS LIST

- Parts for which "nsp" is indicated on this table cannot be supplied.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark " ★ " is not illustrated in the exploded view.
- Not including General-purpose Carbon Film Resistor in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- Not including General-purpose Carbon Chip Resistor in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

● Resistors

Ex.: RN Type / 14K Shape and performance / 2E Power / 182 Resistance / G Allowable error / FR Others

RD : Carbon RC : Composition RS : Metal oxide film RW : Winding RN : Metal film RK : Metal mixture	2B : 1/8W 2E : 1/4W 2H : 1/2W 3A : 1W 3D : 2W 3F : 3W 3H : 5W	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%	P : Pulse-resistant type NL : Low noise type NB : Non-burning type FR : Fuse-resistor F : Lead wire forming

✻ Resistance

1 8 2 ⇒ 1800 ohm = 1.8 kohm
Indicates number of zeros after effective number.
2-digit effective number.
• Units: ohm

1 R 2 ⇒ 1.2 ohm
1-digit effective number.
2-digit effective number, decimal point indicated by R.
• Units: ohm

● Capacitors

Ex.: CE Type / 04W Shape and performance / 1H Dielectric strength / 2R2 Capacity / M Allowable error / BP Others

CE : Aluminum foil electrolytic CA : Aluminum solid electrolytic CS : Tantalum electrolytic CQ : Film CK : Ceramic CC : Ceramic CP : Oil CM : Mica CF : Metallized CH : Metallized	0J : 6.3V 1A : 10V 1C : 16V 1E : 25V 1V : 35V 1H : 50V 2A : 100V 2B : 125V 2C : 160V 2D : 200V 2E : 250V 2H : 500V 2J : 630V	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20% Z : +80% −20% P : +100% −0% C : ±0.25pF D : ±0.5pF = : Others	HS : High stability type BP : Non-polar type HR : Ripple-resistant type DL : For change and discharge HF : For assuring high regency U : UL part C : CSA part W : UL-CSA type F : Lead wire forming

✻ Capacity (electrolyte only)

2 2 2 ⇒ 2200μF
Indicates number of zeros after effective number.
2-digit effective number.
• Units: μF.

2 R 2 ⇒ 2.2μF
1-digit effective number.
2-digit effective number, decimal point indicated by R.
• Units: μF.

✻ Capacity (except electrolyte)

2 2 2 ⇒ 2200pF=0.0022μF
(More than 2) Indicates number of zeros after effective number.
2-digit effective number.
• Units: pF.

2 2 1 ⇒ 220pF
(0 or 1) Indicates number of zeros after effective number.
2-digit effective number.
• Units: pF.

• When the dielectric strength is indicated in AC, "AC" is included after the dieelectric strength value.

部品表について

1．部品表に "nsp" と記載されている部品は供給できません。
2．部品を発注する際は特に数字の " 1 " と英字の " I " との区別をはっきり記入してください。
3．部品番号を表示していない部品は供給できません。
4．⚠ 印の部品は安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
5．★印のついている部品は分解図中には記載していません。
6．汎用カーボン抵抗器は記載していません。定数は回路図を参照願います。
7．汎用カーボンチップ抵抗器は記載していません。定数は回路図を参照願います。
8．部品表の抵抗器、コンデンサの品名記号の読み方は表を参照してください。

●抵抗器

例) RN 種類 / 14K 形状特性 / 2E 電力 / 182 抵抗値 / G 許容差 / FR その他

RD ： カーボン RC ： 固定体 RS ： 金属系皮膜 RW ： 巻線 RN ： 金属皮膜 RK ： 金属混合体	2B ： 1/8 W 2E ： 1/4 W 2H ： 1/2 W 3A ： 1 W 3D ： 2 W 3F ： 3 W 3H ： 5 W	F ： ±1% G ： ±2% J ： ±5% K ： ±10% M ： ±20%	P ： 耐パルス形 NL ： 低雑音形 NB ： 不燃形 FR ： ヒューズ抵抗 F ： リード線成形

＊抵抗値

18 2 ⇨ 1800Ω=1.8kΩ
有効数字につづく 0 の数を表わす。
2 桁の有効数字を表わす。

1R 2 ⇨ 1.2Ω
1 桁の有効数字を表わす。
2 桁の有効数字で小数点は R で表わす。

：単位はΩ

●コンデンサ

例) CE 種類 / 04W 形状特性 / 1H 耐圧 / 2R2 容量 / M 許容差 / BP その他

CE ： アルミ箔電解 CA ： アルミ固体電解 CS ： タンタル電解 CQ ： フィルム CK ： セラミック CC ： セラミック CP ： オイル CM ： マイカ CF ： メタライズド CH ： メタライズド	0J ： 6.3 V 1A ： 10 V 1C ： 16 V 1E ： 25 V 1V ： 35 V 1H ： 50 V 2A ： 100 V 2B ： 125 V 2C ： 160 V 2D ： 200 V 2E ： 250 V 2H ： 500 V 2J ： 630 V	F ： ±1% G ： ±2% J ： ±5% K ： ±10% M ： ±20% Z ： +80% −20% P ： +100% − 0% C ： ±0.25pF D ： ±0.5pF = ： その他	HS ： 高安定形 BP ： 無極性形 HR ： 耐リップル形 DL ： 充放電対策用 HF ： 高周波保証用 U ： UL 部品 C ： CSA 部品 W ： UL-CSA 部品 F ： リード線成形

＊容量値

● 電解コンデンサの場合

22 2 ⇨ 2200μF
有効数字につづく 0 の数を表わす。
2 桁の有効数字を表わす。
：単位はμF

2R 2 ⇨ 2.2μF
1 桁の有効数字を表わす。
2 桁の有効数字で小数点は R で表わす。
：単位はμF

● 電解コンデンサ以外の場合

22 2 ⇨ 2200pF=0.0022μF
有効数字につづく 0 の数を表わす。
(0 の数が 2 以上の場合)
2 桁の有効数字を表わす。
：単位はpF

22 1 ⇨ 220pF
有効数字につづく 0 の数を表わす。
(0 の数が 0 または 1 の場合)
2 桁の有効数字を表わす。
：単位はpF

● 耐圧を交流で表示する場合は、耐圧表示の次に「AC」を表示します。

PARTS LIST OF P.W.B. UNIT

＊本表に "nsp" と記載されている部品は供給できません。
＊ Parts for which "nsp" is indicated on this table cannot be supplied.
＊本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。
＊ The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.
Note: The symbols in the column "Remarks" indicate the following destinations.
EU : U.S.A. model(AVR-5308CI) E2 : Europe model(AVC-A1HD) JP : Japan model(AVC-A1HD)

1U-3818 DIGITAL AUDIO P.W.B. UNIT ASS'Y (EU model)
1U-3818A DIGITAL AUDIO P.W.B. UNIT ASS'Y(E2,JP model)

(This P.W.B. UNIT is replaced by ASS'Y level.)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101-104	nsp	TORX142L(F)			
	IC105-108	nsp	TOTX142L(F)			
	IC109	nsp	SN65LVDS1DBVR			
	IC110,111	nsp	TC74VHCU04FT +REF			
	IC112,113	nsp	TC74VHC14FT			
	IC114,115	nsp	SN65LVDS32PW +REF			
	IC119	nsp	SN65LVDS32PW +REF			
	IC201-206	nsp	LC89057W-VF4A			
	IC301	nsp	ADSP21366KBCZ1AA1133			
	IC302	nsp	DSP1 ROM ASSY (S29AL016D90TFI020#)	00DGEN8534		
	IC303	nsp	CY7C1049DV33-10ZSXI			
	IC304,305	nsp	TC74VHC573FT			
	IC306	nsp	SN74LVC139APWR +REF			
	IC307	nsp	EN5312QI-T			
	IC401	nsp	ADSP21367KBPZ2A1133			
	IC402	nsp	W9864G2GH-7			
	IC403	nsp	DSP2 ROM ASSY (S29AL016D90TFI020#)	00DGEN8535		
	IC405	nsp	EN5330DC-T			
	IC501	nsp	ADSP21367KBPZ2A1133			
	IC502	nsp	W9864G2GH-7			
	IC503	nsp	DSP3 ROM ASSY(S29AL016D90TFI020#)	00DGEN8536		
	IC601	nsp	EP2C35F484C8N			
	IC602	nsp	FCXO-05B(22.5792MHz)			
	IC603,604	nsp	TC74VHC244FT			
	IC605	nsp	EPCS16SI16N			
	IC606	nsp	ICS570BLFT			
	IC607	nsp	ICS251PMLFT			
	IC608	nsp	EN5330DC-T			
	IC609	nsp	FCXO-05B(24.576MHz)			
	IC611	nsp	DIR9001PWR			
	IC701	nsp	PCM1803DBR			
	IC702	nsp	PCM1804 +REF			
	IC706	nsp	UPC2933BT1D-E1-AT			
	IC707-710	nsp	NJM2115M-TE1 +C			
	IC801	nsp	TC74VHC244FT			
	IC802	nsp	PCM1796DBR			
	IC804	nsp	PCM1796DBR			
	IC806	nsp	PCM1796DBR			
	IC810,811	nsp	IC, TC4094BF(TP1) +C			
	IC812	nsp	KIA7812AF-RTF/P			
	IC813	nsp	KIA7912F-RTF/P			
	IC814-825	nsp	SA5532ADR	for EU		
	IC814-825	nsp	OP275GSZ-REEL7	for E2,JP		
	IC901	nsp	TC74VHC244FT			
	IC902	nsp	PCM1796DBR			
	IC904	nsp	PCM1796DBR			
	IC906	nsp	PCM1796DBR			
	IC908	nsp	KIA7812AF-RTF/P			
	IC909	nsp	KIA7912F-RTF/P			

ファームウエアをアップデートするときは、SDI で最終バージョンを確認して下さい。
サービス基板はアップデートして使用下さい。
When update Firmware, please confirm a last version in SDI.
Use the service board after updating it.

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	IC910	nsp	KIA7812AF-RTF/P			
	IC911	nsp	KIA7912F-RTF/P			
	IC912,913	nsp	SA5532ADR	for EU		
	IC912,913	nsp	OP275GSZ-REEL7	for E2,JP		
	IC914-917	nsp	SA5532ADR			
	IC918	nsp	SA5532ADR	for EU		
	IC918	nsp	OP275GSZ-REEL7	for E2,JP		
	IC919,920	nsp	SA5532ADR			
	IC921	nsp	SA5532ADR	for EU		
	IC921	nsp	OP275GSZ-REEL7	for E2,JP		
	IC922,923	nsp	SA5532ADR			
	IC951,952	nsp	AK4385ET			
	IC953,954	nsp	BA15218F-DXE2 +C			
	TR201	nsp	KRA102S-RTK/P (10K-10K)			
	TR202	nsp	KRC102S-RTK/P (10K-10K)			
	TR203	nsp	KRA102S-RTK/P (10K-10K)			
	TR204	nsp	KRC102S-RTK/P (10K-10K)			
	TR205	nsp	KRA102S-RTK/P (10K-10K)			
	TR206	nsp	KRC102S-RTK/P (10K-10K)			
	TR301	nsp	KRA102S-RTK/P (10K-10K)			
	TR302	nsp	KRC102S-RTK/P (10K-10K)			
	TR303	nsp	KRA102S-RTK/P (10K-10K)			
	TR401	nsp	KRA102S-RTK/P (10K-10K)			
	TR402	nsp	KRC102S-RTK/P (10K-10K)			
	TR501	nsp	KRA102S-RTK/P (10K-10K)			
	TR502	nsp	KRC102S-RTK/P (10K-10K)			
	TR701,702	nsp	KRC104S-RTK/P (47K-47K)			
	TR709	nsp	KRC102S-RTK/P (10K-10K)			
	TR710	nsp	KRA102S-RTK/P (10K-10K)			
	TR801	nsp	KRA102S-RTK/P (10K-10K)			
	TR802	nsp	KRC102S-RTK/P (10K-10K)			
	TR803	nsp	KRC104S-RTK/P (47K-47K)			
	TR804	nsp	KRA102S-RTK/P (10K-10K)			
	TR805	nsp	KRC102S-RTK/P (10K-10K)			
	TR806	nsp	KRA104S-RTK/P (47K-47K)			
	TR807	nsp	KRA102S-RTK/P (10K-10K)			
	TR808,809	nsp	KRC102S-RTK/P (10K-10K)			
	TR811	nsp	KRA102S-RTK/P (10K-10K)			
	TR813,814	nsp	KTC2875-B-RTK/P			
	TR828	nsp	KRC102S-RTK/P (10K-10K)			
	TR830	nsp	KRA102S-RTK/P (10K-10K)			
	TR832	nsp	KTC2875-B-RTK/P			
	TR845	nsp	KRC102S-RTK/P (10K-10K)			
	TR847	nsp	KRA102S-RTK/P (10K-10K)			
	TR849,850	nsp	KTC2875-B-RTK/P			
	TR901	nsp	KRA102S-RTK/P (10K-10K)			
	TR902	nsp	KRC102S-RTK/P (10K-10K)			
	TR905	nsp	KRA102S-RTK/P (10K-10K)			
	TR906	nsp	KRC102S-RTK/P (10K-10K)			
	TR907	nsp	KRA102S-RTK/P (10K-10K)			
	TR908	nsp	KRC102S-RTK/P (10K-10K)			
	TR929	nsp	KRC102S-RTK/P (10K-10K)			
	TR931	nsp	KRA102S-RTK/P (10K-10K)			
	TR933,934	nsp	KTC2875-B-RTK/P			
	TR947	nsp	KRC102S-RTK/P (10K-10K)			
	TR949	nsp	KRA102S-RTK/P (10K-10K)			
	TR951,952	nsp	KTC2875-B-RTK/P			
	TR971,972	nsp	KRC104S-RTK/P (47K-47K)			
	TR973,974	nsp	KRA104S-RTK/P (47K-47K)			
	TR975,976	nsp	KRC102S-RTK/P (10K-10K)			
	TR978	nsp	KRA102S-RTK/P (10K-10K)			
	TR979,980	nsp	KRC102S-RTK/P (10K-10K)			
	TR982	nsp	KRA102S-RTK/P (10K-10K)			
	D101-106	nsp	KDS226-RTK/P (A-K)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	D110-114	nsp	RB521S-30TE61 +REF			
	D301	nsp	RB521S-30TE61 +REF			
	D401	nsp	RB521S-30TE61 +REF			
	D501	nsp	RB521S-30TE61 +REF			
	D801,802	nsp	RB521S-30TE61 +REF			
	ZD101-107	nsp	NSAD500F-T1B			
	ZD701	nsp	UDZS3.6B-TE17			
RESISTORS GROUP						
	R214	nsp	RM73B--221FT			
	R228	nsp	RM73B--221FT			
	R242	nsp	RM73B--221FT			
	R257	nsp	RM73B--221FT			
	R274	nsp	RM73B--221FT			
	R291	nsp	RM73B--221FT			
	R841-852	nsp	RM73B--203DT			
	R871-894	nsp	RM73B--302DT			
	R912-915	nsp	RM73B--203DT			
	R922-929	nsp	RM73B--302DT			
	R947-950	nsp	RM73B--203DT			
	R957-964	nsp	RM73B--302DT			
	R976-979	nsp	RM73B--203DT			
	R986-993	nsp	RM73B--302DT			
	RE809-814	nsp	RM73B--332DT			
	RE815,816	nsp	RM73B--101DT			
	RE818-820	nsp	RM73B--101DT			
	RE907,908	nsp	RM73B--101DT			
	RE928,929	nsp	RM73B--332DT			
	RE930,931	nsp	RM73B--101DT			
	RE951,952	nsp	RM73B--332DT			
	RE953,954	nsp	RM73B--101DT			
	RR801	nsp	RM73B--103DT			
	RR802,803	nsp	RM73B--133DT			
	RR804,805	nsp	RM73B--103DT			
	RR806,807	nsp	RM73B--133DT			
	RR808,809	nsp	RM73B--103DT			
	RR810,811	nsp	RM73B--133DT			
	RR812,813	nsp	RM73B--103DT			
	RR814,815	nsp	RM73B--133DT			
	RR816,817	nsp	RM73B--103DT			
	RR818,819	nsp	RM73B--133DT			
	RR820,821	nsp	RM73B--103DT			
	RR822,823	nsp	RM73B--133DT			
	RR824	nsp	RM73B--103DT			
	RR825-848	nsp	RM73B--562DT			
	RR849-854	nsp	RM73B--101DT			
	RR901	nsp	RM73B--103DT			
	RR902,903	nsp	RM73B--133DT			
	RR904,905	nsp	RM73B--103DT			
	RR906,907	nsp	RM73B--133DT			
	RR908	nsp	RM73B--103DT			
	RR909-916	nsp	RM73B--562DT			
	RR917,918	nsp	RM73B--101DT			
	RR933	nsp	RM73B--103DT			
	RR934,935	nsp	RM73B--133DT			
	RR936,937	nsp	RM73B--103DT			
	RR938,939	nsp	RM73B--133DT			
	RR940	nsp	RM73B--103DT			
	RR941-948	nsp	RM73B--562DT			
	RR949,950	nsp	RM73B--101DT			
	RR965	nsp	RM73B--103DT			
	RR966,967	nsp	RM73B--133DT			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	RR968,969	nsp	RM73B--103DT			
	RR970,971	nsp	RM73B--133DT			
	RR972	nsp	RM73B--103DT			
	RR973-980	nsp	RM73B--562DT			
	RR981,982	nsp	RM73B--101DT			
CAPACITORS GROUP						
	C102-105	nsp	CK73B1A104KT +1005			
	C106	nsp	CS77B1A100MT(NOJ)			
	C107-111	nsp	CK73B1A104KT +1005			
	C112	nsp	CK73B0J475KT(P) +1608			
	C113	nsp	CK73B1E104KT +1608			
	C115	nsp	CK73B1E104KT +1608			
	C117	nsp	CK73B1E104KT +1608			
	C119,120	nsp	CK73B0J475KT(P) +1608			
	C121	nsp	CK73B1E104KT +1608			
	C123	nsp	CK73B1E104KT +1608			
	C125-127	nsp	CK73B0J475KT(P) +1608			
	C128	nsp	CK73B1E104KT +1608			
	C129-133	nsp	CK73B0J475KT(P) +1608			
	C135	nsp	CK73B0J475KT(P) +1608			
	C137	nsp	CK73B1A104KT +1005			
	C145-153	nsp	CK73B1A104KT +1005			
	C201	nsp	CE67C0J101MT(PXA)			
	C202	nsp	CK73B1H102KT +1005			
	C203	nsp	CK73B1A104KT +1005			
	C204	nsp	CF73=1C223JT(ECHUX)			
	C205	nsp	CK73B1H102KT +1005			
	C206	nsp	CF73=1C104JT(ECHUX)			
	C208	nsp	CS77B1A100MT(NOJ)			
	C209	nsp	CK73B1H102KT +1005			
	C210	nsp	CK73B1A104KT +1005			
	C211	nsp	CK73B1E223KT +1608			
	C212	nsp	CK73B1E104KT +1608			
	C213	nsp	CK73B1A104KT +1005			
	C214	nsp	CK73B1H102KT +1005			
	C215	nsp	CK73B1A104KT +1005			
	C216	nsp	CK73B1E223KT +1608			
	C217	nsp	CK73B1E104KT +1608			
	C218	nsp	CK73B1A104KT +1005			
	C219	nsp	CK73B1H102KT +1005			
	C220	nsp	CK73B1A104KT +1005			
	C221	nsp	CK73B1E223KT +1608			
	C222	nsp	CK73B1E104KT +1608			
	C223	nsp	CK73B1A104KT +1005			
	C224	nsp	CK73B1H102KT +1005			
	C225	nsp	CK73B1A104KT +1005			
	C226	nsp	CK73B1E223KT +1608			
	C227	nsp	CK73B1E104KT +1608			
	C228	nsp	CK73B1A104KT +1005			
	C229	nsp	CK73B1H102KT +1005			
	C230	nsp	CK73B1A104KT +1005			
	C231	nsp	CK73B1E223KT +1608			
	C232	nsp	CK73B1E104KT +1608			
	C302,303	nsp	CC73CH1H8R0DT +1608			
	C304	nsp	CK73B1A104KT +1005			
	C305	nsp	CS77B1A100MT(NOJ)			
	C306	nsp	CC73CH1H101JT +1005			
	C307	nsp	CK73B1E103KT(1005)			
	C308-315	nsp	CC73CH1H101JT +1005			
	C316-323	nsp	CK73B1H102KT +1005			
	C324-331	nsp	CK73B1A104KT +1005			
	C332	nsp	CS77B1A100MT(NOJ)			
	C333	nsp	CC73CH1H101JT +1005			
	C334	nsp	CK73B1E103KT(1005)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C335	nsp	CK73B1H102KT +1005			
	C336	nsp	CC73CH1H221JT +1608			
	C337	nsp	CC73CH1H101JT +1005			
	C338,339	nsp	CK73B1E103KT(1005)			
	C340	nsp	CC73CH1H101JT +1005			
	C341	nsp	CK73B1E103KT(1005)			
	C342	nsp	CC73CH1H101JT +1005			
	C343	nsp	CK73B1E103KT(1005)			
	C344	nsp	CC73CH1H101JT +1005			
	C345	nsp	CE67C0J471MT(PXA)			
	C346	nsp	CK73B0J475KT(P) +1608			
	C347	nsp	CK73B1A104KT +1005			
	C348,349	nsp	CK73B0J475KT(P) +1608			
	C350	nsp	CK73B1A104KT +1005			
	C401-408	nsp	CC73CH1H101JT +1005			
	C409-416	nsp	CK73B1H102KT +1005			
	C417-424	nsp	CK73B1A104KT +1005			
	C425	nsp	CS77B1A100MT(NOJ)			
	C426	nsp	CK73B1E103KT(1005)			
	C427	nsp	CC73CH1H101JT +1005			
	C428	nsp	CS77B1A100MT(NOJ)			
	C429,430	nsp	CC73CH1H5R0CT +1608			
	C434	nsp	CK73B1A104KT +1005			
	C435	nsp	CC73CH1H101JT +1005			
	C436	nsp	CK73B1E103KT(1005)			
	C437	nsp	CC73CH1H101JT +1005			
	C438	nsp	CK73B1E103KT(1005)			
	C439	nsp	CK73B1H102KT +1005			
	C440	nsp	CE67C0J471MT(PXA)			
	C441	nsp	CK73B1E104KT +1608			
	C442	nsp	CK73D0J226MT(3216)			
	C443	nsp	CK73B1E104KT +1608			
	C444	nsp	CK73D0J226MT(3216)			
	C445	nsp	CK73B1H153KT +1608			
	C446	nsp	CK73D0J226MT(3216)			
	C447	nsp	CC73CH1H221JT +1608			
	C501-508	nsp	CC73CH1H101JT +1005			
	C509-516	nsp	CK73B1H102KT +1005			
	C517-524	nsp	CK73B1A104KT +1005			
	C525	nsp	CS77B1A100MT(NOJ)			
	C526	nsp	CK73B1E103KT(1005)			
	C527	nsp	CC73CH1H101JT +1005			
	C528	nsp	CS77B1A100MT(NOJ)			
	C529,530	nsp	CC73CH1H5R0CT +1608			
	C534	nsp	CK73B1A104KT +1005			
	C535	nsp	CC73CH1H101JT +1005			
	C536	nsp	CK73B1E103KT(1005)			
	C537	nsp	CC73CH1H101JT +1005			
	C538	nsp	CK73B1E103KT(1005)			
	C539	nsp	CK73B1H102KT +1005			
	C601	nsp	CS77B1A100MT(NOJ)			
	C602-609	nsp	CK73B1H102KT +1005			
	C610	nsp	CS77B1A100MT(NOJ)			
	C611-618	nsp	CK73B1H102KT +1005			
	C619-634	nsp	CK73B0J475KT(P) +1608			
	C635	nsp	CS77B1A100MT(NOJ)			
	C636	nsp	CC73CH1H101JT +1005			
	C637,638	nsp	CK73B1H102KT +1005			
	C639	nsp	CC73CH1H101JT +1005			
	C640	nsp	CK73D0J226MT(3216)			
	C641	nsp	CS77B1A100MT(NOJ)			
	C642,643	nsp	CK73B1A104KT +1005			
	C644	nsp	CK73B1H103KT (1608) +1608			
	C647	nsp	CK73B1H102KT +1608			
	C649	nsp	CK73B1E103KT(1005)			
	C653	nsp	CK73B1E104KT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C654	nsp	CK73D0J226MT(3216)			
	C655	nsp	CK73B1E104KT +1608			
	C656	nsp	CK73D0J226MT(3216)			
	C657	nsp	CK73B1H153KT +1608			
	C658	nsp	CK73B1H102KT +1005			
	C659	nsp	CC73CH1H101JT +1005			
	C660	nsp	CS77B1A100MT(NOJ)			
	C667,668	nsp	CK73B1H103KT (1608) +1608			
	C669	nsp	CK73B1H102KT +1608			
	C670	nsp	CS77B1A100MT(NOJ)			
	C671	nsp	CF73=1H472JT(ECHUX)			
	C672	nsp	CF73=1C683JT(ECHUX)			
	C673	nsp	CC73CH1H221JT +1608			
	C701-704	nsp	CS77B1A100MT(NOJ)			
	C705	nsp	CK73B1E104KT +1608			
	C706,707	nsp	CK73B1H103KT +2125			
	C708,709	nsp	CC73CH1H101JT +1608			
	C710,711	nsp	CE67C1C100MT +REF			
	C712	nsp	CS77B1A100MT(NOJ)			
	C714-719	nsp	CS77B1A100MT(NOJ)			
	C720	nsp	CK73B1E104KT +1608			
	C721,722	nsp	CC73CH1H103JT +2125			
	C723-726	nsp	CC73CH1H561JT +1608			
	C727,728	nsp	CE67C1A220MT (RV2)			
	C782	nsp	CK73B1A104KT +1005			
	C784,785	nsp	CF73=1H472JT(ECHUX)			
	C790-797	nsp	CC73CH1H101JT +1608			
	C801	nsp	CF73=1C103JT(ECHUX)			
	C802	nsp	CK73B1H103KT (1608) +1608			
	C803	nsp	CS77B1A100MT(NOJ)			
	C804	nsp	CE67W1E101MT(P.CAP) +REF			
	C806,807	nsp	CS77B1A100MT(NOJ)			
	C808	nsp	CK73B1H103KT (1608) +1608			
	C810	nsp	CC73CH1H102JT +1608			
	C814	nsp	CF73=1C103JT(ECHUX)			
	C815	nsp	CK73B1H103KT (1608) +1608			
	C816	nsp	CS77B1A100MT(NOJ)			
	C817	nsp	CC73CH1H102JT +1608			
	C819,820	nsp	CS77B1A100MT(NOJ)			
	C821,822	nsp	CK73B1H103KT (1608) +1608			
	C824	nsp	CC73CH1H102JT +1608			
	C828	nsp	CF73=1C103JT(ECHUX)			
	C829	nsp	CK73B1H103KT (1608) +1608			
	C830	nsp	CS77B1A100MT(NOJ)			
	C831	nsp	CC73CH1H102JT +1608			
	C833,834	nsp	CS77B1A100MT(NOJ)			
	C835	nsp	CK73B1E104KT +1608			
	C836	nsp	CE67W1E101MT(P.CAP) +REF			
	C837	nsp	CK73B1H103KT (1608) +1608			
	C839	nsp	CC73CH1H102JT +1608			
	C843	nsp	CC73CH1H101JT +1608			
	C844	nsp	CC73CH1H102JT +1608			
	C845,846	nsp	CK73B1E104KT +1608			
	C847-850	nsp	CE67W1E100MT(P.CAP) +REF			
	C851,852	nsp	CF73=1C104JT(ECHUX)			
	C853-856	nsp	CQ93M1H102JT(B)	for EU		
	C853-856	nsp	CQ93P2A102JT(NH2)	for E2,JP		
	C857-860	nsp	CF73=1H181JT(ECHUX)			
	C861	nsp	CC73CH1H102JT +1608			
	C862,863	nsp	CK73B1H102KT +1005			
	C864	nsp	CC73CH1H101JT +1608			
	C865	nsp	CC73CH1H102JT +1608			
	C866	nsp	CC73CH1H101JT +1608			
	C867,868	nsp	CF73=1C104JT(ECHUX)			
	C869-872	nsp	CQ93M1H102JT(B)	for EU		
	C869-872	nsp	CQ93P2A102JT(NH2)	for E2,JP		

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C873-876	nsp	CF73=1H181JT(ECHUX)			
	C877	nsp	CC73CH1H102JT +1608			
	C878	nsp	CC73CH1H101JT +1608			
	C879	nsp	CC73CH1H102JT +1608			
	C880	nsp	CC73CH1H101JT +1608			
	C881	nsp	CC73CH1H102JT +1608			
	C882	nsp	CC73CH1H101JT +1608			
	C883,884	nsp	CF73=1C104JT(ECHUX)			
	C885-888	nsp	CQ93M1H102JT(B)	for EU		
	C885-888	nsp	CQ93P2A102JT(NH2)	for E2,JP		
	C889-892	nsp	CF73=1H181JT(ECHUX)			
	C893	nsp	CC73CH1H102JT +1608			
	C901-903	nsp	CF73=1C103JT(ECHUX)			
	C904-906	nsp	CK73B1H103KT (1608) +1608			
	C907	nsp	CS77B1A100MT(NOJ)			
	C908	nsp	CC73CH1H102JT +1608			
	C910,911	nsp	CS77B1A100MT(NOJ)			
	C915,916	nsp	CF73=1C104JT(ECHUX)			
	C917-920	nsp	CQ93M1H102JT(B)	for EU		
	C917-920	nsp	CQ93P2A102JT(NH2)	for E2,JP		
	C921,922	nsp	CK73B1H103KT (1608) +1608			
	C923	nsp	CS77B1A100MT(NOJ)			
	C925	nsp	CS77B1A100MT(NOJ)			
	C929,930	nsp	CF73=1C104JT(ECHUX)			
	C931-934	nsp	CQ93M1H102JT(B)	for EU		
	C931-934	nsp	CQ93P2A102JT(NH2)	for E2,JP		
	C935	nsp	CK73B1E104KT +1608			
	C936	nsp	CE67W1E101MT(P.CAP) +REF			
	C937,938	nsp	CK73B1H103KT (1608) +1608			
	C939	nsp	CS77B1A100MT(NOJ)			
	C941	nsp	CS77B1A100MT(NOJ)			
	C945,946	nsp	CF73=1C104JT(ECHUX)			
	C947-950	nsp	CQ93M1H102JT(B)	for EU		
	C947-950	nsp	CQ93P2A102JT(NH2)	for E2,JP		
	C951-954	nsp	CF73=1H181JT(ECHUX)			
	C955-958	nsp	CC73CH1H102JT +1608			
	C960	nsp	CS77B1A100MT(NOJ)			
	C961-964	nsp	CF73=1H181JT(ECHUX)			
	C966	nsp	CS77B1A100MT(NOJ)			
	C968	nsp	CC73CH1H102JT +1608			
	C969	nsp	CC73CH1H101JT +1608			
	C970	nsp	CC73CH1H102JT +1608			
	C971-974	nsp	CF73=1H181JT(ECHUX)			
	C975	nsp	CC73CH1H101JT +1608			
	C976	nsp	CC73CH1H102JT +1608			
	C977	nsp	CC73CH1H101JT +1608			
	C978	nsp	CC73CH1H102JT +1608			
	C979	nsp	CC73CH1H101JT +1608			
	C980	nsp	CC73CH1H102JT +1608			
	C981,982	nsp	CE67W1E100MT(P.CAP) +REF			
	C983,984	nsp	CE67W1E101MT(P.CAP) +REF			
	C985,986	nsp	CE67W1E100MT(P.CAP) +REF			
	C987	nsp	CC73CH1H101JT +1608			
	C988	nsp	CC73CH1H102JT +1608			
	C989	nsp	CC73CH1H101JT +1608			
	C990	nsp	CC73CH1H102JT +1608			
	CC701	nsp	CK73B1H102KT +1608			
	CC702,703	nsp	CK73B1E104KT +1608			
	CC704	nsp	CK73B1H102KT +1608			
	CC710	nsp	CC73CH1H102JT +1608			
	CC711	nsp	CC73CH1H101JT +1608			
	CC712	nsp	CK73B1H103KT (1608) +1608			
	CC713	nsp	CC73CH1H102JT +1608			
	CC714	nsp	CC73CH1H101JT +1608			
	CC715	nsp	CK73B1H103KT (1608) +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CC716	nsp	CC73CH1H102JT +1608			
	CC717	nsp	CC73CH1H101JT +1608			
	CC718	nsp	CC73CH1H102JT +1608			
	CC719	nsp	CC73CH1H101JT +1608			
	CC720-727	nsp	CC73CH1H102JT +1608			
	CC805	nsp	CK73B1E104KT +1608			
	CC806	nsp	CK73B1H102KT +1608			
	CC807	nsp	CK73B1E104KT +1608			
	CC808,809	nsp	CK73B1H102KT +1608			
	CC810	nsp	CK73B1E104KT +1608			
	CC811	nsp	CK73B1H102KT +1608			
	CC812	nsp	CK73B1E104KT +1608			
	CC813	nsp	CC73CH1H101JT +1608			
	CC814	nsp	CC73CH1H102JT +1608			
	CC815	nsp	CC73CH1H101JT +1608			
	CC816	nsp	CC73CH1H102JT +1608			
	CC817	nsp	CC73CH1H101JT +1608			
	CC818	nsp	CC73CH1H102JT +1608			
	CC819	nsp	CC73CH1H101JT +1608			
	CC820	nsp	CC73CH1H102JT +1608			
	CC821	nsp	CC73CH1H101JT +1608			
	CC822	nsp	CC73CH1H102JT +1608			
	CC823	nsp	CC73CH1H101JT +1608			
	CC824	nsp	CC73CH1H102JT +1608			
	CC825	nsp	CC73CH1H101JT +1608			
	CC826	nsp	CC73CH1H102JT +1608			
	CC827	nsp	CK73B1H103KT (1608) +1608			
	CC828	nsp	CC73CH1H101JT +1608			
	CC829	nsp	CC73CH1H102JT +1608			
	CC830	nsp	CC73CH1H101JT +1608			
	CC831	nsp	CC73CH1H102JT +1608			
	CC832	nsp	CK73B1H103KT (1608) +1608			
	CC833	nsp	CC73CH1H101JT +1608			
	CC834	nsp	CC73CH1H102JT +1608			
	CC901	nsp	CK73B1E103KT(1005)			
	CC902	nsp	CS77B1A100MT(NOJ)			
	CC903	nsp	CK73B1E103KT(1005)			
	CC904,905	nsp	CK73B1H332KT +1608			
	CC906-909	nsp	CC73CH1H471JT +1608			
	CC916	nsp	CK73B1E103KT(1005)			
	CC918	nsp	CK73B1E103KT(1005)			
	CC919,920	nsp	CK73B1H332KT +1608			
	CC921-924	nsp	CC73CH1H471JT +1608			
	CC925	nsp	CC73CH1H101JT +1608			
	CC926	nsp	CC73CH1H102JT +1608			
	CC927	nsp	CC73CH1H101JT +1608			
	CC928	nsp	CC73CH1H102JT +1608			
	CC929	nsp	CC73CH1H101JT +1608			
	CC930	nsp	CC73CH1H102JT +1608			
	CC931	nsp	CC73CH1H101JT +1608			
	CC932	nsp	CC73CH1H102JT +1608			
	CC933	nsp	CC73CH1H101JT +1608			
	CC934	nsp	CC73CH1H102JT +1608			
	CC935	nsp	CC73CH1H101JT +1608			
	CC936	nsp	CC73CH1H102JT +1608			
	CC937	nsp	CC73CH1H101JT +1608			
	CC938	nsp	CC73CH1H102JT +1608			
	CC939	nsp	CK73B1H103KT (1608) +1608			
	CC940	nsp	CC73CH1H101JT +1608			
	CC941	nsp	CC73CH1H102JT +1608			
	CC942	nsp	CC73CH1H101JT +1608			
	CC943	nsp	CC73CH1H102JT +1608			
	CC944	nsp	CK73B1H103KT (1608) +1608			
	CC945	nsp	CC73CH1H101JT +1608			
	CC946	nsp	CC73CH1H102JT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
OTHERS PARTS GROUP						
	CX701-704	nsp	70P CON.PLUG(9828)			
	FB601-603	nsp	CHIP EMIFIL(11A121) +1608			
	FB605	nsp	CHIP EMIFIL(11A121) +1608			
	FB701,702	nsp	CHIP EMIFIL(11A121) +1608			
	FB709	nsp	E.FIL(BLM21PG221SN1)+2125			
	FB801,802	nsp	E.FIL(BLM21PG221SN1)+2125			
	JK101	00D2051222000	RJ-45 JACK(GND)			
	JK102	00D2048739001	2P BNC JACK(JALCO)AU			
	JK103,104	00D2048658014	2P PIN JACK(C-TYPE)			
	TP601-603	nsp	40P PLUG(9841B-40A)			
	TP604	nsp	7P FFC BASE(9610SC)			
	X301	nsp	FCX-03(20.815MHz)			
	X401	nsp	FCX-03(20.815MHz)			
	X501	nsp	FCX-03(20.815MHz)			

1U-3819 ETHERNET P.W.B. UNIT ASS'Y(EU model)
1U-3819A ETHERNET P.W.B. UNIT ASS'Y(E2,JP model)

(This P.W.B. UNIT is replaced by ASS'Y level.)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101	nsp	RTL8201CP			
	IC102	nsp	FSUSB22			
	IC103,104	nsp	FDC608PZ			
	IC105	nsp	BCOIC-DM850E-CQL			
	IC106	nsp	ETHER ROM ASSY(S29GL064A90TFIR40)	for EU : 00DGEN8537		
	IC106	nsp	ETHER ROM ASSY(S29GL064A90TFIR40)	for E2,JP : 00DGEN8537A		
	IC107	nsp	W9812G6GH-6			
	IC108	nsp	FCX0-03(24.576MHZ) +REF			
	IC109	nsp	SN74LVC2G32DCT			
	IC110	nsp	SN74LVC2G14DBVR			
	IC111,112	nsp	MICROSMD175F			
	IC401	nsp	F2621E-01	for EU		
	IC402	nsp	LC89057W-VF4A	for EU		
	IC403	nsp	PQ033DNA1ZPH	for EU		
	IC404	nsp	SAA7121H			
	IC405	nsp	UPC2933BT1D-E1-AT			
	IC406	nsp	EN5312QI-T			
	IC410	nsp	TC7W66FK			
	IC411	nsp	SN74LV594APWR			
	TR101-104	nsp	KRC102S-RTK/P (10K-10K)			
	TR107	nsp	KRC104S-RTK/P (47K-47K)			
	TR108	nsp	KRA102S-RTK/P (10K-10K)			
	TR111-113	nsp	KRC102S-RTK/P (10K-10K)			
	TR401	nsp	KRC102S-RTK/P (10K-10K)			
	TR912	nsp	2SB1412TL(PQR) +C			
	TR913	nsp	KRC102S-RTK/P (10K-10K)			
	D101-104	nsp	ESD PROTECTOR(6802)			
	D401	nsp	RB521S-30TE61 +REF			
	D403,404	nsp	RB521S-30TE61 +REF			
	D406-408	nsp	ESD PROTECTOR(6802)			
	ZD401	nsp	NSAD500F-T1B			
RESISTORS GROUP						
	R198	nsp	RM73B--5491DT(1608)			
	R401,402	nsp	RM73B20R0KT +3216			
	R487	nsp	RM73B--104DT(1608)			
CAPACITORS GROUP						
	C101	nsp	CK73B1H102KT +1005			
	C103	nsp	CK73B1H102KT +1005			
	C105,106	nsp	CK73B1A104KT +1005			
	C107,108	nsp	CK73B1E104KT +1608			
	C109	nsp	CK73B1A104KT +1005			
	C110	nsp	CE67C0J101MT+REF			
	C111-115	nsp	CK73B1A104KT +1005			
	C116-118	nsp	CK73B1H102KT +1005			
	C119	nsp	CK73B0J475KT(P) +1608			
	C120	nsp	CK73B1H102KT +1005			
	C121-123	nsp	CK73B1A104KT +1005			
	C126,127	nsp	CK73B1A104KT +1005			
	C130	nsp	CS77B1A100MT(NOJ)			
	C131	nsp	CK73B1H102KT +1005			

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When update Firmware, please confirm a last version in SDI.
Use the service board after updating it.

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C132	nsp	CK73B1A104KT +1005			
	C133	nsp	CK73B0J475KT(P) +1608			
	C134,135	nsp	CK73B1H102KT +1005			
	C136	nsp	CK73B0J475KT(P) +1608			
	C137-140	nsp	CK73B1A104KT +1005			
	C141-144	nsp	CK73B1H102KT +1005			
	C145	nsp	CK73B0J475KT(P) +1608			
	C146,147	nsp	CK73B1A104KT +1005			
	C148	nsp	CK73B1H102KT +1005			
	C149-152	nsp	CK73B1A104KT +1005			
	C153-157	nsp	CK73B1H102KT +1005			
	C158-163	nsp	CK73B1A104KT +1005			
	C164,165	nsp	CK73B1H102KT +1005			
	C166,167	nsp	CC73CH1H100DT +1608			
	C168,169	nsp	CK73B1A104KT +1005			
	C170,171	nsp	CK73B1H102KT +1005			
	C172	nsp	CK73B1A104KT +1005			
	C173	nsp	CK73B0J475KT(P) +1608			
	C174	nsp	CS77B1A100MT(NOJ)			
	C175	nsp	CK73B1A104KT +1005			
	C176	nsp	CK73B1H102KT +1005			
	C177-184	nsp	CC73CH1H100DT +1005			
	C185	nsp	CK73B1H102KT +1005			
	C186	nsp	CK73B1A104KT +1005			
	C187,188	nsp	CK73B1H102KT +1005			
	C189	nsp	CK73B1A104KT +1005			
	C401	nsp	CK73B1H102KT +1005			
	C402	nsp	CE67C1C100MT (RV2B55 +REF			
	C403-406	nsp	CC73CH1H200JT +1005			
	C407,408	nsp	CK73B1A104KT +1005			
	C409	nsp	CE67C0J220MT (RV2) +REF			
	C410,411	nsp	CK73B1A104KT +1005			
	C412,413	nsp	CC73CH1H5R0CT +1005			
	C414,415	nsp	CK73B0J475KT(P) +1608			
	C416,417	nsp	CK73B1A104KT +1005			
	C418,419	nsp	CK73B1H102KT +1005			
	C420-428	nsp	CK73B1A104KT +1005			
	C429	nsp	CS77B1A100MT(NOJ)			
	C430	nsp	CK73B1A104KT +1005			
	C431	nsp	CE67C0J101MT (RV2) +REF			
	C432-435	nsp	CK73B1A104KT +1005			
	C436	nsp	CS77B1A100MT(NOJ)			
	C437	nsp	CK73B1H102KT +1005			
	C440	nsp	CK73B1A104KT +1005			
	C441	nsp	CS77B1A100MT(NOJ)			
	C442-446	nsp	CK73B1A104KT +1005			
	C447	nsp	CS77B1A100MT(NOJ)			
	C448	nsp	CK73B1A104KT +1005			
	C449	nsp	CE67C0J101MT (RV2) +REF			
	C450	nsp	CK73B0J475KT(P) +1608			
	C451	nsp	CK73B1A104KT +1005			
	C452,453	nsp	CK73B0J475KT(P) +1608			
	C454	nsp	CK73B1A104KT +1005			
	C459	nsp	CK73B1H102KT +1005			
	C460	nsp	CK73B1A104KT +1005			
	C461	nsp	CK73B1H102KT +1005			
	C462,463	nsp	CK73B1A104KT +1005			
	CC101,102	nsp	CK73B1E104KT +1608			
	CC103	nsp	CE67C0J221MT(MVA) +REF			
	CC104	nsp	CS77B1A100MT(NOJ)			
	CC106,107	nsp	CK73B1E104KT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
OTHERS PARTS GROUP						
	CX124	nsp	MINI-PCI-CONNECTOR			
	CX530	nsp	5P PH CON BASE(TAPE) +REF			
	CX626	nsp	6P ZR CON BASE			
	CX714,715	nsp	70P CON.PLUG(9828)			
	CX819	nsp	8P CON BASE(TUC-P)			
	CY626	nsp	6P ZR CON BASE			
	FB101	nsp	E.FIL(BLM21PG221SN1)+2125			
	FB102-108	nsp	CHIP EMIFIL(11A121) +1608			
	FB401	nsp	CHIP EMIFIL(11A121) +1608			
	JK101	00D2051333009	8P MODULAR			
	JK102	00D2051381006	USB CONNECTOR			
	JK401	00D2051362009	XM/DT BUS CONNECTOR	for EU		
	TP401	nsp	40P PLUG(9841B-40A)			
	TP403	nsp	4P ZH-ZR CON.BASE-T			
	W101	nsp	M3 SCREW TERMINAL			
	W401	nsp	M3 SCREW TERMINAL			
	X401	nsp	FCX-02(45.1584MHz)	for EU		

1U-3821 CPU P.W.B. UNIT ASS'Y (EU model)
1U-3821A CPU P.W.B. UNIT ASS'Y(E2 model)
1U-3821C CPU P.W.B. UNIT ASS'Y (JP model)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101-103	00D2631249911	UPC2933BT1D-E1-AT			
	IC701	00D2623360905	LC72722PM-TLM	for EU		
	IC702	00D2631214904	KIA7812AF-RTF/P	for EU		
	IC703	00D2630896909	NJM2068MD-TE1 +C	for EU		
	IC801,802	00D2631197908	BU4094BCFV-E2			
	IC803,804	00D2623424906	LTC1694CS5			
	IC805	00D2623410907	TC74VHCT08AFT			
	IC806	00DGEN8533	SUB CPU SUB ASSY (M30627FHPGP)			
	IC807	00D2623448908	TC74VHC125FT			
	IC901	00D2623436907	TC74VHC244FT			
	IC902	00D2623437906	TC74VHCT244AFT			
	IC903,904	00D2631197908	BU4094BCFV-E2			
	IC905	00DGEN8532	MAIN CPU SUB ASSY (M3087BFLBGP)			
	IC906	00D2623614907	M95128-WMN6TP			
	IC907,908	00D2630706905	NJM2903M-TE1 +C			
	IC951	00D2623579000	EPM570F256C5N			
	IC981	8R2481000600D	MAIN EXP ROM SUB ASSY (S29AL016D90TFI020#)			
	IC982,983	00D2623681008	CY7C1049DV33-10ZSXI			
	TR101-103	00D2730464901	KTC3875S-GR-RTK/P			
	TR104	00D2720161900	2SB1412TL(PQR) +C			
	TR105	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR106	00D2720161900	2SB1412TL(PQR) +C			
	TR107,108	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR109,110	00D2710326904	2SA1954(B)-TE85L			
	TR111	00D2720161900	2SB1412TL(PQR) +C			
	TR112-114	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR115	00D2720161900	2SB1412TL(PQR) +C			
	TR116	00D2710326904	2SA1954(B)-TE85L			
	TR117	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR118	00D2720161900	2SB1412TL(PQR) +C			
	TR119,120	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR121	00D2720161900	2SB1412TL(PQR) +C			
	TR122,123	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR124	00D2710326904	2SA1954(B)-TE85L			
	TR601-632	00D2730460905	KTC2875-B-RTK/P			
	TR701-704	00D2690192902	KRC102S-RTK/P (10K-10K)	for EU		
	TR705	00D2690086908	DTA114TKT96 +C	for EU		
	TR706,707	00D2690066902	DTC323TKT96 +C	for EU		
	TR708	00D2720161900	2SB1412TL(PQR) +C			
	TR709	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR710	00D2720161900	2SB1412TL(PQR) +C			
	TR711	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR803	00D2730464901	KTC3875S-GR-RTK/P			
	TR804	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR805	00D2750110905	HN1K02FU-TE85L			
	TR901	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR902	00D2690191903	KRA104S-RTK/P (47K-47K)			
	TR903	00D2730464901	KTC3875S-GR-RTK/P			
	TR904	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR905	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR906	00D2730464901	KTC3875S-GR-RTK/P			
	TR907	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR908	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR909	00D2730464901	KTC3875S-GR-RTK/P			
	TR910	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR911	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR912	00D2730464901	KTC3875S-GR-RTK/P			

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△2

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	TR915	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR916	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR951	00D2730464901	KTC3875S-GR-RTK/P			
	TR952	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR953	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR954	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR955	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR956	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR957	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR958	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR959	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR960	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR961	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR962	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR963	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR964	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR965	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR966	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR967	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR968	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR969	00D2690192902	KRC102S-RTK/P (10K-10K)			
	D101-103	00D2760794900	KDS160-RTK/P			
	D104-109	00D2760751901	1SR154-400TE25 +REF			
	D701-705	00D2760794900	KDS160-RTK/P			⚠3
	D706	nsp	RM73B--0R0KT			⚠3
	D901-903	00D2760794900	KDS160-RTK/P			
	ZD101	00D2760454907	HZS3C-1TD			
	ZD102-107	00D2760837906	NSAD500F-T1B-A			
	ZD301-314	00D2760837906	NSAD500F-T1B-A			
	ZD701-706	00D2760837906	NSAD500F-T1B-A			
	ZD901	00D2760837906	NSAD500F-T1B-A			
	ZD951,952	00D2760837906	NSAD500F-T1B-A			
RESISTORS GROUP						
	RE607	00D2470044911	RM73B--201DT			
	RE609,610	00D2470044911	RM73B--201DT			
	RE612	00D2470044911	RM73B--201DT			
	RE617-620	00D2470045907	RM73B--471DT			
	RE631	00D2470044911	RM73B--201DT			
	RE633,634	00D2470044911	RM73B--201DT			
	RE636	00D2470044911	RM73B--201DT			
	RE641-644	00D2470045907	RM73B--471DT			
	RE661	00D2470044911	RM73B--201DT			
	RE663,664	00D2470044911	RM73B--201DT			
	RE666,667	00D2470044911	RM73B--201DT			
	RE669,670	00D2470044911	RM73B--201DT			
	RE672	00D2470044911	RM73B--201DT			
	RE681-688	00D2470045907	RM73B--471DT			
	RE697,698	00D2470045907	RM73B--471DT			
CAPACITORS GROUP						
	C101	nsp	CK73B1H102KT +1005			
	C102-105	00D2570525903	CK73B0J475KT(P) +1608			
	C106	nsp	CK73B1H102KT +1005			
	C107	nsp	CK73B1A104KT +1005			
	C108	00D2570525903	CK73B0J475KT(P) +1608			
	C109	nsp	CK73B1H103KT (1608) +1608			
	C110	nsp	CK73B1A104KT +1005			
	C111	nsp	CK73B1H102KT +1005			
	C112,113	00D2544666005	CE04W0H105ZC(FG)			
	C114-116	00D2570525903	CK73B0J475KT(P) +1608			
	C117	nsp	CK73B1A104KT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C118	00D2570525903	CK73B0J475KT(P) +1608			
	C119	nsp	CK73B1A104KT +1005			
	C120	nsp	CK73B1H102KT +1005			
	C121,122	00D2570525903	CK73B0J475KT(P) +1608			
	C123,124	nsp	CK73B1A104KT +1005			
	C125	nsp	CK73B1H102KT +1005			
	C126	00D2574011905	CE67C0J101MT (RV2) +REF			
	C127	nsp	CK73B1A104KT +1005			
	C128-131	00D2570525903	CK73B0J475KT(P) +1608			
	C132	nsp	CK73B1A104KT +1005			
	C133	00D2574011905	CE67C0J101MT (RV2) +REF			
	C134	00D2544655922	CE67C0J470MT (RV2) +REF			
	C135	nsp	CK73B1A104KT +1005			
	C136	00D2574015901	CE67C1C330MT(PXA)			
	C137	nsp	CK73B1A104KT +1005			
	C307	00D2574015901	CE67C1C330MT(PXA)			
	C308-315	nsp	CK73B1A104KT +1005			
	C501,502	00D2574015901	CE67C1C330MT(PXA)			
	C601-620	00D2544658929	CE67C1E220MT (RV2)	for EU		
	C601-620	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C621-624	00D2544658929	CE67C1E220MT (RV2)			
	C625-628	00D2544658929	CE67C1E220MT (RV2)	for EU		
	C625-628	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C629-632	00D2544658929	CE67C1E220MT (RV2)			
	C701	nsp	CC73CH1H331JT +1608	for EU		
	C702,703	nsp	CC73CH1H270JT +1608	for EU		
	C704,705	nsp	CK73B1H102KT +1005	for EU		
	C707	nsp	CC73CH1H101JT +1005	for EU		
	C710	nsp	CC73CH1H561JT +1608	for EU		
	C711	nsp	CK73B1H102KT +1005	for EU		
	C712-714	00D2570525903	CK73B0J475KT(P) +1608	for EU		
	C715	nsp	CK73B1H102KT +1005	for EU		
	C716	nsp	CK73B1A104KT +1005	for EU		
	C717	00D2570525903	CK73B0J475KT(P) +1608	for EU		
	C718,719	nsp	CC73CH1H221JT +1608	for EU		
	C720,721	nsp	CK73B1A104KT +1005	for EU		
	C722,723	00D2544572908	CE67C1C100MT(MV-B) +REF	for EU		
	C726	00D2574012917	CE67C1C220MT (RV2) +REF	for EU		
	C727	00D2544604944	CE67W1H010MT(P.CAP)	for EU		
	C728,729	00D2544572908	CE67C1C100MT(MV-B) +REF	for EU		
	C730,731	00D2544604944	CE67W1H010MT(P.CAP)	for EU		
	C732-735	nsp	CK73B1A104KT +1005			
	C736-738	00D2574015901	CE67C1C330MT(PXA)			
	C739,740	00D2570525903	CK73B0J475KT(P) +1608	for EU		
	C801	00D2570525903	CK73B0J475KT(P) +1608			
	C802	nsp	CK73B1E104KT +1608			
	C804	nsp	CK73B1E104KT +1608			
	C805,806	nsp	CK73B1H102KT +1608			
	C807,808	nsp	CK73B1E104KT +1608			
	C809	nsp	CK73B1H102KT +1608			
	C810-813	nsp	CC73CH1H121JT +1608			
	C814	nsp	CK73B1H102KT +1608			
	C815	nsp	CC73CH1H101JT +1608			
	C817	00D2570525903	CK73B0J475KT(P) +1608			
	C818	nsp	CK73B1E104KT +1608			
	C819,820	nsp	CC73CH1H100DT +1608			
	C821,822	nsp	CK73B1E104KT +1608			
	C823-826	00D2570525903	CK73B0J475KT(P) +1608			
	C901-904	nsp	CK73B1E104KT +1608			
	C905	00D2570525903	CK73B0J475KT(P) +1608			
	C906,907	nsp	CK73B1H103KT +1608			
	C908,909	nsp	CC73CH1H8R0DT +1608			
	C910	nsp	CK73B1H102KT +1608			
	C911	nsp	CK73B1E104KT +1608			
	C912-918	00D2570525903	CK73B0J475KT(P) +1608			
	C919-924	nsp	CK73B1E104KT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C928-930	nsp	CK73B1A104KT +1005			
	C931-933	nsp	CK73B1H102KT +1005			
	C951-954	00D2570525903	CK73B0J475KT(P) +1608			
	C955-958	nsp	CK73B1A104KT +1005			
	C959-962	nsp	CK73B1H102KT +1005			
	C981	nsp	CK73B1H102KT +1005			
	C982	00D2570525903	CK73B0J475KT(P) +1608			
	C983	nsp	CK73B1H102KT +1005			
	C984-987	nsp	CK73B1A104KT +1005			
	C988	00D2570525903	CK73B0J475KT(P) +1608			
	CC901,902	nsp	CK73B1E104KT +1608			
	CC903,904	nsp	CK73B1H102KT +1608			
OTHERS PARTS GROUP						
	CW130	nsp	13P CON.SOCKET(TUC-P			
	CW133	nsp	13P CON.SOCKET(TUC-P			
	CW150	nsp	15P CON.SOCKET TUC-P			
	CW606	nsp	6P CON.SOCKET(TUC-P			
	CW701-715	nsp	70P CON.SOCKET(9828)			
	CW716	nsp	70P CON.PLUG(9828)			
	CX111	nsp	11P KR CON BASE(L)			
	CX141	nsp	14P CON.BASE TUC-P			
	CX302	nsp	3P CON.BASE(KR-PH)			△3
	CX311	nsp	30P-FFC-BASE(9610SC)			
	CX613	nsp	6P ZH-ZR CON.BASE-T			
	CX713	nsp	70P CON.PLUG(9828)			
	CX716	nsp	70P CON.SOCKET(9828)			
	CX901	nsp	9P PH CON.BASE(TAPE)			
	CX912	nsp	10PPH CON BASE(TAPE) +REF			
	CX943	nsp	14P PH CON.BASE(TAPE +REF			
	CY109	nsp	10P CON.BASE(KR-PH)			
	CY151	00D2050770045	15P FFC BASE(SIDE)	for EU		
	CY152	nsp	15P PH CON.BASE(L)			
	CY153	nsp	13P PIN HEADER(9120)			
	CY331,332	00D2051314992	30P FFC BASE(9616S)			
	CY408	nsp	4P PH CON.BASE(L) +REF			
	CY410	nsp	4P VH CONNECTOR BASE			
	CY604	nsp	6P VH CONNECTOR BASE			
	CY722	nsp	7P VH CONNECTOR BASE			
	CY801	nsp	8P PH CON.BASE(L) +REF			
	FB701	00D2350147909	E.FIL(BLM21PG221SN1)+2125			
	FB702	00D2350147909	E.FIL(BLM21PG221SN1)+2125	for EU		
	ST101	nsp	STYLE PIN			
	TP301	00D2051343950	7P FFC BASE(9610SC)			
	TP801	00D2051343950	7P FFC BASE(9610SC)			
	TP901	00D2051343905	11P FFC BASE(9610SCA			
	TP951	00D2051343950	7P FFC BASE(9610SC)			
	X701	00D3991093903	HC-49/U03C4.332MHz	for EU		
	X801	00D3991038900	FCX-03(12MHZ)			
	X901	00D3991117902	FCX-03(30.000MHz)			

1U-3822 ANALOG VIDEO P.W.B. UNIT ASS'Y(EU,E2 model)
1U-3822C ANALOG VIDEO P.W.B. UNIT ASS'Y(JP model)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101,102	00D2623446900	TC4052BFT			
	IC103,104	00D2622375904	IC, TC4094BF(TP1) +C			
	IC201,202	00D2623551002	NJW1321FP1			
	IC203	00D2631225906	NJM2581M-TE1			
	IC205,206	00D2631225906	NJM2581M-TE1			
	IC401-408	00D2631082903	TK15420MTL +C			
	IC409-411	00D2623447909	TC4053BFT			
	IC412-420	00D2623445901	TC4051BFT			
	IC421-426	00D2623447909	TC4053BFT			
	IC427-431	00D2623446900	TC4052BFT			
	IC432-437	00D2631082903	TK15420MTL +C			
	IC701,702	00D2631082903	TK15420MTL +C			
	IC703	00D2623447909	TC4053BFT			
	IC709	00D2622827902	MM74HC4053SJ +C			
	IC710,711	00D2631082903	TK15420MTL +C			
	IC712	00D2623717901	LC74781M			
	IC713-717	00D2631197908	BU4094BCFV-E2			
	IC916,917	00D2623571901	HIN202EIBNZ-T			
	IC918	00D2630615902	BA15218F-DXE2 +C			
	TR101	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR102	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR202	00D2710312905	KTA1504S-GR-RTK/P			
	TR204	00D2710312905	KTA1504S-GR-RTK/P			
	TR206	00D2710312905	KTA1504S-GR-RTK/P			
	TR207	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR208-210	00D2710312905	KTA1504S-GR-RTK/P			
	TR211,212	00D2690144905	DTC114YKA-T146 +C			
	TR213,214	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR215-217	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR401,402	00D2710312905	KTA1504S-GR-RTK/P			
	TR403-406	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR407,408	00D2710312905	KTA1504S-GR-RTK/P			
	TR409-412	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR413,414	00D2710312905	KTA1504S-GR-RTK/P			
	TR415-418	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR704	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR705	00D2710312905	KTA1504S-GR-RTK/P			
	TR706,707	00D2730464901	KTC3875S-GR-RTK/P			
	D215,216	00D2760773905	RB501V-40 +2125			
	D217-220	00D2760794900	KDS160-RTK/P			
	D222,223	00D2760794900	KDS160-RTK/P			
	D231,232	00D2760794900	KDS160-RTK/P			
	D401-412	00D2760794900	KDS160-RTK/P			
	D703,704	00D2760794900	KDS160-RTK/P			
	ZD901-903	00D2760683930	UDZS5.1B-TE17 +C			
	ZD904,905	00D2760829901	NSAD500F-T1B			
RESISTORS GROUP						
	R204-209	00D2472019928	RM73B--750FT			
	R219-224	00D2472019928	RM73B--750FT			
	R231-233	00D2472019928	RM73B--750FT			
	R237-239	00D2472019928	RM73B--750FT			
	R271-276	00D2472045918	RM73B--151FT_1608			
	R287	00D2472045921	RM73B--161FT_1608			
	R288	00D2472045918	RM73B--151FT_1608			
	R289	00D2472045921	RM73B--161FT_1608			
	R290	00D2472045918	RM73B--151FT_1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R291	00D2472045921	RM73B--161FT_1608			
	R292	00D2472045918	RM73B--151FT_1608			
	R310	00D2472045921	RM73B--161FT_1608			
	R311	00D2472045918	RM73B--151FT_1608			
	R312	00D2472045921	RM73B--161FT_1608			
	R313	00D2472045918	RM73B--151FT_1608			
	R314	00D2472045921	RM73B--161FT_1608			
	R315	00D2472045918	RM73B--151FT_1608			
	R336	00D2472045921	RM73B--161FT_1608			
	R337	00D2472045918	RM73B--151FT_1608			
	R338	00D2472045921	RM73B--161FT_1608			
	R339	00D2472045918	RM73B--151FT_1608			
	R340	00D2472045921	RM73B--161FT_1608			
	R341	00D2472045918	RM73B--151FT_1608			
	R342	00D2472045921	RM73B--161FT_1608			
	R343	00D2472045918	RM73B--151FT_1608			
	R344	00D2472045921	RM73B--161FT_1608			
	R345	00D2472045918	RM73B--151FT_1608			
	R346	00D2472045921	RM73B--161FT_1608			
	R347	00D2472045918	RM73B--151FT_1608			
	R353-370	00D2472045918	RM73B--151FT_1608			
	R374	00D2472045921	RM73B--161FT_1608			
	R375	00D2472045918	RM73B--151FT_1608			
	R376	00D2472045921	RM73B--161FT_1608			
	R377	00D2472045918	RM73B--151FT_1608			
	R378	00D2472045921	RM73B--161FT_1608			
	R379	00D2472045918	RM73B--151FT_1608			
	R380	00D2472045921	RM73B--161FT_1608			
	R381	00D2472045918	RM73B--151FT_1608			
	R382	00D2472045921	RM73B--161FT_1608			
	R383	00D2472045918	RM73B--151FT_1608			
	R384	00D2472045921	RM73B--161FT_1608			
	R385	00D2472045918	RM73B--151FT_1608			
	R401-414	00D2472019928	RM73B--750FT			
	R426-432	00D2472045918	RM73B--151FT_1608			
	R438-444	00D2472045918	RM73B--151FT_1608			
	R463-474	00D2472045918	RM73B--151FT_1608			
	R567-569	00D2472029918	RM73B--622FT			
	R594	00D2472019928	RM73B--750FT			
	R596	00D2472019928	RM73B--750FT			
	R598	00D2472019928	RM73B--750FT			
	R701	00D2472019928	RM73B--750FT			
	R703	00D2472019928	RM73B--750FT			
	R705	00D2472019928	RM73B--750FT			
CAPACITORS GROUP						
	C101	00D2574012933	CE67C1C101MT (RV2) +REF			
	C102,103	nsp	CK73B1E104KT +1608			
	C104	00D2544661932	CE67C1H100MT (RV2)			
	C105-107	nsp	CK73B1E104KT +1608			
	C108	nsp	CK73B1H103KT (1608) +1608			
	C109	00D2570508988	CC73CH1H102JT +1608			
	C201-203	nsp	CC73CH1H101JT +1608			
	C204-206	nsp	CK73B1E104KT +1608			
	C207-210	00D2544465921	CE67C1C100MT +REF			
	C211	nsp	CK73B1E104KT +1608			
	C212	00D2544465921	CE67C1C100MT +REF			
	C213	nsp	CK73B1E104KT +1608			
	C214	00D2544465921	CE67C1C100MT +REF			
	C215	nsp	CK73B1E104KT +1608			
	C216-218	nsp	CC73CH1H101JT +1608			
	C219-221	nsp	CK73B1E104KT +1608			
	C222	00D2544465921	CE67C1C100MT +REF			
	C223	nsp	CK73B1E104KT +1608			
	C224	00D2544465921	CE67C1C100MT +REF			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C225	nsp	CK73B1E104KT +1608			
	C226	00D2544465921	CE67C1C100MT +REF			
	C227	nsp	CK73B1E104KT +1608			
	C228-231	00D2544465921	CE67C1C100MT +REF			
	C232	nsp	CK73B1E104KT +1608			
	C233	00D2544465921	CE67C1C100MT +REF			
	C234	nsp	CK73B1E104KT +1608			
	C235	00D2544465921	CE67C1C100MT +REF			
	C236	nsp	CK73B1E104KT +1608			
	C237	00D2544465921	CE67C1C100MT +REF			
	C238	nsp	CK73B1E104KT +1608			
	C239	00D2544465921	CE67C1C100MT +REF			
	C240	nsp	CK73B1E104KT +1608			
	C241	00D2544465921	CE67C1C100MT +REF			
	C242	nsp	CK73B1E104KT +1608			
	C243	00D2574012933	CE67C1C101MT (RV2) +REF			
	C244-247	nsp	CK73B1E104KT +1608			
	C248	00D2544466917	CE67C1H010MT +REF			
	C249	00D2574012933	CE67C1C101MT (RV2) +REF			
	C250-253	nsp	CK73B1E104KT +1608			
	C254	00D2544466917	CE67C1H010MT +REF			
	C255-257	00D2574011905	CE67C0J101MT (RV2) +REF			
	C258-261	nsp	CK73B1E104KT +1608			
	C262	00D2544657920	CE67C1C330MT (RV2)			
	C263-265	nsp	CK73B1E104KT +1608			
	C266	00D2544657920	CE67C1C330MT (RV2)			
	C267,268	nsp	CK73B1E104KT +1608			
	C269	nsp	CK73B1E473KT +1608			
	C270	nsp	CK73B1H103KT (1608) +1608			
	C271	nsp	CC73CH1H221JT +1608			
	C273	nsp	CK73B1E473KT +1608			
	C274	00D2544466917	CE67C1H010MT +REF			
	C275	nsp	CK73B1E473KT +1608			
	C279-282	nsp	CK73B1E104KT +1608			
	C284-286	nsp	CK73B1E104KT +1608			
	C288,289	nsp	CK73B1E104KT +1608			
	C290	nsp	CK73B1E473KT +1608			
	C291	nsp	CK73B1H103KT (1608) +1608			
	C292	nsp	CC73CH1H221JT +1608			
	C294	nsp	CK73B1E473KT +1608			
	C295	00D2544466917	CE67C1H010MT +REF			
	C296	nsp	CK73B1E473KT +1608			
	C297-299	nsp	CC73CH1H101JT +1608			
	C300-302	00D2574011905	CE67C0J101MT (RV2) +REF			
	C303-306	nsp	CK73B1E104KT +1608			
	C307	00D2544657920	CE67C1C330MT (RV2)			
	C308-310	nsp	CK73B1E104KT +1608			
	C311	00D2544657920	CE67C1C330MT (RV2)			
	C312,313	nsp	CK73B1E104KT +1608			
	C314-316	00D2574011905	CE67C0J101MT (RV2) +REF			
	C317-320	nsp	CK73B1E104KT +1608			
	C321	00D2544657920	CE67C1C330MT (RV2)			
	C322-324	nsp	CK73B1E104KT +1608			
	C325	00D2544657920	CE67C1C330MT (RV2)			
	C326,327	nsp	CK73B1E104KT +1608			
	C328	00D2544465921	CE67C1C100MT +REF			
	C329	nsp	CK73B1E104KT +1608			
	C330	00D2544465921	CE67C1C100MT +REF			
	C331	nsp	CK73B1E104KT +1608			
	C332	00D2544465921	CE67C1C100MT +REF			
	C333	nsp	CK73B1E104KT +1608			
	C334-336	00D2544465921	CE67C1C100MT +REF			
	C337-339	nsp	CK73B1E104KT +1608			
	C401-404	00D2544655922	CE67C0J470MT (RV2) +REF			
	C405-432	nsp	CK73B1E104KT +1608			
	C433-436	nsp	CK73B1H103KT (1608) +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C437-466	nsp	CK73B1E104KT +1608			
	C467-475	00D2574011905	CE67C0J101MT (RV2) +REF			
	C476-487	nsp	CK73B1E104KT +1608			
	C488-491	00D2544655922	CE67C0J470MT (RV2) +REF			
	C492,493	nsp	CK73B1E473KT +1608			
	C494,495	nsp	CK73B1E104KT +1608			
	C496,497	nsp	CK73B1E473KT +1608			
	C498,499	00D2544466917	CE67C1H010MT +REF			
	C500-503	nsp	CK73B1E473KT +1608			
	C504,505	nsp	CK73B1E104KT +1608			
	C506,507	nsp	CK73B1E473KT +1608			
	C508,509	00D2544466917	CE67C1H010MT +REF			
	C510-513	nsp	CK73B1E473KT +1608			
	C514,515	nsp	CK73B1E104KT +1608			
	C516,517	nsp	CK73B1E473KT +1608			
	C518,519	00D2544466917	CE67C1H010MT +REF			
	C520,521	nsp	CK73B1E473KT +1608			
	C701,702	00D2544655922	CE67C0J470MT (RV2) +REF			
	C703,704	nsp	CK73B1H103KT (1608) +1608			
	C705-707	00D2574011905	CE67C0J101MT (RV2) +REF			
	C708,709	nsp	CK73B1H103KT (1608) +1608			
	C710,711	00D2544655922	CE67C0J470MT (RV2) +REF			
	C743,744	00D2544655922	CE67C0J470MT (RV2) +REF			
	C745,746	nsp	CK73B1E104KT +1608			
	C747,748	00D2544465921	CE67C1C100MT +REF			
	C749	nsp	CK73B1E104KT +1608			
	C750	nsp	CK73B1H103KT (1608) +1608			
	C751,752	00D2544465921	CE67C1C100MT +REF			
	C753	00D2574011905	CE67C0J101MT (RV2) +REF			
	C754	nsp	CK73B1H102KT +1608			
	C755	00D2544661932	CE67C1H100MT (RV2)			
	C756,757	nsp	CC73CH1H6R0DT +1608			
	C758	00D2570504911	CC73CH1H240JT			
	C759	nsp	CK73B1H122KT +1608			
	C760	00D2570504911	CC73CH1H240JT			
	C761	00D2544466917	CE67C1H010MT +REF			
	C762	nsp	CK73B1E104KT +1608			
	C763	00D2544466917	CE67C1H010MT +REF			
	C764	00D2544465921	CE67C1C100MT +REF			
	C765-777	nsp	CK73B1H103KT (1608) +1608			
	C910	nsp	CC73CH1H101JT +1608			
	C911	nsp	CK73B1H103KT (1608) +1608			
	C912	nsp	CK73B1E104KT +1608			
	C913	nsp	CC73CH1H101JT +1608			
	C914	nsp	CK73B1H103KT (1608) +1608			
	C915	nsp	CK73B1E104KT +1608			
	C916-919	nsp	CC73CH1H101JT +1608			
	C920	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C921	nsp	CK73B1E104KT +1608			
	C922	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C923	nsp	CK73B1E104KT +1608			
	C924-931	00D2544571941	CE67C1H0R1MT(MV-B)			
	C933	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C934	nsp	CC73CH1H101JT +1608			
	C936	nsp	CK73B1H102KT +1608			
	C937	nsp	CC73CH1H151JT +1608			
	C938,939	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C940	nsp	CC73CH1H101JT +1608			
	C941	nsp	CC73CH1H151JT +1608			
	C943	nsp	CK73B1H102KT +1608			
	C944,945	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C946	nsp	CK73B1H102KT +1608			
	C948	nsp	CK73B1E104KT +1608			
	C949	nsp	CK73B1H102KT +1608			
	C950	nsp	CC73CH1H101JT +1608			
	C951	nsp	CK73B1E104KT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C952	00D2544464906	CE67C0J101MT+REF			
OTHERS PARTS GROUP						
	CW115	nsp	11P SOCKET(9120)			
	CW117-119	nsp	11P SOCKET(9120)			
	CW132	nsp	13P CON.SOCKET(TUC-P			
	CW138,139	nsp	13P CON.SOCKET(TUC-P			
	CW141	nsp	14P CON.SOCKET TUC-P	for EU,E2		
	CW171,172	nsp	17P SOCKT(9120)			
	CW610	nsp	6P CON.SOCKET(TUC-P			
	CW727,728	nsp	7P CON.SOCKET(TUC-P			
	CW902,903	nsp	9P SOCKET(9120)			
	CX109	nsp	10P CON.BASE(KR-PH)			
	CX142	nsp	14P CON.BASE TUC-P	for EU,E2		
	CX411	nsp	4P CON.BASE(TUC-P)			
	CX507	nsp	5P CONN.BASE(KR-PH)			
	CX529	nsp	5P CON.BASE TUC-P			
	CX711,712	nsp	70P CON.PLUG(9828)			
	CX911	nsp	11P CON.BASE TUC-P			
	CY530	nsp	5P CONN.BASE(KR-PH)			
	FB701	00D2350147909	E.FIL(BLM21PG221SN1)+2125			
	FB901	00D2350147909	E.FIL(BLM21PG221SN1)+2125			
	JK201	00D2048718006	D CONNECTOR	for JP		
	JK202	00D2048734006	6P-PIN-JACK(FG/AU)			
	JK203	00D2048718006	D CONNECTOR	for JP		
	JK204,205	00D2048734006	6P-PIN-JACK(FG/AU)			
	JK206	00D2048718006	D CONNECTOR	for JP		
	JK401-406	00D2048705006	4P S&PIN JACK(AU)			
	JK902	00D2048260004	MINI JACK			
	JK903	00D2051381006	USB CONNECTOR			
	JK904,905	00D2051305008	9P D-SUB CONNECTOR			
	L706	00D2350150941	LQH32MN330J23L			
	L707	00D2350150954	LQH32MN101J23L +C			
	RL201-206	00D2140228902	RELAY(EE2-12N35) +REF			
	W901	nsp	M3 SCREW TERMINAL			
	X702	00D3991066901	FCX-03(14.318MHz)			

1U-3823 ANALOG AUDIO P.W.B. UNIT ASS'Y(EU model)
1U-3823A ANALOG AUDIO P.W.B. UNIT ASS'Y(E2,JP model)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101	00D2623555901	SA5532ADR	for EU		
	IC101	00D2631074908	OP275GSZ-REEL7	for E2,JP		
	IC102-107	00D2630896909	NJM2068MD-TE1 +C			
	IC108	00D2623347009	TC94A46FG +C			
	IC109	00D2623728000	TC9274F-023			
	IC110-112	00D2630896909	NJM2068MD-TE1 +C			
	IC117	00D2630896909	NJM2068MD-TE1 +C			
	IC118	00D2630896909	NJM2068MD-TE1	for E2,JP		
	IC120	00D2630896909	NJM2068MD-TE1 +C			
	IC122-125	00D2630896909	NJM2068MD-TE1 +C			
	IC151	00D2623728000	TC9274F-023			
	IC501-503	00D2631197908	BU4094BCFV-E2			
	IC505	00D2631197908	BU4094BCFV-E2			
	IC507-514	00D2623555901	SA5532ADR			
	IC701-703	00D2623347009	TC94A46FG +C			
	IC705-711	00D2630615902	BA15218F-DXE2 +C			
	IC801	00D2630896909	NJM2068MD-TE1 +C			
	IC802	00D2630615902	BA15218F-DXE2 +C			
	TR503	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR504	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR505	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR506	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR507	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR508	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR509,510	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR511,512	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR513	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR515	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR517	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR518	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR519	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR520	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR521	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR522	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR523,524	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR525,526	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR527,528	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR529,530	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR531,532	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR533,534	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR535,536	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR537,538	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR539,540	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR541,542	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR543,544	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR545,546	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR547,548	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR549,550	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR551,552	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR553,554	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR555	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR557	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR559	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR561	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR563,564	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR565,566	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR567	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR569	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR571	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR573	00D2690184907	KRA102S-RTK/P (10K-10K)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	TR575	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR577	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR701	00D2710320900	KTA1517-GR-RTK/P			
	TR702	00D2740195901	2SD2114KT196 +C			
	TR703	00D2710320900	KTA1517-GR-RTK/P			
	TR704	00D2730481900	KTC3911S-GR-RTK/P			
	TR705	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR706	00D2710320900	KTA1517-GR-RTK/P			
	TR707	00D2740195901	2SD2114KT196 +C			
	TR708,709	00D2710320900	KTA1517-GR-RTK/P			
	TR710-716	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR717	00D2730481900	KTC3911S-GR-RTK/P			
	TR718	00D2710320900	KTA1517-GR-RTK/P			
	TR719	00D2690192902	KRC102S-RTK/P (10K-10K)	for E2,JP		
	TR720	00D2710312905	KTA1504S-GR-RTK/P	for E2,JP		
	TR721	00D2710320900	KTA1517-GR-RTK/P			
	TR722	00D2730481900	KTC3911S-GR-RTK/P			
	TR723	00D2710320900	KTA1517-GR-RTK/P			
	TR903	00D2710334006	2SA2190			
	TR906	00D2730496005	2SC6072			
	D501-514	00D2760794900	KDS160-RTK/P			
	D701	00D2760794900	KDS160-RTK/P			
	D702-708	00D2760738908	KDS226-RTK/P (A-K)			
	D709	00D2760794900	KDS160-RTK/P			
	D710-716	00D2760738908	KDS226-RTK/P (A-K)			
	D717	00D2760794900	KDS160-RTK/P	for E2,JP		
RESISTORS GROUP						
	R706	00D2412383902	RD14B2E223JNBST			
	R745	00D2412383902	RD14B2E223JNBST			
	R775,776	00D2442050920	RS14B3A121JNBST(S)	for E2,JP		
	R777,778	00D2442043953	RS14B3A471JNBST(S)	for E2,JP		
CAPACITORS GROUP						
	C106-119	nsp	CC73CH1H331JT +1608			
	C120-125	nsp	CC73CH1H101JT +1608			
	C126-133	nsp	CC73CH1H331JT +1608			
	C134,135	00D2570507976	CC73CH1H331JT	for E2,JP		
	C140,141	00D2544661932	CE67C1H100MT (RV2)	for EU		
	C140,141	00D2544604986	CE67W1H100MT(P.CAP) +REF	for E2,JP		
	C142-161	00D2544658916	CE67C1E100MT (RV2)			
	C162,163	00D2544604986	CE67W1H100MT(P.CAP) +REF	for E2,JP		
	C198,199	00D2544603945	CE67W1E470MT(P.CAP)			
	C200-219	00D2574012920	CE67C1C470MT (RV2) +REF			
	C220,221	00D2544603945	CE67W1E470MT(P.CAP)	for E2,JP		
	C226-229	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C230	nsp	CK73B1H102KT +1608			
	C231-234	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C235	nsp	CK73B1H102KT +1608			
	C236-241	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C248-249	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C250	nsp	CK73B1H102KT +1608			
	C251-257	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C258,259	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C295,296	nsp	CK73B1H102KT +1608			
	C311	nsp	CK73B1H102KT +1608			
	C501-506	nsp	CK73B1E104KT +1608			
	C507	00D2574011905	CE67C0J101MT (RV2) +REF			
	C508-510	nsp	CK73B1E104KT +1608			
	C511-514	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C515-530	00D2544661932	CE67C1H100MT (RV2)			
	C531-546	00D2574012917	CE67C1C220MT (RV2) +REF			
	C563-570	nsp	RM73B--0R0KT +1608			
	C571-584	nsp	CK73B1E104KT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C585-590	nsp	RM73B--0R0KT +1608			
	C597,598	00D2574011905	CE67C0J101MT (RV2) +REF			
	C601-627	nsp	CK73B1E104KT +1608			
	C701-703	nsp	CC73CH1H221JT +1608			
	C705-708	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C709-711	00D2544661932	CE67C1H100MT (RV2)			
	C712-718	00D2574016900	CE67C1E4R7MT(MV-B)			
	C719	nsp	CK73B1E104KT +1608			
	C720-726	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C727	00D2544661932	CE67C1H100MT (RV2)			
	C728-734	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C735-738	nsp	RM73B--0R0KT +1608			
	C739-744	nsp	RM73B--0R0KT +1608			
	C745-748	nsp	RM73B--0R0KT +1608			
	C749-754	nsp	RM73B--0R0KT +1608			
	C755,756	nsp	CK73B1H102KT +1608			
	C757,758	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C801	00D2574012920	CE67C1C470MT (RV2) +REF			
	C802	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C803	00D2573023952	CF73=1C123JT(ECHUX)			
	C804,805	00D2544603945	CE67W1E470MT(P.CAP)			
	C806	00D2573024964	CF73=1C104JT(ECHUX)			
	C809	00D2573024935	CF73=1C563JT(ECHUX)			
	C810-813	00D2573024964	CF73=1C104JT(ECHUX)			
	C814,815	00D2544603958	CE67W1E101MT(P.CAP) +REF			
OTHERS PARTS GROUP						
	CW107	nsp	10P CON.SOCKET TUC-P			
	CW114	nsp	11P CON.SOCKET TUC-P			
	CW116	nsp	11P CON.SOCKET TUC-P			
	CW128	nsp	12P SOCKET(9120)			
	CW135,136	nsp	13P CON.SOCKET(TUC-P			
	CW156	nsp	15P SOCKET(9120)			
	CW173,174	nsp	17P SOCKT(9120)			
	CW509	nsp	5P CON.SOCKET TUC-P			
	CW518-525	nsp	5P CON.SOCKET TUC-P			
	CW907	nsp	9P CON.SOCKET TUC-P			
	CX135-137	nsp	13P CON.BASE(TUC-P)			
	CX304	nsp	3P PH CON.BASE(TAPE) +REF			
	CX404,405	nsp	4P CON.BASE(TUC-P)			
	CX510-525	nsp	5P CON.BASE TUC-P			
	CX709,710	nsp	70P CON.PLUG(9828)			
	CX804	nsp	8P PH CON.BASE(TAPE)			
	CX906	nsp	9P KR CON BASE(RD)L			
	CX907,908	nsp	9P CON.BASE TUC-P			
	CX934	nsp	13P CON.BASE(TUC-P)			
	CY105	nsp	10P KR CON BASE(L)			
	CY122	nsp	12P KR CON BASE(L)			
	CY125	nsp	12P KR CON BASE(L)			
	CY314	nsp	3P PH CON.BASE(TAPE) +REF			△3
	CY905	nsp	9P KR CON BASE(L)			
	CY981	nsp	14P PH CON.BASE(TAPE +REF			
	CY982	nsp	10PPH CON BASE(TAPE) +REF			
	JK101	00D2048562016	2P PIN JACK(S-GND)			
	JK102	00D2048513036	6P PIN JACK			
	JK103,104	00D2048513023	6P PIN JACK-S2GND-AU			
	JK105,106	00D2048514006	4P PIN JACK(S-GND)			
	JK108	00D2048562016	2P PIN JACK(S-GND)	for E2,JP		
	JK501	00D2048537012	2P PIN JACK(GND)			
	JK502	00D2048537025	2P PIN JACK			
	JK503-508	00D2048537012	2P PIN JACK(GND)			
	RL501-514	00D2140228902	RELAY(EE2-12N35) +REF			

1U-3824 VOL/REG P.W.B. UNIT ASS'Y(EU model)
1U-3824A VOL/REG P.W.B. UNIT ASS'Y(E2,JP model)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC113	00D2623168903	TC94A32F +C			
	IC115	00D2623168903	TC94A32F +C			
	IC117	00D2623168903	TC94A32F +C			
	IC119	00D2623168903	TC94A32F +C			
	IC121	00D2623168903	TC94A32F +C			
	IC123	00D2623168903	TC94A32F +C			
	IC125	00D2631207908	AD8512AR REEL			
	IC127	00D2631207908	AD8512AR REEL			
	IC129	00D2631207908	AD8512AR REEL			
	IC131	00D2631207908	AD8512AR REEL			
	IC133	00D2631207908	AD8512AR REEL			
	IC135	00D2631207908	AD8512AR REEL			
	IC143	00D2630995004	NJM4556AD +T			
	IC501-504	00D2630896909	NJM2068MD-TE1 +C			
	IC505	00D2623727904	NJW1194V-TE1			
	IC506	00D2631213905	KIA7808AF-RTF/P			
	IC507	00D2631215903	KIA7908F-RTF/P			
	IC508	00D2631214904	KIA7812AF-RTF/P			
	IC509	00D2631218900	KIA7912F-RTF/P			
	IC510-513	00D2630896909	NJM2068MD-TE1 +C			
	IC514	00D2623727904	NJW1194V-TE1			
	IC515	00D2631213905	KIA7808AF-RTF/P			
	IC516	00D2631215903	KIA7908F-RTF/P			
	IC517	00D2631214904	KIA7812AF-RTF/P			
	IC518	00D2631218900	KIA7912F-RTF/P			
	IC701	00D2631275901	UPC2905BT1D			
	IC702	00D2631249911	UPC2933BT1D-E1-AT			
	IC703	00D2631275901	UPC2905BT1D			
	IC801	00D2690240003	GP1FMV31RK0F			
	IC803	00D2622580906	CXA1511M +C			
	IC804	00D2623410907	TC74VHCT08AFT			
	IC806	00D2630896909	NJM2068MD-TE1 +C			
	IC901	00D2630896909	NJM2068MD-TE1 +C			
	IC902	00D2623555901	SA5532ADR	for EU		
	IC902	00D2631074908	OP275GSZ-REEL7	for E2,JP		
	TR701	00D2730464901	KTC3875S-GR-RTK/P			
	TR702	00D2750118907	2SK368(Y)TE85LF			
	TR703	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR704	00D2710332901	KTA1718D/L			
	TR705	00D2710312905	KTA1504S-GR-RTK/P			
	TR706	00D2750118907	2SK368(Y)TE85LF			
	TR707	00D2730493901	KTC2815D/L			
	TR708	00D2710312905	KTA1504S-GR-RTK/P			
	TR709	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR710	00D2710332901	KTA1718D/L			
	TR711	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR712	00D2710332901	KTA1718D/L			
	TR713	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR714	00D2710332901	KTA1718D/L			
	TR721	00D2730464901	KTC3875S-GR-RTK/P			
	TR722	00D2750118907	2SK368(Y)TE85LF			
	TR723	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR724	00D2710332901	KTA1718D/L			
	TR725	00D2730464901	KTC3875S-GR-RTK/P			
	TR726	00D2750118907	2SK368(Y)TE85LF			
	TR727	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR728	00D2710332901	KTA1718D/L			
	TR729	00D2710312905	KTA1504S-GR-RTK/P			
	TR730	00D2750118907	2SK368(Y)TE85LF			
	TR731	00D2730493901	KTC2815D/L			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	TR732	00D2710312905	KTA1504S-GR-RTK/P			
	TR811	00D2730464901	KTC3875S-GR-RTK/P			
	TR812	00D2690191903	KRA104S-RTK/P (47K-47K)			
	TR814	00D2690191903	KRA104S-RTK/P (47K-47K)			
	D101	00D2760794900	KDS160-RTK/P			
	D501,502	00D2760751901	1SR154-400TE25 +REF			
	D503,504	00D2760794900	KDS160-RTK/P			
	D505-508	00D2760751901	1SR154-400TE25 +REF			
	D509,510	00D2760794900	KDS160-RTK/P			
	D511,512	00D2760751901	1SR154-400TE25 +REF			
	D701,702	00D2760794900	KDS160-RTK/P			
	D703	00D2760773905	RB501V-40 +2125			
	D705	00D2760773905	RB501V-40 +2125			
	D707	00D2760773905	RB501V-40 +2125			
	D709-711	00D2760794900	KDS160-RTK/P			
	D801	00D2760794900	KDS160-RTK/P			
	D802	00D2760833900	ESD PROTECTOR(6802)			
	D803	00D2760794900	KDS160-RTK/P			
	D804,805	00D2760833900	ESD PROTECTOR(6802)			
	D806	00D2760794900	KDS160-RTK/P			
	D808	00D2760794900	KDS160-RTK/P			
	ZD701	00D2760865949	RLZTE-1120B			
	ZD702	00D2760683998	UDZS16B-TE17 +C			
	ZD703	00D2760865949	RLZTE-1120B			
	ZD704	00D2760683998	UDZS16B-TE17 +C			
	ZD705-707	00D2760861972	RLZTE-116.2B			
	ZD711	00D2760865949	RLZTE-1120B			
	ZD712	00D2760683985	UDZS11B-TE17			
	ZD713	00D2760865949	RLZTE-1120B			
	ZD714	00D2760798906	UDZS6.2B-TE17			
	ZD715	00D2760865949	RLZTE-1120B			
	ZD716	00D2760798906	UDZS6.2B-TE17			
	ZD801	00D2760798906	UDZS6.2B-TE17			
	ZD802-805	00D2760683998	UDZS16B-TE17 +C			
RESISTORS GROUP						
	R197,198	00D2470041901	RM73B--100DT			
	R201,202	00D2470041901	RM73B--100DT			
	R205,206	00D2470041901	RM73B--100DT			
	R209,210	00D2470041901	RM73B--100DT			
	R213,214	00D2470041901	RM73B--100DT			
	R217,218	00D2470041901	RM73B--100DT			
	R221,222	00D2470050963	RM73B--104DT			
	R225,226	00D2470050963	RM73B--104DT			
	R229,230	00D2470050963	RM73B--104DT			
	R233,234	00D2470050963	RM73B--104DT			
	R237,238	00D2470050963	RM73B--104DT			
	R241,242	00D2470050963	RM73B--104DT			
	R245,246	00D2470050963	RM73B--104DT			
	R249,250	00D2470050963	RM73B--104DT			
	R253,254	00D2470050963	RM73B--104DT			
	R257,258	00D2470050963	RM73B--104DT			
	R261,262	00D2470050963	RM73B--104DT			
	R265,266	00D2470050963	RM73B--104DT			
	R269,270	00D2470051959	RM73B--244DT			
	R273,274	00D2470051959	RM73B--244DT			
	R277,278	00D2470051959	RM73B--244DT			
	R281,282	00D2470051959	RM73B--244DT			
	R285,286	00D2470051959	RM73B--244DT			
	R289,290	00D2470051959	RM73B--244DT			
	R293,294	00D2470051959	RM73B--244DT			
	R297,298	00D2470051959	RM73B--244DT			
	R301,302	00D2470051959	RM73B--244DT			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R305,306	00D2470051959	RM73B--244DT			
	R309,310	00D2470051959	RM73B--244DT			
	R313,314	00D2470051959	RM73B--244DT			
	R415-424	00D2470043941	RM73B--101DT			
	R816	00D2790053909	MINISMDC050F			
	R818	00D2790053909	MINISMDC050F			
	R820	00D2790053909	MINISMDC050F			
	R826	00D2790053909	MINISMDC050F			
	R834	00D2472019928	RM73B--750FT			
	R835	00D2472045918	RM73B--151FT_1608			
	R836	00D2472019928	RM73B--750FT			
	R839	00D2472046904	RM73B--181FT_1608			
CAPACITORS GROUP						
	C103,104	nsp	CK73B1H103KT (1608) +1608	for EU		
	C107-112	nsp	CK73B1H103KT (1608) +1608	for EU		
	C113,114	00D2574012920	CE67C1C470MT (RV2) +REF	for EU		
	C113,114	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C117,118	00D2574012920	CE67C1C470MT (RV2) +REF	for EU		
	C117,118	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C119,120	nsp	CK73B1H103KT (1608) +1608	for EU		
	C121,122	00D2574012920	CE67C1C470MT (RV2) +REF	for EU		
	C121,122	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C123,124	nsp	CK73B1H103KT (1608) +1608	for EU		
	C125,126	00D2574012920	CE67C1C470MT (RV2) +REF	for EU		
	C125,126	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C129,130	00D2574012920	CE67C1C470MT (RV2) +REF	for EU		
	C129,130	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C133,134	00D2574012920	CE67C1C470MT (RV2) +REF	for EU		
	C133,134	00D2544602917	CE67W1C470MT(P.CAP)	for E2,JP		
	C137-139	nsp	CC73CH1H331JT +1608			
	C141	nsp	CC73CH1H331JT +1608			
	C143	nsp	CC73CH1H331JT +1608			
	C145	nsp	CC73CH1H331JT +1608			
	C147	nsp	CC73CH1H331JT +1608			
	C149,150	00D2573019940	CF73=1H103JT(ECHUX)	for E2,JP		
	C153,154	00D2573019940	CF73=1H103JT(ECHUX)	for E2,JP		
	C157,158	00D2573019940	CF73=1H103JT(ECHUX)	for E2,JP		
	C161,162	00D2573019940	CF73=1H103JT(ECHUX)	for E2,JP		
	C165,166	00D2573019940	CF73=1H103JT(ECHUX)	for E2,JP		
	C169,170	00D2573019940	CF73=1H103JT(ECHUX)	for E2,JP		
	C173,174	00D2554250922	CQ93P2A150JT(NH2)	for E2,JP		
	C177,178	00D2554250922	CQ93P2A150JT(NH2)	for E2,JP		
	C181,182	00D2554250922	CQ93P2A150JT(NH2)	for E2,JP		
	C185,186	00D2554250922	CQ93P2A150JT(NH2)	for E2,JP		
	C189	00D2554250922	CQ93P2A150JT(NH2)	for E2,JP		
	C190	00D2554250922	CQ93P2A150JT(NH2)	for E2,JP		
	C193,194	00D2554250922	CQ93P2A150JT(NH2)	for E2,JP		
	C197,198	00D2574016900	CE67C1E4R7MT(MV-B)			
	C199,200	00D2574012933	CE67C1C101MT (RV2) +REF			
	C201,202	00D2570503967	CC73CH1H150JT +1608	for EU		
	C205-214	00D2570503967	CC73CH1H150JT +1608	for EU		
	C401-412	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C501-503	00D2574016900	CE67C1E4R7MT(MV-B)			
	C504	00D2544571941	CE67C1H0R1MT(MV-B)			
	C505	00D2574016900	CE67C1E4R7MT(MV-B)			
	C506-508	00D2544571941	CE67C1H0R1MT(MV-B)			
	C509,510	00D2574016900	CE67C1E4R7MT(MV-B)			
	C511	nsp	CC73CH1H680JT +1608			
	C512	nsp	CC73CH1H101JT +1608			
	C513-515	00D2574016900	CE67C1E4R7MT(MV-B)			
	C516	nsp	CC73CH1H680JT +1608			
	C517	nsp	CC73CH1H101JT +1608			
	C518-520	00D2574016900	CE67C1E4R7MT(MV-B)			
	C521,522	00D2574012933	CE67C1C101MT (RV2) +REF			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C523	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C524	00D2574016900	CE67C1E4R7MT(MV-B)			
	C525	00D2573022982	CF73=1C332JT(ECHUX)			
	C526	00D2544571941	CE67C1H0R1MT(MV-B)			
	C527,528	00D2574016900	CE67C1E4R7MT(MV-B)			
	C529	00D2544571941	CE67C1H0R1MT(MV-B)			
	C530	00D2573022982	CF73=1C332JT(ECHUX)			
	C531	00D2574016900	CE67C1E4R7MT(MV-B)			
	C532	nsp	CC73CH1H471JT +1608			
	C533-536	00D2574016900	CE67C1E4R7MT(MV-B)			
	C537,538	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C539-541	00D2574016900	CE67C1E4R7MT(MV-B)			
	C542	00D2544571941	CE67C1H0R1MT(MV-B)			
	C543	00D2574016900	CE67C1E4R7MT(MV-B)			
	C544-546	00D2544571941	CE67C1H0R1MT(MV-B)			
	C547,548	00D2574016900	CE67C1E4R7MT(MV-B)			
	C549	nsp	CC73CH1H680JT +1608			
	C550	nsp	CC73CH1H101JT +1608			
	C551,552	00D2574016900	CE67C1E4R7MT(MV-B)			
	C553	nsp	CC73CH1H680JT +1608			
	C554	00D2574016900	CE67C1E4R7MT(MV-B)			
	C555	nsp	CC73CH1H101JT +1608			
	C556-558	00D2574016900	CE67C1E4R7MT(MV-B)			
	C559,560	00D2574012933	CE67C1C101MT (RV2) +REF			
	C561	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C562	00D2574016900	CE67C1E4R7MT(MV-B)			
	C563	00D2573022982	CF73=1C332JT(ECHUX)			
	C564	00D2544571941	CE67C1H0R1MT(MV-B)			
	C565,566	00D2574016900	CE67C1E4R7MT(MV-B)			
	C567	00D2544571941	CE67C1H0R1MT(MV-B)			
	C568	00D2573022982	CF73=1C332JT(ECHUX)			
	C569	nsp	CC73CH1H471JT +1608			
	C570-574	00D2574016900	CE67C1E4R7MT(MV-B)			
	C575,576	00D2544603958	CE67W1E101MT(P.CAP) +REF			
	C701	00D2544805905	CE67W1V221MT(P.CAP)			
	C702	00D2544693942	CE04W1H221MT(RF0)			
	C703	nsp	CK73B1A105KT +1608			
	C704,705	00D2544805905	CE67W1V221MT(P.CAP)			
	C706	00D2544693942	CE04W1H221MT(RF0)			
	C707	nsp	CK73B1A105KT +1608			
	C708	00D2544805905	CE67W1V221MT(P.CAP)			
	C709	00D2570508988	CC73CH1H102JT +1608			
	C710	00D2544603961	CE67W1E221MT(P.CAP)			
	C711	00D2570508988	CC73CH1H102JT +1608			
	C712	00D2544660946	CE67C1H010MT (RV2B55 +REF			
	C713	00D2544603961	CE67W1E221MT(P.CAP)			
	C714	nsp	CK73B1A105KT +1608			
	C715	00D2544805905	CE67W1V221MT(P.CAP)			
	C716	00D2544603961	CE67W1E221MT(P.CAP)			
	C717	00D2544805905	CE67W1V221MT(P.CAP)			
	C718	00D2544603961	CE67W1E221MT(P.CAP)			
	C719	00D2544660946	CE67C1H010MT (RV2B55 +REF			
	C720	nsp	CK73B1A105KT +1608			
	C721,722	00D2544603961	CE67W1E221MT(P.CAP)			
	C723	00D2544805905	CE67W1V221MT(P.CAP)			
	C724	00D2544660946	CE67C1H010MT (RV2B55 +REF			
	C725	00D2544805905	CE67W1V221MT(P.CAP)			
	C726	00D2544524943	CE04W1H010MT SMG/RE3			
	C727	nsp	CK73B1A105KT +1608			
	C728	00D2544805905	CE67W1V221MT(P.CAP)			
	C729,730	00D2544661932	CE67C1H100MT (RV2)			
	C731	00D2544805905	CE67W1V221MT(P.CAP)			
	C732	00D2544524943	CE04W1H010MT SMG/RE3			
	C733	00D2544661932	CE67C1H100MT (RV2)			
	C734	nsp	CK73B1A105KT +1608			
	C735	00D2544805905	CE67W1V221MT(P.CAP)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C736,737	00D2570508988	CC73CH1H102JT +1608			
	C738	00D2544805905	CE67W1V221MT(P.CAP)			
	C739	00D2544524943	CE04W1H010MT SMG/RE3			
	C740	nsp	CK73B1A105KT +1608			
	C741,742	00D2544805905	CE67W1V221MT(P.CAP)			
	C743	nsp	CK73B1A105KT +1608			
	C801	nsp	CK73B1H102KT +1608			
	C802	nsp	CC73CH1H101JT +1608			
	C803,804	nsp	CK73B1E104KT +1608			
	C805,806	nsp	CC73CH1H101JT +1608			
	C807	nsp	CK73B1H102KT +1608			
	C808	nsp	CC73CH1H101JT +1608			
	C809,810	nsp	CK73B1H102KT +1608			
	C811	nsp	CC73CH1H101JT +1608			
	C812	nsp	CK73B1H102KT +1608			
	C813	nsp	CC73CH1H101JT +1608			
	C814-817	nsp	CC73CH1H221JT +1608			
	C818	nsp	CK73B1H102KT +1608			
	C819,820	nsp	CC73CH1H101JT +1608			
	C821-825	nsp	CK73B1E104KT +1608			
	C826	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C827	nsp	CC73CH1H101JT +1608			
	C828	nsp	CK73B1H103KT (1608) +1608			
	C829	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C830	nsp	CK73B1H102KT +1608			
	C831	00D2544572908	CE67C1C100MT(MV-B) +REF			
	C832	nsp	CK73B1H103KT (1608) +1608			
	C844	nsp	CC73CH1H101JT +1608			
	C845	nsp	CK73B1H102KT +1608			
	C855,856	nsp	CK73B1H103KT (1608) +1608			
	C857-859	00D2570521949	CK73B1A474KT			
	C862	nsp	CK73B1H103KT (1608) +1608			
	C863,864	nsp	CC73CH1H331JT +1608			
	C866-869	nsp	CK73B1H103KT (1608) +1608			
	C873	nsp	CK73B1H103KT (1608) +1608			
	C874	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C877	00D2544571912	CE67C1H010MT(MV-B) +REF			
	C878,879	00D2544658916	CE67C1E100MT (RV2)			
	C880,881	00D2574012920	CE67C1C470MT (RV2) +REF			
	C884,885	nsp	CK73B1H103KT (1608) +1608			
	C910	00D2570508988	CC73CH1H102JT +1608			
	C911	nsp	CC73CH1H101JT +1608			
	C914,915	nsp	CC73CH1H471JT +1608			
	C916,917	00D2544661932	CE67C1H100MT (RV2)			
	C918,919	nsp	CC73CH1H101JT +1608			
	C920,921	00D2544465934	CE67C1C221MT +REF			
	C922	00D2573019982	CF73=1H223JT(ECHUX)			
	C923,924	00D2573018967	CF73=1H222JT(ECHUX)			
	C925	00D2573019982	CF73=1H223JT(ECHUX)			
	C926,927	00D2573019924	CF73=1H682JT(ECHUX)			
	C928,929	00D2574012917	CE67C1C220MT (RV2) +REF			
	C930	00D2573018925	CF73=1H102JT(ECHUX)			
	C931	nsp	CK73B1H102KT +1608			
	C932,933	00D2544604986	CE67W1H100MT(P.CAP) +REF			
	C934,935	nsp	CC73CH1H331JT +1608			
	C936,937	00D2544604986	CE67W1H100MT(P.CAP) +REF			
	C940,941	00D2544603945	CE67W1E470MT(P.CAP)			
	CC901-908	nsp	CK73B1H102KT +1608			
	CC909-916	nsp	CC73CH1H101JT +1608			
	CC917-924	nsp	CK73B1H102KT +1608			
	CC931	00D2573018925	CF73=1H102JT(ECHUX)			
OTHERS PARTS GROUP						
	AS101	nsp	SHIELD PLATE			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CW104	nsp	10P CON.SOCKET TUC-P			
	CW137	nsp	13P CON.SOCKET(TUC-P			
	CW144	nsp	14P SOCKET(9120)			
	CW154	nsp	15P CON.SOCKET TUC-P			
	CW159	nsp	15P CON.SOCKET TUC-P			
	CW403	nsp	4P SOCKET(9120)			
	CW404,405	nsp	4P CON.SOCKET(TUC-P)			
	CW508	nsp	5P CON.SOCKET TUC-P			
	CW510-517	nsp	5P CON.SOCKET TUC-P			
	CW601,602	nsp	6P PIN HEADER(6035)			
	CW608,609	nsp	6P PIN HEADER(6035)			
	CW611,612	nsp	6P PIN HEADER(6035)			
	CW908-910	nsp	9P CON.SOCKET TUC-P			
	CW911	nsp	8P CON.SOCKET(TUC-P)			
	CW934	nsp	13P CON.SOCKET(TUC-P			
	CX106	nsp	10P CON.BASE TUC-P			
	CX128	nsp	12P PIN HEADER(9120)			
	CX144	nsp	14P PIN HEADER(9120)			
	CX150	nsp	15P CON.BASE TUC-P			
	CX151	00D2050770045	15P FFC BASE(SIDE)	for EU		
	CX152	nsp	15P CONN.BASE(KR-PH)			
	CX156	nsp	15P PIN HEADER(9120)			
	CX159	nsp	15P CON.BASE TUC-P			
	CX173,174	nsp	17P PIN HEADER(9120)			
	CX241	00D2051257965	24P FFC BASE(9610SD)			
	CX331,332	00D2051401902	30P-FFC-BASE(9610SC)			
	CX403	nsp	4P PIN HEADER(9120)			
	CX411	nsp	4P CON.BASE(TUC-P)			
	CX505	nsp	5P CON.BASE TUC-P			
	CX801	nsp	8P CONN.BASE(KR-PH)			
	CX803	nsp	8P CON BASE(TUC-P)			
	CX804	nsp	8P CONN.BASE(KR-PH)			
	CX809	nsp	8P KR CON BASE(L)			
	CX810	nsp	8P CON BASE(TUC-P)			
	CY151	00D2050770045	15P FFC BASE(SIDE)	for EU		
	CY241	00D2051257965	24P FFC BASE(9610SD)			
	CY507	nsp	5P CONN.BASE(KR-PH)			
	FB801-804	nsp	RM73B--0R0KT +2125			
	FB901-906	00D2350130903	CHIP EMIFIL(11A121) +1608			
	FB907,908	00D2350147909	E.FIL(BLM21PG221SN1)+2125			
	FB909-913	00D2350130903	CHIP EMIFIL(11A121) +1608			
	JK801	00D2048424002	H/PHONE JACK			
	JK802	00D2048260004	MINI JACK			
	JK804	00D2050906000	1P S-TERMINAL(AU.SW)			
	JK805	00D2048649007	MINI JACK (RD)			
	JK806	00D2048693008	3P PINJACK(BK/AU)			
	JK807-809	00D2048649007	MINI JACK (RD)			
	JK810	00D2048260004	MINI JACK			
	JK902,903	00D2048537012	2P PIN JACK(GND)			
	RL101	00D2140228902	RELAY(EE2-12N35) +REF			
	ST508-510	nsp	STYLE PIN			
	ST512	nsp	STYLE PIN			
	W801	nsp	M3 SCREW TERMINAL			
	W802,803	nsp	M3 SCREW TERMINAL			
	W808,809	nsp	M3 SCREW TERMINAL			
	W901	nsp	M3 SCREW TERMINAL			

1U-3825 FRONT POWER P.W.B. UNIT ASS'Y(EU model)
1U-3825A FRONT P.W.B. UNIT ASS'Y(E2 model)
1U-3825C FRONT P.W.B. UNIT ASS'Y(JP model)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
⚠	IC101	00D2680073905	ICP-N15T			
	IC104,105	00D2631223005	PQ20RX11J00H			
	IC106	00D2631242918	NJM2831F06			
	IC701	00D4990318002	GP1UM271XKVF			
	TR101	00D2730480901	KTC2025D-Y-RTF/P			
	TR102	00D2730464901	KTC3875S-GR-RTK/P			
	TR103-105	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR701	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR702,703	00D2710312905	KTA1504S-GR-RTK/P			
	TR704	00D2690193901	KRC104S-RTK/P (47K-47K)			
	TR705	00D2690191903	KRA104S-RTK/P (47K-47K)			
	TR707-709	00D2740212907	2SD1782KT146			
	TR710-713	00D2690192902	KRC102S-RTK/P (10K-10K)			
	D101-108	00D2760704903	1SR35-400A(T93X)			
	D109	00D2760305001	S4VB20			
	D110	00D2760773905	RB501V-40 +2125			
	D111-113	00D2760704903	1SR35-400A(T93X)			
	D114,115	00D2760773905	RB501V-40 +2125			
	D116,117	00D2760704903	1SR35-400A(T93X)			
	D119	00D2760704916	1SR35-400A(T82)			
	ZD101,102	00D2760480900	HZS22-1TD			
	ZD103,104	00D2760455906	HZS4A-1TD			
	ZD105	00D2760464900	HZS7A-1TD			
	ZD106	00D2760683956	UDZS15B-TE17 +C			
	LD701	00D3939671002	SMLU12416W-S			
	LD702-704	00D3939452904	SEL1410E(TP2)			
	FL701	00D3938094004	FLD(19-BT-08GINK)			
RESISTORS GROUP						
	R116	00D2470046951	RM73B--202DT			
	R118	00D2470046951	RM73B--202DT			
CAPACITORS GROUP						
	C101,102	00D2551279951	CQ93M1H104JT(B)			
	C103	nsp	CK73B1E104KT +1608			
	C104,105	00D2544540710	CE04W1J471MC SMG/RE3			
	C106	nsp	CK73B1E104KT +1608			
	C107	00D2544527940	CE04W2A010MT SMG/RE3			
	C108,109	nsp	CK73B1E104KT +1608			
	C110	00D2544396906	CE04W1J101MT(SMG)			
	C111	nsp	CK73B1E104KT +1608			
	C112	00D2544524985	CE04W1H100MT SMG/RE3			
	C113	nsp	CC73CH1H102JT +1608			
	C114	00D2544524943	CE04W1H010MT SMG/RE3			
	C115,116	00D2554256955	CQ93P2A103JT(NH2)			
	C117	nsp	CC73CH1H102JT +1608			
	C118	00D2544524943	CE04W1H010MT SMG/RE3			
	C119,120	00D2544803703	CE04W1E472MC(SMQL25S			
	C121	00D2544524943	CE04W1H010MT SMG/RE3			
	C123	00D2544803703	CE04W1E472MC(SMQL25S			
	C124-126	00D2544524985	CE04W1H100MT SMG/RE3			
	C127-129	00D2544538939	CE04W1C470MT SMG/RE3			
	C165,166	nsp	CC73CH1H221JT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C701-703	nsp	CK73B1E104KT +1608			
	C710	00D2544193905	CE04W1C100MT (SRA)			
	C711	nsp	CK73B1H103KT (1608) +1608			
	C716,717	nsp	CC73CH1H221JT +1608			
	C718-720	nsp	CC73CH1H103JT +2125			
	C721-723	nsp	CC73CH1H101JT +1608			
	C724	nsp	CK73B1H103KT (1608) +1608			
	C725	nsp	CK73B1E104KT +1608			
	C726	nsp	CK73B1H102KT +1608			
	C727	nsp	CK73B1E104KT +1608			
	C728	00D2544302974	CE04W1A101MT(SRE)			
	C731-735	nsp	CC73CH1H102JT +1608			
	C738-740	nsp	CK73B1E104KT +1608			
⚠	C814	00D2538022707	CK45F2EAC103MC	for EU,JP		
OTHERS PARTS GROUP						
	AS001-003	00D4611296005	RUBBER SHEET			
	CW103	nsp	10P CON.SOCKET TUC-P			
	CW142,143	nsp	14P CON.SOCKET TUC-P	for EU		
	CW155	nsp	15P CON.SOCKET TUC-P			
	CW411,412	nsp	4P CON.SOCKET(TUC-P)			
	CW505,506	nsp	5P CON.SOCKET TUC-P			
	CW527	nsp	5P CON.SOCKET TUC-P			
	CW529	nsp	5P CON.SOCKET TUC-P			
	CW531,532	nsp	5P CON.SOCKET TUC-P			
	CW533,534	nsp	4P CON.SOCKET(TUC-P)			
	CW607	nsp	6P CON.SOCKET(TUC-P			
	CW911	nsp	11P CON.SOCKET TUC-P			
	CX103,104	nsp	10P CON.BASE TUC-P			
	CX134	nsp	13P KR CON BASE(L)			
	CX154,155	nsp	15P CON.BASE TUC-P			
	CX329	nsp	3P CONNE.BASE(RED)			
	CX409	nsp	4P CONN.BASE(KR-PH)			
	CX412	nsp	4P CON.BASE(TUC-P)			
	CX501	nsp	5P KR CON BASE(L)			
	CX506	nsp	5P CON.BASE TUC-P			
	CX527	nsp	5P CON.BASE TUC-P			
	CX531,532	nsp	5P CON.BASE TUC-P			
	CX533,534	nsp	4P CON.BASE(TUC-P)			
	CX607	nsp	6P CON.BASE(TUC-P)			
	CX802	nsp	8P KR CON BASE(L)			
	CY134	nsp	13P KR CON BASE(L)			
	CY209	nsp	2P VH CON BASE (Red)			
	CY213	nsp	2P VH CONNECTOR BASA	for EU,JP		
	CY214	nsp	2P VH CONNECTOR BASA			
	CY406	nsp	4P CONNE.BASE (BLK)			
	CY409	nsp	4P CONN.BASE(KR-PH)			
	CY501	nsp	5P CONN.BASE(KR-PH)			
	CY502	nsp	5P CONNE.BASE (BLK)			
	CY802	nsp	8P KR CON BASE(L)			
	CY809	nsp	8P CONN.BASE(KR-PH)			
	FB101,102	nsp	RM73B--0R0KT +2125			
	JK502,503	00D2051270007	3P BNC JACK(JALCO)AU			
	JK504	00D2048735005	3P-PIN-JACK(FG/AU)			
	JK505	00D2048736004	1P-PIN-JACK(FG/AU)			
	JK701	00D2048217031	H/P JACK (BK(AU))			
⚠	JK801	00D2033946003	AC OUTLET(POLARIZED)	for EU,JP		
⚠	JK802	00D2033961004	1P AC OUTLET(E2)	for E2		
	L101	00D2350060918	INDUCTOR(4R7)ST			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	S701-704	00D2125611903	TACT SWITCH(TAPE H5)	for EU		
	S701,702	00D2125611903	TACT SWITCH(TAPE H5)	for E2,JP		
	S705-720	00D2125611903	TACT SWITCH(TAPE H5)			
	S723-728	00D2125611903	TACT SWITCH(TAPE H5)			
	S730-739	00D2125611903	TACT SWITCH(TAPE H5)			
	S741,742	00D2120415007	ROT.ENCODER(EC16B36)			
	S744	00D2125611903	TACT SWITCH(TAPE H5)	for E2,JP		
⚠	S801	665010008002D	POWER SWITCH (TV-5)			
	ST102	nsp	STYLE PIN			
	ST701-704	nsp	STYLE PIN			
⚠	T810	00D2336576109	STANDBY TRANS(43E3)	for EU		
⚠	T810	00D2336606105	STANDBY TRANS(43E2)	for E2		
⚠	T810	00D2330736000	STANDBY TRANS	for JP		
	W701	nsp	1P 150mm SIN-SRA			
	W702	nsp	M3 SCREW TERMINAL			
	W703	nsp	1P 150mm SIN-SRA			
	W704,705	nsp	M3 SCREW TERMINAL			
	W711	nsp	3P 400mm VH-SIN	for E2		

1U-3826 PRIMARY P.W.B. UNIT ASS'Y(EU model)
1U-3826A PRIMARY P.W.B. UNIT ASS'Y(E2 model)
1U-3826C PRIMARY P.W.B. UNIT ASS'Y(JP model)

	Ref. No.	PartNo.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	D906-908	00D2760305001	S4VB20			
	D911-914	00D2760305001	S4VB20			
CAPACITORS GROUP						
	C901,902	00D2551279951	CQ93M1H104JT(B)			
	C903,904	00D2546273001	CE68W1V273M(SMHA50S)	for EU		
	C903,904	134050054004S	CE68W1V273MC(L=50)	for E2,JP		
	C905	00D2546270004	CE68W1C223M(SMHP50S)	for EU		
	C905	134050055014S	CE68W1C223MC(L=50)	for E2,JP		
	C906	00D2546270020	CE68W1C333M(SMHQ50S)	for E2,JP		
	C906	134050055007S	CE68W1C333MC(L=50)	for E2,JP		
	C908	00D2551279951	CQ93M1H104JT(B)			
	C909	00D2561064907	CF93A2E334KT(B)L=16			
	C910	00D2544799707	CE04W1V682MC(SMQM40S			
	C911,912	00D2546270017	CE68W1C473M(SMHR50S)			
	C915	00D2546272002	CE68W1E273M(SMHR50S)			
	C919-922	00D2551279951	CQ93M1H104JT(B)			
	C948	00D2544583900	CE04W1H010MT(ROB)			
	C952-954	00D2544583900	CE04W1H010MT(ROB)			
OTHERS PARTS GROUP						
	CW100-102	nsp	10P CON.SOCKET TUC-P			
	CW106	nsp	10P CON.SOCKET TUC-P			
	CW411-414	nsp	4P CON.SOCKET(TUC-P)			
	CW803	nsp	8P CON.SOCKET(TUC-P)			
	CW810-816	nsp	8P CON.SOCKET(TUC-P)			
	CX100-102	nsp	10P CON.BASE TUC-P			
	CX107	nsp	10P CON.BASE TUC-P			
	CX114	nsp	11P CON.BASE TUC-P			
	CX115	nsp	11P PIN HEADER(9120)			
	CX116	nsp	11P CON.BASE TUC-P			
	CX117-119	nsp	11P PIN HEADER(9120)			
	CX130	nsp	13P CON.BASE(TUC-P)			
	CX132,133	nsp	13P CON.BASE(TUC-P)			
	CX138,139	nsp	13P CON.BASE(TUC-P)			
	CX171,172	nsp	17P PIN HEADER(9120)			
	CX305	nsp	3P VH CON.BASE			
	CX306	nsp	3P EH CONNECTOR BASE			
	CX312	nsp	3P EH CONNECTOR BASE			
	CX313	nsp	3P VH CON.BASE			
	CX402	nsp	4P EH CONNECTOR BASE			
	CX406	nsp	4P CONNE.BASE (BLK)			
	CX412-414	nsp	4P CON.BASE(TUC-P)			
	CX502	nsp	5P CONNE.BASE (BLK)			
	CX508,509	nsp	5P CON.BASE TUC-P			
	CX606	nsp	6P CON.BASE(TUC-P)			
	CX610	nsp	6P CON.BASE(TUC-P)			
	CX727,728	nsp	7P CON.BASE(TUC-P)			
	CX811-816	nsp	8P CON BASE(TUC-P)			
	CX902,903	nsp	9P PIN HEADER(9120)			
	CX909,910	nsp	9P CON.BASE TUC-P			
	CY207	nsp	2P VH CON BASE (White)			
	CY211	nsp	2P VH CONNECTOR BASE			
	CY212	nsp	2P VH CON BASE (Blue)			
	CY312	nsp	3P EH CONNECTOR BASE			

	Ref. No.	PartNo.	Part Name	Remarks	Q'ty	New
⚠	F107,108	00D2061046027	FUSE 5A	for EU		
⚠	F107,108	00D2061035012	FUSE 5A (T)	for JP		
⚠	F107,108	00D2061015074	FUSE 3.15A	for E2		
⚠	F110,111	00D2061046027	FUSE 5A	for EU		
⚠	F110,111	00D2061035012	FUSE 5A (T)	for JP		
⚠	F110,111	00D2061015087	FUSE (4.0A)	for E2		
⚠	F112	00D2061039076	FUSE 2.5A	for EU		
⚠	F112	00D2061035067	FUSE(2.5A)T(A)MINI	for JP		
⚠	F112	00D2061015061	FUSE 2A	for E2		
⚠	F113	00D2061039089	FUSE 3.15A	for EU		
⚠	F113	00D2061035009	FUSE 3.15A (T)	for JP		
⚠	F113	00D2061015074	FUSE 3.15A	for E2		
	FF107,108	nsp	FUSE CLIP(TAPE)			
	FF110-113	nsp	FUSE CLIP(TAPE)			
	FH107,108	nsp	FUSE CLIP(TAPE)			
	FH110-113	nsp	FUSE CLIP(TAPE)			
	ST509	nsp	STYLE PIN			
	ST512	nsp	STYLE PIN			
	ST515-518	nsp	STYLE PIN			
⚠	T803	00D2336632001	FLD TRANS(DVP-E3)	for EU		
⚠	T803	00D2336633000	FLD TRANS(DVP-E2)	for E2		
⚠	T803	00D2330748001	FLD TRANS(JP)	for JP		
	W902	nsp	M3 SCREW TERMINAL			
	W908,909	nsp	M3 SCREW TERMINAL			
	W910	nsp	M3 SCREW TERMINAL			
	W912,913	nsp	M3 SCREW TERMINAL			
	W914	nsp	M3 SCREW TERMINAL			
		nsp	FUSE LABEL(T5A)	for JP		
		nsp	FUSE LABEL(T5A)	for JP		
		nsp	FUSE LABEL(T5A)	for JP		
		nsp	FUSE LABEL(T5A)	for JP		
		nsp	FUSE LABEL	for JP		
		nsp	FUSE LABEL	for JP		
		nsp	FUSE LABEL(T4AL)	for E2		
		nsp	FUSE LABEL(T3.15AL)	for E2		
		nsp	FUSE LABEL(T3.15AL)	for E2		
		nsp	FUSE LABEL(T4AL)	for E2		
		nsp	FUSE LABEL(T2AL)	for E2		
		nsp	FUSE LABEL(T3.15AL)	for E2		

1U-3827 AMP(L) P.W.B. UNIT ASS'Y(EU model)
1U-3827A AMP(L) P.W.B. UNIT ASS'Y(E2,JP model))

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	TR201	00D2710094919	2SA970(BL)TPE2			
	TR203-205	00D2710094919	2SA970(BL)TPE2			
	TR207,208	00D2710094919	2SA970(BL)TPE2			
	TR209	00D2730453006	2SC4001(M/L)			
	TR211,212	00D2730453006	2SC4001(M/L)			
	TR213	00D2710304007	2SA1546(M/L) TRANSISTOR			
	TR215,216	00D2710304007	2SA1546(M/L) TRANSISTOR			
	TR217	00D2730453006	2SC4001(M/L)			
	TR219,220	00D2730453006	2SC4001(M/L)			
	TR221	00D2730445001	2SC4495			
	TR223,224	00D2730445001	2SC4495			
	TR226	00D2730458904	KTC3200-BL-AT/P			
	TR228,229	00D2730458904	KTC3200-BL-AT/P			
	TR230,231	00D2710301903	KTA1268-BL-AT/P			
	TR233,234	00D2710301903	KTA1268-BL-AT/P			
	TR235	00D2730458904	KTC3200-BL-AT/P			
	TR237-239	00D2730458904	KTC3200-BL-AT/P			
	TR240	00D2710301903	KTA1268-BL-AT/P			
	TR241	00D2730458904	KTC3200-BL-AT/P			
	TR243-246	00D2730458904	KTC3200-BL-AT/P			
	TR401-408	00D2710094919	2SA970(BL)TPE2			
	TR409-412	00D2730453006	2SC4001(M/L)			
	TR413-416	00D2710304007	2SA1546(M/L) TRANSISTOR			
	TR417-420	00D2730453006	2SC4001(M/L)			
	TR421-424	00D2730445001	2SC4495			
	TR426-429	00D2730458904	KTC3200-BL-AT/P			
	TR430-434	00D2710301903	KTA1268-BL-AT/P			
	TR435-439	00D2730458904	KTC3200-BL-AT/P			
	TR440	00D2710301903	KTA1268-BL-AT/P			
	TR441-446	00D2730458904	KTC3200-BL-AT/P			
	D201	00D2760432903	1SS270A TE (TAPE)			
	D203-206	00D2760432903	1SS270A TE (TAPE)			
	D209-213	00D2760432903	1SS270A TE (TAPE)			
	D215,216	00D2760432903	1SS270A TE (TAPE)			
	D401-416	00D2760432903	1SS270A TE (TAPE)			
	ZD201,202	00D2760463901	HZS6C-1TD			
	ZD205-208	00D2760463901	HZS6C-1TD			
	ZD401-408	00D2760463901	HZS6C-1TD			
	TH201,202	00D2790034041	PTH9M04BD222TS2F333			
	TH401,402	00D2790034041	PTH9M04BD222TS2F333			
RESISTORS GROUP						
	R217	00D2412380963	RD14B2E222JNBST			
	R219,220	00D2412380963	RD14B2E222JNBST			
	R229	00D2412380963	RD14B2E222JNBST			
	R231,232	00D2412380963	RD14B2E222JNBST			
	R253	00D2412435928	RD14B2E131GFRST			
	R254	00D2442671914	RS14B3D153JNBST(S)			
	R257	00D2412435928	RD14B2E131GFRST			
	R258	00D2442671914	RS14B3D153JNBST(S)			
	R259	00D2412435928	RD14B2E131GFRST			
	R260	00D2442671914	RS14B3D153JNBST(S)			
	R261	00D2412376980	RD14B2E560JNBST			
	R263,264	00D2412376980	RD14B2E560JNBST			
	R265	00D2412435928	RD14B2E131GFRST			
	R271	00D2412435928	RD14B2E131GFRST			
	R274	00D2412435928	RD14B2E131GFRST			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R277,278	00D2412387940	RD14B2E4R7JNBST			
	R281-284	00D2412387940	RD14B2E4R7JNBST			
	R285,286	00D2462099013	RK92=3AR22JS			
	R289-292	00D2462099013	RK92=3AR22JS			
	R329	00D2442671956	RS14B3DR47JNBST(S)			
	R331,332	00D2442671956	RS14B3DR47JNBST(S)			
	R333	00D2442671930	RS14B3D200JNBST(S)			
	R335-337	00D2442671930	RS14B3D200JNBST(S)			
	R339,340	00D2442671930	RS14B3D200JNBST(S)			
	R354	00D2442051961	RS14B3A101JNBST(S)			
	R360	00D2412387940	RD14B2E4R7JNBST			
	R417-420	00D2412380963	RD14B2E222JNBST			
	R429-432	00D2412380963	RD14B2E222JNBST			
	R453	00D2412435928	RD14B2E131GFRST			
	R454	00D2442671914	RS14B3D153JNBST(S)			
	R455	00D2412435928	RD14B2E131GFRST			
	R456	00D2442671914	RS14B3D153JNBST(S)			
	R457	00D2412435928	RD14B2E131GFRST			
	R458	00D2442671914	RS14B3D153JNBST(S)			
	R459	00D2412435928	RD14B2E131GFRST			
	R460	00D2442671914	RS14B3D153JNBST(S)			
	R461-464	00D2412376980	RD14B2E560JNBST			
	R465	00D2412435928	RD14B2E131GFRST			
	R468	00D2412435928	RD14B2E131GFRST			
	R471	00D2412435928	RD14B2E131GFRST			
	R474	00D2412435928	RD14B2E131GFRST			
	R477-484	00D2412387940	RD14B2E4R7JNBST			
	R485-492	00D2462099013	RK92=3AR22JS			
	R529-532	00D2442671956	RS14B3DR47JNBST(S)			
	R533-540	00D2442671930	RS14B3D200JNBST(S)			
	R554	00D2442051961	RS14B3A101JNBST(S)			
	R560	00D2412387940	RD14B2E4R7JNBST			
	VR201	00D2116157900	V06QB472T			
	VR203,204	00D2116157900	V06QB472T			
	VR401-404	00D2116157900	V06QB472T			
CAPACITORS GROUP						
	C201	00D2544583900	CE04W1H010MT(ROB)			
	C202,203	00D2544583942	CE04W1H100MT(ROB)	for EU		
	C202	00D2544583942	CE04W1H100MT(ROB)	for E2,JP		
	C204-205	00D2544583942	CE04W1H100MT(ROB)			
	C206	00D2554252959	CQ93P2A221JT(NH2)			
	C208-210	00D2554252959	CQ93P2A221JT(NH2)			
	C212,213	00D2554252959	CQ93P2A221JT(NH2)			
	C214	00D2554254999	CQ93P2A222JT(NH2)			
	C216,217	00D2554254999	CQ93P2A222JT(NH2)			
	C218	00D2544579707	CE04W1H221MC(RA3)			
	C220	00D2544579707	CE04W1H221MC(RA3)			
	C221	00D2544580709	CE04W1H221MC(ROB)			
	C222	00D2551273944	CQ93M1H221KT(B)			
	C224,225	00D2551273944	CQ93M1H221KT(B)			
	C226	00D2554250964	CQ93P2A330JT(NH2)			
	C228,229	00D2554250964	CQ93P2A330JT(NH2)			
	C230	00D2554251976	CQ93P2A101JT(NH2)			
	C232,233	00D2554251976	CQ93P2A101JT(NH2)			
	C234	00D2534550901	CC45SL2H050CT			
	C236,237	00D2534550901	CC45SL2H050CT			
	C238	00D2544574922	CE04W1H101MT(RA3)	for EU		
	C238	00D2544580712	CE04W1H101MC(ROB)	for E2,JP		
	C239	00MOF15471541	APSV 471J,470PF(TP) 100V PP			
	C242	00D2544574922	CE04W1H101MT(RA3)	for EU		
	C242	00D2544580712	CE04W1H101MC(ROB)	for E2,JP		
	C243	00MOF15471541	APSV 471J,470PF(TP) 100V PP			
	C244	00D2544699904	CE04W1E101MT(R2A)	for EU		

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C244	00D2544580712	CE04W1H101MC(ROB)	for E2,JP		
	C245	00MOF15471541	APSV 471J,470PF(TP) 100V PP			
	C250	00MOF15333541	APSV 333,0.033uF(TP) 100V PP			
	C252-254	00MOF15333541	APSV 333,0.033uF(TP) 100V PP			
	C256,257	00MOF15333541	APSV 333,0.033uF(TP) 100V PP			
	C258	00D2554254915	CQ93P2A102JT(NH2)			
	C260,261	00D2554254915	CQ93P2A102JT(NH2)			
	C262	00D2551265936	CQ93M1H103JT(B)			
	C263	00D2544525913	CE04W1H470MT SMG/RE3			
	C264	00D2551265936	CQ93M1H103JT(B)			
	C266,267	00D2551265936	CQ93M1H103JT(B)			
	C268	00D2544587702	CE04W2A470MC(RA3)			
	C269	00D2544533950	CE04W0J471MT SMG/RE3			
	C271,272	00D2544533950	CE04W0J471MT SMG/RE3			
	C273	00D2544525913	CE04W1H470MT SMG/RE3			
	C274	00D2544698905	CE04W1V470MT(R2A)	for EU		
	C274	00D2544525913	CE04W1H470MT SMG/RE3	for E2,JP		
	C275-278	00D2544586949	CE04W2A100MT(RA3)	for EU		
	C275-278	00D2544581915	CE04W2A100MT(ROB)	for E2,JP		
	C279,280	00D2544581915	CE04W2A100MT(ROB)			
	C283	00D2544699904	CE04W1E101MT(R2A)	for EU only		
	C401	00D2544583900	CE04W1H010MT(ROB)			
	C402-405	00D2544583942	CE04W1H100MT(ROB)			
	C406-413	00D2554252959	CQ93P2A221JT(NH2)			
	C414-417	00D2554254999	CQ93P2A222JT(NH2)			
	C418	00D2544580709	CE04W1H221MC(ROB)			
	C419-421	00D2544579707	CE04W1H221MC(RA3)			
	C422-425	00D2551273944	CQ93M1H221KT(B)			
	C426-429	00D2554250964	CQ93P2A330JT(NH2)			
	C430-433	00D2554251976	CQ93P2A101JT(NH2)			
	C434-437	00D2534550901	CC45SL2H050CT			
	C438	00D2544574922	CE04W1H101MT(RA3)	for EU		
	C438	00D2544580712	CE04W1H101MC(ROB)	for E2,JP		
	C439	00MOF15471541	APSV 471J,470PF(TP) 100V PP			
	C440	00D2544574922	CE04W1H101MT(RA3)	for EU		
	C440	00D2544580712	CE04W1H101MC(ROB)	for E2,JP		
	C441	00MOF15471541	APSV 471J,470PF(TP) 100V PP			
	C442	00D2544699904	CE04W1E101MT(R2A)	for EU		
	C442	00D2544580712	CE04W1H101MC(ROB)	for E2,JP		
	C443	00MOF15471541	APSV 471J,470PF(TP) 100V PP			
	C444	00D2544574922	CE04W1H101MT(RA3)	for EU		
	C444	00D2544580712	CE04W1H101MC(ROB)	for E2,JP		
	C445	00MOF15471541	APSV 471J,470PF(TP) 100V PP			
	C450-457	00MOF15333541	APSV 333,0.033uF(TP) 100V PP			
	C458-461	00D2554254915	CQ93P2A102JT(NH2)			
	C462	00D2551265936	CQ93M1H103JT(B)			
	C463	00D2544525913	CE04W1H470MT SMG/RE3			
	C464-467	00D2551265936	CQ93M1H103JT(B)			
	C468	00D2544587702	CE04W2A470MC(RA3)			
	C469-472	00D2544533950	CE04W0J471MT SMG/RE3			
	C473,474	00D2544525913	CE04W1H470MT SMG/RE3			
	C475-482	00D2544586949	CE04W2A100MT(RA3)	for EU		
	C475-482	00D2544581915	CE04W2A100MT(ROB)	for E2,JP		
	C483	00D2544699904	CE04W1E101MT(R2A)	for EU only		
OTHERS PARTS GROUP						
	AS101-104	nsp	PVC TUBE(L=25)			
	AS301-304	nsp	PVC TUBE(L=25)			
	CW201	nsp	2P 320mm SDN-SDN			
	CW202	nsp	2P 280mm SDN-SDN			
	CW203	nsp	2P 180mm SDN-SDN			
	CW205	nsp	2P 230mm SDN-SDN			
	CW208	nsp	2P 190mm SDN-SDN			
	CW216	nsp	2P 110mm SDN-SDN			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CW217	nsp	2P 180mm SDN-SDN			
	CW218	nsp	2P 280mm SDN-SDN			
	CW219	nsp	2P 320mm SDN-SDN			
	CW220	nsp	2P 230mm SDN-SDN			
	CW221	nsp	2P 190mm SDN-SDN			
	CW316-318	nsp	3P 90mm SCN-SCN			
	CW320-323	nsp	3P 90mm SCN-SCN			
	CW732	nsp	7P 200mm SDN-SDN			
	CW738	nsp	7P 200mm SDN-SDN			
	CX122	nsp	12P CONN.BASE(KR-PH)			
	CX125	nsp	12P CONN.BASE(KR-PH)			
	L201	00D2350191007	INDUCTOR(1MH)			
	L203,204	00D2350191007	INDUCTOR(1MH)			
	L401-404	00D2350191007	INDUCTOR(1MH)			
	ST101-103	nsp	STYLE PIN			
	ST301-303	nsp	STYLE PIN			
	TP201-203	nsp	3P NH CONNECTOR BASE			
	TP205	nsp	3P NH CONNECTOR BASE			
	TP401-404	nsp	3P NH CONNECTOR BASE			
	TP405	nsp	3P NH CONNECTOR BASE			
	CN100,101	nsp	6P PIN HEADER(6035)			
	CN104-107	nsp	6P PIN HEADER(6035)			
	CN300-307	nsp	6P PIN HEADER(6035)			

1U-3828 RECTIFIERE P.W.B. UNIT ASS'Y(EU model)
1U-3828A RECTIFIERE P.W.B. UNIT ASS'Y(E2 model)
1U-3828C RECTIFIERE P.W.B. UNIT ASS'Y(JP model)

	Ref. No.	PartNo.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	D501-504	00D2760681000	FMG-22S			
	D505-521	00D2760704903	1SR35-400A(T93X)			
RESISTORS GROUP						
	R501-506	00D2432039032	RW99=3H0R1K			
CAPACITORS GROUP						
	C501	00D2544583900	CE04W1H010MT(ROB)			
	C502-505	00D2551264908	CQ93M1H102JT(B)	for EU		
	C502-505	00D2554254915	CQ93P2A102JT(NH2)	for E2,JP		
	C506,507	00D2546243701	CE68W--333MC(***)			
	C508-510	00D2561064907	CF93A2E334KT(B)L=16			
	C511-524	00D2551264908	CQ93M1H102JT(B)	for EU		
	C511-524	00D2554254915	CQ93P2A102JT(NH2)	for E2,JP		
	C525-542	00D2570043906	CK73U2J2E221JT(2125)			
	C543	00D2551264908	CQ93M1H102JT(B)	for EU		
	C543	00D2554254915	CQ93P2A102JT(NH2)	for E2,JP		
	C544,545	00D2570043906	CK73U2J2E221JT(2125)			
	C546,547	00D2551264908	CQ93M1H102JT(B)	for EU		
	C546,547	00D2554254915	CQ93P2A102JT(NH2)	for E2,JP		
	C548,549	00D2570043906	CK73U2J2E221JT(2125)			
	C550	00D2551264908	CQ93M1H102JT(B)	for EU		
	C550	00D2554254915	CQ93P2A102JT(NH2)	for E2,JP		
OTHERS PARTS GROUP						
	AS501	nsp	RADIATOR			
	AS502	nsp	3X8 CPS(SW,W) ZNP			
	AS503	nsp	RADIATOR			
	AS504	nsp	3X8 CPS(SW,W) ZNP			
	AS505	nsp	RADIATOR			
	AS506	nsp	3X8 CPS(SW,W) ZNP			
	AS507	nsp	RADIATOR			
	AS508	nsp	3X8 CPS(SW,W) ZNP			
	CW108	nsp	10P CON.SOCKET TUC-P	for E2		
	CW206	nsp	2P SDN-SDN CON.CORD			
	CW222	nsp	2P 220mm SCN-SCN	for E2		
	CX105	nsp	10P CON.BASE(KR-PH)			
	CX108	nsp	10P CON.BASE TUC-P	for E2		
	CX905	nsp	9P CONN.BASE(KR-PH)			
	CY906	nsp	9P CONNE. BASE(RED)			
	RL501,502	00D2140235018	RELAY(VSB-24STB)	for E2		
	RL503-519	00D2140195006	RELAY FTR-F1			
	ST501-506	nsp	STYLE PIN			
	TP510	nsp	3P NH CONNECTOR BASE			
	W501	nsp	1P 140mm SIN			
	W512,513	nsp	M3 SCREW TERMINAL	for E2		
	W514-516	nsp	M3 SCREW TERMINAL			
	W518-520	nsp	M3 SCREW TERMINAL	for E2		
	W522,523	nsp	1P 120mm SIN			
	W531-535	nsp	M3 SCREW TERMINAL	for E2		
	W541,542	nsp	M3 SCREW TERMINAL			

1U-3833 DIGITAL VIDEO P.W.B. UNIT ASS'Y

(This P.W.B. UNIT is replaced by ASS'Y level.)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101	nsp	SII9185CTU			
	IC102	nsp	AZ1117H-1.8TRE1			
	IC131	nsp	SII9185CTU			
	IC132	nsp	AZ1117H-1.8TRE1			
	IC151	nsp	SII9135CTU			
	IC152	nsp	UPC2918BT1D-E1-AT			
	IC153	nsp	UPC2925BT1D-E1-AT			
	IC201	nsp	EP2C35F484C8N			
	IC202	nsp	FCXO-03L(27.000MHz)			
	IC203,204	nsp	UPC2925BT1D-E1-AT			
	IC205	nsp	FCXO-05(48.0MHZ)			
	IC206	nsp	LM2832XMY			
	IC207	nsp	LP2995M			
	IC208	nsp	M25P64-VMF6TG(DE96)			
	IC209	nsp	W9425G6DH-5			
	IC210	nsp	EPCS16SI16N			
	IC211	nsp	TC74VHC244FT			
	IC212,213	nsp	CDCVF2505PWR			
	IC301	nsp	EPM570F256C5N			
	IC332	nsp	UPC2918BT1D-E1-AT			
	IC333	nsp	SII9134CTU			
	IC334	nsp	SN74LV74APW-EL2 +C			
	IC362	nsp	UPC2918BT1D-E1-AT			
	IC363	nsp	SII9134CTU			
	IC458	nsp	SN65LVDS31PW +REF			
	IC460	nsp	SN65LVDS31PW +REF			
	IC501	nsp	AZ1117H-3.3TRE1			
	IC502	nsp	AZ1117H-2.5TRE1			
	IC505	nsp	UPC2925BT1D-E1-AT			
	IC506,507	nsp	AZ1117H-1.8TRE1			
	IC508	nsp	ADV7403BSTZ-110			
	IC510	nsp	ADV7320			
	IC511	nsp	NJM2566AV			
	IC701	nsp	TC7W241FU(TE12L)			
	IC702	nsp	FCXO-05(66.666MHz)			
	IC703	nsp	sxT2LF-400(Realta)			
	IC704-707	nsp	EM6AA320BI-4MSG			
	IC708	nsp	LP2995M			
	IC709	nsp	REALTA ROM ASSY (S29GL064A90TFIR40)	00DGEN8539		
	IC710,711	nsp	EN5360DI-T			
	IC712	nsp	EPM240T100C5N			
	TR101	nsp	KRC102S-RTK/P (10K-10K)			
	TR102	nsp	KRC104S-RTK/P (47K-47K)			
	TR103	nsp	KRC102S-RTK/P (10K-10K)			
	TR104	nsp	KRC104S-RTK/P (47K-47K)			
	TR105	nsp	KRC102S-RTK/P (10K-10K)			
	TR106,107	nsp	KRC104S-RTK/P (47K-47K)			
	TR131-133	nsp	KRC102S-RTK/P (10K-10K)			
	TR134-137	nsp	KRC104S-RTK/P (47K-47K)			
	TR151,152	nsp	KRC104S-RTK/P (47K-47K)			
	TR153	nsp	KRA104S-RTK/P (47K-47K)			
	TR154	nsp	KRC104S-RTK/P (47K-47K)			
	TR155	nsp	KRA104S-RTK/P (47K-47K)			
	TR201	nsp	KRC104S-RTK/P (47K-47K)			
	TR331	nsp	KTC3875S-GR-RTK/P			
	TR332	nsp	KRC104S-RTK/P (47K-47K)			
	TR361	nsp	KRC104S-RTK/P (47K-47K)			
	TR451	nsp	2SC3326(A/B) +C			

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ファームウエアをアップデートするときは、SDI で最終バージョンを確認して下さい。
サービス基板はアップデートして使用下さい。
When update Firmware, please confirm a last version in SDI.
Use the service board after updating it.

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	TR452-454	nsp	2SC2412KT96(S) +C			
	TR501,502	nsp	KRC104S-RTK/P (47K-47K)			
	TR504	nsp	KRC104S-RTK/P (47K-47K)			
	TR508-512	nsp	2SA1022-B +C			
	D101-105	nsp	ESD PROTECTOR(6802)			
	D107-109	nsp	ESD PROTECTOR(6802)			
	D111-113	nsp	ESD PROTECTOR(6802)			
	D115	nsp	ESD PROTECTOR(6802)			
	D116	nsp	KDS160-RTK/P			
	D117-137	nsp	ESD PROTECTOR(6802)			
	D151-159	nsp	ESD PROTECTOR(6802)			
	D163-186	nsp	ESD PROTECTOR(6802)			
	D187	nsp	KDS160-RTK/P			
	D192,193	nsp	KDS160-RTK/P			
	D201,202	nsp	KDS160-RTK/P			
	D203	nsp	RB060M-30			
	D204-206	nsp	KDS160-RTK/P			
	D301	nsp	KDS160-RTK/P			
	D331	nsp	RM73B--0R0KT +2125			
	D332,333	nsp	KDS160-RTK/P			
	D334-337	nsp	ESD PROTECTOR(6802)			
	D339-346	nsp	AVRL161A1R1NTB			
	D361	nsp	RM73B--0R0KT +2125			
	D362	nsp	KDS160-RTK/P			
	D363-366	nsp	ESD PROTECTOR(6802)			
	D368-375	nsp	AVRL161A1R1NTB			
	D451	nsp	KDS160-RTK/P			
	D701,702	nsp	RB521S-30TE61 +REF			
	ZD331	nsp	UDZS5.1B-TE17 +C			
	ZD361	nsp	UDZS5.1B-TE17 +C			
RESISTORS GROUP						
	R233,234	nsp	RM73B--153DT(1608)			
	R542,543	nsp	RM73B--621DT_1005			
	R571,572	nsp	RM73B--242DT_1005			
	R871-874	nsp	RM73B--103FT +1608			
	R991	nsp	RM73B--750FT			
	R992	nsp	RM73B--331FT			
	R993	nsp	RM73B--162FT			
	R996	nsp	RM73B--750FT			
	RE701	nsp	RM73B--162FT			
	RE702	nsp	RM73B--331FT			
	RE703,704	nsp	RM73B--750FT			
	RE725	nsp	RM73B--162FT			
	RE726	nsp	RM73B--331FT			
	RE727,728	nsp	RM73B--750FT			
	RE752,753	nsp	RM73B--103FT +1608			
	RE755,756	nsp	RM73B--103FT +1608			
	RE760,761	nsp	RM73B--103FT +1608			
	RE765,766	nsp	RM73B--103FT +1608			
	RR502,503	nsp	RM73B--151FT_1608			
	RR504,505	nsp	RM73B--121FT +1608			
	RR506-511	nsp	RM73B--151FT_1608			
	RR514,515	nsp	RM73B--151FT_1608			
	VR504-508	nsp	V03PB471MT(EVM3VSX50BQ2)			
CAPACITORS GROUP						
	C101-104	nsp	CK73B0J475KT(P) +1608			
	C105,106	nsp	CK73B1A104KT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C107	nsp	CK73B1H102KT +1005			
	C108,109	nsp	CK73B0J475KT(P) +1608			
	C110,111	nsp	CK73B1H102KT +1005			
	C112-115	nsp	CK73B1A104KT +1005			
	C116	nsp	CK73B1H102KT +1005			
	C117	nsp	CK73B1A104KT +1005			
	C118,119	nsp	CK73B1H102KT +1005			
	C120-125	nsp	CK73B1A104KT +1005			
	C126,127	nsp	CK73B1H102KT +1005			
	C128,129	nsp	CK73B1A104KT +1005			
	C130	nsp	CK73B1H102KT +1005			
	C131,132	nsp	CK73B0J475KT(P) +1608			
	C133	nsp	CK73B1H102KT +1005			
	C134	nsp	CE67C0J101MT (RV2) +REF			
	C151,152	nsp	CK73B0J475KT(P) +1608			
	C153	nsp	CK73B1A104KT +1005			
	C154	nsp	CK73B1H102KT +1005			
	C155-165	nsp	CK73B1A104KT +1005			
	C166	nsp	CK73B1H102KT +1005			
	C167	nsp	CK73B1A104KT +1005			
	C168,169	nsp	CK73B0J475KT(P) +1608			
	C170-174	nsp	CK73B1A104KT +1005			
	C175,176	nsp	CC73CH1H150JT +1005			
	C177,178	nsp	CK73B1A104KT +1005			
	C179	nsp	CK73B1H102KT +1005			
	C180	nsp	CK73B1A104KT +1005			
	C181,182	nsp	CK73B0J475KT(P) +1608			
	C183	nsp	CK73B1H102KT +1005			
	C184-188	nsp	CK73B1A104KT +1005			
	C189,190	nsp	CK73B0J475KT(P) +1608			
	C191	nsp	CK73B1H102KT +1005			
	C192,193	nsp	CE67C0J220MT (RV2) +REF			
	C194	nsp	CE04W1E470MT E11(KY)			△3
	C201	nsp	CK73B1H102KT +1005			
	C202-205	nsp	CK73B0J475KT(P) +1608			
	C206	nsp	CK73B1H102KT +1005			
	C207	nsp	CK73B1A104KT +1005			
	C208,209	nsp	CK73B1H102KT +1005			
	C210,211	nsp	CK73B0J475KT(P) +1608			
	C212-214	nsp	CK73B1H102KT +1005			
	C215	nsp	CK73B0J475KT(P) +1608			
	C216	nsp	CK73B1H102KT +1005			
	C217,218	nsp	CK73B0J475KT(P) +1608			
	C219	nsp	CK73B1H102KT +1005			
	C220,221	nsp	CK73B0J475KT(P) +1608			
	C222	nsp	CK73B1H102KT +1005			
	C223	nsp	CK73B0J475KT(P) +1608			
	C224,225	nsp	CK73B1A104KT +1005			
	C226	nsp	CK73B1E103KT(1005)			
	C227	nsp	CK73B1A104KT +1005			
	C228	nsp	CC73CH1H101JT +1005			
	C229-231	nsp	CK73B1A104KT +1005			
	C232	nsp	CS77B1A100MT(NOJ)			
	C233,234	nsp	CK73B0J475KT(P) +1608			
	C236-244	nsp	CK73B1A104KT +1005			
	C245	nsp	CK73B1H102KT +1005			
	C246	nsp	CK73B1A104KT +1005			
	C247	nsp	CK73B1H102KT +1005			
	C248,249	nsp	CK73B1A104KT +1005			
	C250	nsp	CK73B1H102KT +1005			
	C251,252	nsp	CK73B0J475KT(P) +1608			
	C253	nsp	CK73B1A104KT +1005			
	C254	nsp	CK73B0J475KT(P) +1608			
	C255	nsp	CK73B1A104KT +1005			
	C256-258	nsp	CK73B0J475KT(P) +1608			
	C259,260	nsp	CS77B1A100MT(NOJ)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C261	nsp	CK73B0J475KT(P) +1608			
	C262,263	nsp	CS77B1A100MT(NOJ)			
	C264	nsp	CK73B0J475KT(P) +1608			
	C265	nsp	CS77B1A100MT(NOJ)			
	C266	nsp	CK73B0J475KT(P) +1608			
	C267	nsp	CS77B1A100MT(NOJ)			
	C268	nsp	CE67W0J101MT(P.CAP) +REF			
	C269,270	nsp	CK73B0J475KT(P) +1608			
	C271	nsp	CK73B1A104KT +1005			
	C272	nsp	CK73B1H102KT +1005			
	C273	nsp	CK73B1A104KT +1005			
	C274	nsp	CK73B1H102KT +1005			
	C275-284	nsp	CK73B1A104KT +1005			
	C287	nsp	CK73B1A104KT +1005			
	C289	nsp	CK73B1A104KT +1005			
	C290	nsp	CK73B1H102KT +1005			
	C291-295	nsp	CC73CH1H100DT +1608			
	C302,303	nsp	CK73B0J475KT(P) +1608			
	C304-311	nsp	CK73B1H102KT +1005			
	C312,313	nsp	CK73B1A104KT +1005			
	C333	nsp	CK73B1A104KT +1005			
	C451	nsp	CC73CH1H331JT +1608			
	C452	nsp	CC73CH1H221JT +1608			
	C453-463	nsp	CK73B1A104KT +1005			
	C473	nsp	CK73B1A104KT +1005			
	C476	nsp	CK73B1A104KT +1005			
	C480,481	nsp	CK73B1A104KT +1005			
	C501-503	nsp	CK73B1E104KT +1608			
	C504	nsp	CK73B1A104KT +1005			
	C505-508	nsp	CK73B0J475KT(P) +1608			
	C509,510	nsp	CK73B1A104KT +1005			
	C511,512	nsp	CK73B1E103KT(1005)			
	C513-516	nsp	CK73B1E104KT +1608			
	C517	nsp	CK73B1A104KT +1005			
	C518	nsp	CK73B1E104KT +1608			
	C519,520	nsp	CK73B1A104KT +1005			
	C521	nsp	CK73B1H102KT +1005			
	C522	nsp	CF73=1C823JT(ECHUX)			
	C523	nsp	CF73=1C103JT(ECHUX)			
	C524	nsp	CK73B1E103KT(1005)			
	C525,526	nsp	CC73CH1H120JT +1005			
	C527-532	nsp	CK73B1A104KT +1005			
	C533	nsp	CS77B1A100MT(NOJ)			
	C534	nsp	CK73B1A104KT +1005			
	C535,536	nsp	CE67C0J102MT (RV) +REF			
	C538,539	nsp	CE67C0J101MT (RV2) +REF			
	C540	nsp	CE67C0J102MT (RV) +REF			
	C541,542	nsp	CC73CH1H101JT +1005			
	C544	nsp	CK73B1A104KT +1005			
	C549	nsp	CK73B1A104KT +1005			
	C550,551	nsp	CK73B0J475KT(P) +1608			
	C553	nsp	CE67C0J101MT (RV2) +REF			
	C556-559	nsp	CE67C1C100MT +REF			
	C562	nsp	CK73B1E103KT(1005)			
	C565,566	nsp	CK73B1A104KT +1005			
	C568	nsp	CF73=1H821JT(ECHUX)			
	C570	nsp	CF73=1C392JT(ECHUX)			
	C572	nsp	CK73B1A104KT +1005			
	C578,579	nsp	CK73B1A104KT +1005			
	C580-583	nsp	CK73B0J475KT(P) +1608			
	C584-586	nsp	CK73B1A104KT +1005			
	C589	nsp	CK73B1A104KT +1005			
	C701,702	nsp	CK73B1A104KT +1005			
	C704	nsp	CS77B1A100MT(NOJ)			
	C705-710	nsp	CC73CH1H470JT			
	C711,712	nsp	CS77B1A100MT(NOJ)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C713	nsp	CK73B1A104KT +1005			
	C715	nsp	CE67C0J101MT (RV2) +REF			
	C716	nsp	CK73B1A104KT +1005			
	C717,718	nsp	CC73CH1H470JT			
	C719	nsp	CK73B1A104KT +1005			
	C720	nsp	CC73CH1H101JT +1608			
	C724	nsp	CS77B1A100MT(NOJ)			
	C725	nsp	CK73B1A104KT +1005			
	C726	nsp	CS77B1A100MT(NOJ)			
	C727	nsp	CK73B1A104KT +1005			
	C728	nsp	CS77B1A100MT(NOJ)			
	C729	nsp	CK73B1A104KT +1005			
	C730	nsp	CS77B1A100MT(NOJ)			
	C731,732	nsp	CK73B1A104KT +1005			
	C733	nsp	CS77B1A100MT(NOJ)			
	C734-737	nsp	CK73B1E103KT(1005)			
	C738-755	nsp	CK73B1A104KT +1005			
	C756	nsp	CS77B1A100MT(NOJ)			
	C757-774	nsp	CK73B1A104KT +1005			
	C775	nsp	CS77B1A100MT(NOJ)			
	C776-799	nsp	CK73B1A104KT +1005			
	C800	nsp	CS77B1A100MT(NOJ)			
	C817	nsp	CS77B1A100MT(NOJ)			
	C901-904	nsp	CC73CH1H470JT			
	C905	nsp	CC73CH1H200JT +1005			
	C906	nsp	CC73CH1H120JT +1005			
	C907,908	nsp	CK73B0J475KT(P) +1608			
	C909,910	nsp	CK73B1A104KT +1005			
	C911,912	nsp	CK73B1E103KT(1005)			
	C913,914	nsp	CK73B1H102KT +1005			
	C915,916	nsp	CC73CH1H101JT +1005			
	C917,918	nsp	CK73B1H102KT +1005			
	C919,920	nsp	CK73B1A104KT +1005			
	CC101-104	nsp	CK73B1A104KT +1005			
	CC105-109	nsp	CK73B1H102KT +1005			
	CC110-116	nsp	CK73B1A104KT +1005			
	CC117	nsp	CK73B1H102KT +1005			
	CC118,119	nsp	CK73B0J475KT(P) +1608			
	CC120	nsp	CK73B1H102KT +1005			
	CC121,122	nsp	CK73B1A104KT +1005			
	CC123,124	nsp	CK73B1H102KT +1005			
	CC125,126	nsp	CK73B0J475KT(P) +1608			
	CC127	nsp	CK73B1H102KT +1005			
	CC128,129	nsp	CK73B0J475KT(P) +1608			
	CC130,131	nsp	CK73B1A104KT +1005			
	CC132,133	nsp	CK73B0J475KT(P) +1608			
	CC134	nsp	CE67C0J101MT (RV2) +REF			
	CC151-155	nsp	CK73B1A104KT +1005			
	CC156,157	nsp	CK73B0J475KT(P) +1608			
	CC158,159	nsp	CK73B1A104KT +1005			
	CC160,161	nsp	CK73B0J475KT(P) +1608			
	CC162,163	nsp	CK73B1H102KT +1005			
	CC164,165	nsp	CK73B0J475KT(P) +1608			
	CC201-208	nsp	CK73B1H102KT +1005			
	CC209-216	nsp	CK73B1A104KT +1005			
	CC217-232	nsp	CK73B0J475KT(P) +1608			
	CC233-260	nsp	CK73B1H102KT +1005			
	CC261	nsp	CK73B1A104KT +1005			
	CC262,263	nsp	CK73B1H102KT +1005			
	CC264-290	nsp	CK73B1A104KT +1005			
	CC291	nsp	CK73B0J475KT(P) +1608			
	CC292,293	nsp	CK73B1A104KT +1005			
	CC294-298	nsp	CK73B0J475KT(P) +1608			
	CC305,306	nsp	CK73B0J475KT(P) +1608			
	CC307,308	nsp	CK73B1A104KT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CC309,310	nsp	CK73B0J475KT(P) +1608			
	CC311,312	nsp	CK73B1H102KT +1005			
	CC313-315	nsp	CK73B1A104KT +1005			
	CC316-322	nsp	CK73B1H102KT +1005			
	CC323-328	nsp	CK73B1A104KT +1005			
	CC329,330	nsp	CK73B1H102KT +1005			
	CC331	nsp	CK73B1A104KT +1005			
	CC332-335	nsp	CK73B1H102KT +1005			
	CC336-339	nsp	CK73B1A104KT +1005			
	CC340-347	nsp	CK73B0J475KT(P) +1608			
	CC355,356	nsp	CK73B0J475KT(P) +1608			
	CC357,358	nsp	CK73B1A104KT +1005			
	CC359,360	nsp	CK73B0J475KT(P) +1608			
	CC363,364	nsp	CK73B1H102KT +1005			
	CC365-367	nsp	CK73B1A104KT +1005			
	CC368-374	nsp	CK73B1H102KT +1005			
	CC375-380	nsp	CK73B1A104KT +1005			
	CC381,382	nsp	CK73B1H102KT +1005			
	CC383	nsp	CK73B1A104KT +1005			
	CC384-387	nsp	CK73B1H102KT +1005			
	CC388-391	nsp	CK73B1A104KT +1005			
	CC392-399	nsp	CK73B0J475KT(P) +1608			
	CC501-504	nsp	CK73B0J475KT(P) +1608			
	CC505,506	nsp	CK73B1H102KT +1005			
	CC508	nsp	CK73B0J475KT(P) +1608			
	CC510-514	nsp	CK73B1H102KT +1005			
	CC516	nsp	CK73B1H102KT +1005			
	CC518	nsp	CK73B1H102KT +1005			
	CC519,520	nsp	CK73B0J475KT(P) +1608			
	CC522	nsp	CK73B0J475KT(P) +1608			
	CC524	nsp	CK73B0J475KT(P) +1608			
	CC525	nsp	CK73B1H102KT +1005			
	CC526,527	nsp	CK73B0J475KT(P) +1608			
	CC529	nsp	CK73B0J475KT(P) +1608			
	CC531,532	nsp	CK73B0J475KT(P) +1608			
	CC535	nsp	CK73B0J475KT(P) +1608			
	CC536	nsp	CK73B1E104KT +1608			
	CC537	nsp	CK73B1E103KT(1005)			
	CC538	nsp	CK73B1A104KT +1005			
	CC539	nsp	CK73B1E103KT(1005)			
	CC540	nsp	CK73B1E104KT +1608			
	CC541	nsp	CK73B0J475KT(P) +1608			
	CC542-545	nsp	CK73B1E103KT(1005)			
	CC701-722	nsp	CK73B1E103KT(1005)			
	CC723-732	nsp	CK73B1A104KT +1005			
	CC733,734	nsp	CS77B1A100MT(NOJ)			
	CC735-742	nsp	CK73B1E103KT(1005)			
	CC743-751	nsp	CK73B1A104KT +1005			
	CC752	nsp	CS77B1A100MT(NOJ)			
	CC753-760	nsp	CK73B1E103KT(1005)			
	CC761-769	nsp	CK73B1A104KT +1005			
	CC770	nsp	CS77B1A100MT(NOJ)			
	CC771-775	nsp	CK73B1E103KT(1005)			
	CC776-784	nsp	CK73B1A104KT +1005			
	CC785	nsp	CS77B1A100MT(NOJ)			
	CC786-794	nsp	CK73B1A104KT +1005			
	CC795	nsp	CS77B1A100MT(NOJ)			
	CC796,797	nsp	CK73B1E103KT(1005)			
	CC798	nsp	CK73B1A104KT +1005			
	CC799	nsp	CS77B1A470MT			
	CC800	nsp	CC73CH1H470JT			
	CC801	nsp	CE67C0J101MT (RV2) +REF			
	CC802	nsp	CC73CH1H470JT			
	CC803	nsp	CS77B1A470MT			
	CC804	nsp	CE67C0J101MT (RV2) +REF			
	CC805	nsp	CS77B1A100MT(NOJ)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CC806	nsp	CK73B1A104KT +1005			
	CC807	nsp	CK73B1E104KT +1608			
	CC808	nsp	CK73D0J476MT(3225)			
	CC809	nsp	CK73B1E104KT +1608			
	CC810	nsp	CK73D0J226MT(3216)			
	CC811	nsp	CK73B1H152KT +1005			
	CC812	nsp	CK73B1E104KT +1608			
	CC813	nsp	CK73D0J476MT(3225)			
	CC814	nsp	CK73B1E104KT +1608			
	CC815	nsp	CK73D0J226MT(3216)			
	CC816	nsp	CK73B1H152KT +1005			
	CC817	nsp	CK73D0J226MT(3216)			
	CC818,819	nsp	CS77B1A100MT(NOJ)			
	CC822	nsp	CK73B1E103KT(1005)			
	CC823	nsp	CK73B1H102KT +1005			
	CC824	nsp	CK73B1A104KT +1005			
	CC825	nsp	CK73B1E103KT(1005)			
	CC826	nsp	CK73B1H102KT +1005			
	CC827	nsp	CK73B1A104KT +1005			
	CC828	nsp	CK73D0J226MT(3216)			△3
OTHERS PARTS GROUP						
	CX705-708	nsp	70P CON.PLUG(9828)			
	FB101	nsp	E.FIL(BLM21PG221SN1)+2125			
	FB102	nsp	CHIP EMIFIL(11A121) +1608			
	FB131	nsp	E.FIL(BLM21PG221SN1)+2125			
	FB132	nsp	CHIP EMIFIL(11A121) +1608			
	FB151	nsp	CHIP EMIFIL(11A121) +1608			
	FB152	nsp	E.FIL(BLM21PG221SN1)+2125			
	FB153,154	nsp	CHIP EMIFIL(11A121) +1608			
	FB201-214	nsp	CHIP EMIFIL(11A121) +1608			
	FB331-334	nsp	CHIP EMIFIL(11A121) +1608			
	FB361-364	nsp	CHIP EMIFIL(11A121) +1608			
	FB701-705	nsp	FBMJ1608HS280NT +1608			
	JK101-106	00D2048719005	19P HDMI CONNECTOR			
	JK331,332	00D2048719005	19P HDMI CONNECTOR			
	L201	nsp	INDUCTOR(FLC32C220K)+3216			
	L202	nsp	INDUCTOR6.8uH(7E06N)-1			
	L501	nsp	RM73B20R0KT +3216			
	L503	nsp	RM73B20R0KT +3216			
	L504	nsp	INDUCTOR(FLC32C220K)+3216			
	L505	nsp	RM73B20R0KT +3216			
	RL331	nsp	RELAY(UB2-5NUN-L1)			
	TP451	nsp	7P FFC BASE(9610SC)			
	TP701	nsp	17P FFC BASE(9610SC)			
	W701-703	nsp	M3 SCREW TERMINAL			
	X151	nsp	FCX-03(28.322MHZ)			
	X501	nsp	FCX-03(28.6363MHz)			

1U-3837 DIGITAL REG P.W.B. UNIT ASS'Y(EU model)
1U-3837A DIGITAL REG P.W.B. UNIT ASS'Y (E2 model)
1U-3837C DIGITAL REG P.W.B. UNIT ASS'Y (JP model)

	Ref. No.	PartNo.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101-103	00D2650126002	TOP247YN	for EU,JP		
	IC101-103	00D2650123005	TOP246YN	for E2		
	IC105-107	00D2631256904	TA76432S(TPE6,F)			
	IC109,110	00D2631280006	SI-8008HFE			
	IC116	00D2631223005	PQ20RX11J00H			
	IC301-306	00D2623047008	PC123Y22			
	TR101-103	00D2710308906	2SA933ASTPS			
	TR105	00D2730464901	KTC3875S-GR-RTK/P			
	TR106,107	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR109-113	00D2730464901	KTC3875S-GR-RTK/P			
	TR116-118	00D2730464901	KTC3875S-GR-RTK/P			
	TR120	00D2690192902	KRC102S-RTK/P (10K-10K)			
	TR121	00D2690184907	KRA102S-RTK/P (10K-10K)			
	TR122	00D2690192902	KRC102S-RTK/P (10K-10K)			
	D101-106	00D2760729904	EM01AT (V1)			
	D109-114	00D2760729904	EM01AT (V1)			
	D120	00D2760813001	AP01C			
	D121-123	00D2760751901	1SR154-400TE25 +REF			
	D124-128	00D2760813001	AP01C			
	D129-131	00D2760803008	FMB-G19L			
	D132,133	00D2760818006	FMJ-2303			
	D142-146	00D2760794900	KDS160-RTK/P			
	D147,148	00D2760818006	FMJ-2303			
	D149-152	00D2760794900	KDS160-RTK/P			
	ZD111,112	00D2760683901	UDZS5.6B-TE17 +C			
	TH101-103	00D2790044002	NTH11D8R0LA			
RESISTORS GROUP						
	R102,103	00D2432091009	RW78A4A330J=(UL)			
	R124-126	00D2442675790	RS14B3D473JNBF (ERG)			
	R165	00D2472023914	RM73B--103DT(1608) +1608			
	R167	00D2472023914	RM73B--103DT(1608) +1608			
	R172,173	00D2472023927	RM73B--1652DT(1608) +1608			
	R175-177	00D2442055912	RS14B3AR47JNBST(S)			
	R210	00D2470046951	RM73B--202DT			
⚠	R410	00D2422009001	RC1/2 225K B(UL)	for EU only		
CAPACITORS GROUP						
⚠	C101-103	00D2538022707	CK45F2EAC103MC			
⚠	C105	00D2538029713	CK45F2EAC471KC(KX)	for EU,JP		
⚠	C106	00D2538029713	CK45F2EAC471KC(KX)	for EU,JP		
⚠	C109-111	00D2568038004	CF99--2EAC104M			
⚠	C115	00D2538029713	CK45F2EAC471KC(KX)	for EU,JP		
⚠	C115	00D2538029742	CK45F2EAC221KC(KX)	for E2		
⚠	C121-123	00D2538029713	CK45F2EAC471KC(KX)	for EU,JP		
⚠	C121-123	00D2538029742	CK45F2EAC221KC(KX)	for E2		
⚠	C125-127	00D2538029713	CK45F2EAC471KC(KX)	for EU,JP		
⚠	C125-127	00D2538029742	CK45F2EAC221KC(KX)	for E2		
⚠	C129,130	00D2538022707	CK45F2EAC103MC			
	C131-133	00D2544588714	CE04W2D221MC(KMG)	for EU,JP		
	C131-133	00D2544589713	CE04W2G101MC(KMG)	for E2		
	C135-137	00D2544410934	CE04W1H3R3MT(KMG)			
	C139	nsp	CK73B1E104KT +1608			
	C140	00D2561058971	CF93A1H104JT (JL)			

	Ref. No.	PartNo.	Part Name	Remarks	Q'ty	New
	C141	nsp	CK73B1E104KT +1608			
	C142	00D2561058971	CF93A1H104JT (JL)			
	C143	nsp	CK73B1E104KT +1608			
	C144	00D2561058971	CF93A1H104JT (JL)			
	C147-149	00D2568038004	CF99--2EAC104M			
⚠	C151,152	00D2538022707	CK45F2EAC103MC			
	C153-155	00D2544525913	CE04W1H470MT SMG/RE3			
	C179,180	00D2544770700	CE04W0J562MC K35(KY)			
	C182,183	00D2544770700	CE04W0J562MC K35(KY)			
	C185,186	134050053209S	CE04W1H122MC LN3(KY)			
	C187,188	00D2544770700	CE04W0J562MC K35(KY)			
	C190,191	00D2544770700	CE04W0J562MC K35(KY)			
	C193	00D2544713000	CE04W1E332MC(KY)			
	C196	nsp	CK73B1E104KT +1608			
	C197	00D2544770700	CE04W0J562MC K35(KY)			
	C198	nsp	CK73B1E104KT +1608			
	C199	00D2544770700	CE04W0J562MC K35(KY)			
	C204-206	00D2544577903	CE04W1C100MT(RA3)			
	C214	nsp	CK73B1E104KT +1608			
	C216	nsp	CK73B1E104KT +1608			
	C218	nsp	CK73B1E104KT +1608			
	C224	00D2544541955	CE04W1E221MT SMG/RE3			
	C225,226	00D2544327904	CE04W0J102MT(SMG)			
	C233	00D2544761722	CE04W1C822MC(SMQ)			
	C237,238	00D2544651913	CE04W0J102MT H15(KY)			
	C239	nsp	CK73B1E104KT +1608			
	C241	nsp	CK73B1E104KT +1608			
	C243	nsp	CK73B1E104KT +1608			
OTHERS PARTS GROUP						
	AS101	nsp	RADIATOR			
	AS102,103	nsp	RADIATOR	for EU,E2		
	AS102,103	nsp	RADIATOR	for JP		
	AS104-106	nsp	RADIATOR			
	AS107-109	nsp	RADIATOR(H=60)			
	AS110	nsp	RADIATOR(H=50)			
	AS201-203	nsp	3X8 CPS(SW,W) ZNP			
	AS204-206	nsp	3X6 CBS-Z			
	AS207-212	nsp	3X8 CPS(SW,W) ZNP			
	CW307,308	nsp	JL CONNECTOR(F-E)			
	CW310	nsp	JL CONNECTOR(F-E)			
	CW313	nsp	JL CONNECTOR(F-E)			
	CW324,325	nsp	JL CONNECTOR(F-E)			
	CW407	nsp	4P CON.SOCKET(TUC-P)			
	CX153	nsp	13P SOCKET(9120)			
	CX207	nsp	2P VH CON BASE (White)			
	CX209	nsp	2P VH CON BASE (Red)			
	CX211	nsp	2P VH CONNECTOR BASE			
	CX212	nsp	2P VH CON BASE (Blue)			
	CX213,214	nsp	2P VH CONNECTOR BASA			
	CX307,308	nsp	JL CONNECTOR(BT-E)			
	CX310	nsp	JL CONNECTOR(BT-E)			
	CX313	nsp	JL CONNECTOR(BT-E)			
	CX314,315	nsp	3P EH CONNECTOR BASE			
	CX324,325	nsp	JL CONNECTOR(BT-E)			
	CX407	nsp	4P CON.BASE(TUC-P)			
	CX408	nsp	4P CONN.BASE(KR-PH)			
	CX410	nsp	4P VH CON.BASE			
	CX604	nsp	6P VH CONNECTOR BASE			
	CX722	nsp	7P VH CONNECTOR BASE			
	CY329	nsp	3P CONNE.BASE(RED)			

	Ref. No.	PartNo.	Part Name	Remarks	Q'ty	New
⚠	F101	00D2061046014	FUSE 8A	for EU		
⚠	F101	00D2061015032	FUSE (2.5A)	for E2		
⚠	F101	00D2061052008	FUSE 8A	for JP		
⚠	F103	00D2061086029	FUSE 12A (UL/CSA/J)	for EU,JP		
⚠	F103	00D2061036011	FUSE (6.3A)	for E2		
⚠	F104-106	00D2061094037	FUSE(233)T2AL125V	for EU,JP		
⚠	F104-106	00D2061087073	FUSE (ET1.6A)	for E2		
	FF101	nsp	FUSE CLIP(TAPE)			
	FF103	nsp	FUSE CLIP(TAPE)	for E2		
	FF104-106	nsp	FUSE CLIP(TAPE)			
	FF113	nsp	FUSE HOLDER(DPS1)	for JP		
	FH101	nsp	FUSE CLIP(TAPE)			
	FH103	nsp	FUSE CLIP(TAPE)	for E2		
	FH104-106	nsp	FUSE CLIP(TAPE)			
	FH113	nsp	FUSE HOLDER(DPS1)	for EU,JP		
	L101,102	00D2320201008	COIL(C3B-A0577)			
	L301-303	00D2350157009	PLA10AN7720R7D2B			
⚠	RL801-807	00D2140241002	RELAY DL1SU TV-8			
⚠	T806-808	00D2330686008	SW TRANS (100/120)	for EU,JP		
⚠	T806-808	00D2330687007	SW TRANS(230)	for E2		
	W101-104	nsp	M3 SCREW TERMINAL			
	W201	nsp	2P 250mm SDN-SDN			
		nsp	FUSE LABEL	for JP		
		nsp	FUSE LABEL	for JP		
		nsp	FUSE LABEL	for JP		
		nsp	FUSE LABEL	for JP		
		nsp	FUSE LABEL	for JP		
		nsp	FUSE LABEL(T2.5AL)	for E2		
		nsp	FUSE LABEL SUB ASSY	for E2		
		nsp	FUSE LABEL(T1.6AL)	for E2		
		nsp	FUSE LABEL(T1.6AL)	for E2		
		nsp	FUSE LABEL(T1.6AL)	for E2		

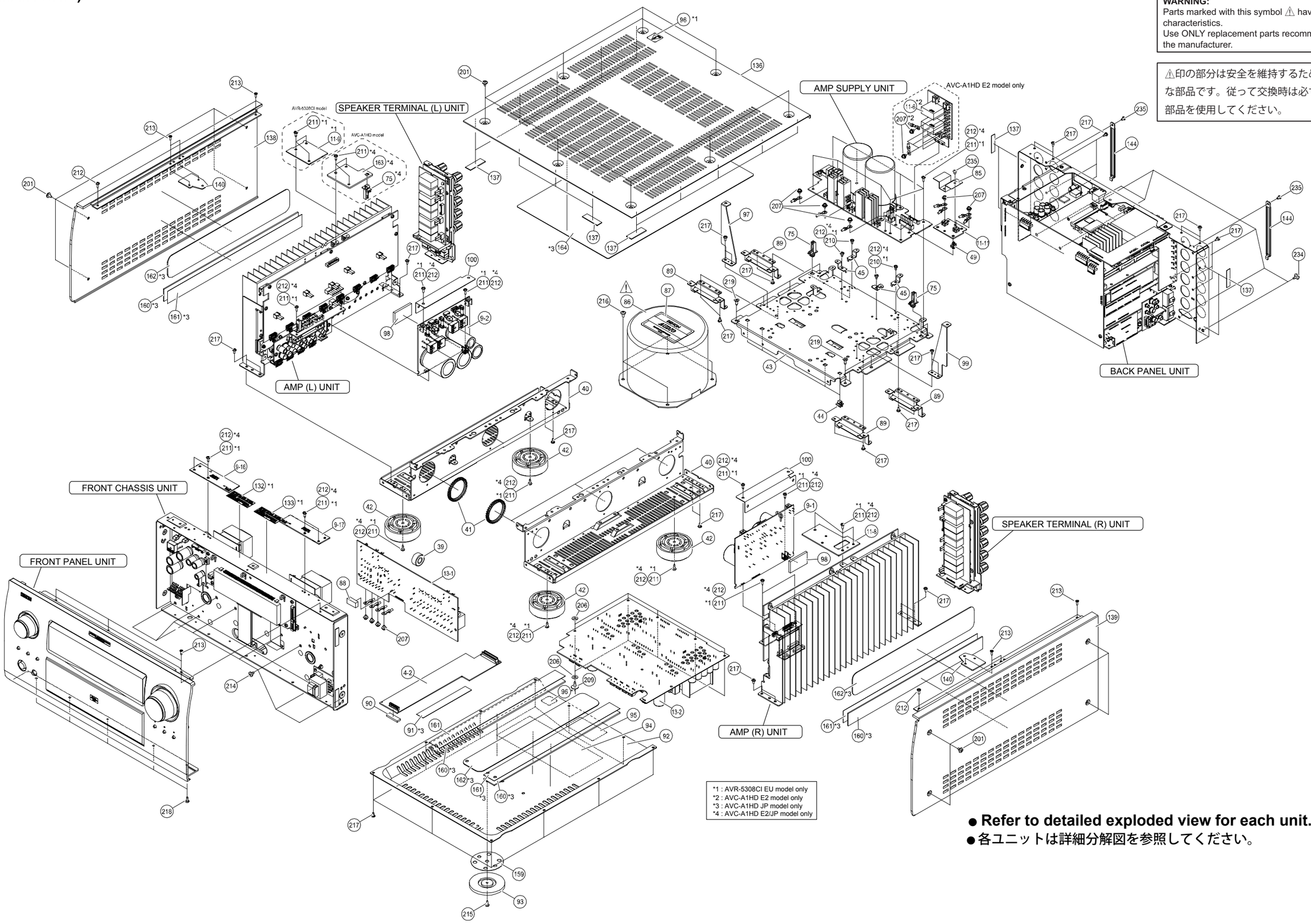
1U-3794A HD JOINT P.W.B. UNIT ASS'Y (EU model only)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
	IC101,102	00D2622517908	SN74LV08APW-EL2 +REF			
CAPACITORS GROUP						
	C105	nsp	CK73B1H102KT +1608			
	C106	nsp	CK73B1E104KT +1608			
	C111	nsp	CK73B1H102KT +1608			
	C112	nsp	CK73B1E104KT +1608			
OTHERS PARTS GROUP						
	CW101	nsp	1P WIRE(UL1007)			
	CX141	nsp	14P CON.BASE TUC-P			
	CX201	nsp	20P-SOCKETÅi9269)			
	CX501	nsp	50P-SOCKET (9269)			
	CX503	nsp	11P EH SID CON. BASE			
	JK103	00D2051417006	AM-ANTENNA TERMINAL			
	W101,102	nsp	M3 SCREW TERMINAL			
	W701	nsp	1P SIN CORD			
	W702	nsp	1P SIN CORD			
		nsp	RUBBER SHEET			

EXPLODED VIEWS (1/5)
(MAIN UNIT)

WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

⚠印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

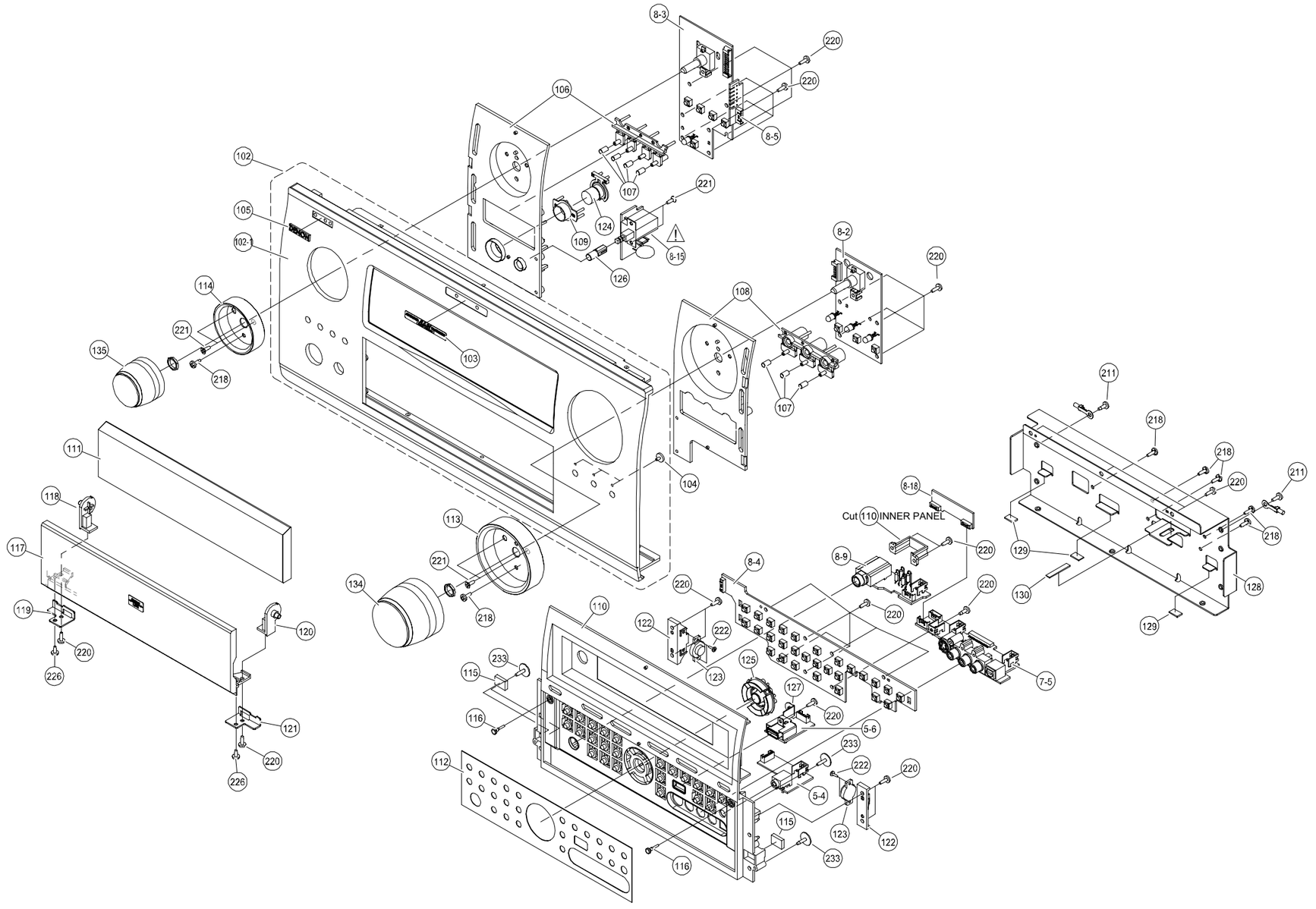


● **Refer to detailed exploded view for each unit.**
● 各ユニットは詳細分解図を参照してください。

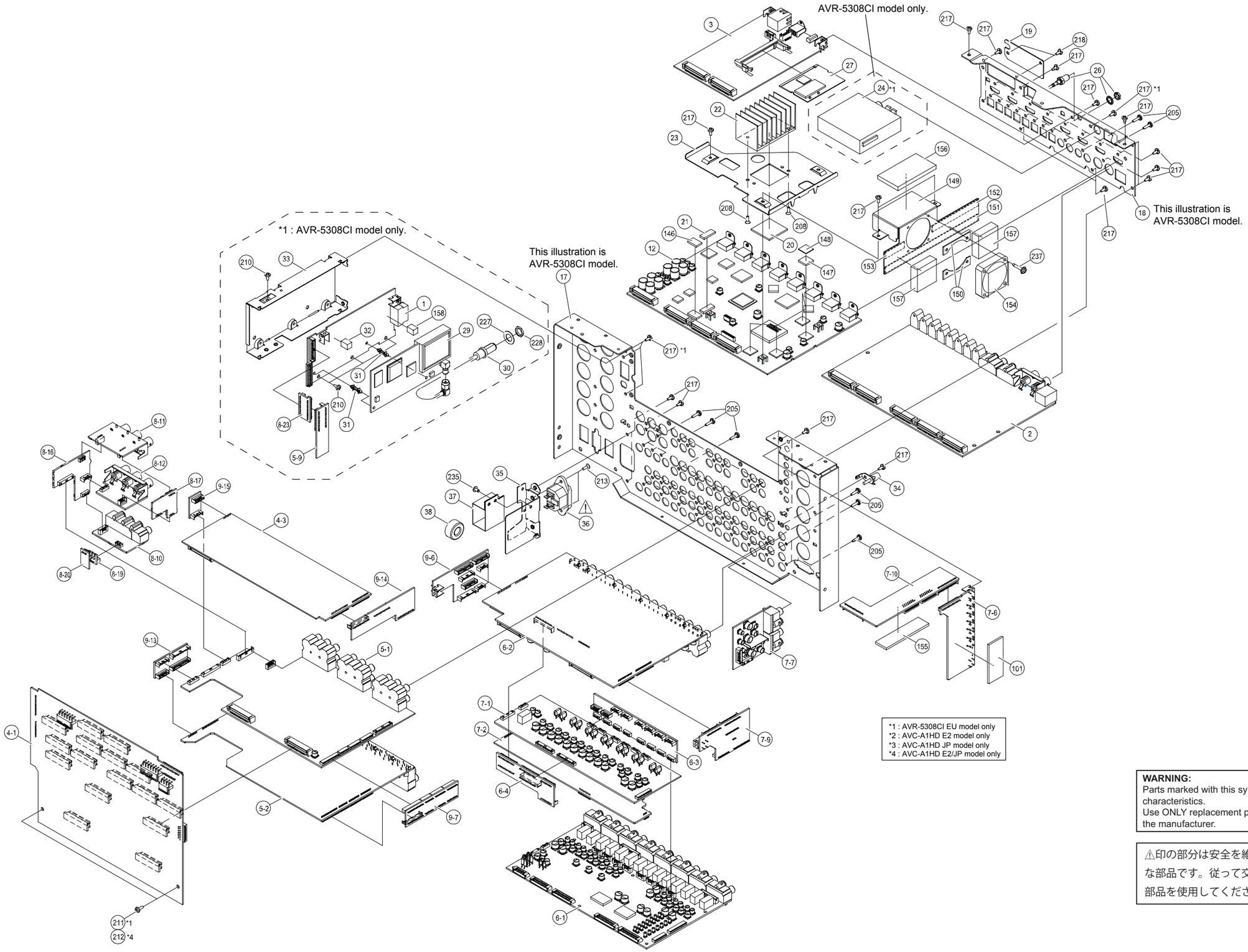
EXPLODED VIEWS (2/5)
(FRONT PANEL UNIT)

WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

⚠印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。



EXPLODED VIEWS (3/5)
(BACK PANEL UNIT)



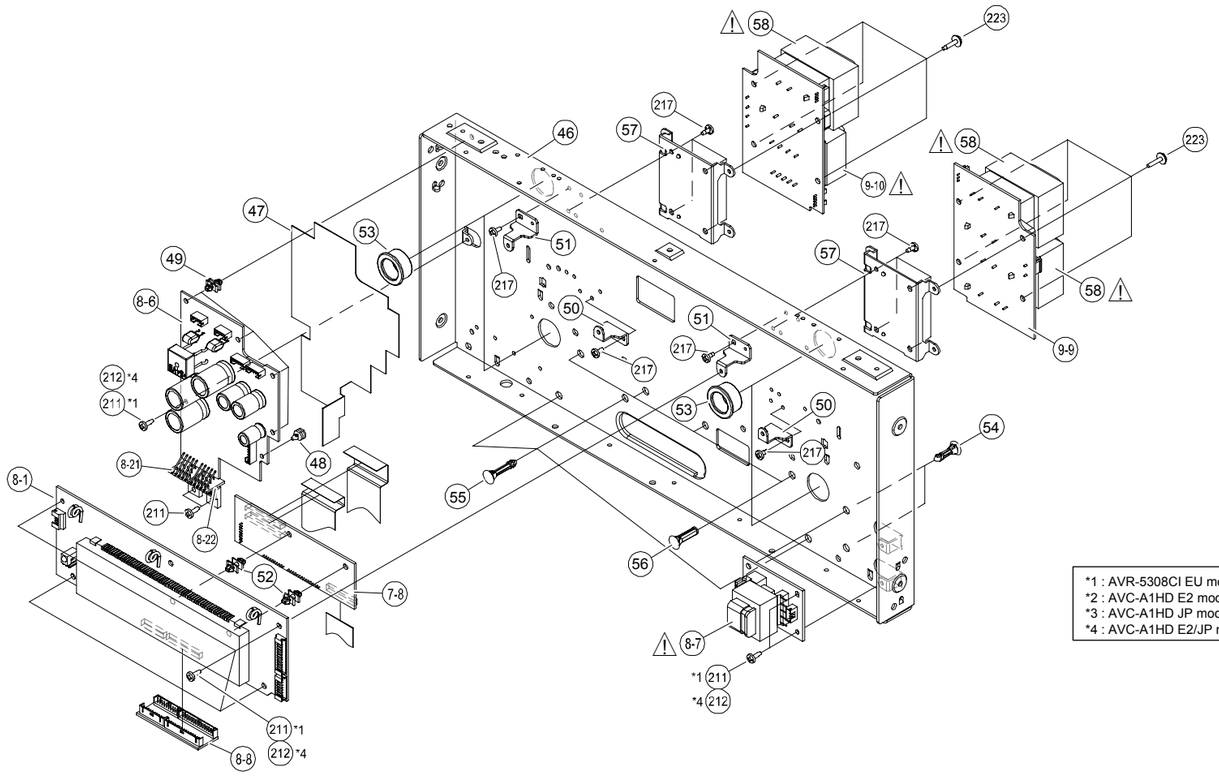
*1 : AVR-5308CI EU model only
*2 : AVC-A1HD E2 model only
*3 : AVC-A1HD JP model only
*4 : AVC-A1HD E2/JP model only

WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

⚠印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

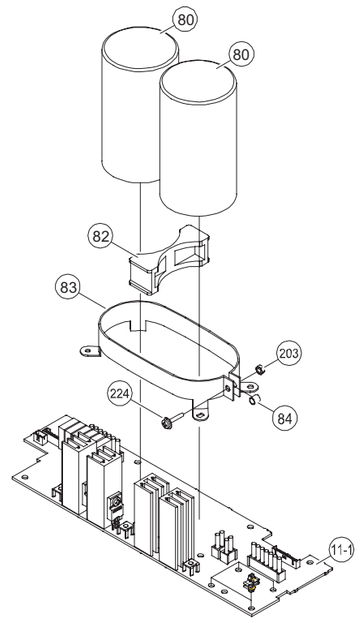
EXPLODED VIEWS (4/5)

(FRONT CHASSIS UNIT)



*1 : AVR-5308CI EU model only
*2 : AVC-A1HD E2 model only
*3 : AVC-A1HD JP model only
*4 : AVC-A1HD E2/JP model only

(AMP SUPPLY UNIT)

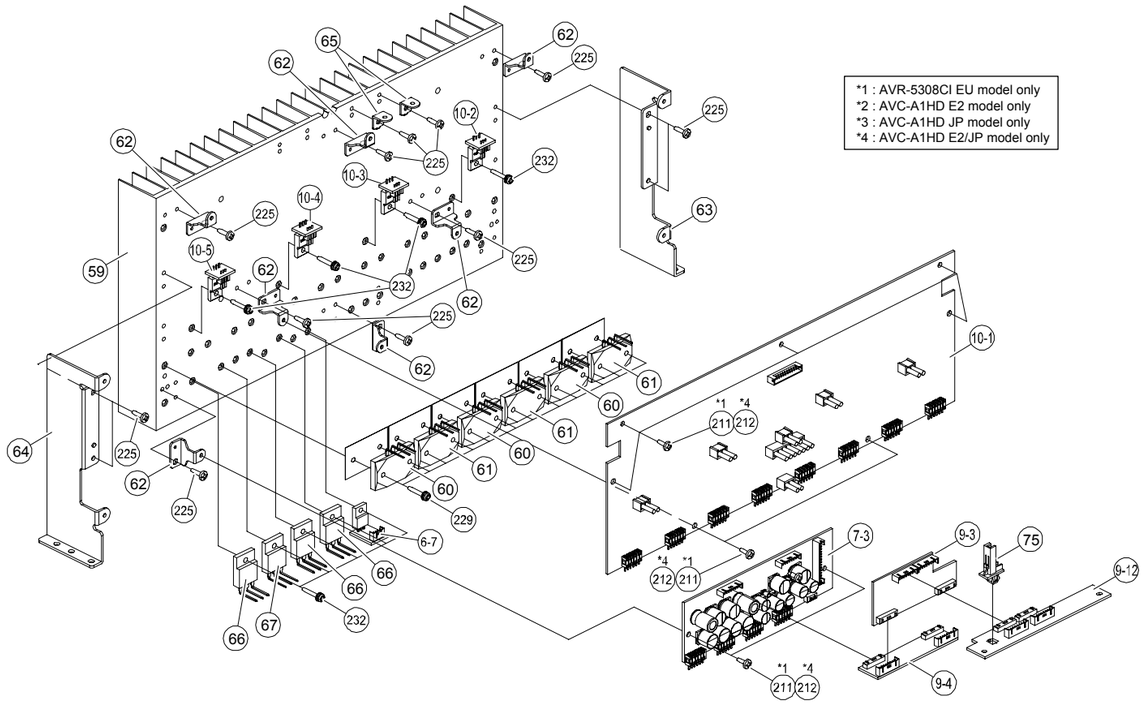


WARNING:
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Use ONLY replacement parts recommended by the manufacturer.

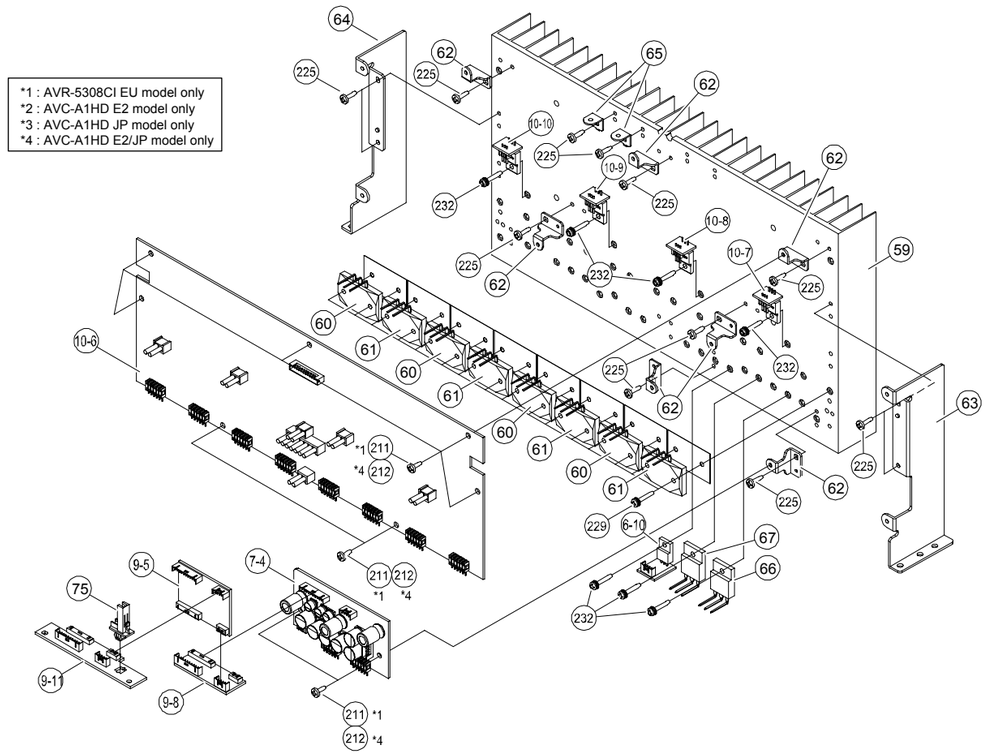
⚠印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

EXPLODED VIEWS (5/5)

(RADIATOR (L) UNIT)

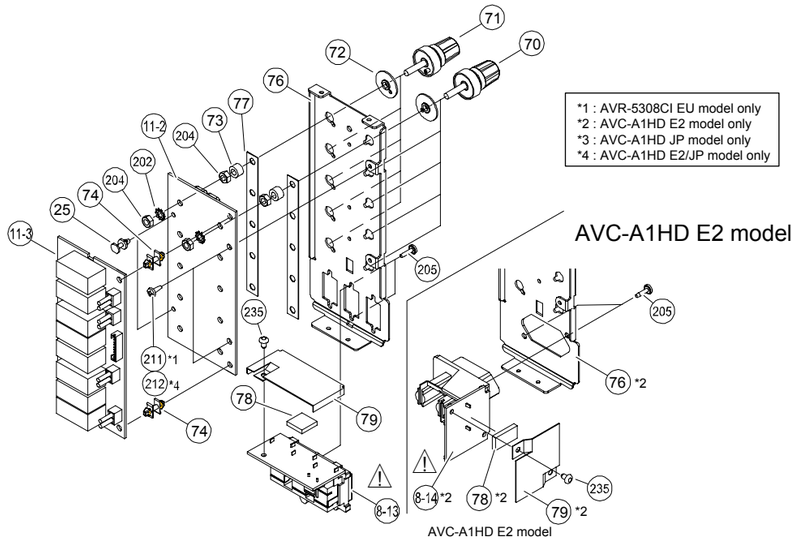


(RADIATOR (R) UNIT)

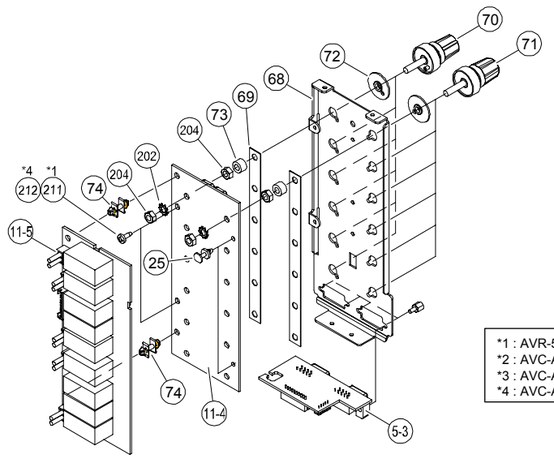


(SPEAKER TERMINAL (L) UNIT)

AVR-5308CI EU & AVC-A1HD JP model



AVC-A1HD E2 model



WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

⚠印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

--MEMO--

PARTS LIST OF EXPLODED VIEW

＊本表に "nsp" と記載されている部品は供給できません。
＊Parts for which "nsp" is indicated on this table cannot be supplied.
＊本表に "nsp" と記載されている基板 ASS'Y は供給できません。基板 ASS'Y の修理の際には基板部品表を確認のうえ、交換部品を発注してください。
＊P.W.B. ASS'Y for which "nsp" is indicated on this table cannot be supplied. When repairing the P.W.B. ASS'Y, check the board parts table and order replacement parts.
＊本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。
＊The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

Note: The symbols in the column "Remarks" indicate the following destinations.
EU : U.S.A. model(AVR-5308CI) E2 : Europe model(AVC-A1HD) JP : Japan model(AVC-A1HD)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	1	nsp	HD JOINT UNIT	for EU : 00D1U-3894A		
	2	00D1U-3818	DIGITAL AUDIO UNIT	for EU : 00D1U-3818		*
	2	00D1U-3818A	DIGITAL AUDIO UNIT	for E2,JP : 00D1U-3818A		*
	3	00D1U-3819	ETHERNET UNIT	for EU : 00D1U-3819		*
	3	00D1U-3819A	ETHERNET UNIT	for E2,JP : 00D1U-3819A		*
	4	nsp	CPU UNIT	for EU : 00D1U-3821		*
	4	nsp	CPU UNIT	for E2 : 00D1U-3821A		*
	4	nsp	CPU UNIT	for JP : 00D1U-3821C		*
	4-1	-	CPU UNIT			
	4-2	-	CPU FRONT UNIT			
	4-3	-	DAC MUTE UNIT			
	5	nsp	ANALOG VIDEO UNIT	for EU,E2 : 00D1U-3822		*
	5	nsp	ANALOG VIDEO UNIT	for JP : 00D1U-3822C		*
	5-1	-	COMPONENT UNIT			
	5-2	-	S&CVBS UNIT			
	5-3	-	232C UNIT			
	5-4	-	MIC UNIT			
	5-6	-	FRONT USB UNIT			
	5-9	-	HD CONNECT UNIT	for EU		
	6	nsp	ANALOG AUDIO UNIT	for EU : 00D1U-3823		*
	6	nsp	ANALOG AUDIO UNIT	for E2,JP : 00D1U-3823A		*
	6-1	-	PRE OUT UNIT			
	6-2	-	AUDIO IN UNIT			
	6-3	-	PRE CONNECT UNIT			
	6-4	-	AUDIO CONNECT UNIT			
	6-7	-	TR903 UNIT			
	6-10	-	TR906 UNIT			
	7	nsp	VOL/REG UNIT	for EU : 00D1U-3824		*
	7	nsp	VOL/REG UNIT	for E2,JP : 00D1U-3824A		*
	7-1	-	VOLUME UNIT			
	7-2	-	ZONE VOLUME UNIT			
	7-3	-	L SUPPLY UNIT			
	7-4	-	R SUPPLY UNIT			
	7-5	-	FRONT IN UNIT			
	7-6	-	TRIGGER UNIT			
	7-7	-	CD PHONO IN UNIT			
	7-8	-	FFC CONNECT UNIT			
	7-9	-	AUDIO CONNECT R UNIT			
	7-10	-	TRIGGER CONNECT UNIT			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
8	nsp	FRONT UNIT	for EU : 00D1U-3825		*
8	nsp	FRONT UNIT	for E2 : 00D1U-3825A		*
8	nsp	FRONT UNIT	for JP : 00D1U-3825C		*
8-1	-	FLD UNIT			
8-2	-	SOURCE ENCODER UNIT			
8-3	-	VOL ENCODER UNIT			
8-4	-	TACT SW UNIT			
8-5	-	TACT JOINT UNIT			
8-6	-	CPU/FLD SUPPLY UNIT			
8-7	-	STBY TRANS UNIT			
8-8	-	FRONT JOINT UNIT			
8-9	-	HEAD PHONE UNIT			
8-10	-	ZONE2 MONITOR UNIT			
8-11	-	BNC IN UNIT			
8-12	-	BNC OUT UNIT			
8-13	-	E3 OUTLET UNIT	for EU,JP		
8-14	-	E2 OUTLET UNIT	for E2		
8-15	-	POWER SW UNIT			
8-16	-	MONITOR CONNECT UNIT			
8-17	-	BNC CONNECT UNIT			
8-18	-	H/P JOINT UNIT			
8-19	-	ZONE2 CONNECT1 UNIT			
8-20	-	ZONE2 CONNECT2 UNIT			
8-21	-	IC104 UNIT			
8-22	-	IC105 UNIT			
8-23	-	HD-TUCP UNIT	for EU		
9	nsp	PRIMARY UNIT	for EU : 00D1U-3826		*
9	nsp	PRIMARY UNIT	for E2 : 00D1U-3826A		*
9	nsp	PRIMARY UNIT	for JP : 00D1U-3826C		*
9-1	-	R BLOCKCON UNIT			
9-2	-	L BLOCKCON UNIT			
9-3	-	L SUPPLY JOINT-2 UNIT			
9-4	-	L SUPPLY JOINT-1 UNIT			
9-5	-	R SUPPLY JOINT-2 UNIT			
9-6	-	AUDIO CONNECT L UNIT			
9-7	-	VIDEO CONNECT (R) UNIT			
9-8	-	R SUPPLY JOINT-3 UNIT			
9-9	-	VIDEO TRANS UNIT			
9-10	-	FLD TRANS UNIT			
9-11	-	R SUPPLY JOINT-1 UNIT			
9-12	-	L SUPPLY JOINT-3 UNIT			
9-13	-	VIDEO CONNECT(L)UNIT			
9-14	-	DAC MUTE CONNECT-L UNIT			
9-15	-	DAC MUTE CONNECT-R UNIT			
9-16	-	FRONT SUPPORT_L UNIT			
9-17	-	FRONT SUPPORT_R UNIT			
10	nsp	AMP (L) UNIT	for EU : 00D1U-3827		*
10	nsp	AMP (L) UNIT	for E2,JP : 00D1U-3827A		*
10-1	-	AMP L UNIT			
10-2	-	TR222 UNIT			
10-3	-	TR224 UNIT			
10-4	-	TR223 UNIT			
10-5	-	TR221 UNIT			
10-6	-	AMP R UNIT			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	10-7	-	TR422 UNIT			
	10-8	-	TR424 UNIT			
	10-9	-	TR423 UNIT			
	10-10	-	TR421 UNIT			
	11	nsp	RECTIFIERE UNIT	for EU : 00D1U-3828		*
	11	nsp	RECTIFIERE UNIT	for E2 : 00D1U-3828A		*
	11	nsp	RECTIFIERE UNIT	for JP : 00D1U-3828C		*
	11-1	-	AMP BLOCKCON UNIT			
	11-2	-	SP-L UNIT			
	11-3	-	SP-L RL UNIT			
	11-4	-	SP-R RL UNIT			
	11-5	-	SP-R UNIT			
	11-6	-	E2 B RELAY UNIT	for E2		
	11-8	-	R-SUPPLY JOINT UNIT			
	11-9	-	L-SUPPLY JOINT UNIT			
	11-11	-	M3 UNIT			
	12	00D1U-3833	DIGITAL VIDEO UNIT	00D1U-3833		*
	13	nsp	DIGITAL REG UNIT	for EU : 00D1U-3837		*
	13	nsp	DIGITAL REG UNIT	for E2 : 00D1U-3837A		*
	13	nsp	DIGITAL REG UNIT	for JP : 00D1U-3837C		*
	13-1	-	PRIMARY UNIT			
	13-2	-	SW REG UNIT			
	17	00D1051682201	BACK PANEL	for EU	1	*
	17	00D1051682227	BACK PANEL	for E2	1	*
	17	00D1051682243	BACK PANEL	for JP	1	*
	18	00D1051683103	REAR PLATE	for EU	1	*
	18	00D1051683129	REAR PLATE	for E2	1	*
	18	00D1051683132	REAR PLATE	for JP	1	*
	19	nsp	REAR PLATE(UPG)	for EU	1	*
	19	nsp	REAR PLATE(UPG)	for E2,JP	1	*
	20	nsp	COOLPROVIDE(CPVS-F-2.0)		1	*
	21	nsp	HEAT SHEET(GP1-[2])		1	*
	22	nsp	RADIATOR		1	*
	23	nsp	RADIATOR HOLDER	for EU	1	*
	23	nsp	RADIATOR HOLDER	for E2,JP	1	*
	24	00D2160129007	AM FM TUNER(E3 RDBS)	for EU	1	
	25	nsp	CARD SPACER (L=8)		5	
	26	00D0040015000	ANNTENA CABLE		1	*
	27	00D3991099004	WLAN MODULE(11CH)	for EU	1	*
	27	00D3991100003	WLAN MODULE(13CH)	for E2,JP	1	*
	28	nsp	FFC ID SUB ASSY	for EU	1	
	29	00D2160131008	AO-4KR(HD RADIO/AVR)	for EU	1	
	30	00D0040014001	F-TERMINAL ASSY	for EU	1	
	31	nsp	PCB HOLDER (WN-08F)	for EU	2	
	32	nsp	SPACER	for EU	1	
	33	nsp	FIX BRACKET	for EU	1	
	34	00D2051116006	TERMINAL ASS		1	
	35	nsp	AC SHIELD COVER	for EU,JP	1	*
⚠	36	00D2033996008	AC INLET (2P)	for EU,E2	1	
⚠	36	00D2033983008	AC INLET	for JP	1	
	37	nsp	AC INLET COVER		1	*
	38	nsp	LOW CUT CORE(TRM20)		1	*

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	39	nsp	LOW CUT CORE(TRM25)		1	
	40	nsp	SIDE CHASSIS	for EU	2	
	40	nsp	SIDE CHASSIS	for E2,JP	2	*
	41	nsp	FLEXIBLE BUSH		6	
	42	00D1462088122	FOOT ASS'Y		4	
	43	nsp	TRANS PLATE	for EU	1	*
	43	nsp	TRANS PLATE	for E2,JP	1	*
	44	nsp	P.C.B. SUPPORTER		4	
	45	nsp	PWB BRACKET (B)	for EU	4	
	45	nsp	PWB BRACKET(B)	for E2,JP	4	*
	46	nsp	FRONT CHASSIS	for EU	1	*
	46	nsp	FRONT CHASSIS	for E2,JP	1	*
	47	nsp	INSULATING SHEET		1	
	48	nsp	CARD SPACER (L=4)		1	
	49	nsp	PWB HOLDER		8	
	50	nsp	PWB BRACKET(FL)		2	*
	51	nsp	PWB BRACKET(FL)		2	*
	52	nsp	PCB. SUPPORT		2	
	53	nsp	BUSH		4	
	54	nsp	P.W.B.HOLDER (H=12)		2	
	55	nsp	PWB HOLDER (H=18)		3	
	56	nsp	CARD SPACER(L=18)		4	
	57	nsp	TRANS BRACKET S	for EU	2	*
	57	nsp	TRANS BRACKET S	for E2,JP	2	*
⚠	58	00D2336593001	CPU TRANS(E3)	T-801,T-802,T-803 for EU	3	*
⚠	58	00D2336594000	CPU TRANS(E2)	T-801,T-802,T-803 for E2	3	*
⚠	58	00D2330732004	CPU TRANS(JP)	T-801,T-802,T-803 for JP	3	*
	59	nsp	RADIATOR		2	*
	60	00D2720159006	MP1715(O/P/Y)LF(202)		7	
	61	00D2740199004	MN1715(O/P/Y)LF(202)		7	
	62	nsp	RADIATOR BRACKET(B)	for EU	14	*
	62	nsp	RADIATOR BRACKET(B)	for E2,JP	14	*
	63	nsp	RADIATOR BRACKET(A)	for EU	2	*
	63	nsp	RADIATOR BRACKET (A)	for E2,JP	2	*
	64	nsp	RADIATOR BRACKET(A)	for EU	2	*
	64	nsp	RADIATOR BRACKET (A)	for E2,JP	2	*
	65	nsp	L BRACKET	for EU	4	*
	65	nsp	L BRACKET	for E2,JP	4	*
	66	00D2720158007	KTB778-O-U/P	TR908	4	
	67	00D2740198005	KTD998-O-U/P	TR907	2	
	68	nsp	SP TERMINAL PLATE R		1	*
	69	nsp	SP TERMINAL SHEET 6P		2	*
	70	00D2051409001	1P SP TERMINAL RED		11	
	71	00D2051410003	1P SP TERMINAL BLUE		11	
	72	nsp	SP WASHER (A)		22	
	73	nsp	SP WASHER (B)		22	*
	74	nsp	PCB. SUPPORT		4	
	75	nsp	P.W.B CORNER HOLDER		4	
	76	nsp	SP TERMINAL PLATE L	for EU,JP	1	*
	76	nsp	SP TERMINAL PLATE L	for E2	1	*
	77	nsp	SP TERMINAL SHEET 5P		2	*
	78	nsp	RUBBER FOAM		1	*
	79	nsp	INSULATING COVER	for EU,JP	1	*
	79	nsp	INSULATING COVER	for E2	1	*
	80	00D2546243701	CE68W--333MC(***)	C-506,C-507	2	
	81	nsp	CHUKOH TAPE		640	

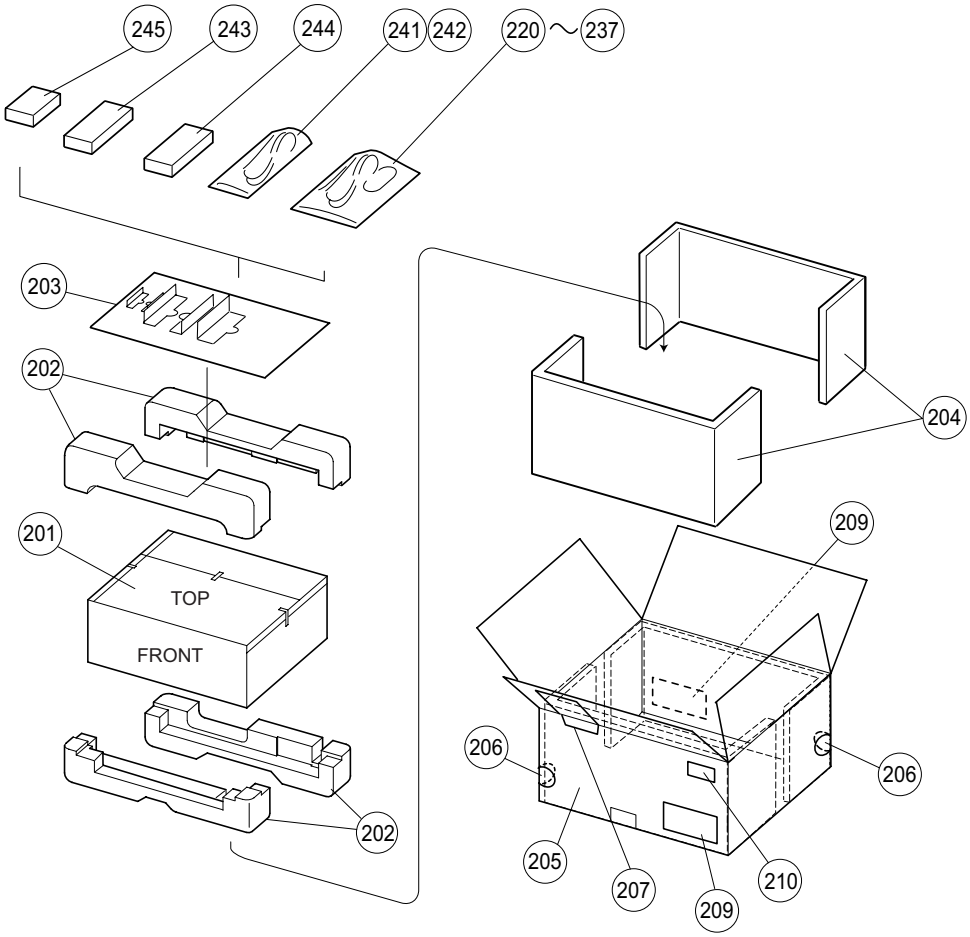
	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	82	nsp	SPACER		1	
	83	nsp	C. HOLDER	for EU	1	*
	83	nsp	C. HOLDER	for E2,JP	1	*
	84	nsp	COLLAR		1	
	85	nsp	INSULATING SHEET(TR)		1	*
⚠	86	00D2336596008	POWER TRANS(E3)	for EU	1	*
⚠	86	00D2336597007	POWER TRANS(E2)	for E2	1	*
⚠	86	00D2330733003	POWER TRANS(JP)	for JP	1	*
	87	00D5133333005	LABEL (TRANS)		1	
	88	nsp	RUBBER SHEET		1	
	89	nsp	PWB BRACKET (D)		4	*
	90	nsp	CUSHION		1	
	91	nsp	FUSE CAUTION LABEL	for EU	1	
	92	nsp	BOTTOM COVER	for EU	1	
	92	nsp	BOTTOM COVER	for E2,JP	1	
	93	00D1040345009	FOOT ASS'Y		1	
	94	nsp	LICENSE SUB ASSY	for EU	1	*
	94	nsp	LICENSE SUB ASSY	for E2,JP	1	*
	95	nsp	RATING SUB ASSY	for EU	1	*
	95	nsp	RATING SUB ASSY	for E2,JP	1	*
	96	nsp	DANGEROUS MARK	for EU	2	
	97	nsp	PWB HOLDER L	for EU	1	*
	97	nsp	PWB HOLDER L	for E2,JP	1	*
	98	nsp	RUBBER SHEET		2	*
	99	nsp	PWB HOLDER R	for EU	1	*
	99	nsp	PWB HOLDER R	for E2,JP	1	*
	100	nsp	INSULATING COVER(SL)		2	*
	101	nsp	RUBBER SHEET		1	*
	102	8S4021000400D	FRONT PANEL ASSY	for EU	1	*
	102	8S4021000401D	FRONT PANEL ASSY	for E2,JP	1	*
	102-1	nsp	FRONT PANEL	for EU	1	*
	102-1	nsp	FRONT PANEL	for E2,JP	1	*
	103	nsp	AL24 BADGE	for EU	1	
	103	nsp	AL24 BADGE	for E2,JP	1	
	104	nsp	LENS		3	
	105	nsp	DENON BADGE	for EU	1	*
	105	nsp	DENON BADGE	for E2,JP	1	*
	106	00D1462498204	KNOB BASE (L)	for EU	1	*
	106	00D1462498217	KNOB BASE (L)	for E2,JP	1	*
	107	00D1132093007	KNOB CAP (TACT)	for EU	7	*
	107	00D1132093023	KNOB CAP (TACT)	for E2,JP	6	*
	108	00D1462499203	KNOB BASE (R)	for EU	1	*
	108	00D1462499203	KNOB BASE (R)	for E2,JP	1	*
	109	nsp	LENS (POWER)		1	
	110	00D1462500105	INNER PANEL	for EU	1	*
	110	00D1462500118	INNER PANEL	for E2,JP	1	*
	111	00D1431284009	WINDOW		1	*
	112	00D1431285105	DOOR SHEET	for EU	1	*
	112	00D1431285118	DOOR SHEET	for E2,JP	1	*
	113	00D1140205007	KNOB RING (V)	for EU	1	*
	113	00D1140205010	KNOB RING (V)	for E2,JP	1	*
	114	00D1140206006	KNOB RING (F)	for EU	1	*
	114	00D1140206019	KNOB RING (F)	for E2,JP	1	*
	115	nsp	CLAMP MAGNET		2	
	116	nsp	DOOR STOPPER	for EU	2	
	116	nsp	DOOR STOPPER	for E2,JP	2	

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	117	00D1443020002	DOOR ASSY	for EU	1	*
	117	00D1443020015	DOOR ASSY	for E2	1	*
	117	00D1443020028	DOOR ASSY	for JP	1	*
	118	00D4010198102	HINGE (L)		1	
	119	nsp	CATCH PLATE (L)		1	*
	120	00D4010199101	HINGE (R)		1	
	121	nsp	CATCH PLATE (R)		1	*
	122	nsp	HOLDER		2	
	123	00D4210763010	GEAR DAMPER		2	
	124	00D1131992109	P.KNOB ASSY(SUB)	for EU	1	
	124	00D1131992138	P.KNOB ASSY(SUB)	for E2,JP	1	
	125	00D1132009321	CURSOR KNOB	for EU	1	*
	125	00D1132009318	CURSOR KNOB	for E2,JP	1	*
	126	00D1131994107	P.KNOB ASSY(MAIN)	for EU	1	
	126	00D1131994149	P.KNOB ASSY(MAIN)	for E2,JP	1	
	127	nsp	USB BRACKET		1	
	128	nsp	DOOR COVER		1	*
	129	nsp	RUBBER SHEET		3	*
	130	nsp	RUBBER SHEET		1	*
	★ 131	nsp	WIRE CLAMPER		38	
	132	nsp	FUSE CAUTION LABEL A	for EU	1	
	133	nsp	FUSE CAUTION LABEL B	for EU	1	
	134	00D1120994008	KNOB (V) ASSY	for EU	1	*
	134	00D1120994011	KNOB (V) ASSY	for E2,JP	1	*
	135	00D1120997005	KNOB (F) ASSY	for EU	1	*
	135	00D1120997018	KNOB (F) ASSY	for E2,JP	1	*
	136	00D1020632185	TOP COVER	for EU	1	*
	136	00D1020632198	TOP COVER	for E2,JP	1	*
	137	nsp	RUBBER PAD		21	
	138	00D1443016100	SIDE COVER (L)	for EU	1	*
	138	00D1443016113	SIDE COVER (L)	for E2,JP	1	*
	139	00D1443017109	SIDE COVER (R)	for EU	1	*
	139	00D1443017112	SIDE COVER (R)	for E2,JP	1	*
	140	nsp	SIDE PLATE		2	*
	★ 141	nsp	SERIAL NO. SHEET		1	
	★ 142	nsp	MAC ADDRESS SUB ASSY		1	
	★ 143	nsp	CAUTION LABEL		1	
	144	nsp	SCREW COVER		2	
	146	nsp	COOLPROVIDE(CPVS-F)		1	*
	147	nsp	COOLPROVIDE(CPVS)		4	*
	148	nsp	COOLPROVIDE(CPVS)		4	*
	149	nsp	FAN BRACKET	for EU	1	*
	149	nsp	FAN BRACKET	for E2,JP	1	*
	150	nsp	FAN DAMPER		2	*
	151	nsp	RUBBER SHEET		1	*
	152	nsp	RUBBER SHEET		1	*
	153	nsp	RUBBER SHEET		1	*
	154	00D4210839009	FAN F410T-12L1C		1	
	155	nsp	PUR FOAM		1	*
	156	nsp	PUR FOAM		1	*
	157	nsp	PUR FOAM		2	*
	158	nsp	RUBBER SHEET		1	*
	159	nsp	FOOT DAMPER		1	*
	160	nsp	BUTYL TAPE(W25 T2)	for E2,JP	-	
	161	nsp	NITOFLON TAPE(W25)	for E2,JP	-	

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	162	nsp	PLATE (T/C)	for E2,JP	3	
	163	nsp	SUPPORT PLATE	for E2,JP	1	*
	164	nsp	TOP PLATE	for E2,JP	1	*
	★ 165	nsp	PUSH RIVET	for E2	22	
WIRES						
	★	nsp	1P WIRE		1	
	★	nsp	1P WIRE		1	
	★	00D0090257038	15P FFC (1.25)	for EU	1	
	★	nsp	2C WIRE ASSY		1	
	★	nsp	3P EH-EH CORD	CX312	1	
	★	nsp	3P VH-VH CON.CORD	CX207	1	
	★	nsp	3P VH-VH CON.CORD	CX209	1	
	★	nsp	3P VH-VH CON.CORD	CX211	1	
	★	nsp	3P VH-VH CON.CORD	CX212	1	
	★	nsp	3P VH-VH CON.CORD	CX213 for JP	1	
	★	nsp	3P VH-VH CON.CORD	CX214	1	
	★	nsp	4P KR-KR RIBBON 475	CX409	1	
	★	nsp	5P KR-KR RIBBON 70	CX501	1	
	★	nsp	5P KR-KR RIBBON 125	CX507	1	
	★	nsp	5P PH-PH CON.CORD	CX530	1	
	★	nsp	10P PH-PH CON.CORD	CX109	1	
	★	606050008001S	FFC 24P 170mm 1mm	CY241-CX241	1	
	★	606050009004S	FFC 30P 225mm 1mm	CX332-CY332	1	
	★	606050010004S	FFC 30P 200mm 1mm	CX331-CY331	1	
	★	nsp	4P 170mm PH-PH	CX406	1	
	★	nsp	4P 140mm PH-PH	CX408	1	
	★	nsp	4P 200mm VH-VH	CX410	1	
	★	nsp	5P 220mm PH-PH	CX502	1	
	★	nsp	6P 390mm VH-VH	CX604	1	
	★	nsp	7P 250mm VH-VH	CX722	1	
	★	nsp	8P 290mm PH-PH	CX801	1	
	★	nsp	8P 125mm PH-PH	CX802	1	
	★	nsp	8P 100mm PH-PH	CX809	1	
	★	nsp	8P 80mm PH-PH	CX804	1	
	★	nsp	9P 280mm PH-PH	CX905	1	
	★	nsp	9P 200mm PH-PH	CX906	1	
	★	nsp	10P 360mm PH-PH	CX105	1	
	★	nsp	12P 400mm PH-PH	CX122	1	
	★	nsp	12P 270mm PH-PH	CX125	1	
	★	nsp	13P 480mm PH-PH	CX134	1	
	★	nsp	15P 200mm PH-PH	CX152	1	
	★	nsp	10P 190mm PH-PH	CY982	1	
	★	nsp	14P 190mm PH-PH	CY981	1	
	★	nsp	3P 250mm PH-PH	CX329	1	
	★	nsp	11P 40mm EH-PH	CX503 for EU	1	
	★	nsp	2C 520mm FV1.25		1	
	★	nsp	6P 150mm ZH-ZH	CX626	1	
	★	nsp	1P 250mm SRA-SRA	W-514W-516 for E2	2	
	★	nsp	1P 250mm SRA-SRA	W-515 for E2	1	

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
SCREWS						
	201	00D4719058035	SPECIAL SCREW	for EU	16	
	201	0RD4719058022	SPECIAL SCREW	for E2,JP	16	
	202	nsp	4TWB		22	
	203	nsp	3N		1	
	204	nsp	4N		44	
	205	nsp	FIXING SCREW		47	
	206	nsp	4 W (S)		10	
	207	nsp	3X6 CPS (SW.W) ZNP	for EU	9	
	207	nsp	3X6 CPS (SW.W) ZNP	for E2,JP	17	
	208	nsp	3X8 CFS ZNP		2	
	209	0RD4718010100	SPECIAL SCREW		8	
	210	nsp	3X6 CBTS(S)-Z		8	
	211	nsp	3X8 CBTS (S)-Z	for EU	69	
	211	nsp	3X8 CBTS (S)-Z	for E2,JP	6	
	212	nsp	3X8 CBTS (S)-B	for EU	2	
	212	nsp	3X8 CBTS (S)-B	for E2,JP	61	
	213	nsp	3X8 CFTS (S)-B		11	
	214	nsp	4X6 CBTS (S)-Z	for EU	8	
	214	nsp	4X6 CBTS (S)-B	for E2,JP	8	
	215	nsp	3X10 CBTS (S)-B		1	
	216	nsp	4X8 CBTS (S)-B		4	
	217	nsp	3X6 CBTS(S)-B	for EU	95	
	217	nsp	3X6 CBTS(S)-B	for E2,JP	92	
	218	nsp	3X8 CBTS (S)-B		14	
	219	nsp	4X10 CFTS(S)-B		8	
	220	nsp	3X8 CBTS (P)-Z		34	
	221	nsp	3X8 CFTS (P)-Z		6	
	222	nsp	2X6 CBTS (P)-Z		4	
	223	nsp	3X12 CUP SCREW		8	
	224	nsp	3X14 CUP SCREW		1	
	225	nsp	3X10 CBTS(B)-Z	for EU	30	
	225	nsp	3X10 CBTS(B)-B	for E2,JP	30	
	226	nsp	3X4 CBTS (B)-Z		2	
	227	nsp	WASHER (9.5X16X0.5)	for EU	1	
	228	nsp	NUT 3/8-32(11X2)	for EU	1	
	229	nsp	3X16 CPTS(B) SW W		28	
	232	nsp	3X16 CPTS(B) SW W		15	
	233	0RD4770262019	SPECIAL SCREW		3	
	234	0RD4770263005	3P. SWELLING SCREW		6	
	235	nsp	PUSH RIVET		5	
	236	nsp	CORD HOLDER (L50)	for EU	7	
	236	nsp	CORD HOLDER (L50)	for E2,JP	8	
	237	nsp	3X18 CUP SCREW		4	

PACKING VIEW



PARTS LIST OF PACKING & ACCESSORIES

＊ 本表に "nsp" と記載されている部品は供給できません。
＊ Parts for which "nsp" is indicated on this table cannot be supplied.
＊ 本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。
＊ The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

Note: The symbols in the column "Remarks" indicate the following destinations.
EU : U.S.A. model(AVR-5308CI) E2 : Europe model(AVC-A1HD) JP : Japan model(AVC-A1HD)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	201	00D5040192106	CABINET SHEET		1	
	202	00D5031547003	CUSHION ASSY		1	*
	203	00D5012262006	PAD		1	*
	204	539210001001D	SPACER		2	*
	205	00D5012367008	CARTON CASE(EU)	for EU	1	*
	205	00D5012367024	CARTON CASE(E2)	for E2	1	*
	205	00D5012367040	CARTON CASE(JP)	for JP	1	*
	206	nsp	COLOR LABEL	for E2	1	
	207	nsp	GUARANTEE CARD (S)	for JP	1	
	209	nsp	CONT.CARD(L)SUB ASSY		1	
	210	nsp	BAR CODE LABEL ASSY		1	
	220	nsp	ENVELOPE		1	
	221	00D5114613003	INST. MANUAL (EU)	for EU	1	*
	221	00D5114671003	INST. MANUAL (E2)	for E2	1	*
	221	00D5114677007	INST. MANUAL (JP)	for JP	1	*
	222	00D5114289068	INST.MANUAL(E2/CDROM)	for E2	1	*

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	223	nsp	XM SHEET	for EU	1	
	224	00D3950034000	WLAN ANNTENA		1	
	225	00D3950029002	FM ANT ASS Y(F/ETRO)	for EU	1	
	226	00D2311152001	AM LOOP ANTENNA(S)	for EU	1	
	227	00D3950033001	FM ANTENNA (DIPOLE)	for EU	1	
	228	00D2311153000	AM LOOP ANTENNA(HD)	for EU	1	
	229	nsp	ANT. LABEL SUB ASSY	for EU (HD RADIO AM ANTENNA)	1	
	230	nsp	S.S.LIST(EX)	for EU,E2	1	
	230	nsp	SERVICE STATION LIST	for JP	1	
	231	nsp	CUSTOMER CARD	for JP	1	
	232	nsp	WARRANTY (HOME)	for EU	1	
	233	nsp	BATTERY(LR6KE2PT)	for RC-1067	1	
	234	nsp	BATTERY(R03X2)	for RC-1070	1	
	235	nsp	T.VISION SHEET SUB ASSY	for EU,E2	1	*
	236	nsp	T. MEDIA GUIDE SHEET	for EU,E2	1	*
	237	549110004008D	RHAPSODY FLYER	for EU,E2	1	*
⚠	241	00D2062220004	AC CORD SET (E3)	for EU	1	
⚠	241	00D2062215006	AC CORD-E1/10A/INLET	for E2	1	
⚠	241	00D2062141002	AC CORD W/CON&PLUG	for JP	1	
	242	nsp	POLY COVER		1	
	243	00D3991094009	RC-1067	(MAIN REMOCON)	1	*
	244	00D3991097103	RC-1070	(ZONE REMOCON)	1	*
	245	00D3210039004	DM-A505ZEM	(MICROPHONE)	1	

NOTE FOR SCHEMATIC DIAGRAM

WARNING:
Parts marked with this symbol ⚠ have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

CAUTION:
Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

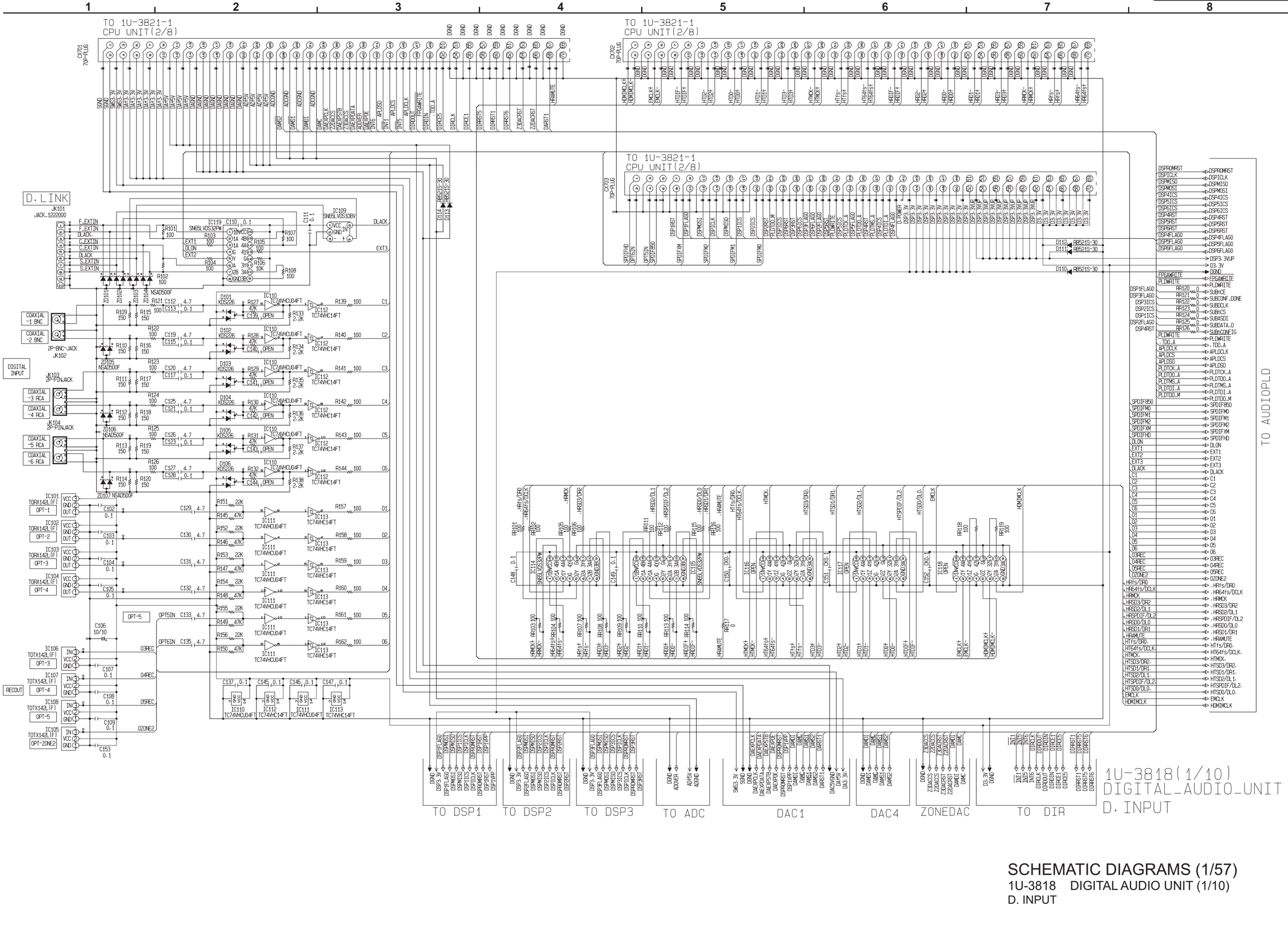
NOTICE:
(1) ALL RESISTANCE VALUES IN OHM(Ω/ohm).
k=1,000 OHM(kΩ/kohm), M=1,000,000 OHM(MΩ/Mohm)
(2) ALL CAPACITANCE VALUES IN MICRO FARAD(μF).
p=MICRO-MICRO FARAD(pF)
(3) EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT CONDITION.
(4) CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

配線図について

⚠ 印の部品は安全を維持するために重要な部品です。
従って交換時は必ず指定の部品を使用してください。

注）
(1) 指定なき抵抗値は Ω、k は kΩ、M は MΩ を示す。
(2) 指定なきコンデンサーの値は μF、p は pF を示す。
(3) 各部の電圧は無信号の値を示す。
(4) この配線図は基本配線図です。改良等のため変更することがありますのでご了承ください。

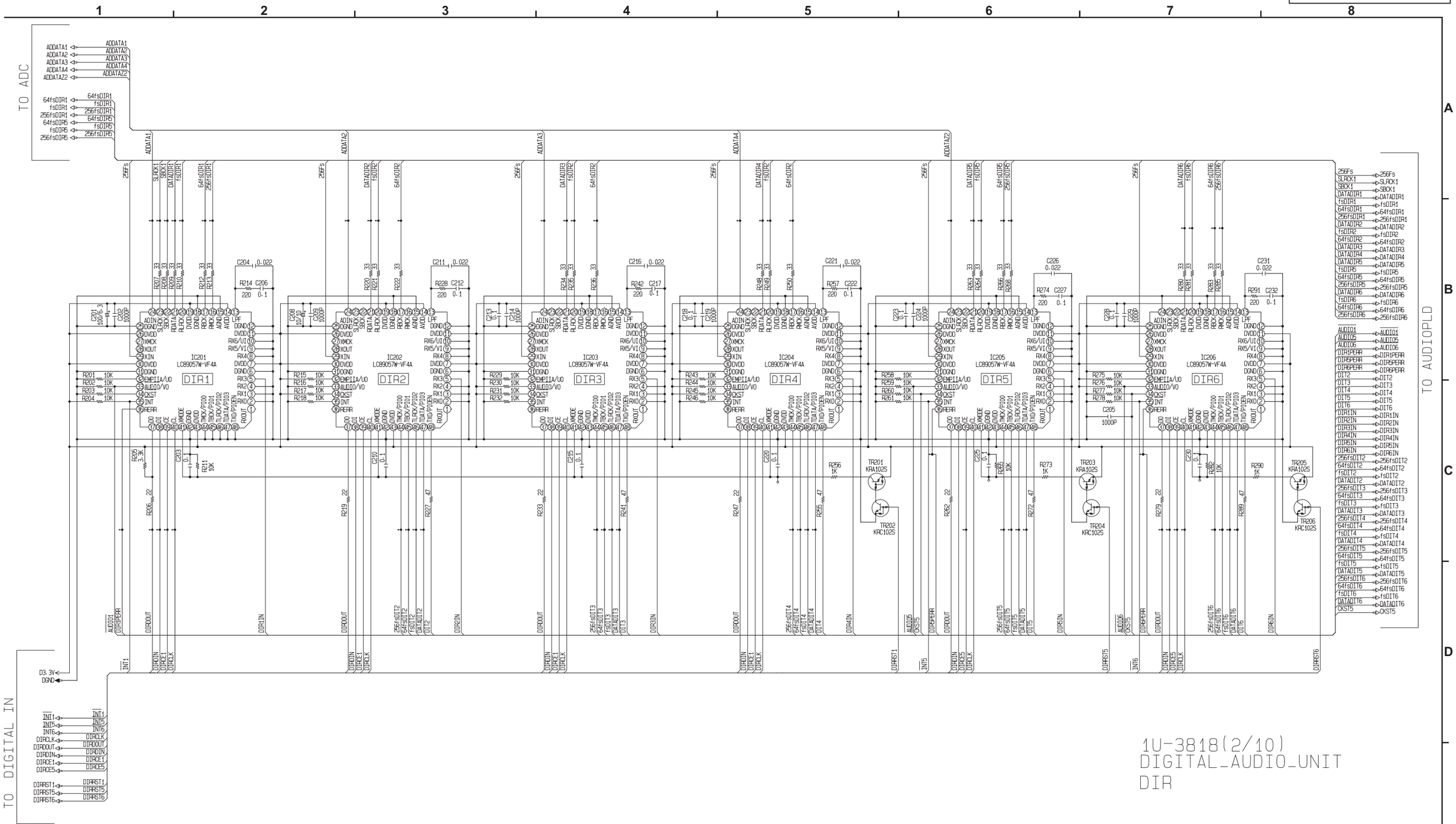
--MEMO--



SCHEMATIC DIAGRAMS (1/57)

1U-3818 DIGITAL AUDIO UNIT (1/10)

D. INPUT



SCHEMATIC DIAGRAMS (2/57)

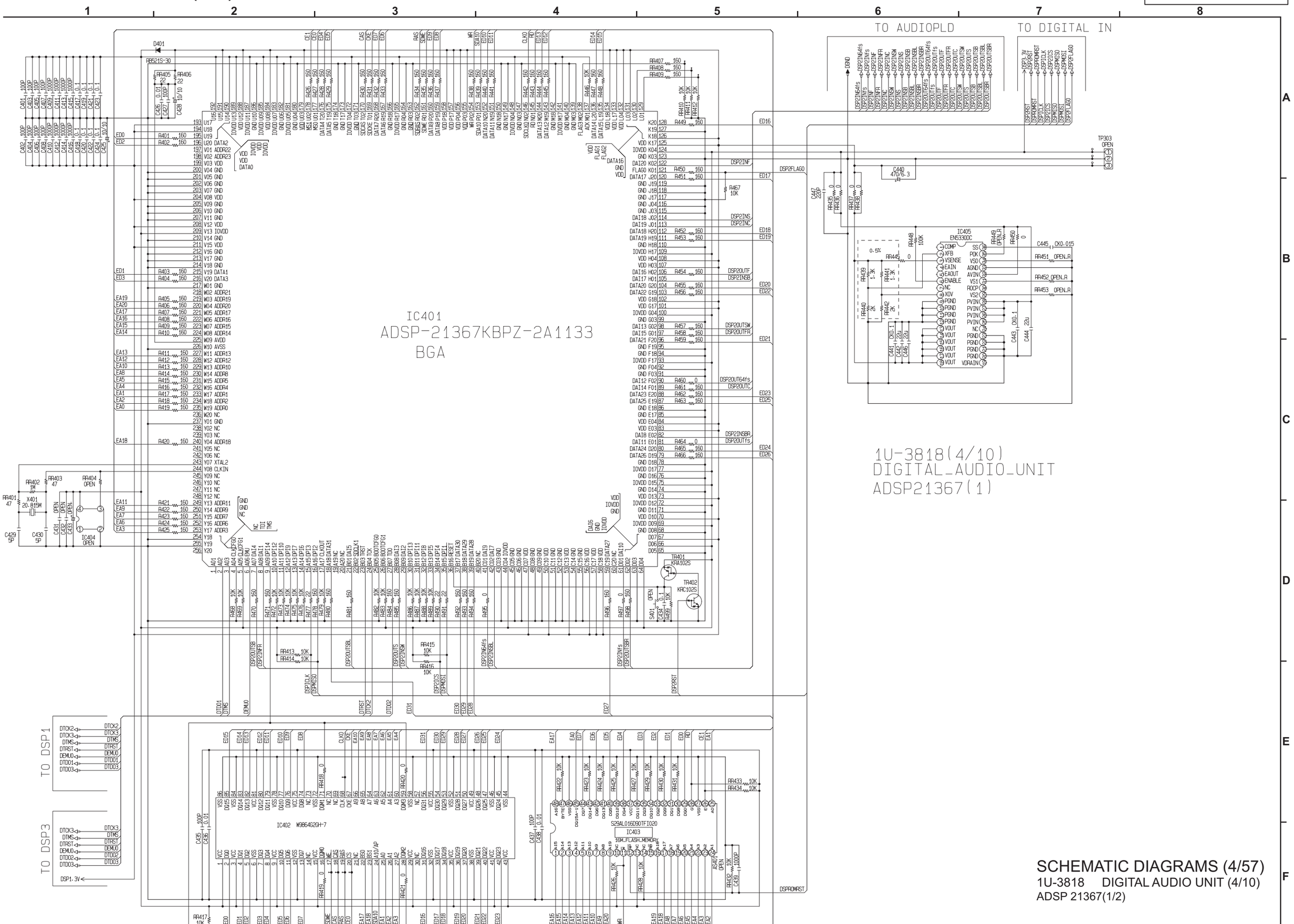
1U-3818 DIGITAL AUDIO UNIT (2/10)

DIR

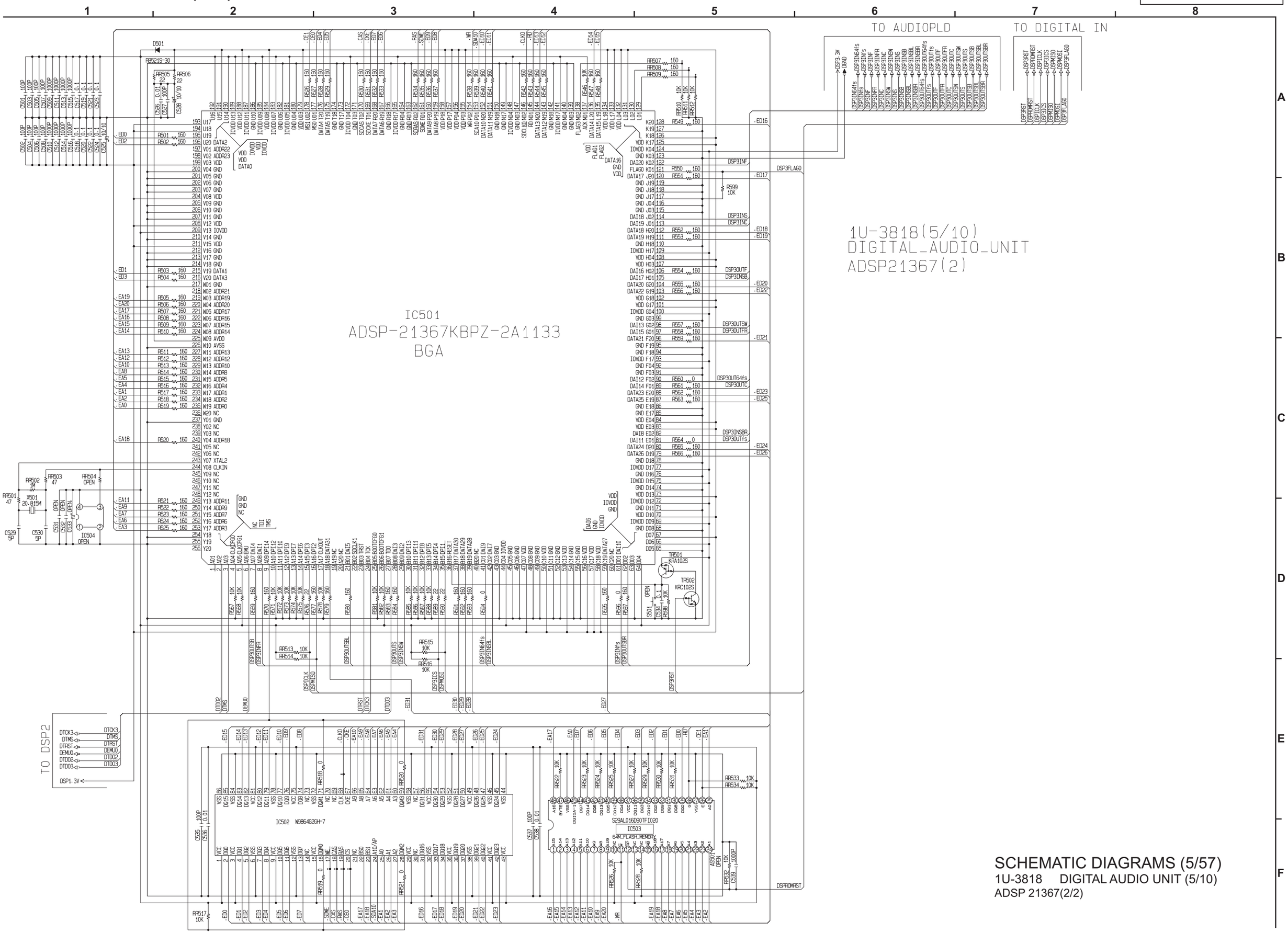
1U-3818(3/10)
DIGITAL_AUDIO_UNIT
ADSP_21366

SCHEMATIC DIAGRAMS (3/57)
1U-3818 DIGITAL AUDIO UNIT (3/10)
ADSP 21366

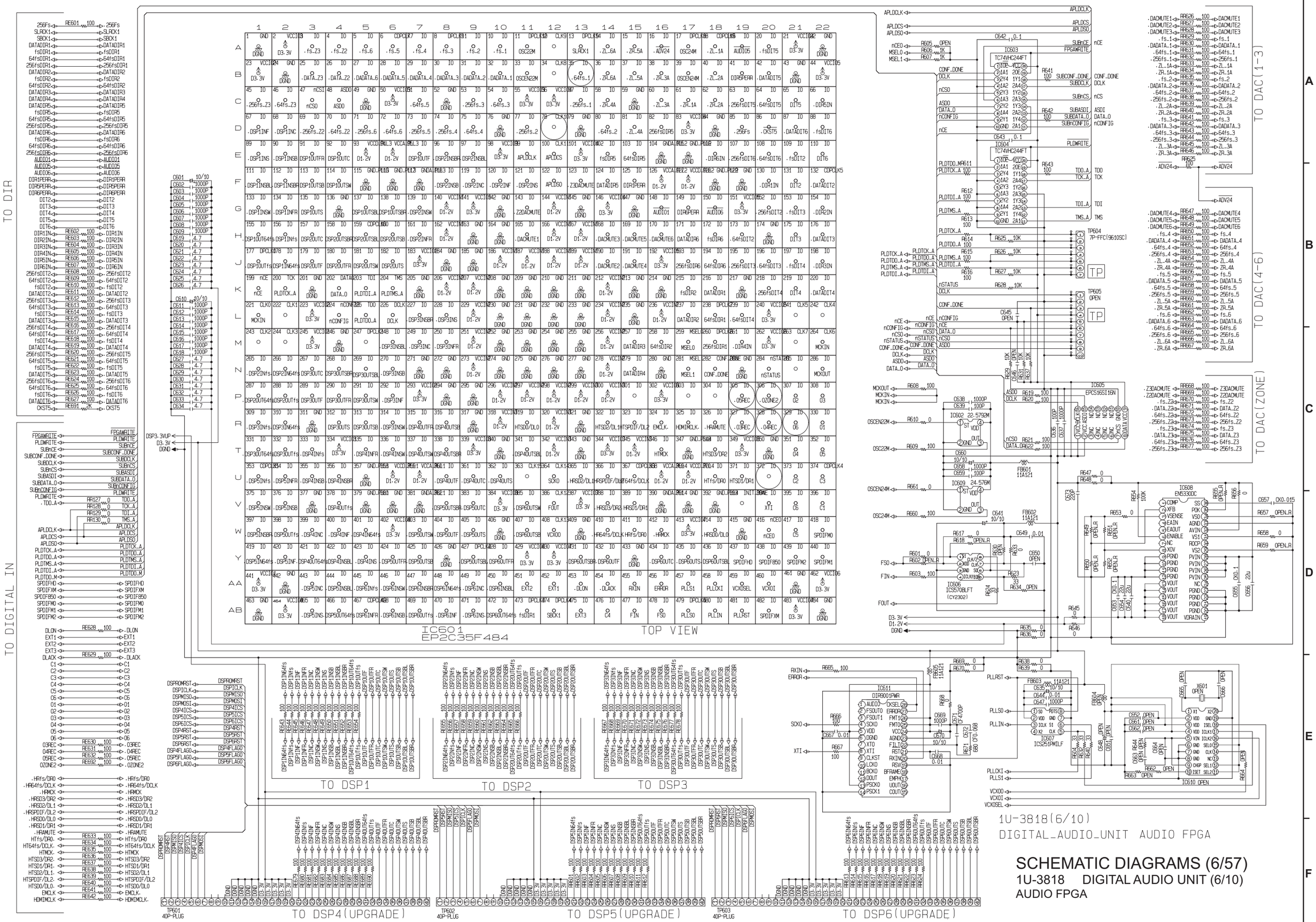
SCHEMATIC DIAGRAMS (4/57)



SCHEMATIC DIAGRAMS (4/57)
1U-3818 DIGITAL AUDIO UNIT (4/10)
ADSP 21367(1/2)


1
2
3
4
5
6
7
8
A
B
C
D
E
F
TO AUDIOPLD
TO DIGITAL IN
1U-3818(5/10)
DIGITAL_AUDIO_UNIT
ADSP21367(2)
IC501
ADSP-21367KBPZ-2A1133
BGA
IC502 W9864G2GH-7
IC503
64M_FLASH_MEMORY
S29AL016D90TFI020
IC504
OPEN
X501
20.815M
TO DSP2
DTCK3
DTMS
DTRST
DEMU0
DTDO2
DTDO3
DSP1.3V
TR501
KRA102S
TR502
KRC102S
DSP3.3V
DGND
DSP3INF
DSP3FLAG0
DSP3INS
DSP3INC
DSP30UTF
DSP3INSB
DSP30UTSW
DSP30UTFR
DSP30UTC
DSP30UTS
DSP30UTSB
DSP30UTSBL
DSP30UTSBR
DSP30UTf5
DSP30UTf64s
DSP3INSBR
DSP3INSBL
DSP3INFR
DSP3INSW
DSP3INSR
DSP3INSBR
DSP3INFs
DSP3INSs
DSP3INSB
DSP3INSBL
DSP3INF64s
DSP3INSBR
DSP3RST
DSPROMRST
DSPTCLK
DSPTCS
DSPMISO
DSPMOSI
DSP3FLAG0
DSPPROMRST
DSPPROMRST
DSPTCLK
DSPTCS
DSPMISO
DSPMOSI
DSP3FLAG0
DSPROMRST
SCHEMATIC DIAGRAMS (5/57)
1U-3818 DIGITAL AUDIO UNIT (5/10)
ADSP 21367(2/2)

SCHEMATIC DIAGRAMS (6/57)



SCHEMATIC DIAGRAMS (6/57)

1U-3818 DIGITAL AUDIO UNIT (6/10)

AUDIO FPGA

1U-3818(7/10)
DIGITAL_AUDIO_UNIT
DAC_SECTION(1)

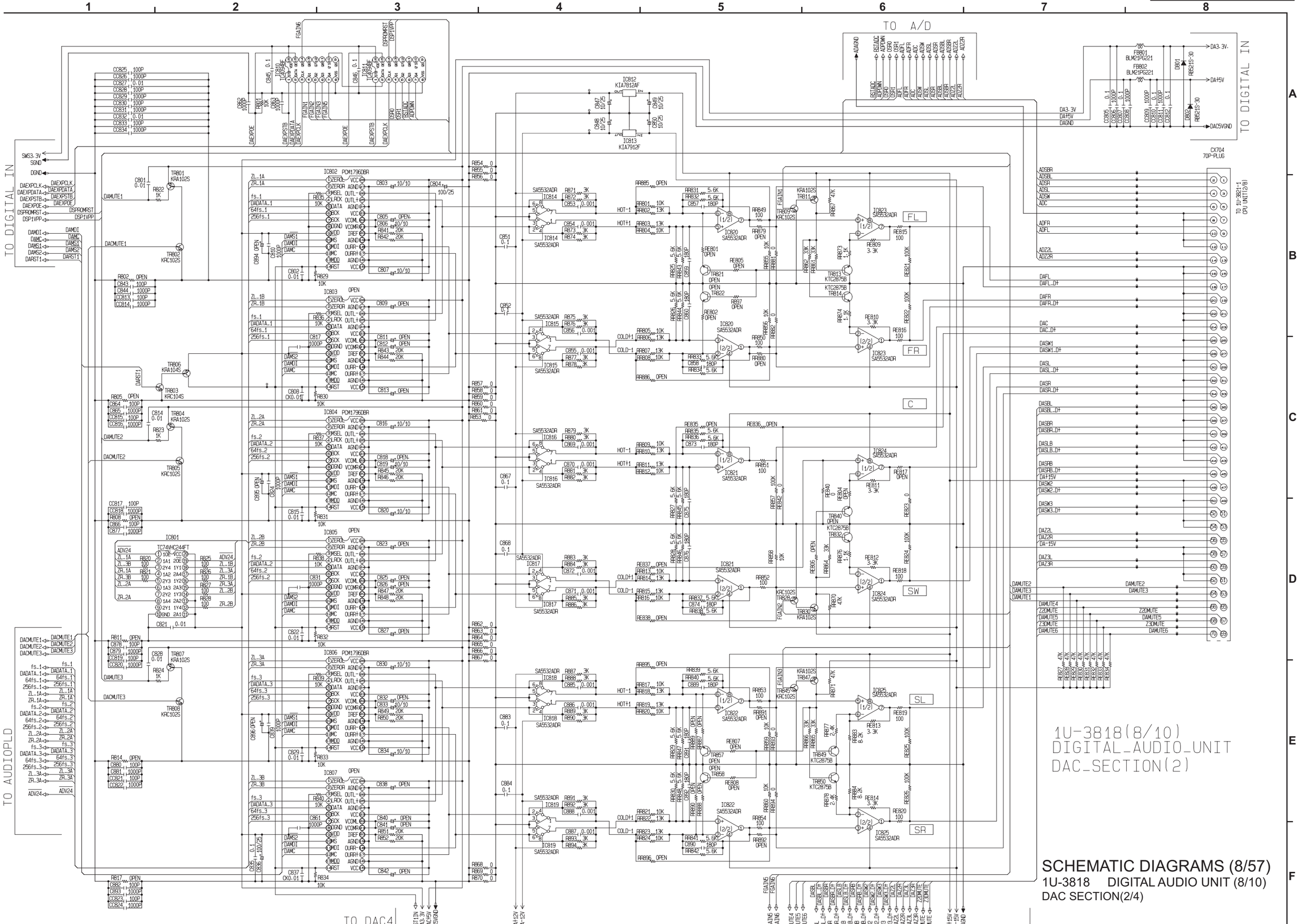
TO DIR

TO DIGITAL IN

AVPA1HD ONLY

TO DAC1

SCHEMATIC DIAGRAMS (8/57)



SCHEMATIC DIAGRAMS (8/57)

1U-3818 DIGITAL AUDIO UNIT (8/10)

DAC SECTION(2/4)

1U-3818(9/10)
DIGITAL_AUDIO_UNIT
DAC_SECTION(3)

TO DAC1

TO DIGITAL IN

TO AUDIOPLD

TO ZONE DAC

SBL

SBR

SRB

SW2

SW3

1U-3818(10/10)
DIGITAL_AUDIO_UNIT
DAC_SECTION(4)

TO DAC7

TO DIGITAL IN

TO AUDIOPLD

DA3.3V DAC+5V DAC5VGND DA+15V DA-15V DACAGND

DAZ2L DAZ2R DAZ3L DAZ3R Z2DMUTE Z3DMUTE

Z2DACMUTE Z3DACMUTE

TR975 KRC102S TR976 KRC102S TR978 KRA102S

TR979 KRC102S TR980 KRC102S TR982 KRA102S

CC903 0.01 RE104 1K

CC918 0.01 RE135 1K

CC902 10/10

256fs_Z2 64fs_Z2 DATA_Z2 fs_Z2

256fs_Z3 64fs_Z3 DATA_Z3 fs_Z3

IC951 AK4385ET

IC952 AK4385ET

Z2DACCS DAMC DAMDI

Z3DACCS DAMC DAMDI

TR973 KRA104S TR971 KRC104S Z2DACRST

TR974 KRA104S TR972 KRC104S Z3DACRST

CC901 0.01 RE103 10K

CC916 0.01 RE134 10K

CC911 OPEN_C CC910 OPEN_C

Z3DACCS Z2DACCS Z3DACRST Z2DACRST DAMDI DAMC

DGND Z3DACMUTE Z2DACMUTE

fs_Z2 DATA_Z2 64fs_Z2 256fs_Z2 fs_Z3 DATA_Z3 64fs_Z3 256fs_Z3

RE111 5.1K RE142 5.1K

RE105 4.7K RE106 4.7K RE107 4.7K RE108 4.7K

RE136 4.7K RE137 4.7K RE138 4.7K RE139 4.7K

CC904 CK3300P CC905 CK3300P CC919 CK3300P CC920 CK3300P

RE109 5.1K RE110 5.1K RE140 5.1K RE141 5.1K

RE112 200 RE113 200 RE114 200 RE115 200 RE116 5.1K

RE143 200 RE144 200 RE145 200 RE146 200 RE147 5.1K

CC906 470P CC907 470P CC921 470P CC922 470P

CC908 470P CC909 470P CC923 470P CC924 470P

IC953 BA15218F IC954 BA15218F

Z2L Z2R Z3L Z3R

RE117 100 RE118 100 RE148 100 RE149 100

RE119 100K RE120 100K RE150 100K RE151 100K

DAZ2L DAZ2R DAZ3L DAZ3R

SCHEMATIC DIAGRAMS (10/57)
1U-3818 DIGITAL AUDIO UNIT (10/10)
DAC SECTION(4/4)

SCHEMATIC DIAGRAMS (11/57)

1 2 3 4 5 6 7 8

A B C D E F

PCI 75MHz ACCESS

SDRAM 150MHz ACCESS

MII : 50MHz ACCESS

USB2.0 target

IC101 RTL8201CP

IC105 BCOIC-DM850E-CQL

IC108 24.576M

IC106 S29GL064A90TIR4 64M-FLASH_MEMORY

IC107 W9812G6GH-6 128M-SDRAM

CX124 124P-PCI-MINI-SLOT

ETHERNET

BACK PANEL USB

USB_SEL	USB I/F
L	FRONT
H	BACK

1U-3819(1/2)
ETHERNET_UNIT
DM850

USA/CANADA MODEL ONLY

XM BUS SWITCH
&
XM 3.3V REG

CP for Ipod

TO 1U-3821-1 CPU UNIT(1/4)

TO 1U-3821-1 CPU UNIT(4/4)

TO CPU UNIT

1U-3819(2/2)
ETHERNET_UNIT
XM&JPEG

SCHEMATIC DIAGRAMS (12/57)

1U-3819 ETHERNET UNIT (2/2)

XM & JPEG

1U-3821-1
CPU_UNIT(1/8)
FRONT/232C_CONNECT

CX613 TO UPGRADE 6P-ZH
CX901 9P-PH TO UPGRADE
CX311 30P-FFC TO UPGRADE
TO VIDEO CONNECT 1U-3821-1(3/8)
TO AUDIO CONNECT 1U-3821-1(2/8)
TO AUDIO CONNECT 1U-3821-1(2/8)
CY109 10P-PH TO 1U-3822-3 232C_UNIT
TO 1U-3824-10 TRIGGER_CONNECT_UNIT
CW150 15P-TUCP-SOCKET
ZD106 NSAD500F
C135 33/16
CY408 4P-PHS TO 1U-3837-2 SW REG UNIT
CW716 70P-PLUG
TO 1U-3821-2 CPU FRONT CONNECT UNIT

ZD102 NSAD500F
ZD103 NSAD500F
ZD104 NSAD500F
ZD105 NSAD500F
ZD107 NSAD500F

TR121 2SB1412
TR122 KRC102S
TR104 2SB1412
TR106 2SB1412
TR111 2SB1412
TR118 2SB1412
TR105 KRC102S
TR108 KRC102S
TR113 KRC102S
TR119 KRC102S

IC101 UPC2933BT1D
IC102 UPC2933BT1D
IC103 UPC2933BT1D

TR101 KTC3B75S
TR102 KTC3B75S
TR103 KTC3B75S
TR114 KRC102S
TR115 2SB1412
TR120 KRC102S
TR123 KRC102S
TR107 KRC102S
TR112 KRC102S
TR117 KRC102S
TR109 2SA1954
TR110 2SA1954
TR116 2SA1954
TR124 2SA1954

ST101 STYLE-PIN

TO SUBCPU
TO 1U-3821-1(5/8)

TO CPUPLD
TO 1U-3821-1(7/8)

TO MAINCPU
TO 1U-3821-1(6/8)

SCHEMATIC DIAGRAMS (13/57)

1U-3821 CPU UNIT (1/9)
1U-3821-1 CPU UNIT (1/8)
FRONT / 232C CONNECT

SCHEMATIC DIAGRAMS (14/57) ③

AVR-5308CI / AVC-A1HD

1 2 3 4 5 6 7 8

A B C D E F

ANALOG AUDIO

TO 1U-3823-1 PREOUT_UNIT(3/3)

CN709 70P-SOCKET

ANALOG AUDIO

TO 1U-3823-1 PREOUT_UNIT(3/3)

CN710 70P-SOCKET

DAC MUTE

TO 1U-3821-3(AVR/AVP)
TO 1U-3830-2(AVP)
DAC_MUTE_UNIT

CN713 70P-SOCKET

TO ETHER/TUNER CONNECT UNIT 1U-3821-1(4/8)

TO FRONT/232C CONNECT 1U-3821-1(1/8)

JTAG CHAIN
Audio FPGA
↓
GUI FPGA
↓
HDMI Tx PLD
↓
VA PLD

TP

TP301 7P-FFC

ZD301 NSAD500F
ZD302 NSAD500F
ZD303 NSAD500F
ZD304 NSAD500F
ZD305 NSAD500F
ZD306 NSAD500F
ZD307 NSAD500F
ZD308 NSAD500F
ZD309 NSAD500F
ZD310 NSAD500F
ZD311 NSAD500F
ZD312 NSAD500F
ZD313 NSAD500F
ZD314 NSAD500F

TO 1U-3818(AVR/AVC)
TO 1U-3820(AVP)
DIGITAL_AUDIO_UNIT(1/10)

DIGITAL AUDIO

CN703 70P-SOCKET

TO 1U-3818(AVR/AVC)
TO 1U-3820(AVP)
DIGITAL_AUDIO_UNIT(8/10)

CN704 70P-SOCKET

TO 1U-3818(AVR/AVC)
TO 1U-3820(AVP)
DIGITAL_AUDIO_UNIT(1/10)

DIGITAL AUDIO

CN701 70P-SOCKET

TO 1U-3818(AVR/AVC)
TO 1U-3820(AVP)
DIGITAL_AUDIO_UNIT(1/10)

DIGITAL AUDIO

CN702 70P-SOCKET

AVP SIGNAL
AVR:OPEN
AVP:SHORT

15P-PHs(SMD_WT)
CY152
15P-PHs

TO 1U-3824-3 L_SUPPLY_UNIT

TO 1U-3837-2 SW_REG_UNIT

CY410 4P-VHs

C307 33/16

TO VIDEO_CONNECT

TO 1U-3821-1(3/8)

TO CPUPLD
TO 1U-3821-1(7/8)

TO MAINCPU
TO 1U-3821-1(6/8)

TO SUBCPU
TO 1U-3821-1(5/8)

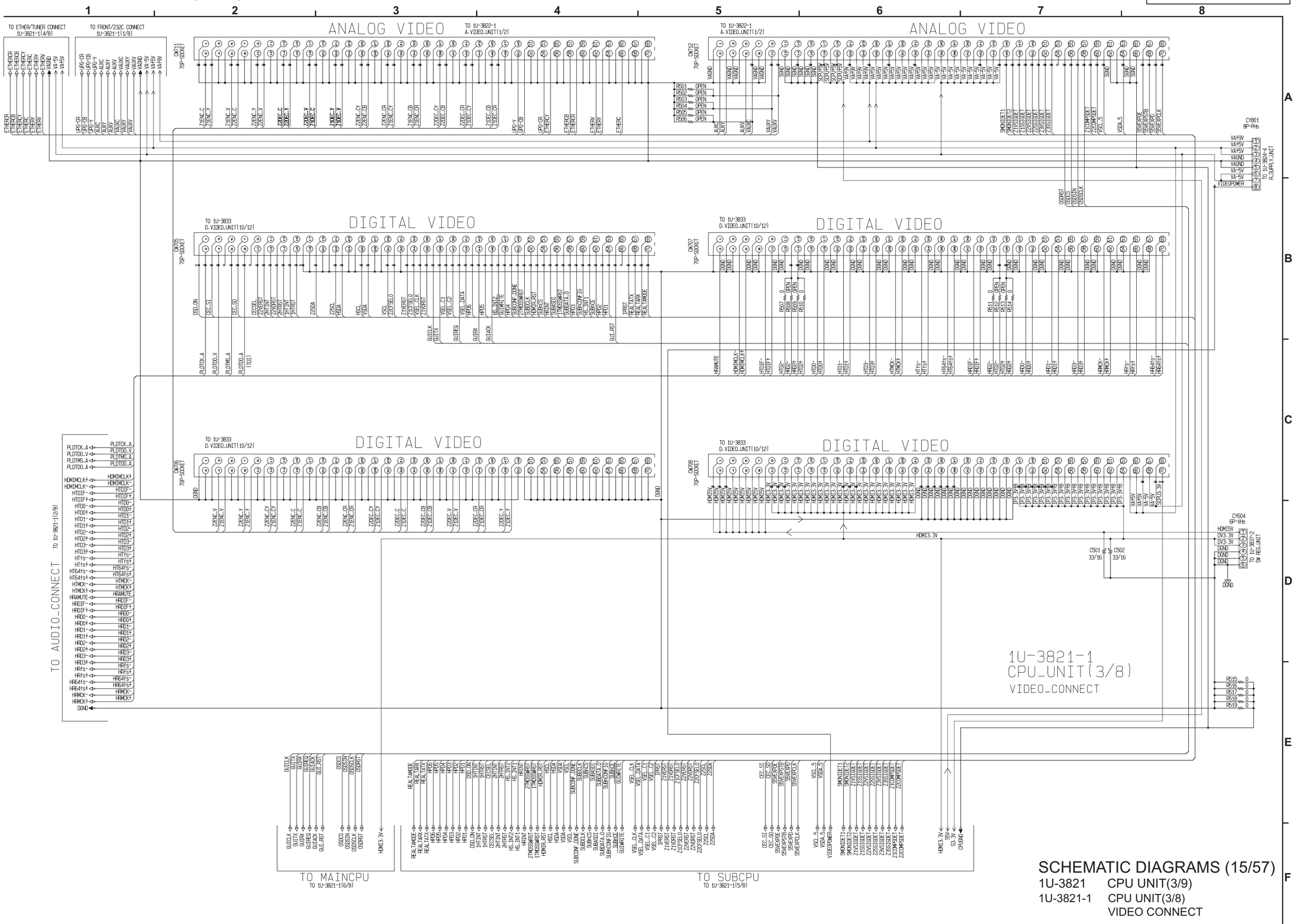
1U-3821-1 CPU_UNIT(2/8)

AUDIO_CONNECT

SCHEMATIC DIAGRAMS (14/57)

1U-3821 CPU UNIT(2/9)
1U-3821-1 CPU UNIT(2/8)
AUDIO CONNECT

SCHEMATIC DIAGRAMS (15/57)



1 2 3 4 5 6 7 8

A B C D E F

TO ETHERNET UNIT

TO 1U-3819 ETHERNET UNIT(2/2)

CN714 70P-SOCKET

ZD702 NSAD500F
ZD703 NSAD500F
ZD704 NSAD500F
ZD705 NSAD500F
ZD706 NSAD500F

TO ETHERNET UNIT

TO 1U-3819 ETHERNET UNIT(2/2)

CN715 70P-SOCKET

TO AUDIO CONNECT 1U-3821-1(2/8)

TO VIDEO CONNECT 1U-3821-1(3/8)

NA MODEL ONLY

TO TUNER PACK

CY151 OPEN

TO 1U-3794 HD_JOINT_UNIT

CY111 10P-PH6

CY723 10P-PH6

TO 1U-3822-9 HD_CONNECT_UNIT

(AVR5308CI) (AVPA1HDCI) TO 1U-3794 HD_JOINT_UNIT

CY722 7P-VH6

TO 1U-3837-2 SW REG UNIT

CX302 3P-PH

TO FAN

D701 KDS160
D702 KDS160
D703 KDS160
D704 KDS160
D705 KDS160
D706 0

FB701 BLM21PG221
FB702 OPEN

IC702 OPEN

IC703 OPEN

TR701 OPEN
TR702 OPEN
TR703 OPEN
TR704 OPEN
TR705 OPEN
TR706 OPEN
TR707 OPEN
TR708 2SB1412
TR709 KRC102S
TR710 2SB1412
TR711 KRC102S

ZD701 NSAD500F

MUTE_T
T.MUTE

0.8A
0.2A

MOHDI
MIHDO

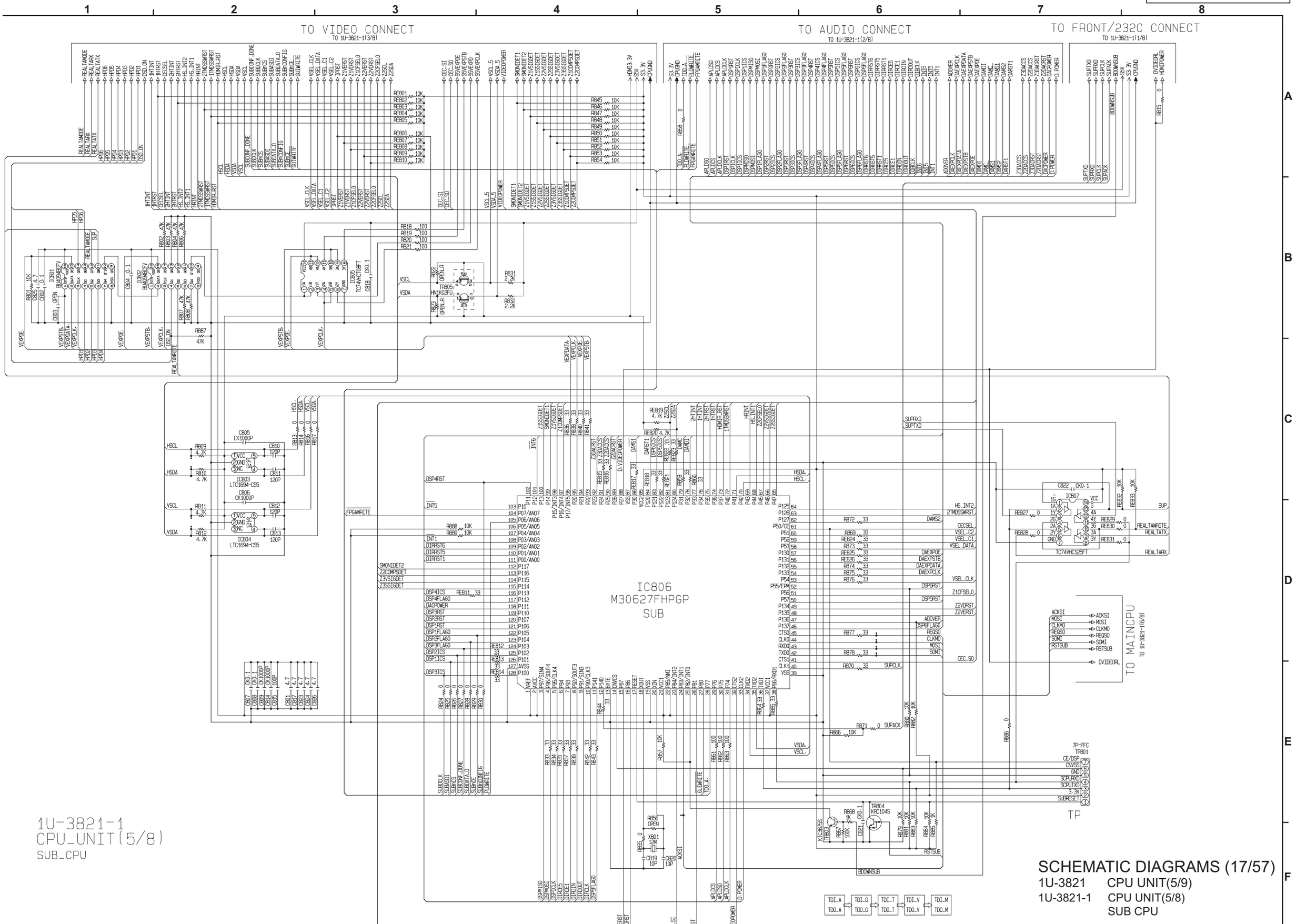
1U-3821-1
CPU_UNIT(4/8)
ETHER/TUNER_CONNECT

TO CPUPLD
TO 1U-3821-1(7/8)

TO MAINCPU
TO 1U-3821-1(6/8)

SCHEMATIC DIAGRAMS (16/57)

1U-3821 CPU UNIT(4/9)
1U-3821-1 CPU UNIT(4/8)
ETHER / TUNER CONNECT



SCHEMATIC DIAGRAMS (17/57)

1U-3821 CPU UNIT(5/9)

1U-3821-1 CPU UNIT(5/8)
SUB CPU

1 2 3 4 5 6 7 8

TO VIDEO CONNECT TO 1U-3821-1(3/8)

TO AUDIO CONNECT TO 1U-3821-1(2/8)

TO ETHERNET/TUNER CONNECT TO 1U-3821-1(4/8)

TO FRONT/232C CONNECT TO 1U-3821-1(1/8)

TO CPUPLD TO 1U-3821-1(7/8)

TO SUBCPU TO 1U-3821-1(5/8)

IC905 M3087BFLBGP MAIN

3.3V

5V

IC901 TC74VHC244FT

IC902 TC74VHC244AFT

IC903 BU4094BCFV

IC904 BU4094BCFV

IC906 M95128-WMN6TP

IC907 NJM2903M

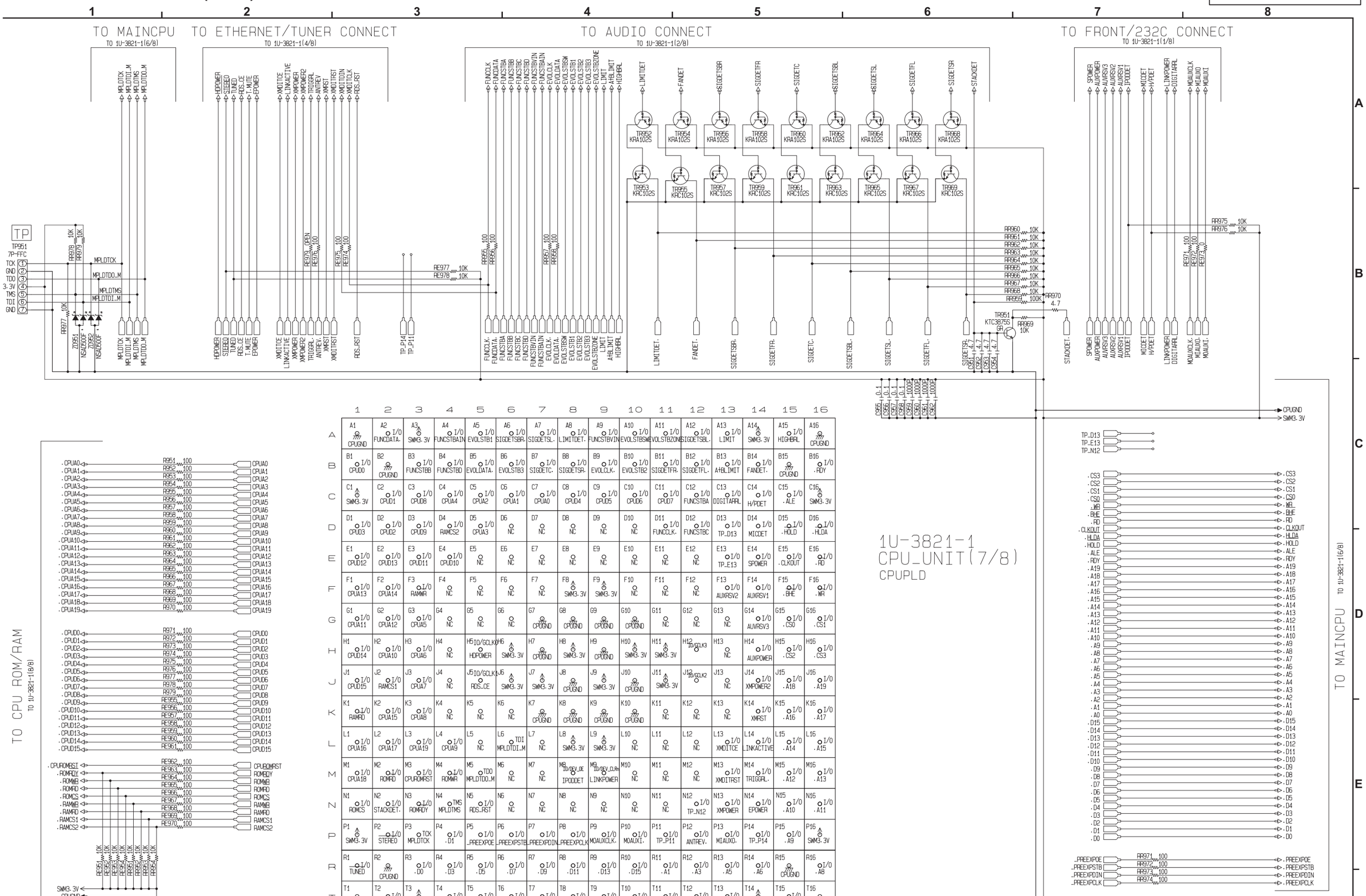
IC908 NJM2903M

IC909 NJM2903M

	R918	R938	
E3	—	10K	0-0.4V
E2	10K	—	4.54-5V
E2A	10K	47K	3.68-4.53V
JP	10K	20K	2.90-3.68V
OTHER	4.7K	4.7K	2.04-2.89V

1U-3821-1
CPU_UNIT(6/8)
MAIN_CPU

SCHEMATIC DIAGRAMS (18/57)
1U-3821 CPU UNIT(6/9)
1U-3821-1 CPU UNIT(6/8)
MAIN CPU



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	A1 CPUGND	A2 I/O FUNCDATA.	A3 SWM3.3V	A4 I/O FUNCSTBAIN	A5 I/O EVOLSTB1	A6 I/O SIGDETSBR.	A7 I/O SIGDETSL.	A8 I/O LIMITDET.	A9 I/O FUNCSTBVIN	A10 I/O EVOLSTBSW	A11 I/O EVOLSTBZONE	A12 I/O SIGDETSBL.	A13 I/O LIMIT	A14 SWM3.3V	A15 I/O HIGHBRL	A16 CPUGND
B	B1 I/O CPUD0	B2 CPUGND	B3 I/O FUNCSTBB	B4 I/O FUNCSTBD	B5 I/O EVOLDATA.	B6 I/O EVOLSTB3	B7 I/O SIGDETC.	B8 I/O SIGDETSR.	B9 I/O EVOLCLK.	B10 I/O EVOLSTB2	B11 I/O SIGDETFR.	B12 I/O SIGDETFL.	B13 I/O A+BLIMIT	B14 I/O FANDET.	B15 CPUGND	B16 I/O .RDY
C	C1 SWM3.3V	C2 I/O CPUD1	C3 I/O CPUD8	C4 I/O CPUA4	C5 I/O CPUA2	C6 I/O CPUA1	C7 CPUA0	C8 I/O CPUD4	C9 I/O CPUD5	C10 I/O CPUD6	C11 I/O CPUD7	C12 I/O FUNCSTBA	C13 I/O DIGITARRL	C14 I/O H/PDET	C15 I/O .ALE	C16 SWM3.3V
D	D1 I/O CPUD3	D2 I/O CPUD2	D3 I/O CPUD9	D4 I/O RAMCS2	D5 I/O CPUA3	D6 NC	D7 NC	D8 NC	D9 NC	D10 NC	D11 I/O FUNCCLK.	D12 I/O FUNCSTBC	D13 I/O TP_D13	D14 I/O MICDET	D15 I/O .HOLD	D16 I/O .HLDA
E	E1 I/O CPUD12	E2 I/O CPUD13	E3 I/O CPUD11	E4 I/O CPUD10	E5 NC	E6 NC	E7 NC	E8 NC	E9 NC	E10 NC	E11 NC	E12 NC	E13 I/O TP_E13	E14 I/O SPOWER	E15 I/O .CLKOUT	E16 I/O .RD
F	F1 I/O CPUA13	F2 I/O CPUA14	F3 I/O RAMWR	F4 NC	F5 NC	F6 NC	F7 NC	F8 SWM3.3V	F9 SWM3.3V	F10 NC	F11 NC	F12 NC	F13 I/O AUXRSV2	F14 I/O AUXRSV1	F15 I/O .BHE	F16 I/O .WR
G	G1 I/O CPUA11	G2 I/O CPUA12	G3 I/O CPUA5	G4 NC	G5 NC	G6 NC	G7 CPUGND	G8 CPUGND	G9 CPUGND	G10 CPUGND	G11 NC	G12 NC	G13 NC	G14 I/O AUXRSV3	G15 I/O .CS0	G16 I/O .CS1
H	H1 I/O CPUD14	H2 I/O CPUA10	H3 I/O CPUA6	H4 NC	H5 IO/GCLK0 HDPOWER	H6 SWM3.3V	H7 CPUGND	H8 SWM3.3V	H9 CPUGND	H10 SWM3.3V	H11 SWM3.3V	H12 IO/GCLK3	H13 NC	H14 I/O AUXPOWER	H15 I/O .CS2	H16 I/O .CS3
J	J1 I/O CPUD15	J2 I/O RAMCS1	J3 I/O CPUA7	J4 NC	J5 IO/GCLK1 RDS_CE	J6 SWM3.3V	J7 SWM3.3V	J8 CPUGND	J9 SWM3.3V	J10 CPUGND	J11 SWM3.3V	J12 IO/GCLK2	J13 NC	J14 I/O XMP-POWER2	J15 I/O .A18	J16 I/O .A19
K	K1 I/O RAMRD	K2 I/O CPUA15	K3 I/O CPUA8	K4 NC	K5 NC	K6 NC	K7 CPUGND	K8 CPUGND	K9 CPUGND	K10 CPUGND	K11 NC	K12 NC	K13 NC	K14 I/O XMRST	K15 I/O .A16	K16 I/O .A17
L	L1 I/O CPUA16	L2 I/O CPUA17	L3 I/O CPUA19	L4 I/O CPUA9	L5 NC	L6 TDI MPLDTDI_M	L7 NC	L8 SWM3.3V	L9 SWM3.3V	L10 NC	L11 NC	L12 NC	L13 I/O XMDITCE	L14 I/O LINKACTIVE	L15 I/O .A14	L16 I/O .A15
M	M1 I/O CPUA18	M2 I/O ROMRD	M3 I/O CPUROMRST	M4 I/O ROMWR	M5 TDO MPLDTDO_M	M6 NC	M7 NC	M8 IO/DEV_OE IPODDET	M9 IO/DEV_CLRn LINKPOWER	M10 NC	M11 NC	M12 NC	M13 I/O XMDITRST	M14 I/O TRIGGRL.	M15 I/O .A12	M16 I/O .A13
N	N1 I/O ROMCS	N2 STACKDET.	N3 I/O ROMRDY	N4 TMS MPLDTMS	N5 I/O RDS_RST	N6 NC	N7 NC	N8 NC	N9 NC	N10 NC	N11 NC	N12 I/O TP_N12	N13 I/O XMP-POWER	N14 I/O EPOWER	N15 I/O .A10	N16 I/O .A11
P	P1 SWM3.3V	P2 I/O STEREO	P3 TCK MPLDTCK	P4 I/O .D1	P5 I/O _PREEXPOE	P6 I/O _PREEXPSTB	P7 I/O _PREEXPDIN	P8 I/O _PREEXPCLK	P9 I/O MOAUXCLK.	P10 I/O MOAUXI.	P11 I/O TP_P11	P12 I/O ANTREV.	P13 I/O MIAUXO.	P14 I/O TP_P14	P15 I/O .A9	P16 SWM3.3V
R	R1 I/O TUNED	R2 CPUGND	R3 I/O .D0	R4 I/O .D3	R5 I/O .D5	R6 I/O .D7	R7 I/O .D9	R8 I/O .D11	R9 I/O .D13	R10 I/O .D15	R11 I/O .A1	R12 I/O .A3	R13 I/O .A5	R14 I/O .A6	R15 CPUGND	R16 I/O .A8
T	T1 CPUGND	T2 I/O T.MUTE	T3 SWM3.3V	T4 I/O .D2	T5 I/O .D4	T6 I/O .D6	T7 I/O .D8	T8 I/O .D10	T9 I/O .D12	T10 I/O .D14	T11 I/O .A0	T12 I/O .A2	T13 I/O .A4	T14 SWM3.3V	T15 I/O .A7	T16 CPUGND

TO CPU PLD

TO 1U-38321-1(7/8)

.CPUA0 .CPUA1 .CPUA2 .CPUA3 .CPUA4 .CPUA5 .CPUA6 .CPUA7 .CPUA8 .CPUA9 .CPUA10 .CPUA11 .CPUA12 .CPUA13 .CPUA14 .CPUA15 .CPUA16 .CPUA17 .CPUA18 .CPUA19

.CPUD0 .CPUD1 .CPUD2 .CPUD3 .CPUD4 .CPUD5 .CPUD6 .CPUD7 .CPUD8 .CPUD9 .CPUD10 .CPUD11 .CPUD12 .CPUD13 .CPUD14 .CPUD15

.CPUHOMRST .ROMRDY .ROMWR .ROMRD .ROMCS .RAMWR .RAMRD .RAMCS1 .RAMCS2

SWW3.3V CPUGND

1U-3821-1

CPU_UNIT(8/8)

CPU_ROM/RAM

.ROMRD .ROMCS .RAMRD .RAMRD

.CPUD15 .CPUD7 .CPUD14 .CPUD6 .CPUD13 .CPUD5 .CPUD12 .CPUD4 .CPUD11 .CPUD3 .CPUD10 .CPUD2 .CPUD9 .CPUD1 .CPUD8 .CPUD0

.CPUA16 .CPUA0 .CPUA18 .CPUA17 .CPUA16 .CPUA15 .CPUA14 .CPUA13 .CPUA12 .CPUA11 .CPUA10

CK1000P C981 CK4.7 C982 CK4.7 C988

R981 10K

IC981

S29AL016D90TFI020

16M_FLASH_MEMORY

A981 OPEN

C984 CKO.1 C985 CKO.1

IC982

CY7C1049DV33-10ZC

C986 CKO.1 C987 CKO.1

IC983

CY7C1049DV33-10ZC

.CPUA15 .CPUA14 .CPUA13 .CPUA12 .CPUA11 .CPUA10 .CPUA9 .CPUA8 .CPUA19 .CPUA18 .CPUA17 .CPUA7 .CPUA6 .CPUA5 .CPUA4 .CPUA3 .CPUA2 .CPUA1 .CPUA0

.CPUD0 .CPUD1 .CPUD2 .CPUD3 .CPUD8 .CPUD9 .CPUD10 .CPUD11

R982 10K C983 CK1000P

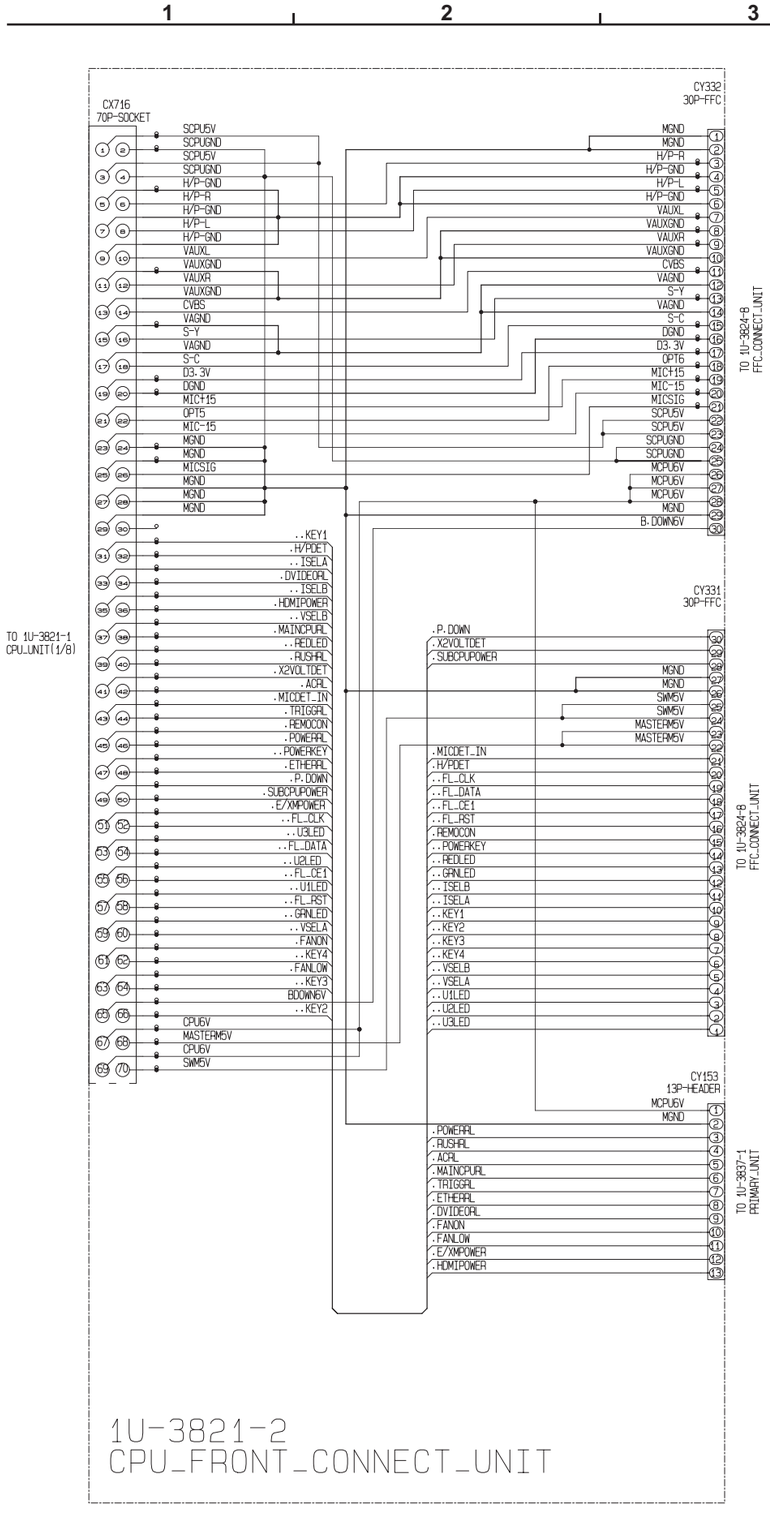
.ROMWR .CPUHOMRST .ROMRDY .RAMCS1 .RAMWR .RAMCS2 .RAMWR

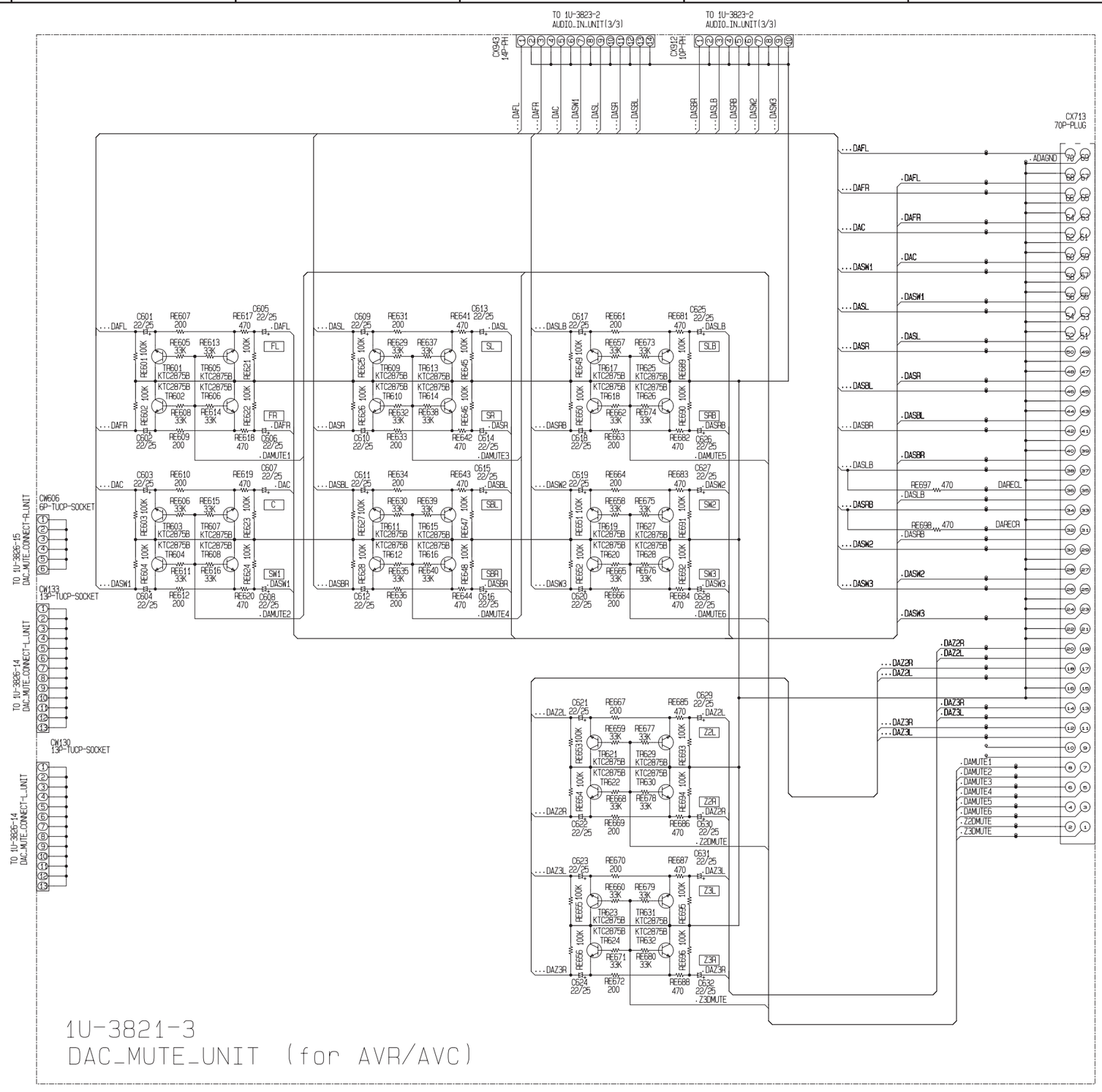
SCHEMATIC DIAGRAMS (20/57)

1U-3821 CPU UNIT(8/9)

1U-3821-1 CPU UNIT(8/8)

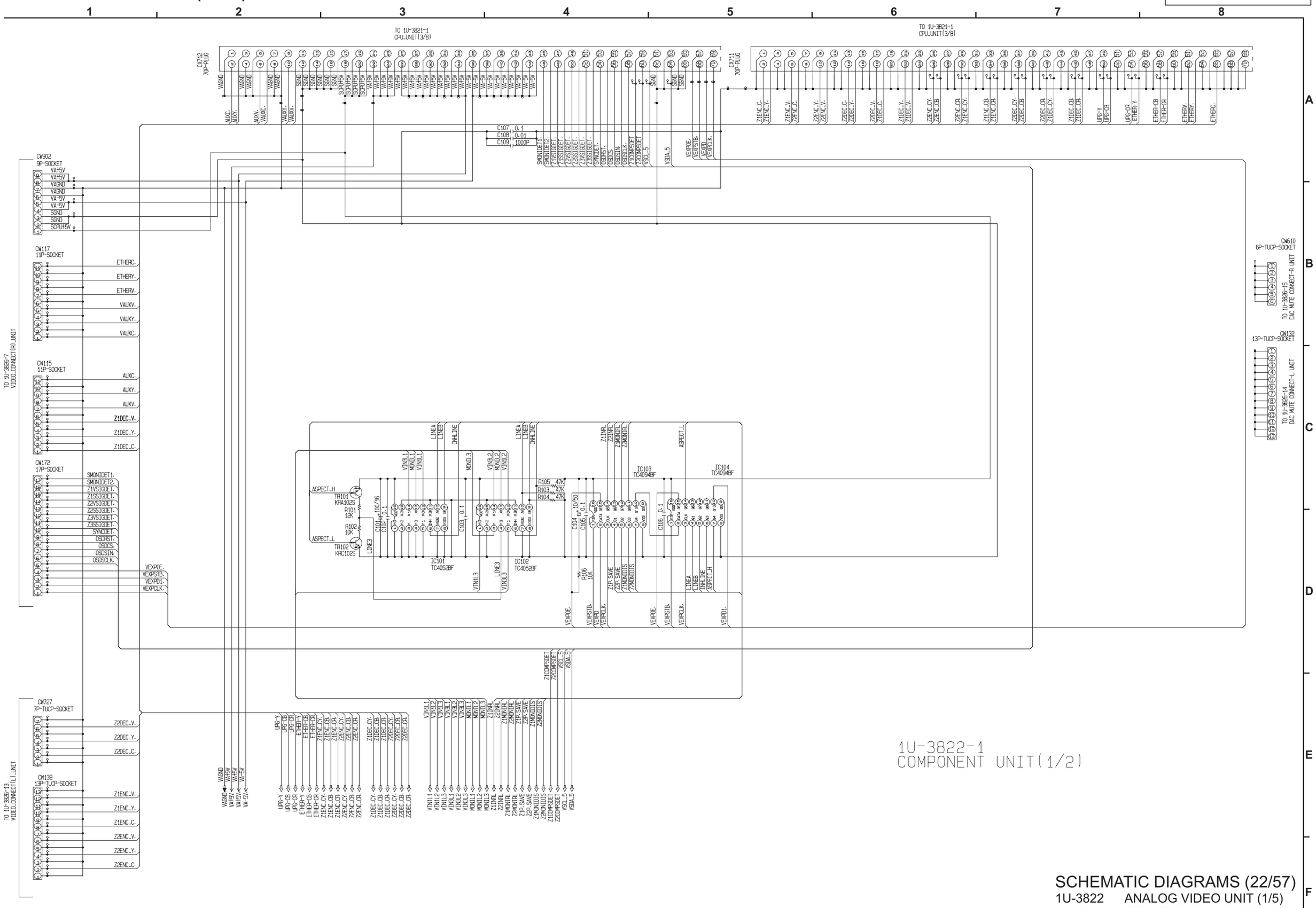
CPU ROM / RAM





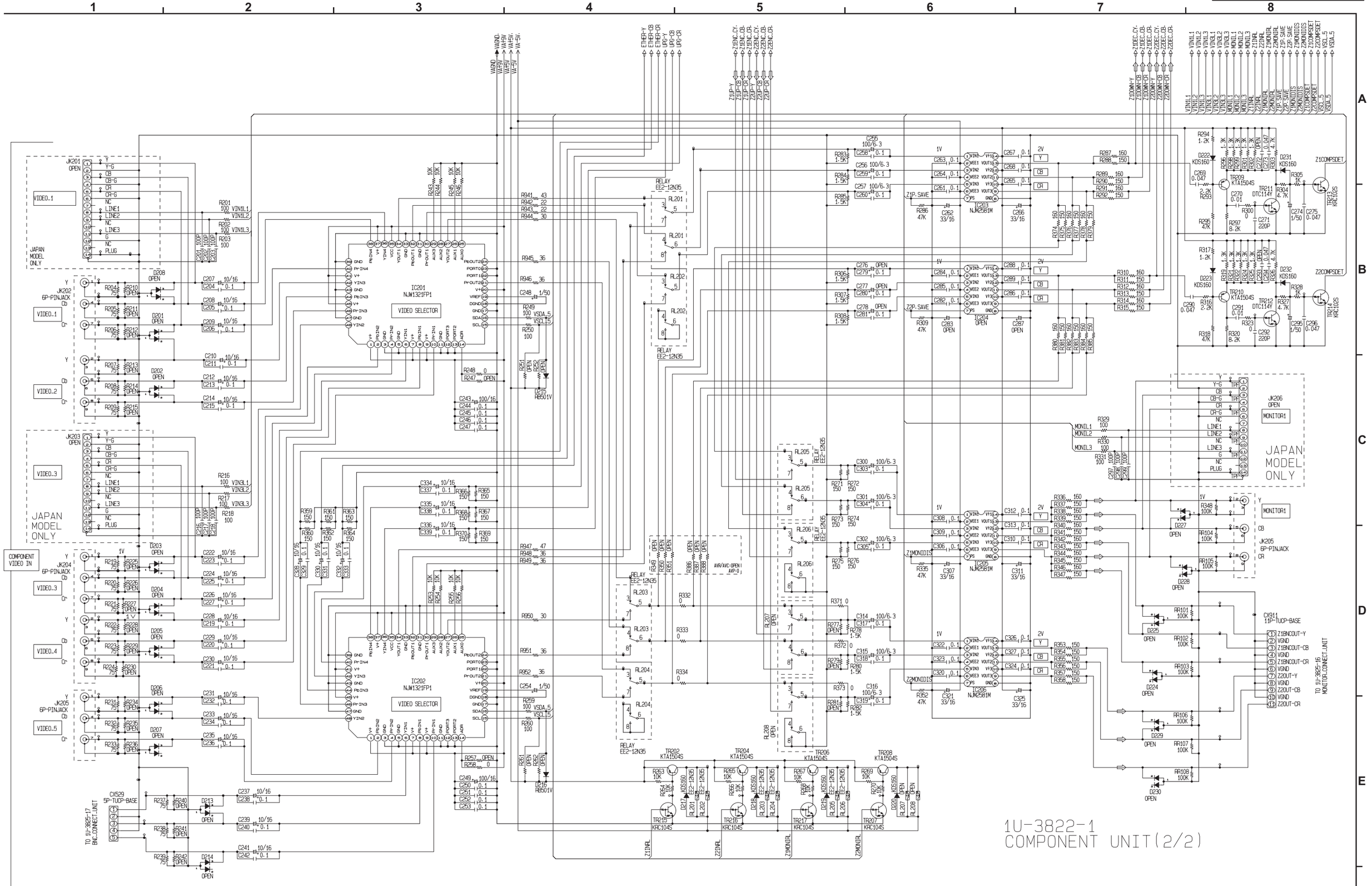
SCHEMATIC DIAGRAMS (21/57)

1U-3821 CPU UNIT (9/9)
1U-3821-2 CPU FRONT UNIT
1U-3821-3 DAC MUTE UNIT



SCHEMATIC DIAGRAMS (22/57)

1U-3822 ANALOG VIDEO UNIT (1/5)
1U-3822-1 COMPONENT UNIT (1/2)



SCHEMATIC DIAGRAMS (23/57)

1U-3822 ANALOG VIDEO UNIT(2/5)

1U-3822-1 COMPONENT UNIT(2/2)

1U-3822-2
S&CVBS_UNIT(1/2)

1 2 3 4 5 6 7 8

A B C D E F

TO S & CVBS

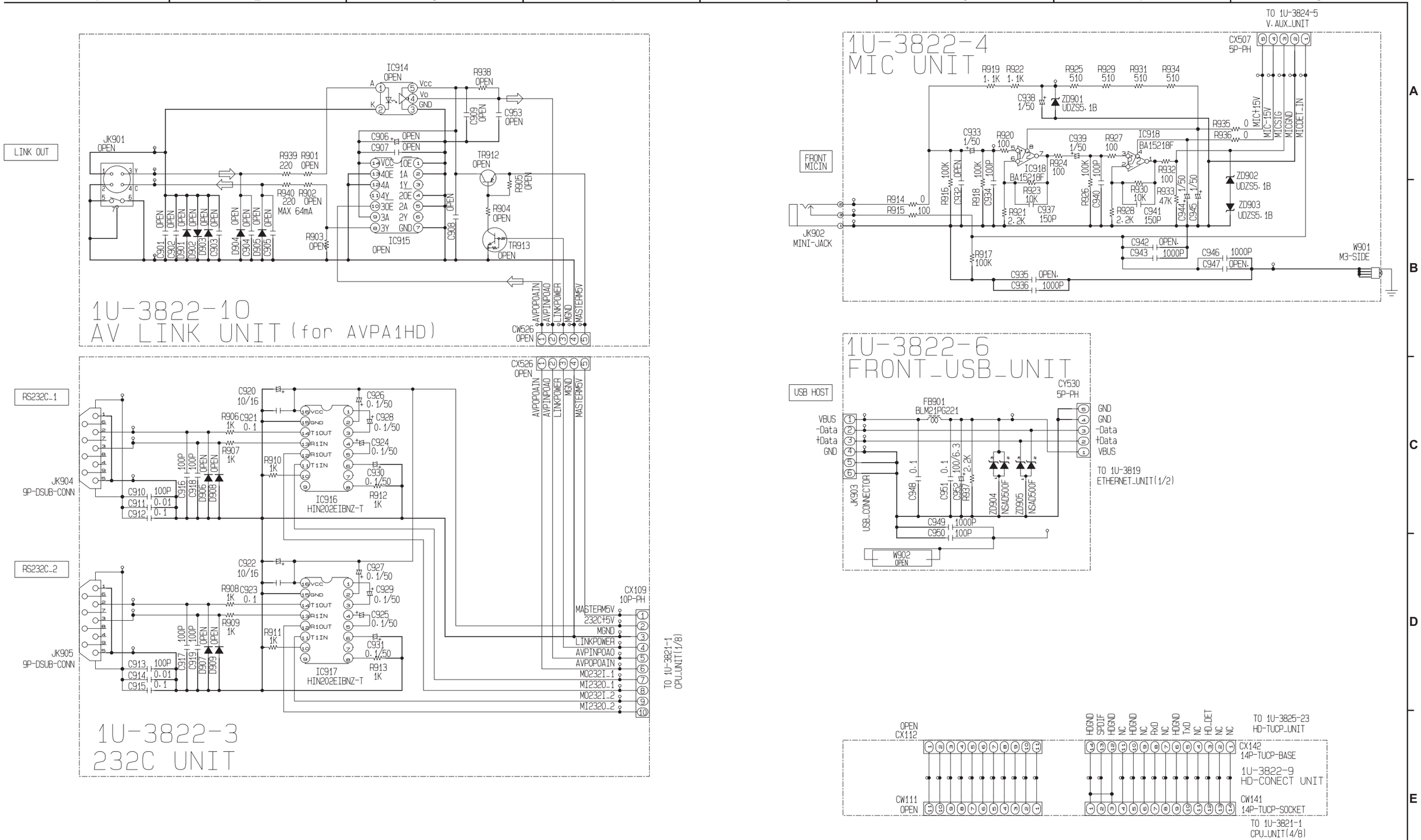
TO 1U-3822-2(1/2)

Z2 OSD VER1

IC709 MM74HC4053SJ

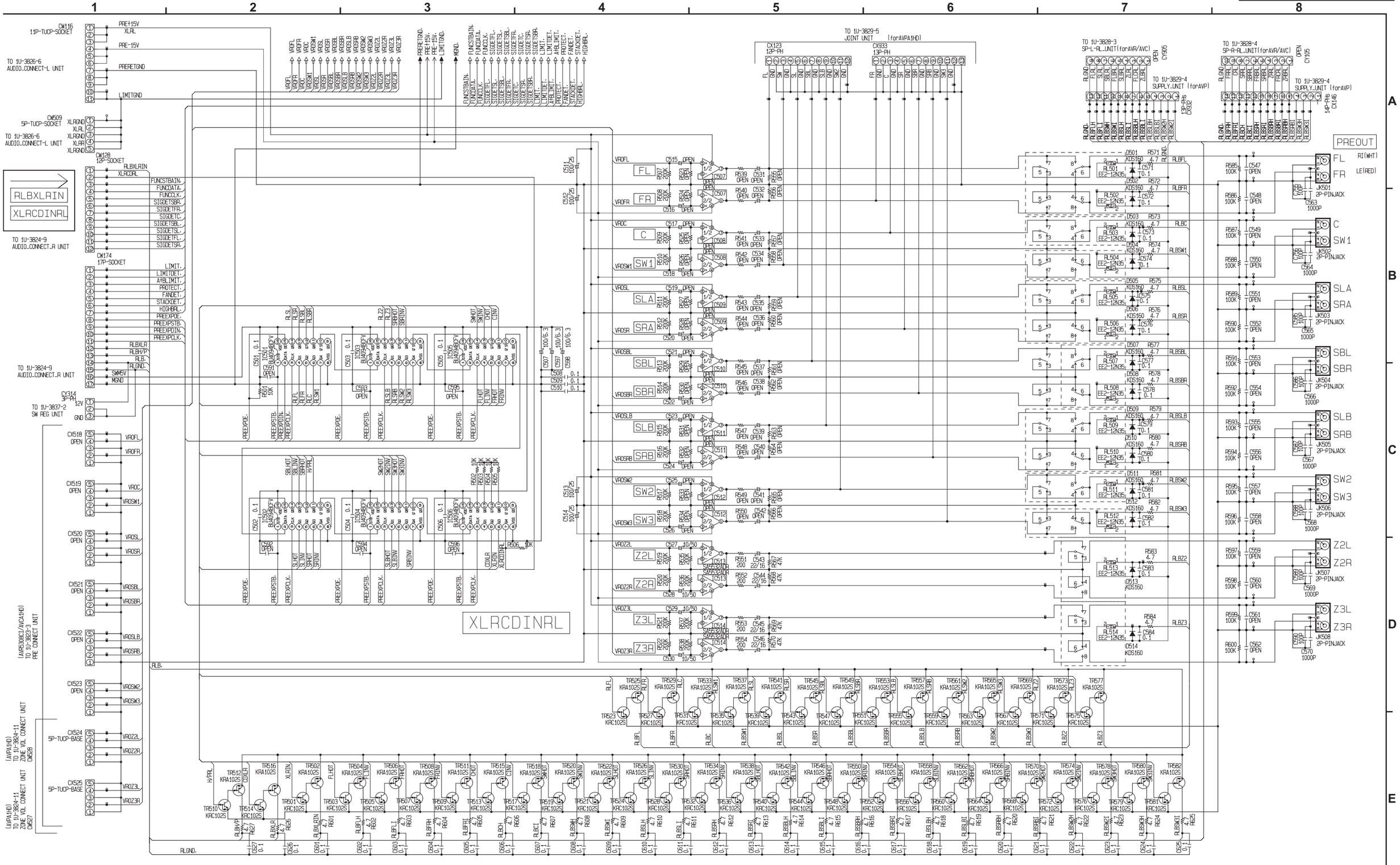
1U-3822-2
S&CVBS_UNIT(2/2)

SCHEMATIC DIAGRAMS (25/57)
1U-3822 ANALOG VIDEO UNIT(4/5)
1U-3822-2 S & CVBS UNIT(2/2)



SCHEMATIC DIAGRAMS (26/57)

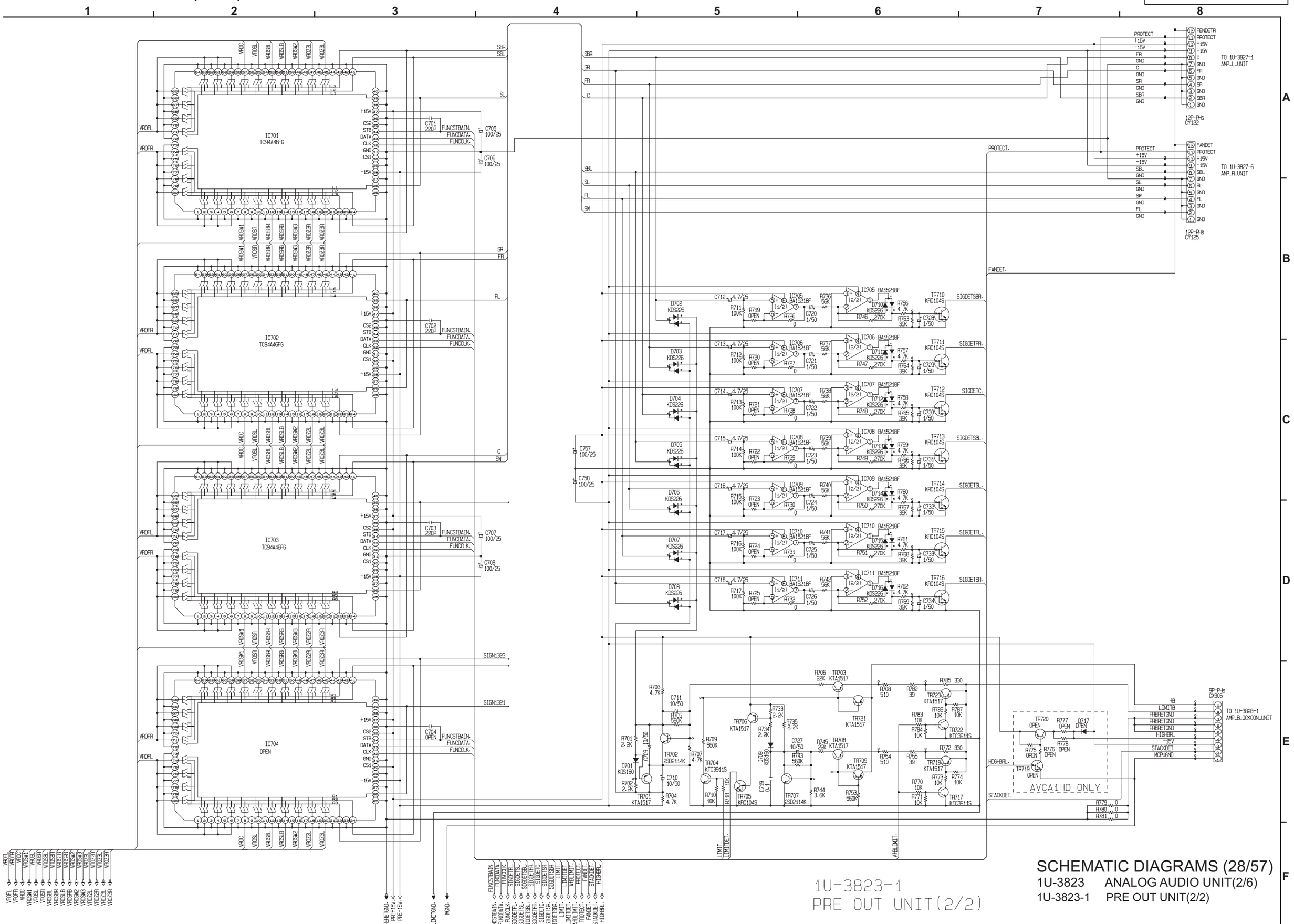
1U-3822 ANALOG VIDEO UNIT (5/5)
1U-3822-3 232C UNIT
1U-3822-4 MIC UNIT
1U-3822-5 MIC SUB UNIT
1U-3822-6 FRONT USB UNIT
1U-3822-9 HD CONNECT UNIT



SCHEMATIC DIAGRAMS (27/57)

1U-3823 ANALOG AUDIO UNIT(1/6)

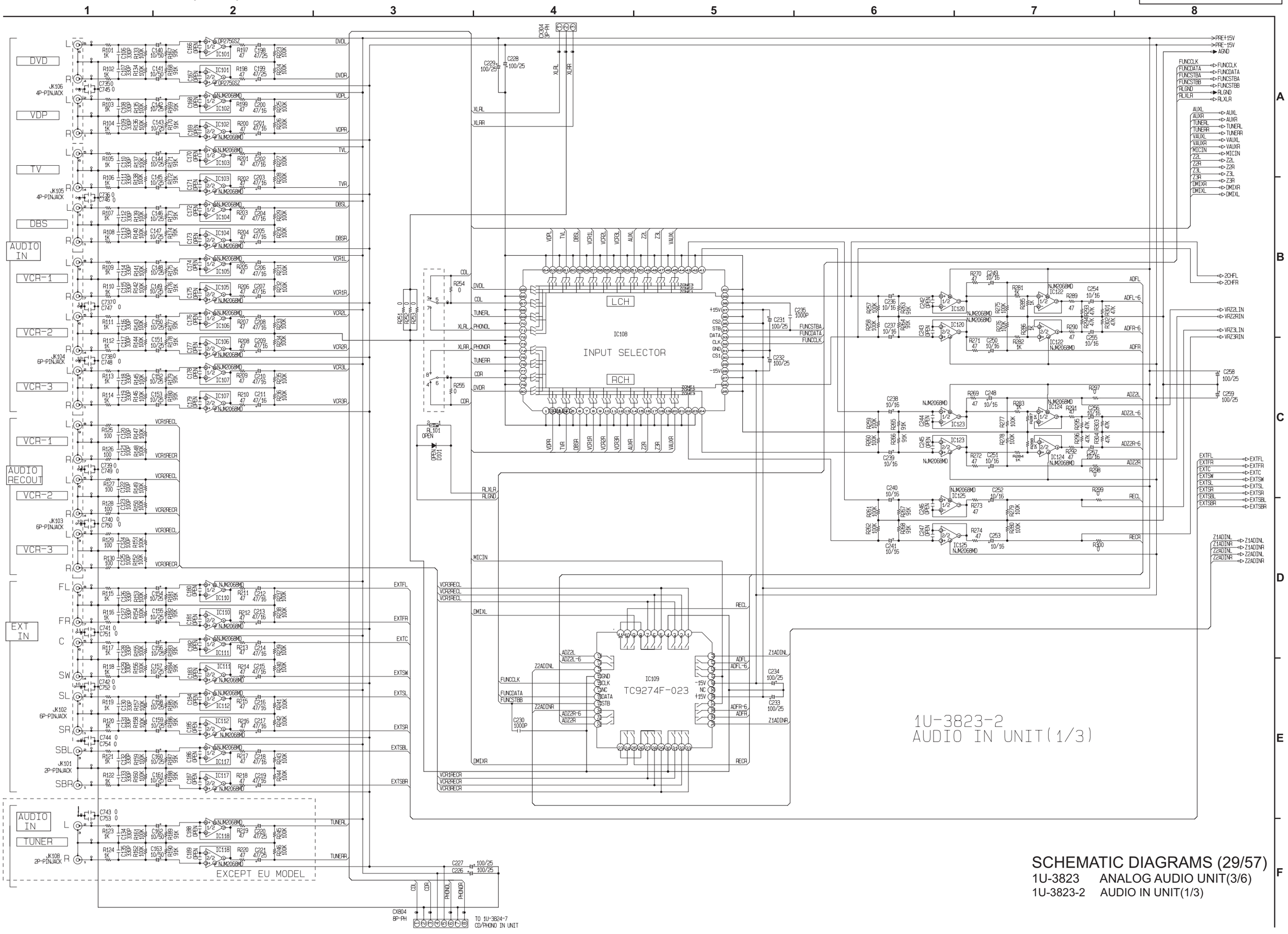
1U-3823-1 PRE OUT UNIT(1/2)



SCHEMATIC DIAGRAMS (28/57)

1U-3823 ANALOG AUDIO UNIT(2/6)

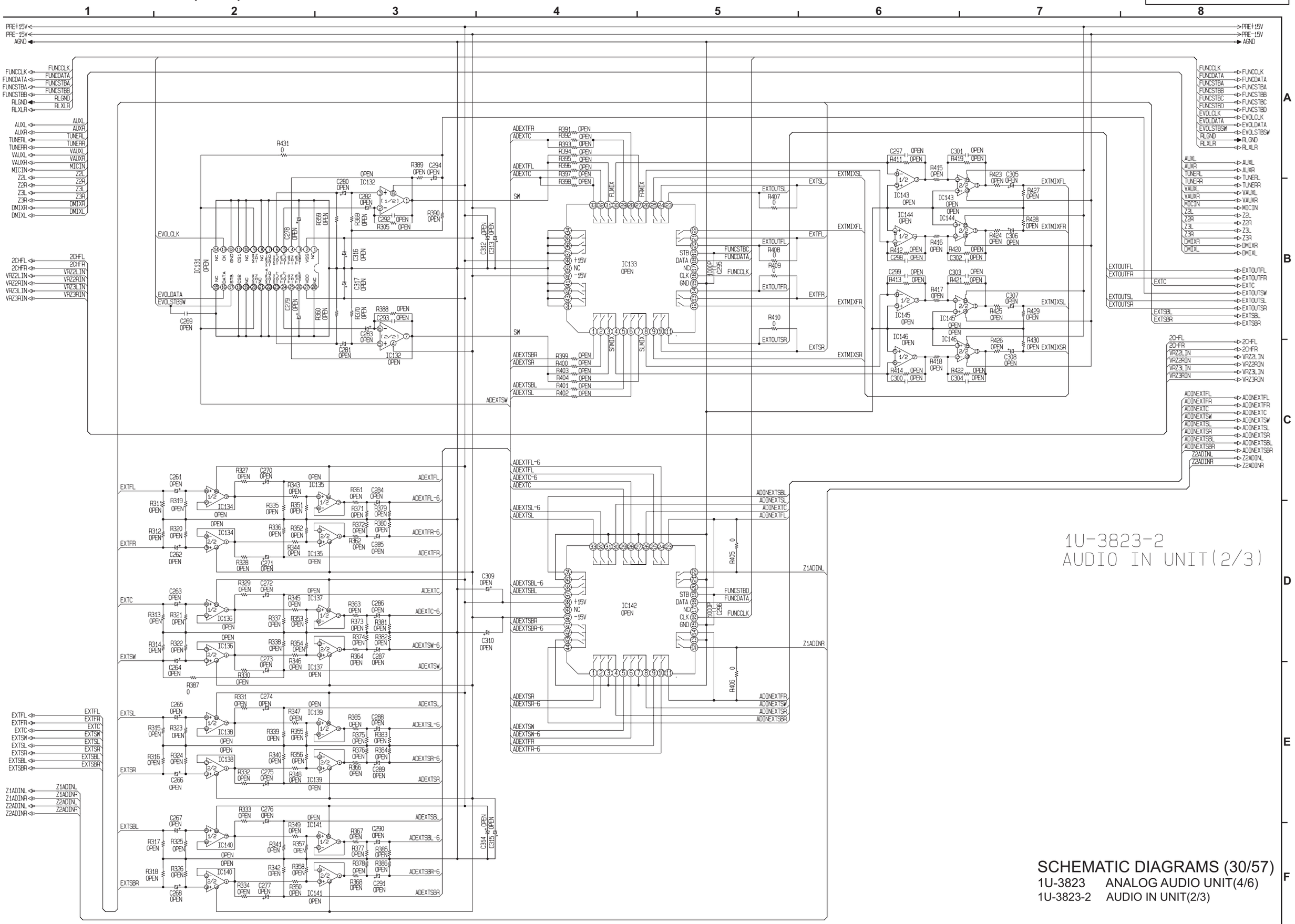
1U-3823-1 PRE OUT UNIT(2/2)



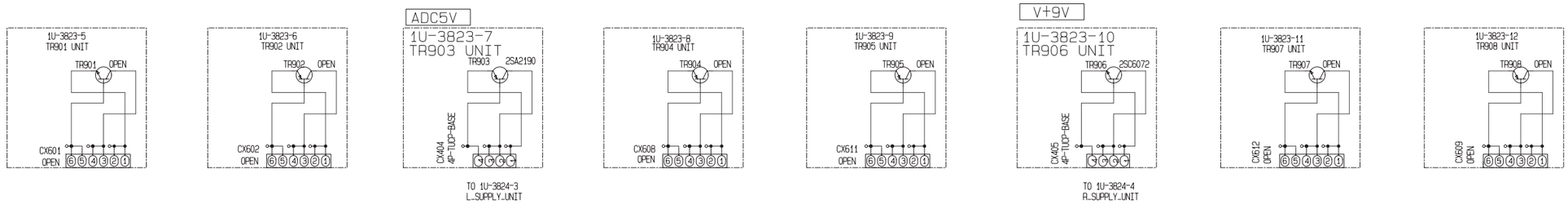
SCHEMATIC DIAGRAMS (29/57)

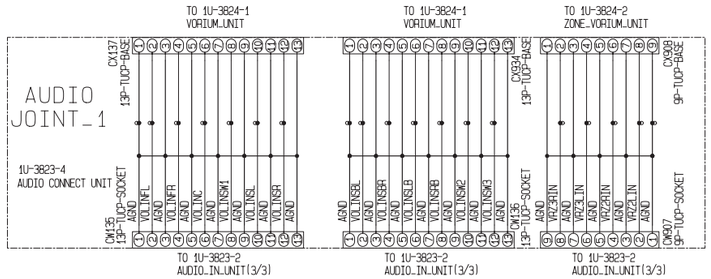
1U-3823 ANALOG AUDIO UNIT(3/6)

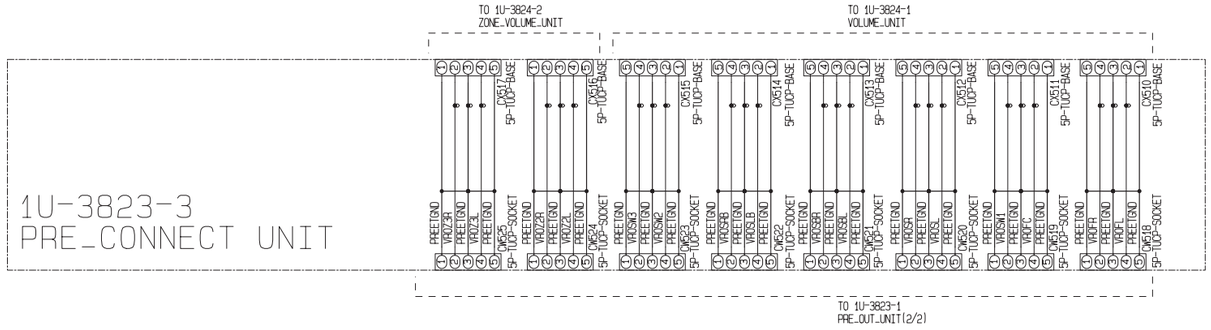
1U-3823-2 AUDIO IN UNIT(1/3)

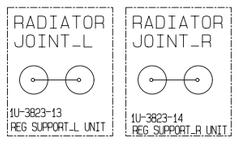

1U-3823-2
AUDIO IN UNIT(2/3)

1U-3823-2
AUDIO IN UNIT(3/3)



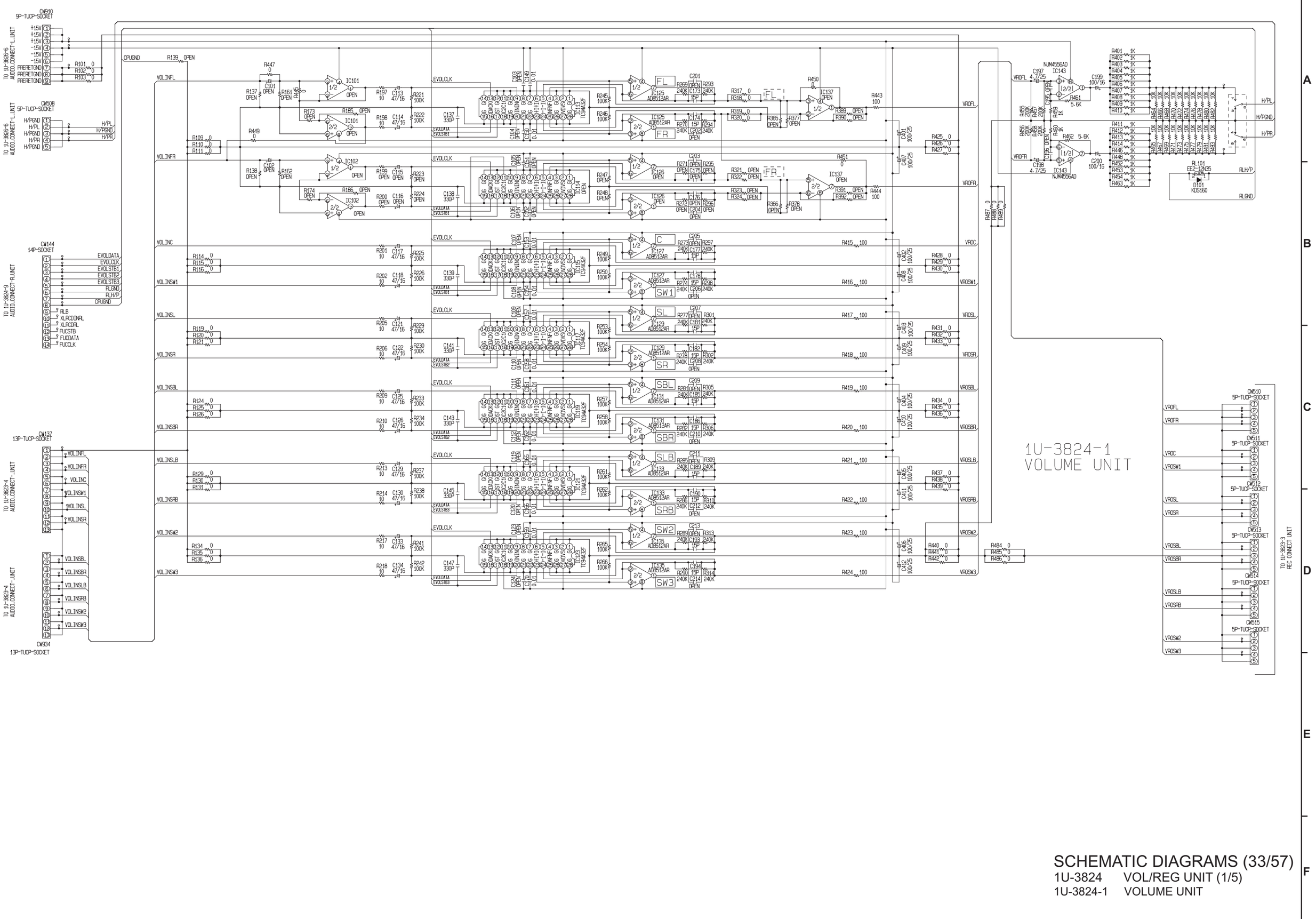






SCHEMATIC DIAGRAMS (32/57)

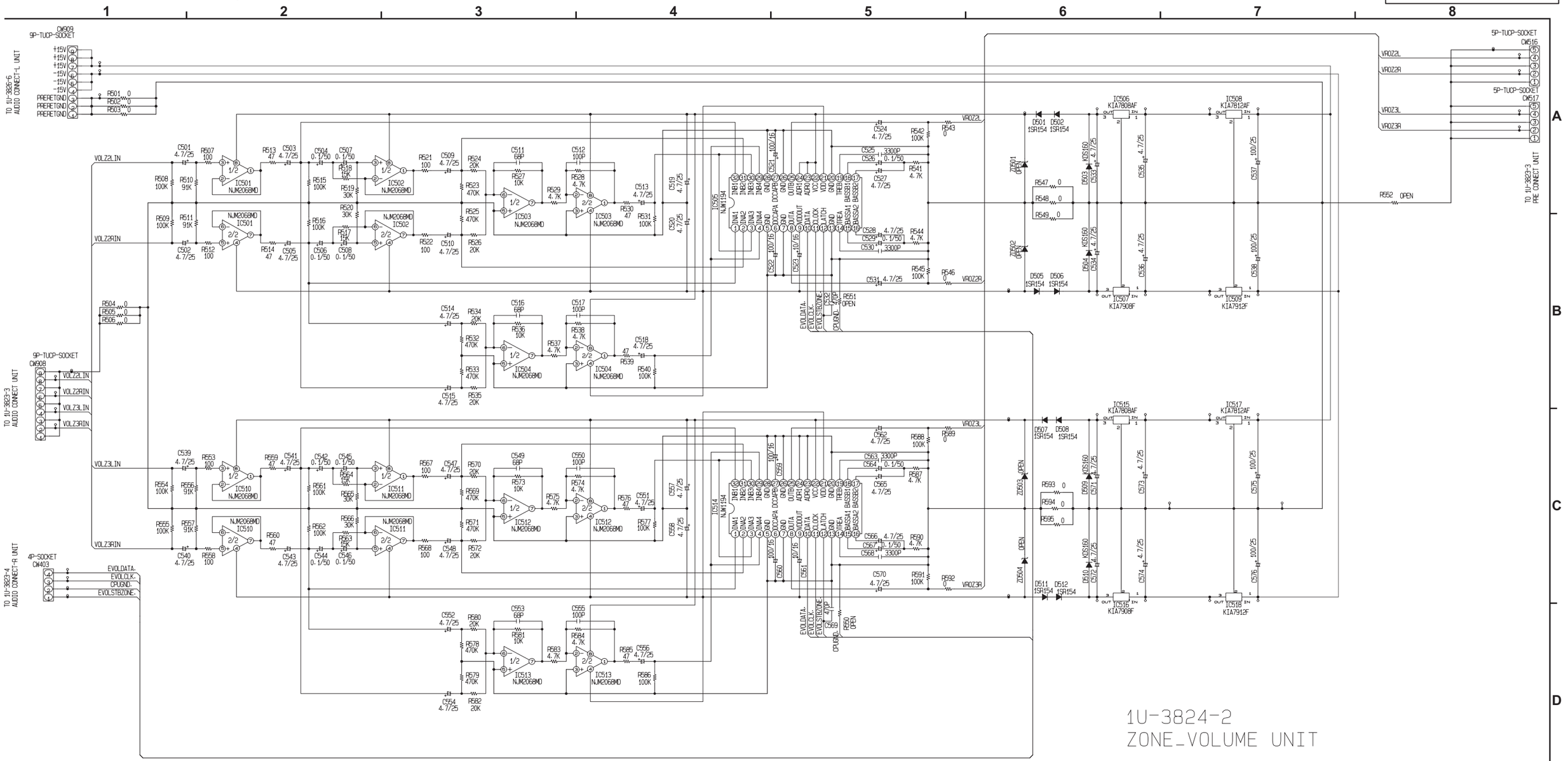
1U-3823 ANALOG AUDIO UNIT (6/6)
1U-3823-3 PRE CONNECT UNIT
1U-3823-4 AUDIO CONNECT UNIT
1U-3823-7 TR903 UNIT
1U-3823-10 TR906 UNIT
1U-3823-13 REG SUPPORT_R UNIT
1U-3823-14 REG SUPPORT_L UNIT

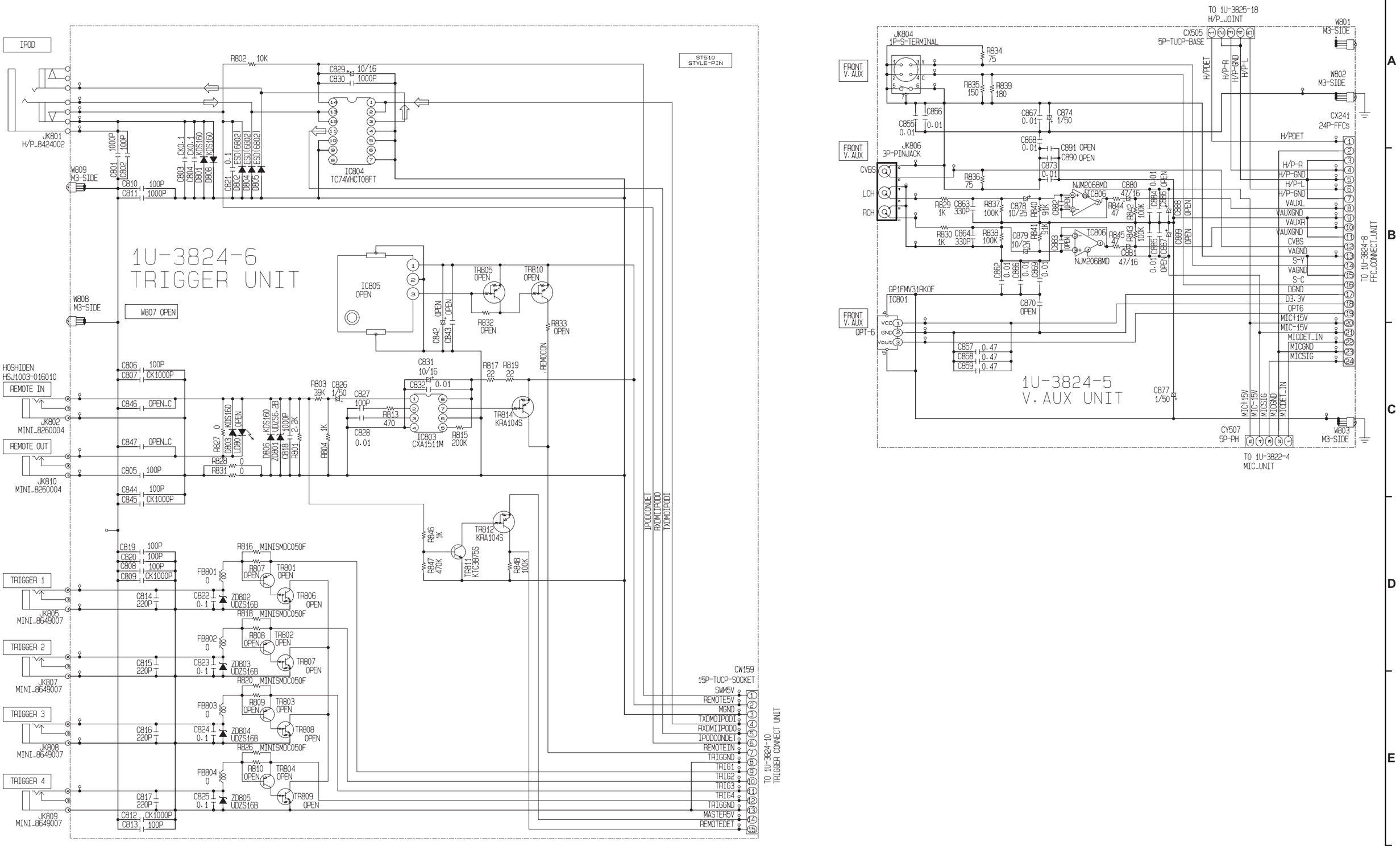


SCHEMATIC DIAGRAMS (33/57)

1U-3824 VOL/REG UNIT (1/5)

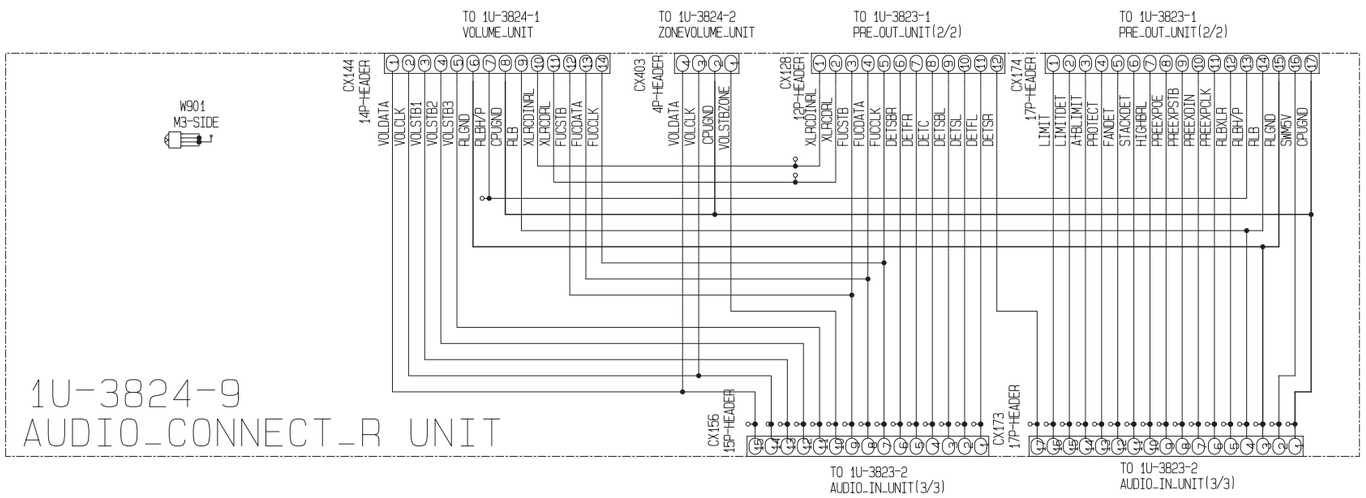
1U-3824-1 VOLUME UNIT

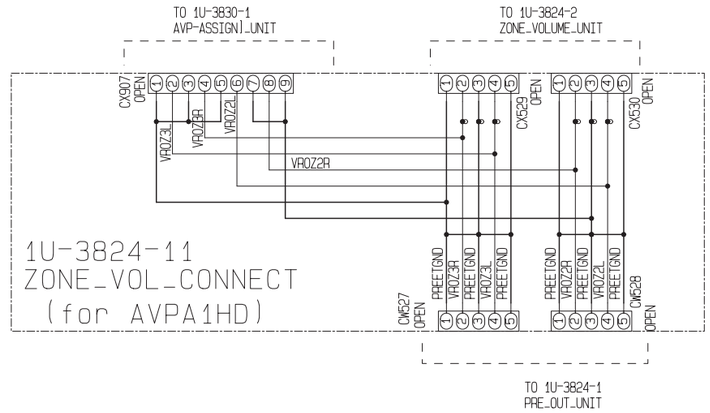

1U-3824-2
ZONE_VOLUME UNIT

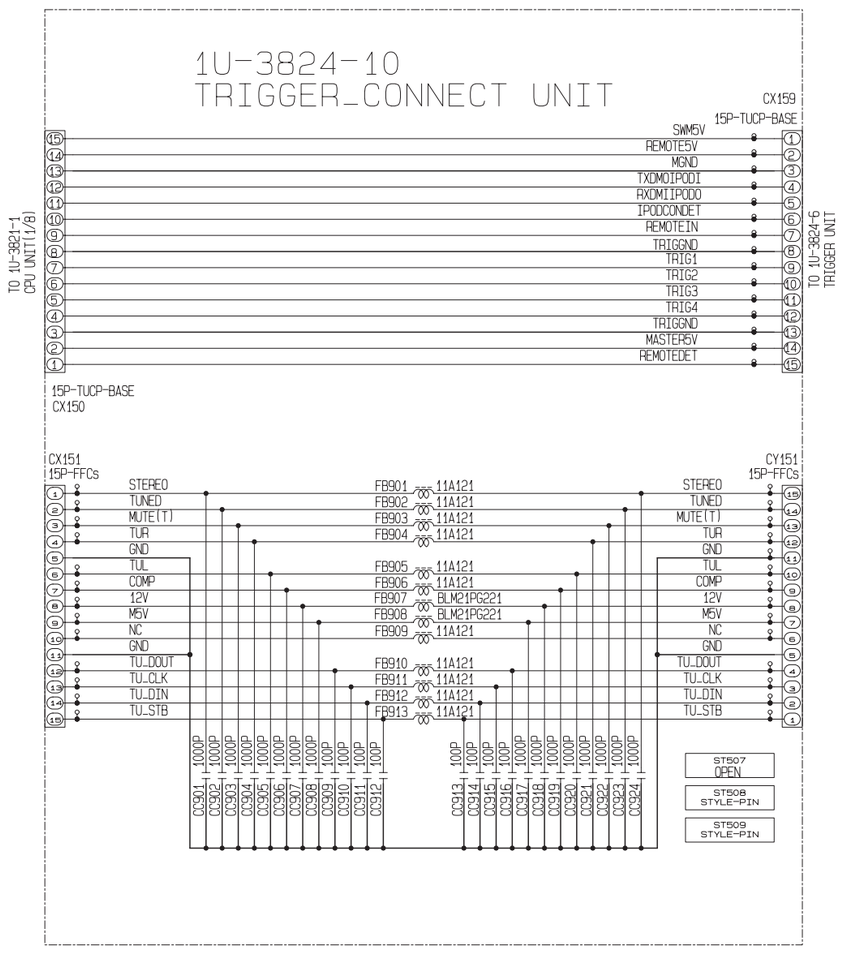


SCHEMATIC DIAGRAMS (35/57)

1U-3824 VOL/REG UNIT (3/5)
1U-3824-5 FRONT IN UNIT
1U-3824-6 TRIGGER UNIT



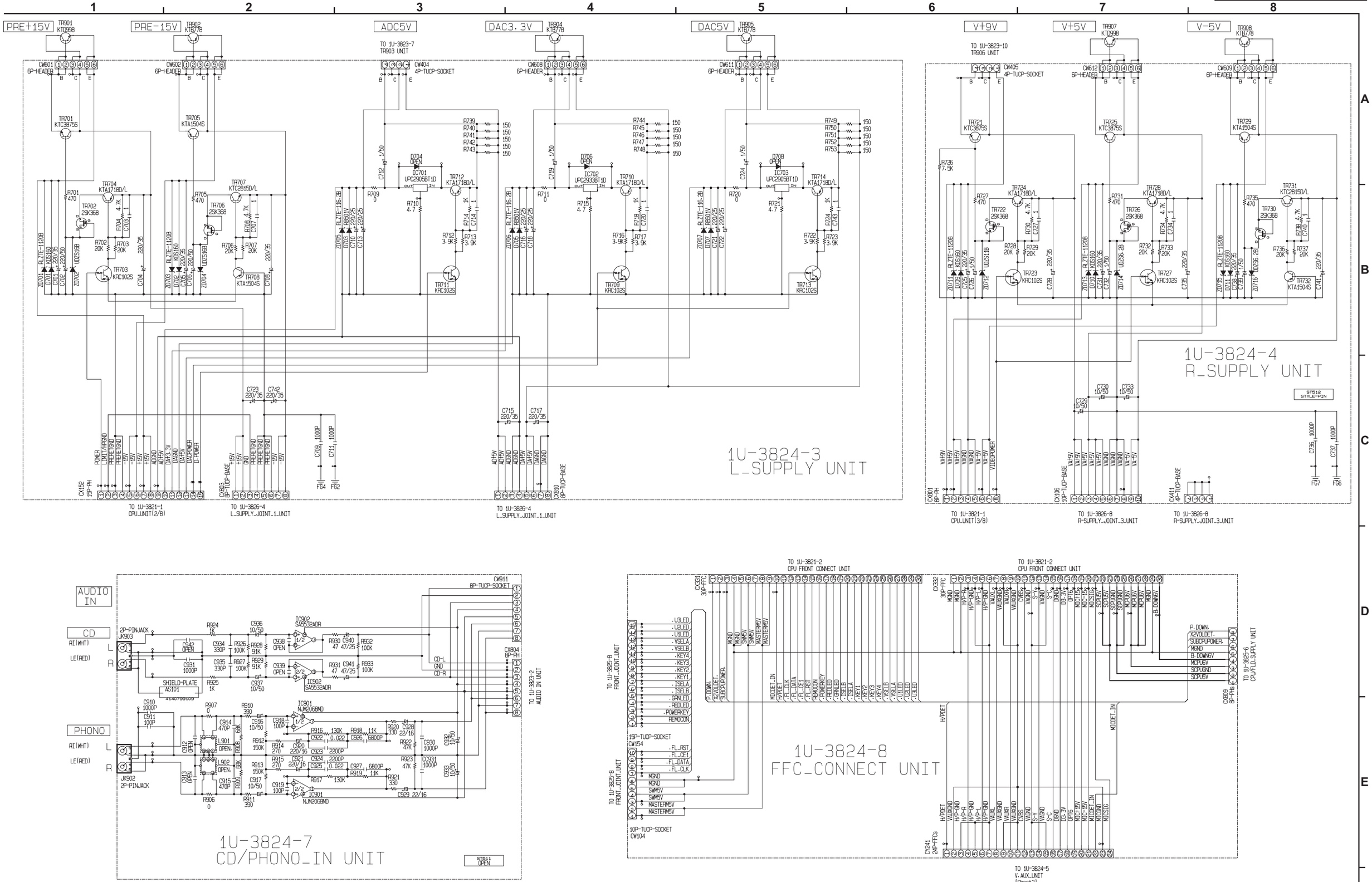




SCHEMATIC DIAGRAMS (36/57)

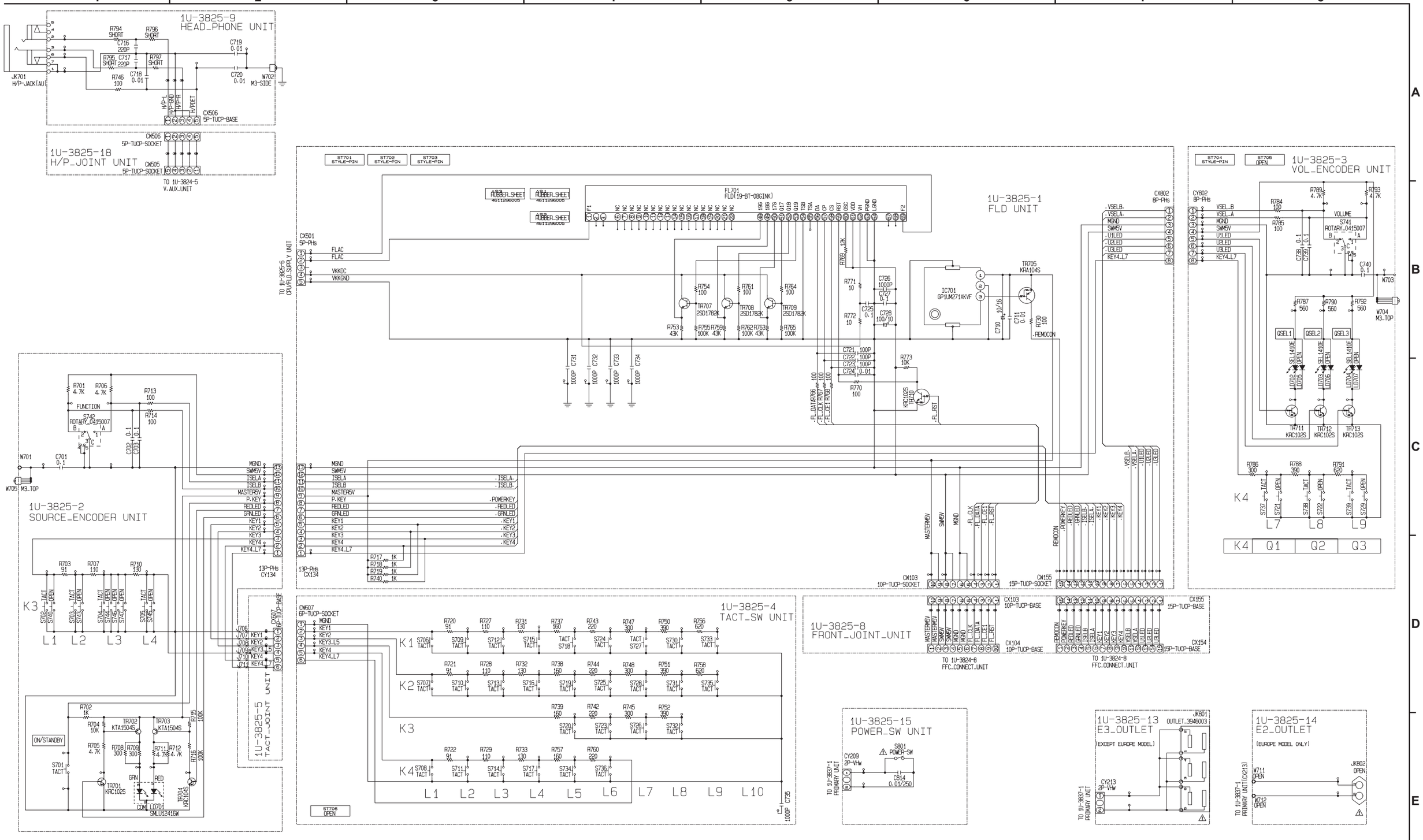
1U-3824	VOL/REG UNIT (4/5)
1U-3824-9	AUDIO CONNECT R UNIT
1U-3824-10	TRIGGER CONNECT UNIT
1U-3824-11	ZONE VOL CONNECT UNIT (for AVP-A1HD model)

SCHEMATIC DIAGRAMS (37/57)



SCHEMATIC DIAGRAMS (37/57)

1U-3824 VOL/REG UNIT (5/5)
1U-3824-3 L SUPPLY UNIT
1U-3824-4 R SUPPLY UNIT
1U-3824-7 CD PHONO IN UNIT
1U-3824-8 FFC CONNECT UNIT



	L1	L2	L3	L4	L5	L6	L7	L8	L9
K1	ZONE4 ON/OFF	STANDARD	PURE DIRECT	RESTORER	NIGHT	MENU	DOWN	RETURN	STATUS
K2	ZONE3 ON/OFF	HOME THX CINEMA	DIRECT STEREO	CINEMA	MUSIC	GAME	LEFT	ENTER	RIGHT
K3	SOURCE	TUNING PRESET	ZONE2/3 4/REC	VIDEO SELECT	DSP SIMU.	7CH STEREO	INPUT MODE	UP	------
K4	ZONE2 ON/OFF	AUDIO DELAY	DIMMER	SCALE	MONITOR SELECT	ROOM EQ	Q.SEL1	Q.SEL2	Q.SEL3

SOURCE	TUNING PRESET	ZONE2/3 4/REC	VIDEO SELECT	
STANDARD	HOME THX CINEMA	DSP SIMU.	7CH STEREO	INPUT MODE
PURE DIRECT	DIRECT STEREO	CINEMA	MUSIC	GAME
		RESTORER	NIGHT	MENU

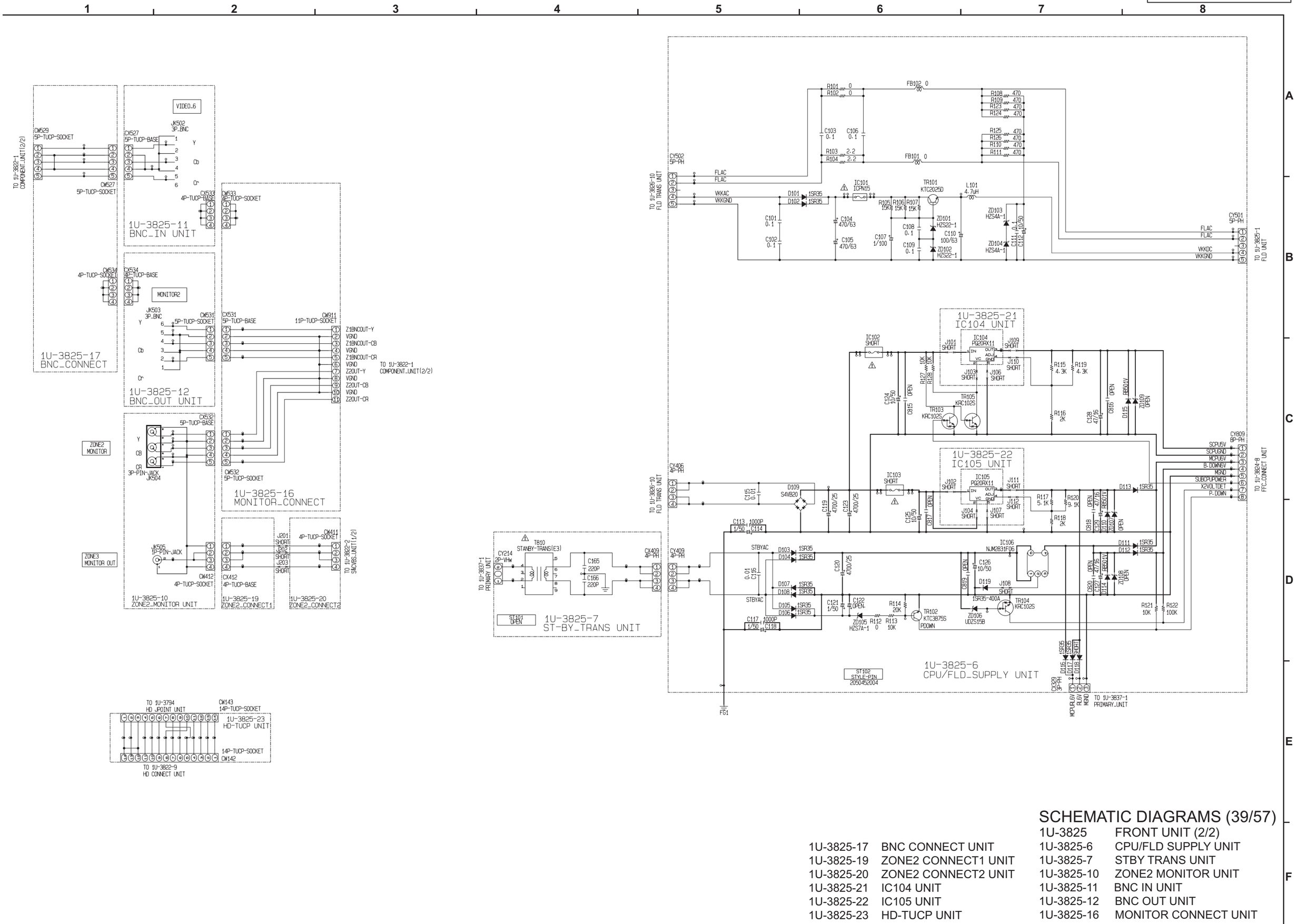
	UP	
LEFT	ENTER	RIGHT
	DOWN	

ZONE2 ON/OFF	ZONE3 ON/OFF	ZONE4 ON/OFF	SCALE	MON/SEL	STATUS
AUDIO DELAY			DIMMER	ROOMEQ	
RETURN					

Q.SEL1	Q.SEL2	Q.SEL3	

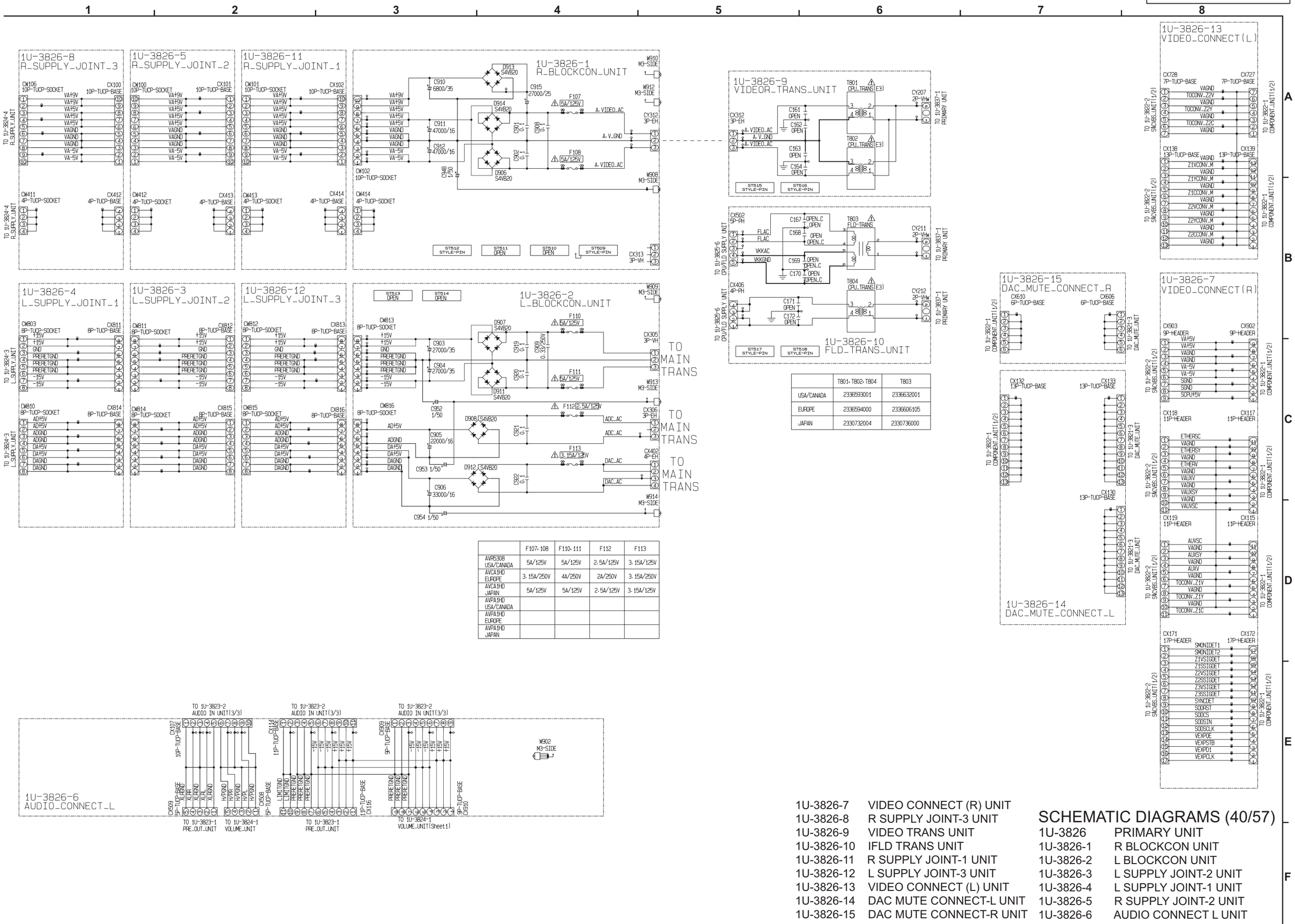
SCHEMATIC DIAGRAMS (38/57)

1U-3825	FRONT UNIT (1/2)		
1U-3825-1	FLD UNIT		
1U-3825-2	SOURCE ENCODER UNIT		
1U-3825-3	VOL ENCODER UNIT		
1U-3825-4	TACT SW UNIT		
1U-3825-5	TACT JOINT UNIT		
1U-3825-8	FRONT JOINT UNIT		
1U-3825-9	HEAD PHONE UNIT		
1U-3825-13	E3 OUTLET UNIT		
1U-3825-14	E2 OUTLET UNIT		
1U-3825-15	POWER SW UNIT		
1U-3825-18	H/P JOINT UNIT		



1U-3825-17	BNC CONNECT UNIT	1U-3825	FRONT UNIT (2/2)
1U-3825-19	ZONE2 CONNECT1 UNIT	1U-3825-6	CPU/FLD SUPPLY UNIT
1U-3825-20	ZONE2 CONNECT2 UNIT	1U-3825-7	STBY TRANS UNIT
1U-3825-21	IC104 UNIT	1U-3825-10	ZONE2 MONITOR UNIT
1U-3825-22	IC105 UNIT	1U-3825-11	BNC IN UNIT
1U-3825-23	HD-TUCP UNIT	1U-3825-12	BNC OUT UNIT
		1U-3825-16	MONITOR CONNECT UNIT

SCHEMATIC DIAGRAMS (40/57)



	T801, T802, T804	T803
USA/CANADA	2336593001	2336632001
EUROPE	2336594000	2336606105
JAPAN	2330732004	2330736000

	F107, 108	F110, 111	F112	F113
AVR5308 USA/CANADA	5A/125V	5A/125V	2.5A/125V	3.15A/125V
AVCA1HD EUROPE	3.15A/250V	4A/250V	2A/250V	3.15A/250V
AVCA1HD JAPAN	5A/125V	5A/125V	2.5A/125V	3.15A/125V
AVPA1HD USA/CANADA				
AVPA1HD EUROPE				
AVPA1HD JAPAN				

1U-3826-7	VIDEO CONNECT (R) UNIT	SCHEMATIC DIAGRAMS (40/57)	
1U-3826-8	R SUPPLY JOINT-3 UNIT	1U-3826	PRIMARY UNIT
1U-3826-9	VIDEO TRANS UNIT	1U-3826-1	R BLOCKCON UNIT
1U-3826-10	IFLD TRANS UNIT	1U-3826-2	L BLOCKCON UNIT
1U-3826-11	R SUPPLY JOINT-1 UNIT	1U-3826-3	L SUPPLY JOINT-2 UNIT
1U-3826-12	L SUPPLY JOINT-3 UNIT	1U-3826-4	L SUPPLY JOINT-1 UNIT
1U-3826-13	VIDEO CONNECT (L) UNIT	1U-3826-5	R SUPPLY JOINT-2 UNIT
1U-3826-14	DAC MUTE CONNECT-L UNIT	1U-3826-6	AUDIO CONNECT L UNIT
1U-3826-15	DAC MUTE CONNECT-R UNIT		

1U-3827-1
AMP_L UNIT

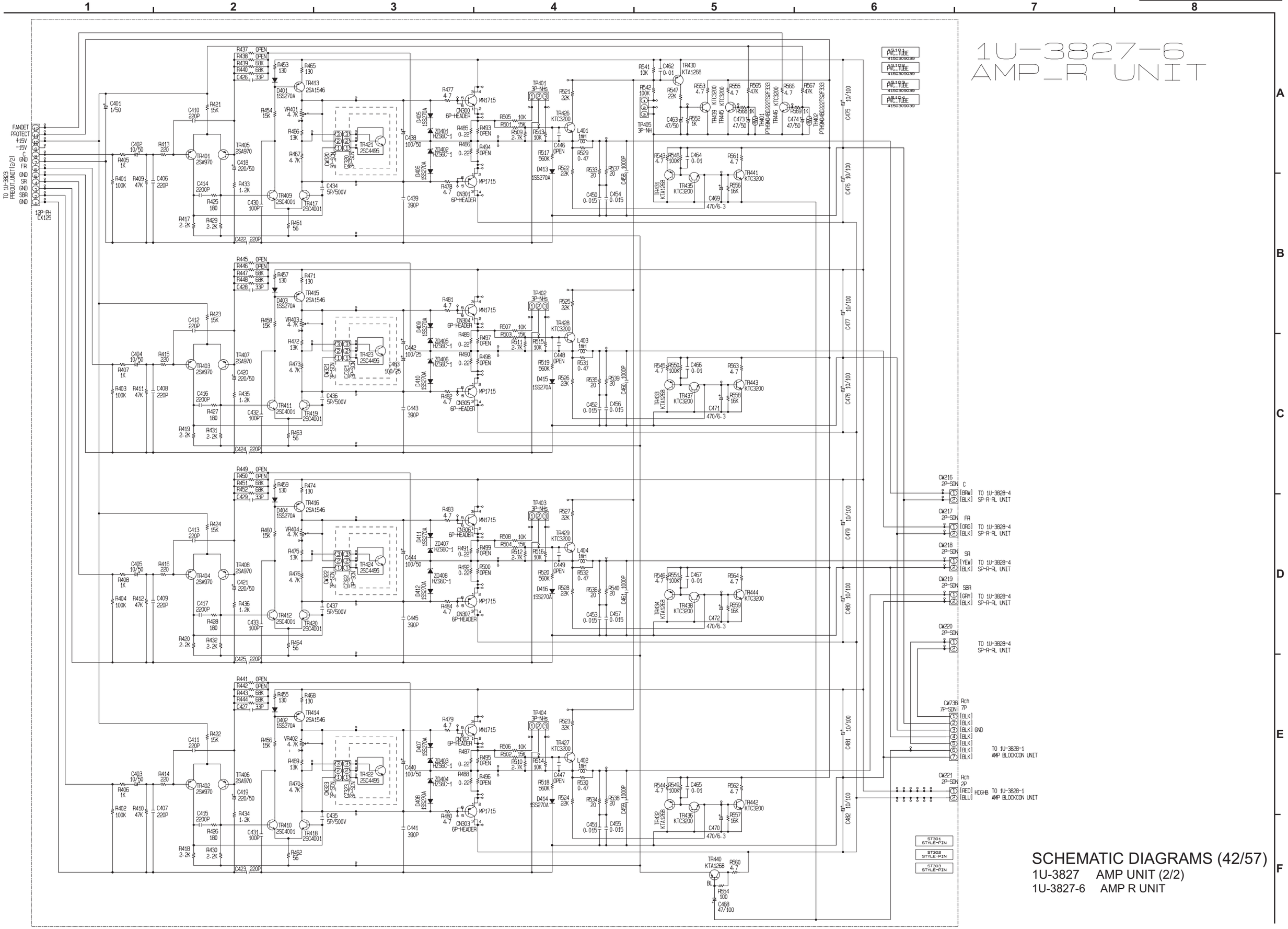
TO 1U-3823-1 PREOUT_UNIT(2/2)
FANDET
PROTECT
+15V
-15V
SBL
GND
SL
GND
FL
GND
OPEN
OPEN
12P-PH CX122

CW201 2P-SDN SBL [GRY] [BLK] TO 1U-3828-3 SP-L-RL UNIT
CW202 2P-SDN SL [YEW] [BLK] TO 1U-3828-3 SP-L-RL UNIT
CW203 2P-SDN FL [ORG] [BLK] TO 1U-3828-3 SP-L-RL UNIT
CW204 OPEN
CW205 2P-SDN TO 1U-3828-3 SP-L-RL UNIT
CW732 Lch 7P-SDN 7P [GRY] [GRY] [GRY] GND [GRY] [GRY] [GRY] [GRY] TO 1U-3828-1 AMP BLOCKCON UNIT
CW208 Lch 2P 2P-SDN [RED] [BLU] HIGHB TO 1U-3828-1 AMP BLOCKCON UNIT

ST101 STYLE-PIN
ST102 STYLE-PIN
ST103 STYLE-PIN

SCHEMATIC DIAGRAMS (41/57)
1U-3827 AMP UNIT (1/2)
1U-3827-1 AMP L UNIT

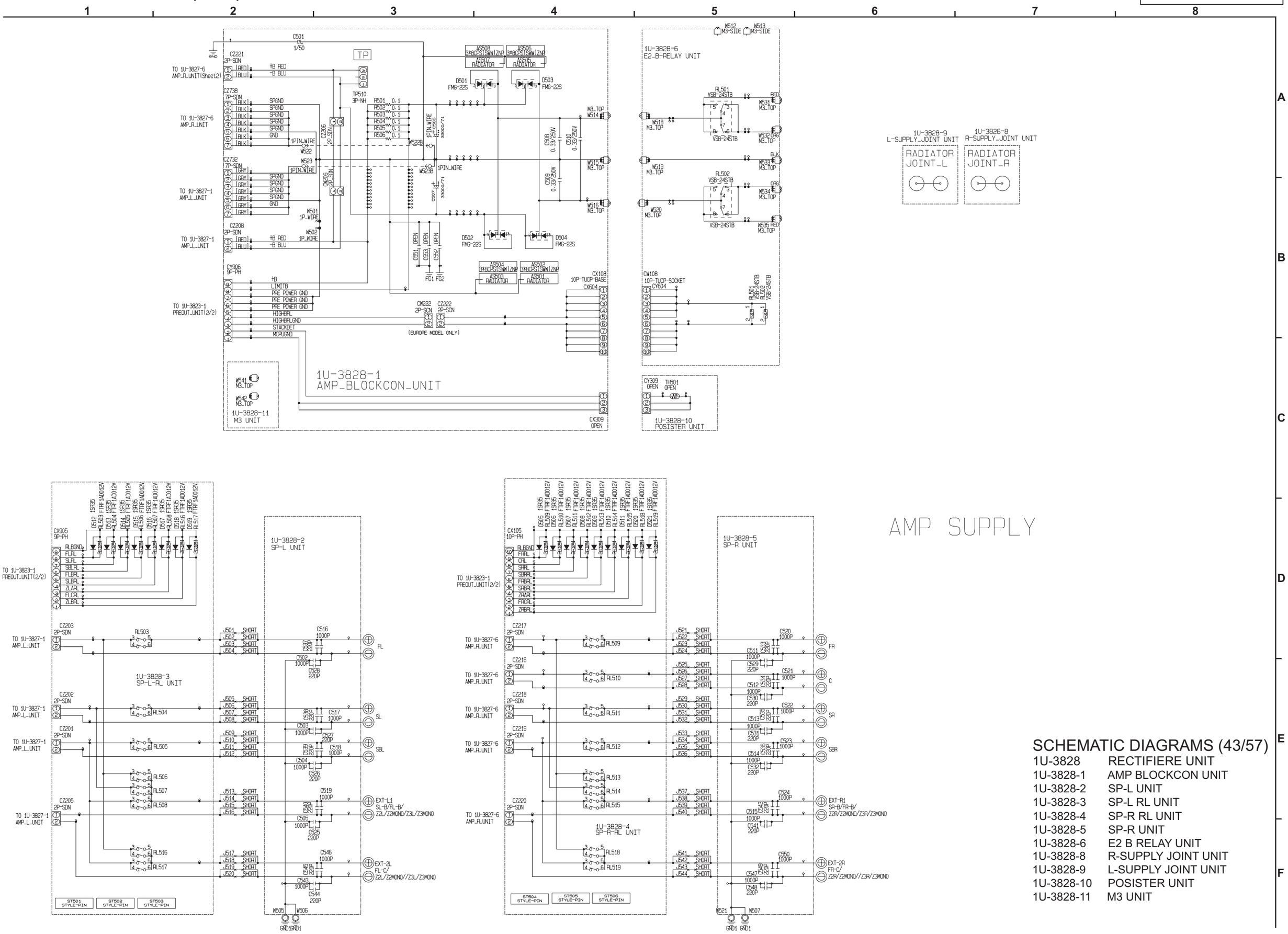
1U-3827-6
AMP_R UNIT



SCHEMATIC DIAGRAMS (42/57)

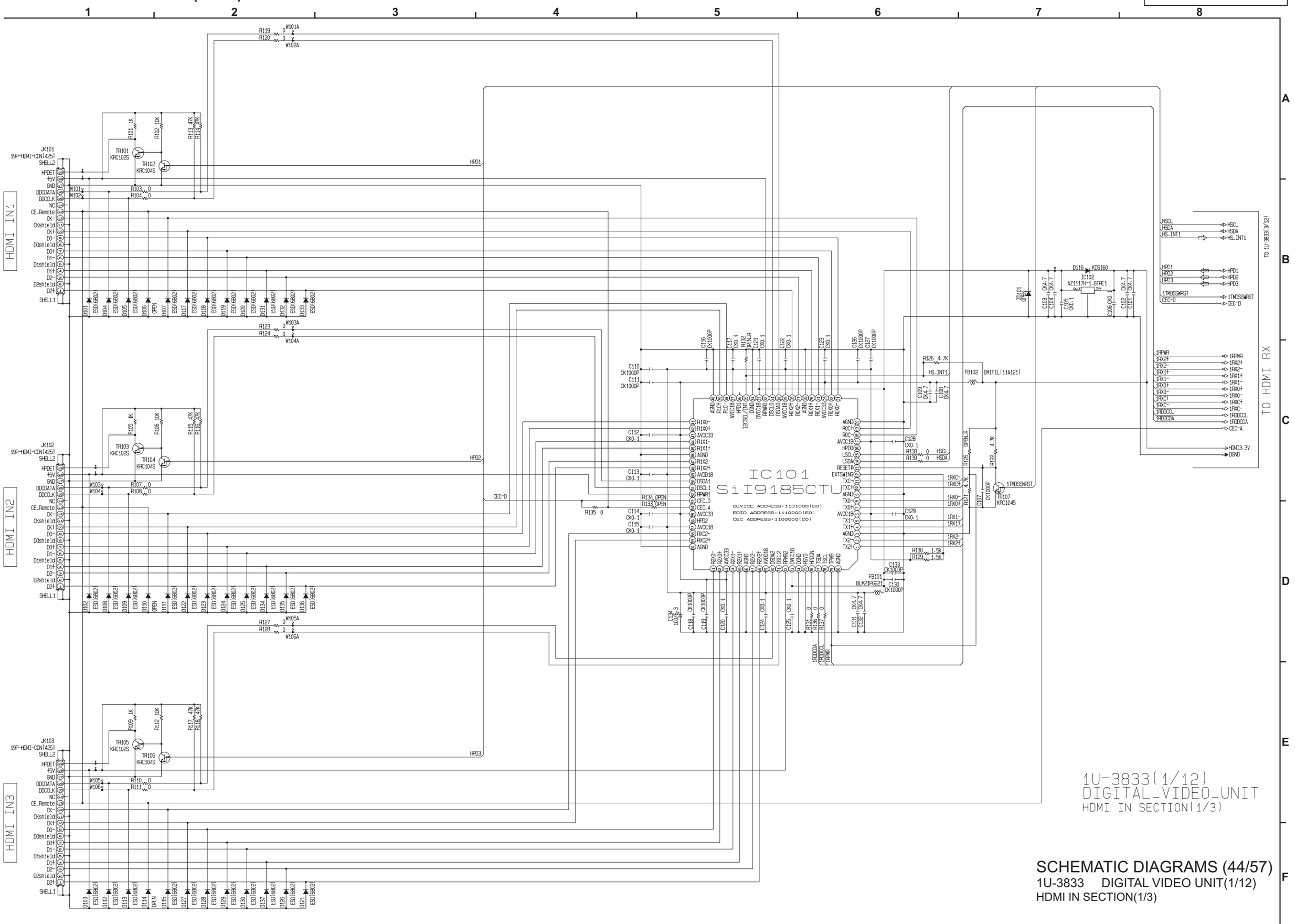
1U-3827 AMP UNIT (2/2)

1U-3827-6 AMP R UNIT



SCHEMATIC DIAGRAMS (43/57)

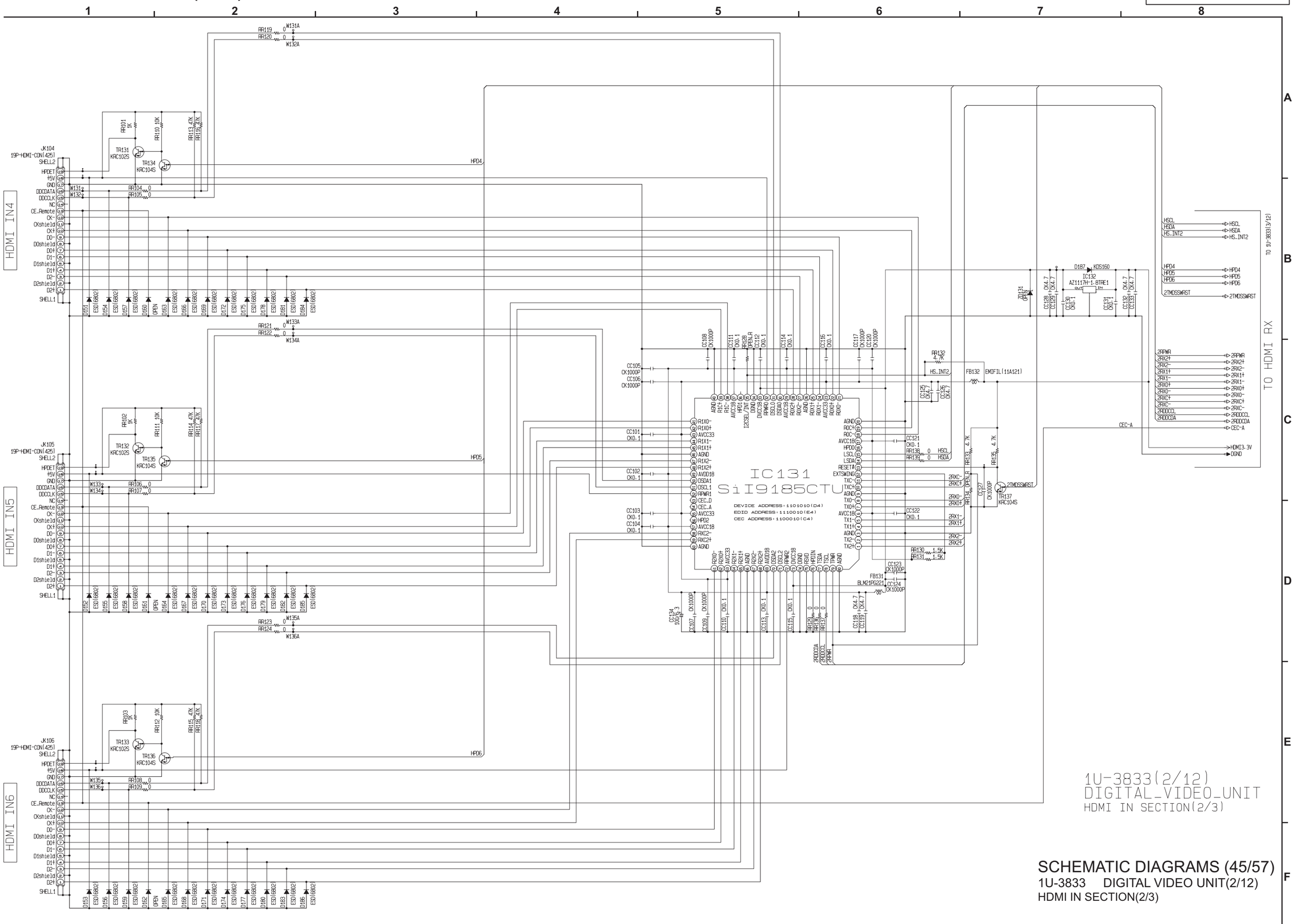
1U-3828	RECTIFIERE UNIT
1U-3828-1	AMP BLOCKCON UNIT
1U-3828-2	SP-L UNIT
1U-3828-3	SP-L RL UNIT
1U-3828-4	SP-R RL UNIT
1U-3828-5	SP-R UNIT
1U-3828-6	E2 B RELAY UNIT
1U-3828-8	R-SUPPLY JOINT UNIT
1U-3828-9	L-SUPPLY JOINT UNIT
1U-3828-10	POSISTER UNIT
1U-3828-11	M3 UNIT



SCHEMATIC DIAGRAMS (44/57)

1U-3833 DIGITAL VIDEO UNIT(1/12)

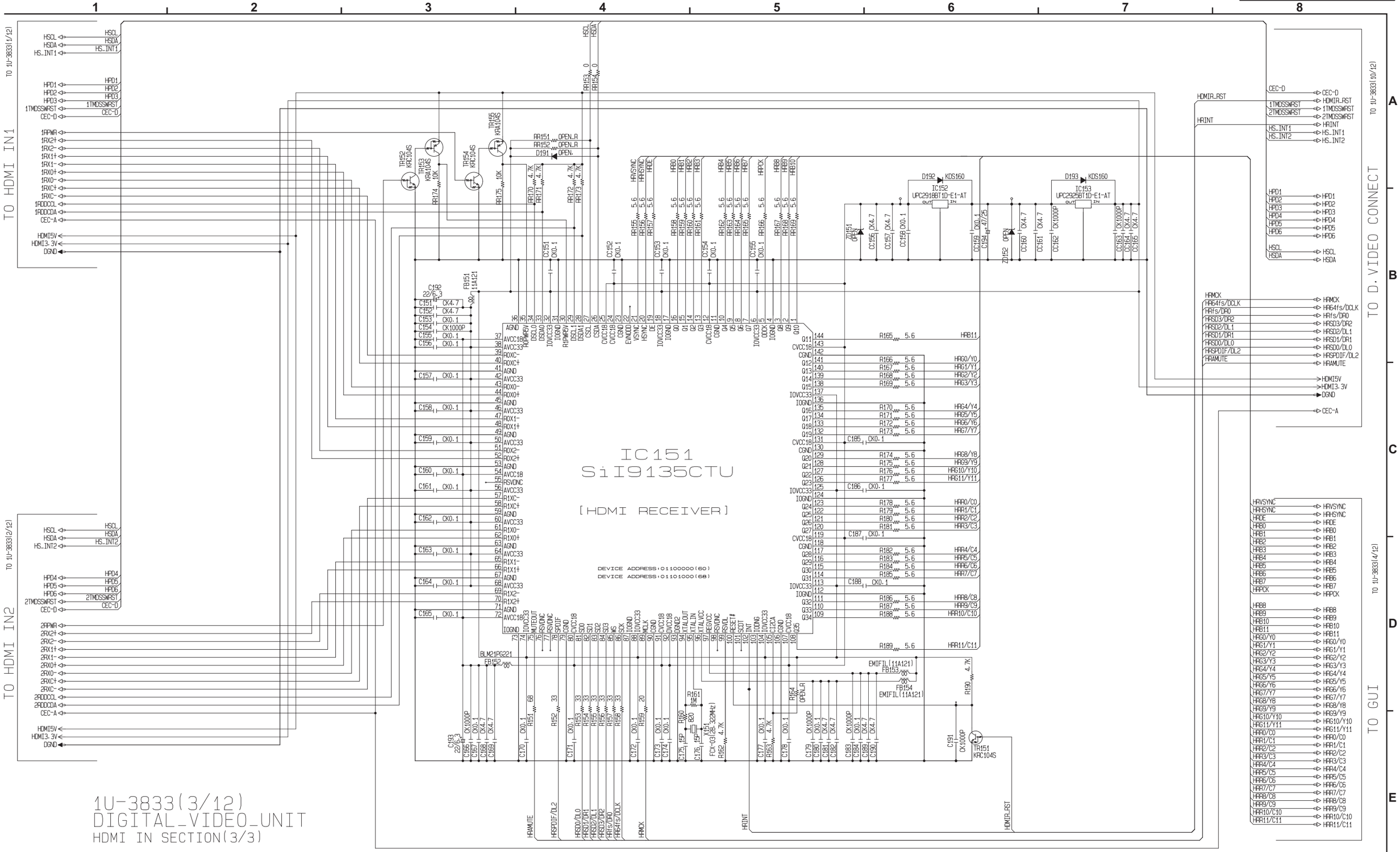
HDMI IN SECTION(1/3)



SCHEMATIC DIAGRAMS (45/57)

1U-3833 DIGITAL VIDEO UNIT(2/12)

HDMI IN SECTION(2/3)



SCHEMATIC DIAGRAMS (46/57)

1U-3833 DIGITAL VIDEO UNIT(3/12)

HDMI IN SECTION(3/3)

SCHEMATIC DIAGRAMS (47/57)

AVR-5308CI / AVC-A1HD

1 2 3 4 5 6 7 8

A B C D E F

to VIDEO ENCODER BLOCK TO 1U-3833(8/12)

to HDMI TRANSMITTER TO 1U-3833(5/12)

FROM VIDEO DECODER

TO 1U-3833(8/12)

IC201
EP2C35F484
TOP VIEW

From HDMI RECEIVER

TO 1U-3833(3/12)

1U-3833(4/12)
DIGITAL_VIDEO_UNIT
V. CONVERT SECTION

IC209
W942568DH-5

IC208
M25P64-VMF6TG

IC211
TC74VHC244FT

IC206
LM2832XMY

IC207
LP2995M

IC210
EPCS16SI16N

IC212 IC213 IC214 IC215
CDCVF2505PWR

IC204 IC203
UPC2958BT1D

D202 D201 D203
KDS160

[64M FLASH ROM]

[48MHz OSC.]

T.P

TO I/P CONVERTER TO 1U-3833(11/12)

From I/P CONVERTER TO 1U-3833(11/12)

TO D.VIDEO CONNECT TO 1U-3833(10/12)

SCHEMATIC DIAGRAMS (47/57)
1U-3833 DIGITAL VIDEO UNIT(4/12)
V. CONVERT SECTION

TO D.VIDEO CONNECT

TO 1U-3833(10/12)

TO GUI

TO 1U-3833(4/12)

TO HDMI TX1

TO 1U-3833(6/12)

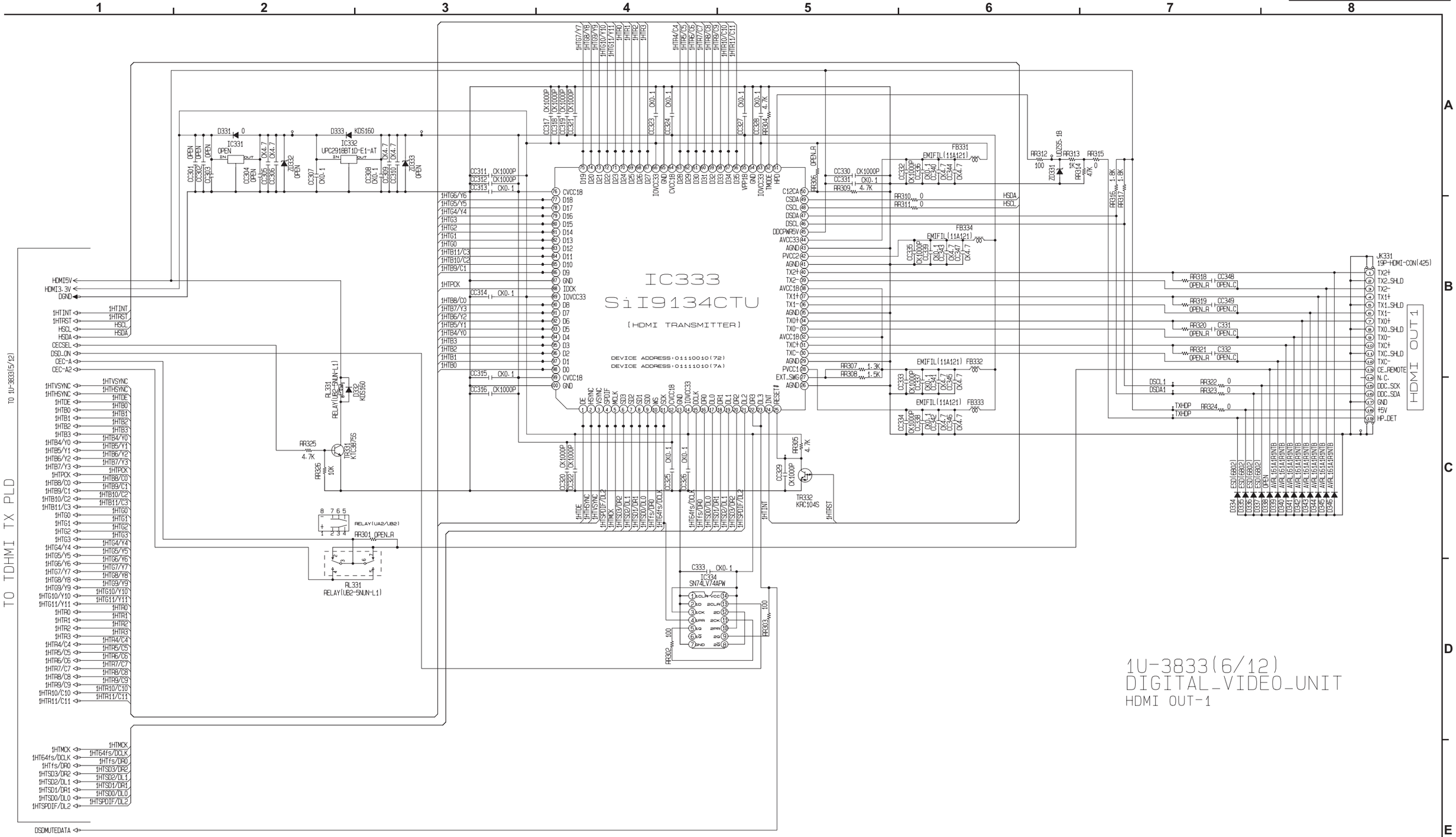
TO HDMI TX2

TO 1U-3833(7/12)

IC301 EPM570F256C5N [TOP VIEW]

1U-3833(5/12)
DIGITAL_VIDEO_UNIT
HDMI TX PLD

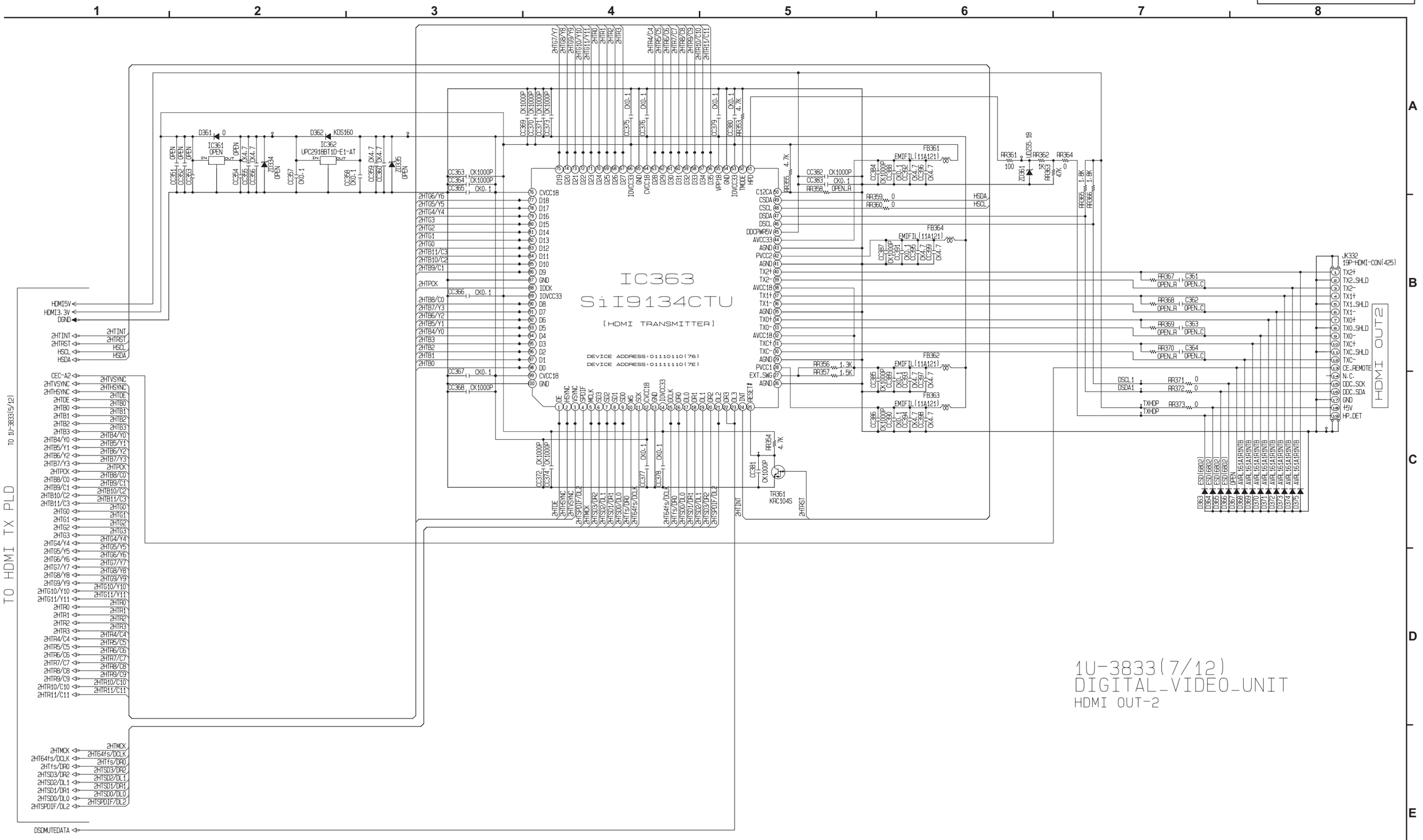
SCHEMATIC DIAGRAMS (48/57)
1U-3833 DIGITAL VIDEO UNIT(5/12)
HDMI TX PLD



SCHEMATIC DIAGRAMS (49/57)

1U-3833 DIGITAL VIDEO UNIT(6/12)

HDMI OUT -1


IC363
Si9134CTU
[HDMI TRANSMITTER]
DEVICE ADDRESS:01110110(76)
DEVICE ADDRESS:01111110(7E)
IC361 OPEN
IC362 UPC2918BT1D-E1-AT
D361 0
D362 KDS160
Z0334 OPEN
Z0335 OPEN
Z0361 18
TR361 KRC104S
JK332 19P-HDMI-CON(425)
HDMI OUT2
TO HDMI TX PLD
TO 1U-3833(5/12)
1U-3833(7/12)
DIGITAL_VIDEO_UNIT
HDMI OUT-2

TO GUI

TO 1U-3833(4/12)

IC508
ADV7403BSTZ-110
[VIDEO DECODER]
DEVICE ADDRESS:0100001*(42)

IC509
OPEN
VIDEO ENCODER
DEVICE ADDRESS:1101010*(D6)

IC510
ADV7320
VIDEO ENCODER
DEVICE ADDRESS:1101010*(D4)

IC511
NJM2566AV

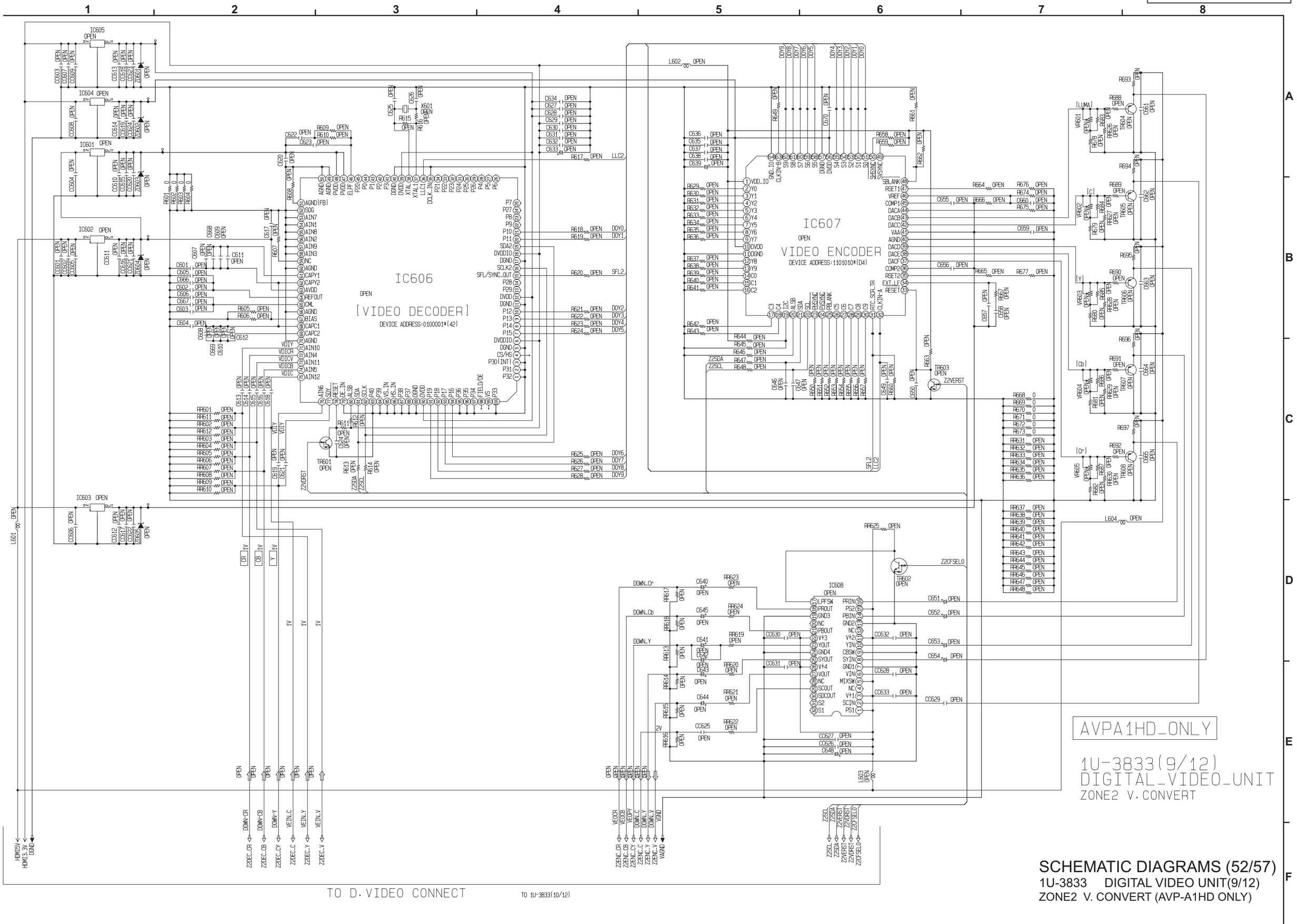
1U-3833(8/12)
DIGITAL_VIDEO_UNIT
ZONE1 V.CONVERT

ZONE1 V. CONVERT

SCHEMATIC DIAGRAMS (51/57)
1U-3833 DIGITAL VIDEO UNIT(8/12)
ZONE1 V. CONVERT

TO D.VIDEO CONNECT

TO 1U-3833(10/12)


IC606
[VIDEO DECODER]
DEVICE ADDRESS:0100001*(42)
IC607
VIDEO ENCODER
DEVICE ADDRESS:1101010*(D4)
IC608
AVPA1HD_ONLY
1U-3833(9/12)
DIGITAL_VIDEO_UNIT
ZONE2 V.CONVERT
TO D.VIDEO CONNECT
TO 1U-3833(10/12)

1 2 3 4 5 6 7 8

A B C D E F

TO CPU TO 1U-3821-1 CPU_UNIT(3/8)

CX705 70P-PLUG

CX706 70P-PLUG

CX707 70P-PLUG

CX708 70P-PLUG

TO HDMI RX

TO 1U-3833(3/12)

TO HDMI TX PLD

TO 1U-3833(5/12)

IC712
EPM240T100C5N

TP
TP451
7P-FFC

TO GUI
TO 1U-3833(4/12)

TO I/P REALTA
TO 1U-3833(11/12)

TO Z1 V.CONVERT
TO 1U-3833(8/12)

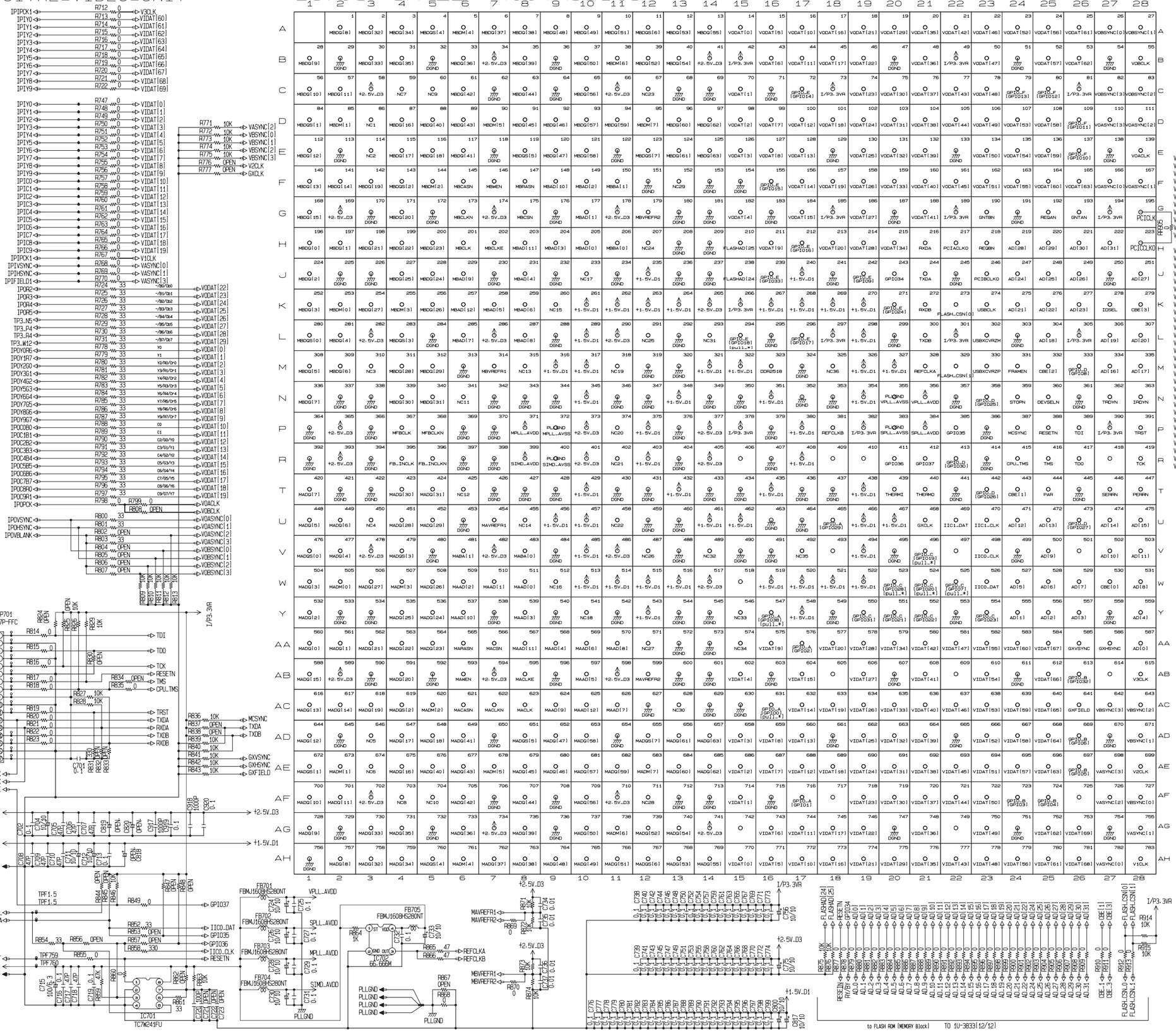
TO Z2 V.CONVERT
TO 1U-3833(9/12)

1U-3833(10/12)
DIGITAL_VIDEO_UNIT
D.VIDEO CONNECT

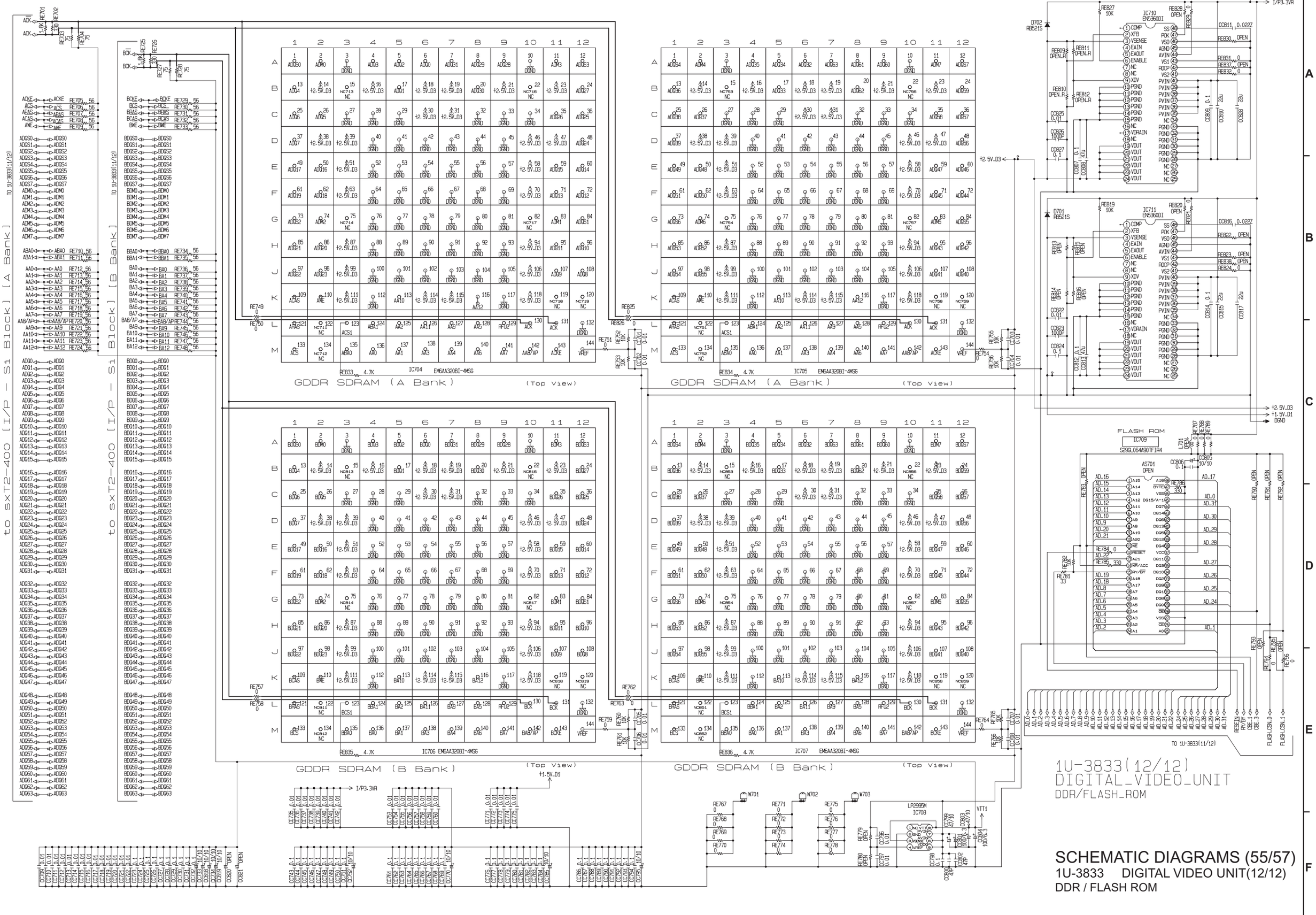
SCHEMATIC DIAGRAMS (53/57)
1U-3833 DIGITAL VIDEO UNIT(10/12)
D. VIDEO CONNECT

1U-3833(11/12)
DIGITAL_VIDEO_UNIT

IC703 SXT2LF-400(Realta) (Top View)



SCHEMATIC DIAGRAMS (55/57)



SCHEMATIC DIAGRAMS (55/57)

1U-3833 DIGITAL VIDEO UNIT(12/12)

DDR / FLASH ROM

1 2 3 4 5 6 7 8

A B C D E F

(EUROPE)
TO 1U-3825-14
E2 OUTLET UNIT
(USA/CANADA/JAPAN)
TO 1U-3825-13
E3 OUTLET UNIT
TO
AC OUTLET
CX213 2P-VHw
F101 12.5A/250V

TO
A.VIDEO TRANS
TO 1U-3826-9
VIDEO TRANS UNIT
CX207 2P-VHw

TO
FLD TRANS
TO 1U-3826-10
FLD TRANS UNIT
CX211 2P-VHw

TO
CPU TRANS
TO 1U-3826-10
FLD TRANS UNIT
CX212 2P-VHw

TO
AVPA1HD
MAIN TRANS
CX215 2P-VHw
W203 OPEN
F102 1.25A/250V

TO
AVPA1HD
MAIN TRANS
CX216 2P-VHw
W101 OPEN

TO
AVR530B/AVCA1HD
MAIN TRANS
W102 OPEN
F103 1.25A/250V

TO POWER SW
TO 1U-3825-15
POWER SW UNIT
CX209 2P-VHw
W201 3P-SON
W202 3P-SON

TO
STBY TRANS
TO 1U-3825-7
STBY TRANS UNIT
CX214 2P-VHw

TO
AC INLET
(AVPA1HD EUROPE
MODEL ONLY)
TO 1U-3824-12
FILTER UNIT
W103 M3-SIDE
W104 M3-SIDE

RL803 DLS601-0 TV-B
C151 0.01/250
RL804 DLS601-0 TV-B
C152 0.01/250
RL802 DLS601-0 TV-B
C130 0.01/250
RL801 DLS601-0 TV-B
C129 0.01/250
RL2
RL1 ON RL2 ON RL1 OFF
R102 33
J103 OPEN
J102 SHORT
J101 OPEN
R103 33

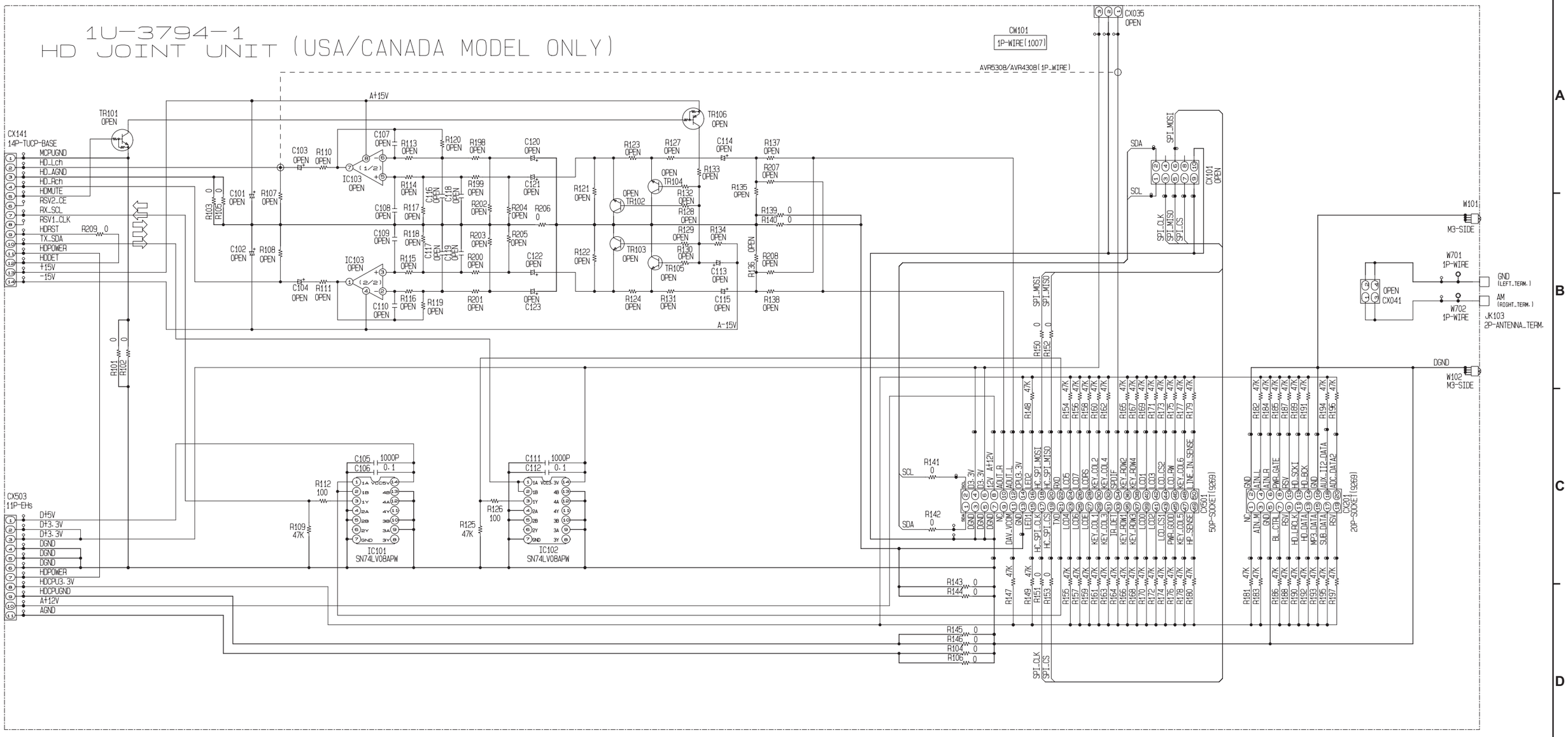
1U-3837-1
PRIMARY_UNIT

	F101	F102	F103	FF102 FH102	FF112 FH112	FF103 FH103	FF113 FH113
AVR530B USA/CANADA	8A/125V	OPEN	12A/125V	OPEN	OPEN	OPEN	FUSE HOLDER
AVCA1HD EUROPE	2.5A/250V	OPEN	6.3A/250V	OPEN	OPEN	FUSE CLIP	OPEN
AVCA1HD JAPAN	8A/125V	OPEN	12A/125V	OPEN	OPEN	OPEN	FUSE HOLDER
AVPA1HD USA/CANADA	8A/125V	2A/125V	2A/125V	FUSE CLIP	FUSE CLIP	FUSE CLIP	FUSE CLIP
AVPA1HD EUROPE	2.5A/250V	1.25A/250V	1.25A/250V	FUSE CLIP	FUSE CLIP	FUSE CLIP	FUSE CLIP
AVPA1HD JAPAN	8A/125V	2A/125V	2A/125V	FUSE CLIP	FUSE CLIP	FUSE CLIP	FUSE CLIP

	J101 J103	J102		
USA/CANADA	SHORT	OPEN		
EUROPE	OPEN	SHORT		
JAPAN	SHORT	OPEN		

RL801 DLS601-0 TV-B
RL802 DLS601-0 TV-B
RL803 DLS601-0 TV-B
RL804 DLS601-0 TV-B
RL805 DLS601-0 TV-B
RL806 DLS601-0 TV-B
RL807 DLS601-0 TV-B
DL401 DL402 DL403 DL404 DL405 DL406 DL407 DL408 DL409 DL410 DL411 DL412 DL413 DL414 DL415 DL416 DL417 DL418 DL419 DL420 DL421 DL422 DL423 DL424 DL425 DL426 DL427 DL428 DL429 DL430 DL431 DL432 DL433 DL434 DL435 DL436 DL437 DL438 DL439 DL440

1U-3794-1
HD JOINT UNIT (USA/CANADA MODEL ONLY)



SCHEMATIC DIAGRAMS (57/57)

1U-3794 HD JOINT UNIT (1/1)
(for AVR-5308CI)