

## SERVICE MANUAL

MODEL	JP	EU	EC	E2	EK	E2A	E1C	EUT
AVR-3808CI		✓	✓					
AVR-3808				✓		✓		✓
AVC-3808	△✓						✓	

### AV SURROUND RECEIVER 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います。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.

- 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。

- Please use this service manual with referring to the operating instructions without fail.

- 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。

- Some illustrations using in this service manual are slightly different from the actual set.

- 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

TOKYO, JAPAN  
Denon Brand Company, D&M Holdings Inc.

## 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 millamps, 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  $1M\Omega$  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 in 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、絶縁トランク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  $1 M\Omega$  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。

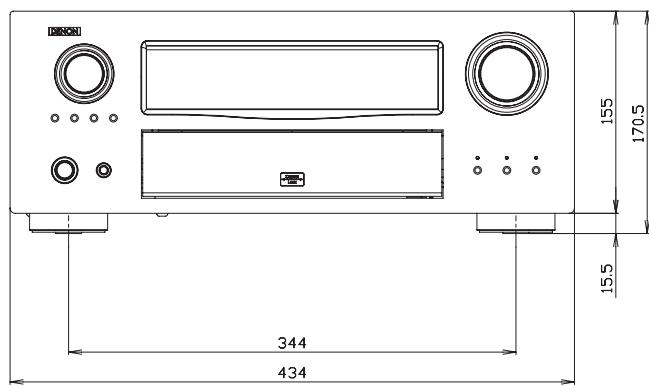
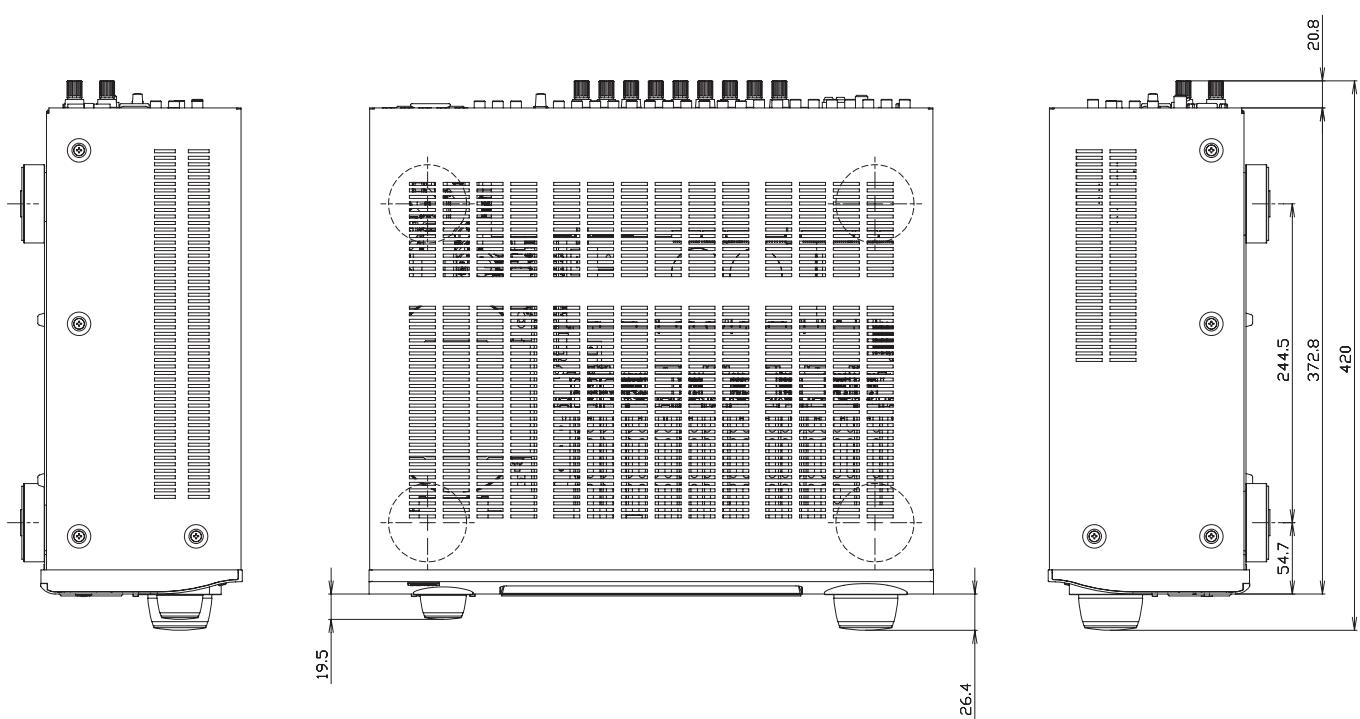
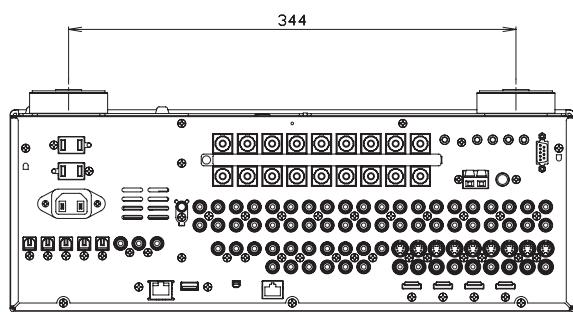
### **注 意** 安全上重要な部品について

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、部品表につき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**

## 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

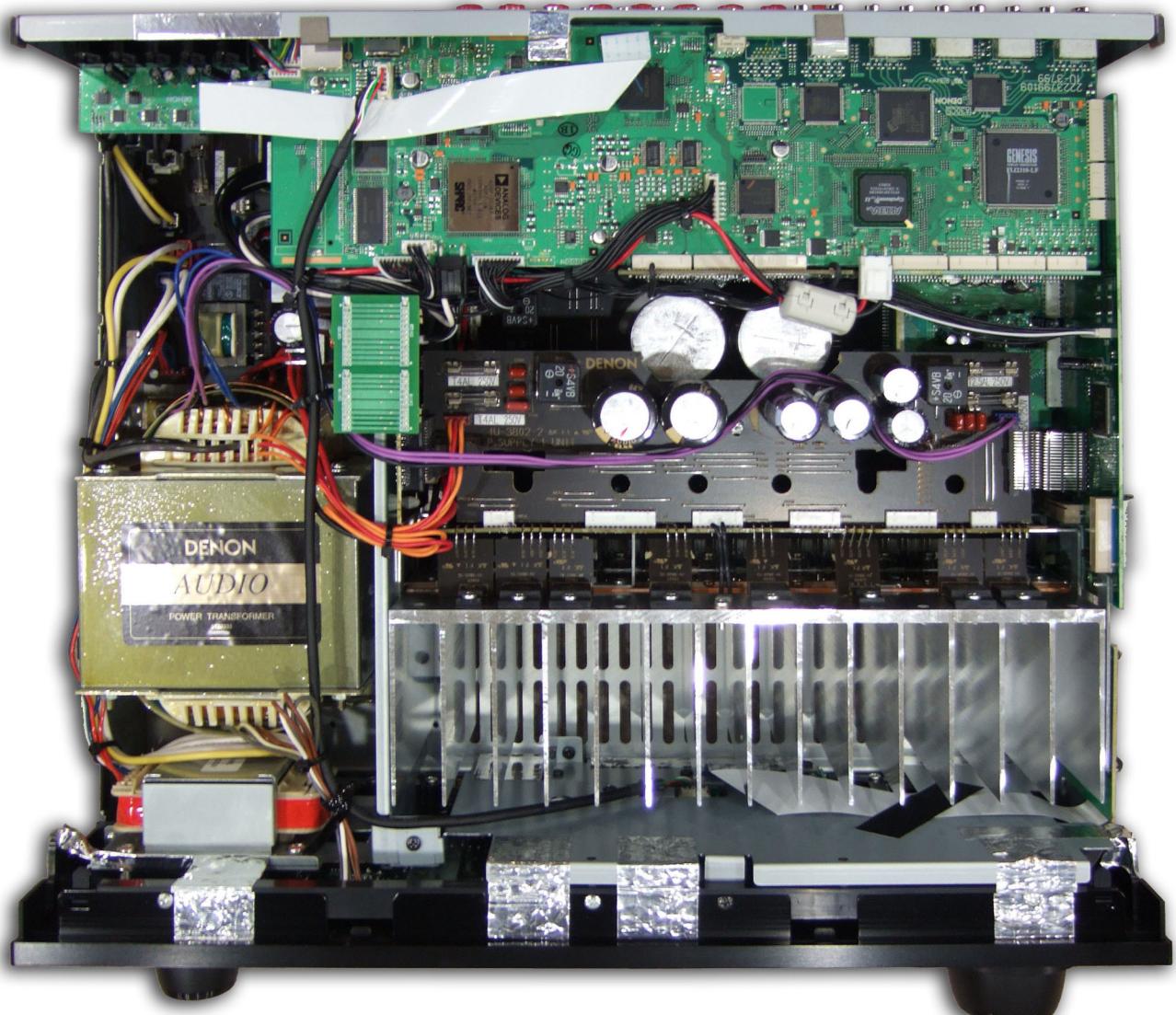
## ワイヤー整形図

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

AVR-3808CI/AVR-3808 model

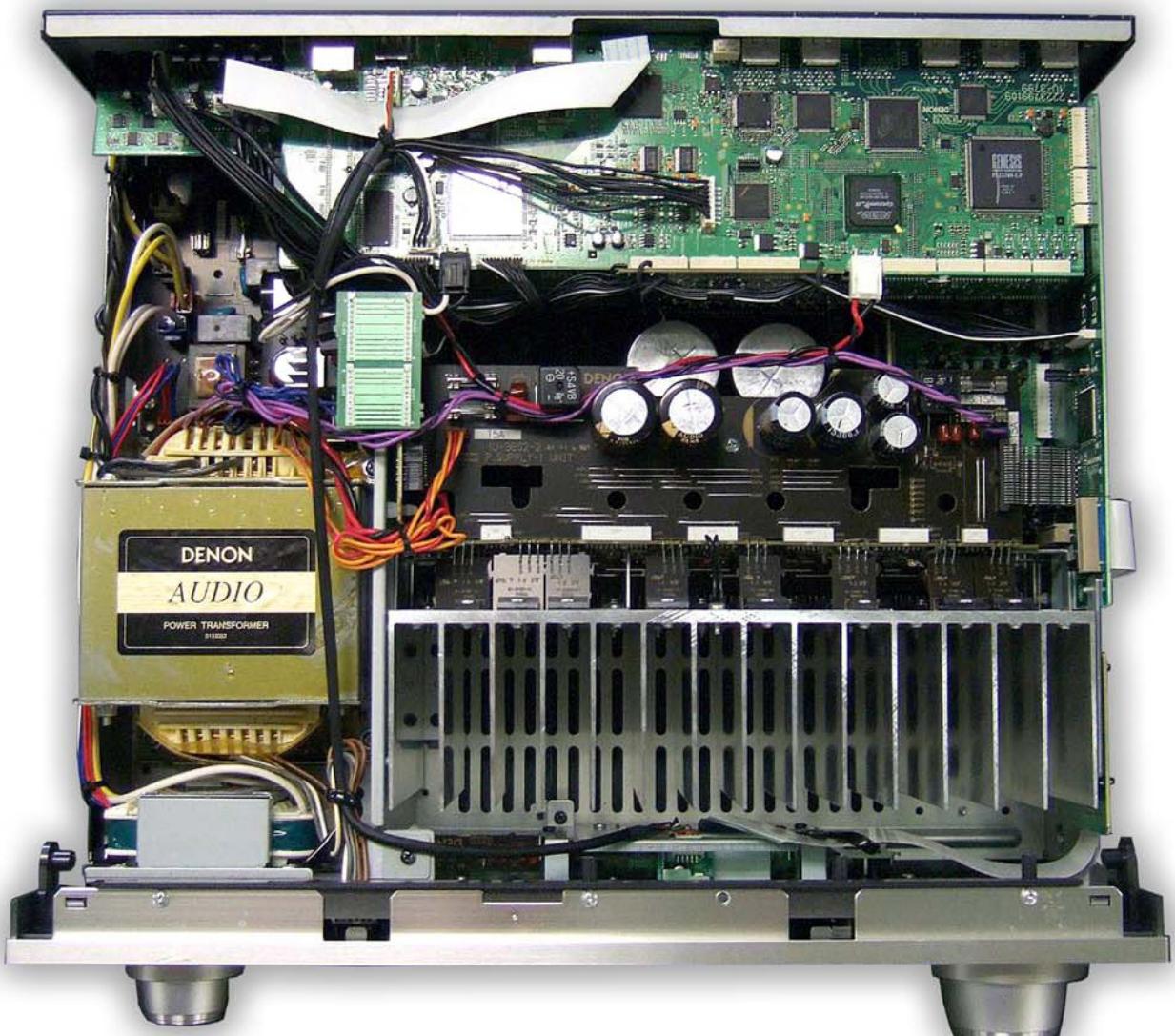
Back Panel side



Front Panel side

AVC-3808 model

Back Panel side



Front Panel side

## 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 DSP SIMULATION 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

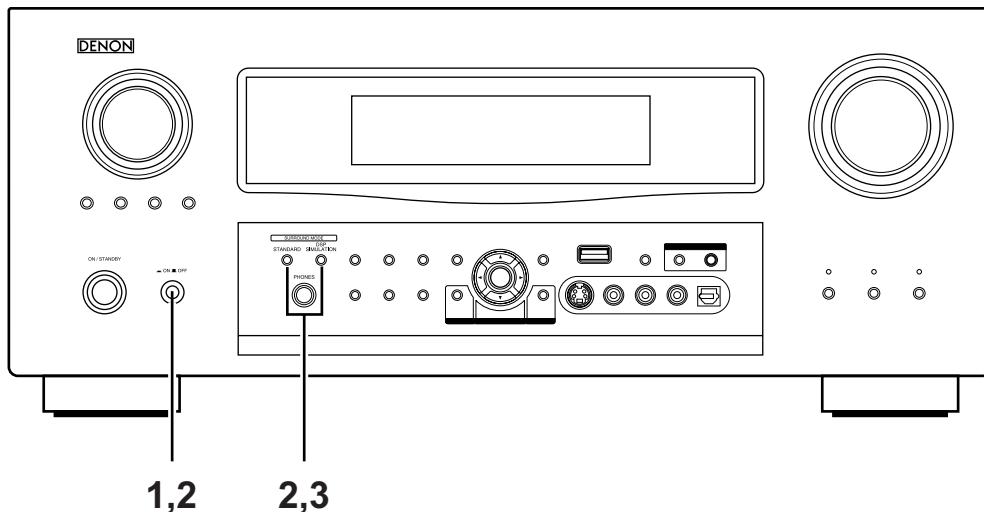
### AV サラウンドレシーバー / アンプの初期化について

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 DSP SIMULATION 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 (Extention 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

## 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 (S07)" and "RETURN (S19)", 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 ①②③④⑤ .

Condition	State	Display
① Sub-μcom NG	No response from Sub-μcom	"□ S U B □ □ E R R O R □ 0 1 □ "
② DIR NG	No response from DIR	"□ D I R □ □ E R R O R □ 0 1 □ "
③ DSP1 NG	When DSP boot, executing DSP reset makes no change to BUSY port "L".	"□ D S P 1 □ E R R O R □ 0 1 □ "
	No change to BUSY port "L" before issuing DSP command.	"□ D S P 1 □ E R R O R □ 0 2 □ "
	When DSP data read, executing WRITE="L" makes no change to ACK="H".	"□ D S P 1 □ E R R O R □ 0 3 □ "
	When DSP data read, executing REQ="L" makes no change to ACK="L".	"□ D S P 1 □ E R R O R □ 0 4 □ "
	When DSP data write, executing WRITE="H" makes no change to ACK="H".	"□ D S P 1 □ E R R O R □ 0 5 □ "
	When DSP data write, executing REQ="L" makes no change to ACK="L".	"□ D S P 1 □ E R R O R □ 0 6 □ "
	When DSP special code boot, executing DSP reset makes no change to BUSY port "L".	"□ D S P 1 □ E R R O R □ 1 1 □ "
	No change to BUSY port "L" before issuing DSP special read command.	"□ D S P 1 □ E R R O R □ 1 2 □ "
	No change to BUSY port "L" before DSP version read.	"□ D S P 1 □ E R R O R □ 1 3 □ "
		(No error display, version display only)
④ DSP2 NG	When DSP boot, executing DSP reset makes no change to BUSY port "L".	"□ D S P 2 □ E R R O R □ 0 1 □ "
	No change to BUSY port "L" before issuing DSP command.	"□ D S P 2 □ E R R O R □ 0 2 □ "
	When DSP data read, executing WRITE="L" makes no change to ACK="H".	"□ D S P 2 □ E R R O R □ 0 3 □ "
	When DSP data read, executing REQ="L" makes no change to ACK="L".	"□ D S P 2 □ E R R O R □ 0 4 □ "
	When DSP data write, executing WRITE="H" makes no change to ACK="H".	"□ D S P 2 □ E R R O R □ 0 5 □ "
	When DSP data write, executing REQ="L" makes no change to ACK="L".	"□ D S P 2 □ E R R O R □ 0 6 □ "
	When DSP special code boot, executing DSP reset makes no change to BUSY port "L".	"□ D S P 2 □ E R R O R □ 1 1 □ "
	No change to BUSY port "L" before issuing DSP special read command.	"□ D S P 2 □ E R R O R □ 1 2 □ "
	No change to BUSY port "L" before DSP version read.	"□ D S P 2 □ E R R O R □ 1 3 □ "
		(No error display, version display only)
⑤ Both SUB/DSP OK		(表示せずにバージョン表示を行う)

## 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"(S07), "RETURN"(S19) 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、①②③④⑤。

条件	状態	表示内容
① SUB マイコンが NG	SUB マイコンからの応答がない	"□ S U B □ □ E R R O R □ 0 1 □ "
② DIR が NG	DIR からの応答がない	"□ D I R □ □ E R R O R □ 0 1 □ "
③ DSP 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	"□ D S P 1 □ E R R O R □ 0 1 □ "
	DSP コマンド発行前に、BUSY ポートが "L" にならない	"□ D S P 1 □ E R R O R □ 0 2 □ "
	DSP データリード時、WRITE="L" としても ACK="H" とならない	"□ D S P 1 □ E R R O R □ 0 3 □ "
	DSP データリード時、REQ="L" としても ACK="L" とならない	"□ D S P 1 □ E R R O R □ 0 4 □ "
	DSP データライト時、WRITE="H" としても ACK="H" とならない	"□ D S P 1 □ E R R O R □ 0 5 □ "
	DSP データライト時、REQ="L" としても ACK="L" とならない	"□ D S P 1 □ E R R O R □ 0 6 □ "
	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	"□ D S P 1 □ E R R O R □ 1 1 □ "
	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	"□ D S P 1 □ E R R O R □ 1 2 □ "
	DSP バージョンリード前に、BUSY ポートが "L" にならない	"□ D S P 1 □ E R R O R □ 1 3 □ "
④ DSP 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	"□ D S P 2 □ E R R O R □ 0 1 □ "
	DSP コマンド発行前に、BUSY ポートが "L" にならない	"□ D S P 2 □ E R R O R □ 0 2 □ "
	DSP データリード時、WRITE="L" としても ACK="H" とならない	"□ D S P 2 □ E R R O R □ 0 3 □ "
	DSP データリード時、REQ="L" としても ACK="L" とならない	"□ D S P 2 □ E R R O R □ 0 4 □ "
	DSP データライト時、WRITE="H" としても ACK="H" とならない	"□ D S P 2 □ E R R O R □ 0 5 □ "
	DSP データライト時、REQ="L" としても ACK="L" とならない	"□ D S P 2 □ E R R O R □ 0 6 □ "
	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	"□ D S P 2 □ E R R O R □ 1 1 □ "
	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	"□ D S P 2 □ E R R O R □ 1 2 □ "
	DSP バージョンリード前に、BUSY ポートが "L" にならない	"□ D S P 2 □ E R R O R □ 1 3 □ "
⑤ SUB/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-3806-1)

Required measurement equipment: DC Voltmeter

#### 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.)	

#### Adjustment

- (1) Remove top cover and set VR101, VR102, VR103, VR104, VR105, VR106, VR107, on 1U-3806-1 (Power Amp Unit) at fully counterclockwise (○).
- (2) Connect DC Voltmeter to test points (FRONT-Lch: TP101 ③ ④ pin, FRONT-Rch: TP101 ① ② pin, CENTER ch: TP101 ⑤ ⑥ pin, SURROUND-Lch: TP102 ③ ④ pin, SURROUND-Rch: TP102 ① ② pin, SURROUND BACK-Lch: TP102 ⑦ ⑧ pin, SURROUND BACK-Rch: TP102 ⑤ ⑥ pin).
- (3) Connect power cord to AC Line, and turn power switch "ON".
- (4) Presetting.
 

MASTER VOLUME	: "—" counterclockwise (○ min.)
MODE	: 7CH STEREO
FUNCTION	: CD
- (5) Allow 2 minutes, and turn VR101 clockwise (○) to adjust the TEST POINT voltage to 6.5 mV ± 0.5 mV DC.
- (6) After 10 minutes from preset, turn VR101 to set the voltage to 8 mV ± 0.5 mV DC.
- (7) Adjust the Variable Resistors of other channels in the same way.
- (8) After 5 minutes from (6), turn VR101 to set the voltage to 8 mV ± 0.5 mV DC.
- (9) 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-3806-1)

調整に必要な測定器：DC Voltmeter

#### 準備

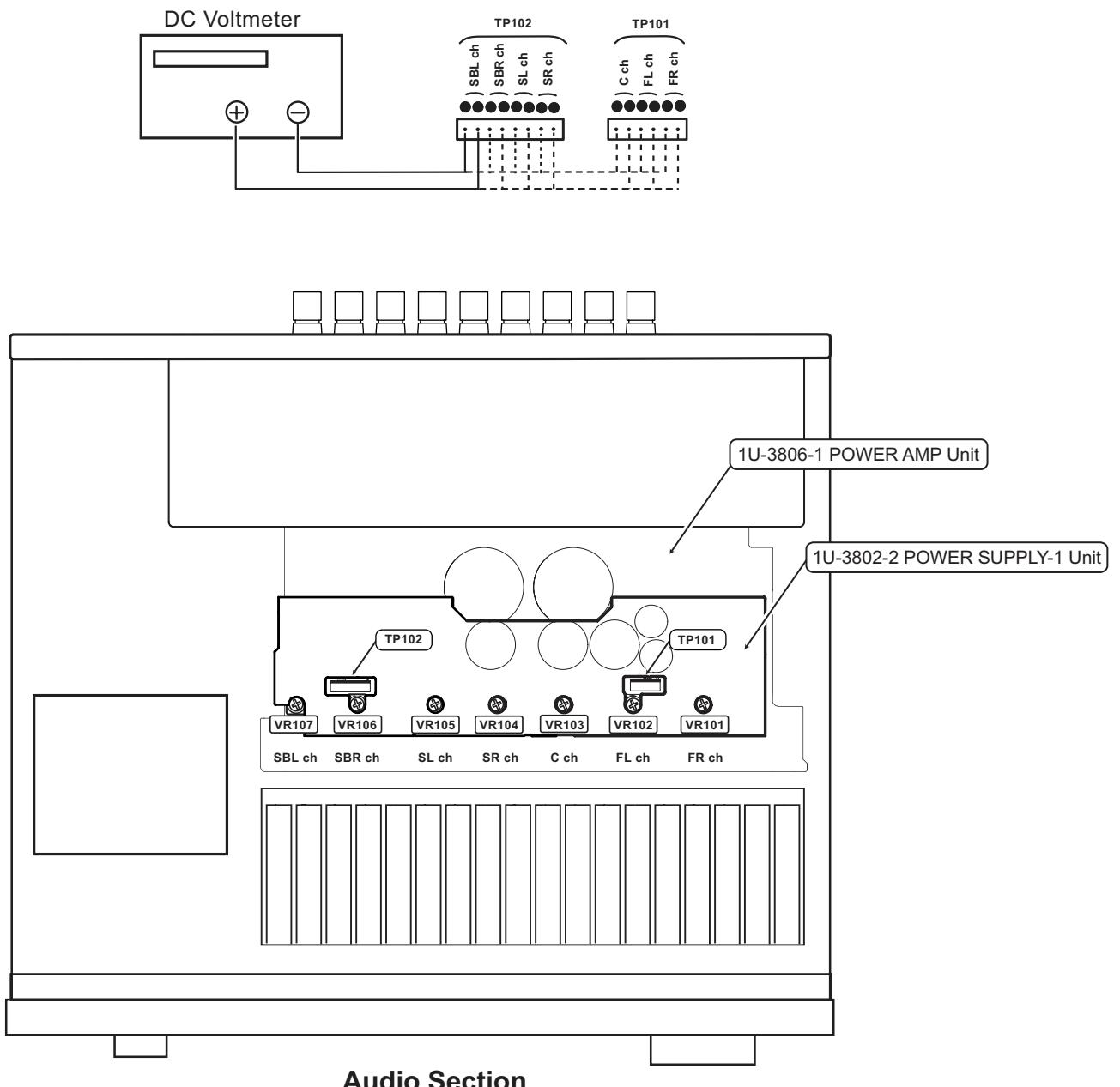
- (1) セットをクーラ、扇風機のそばなど風通しの良い場所を避け、通常の使用状態に置きます。セットの周囲温度は15 ~ 30 °C、湿度は常湿とします。
- (2) プリセット
 

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

#### 調整

- (1) 上カバーをはずし、1U-3806-1 (パワーアンプユニット) のVR101、VR102、VR103、VR104、VR105、VR106、VR107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 (FRONT-Lch: TP101 ③ ④ pin, FRONT-Rch: TP101 ① ② pin, CENTER ch: TP101 ⑤ ⑥ pin, SURROUND-Lch: TP102 ③ ④ pin, SURROUND-Rch: TP102 ① ② pin, SURROUND BACK-Lch: TP102 ⑦ ⑧ pin, SURROUND BACK-Rch: TP102 ⑤ ⑥ pin) にDC Voltmeter を接続します。
- (3) 電源コードをAC電源に接続し、電源スイッチを“ON”にします。
- (4) 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、最小の状態にします。
SPEAKER (スピーカ端子)	→無負荷 (スピーカ、ダミー抵抗器などを接続しない。)
MODE	: 7CH STEREO
FUNCTION	: CD
- (5) 2分以内にVR101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。  
6.5 mV ± 0.5 mV DC
- (6) 予備調整から10分後にVR101を回し、次のように電圧を設定します。  
8 mV ± 0.5 mV DC
- (7) 同じ方法で各チャンネルの可変抵抗を調整します。
- (8) (6)項設定から5分後VR101を回し、次のように電圧を設定します。  
8 mV ± 0.5 mV DC
- (9) 同じ方法で各チャンネルの可変抵抗を調整します。



### Audio Section

The adjustment volume and connection terminal of 1U-3806-1 (POWER AMP Unit) P.W.B. under 1U-3802-2 (P.SUPPLY-1 Unit) P.W.B..

Insert an adjustment driver / connection terminal from an adjustment aperture of 1U-3802-2(P.SUPPLY-1 Unit)P.W.B..

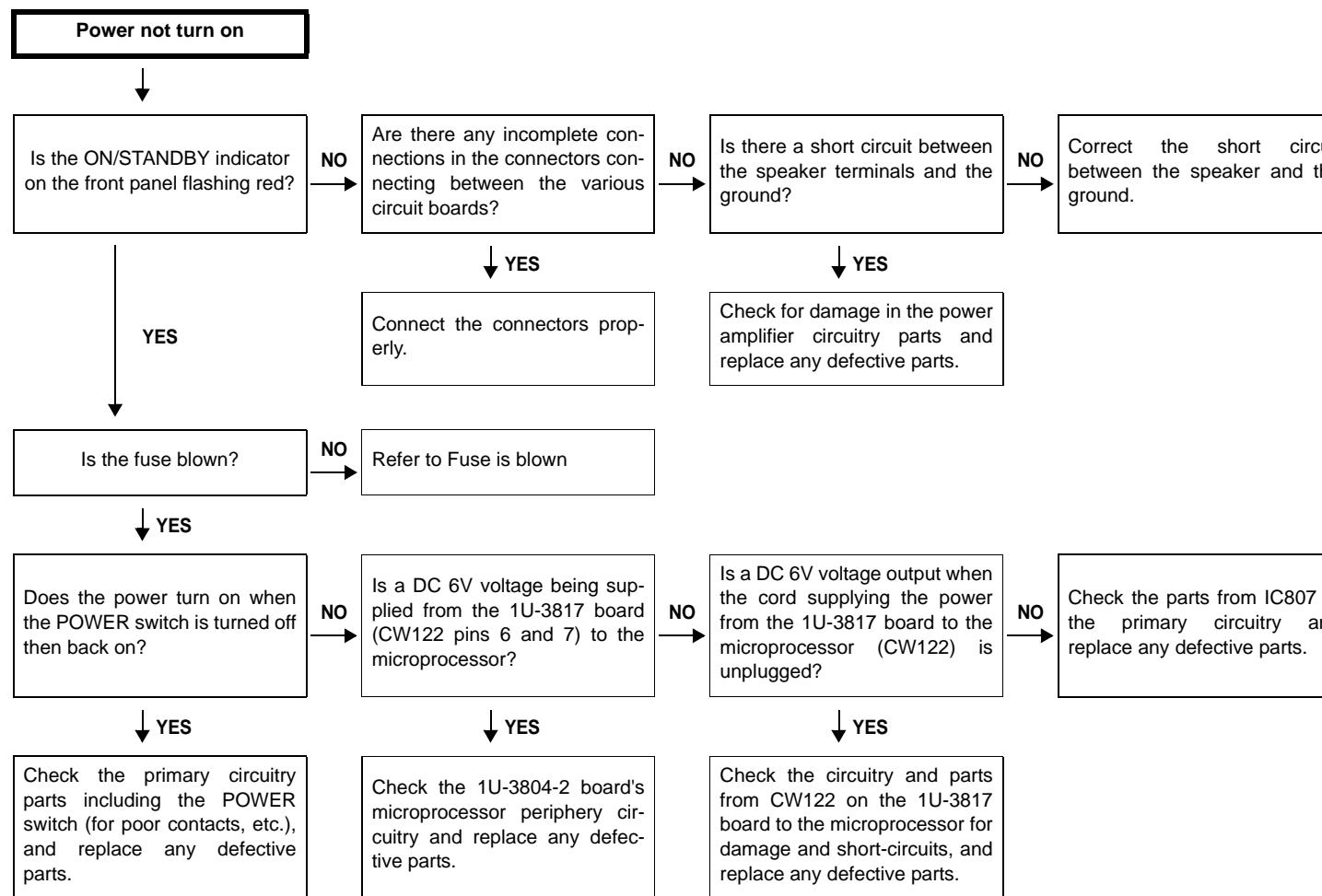
1U-3806-1(POWER AMP Unit) 基板の調整ボリュームと接続端子は 1U-3802-2(P.SUPPLY-1 Unit) 基板の下に有ります。

1U-3802-2(P.SUPPLY-1 Unit) 基板の調整孔から調整ドライバー / 接続端子を挿入してください。

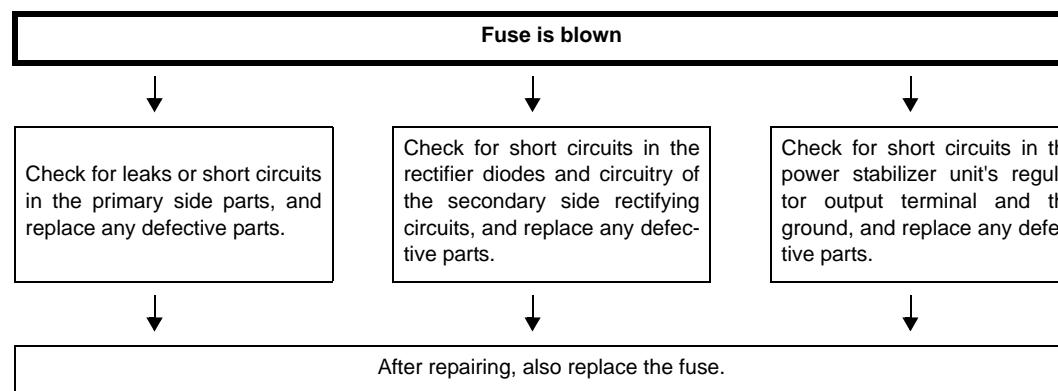
## MULTI TROUBLE SHOOTING

### 1. POWER

#### 1.1. Power not turn on



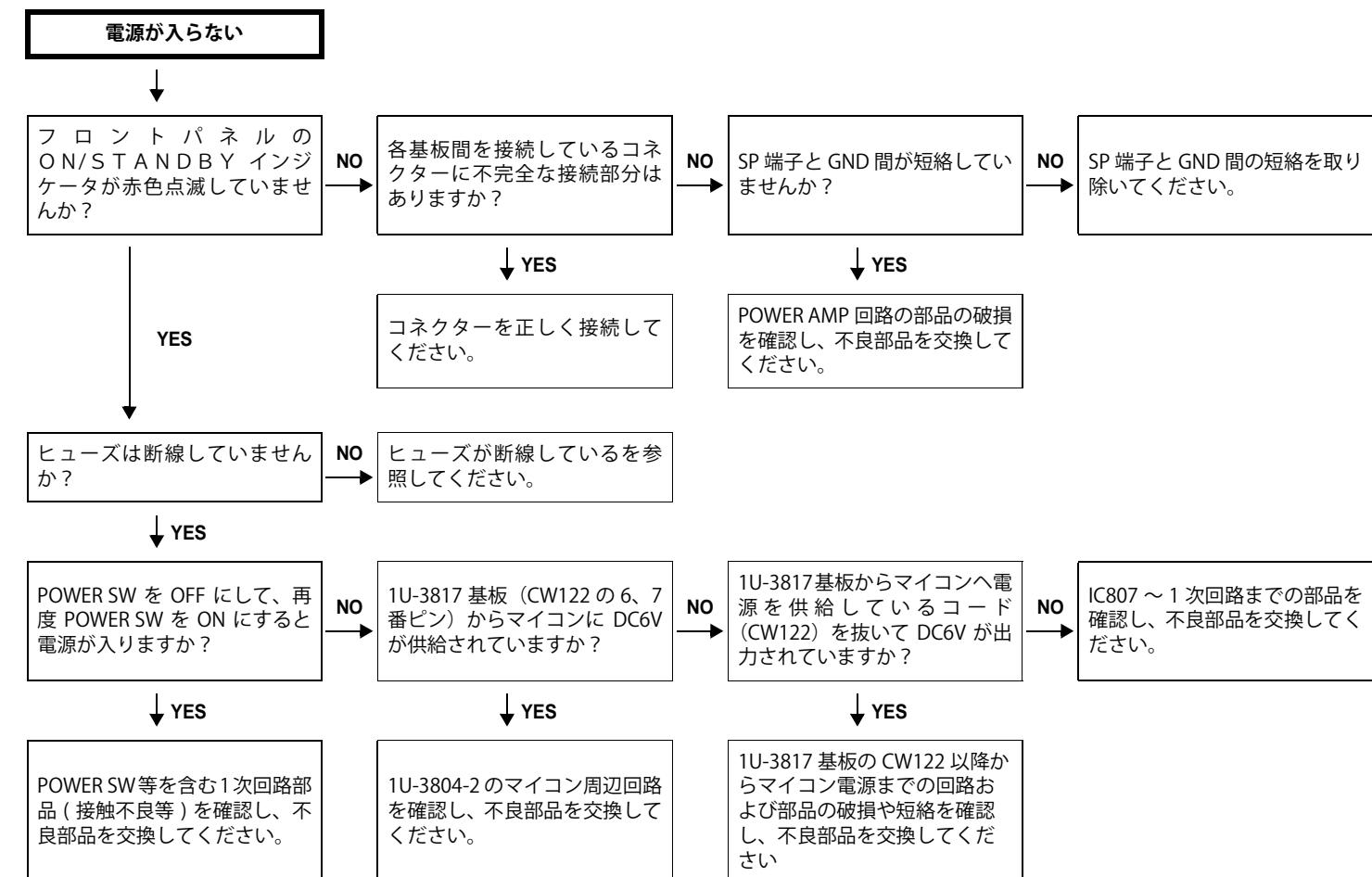
#### 1.2. Fuse is blown



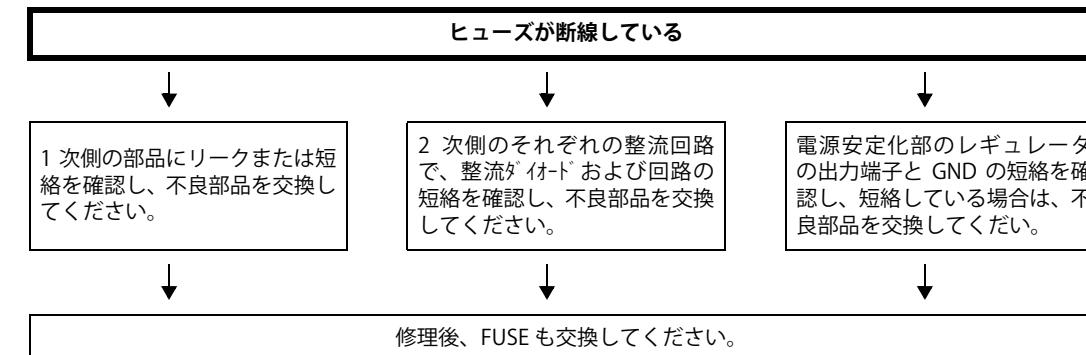
## トラブルシューティング

### 1. 電源

#### 1.1. 電源が入らない

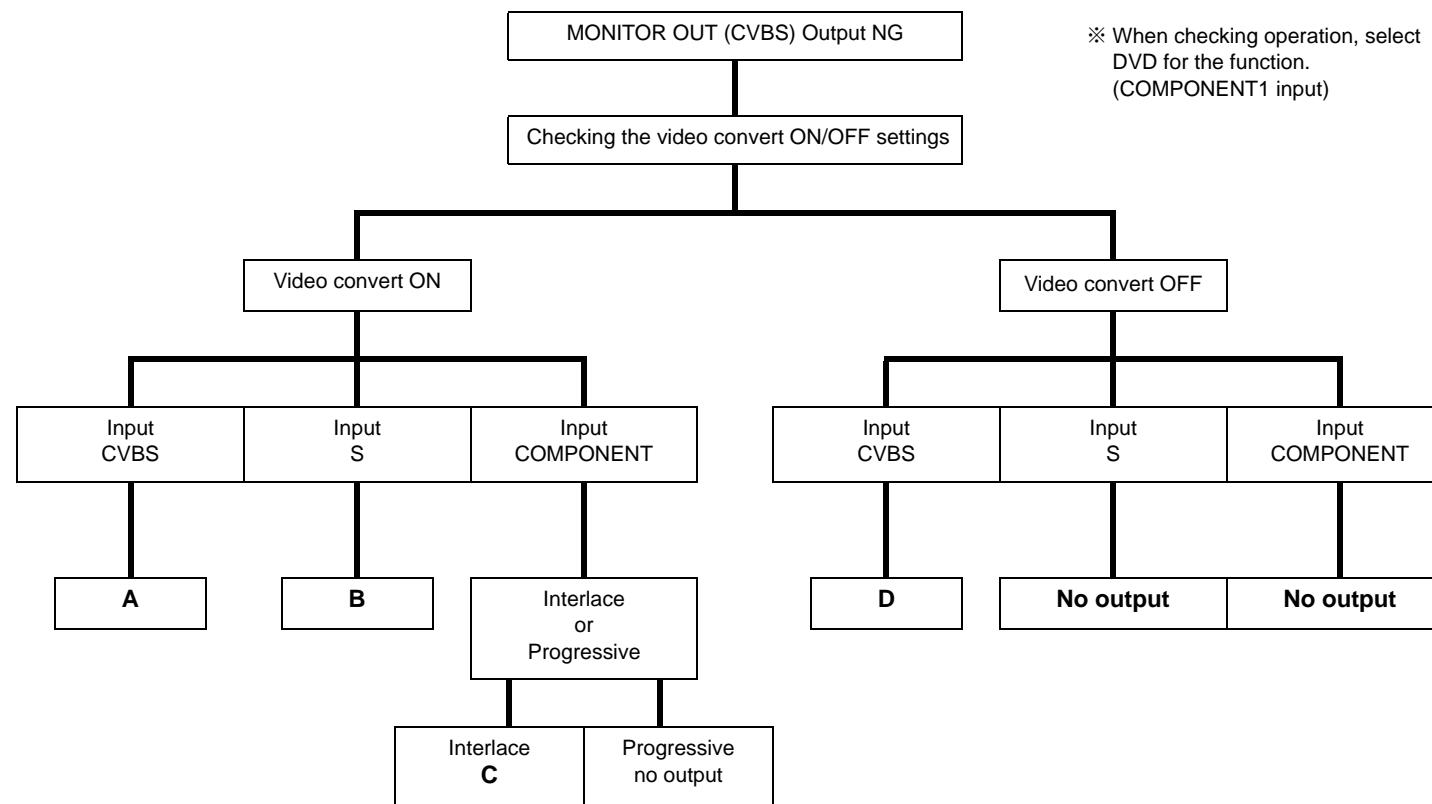


#### 1.2. ヒューズが断線している



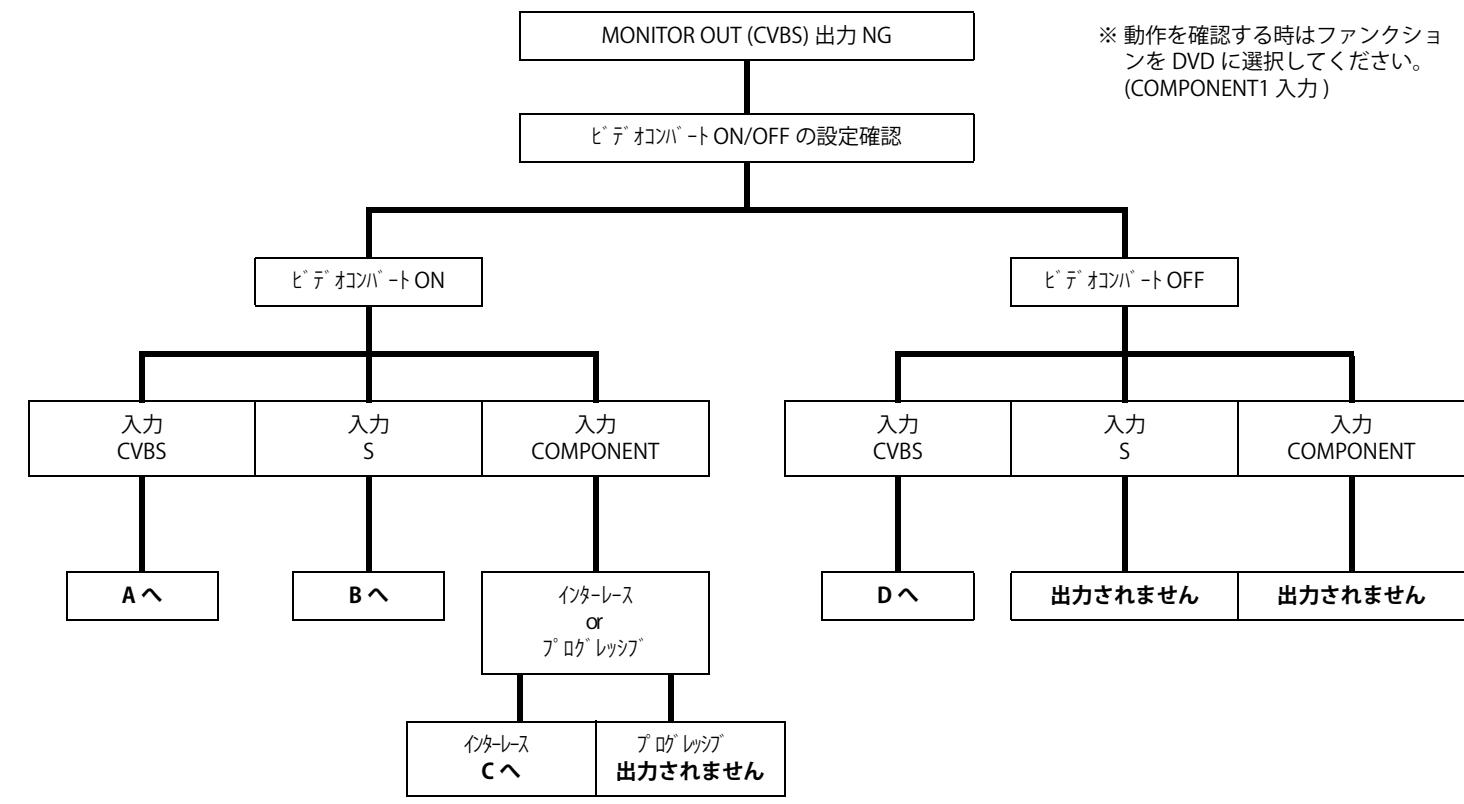
## 2. Analog video

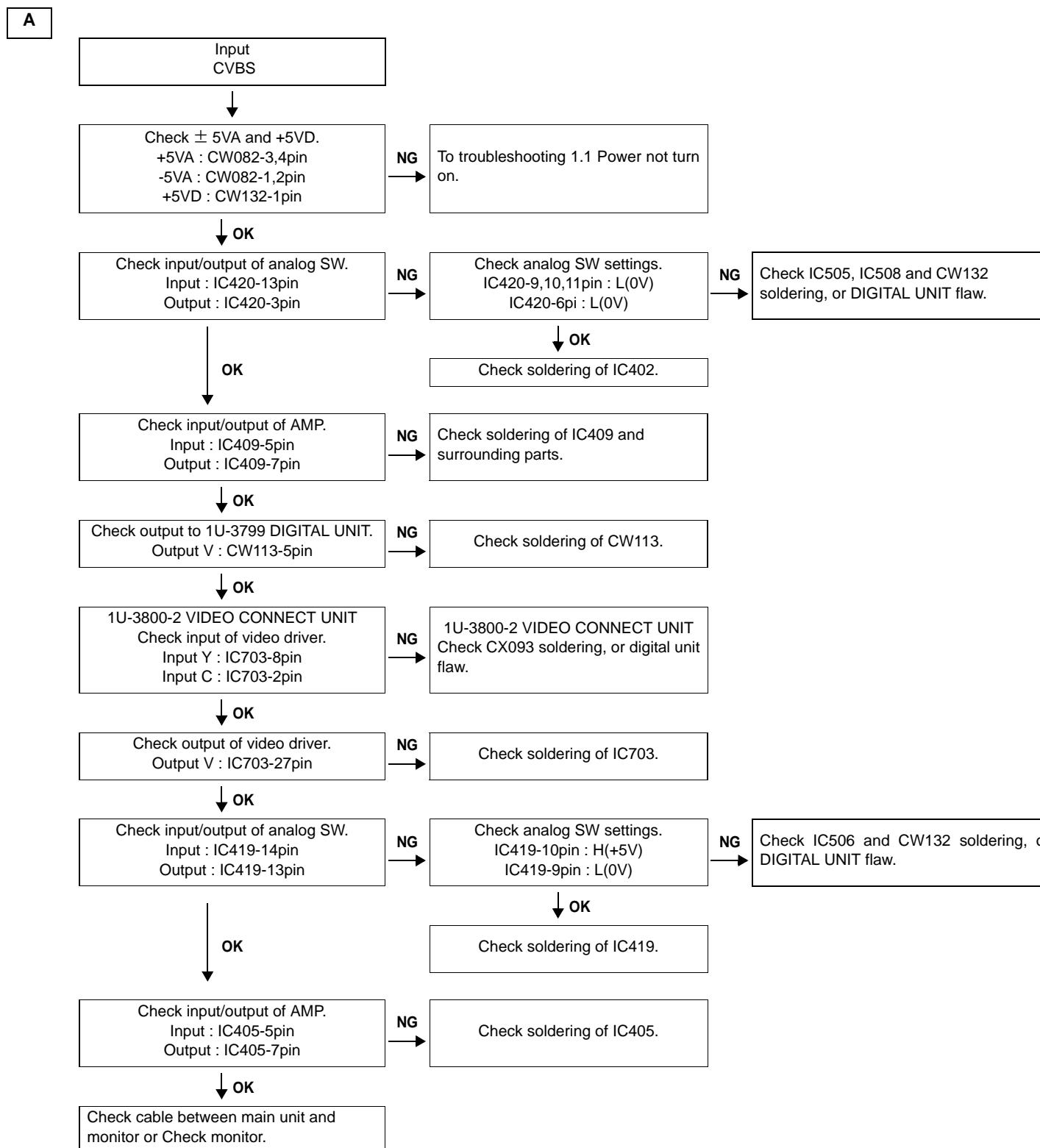
### 2.1. MONITOR OUT (CVBS) Output NG



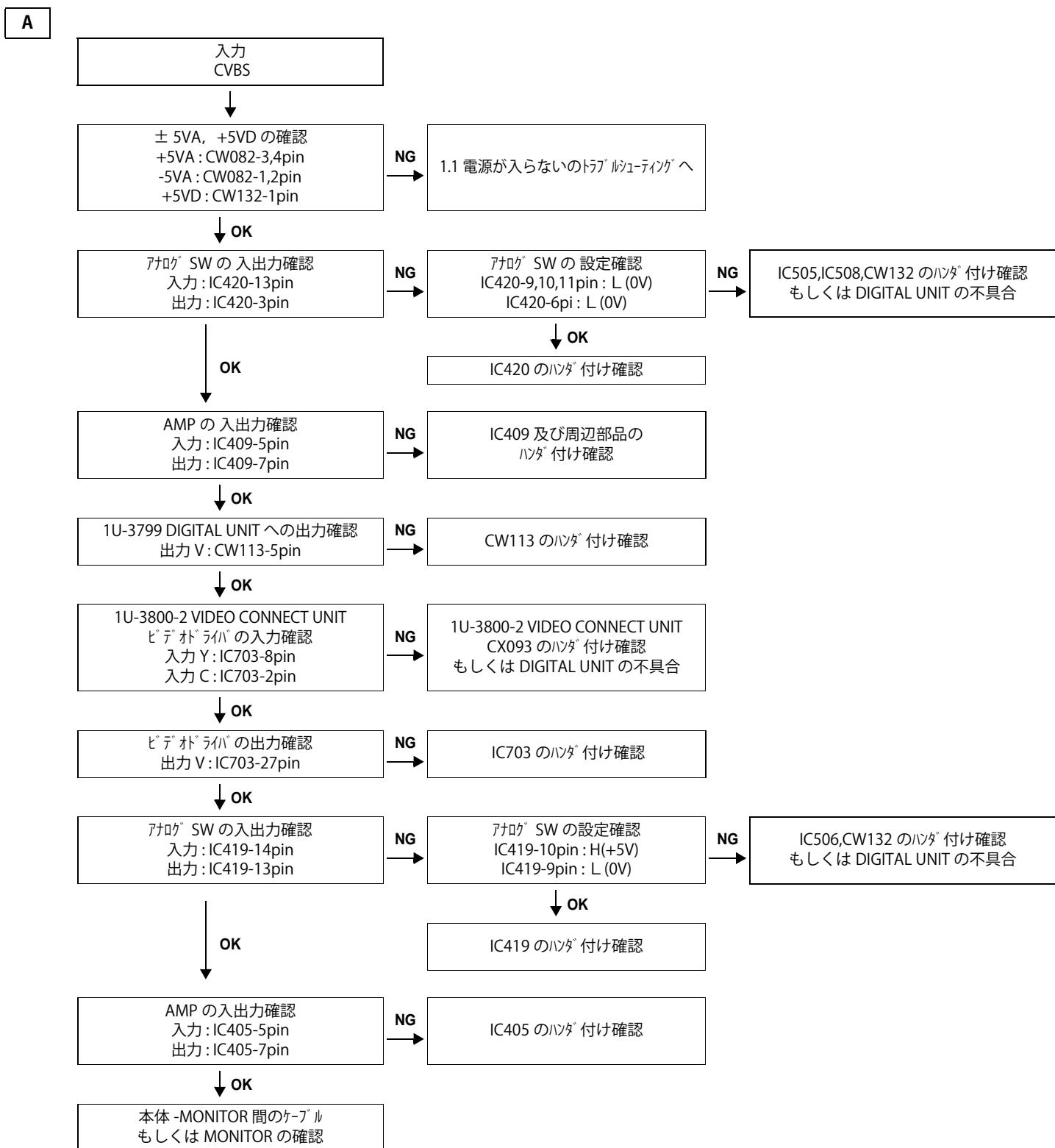
## 2. アナログビデオ

### 2.1. MONITOR OUT (CVBS) 出力 NG

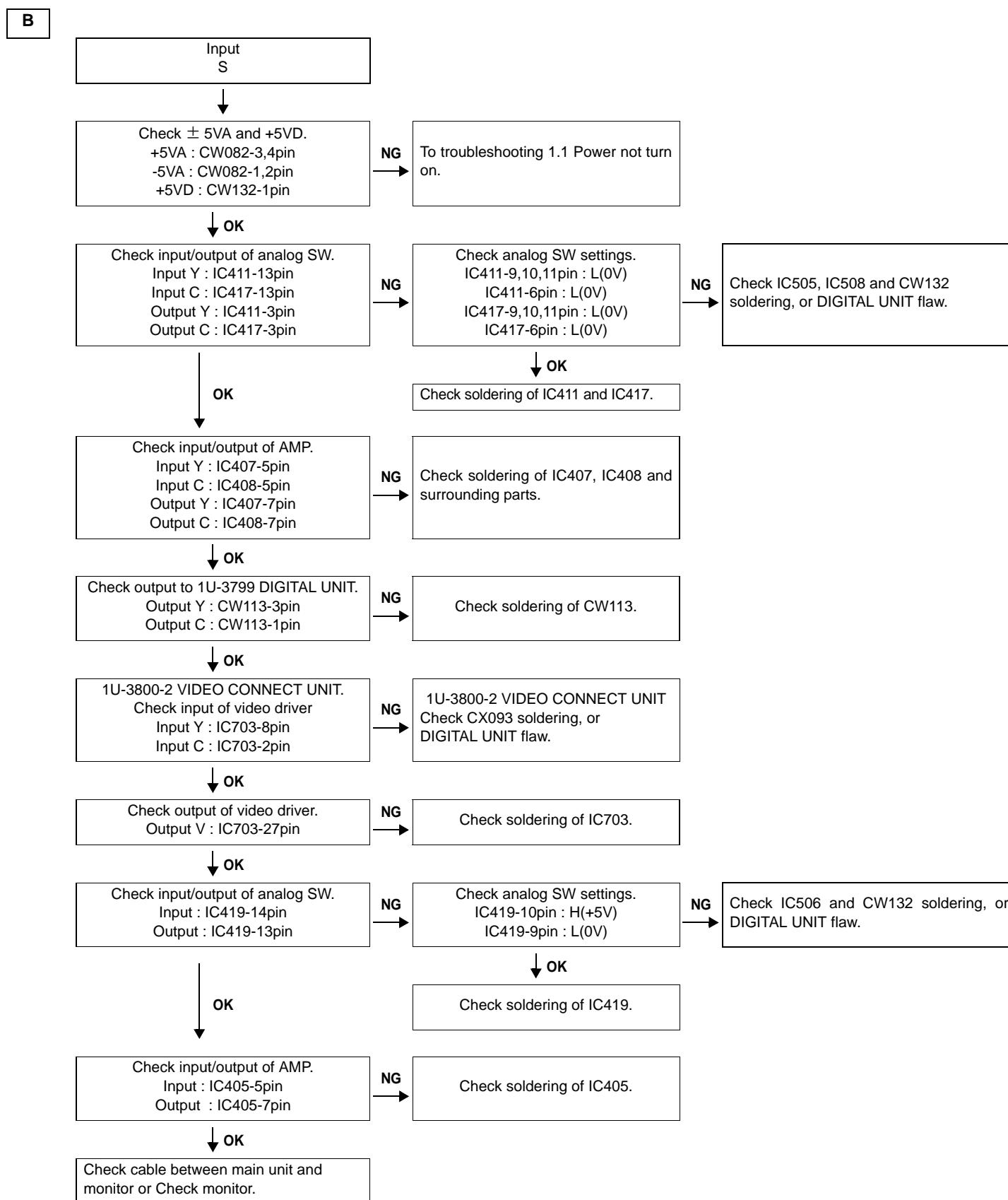




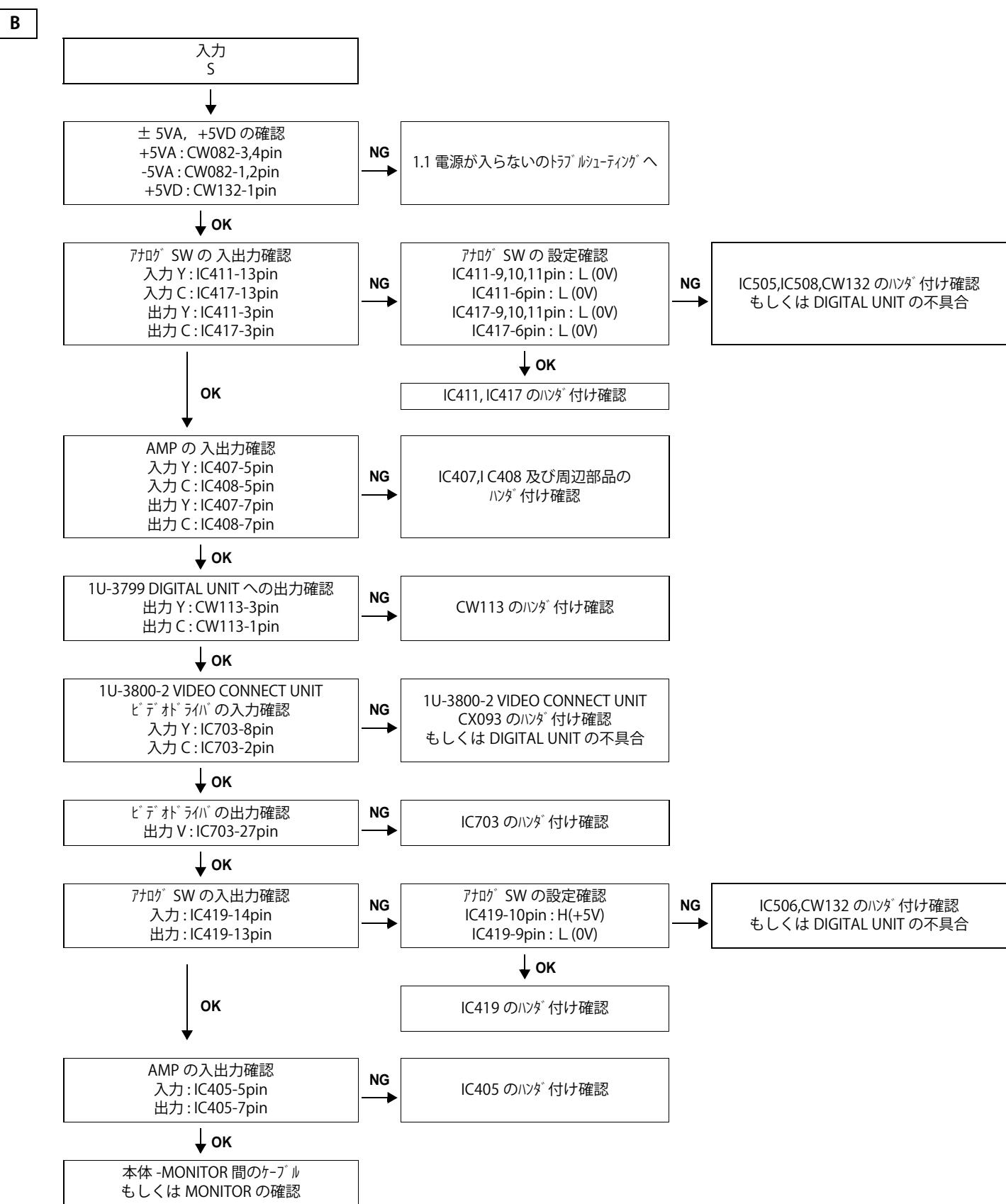
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



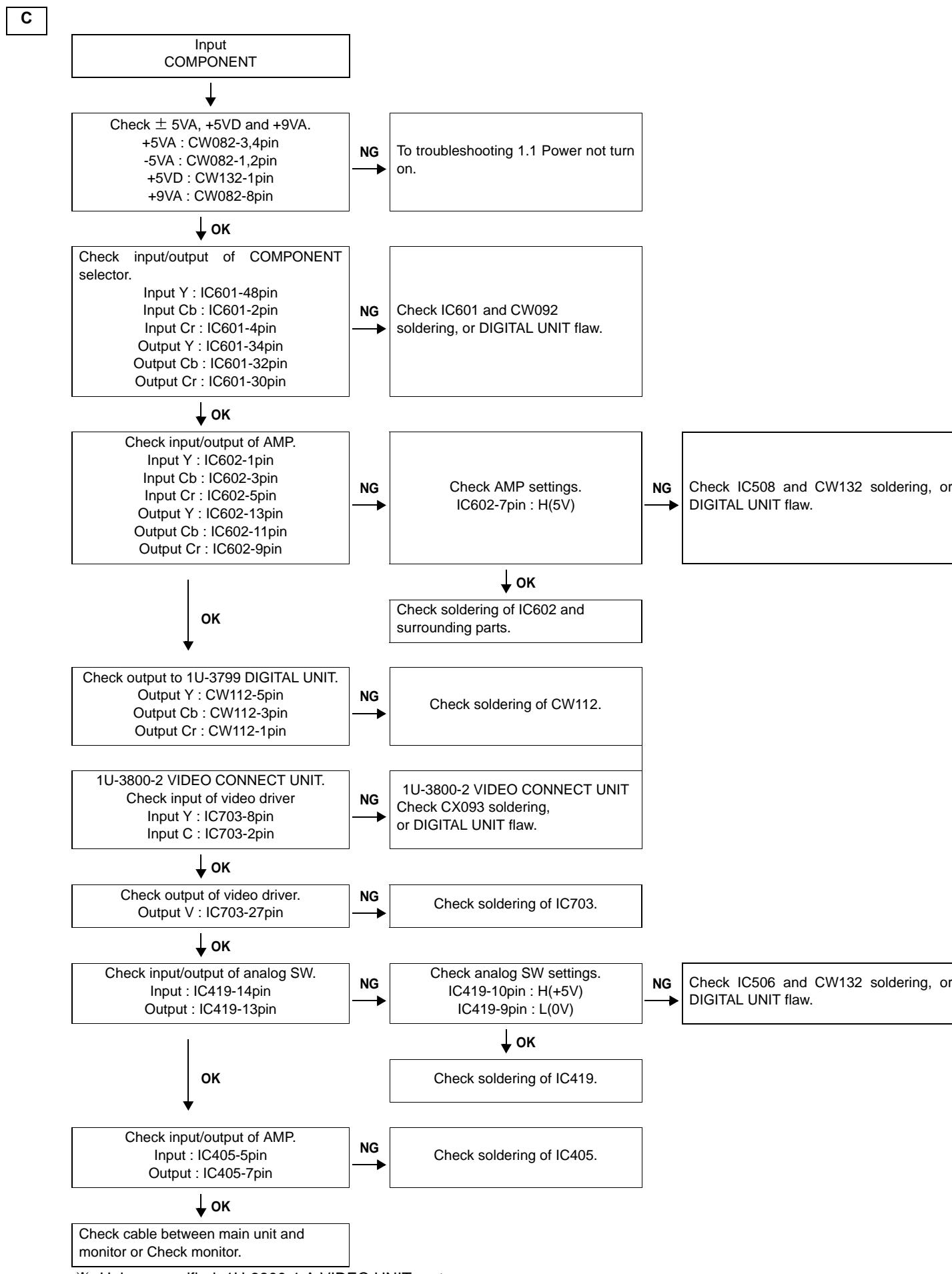
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。



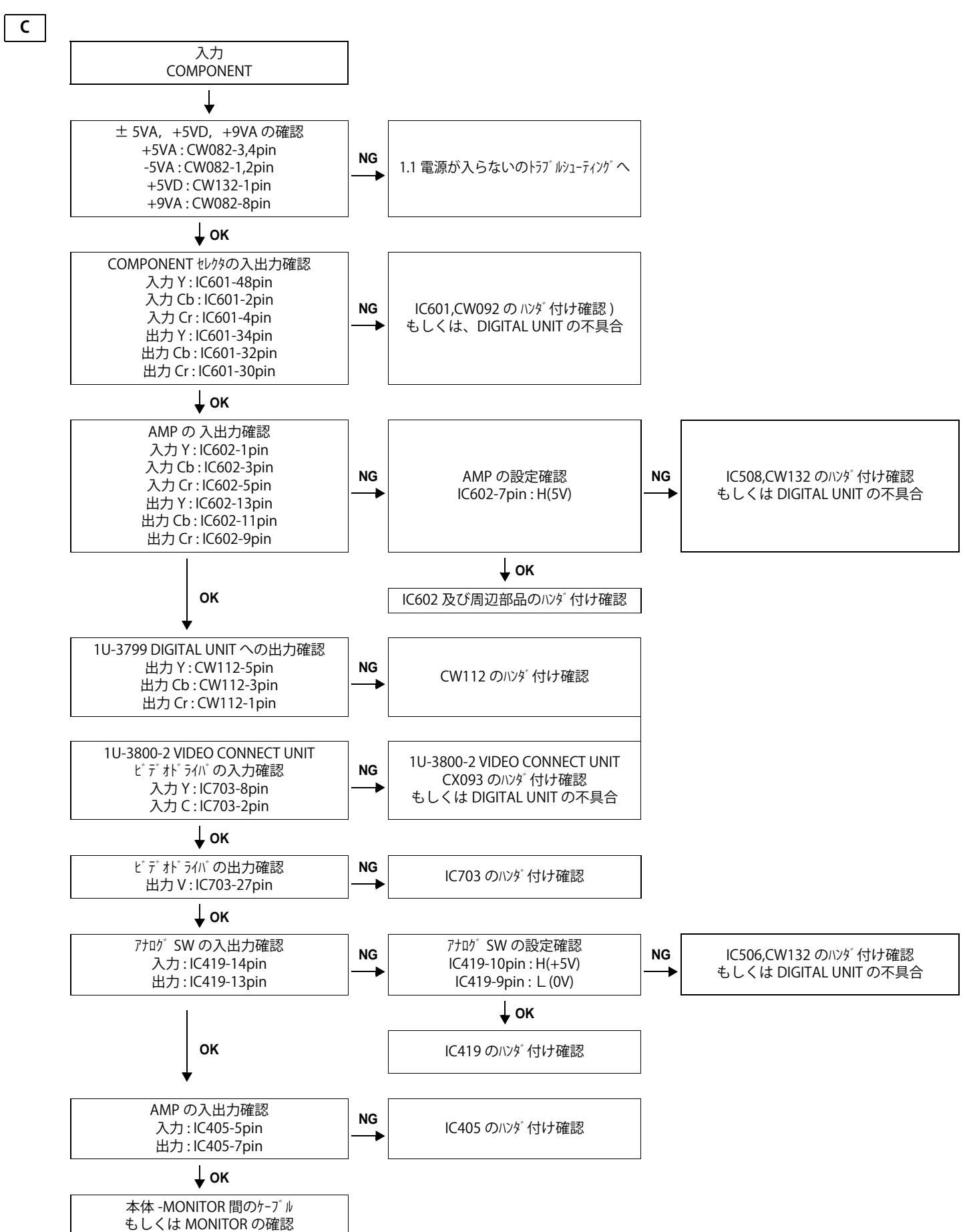
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



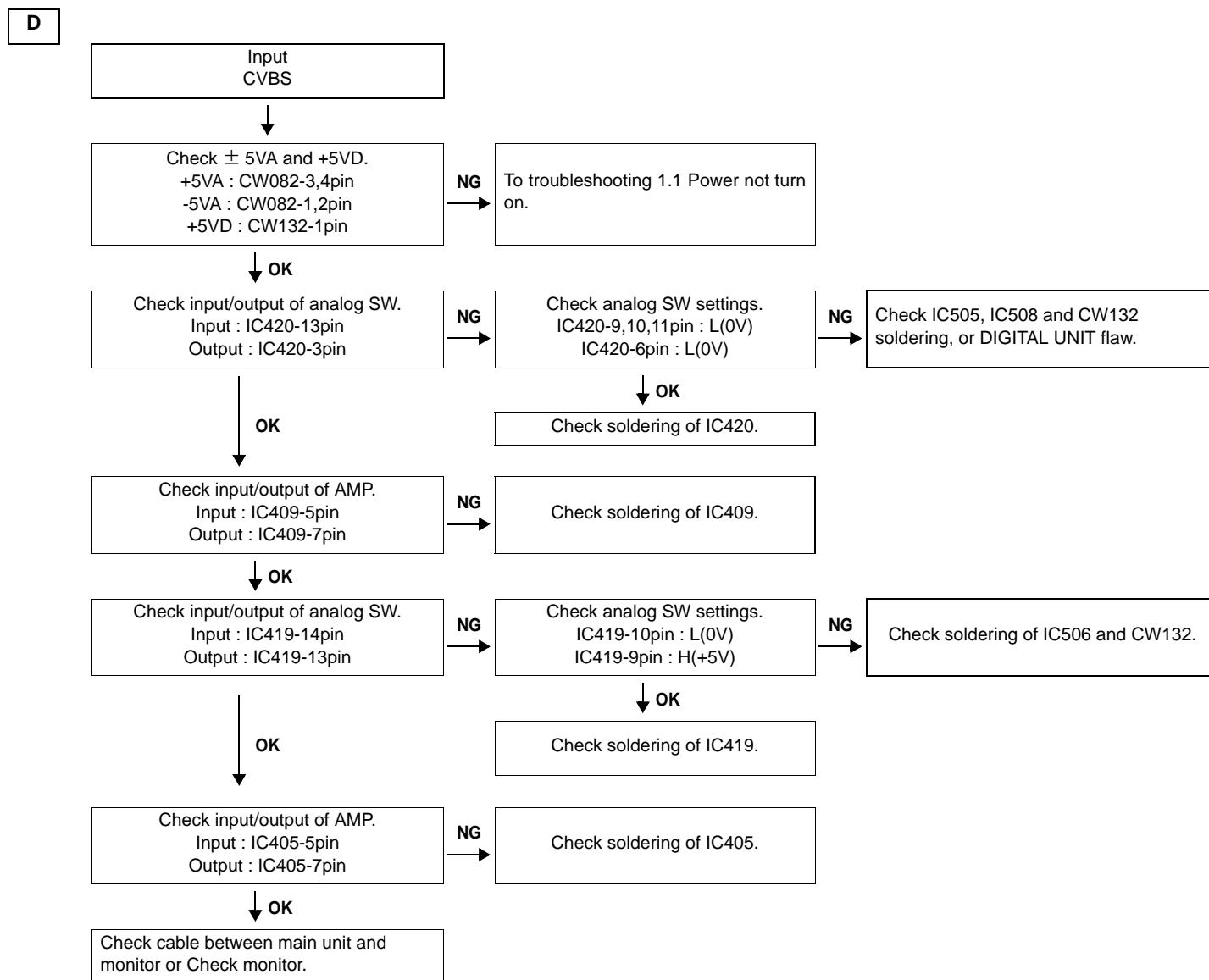
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。



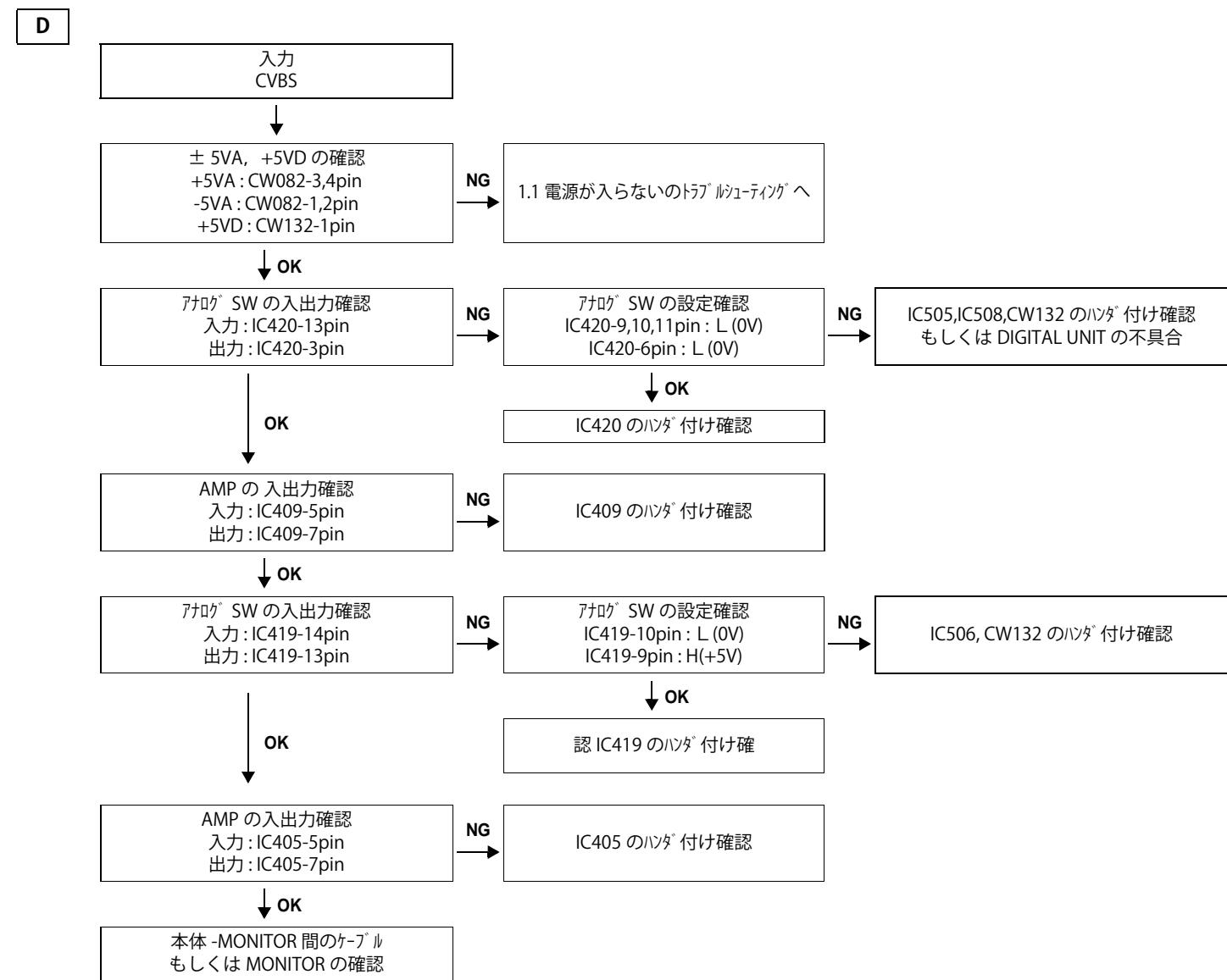
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

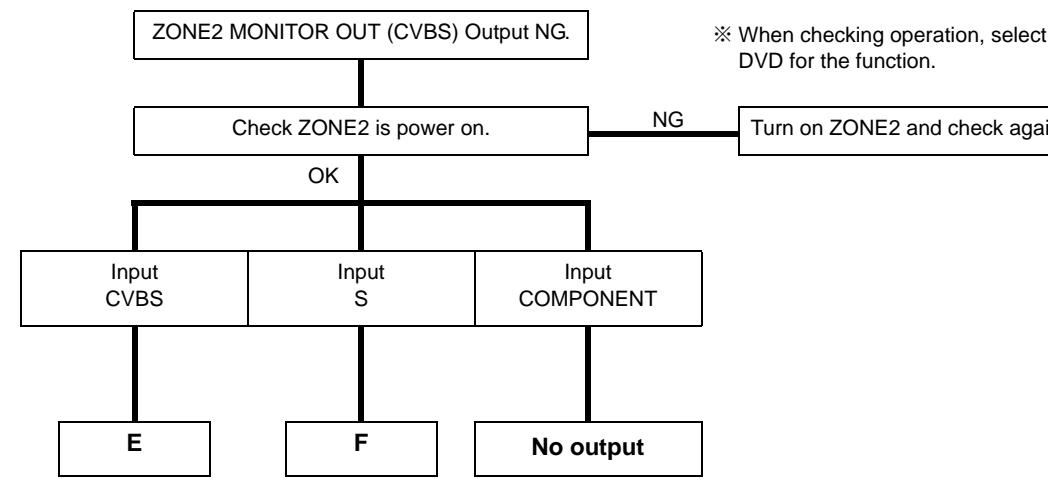


※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.

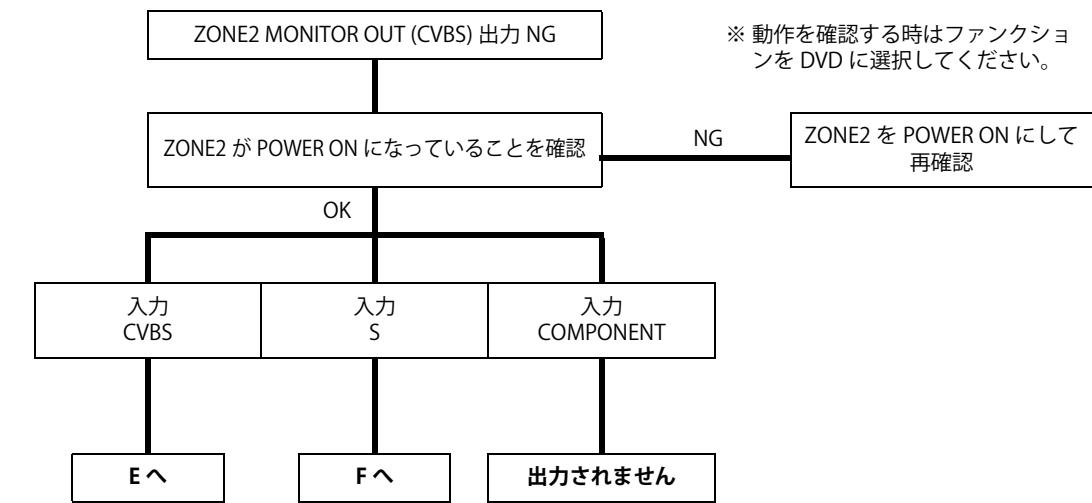


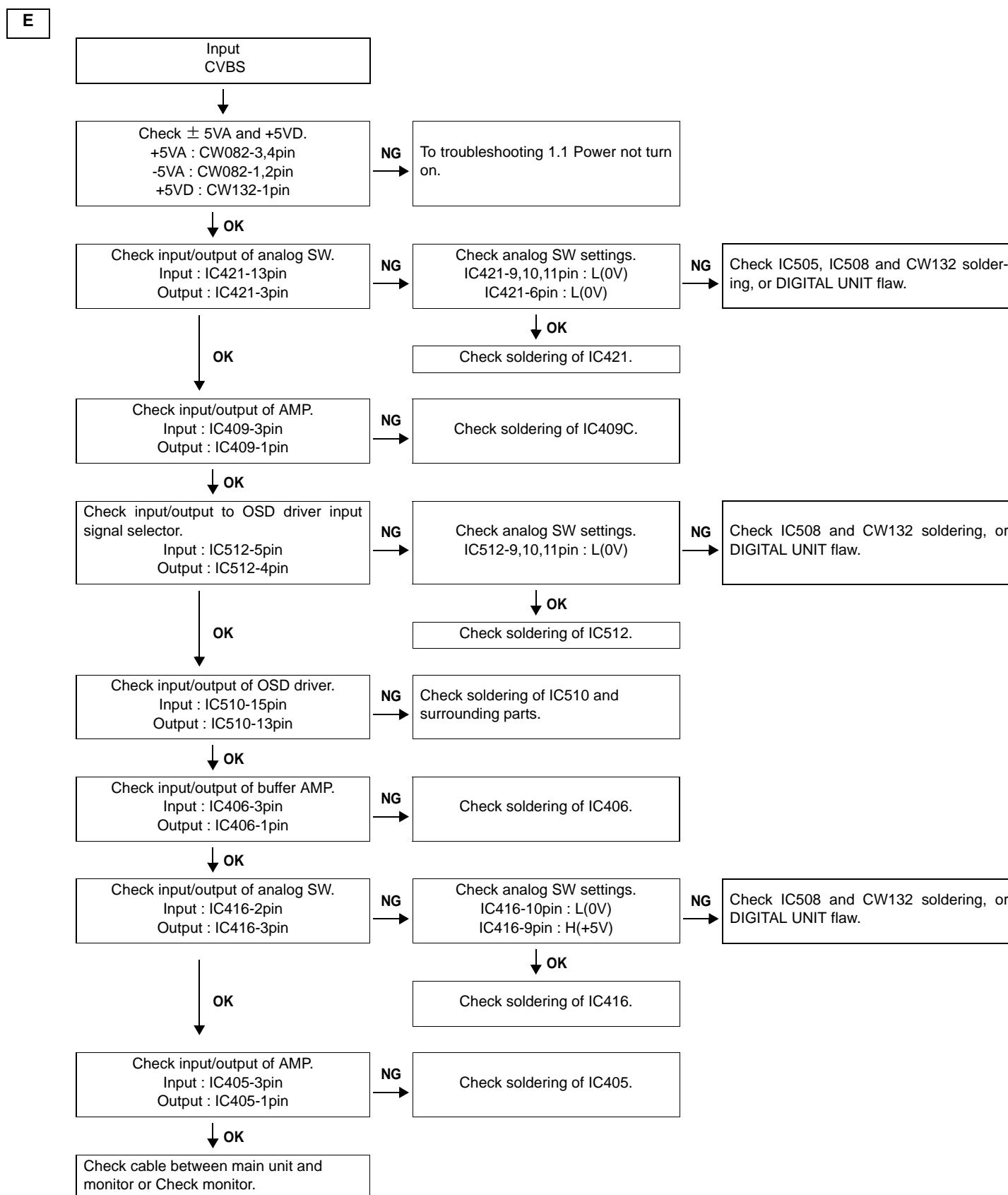
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

**2.2. ZONE2 MONITOR OUT (CVBS) Output NG  
(aside from AVC-3808 JP model)**

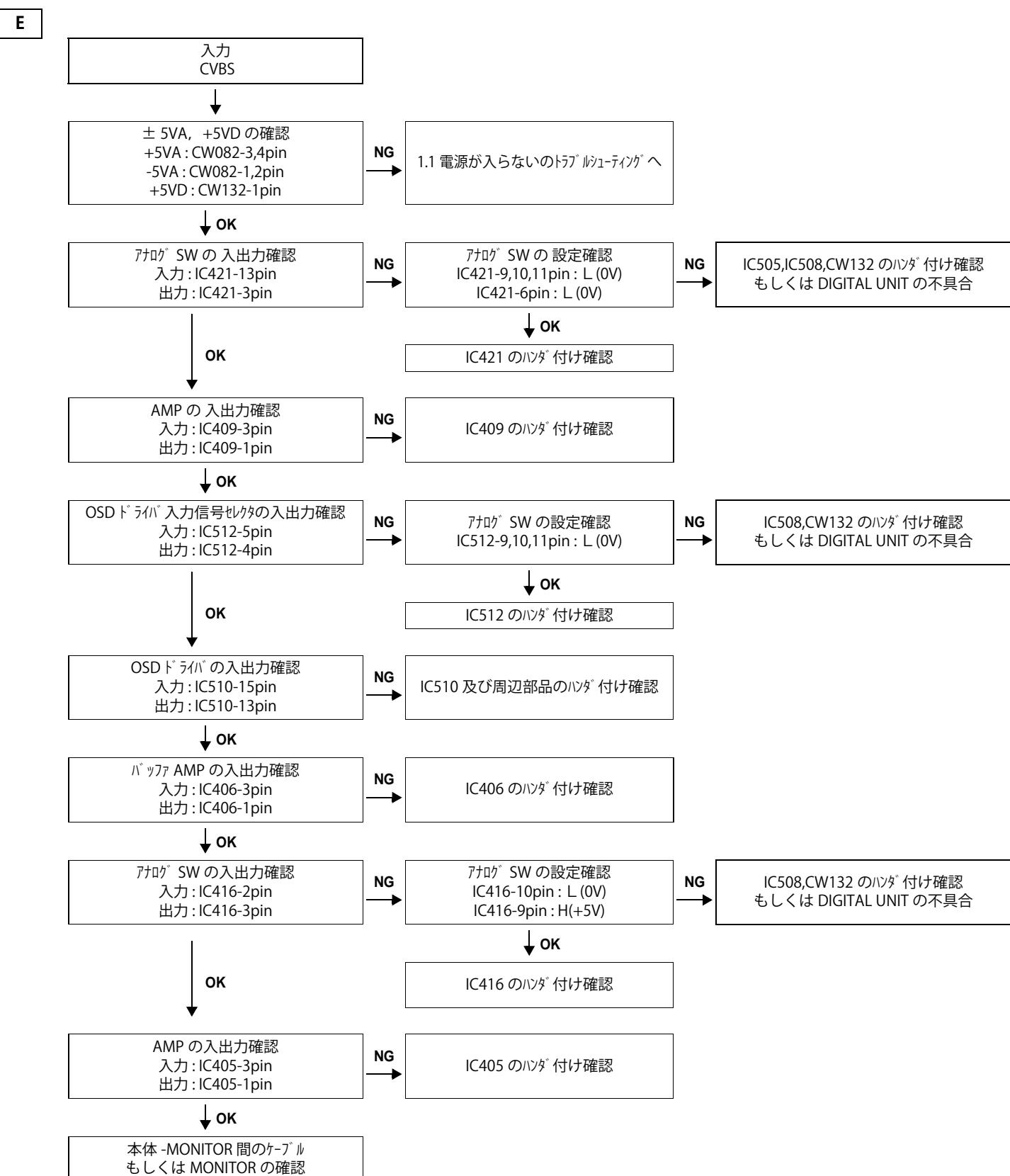


**2.2. ZONE2 MONITOR OUT (CVBS) 出力 NG  
(AVC-3808 国内モデルは除く )**

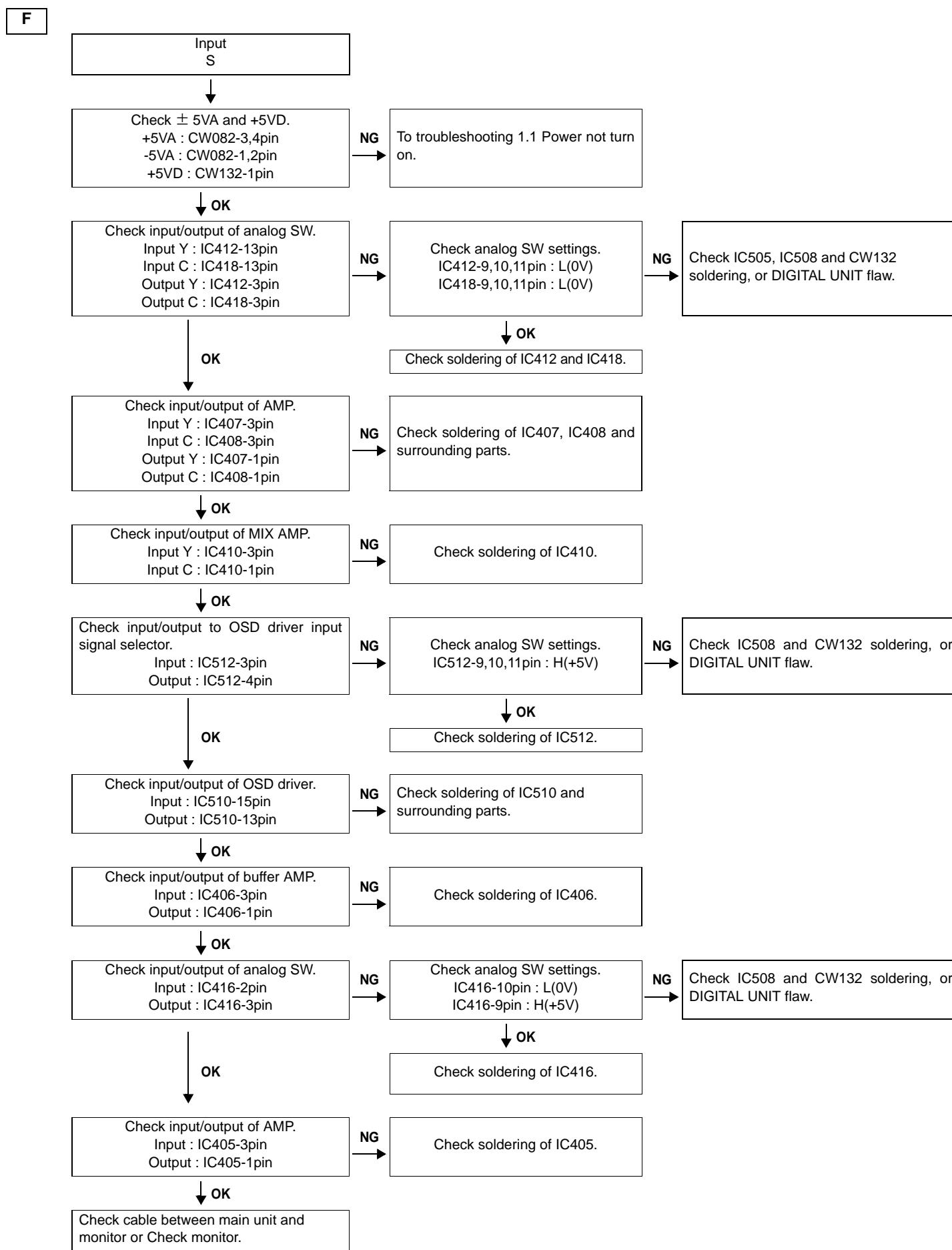




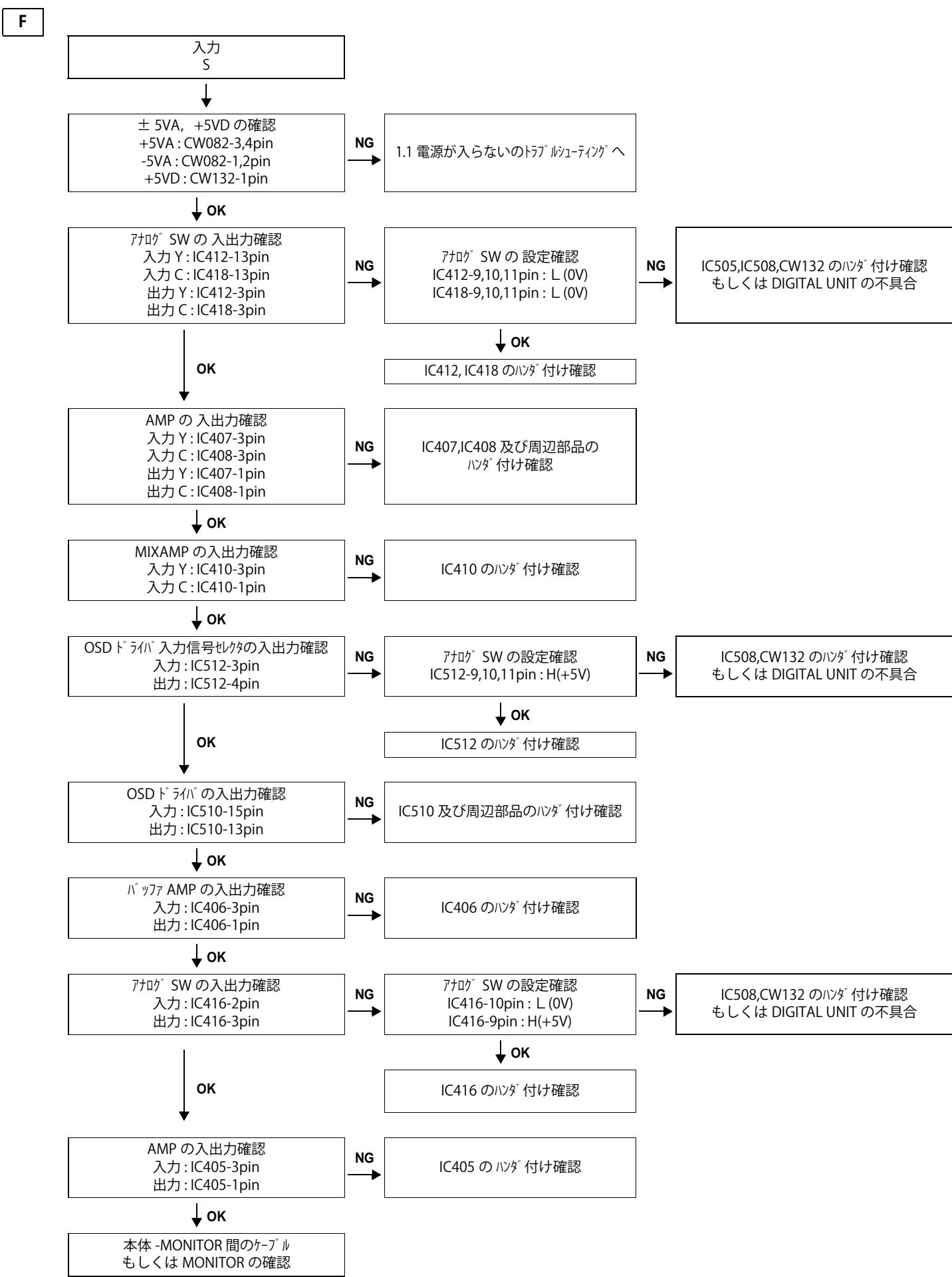
\* Unless specified, 1U-3800-1 A.VIDEO UNIT part.



\* 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

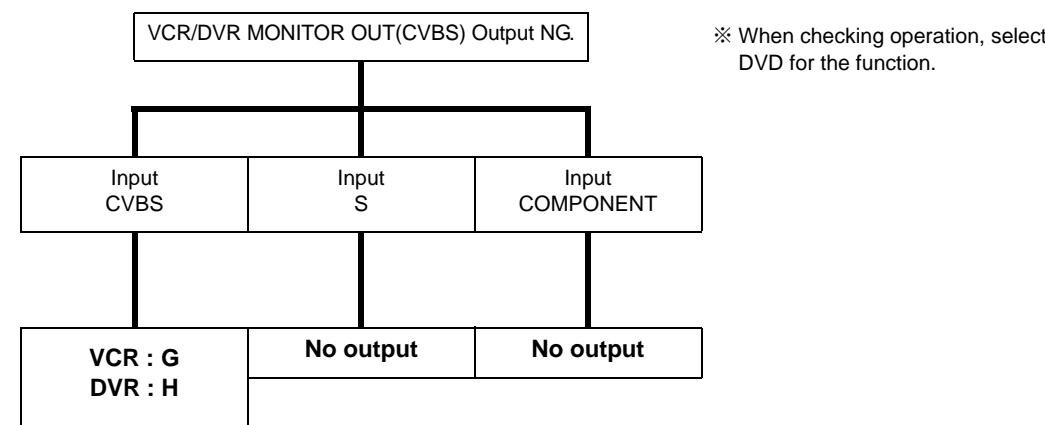


\* Unless specified, 1U-3800-1 A.VIDEO UNIT part.

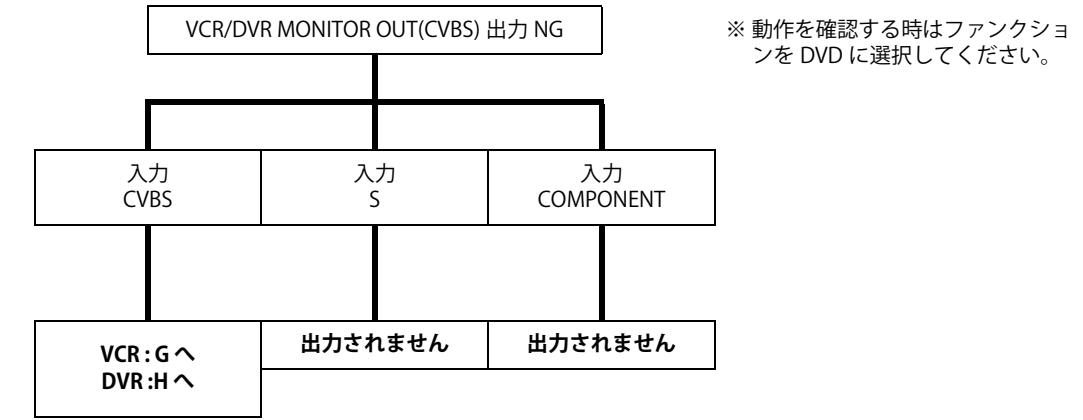


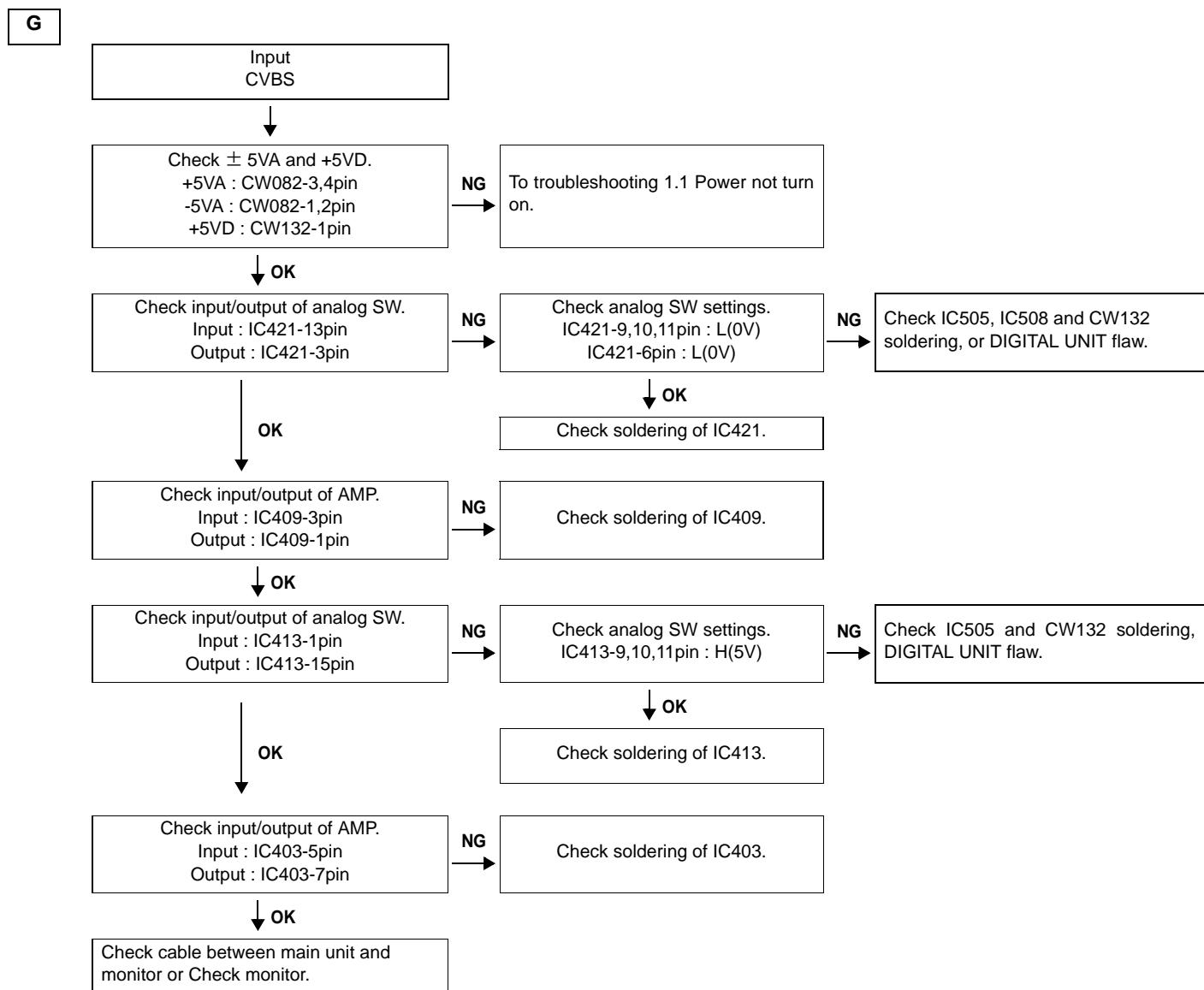
\* 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

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

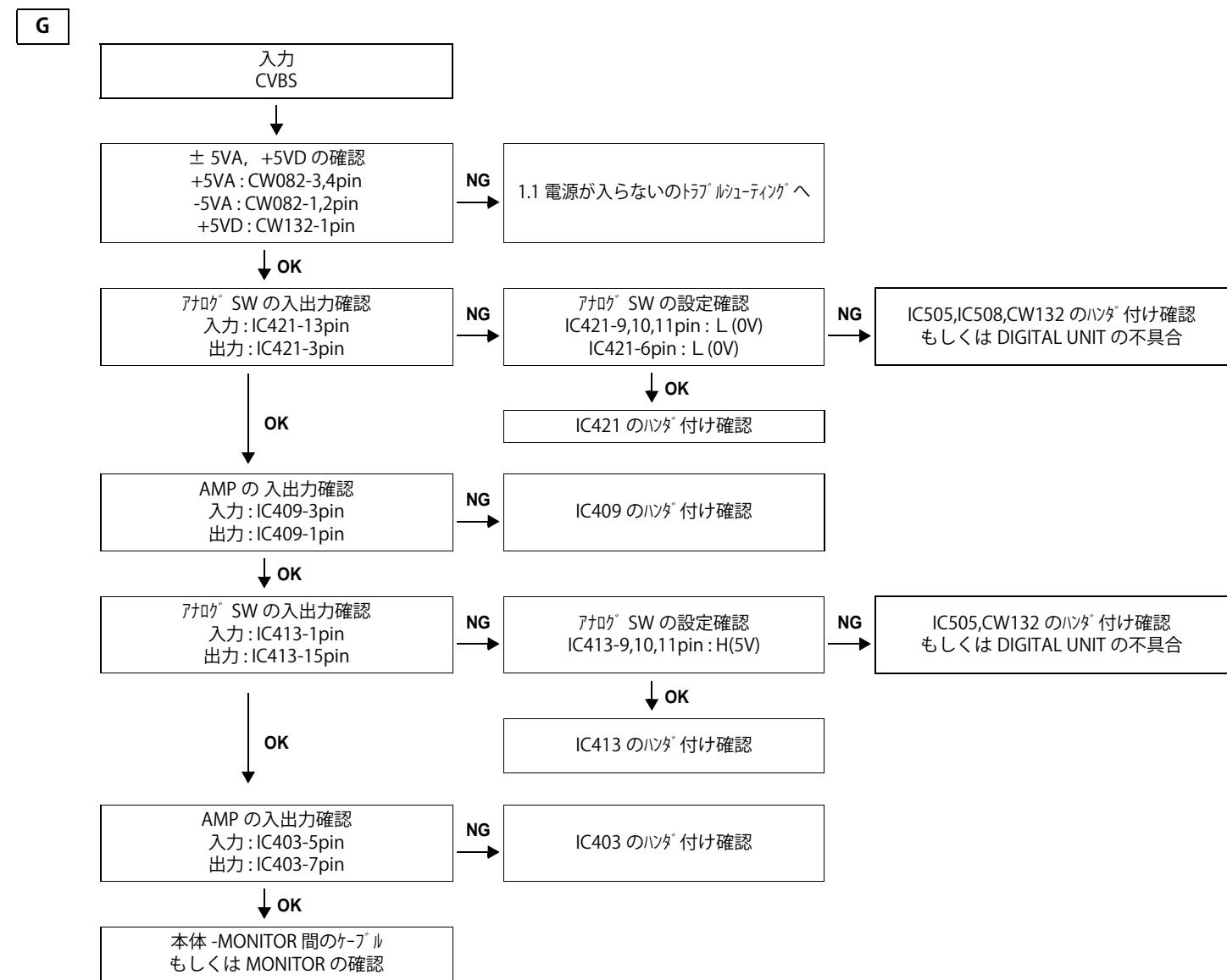


### 2.3. VCR/DVR MONITOR OUT(CVBS) 出力 NG

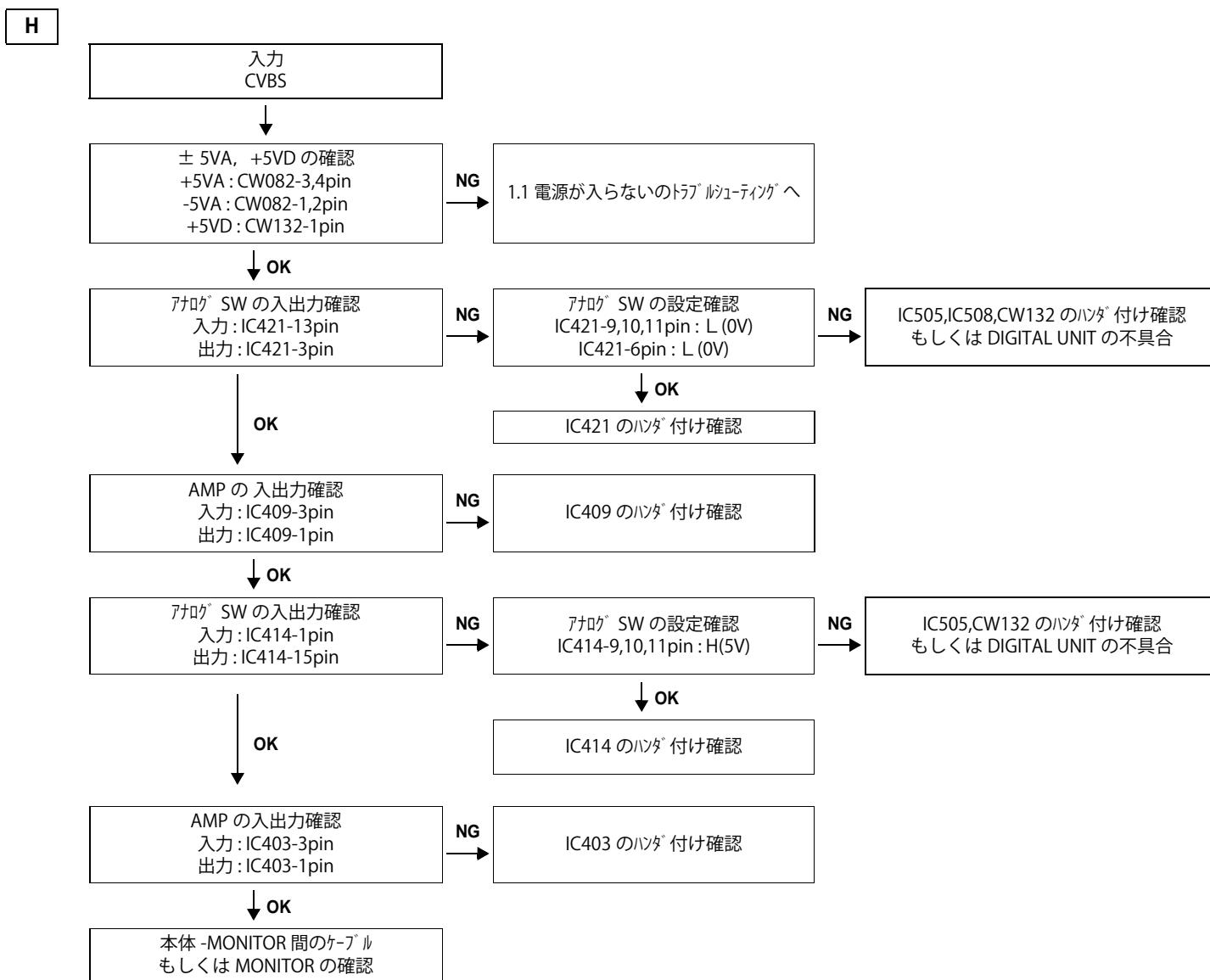
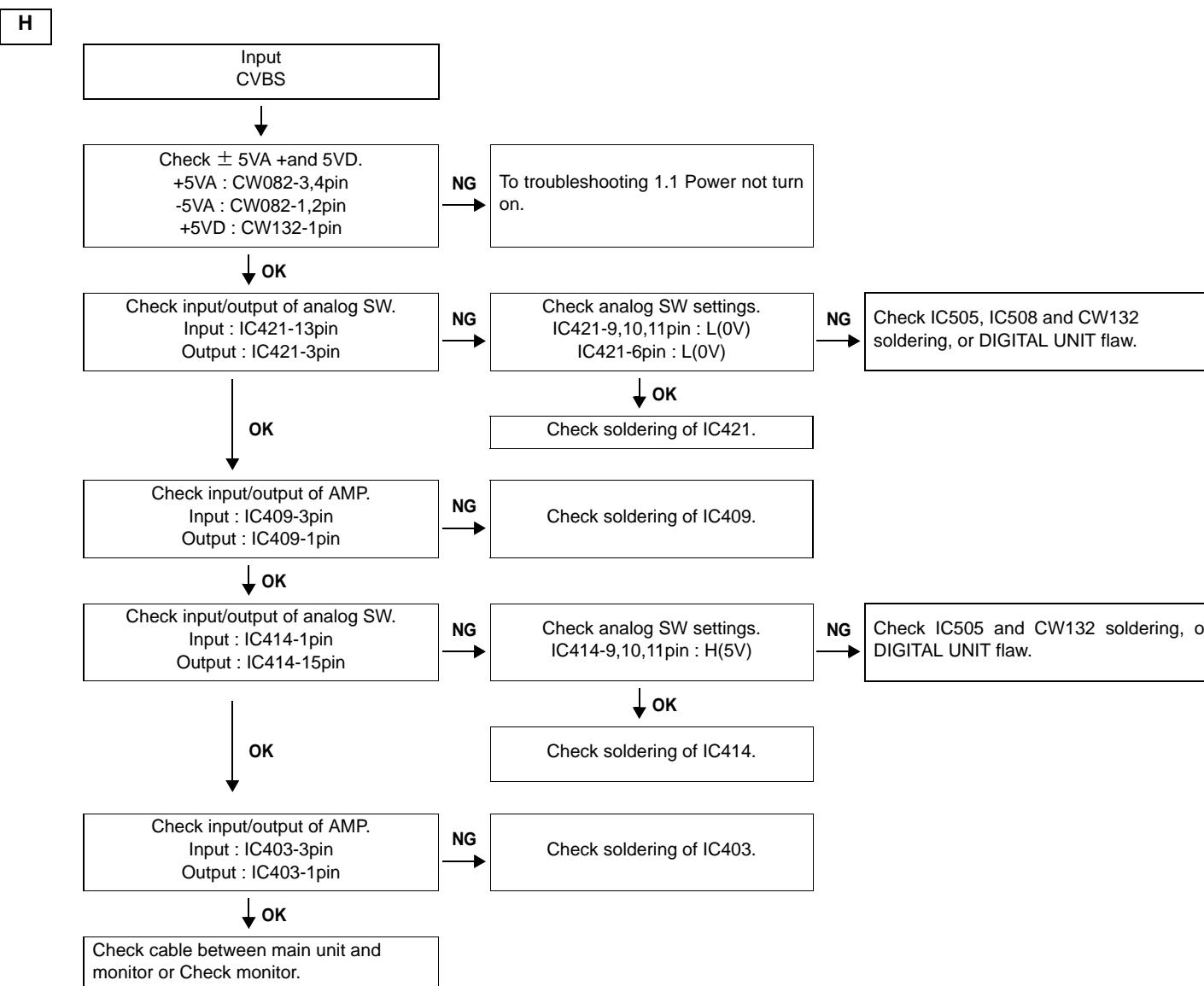




※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



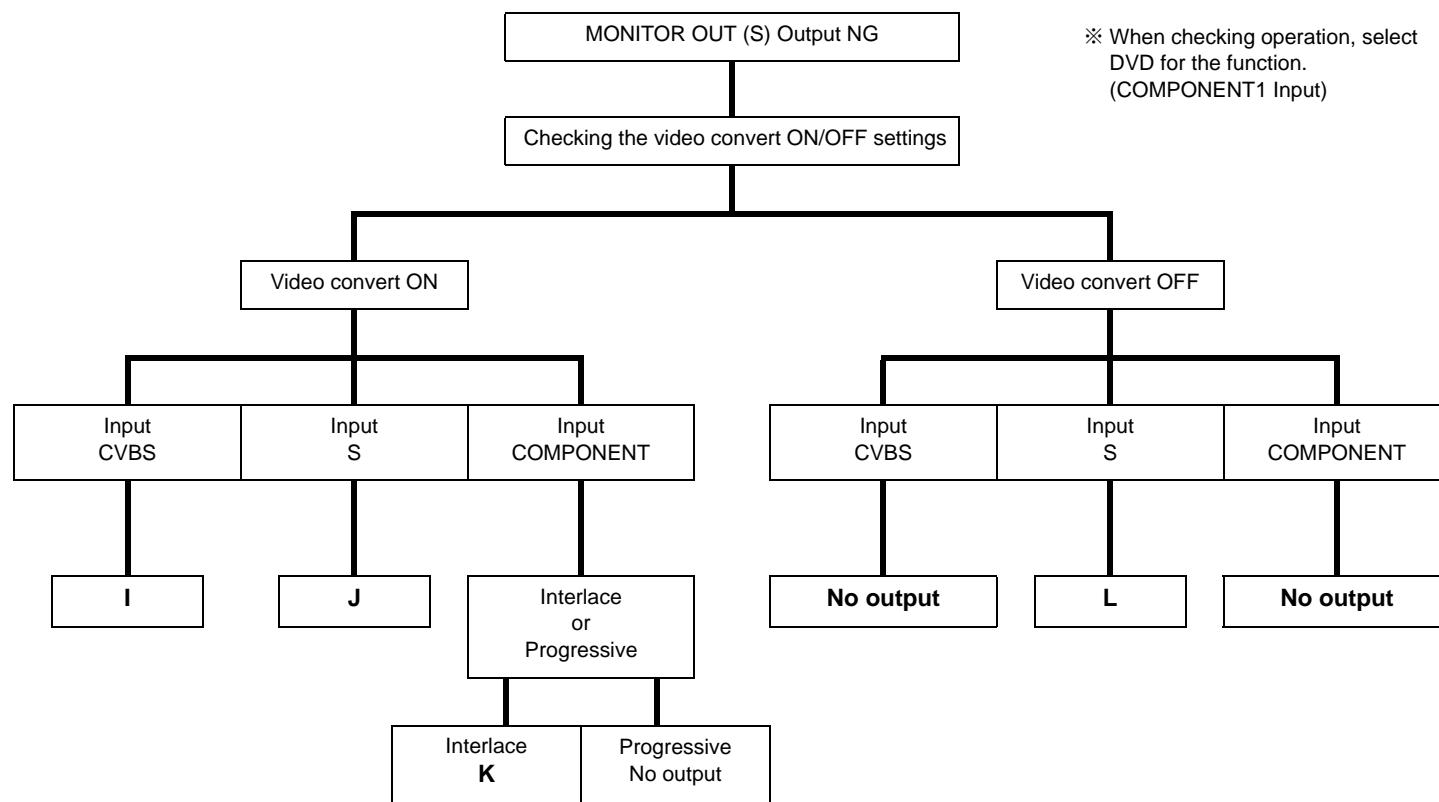
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。



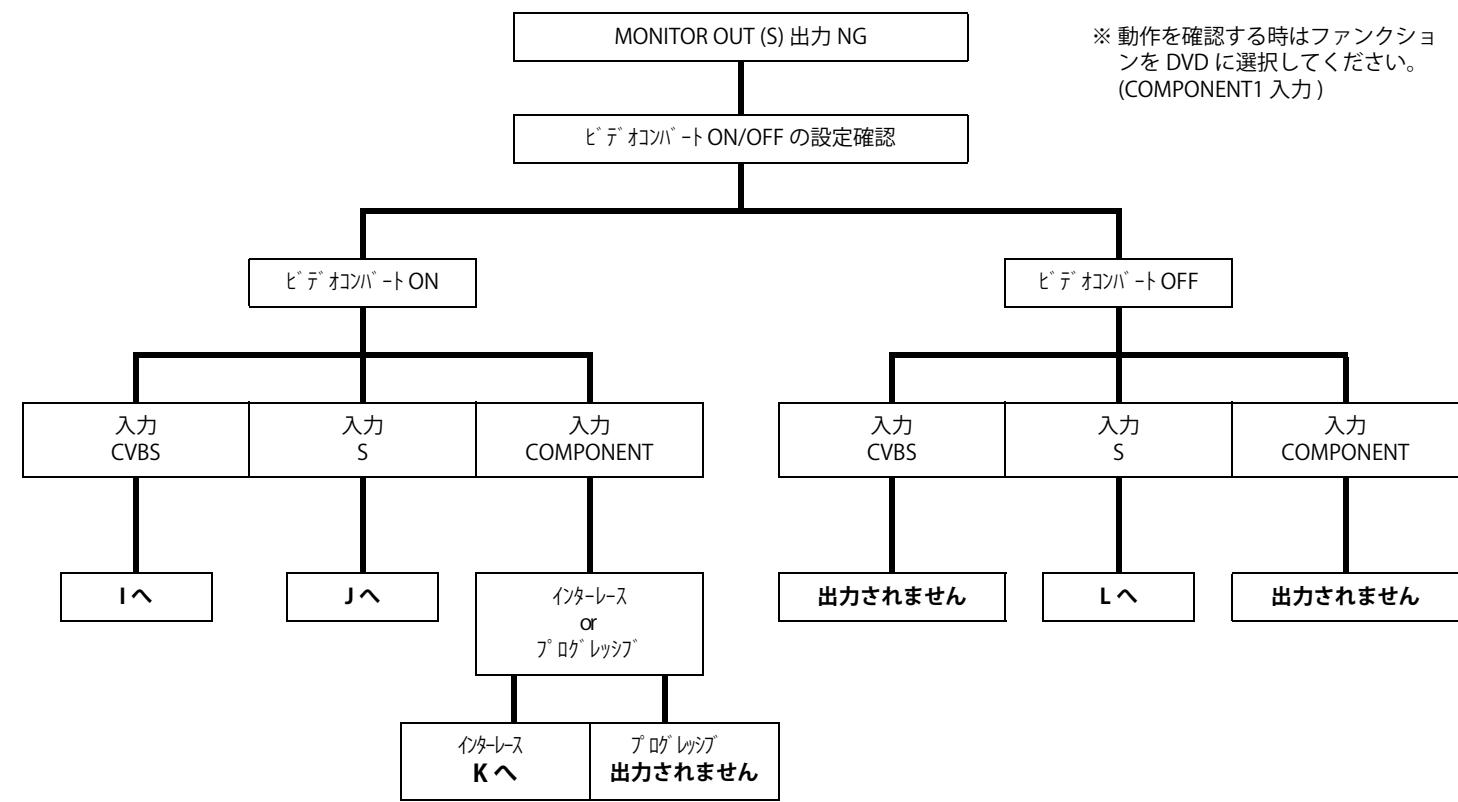
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part

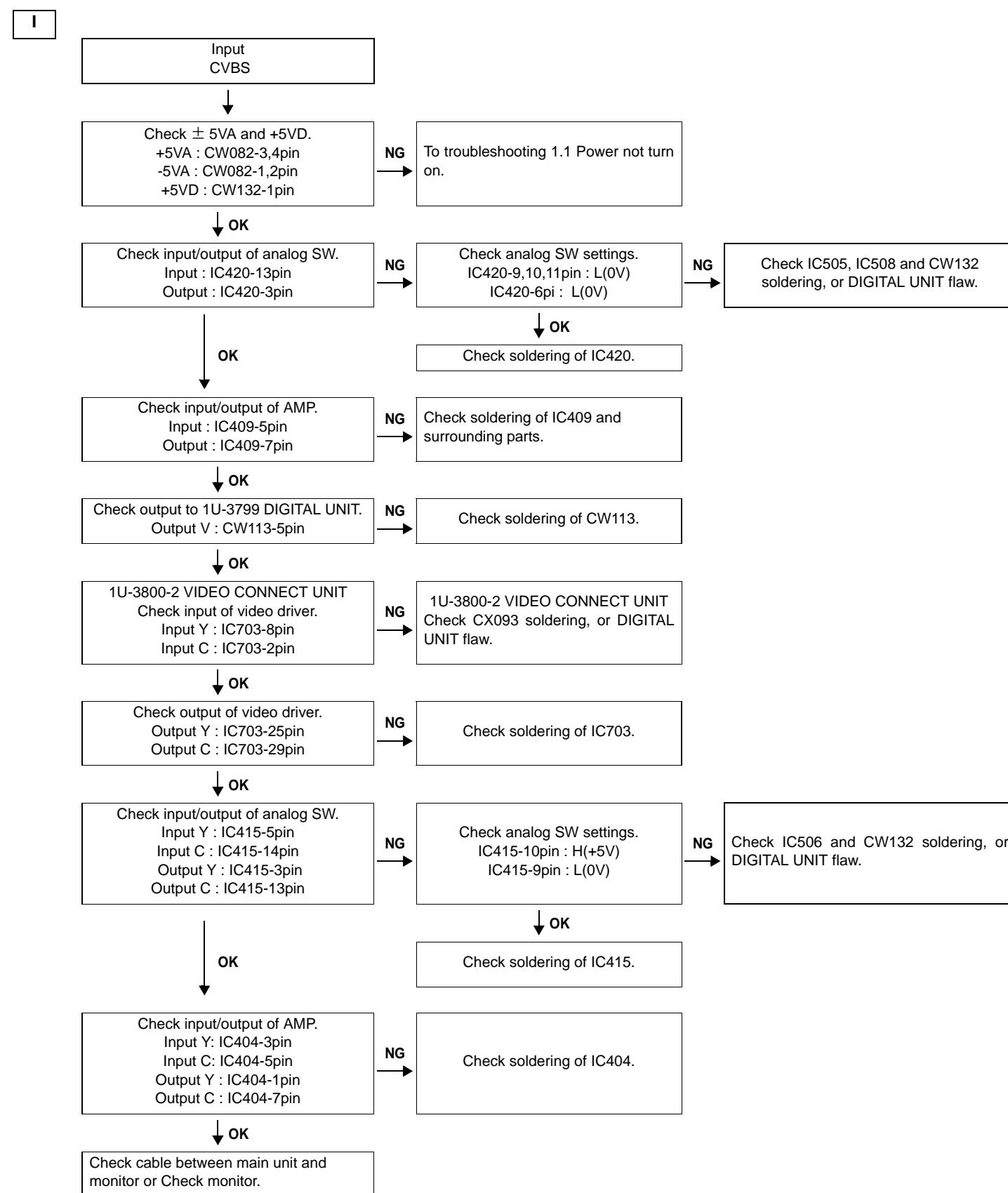
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

#### 2.4. MONITOR OUT (S) Output NG

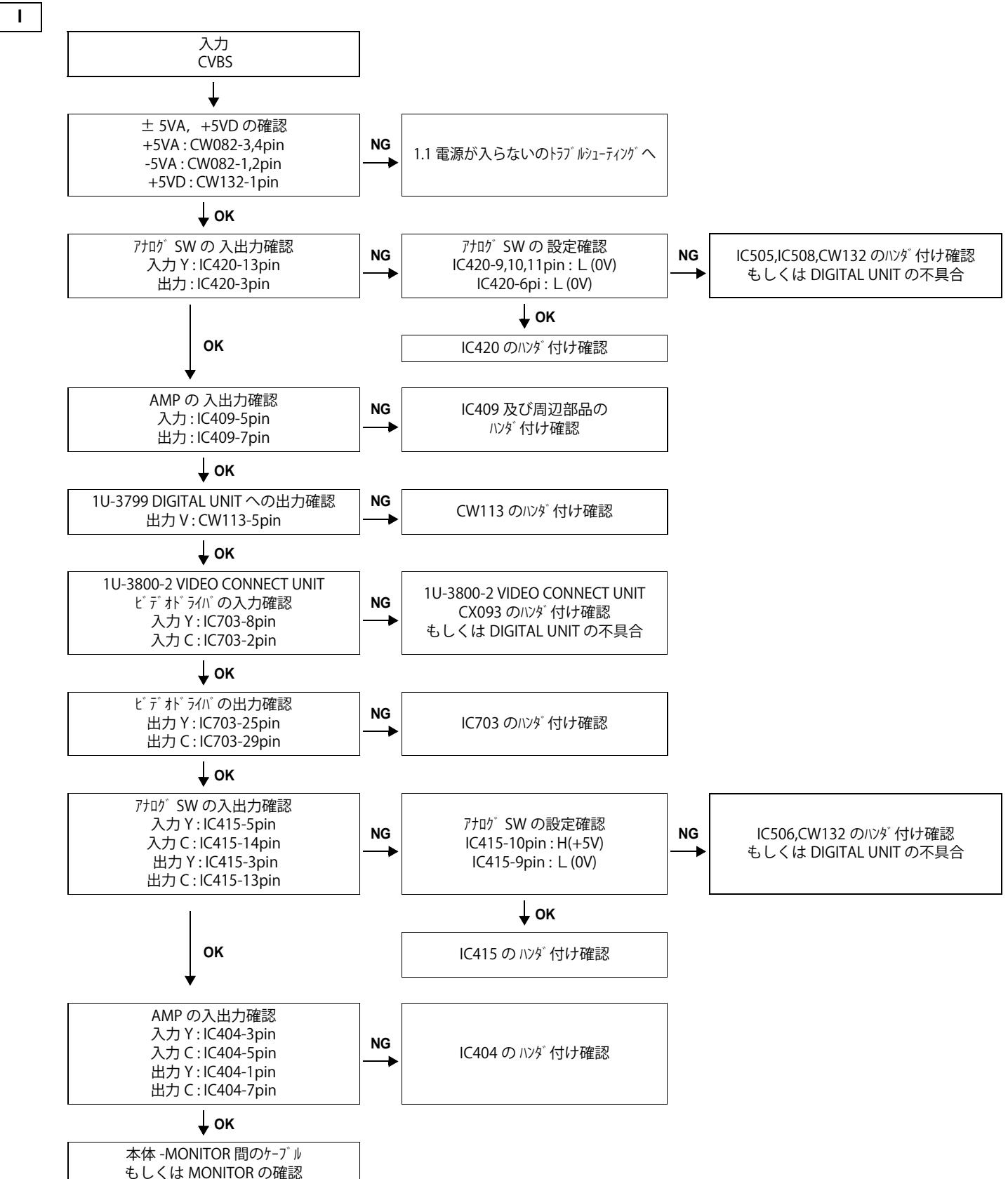


#### 2.4. MONITOR OUT (S) 出力 NG

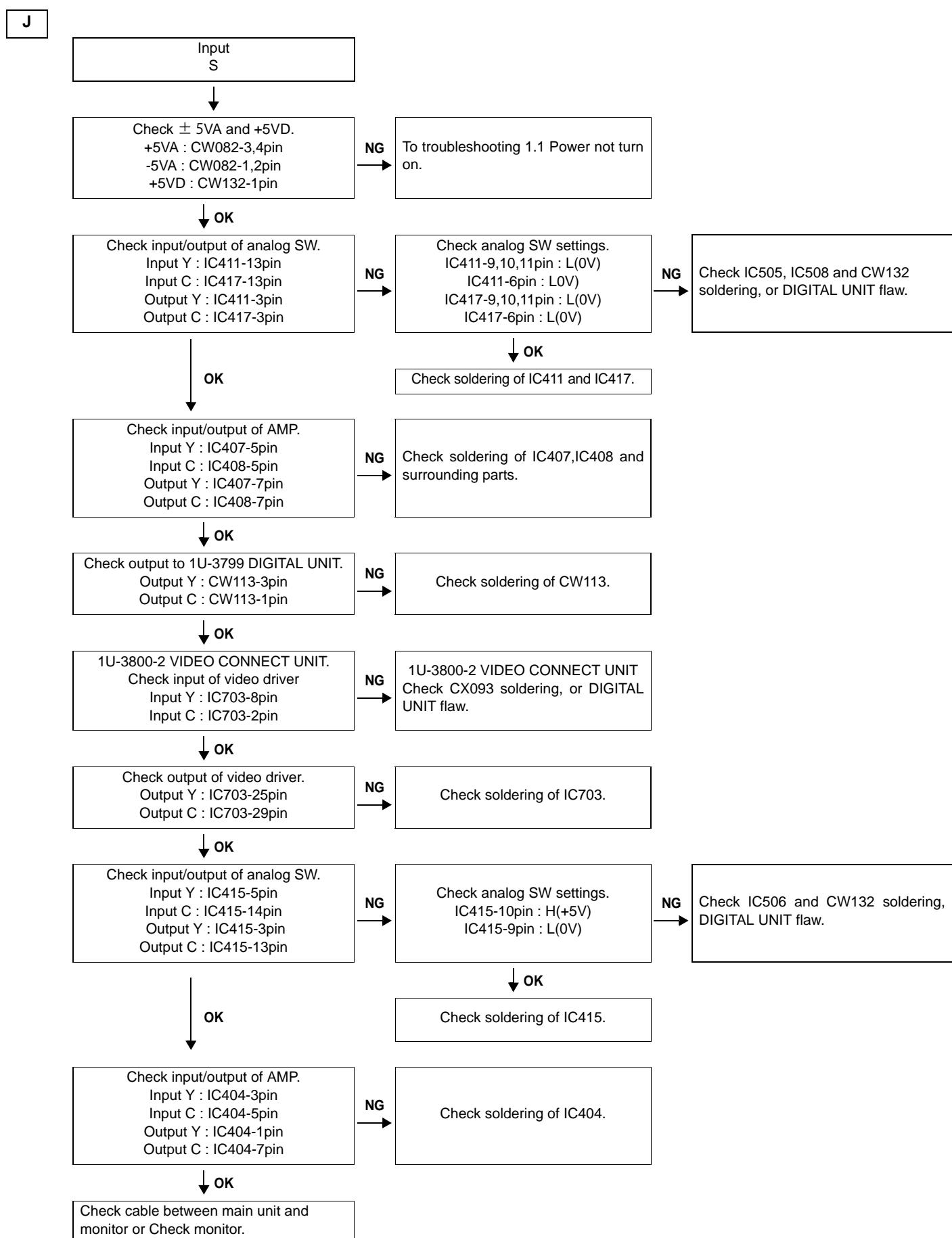




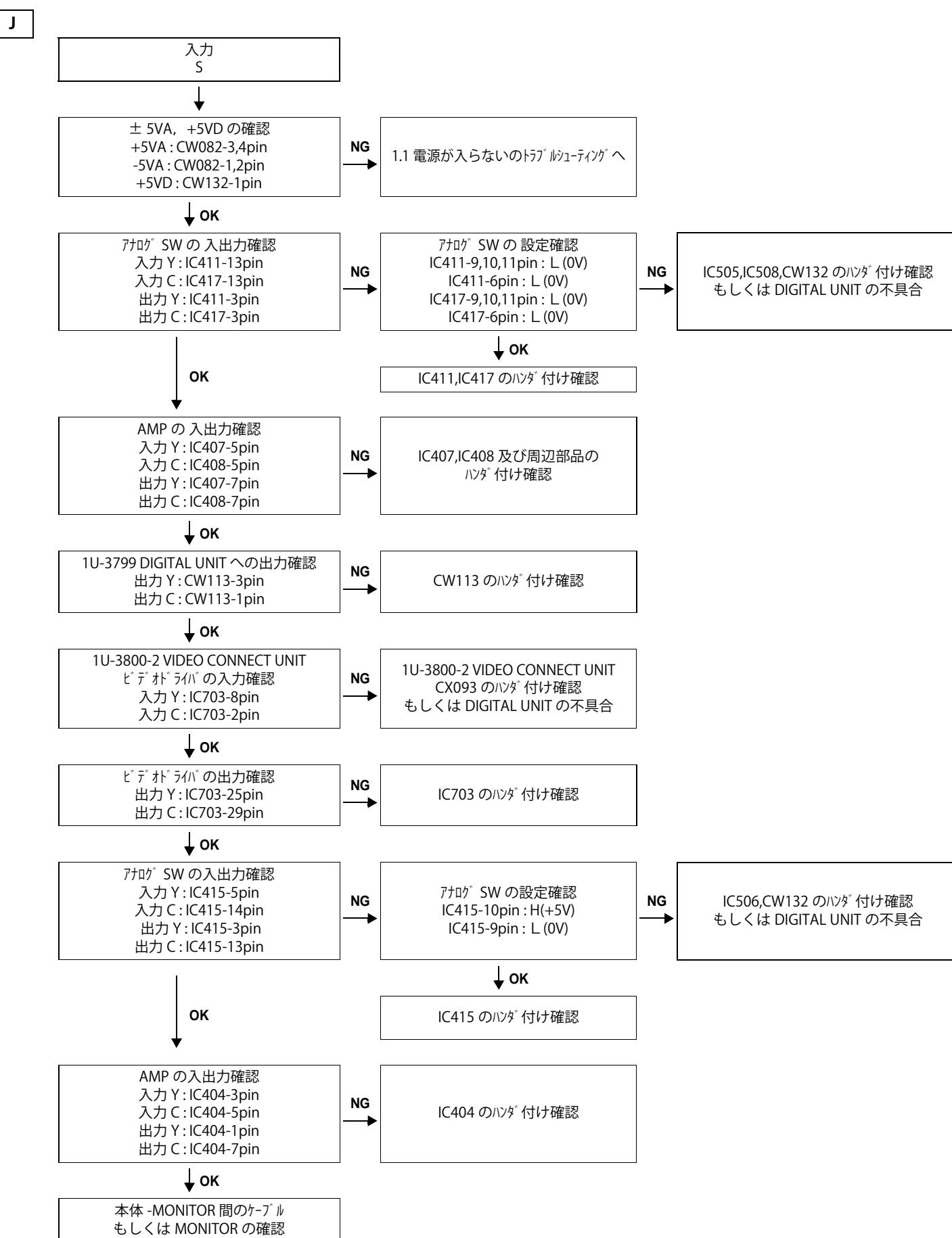
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



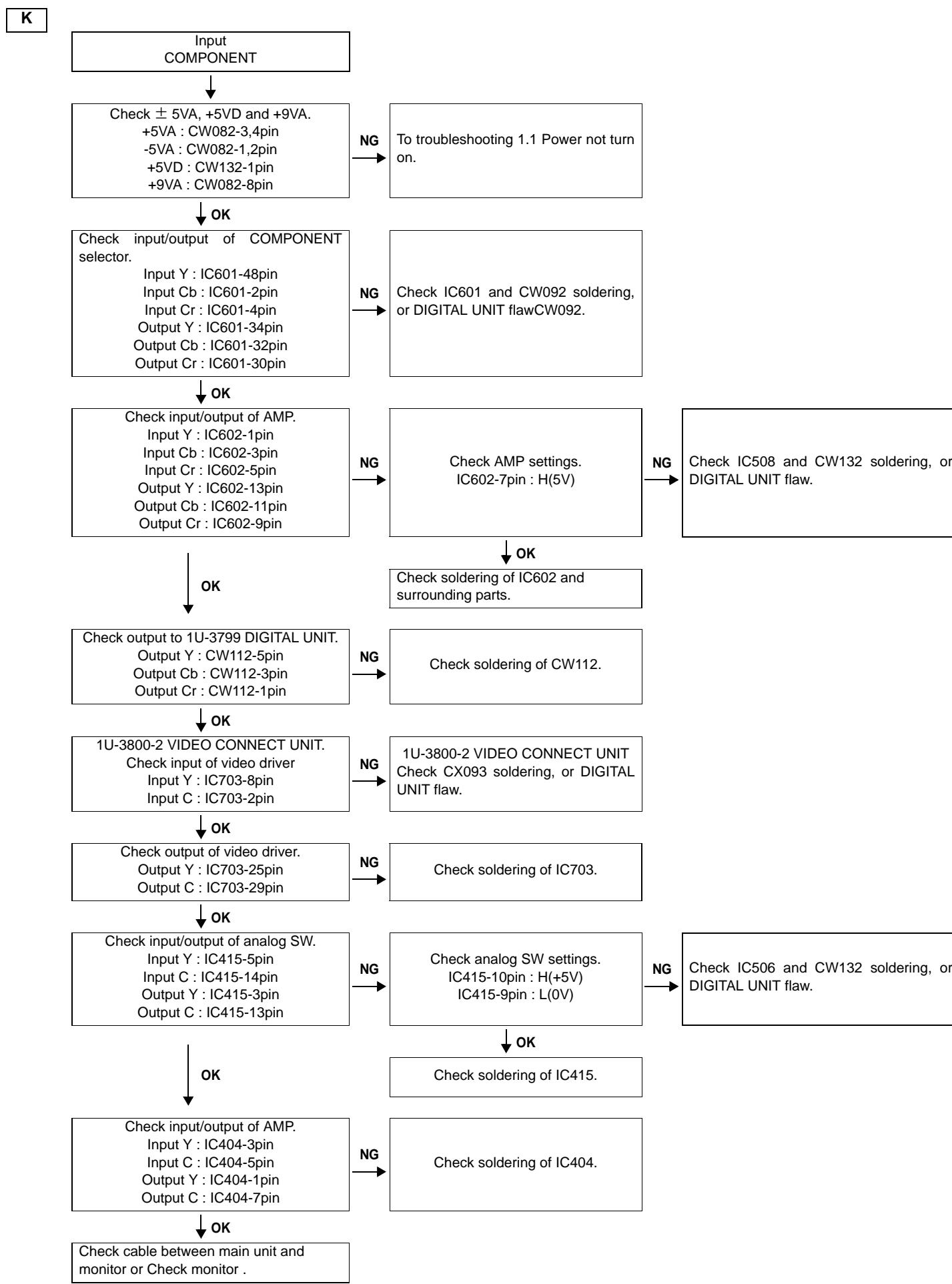
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。



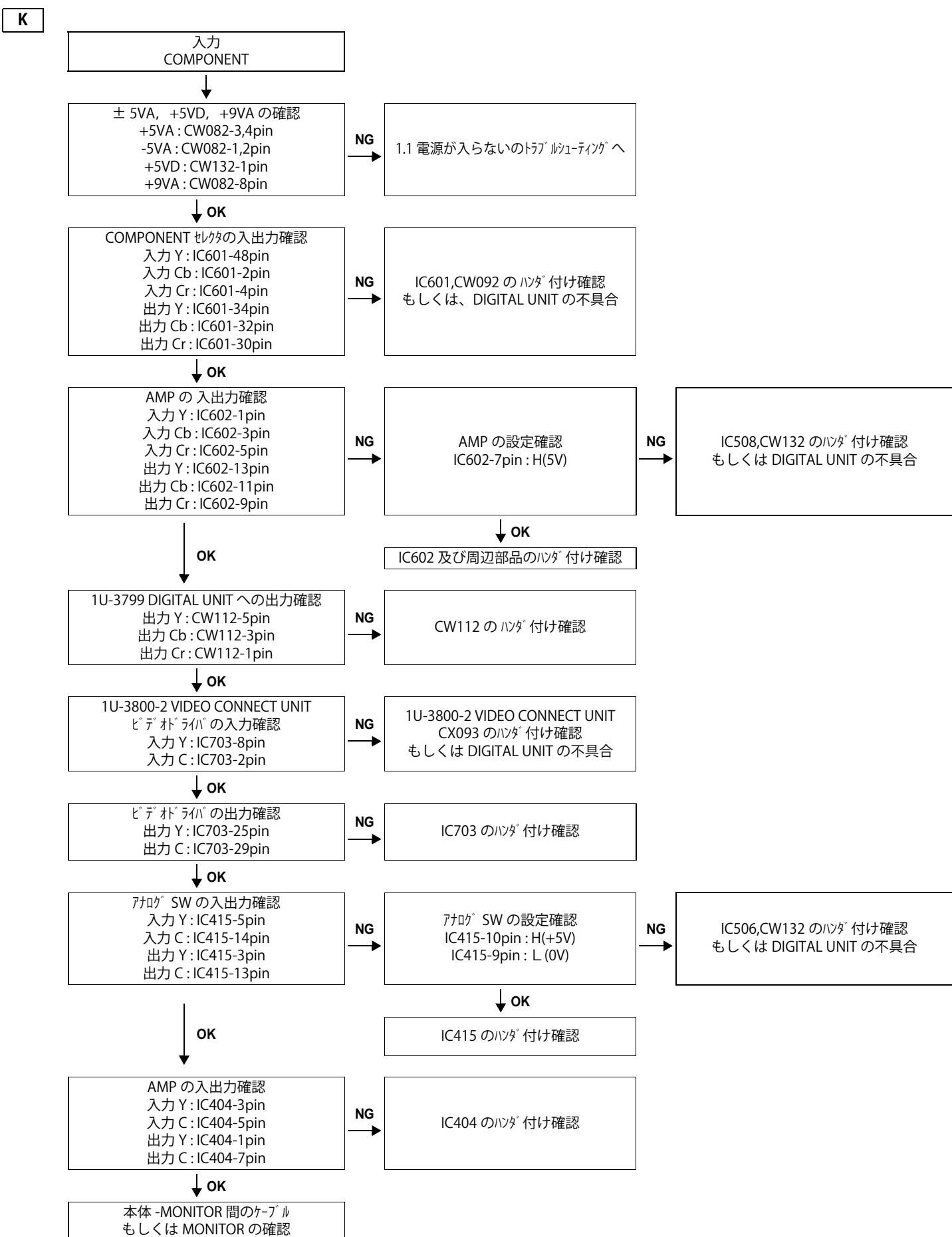
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



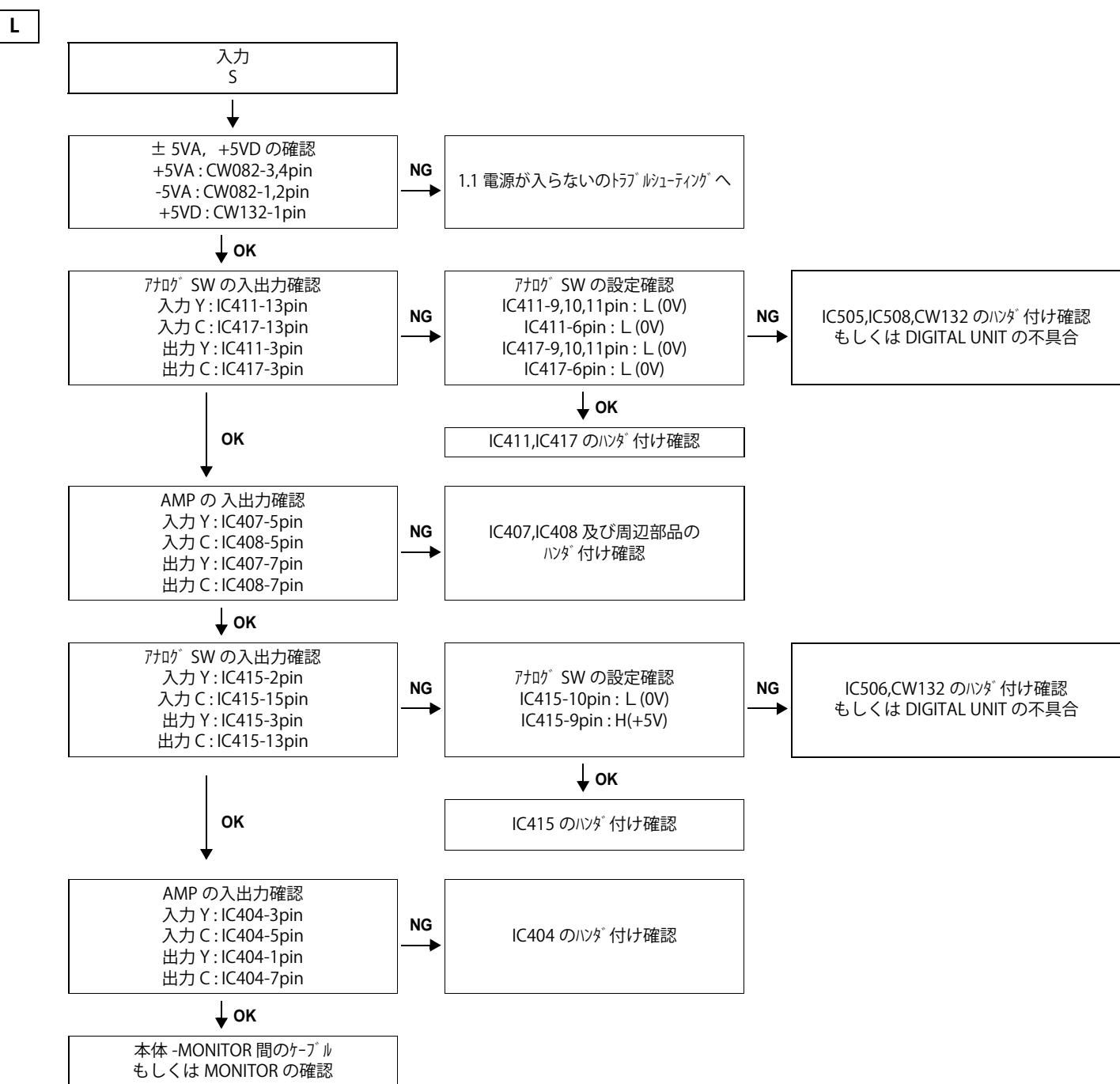
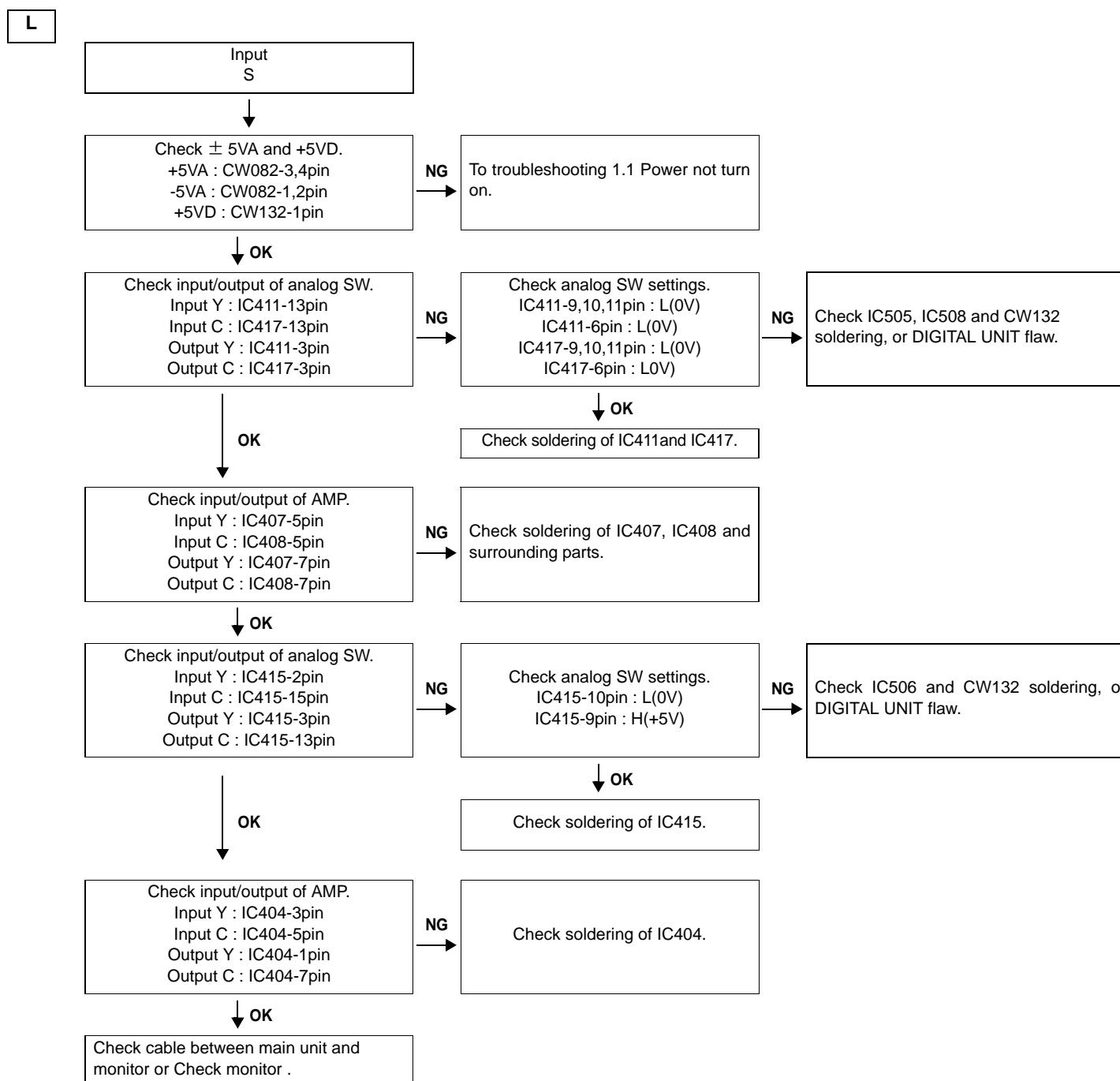
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。



\* Unless specified, 1U-3800-1 A.VIDEO UNIT part.



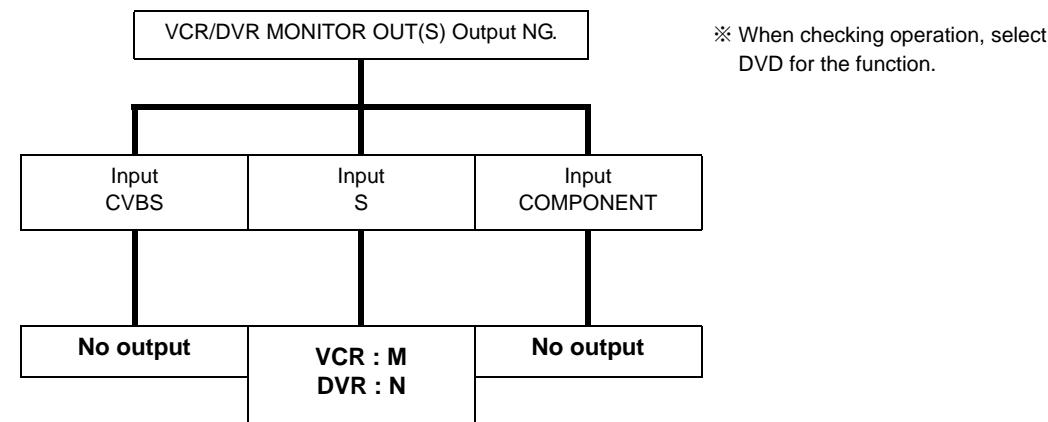
\* 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。



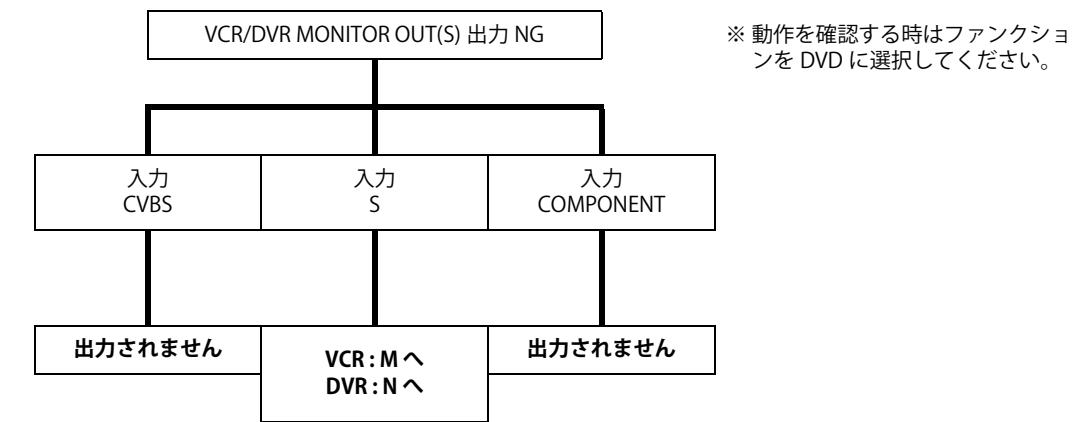
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.

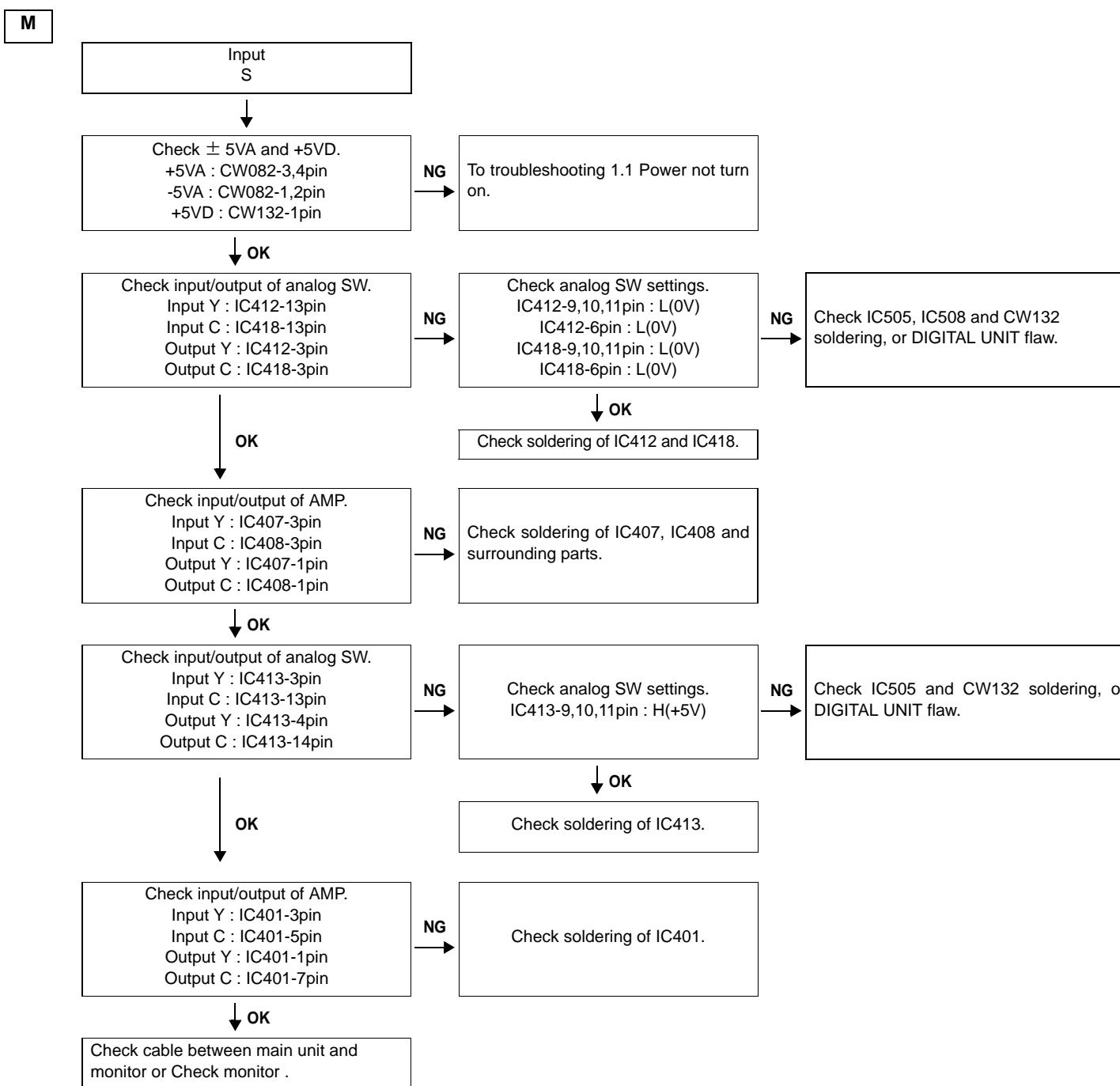
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

## 2.5. VCR/DVR MONITOR OUT(S) Output NG

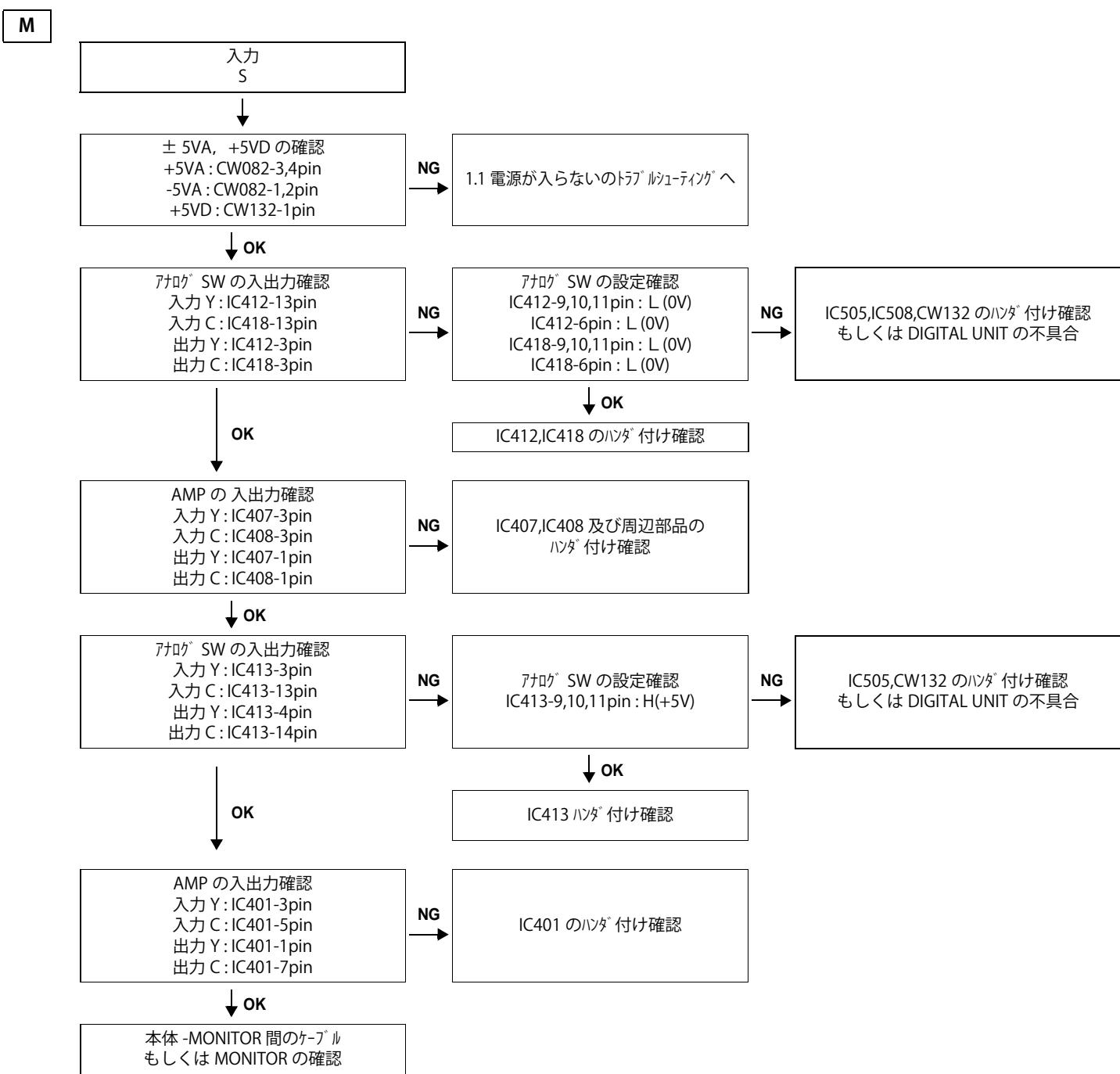


## 2.5. VCR/DVR MONITOR OUT(S) 出力 NG

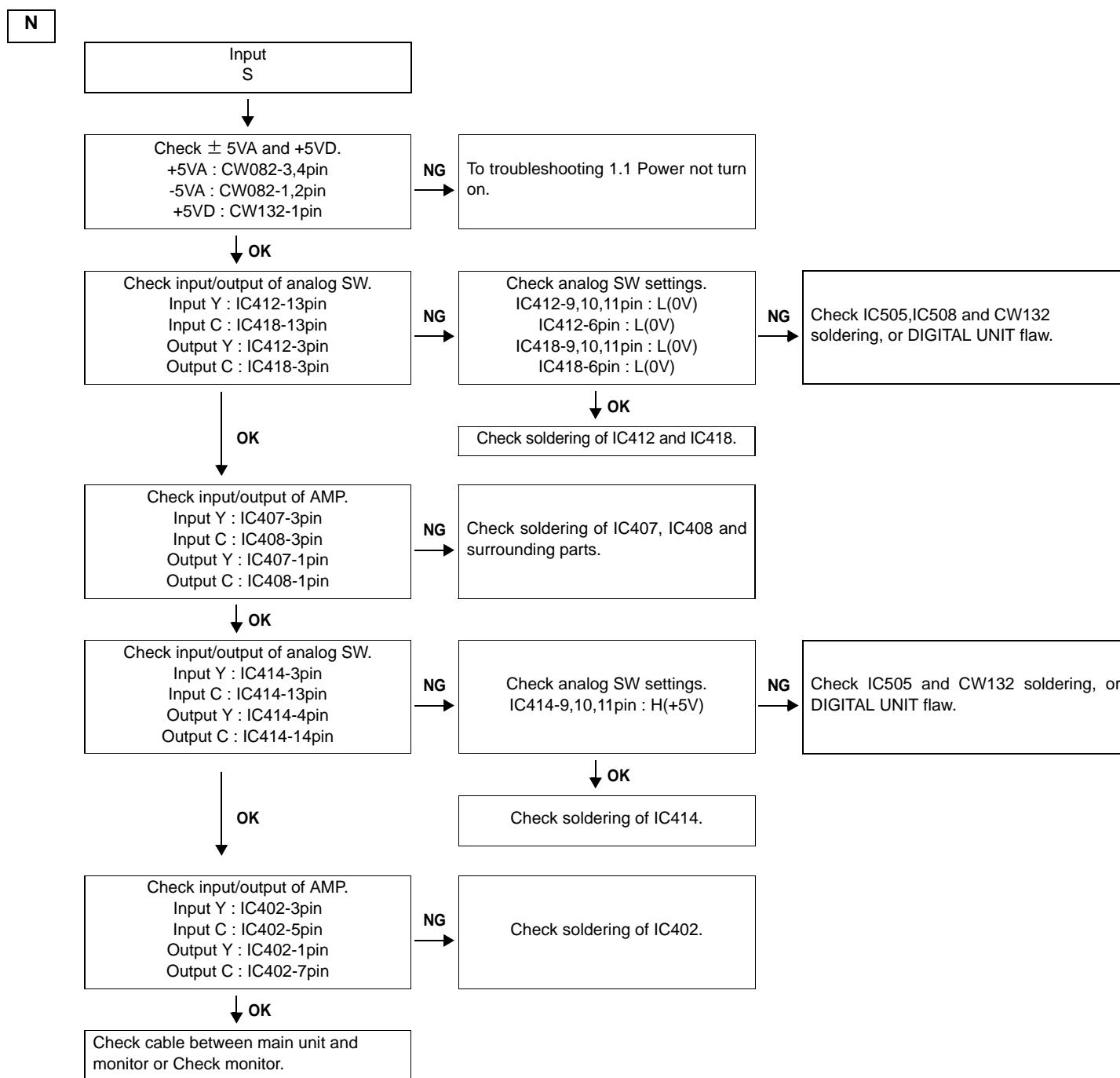




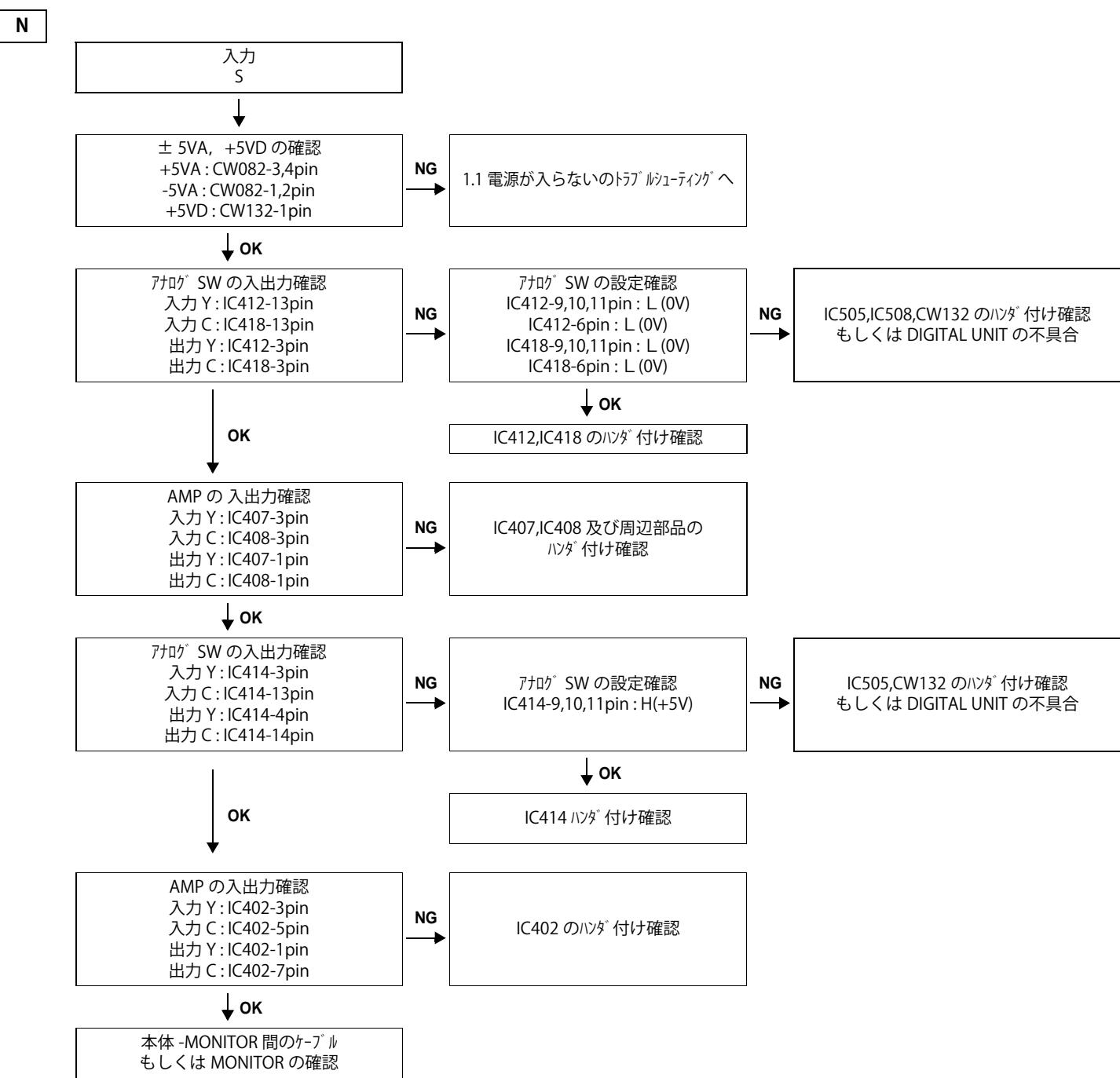
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

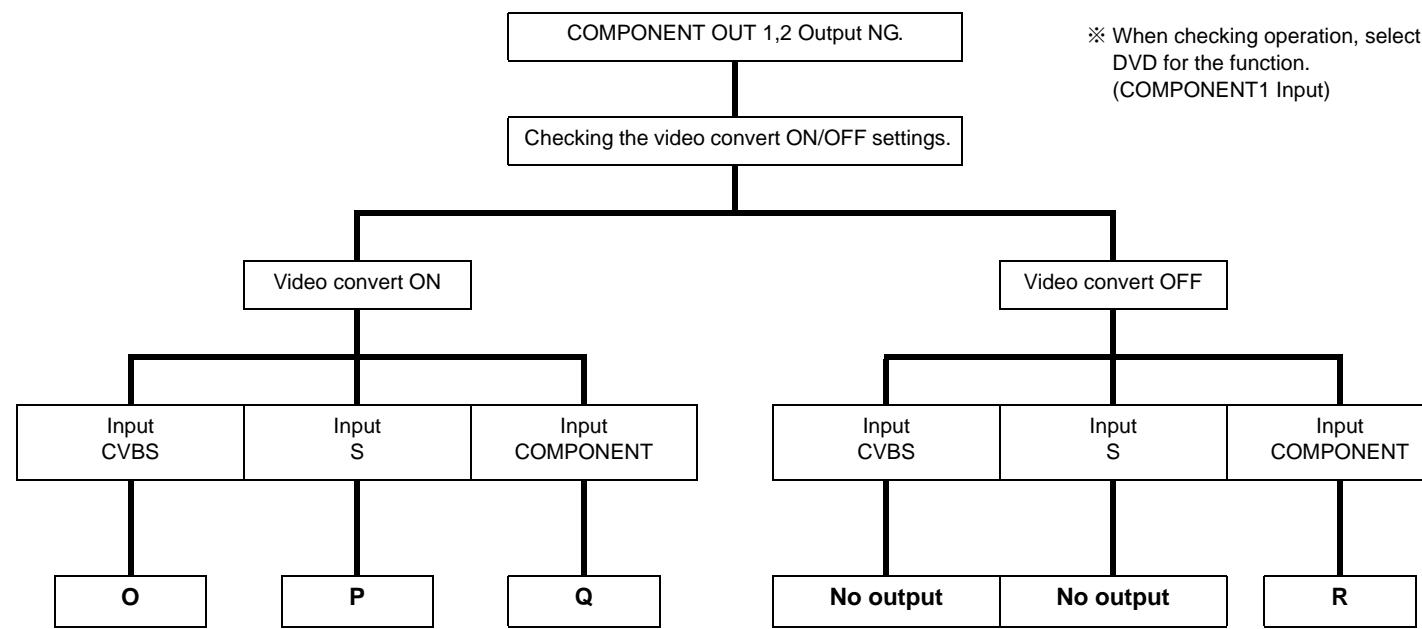


※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.

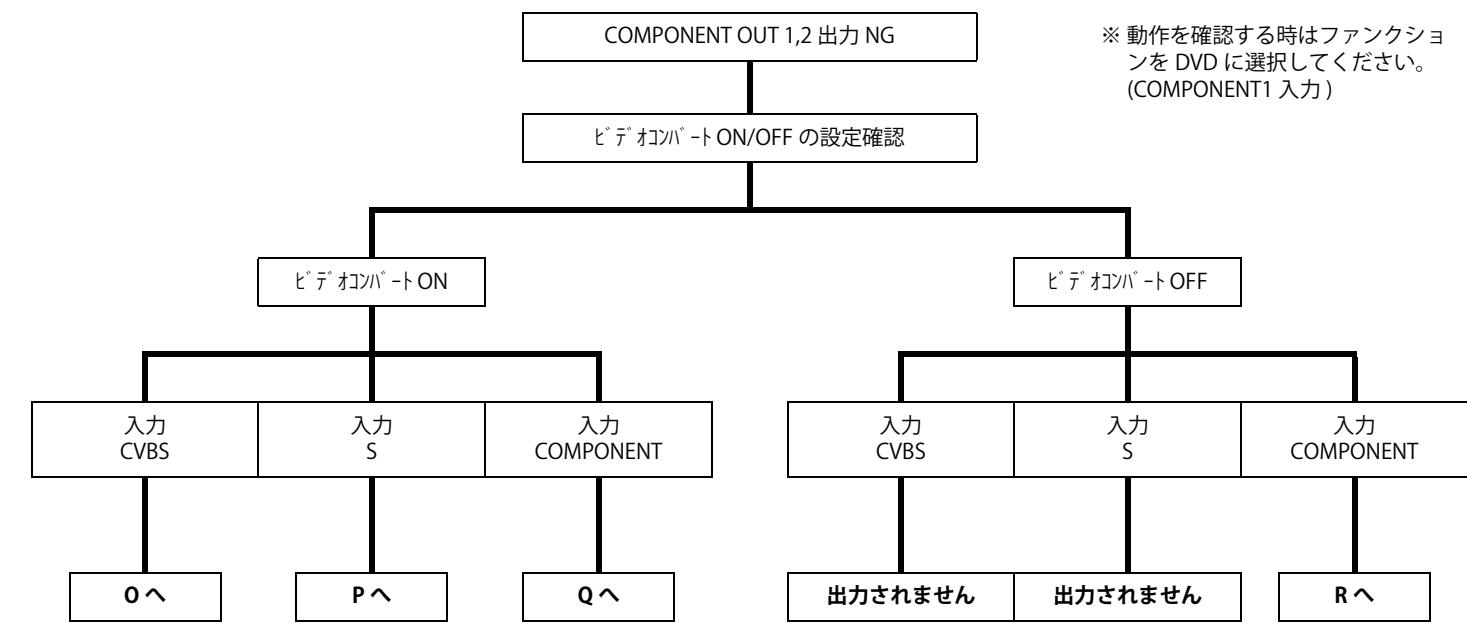


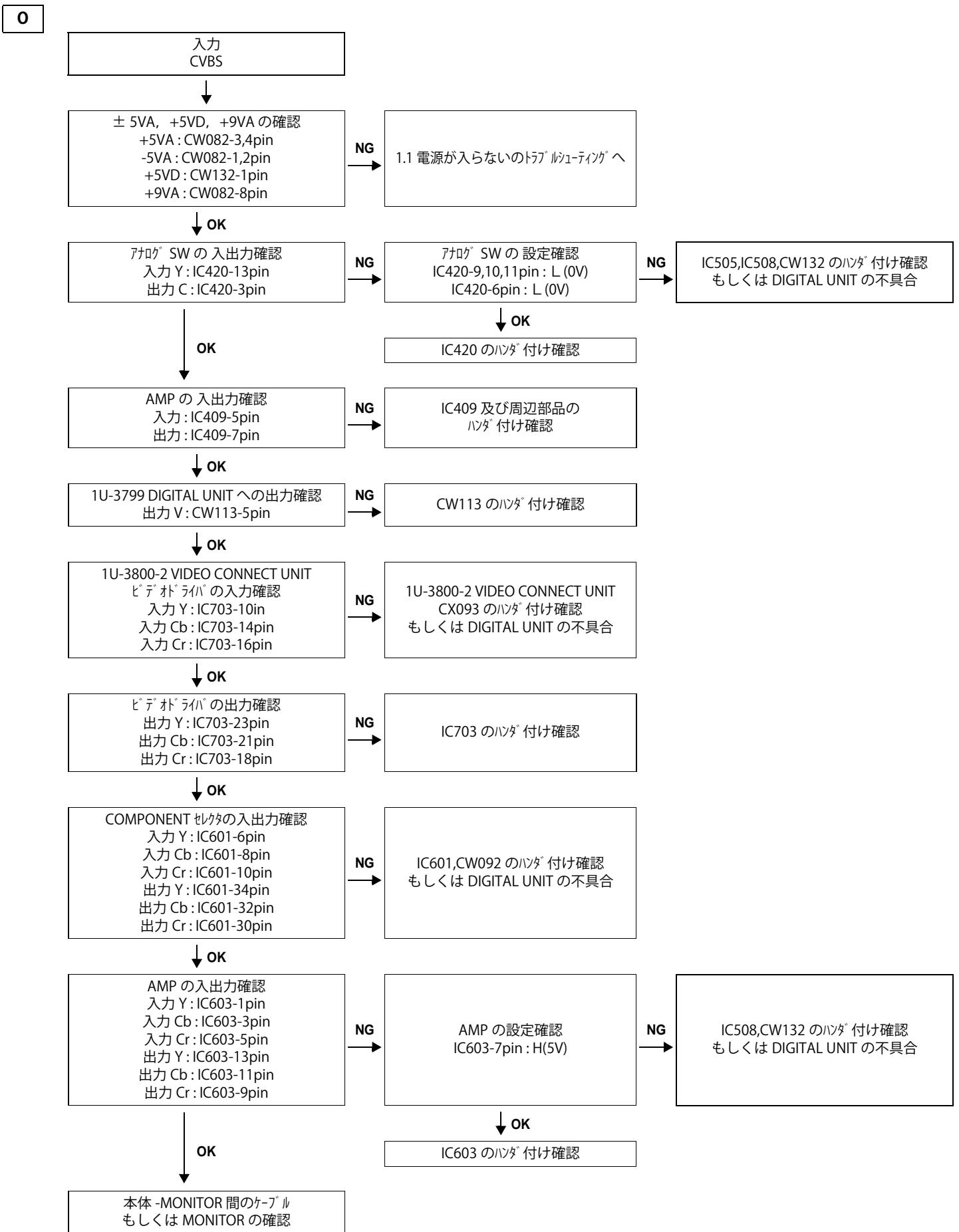
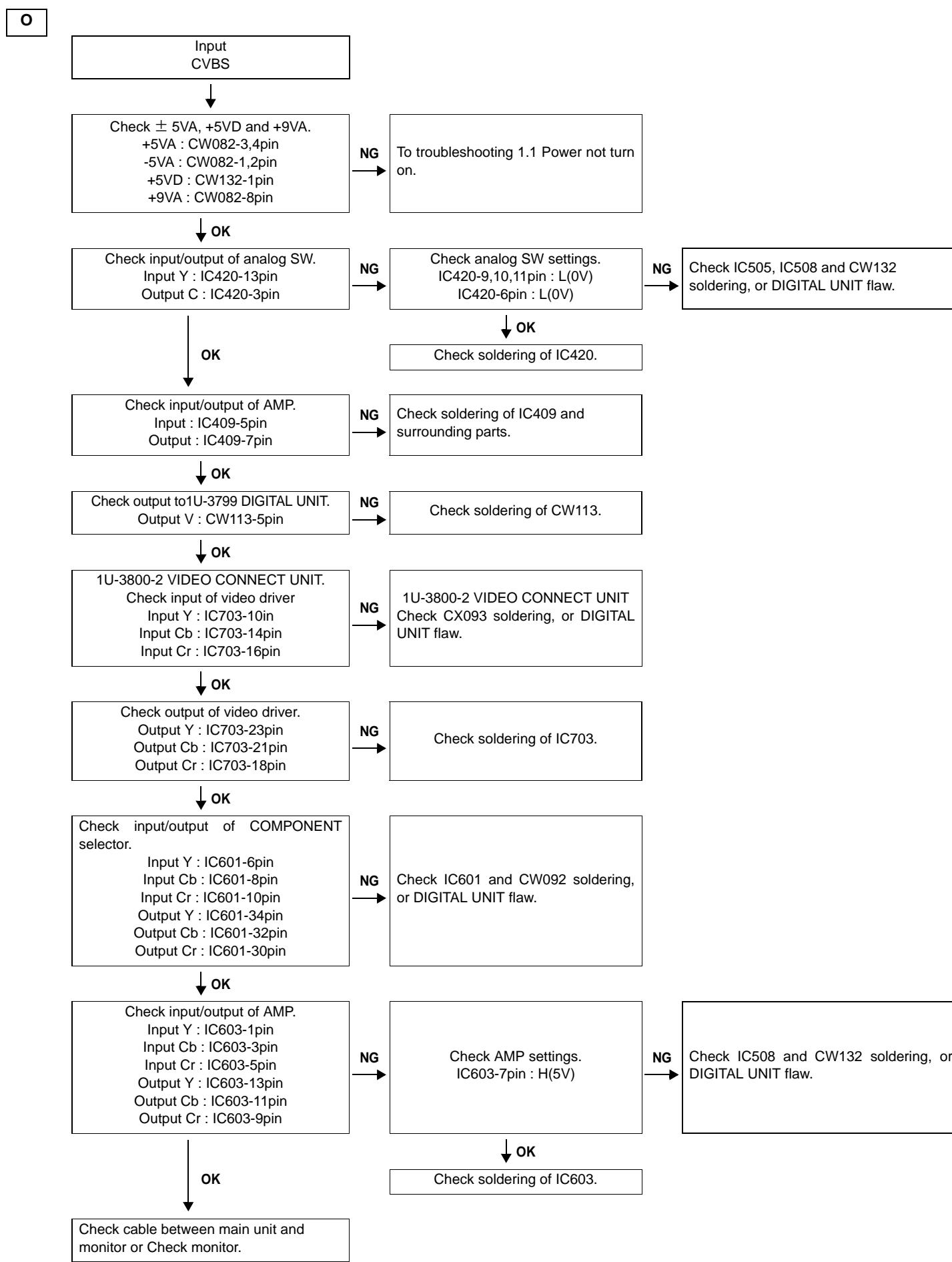
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

## 2.6. COMPONENT OUT 1,2 Output NG



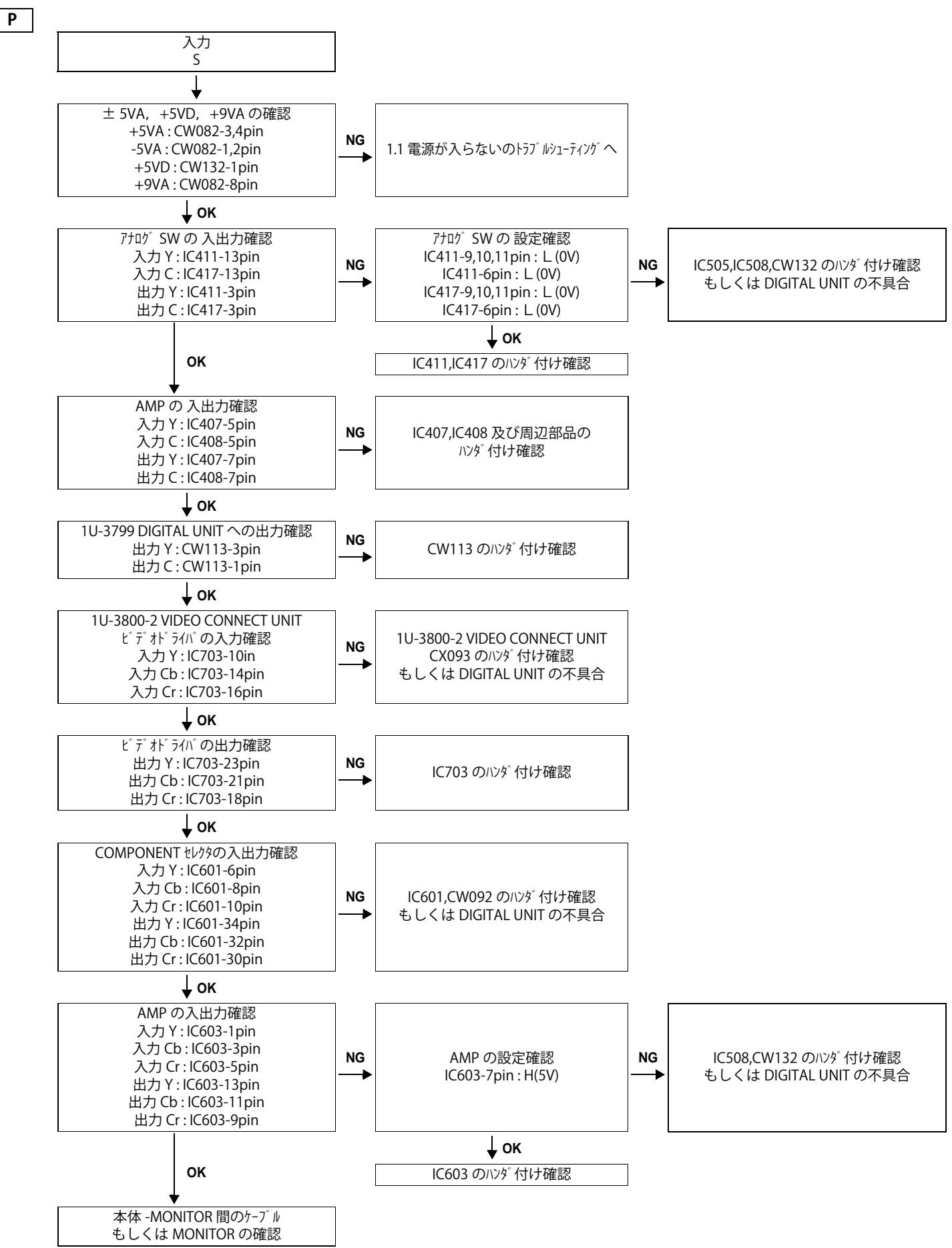
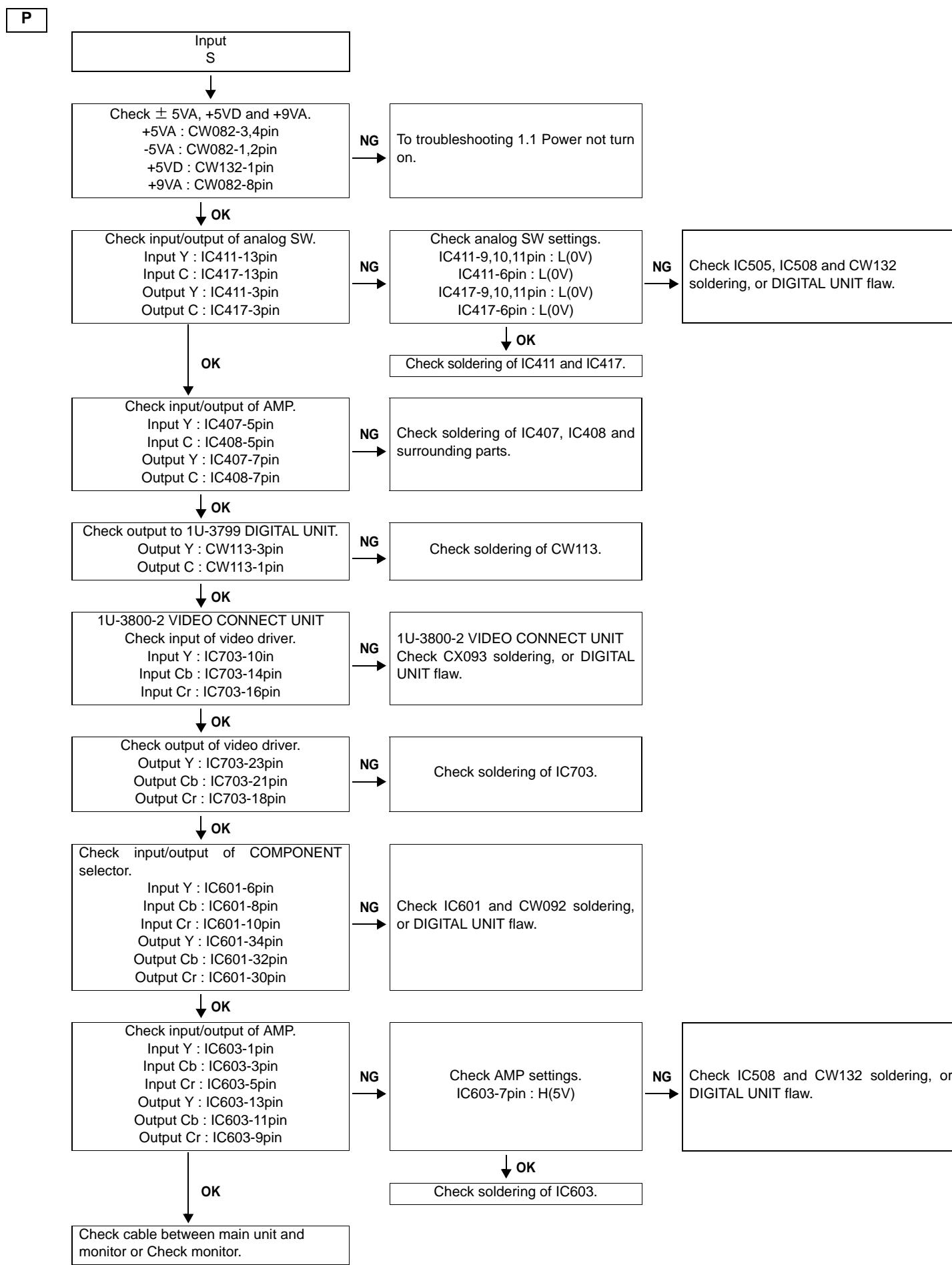
## 2.6. COMPONENT OUT 1,2 出力 NG





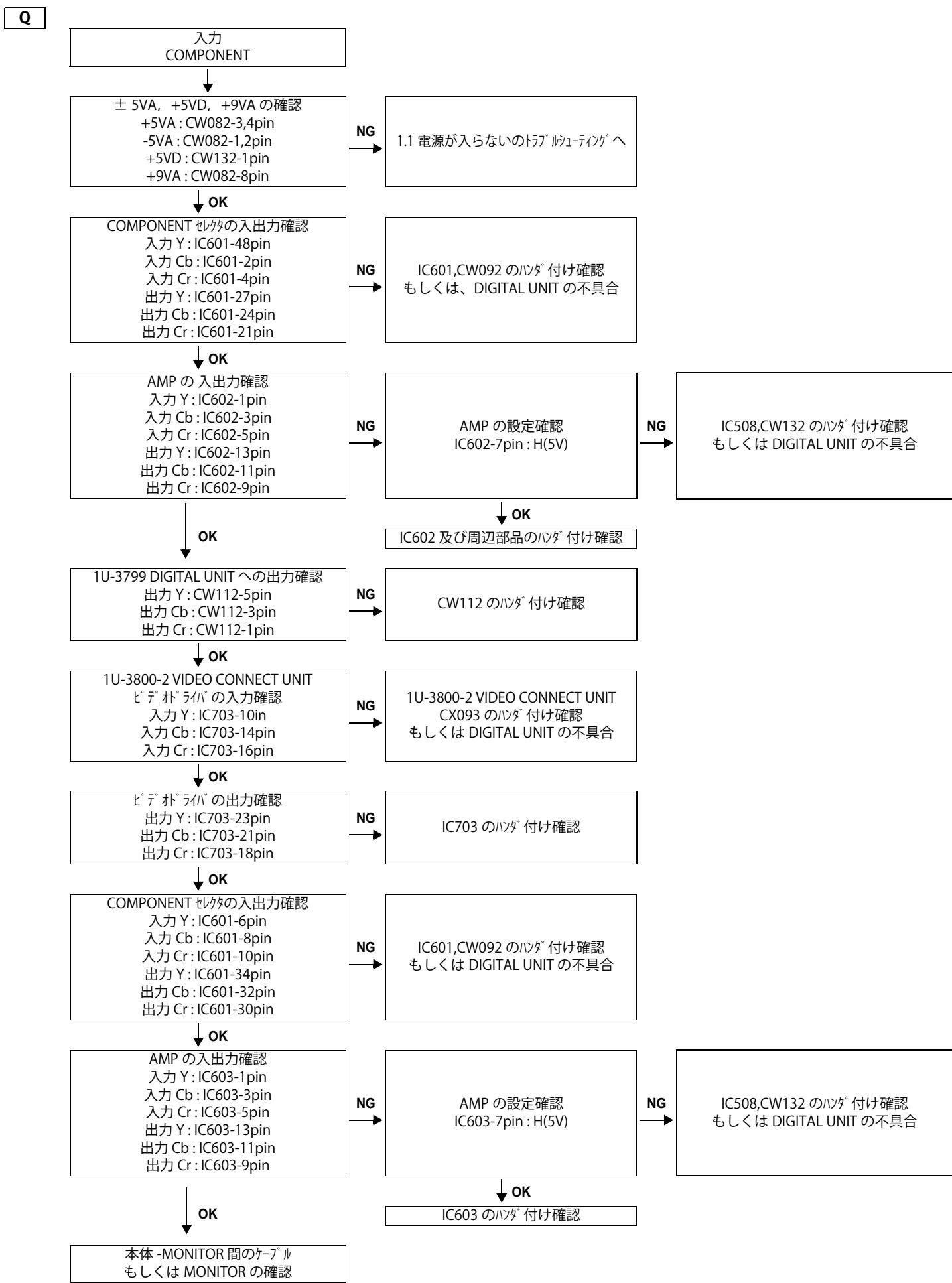
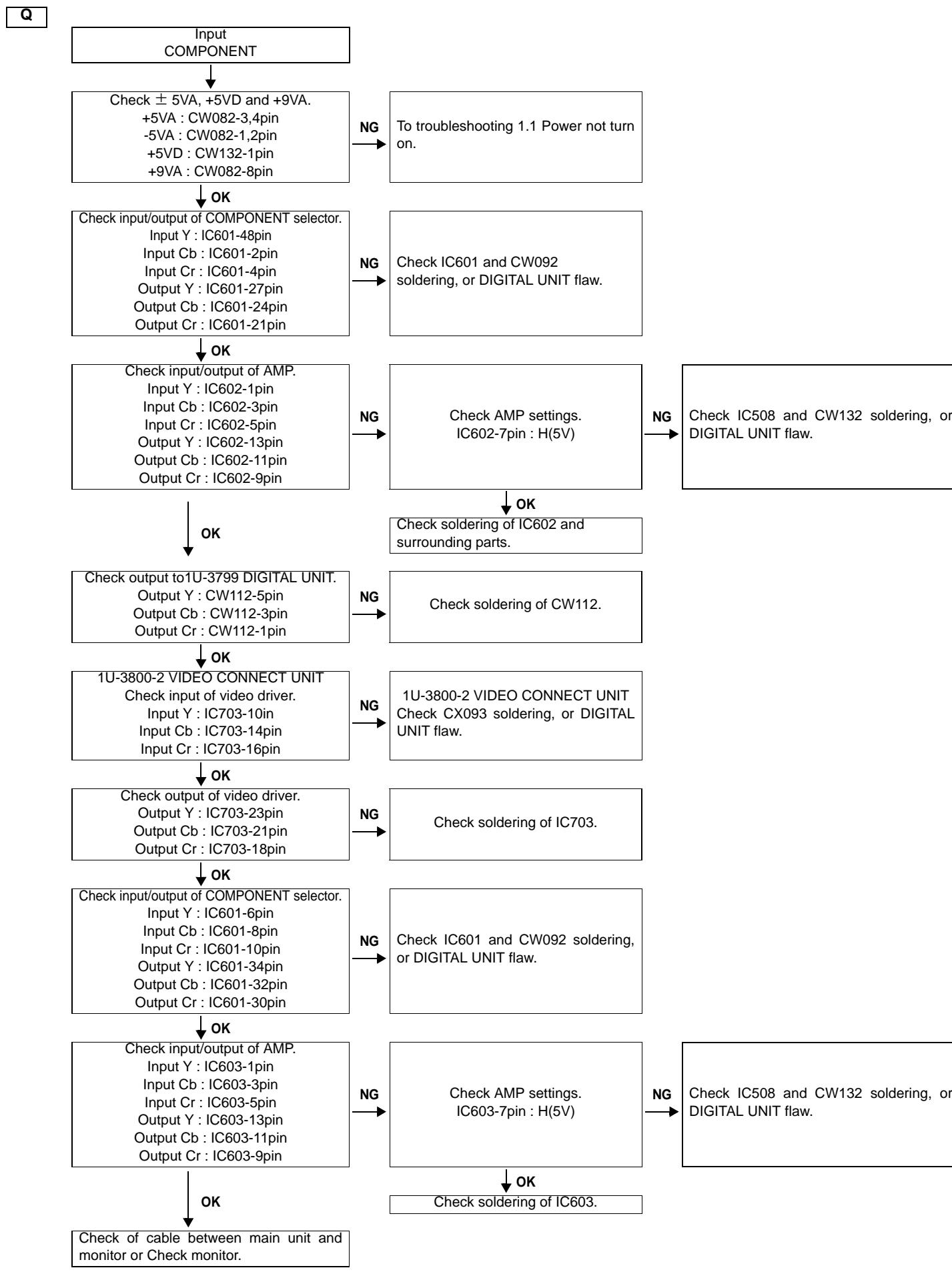
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

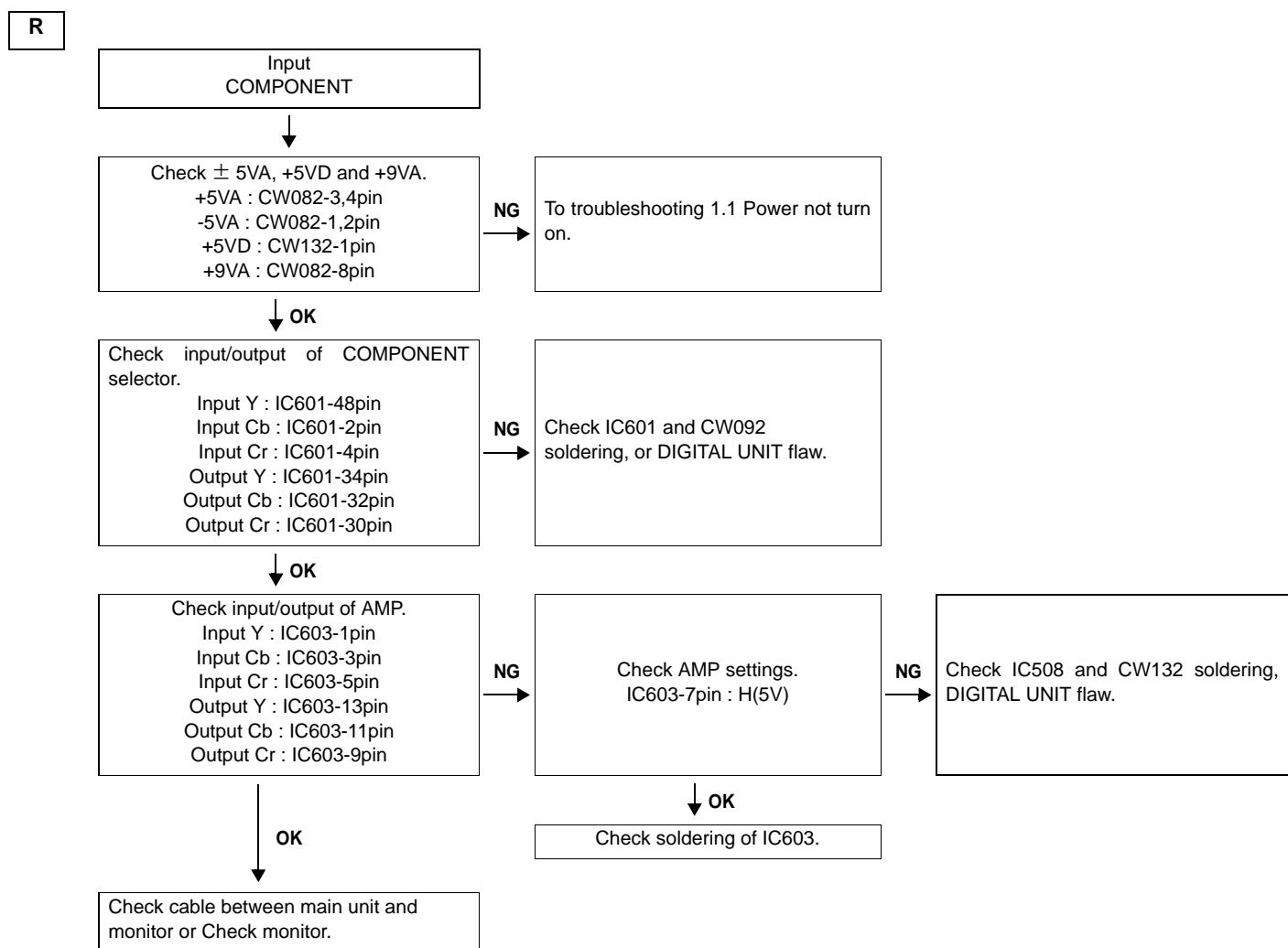
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



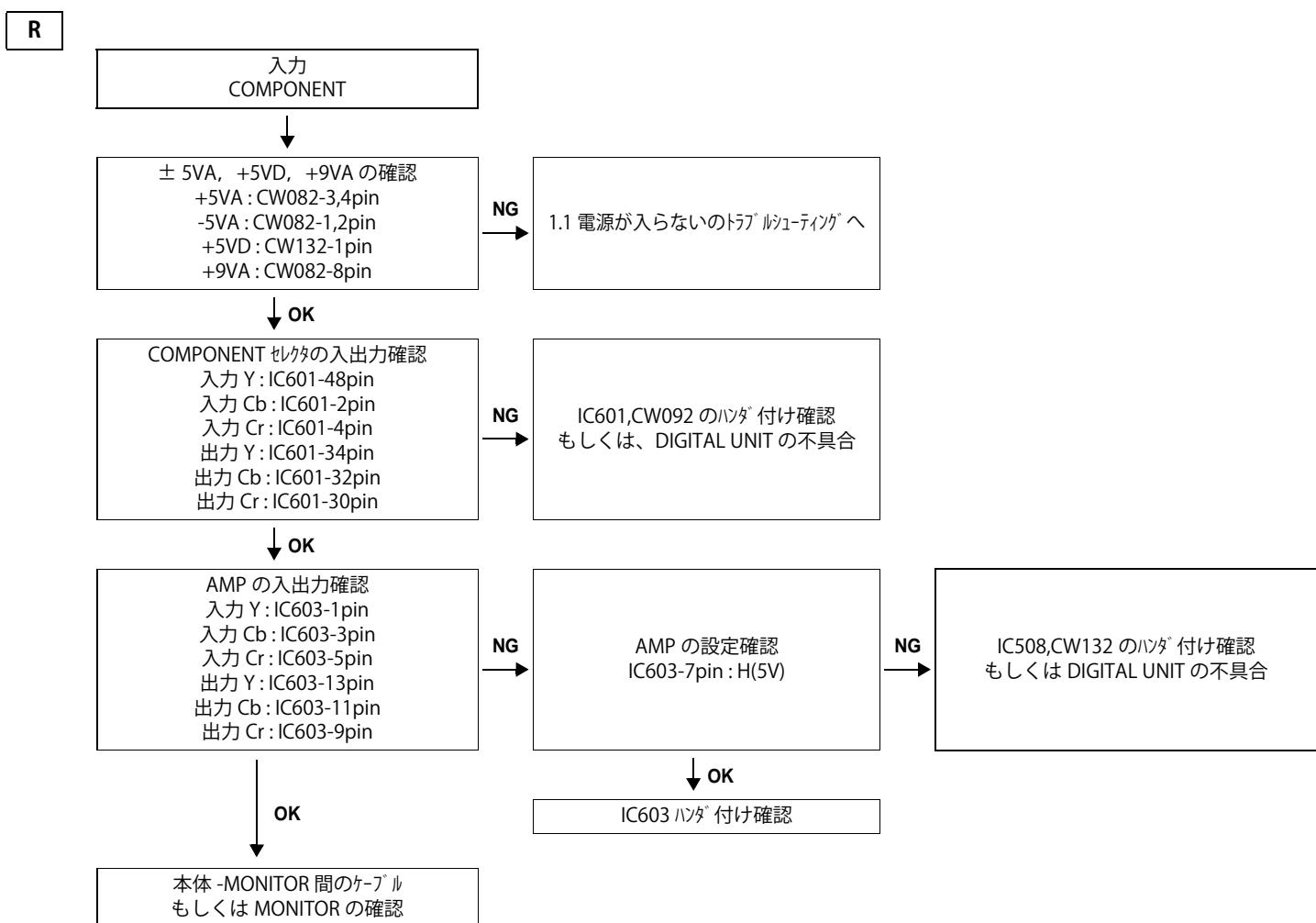
\* 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

\* Unless specified, 1U-3800-1 A.VIDEO UNIT part.



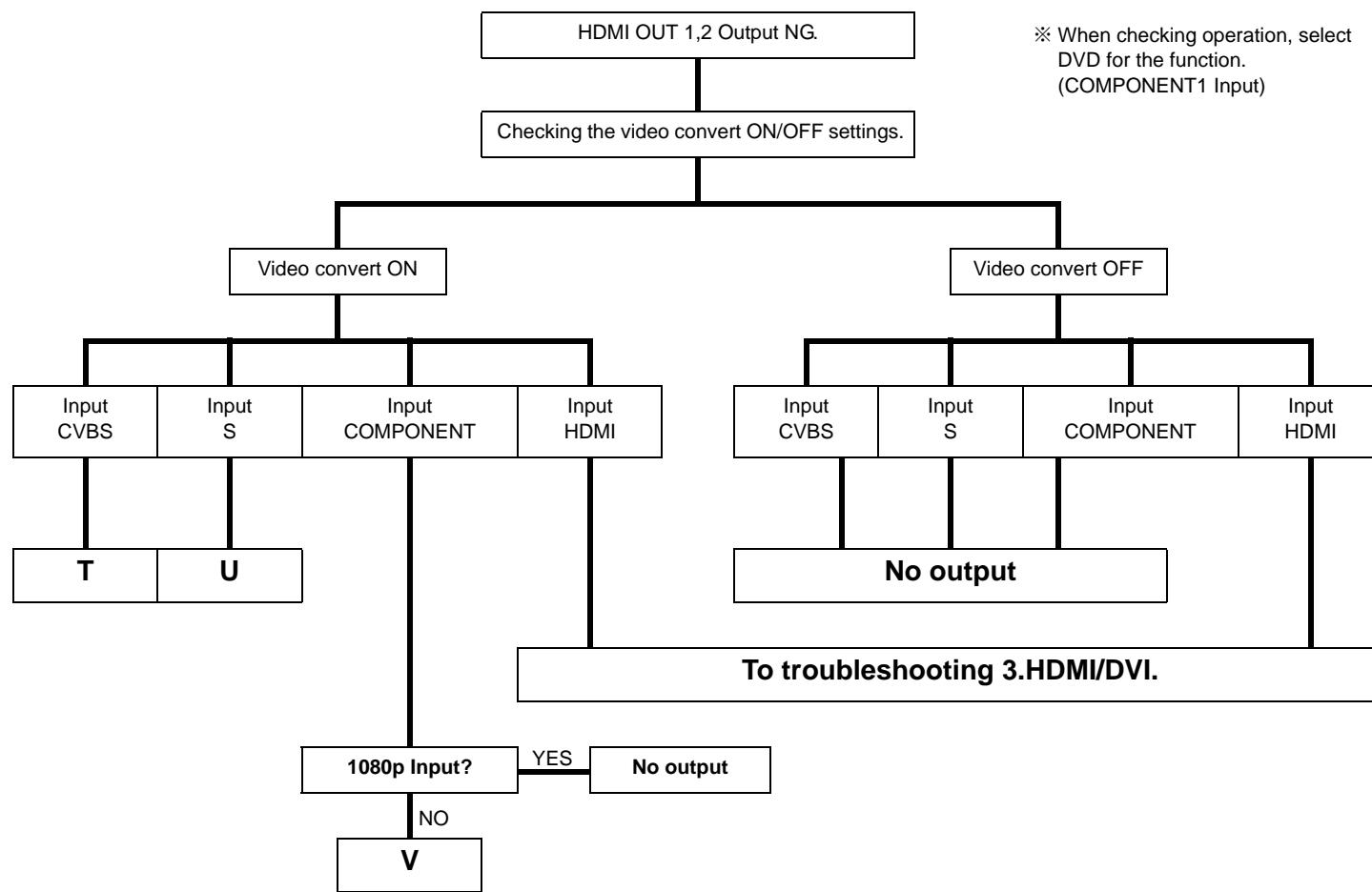


※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.

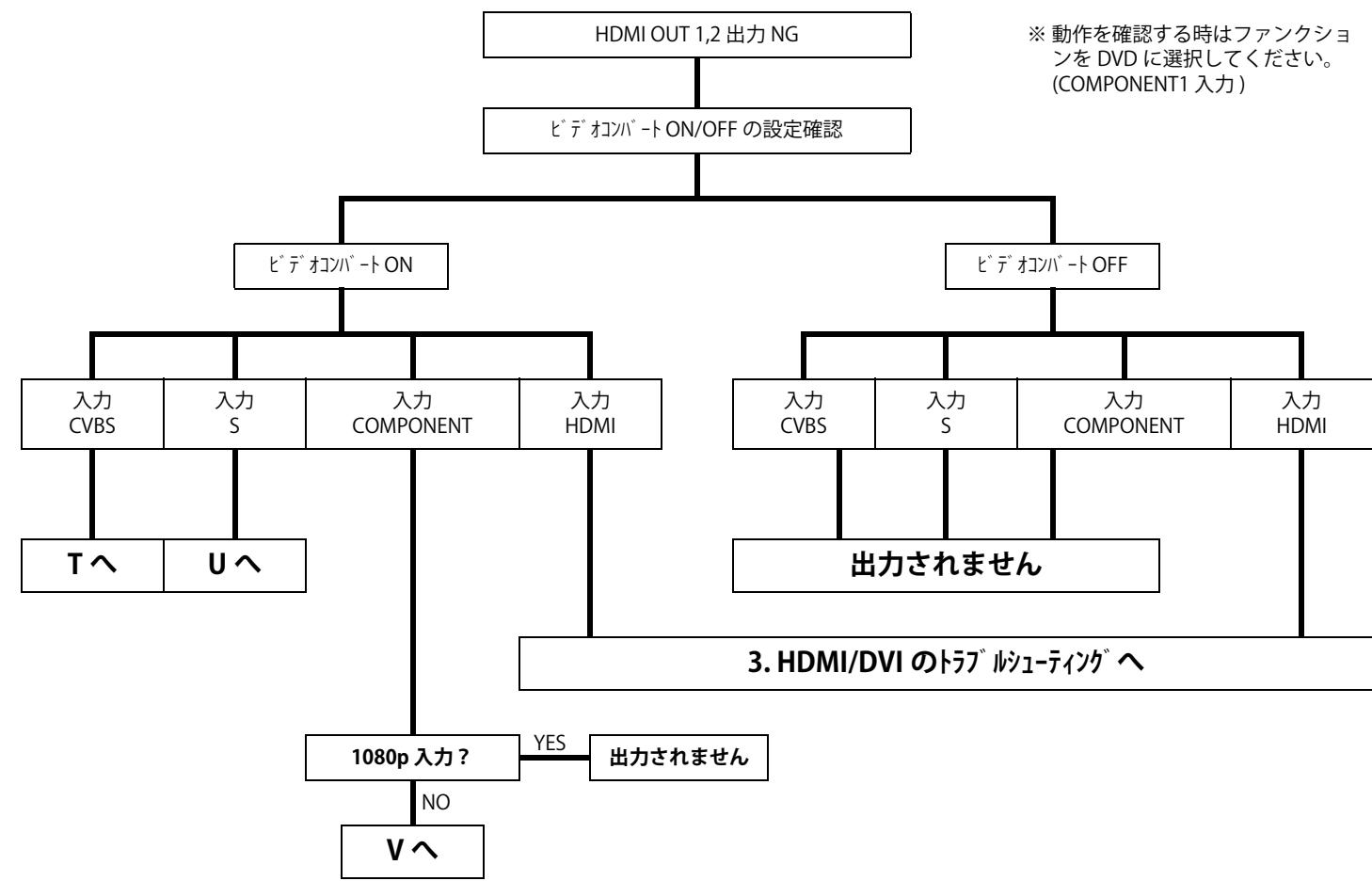


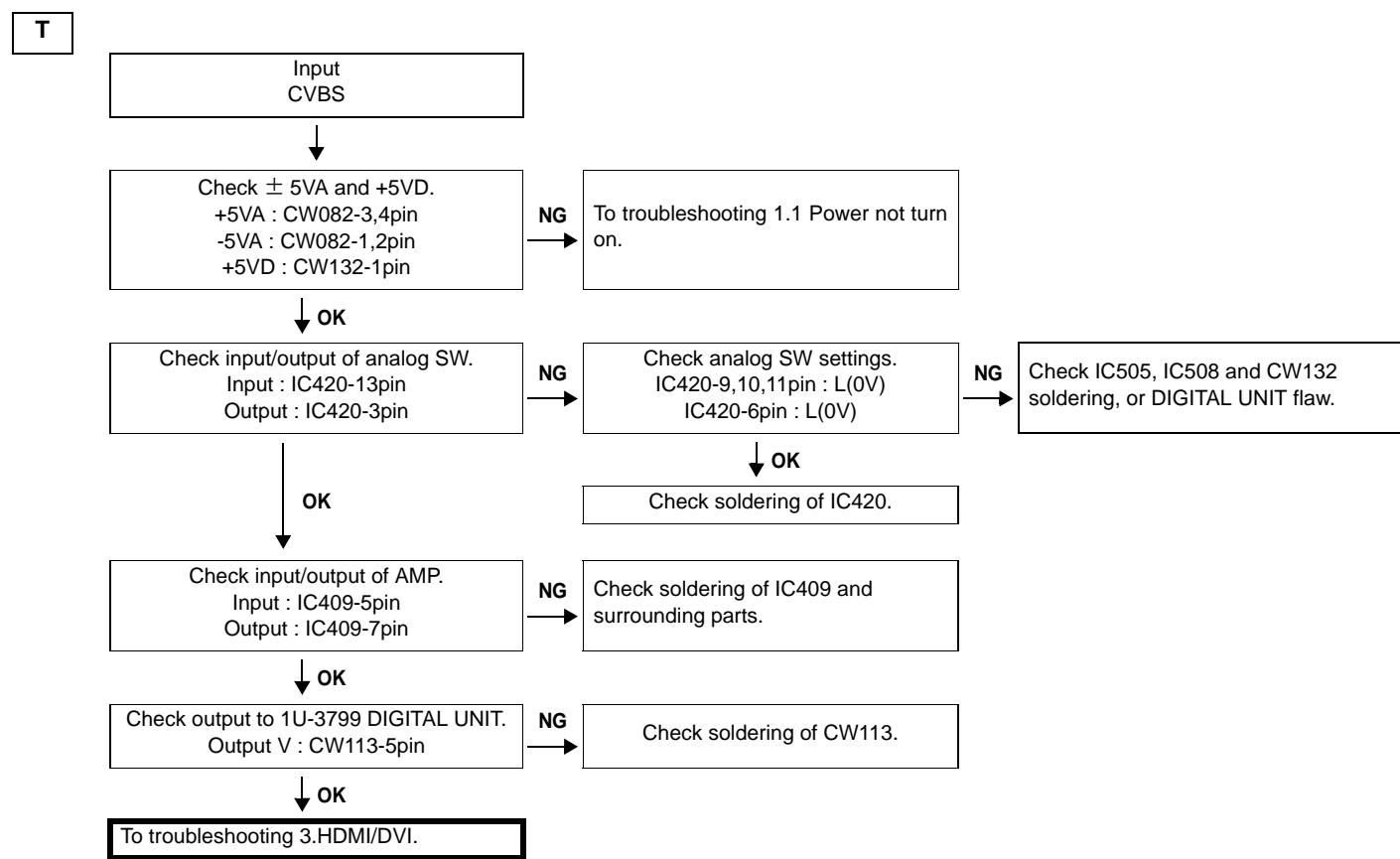
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

## 2.7. HDMI OUT 1,2 Output NG

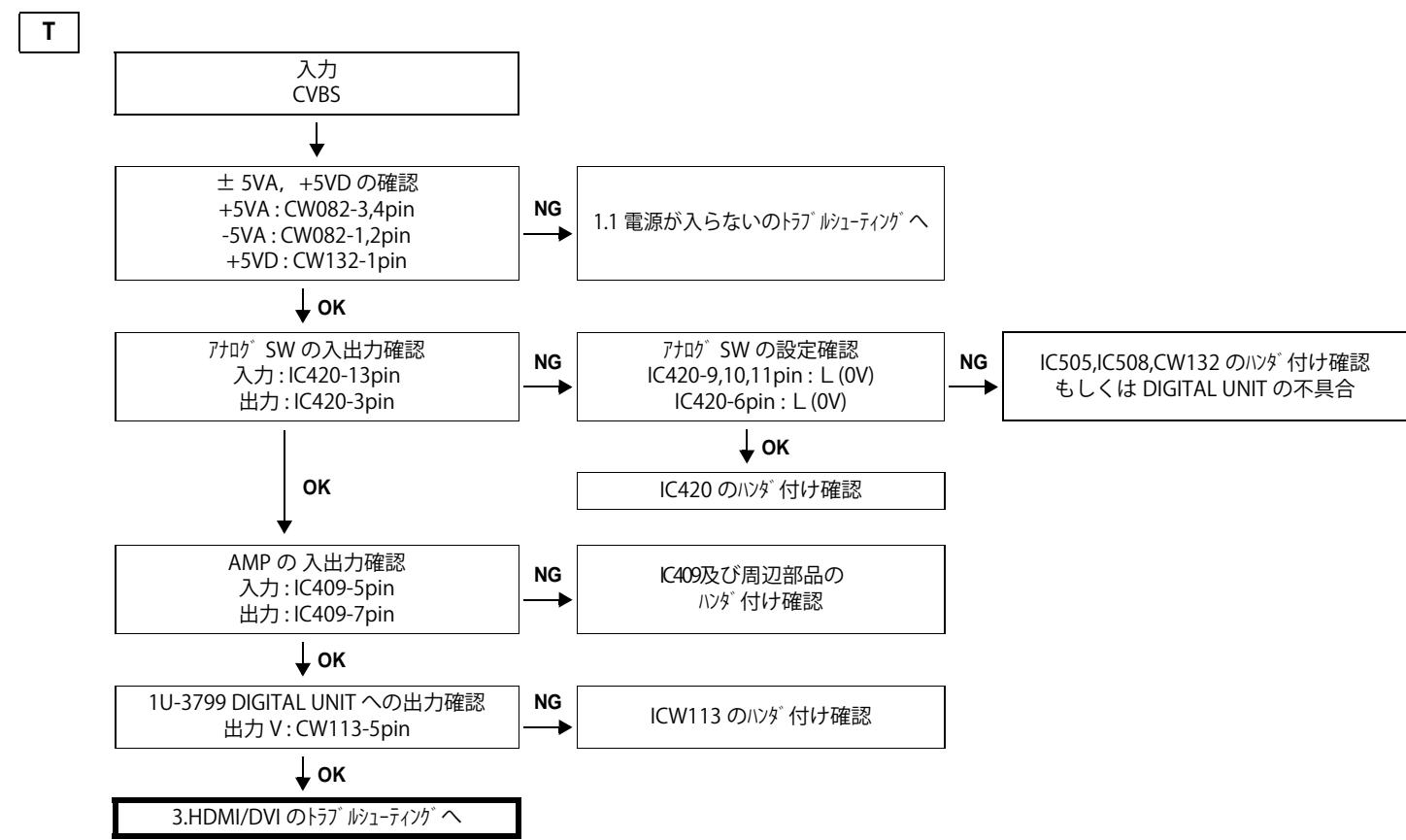


## 2.7. HDMI OUT 1,2 出力 NG

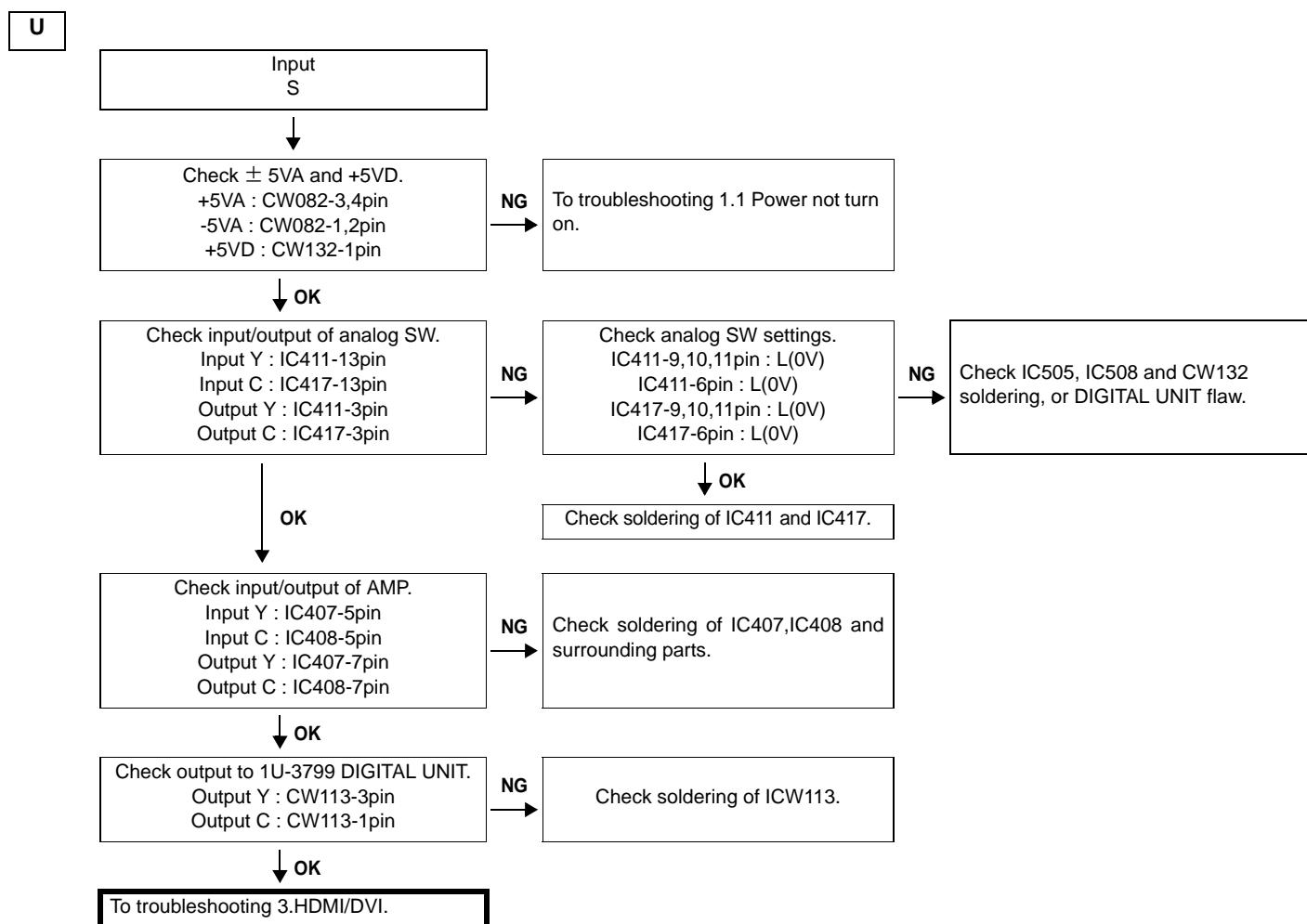




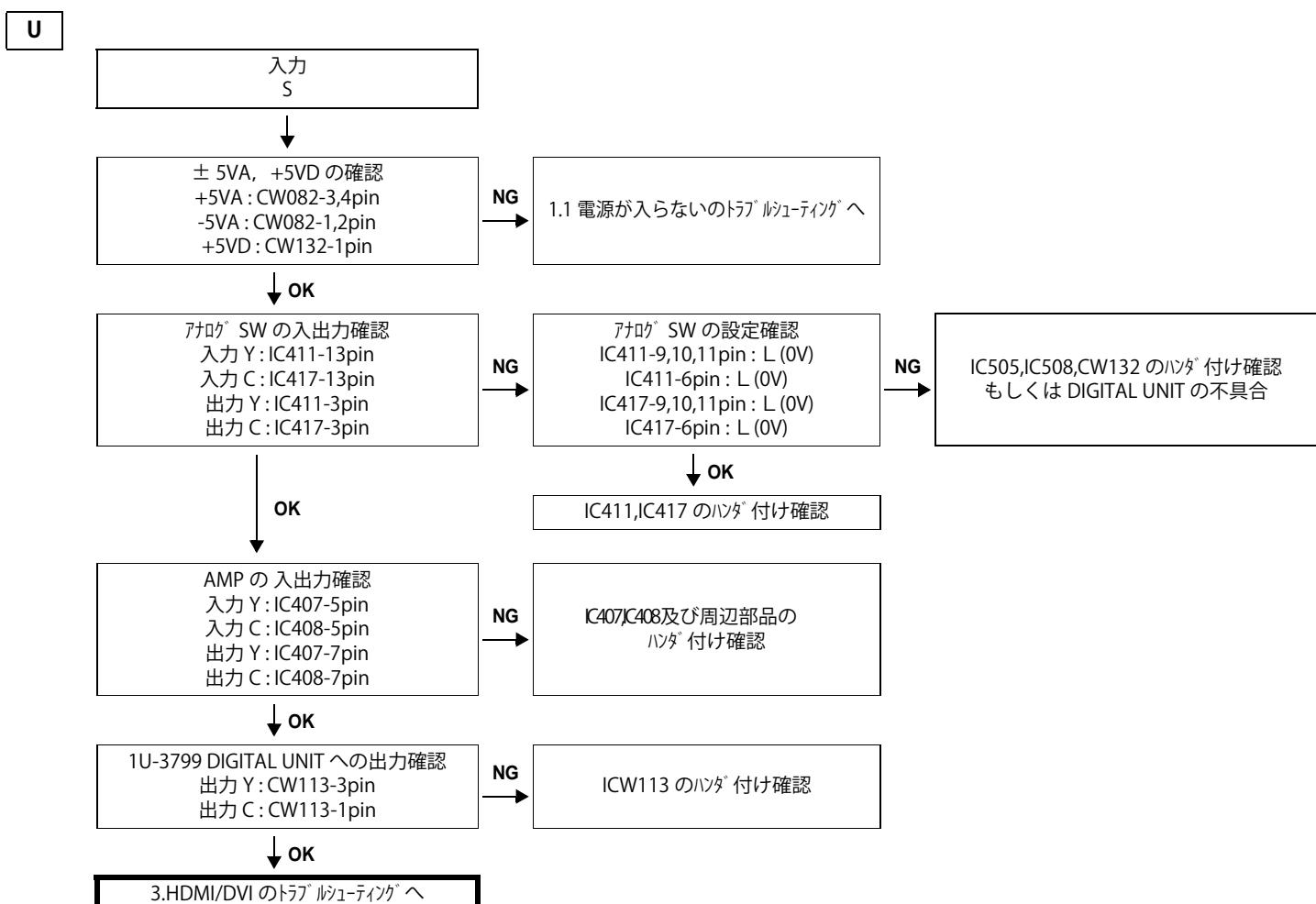
※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



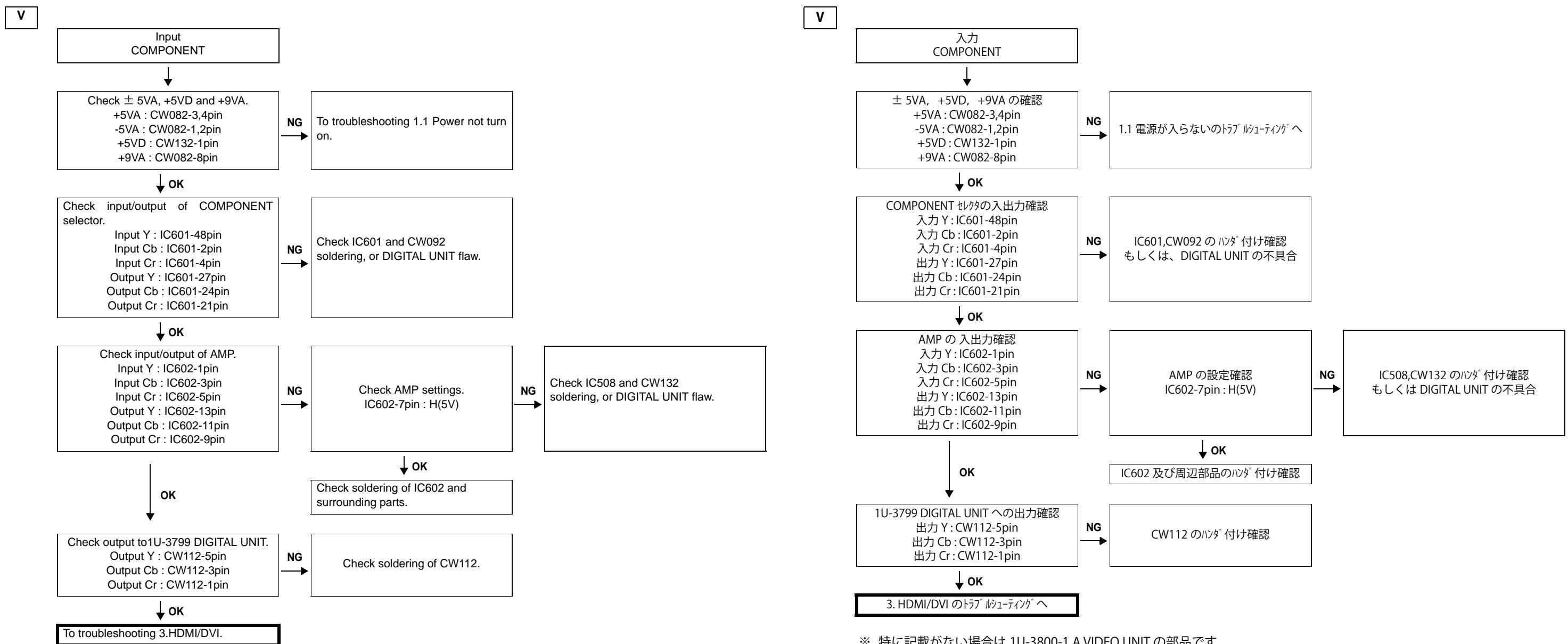
※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。



※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.



※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

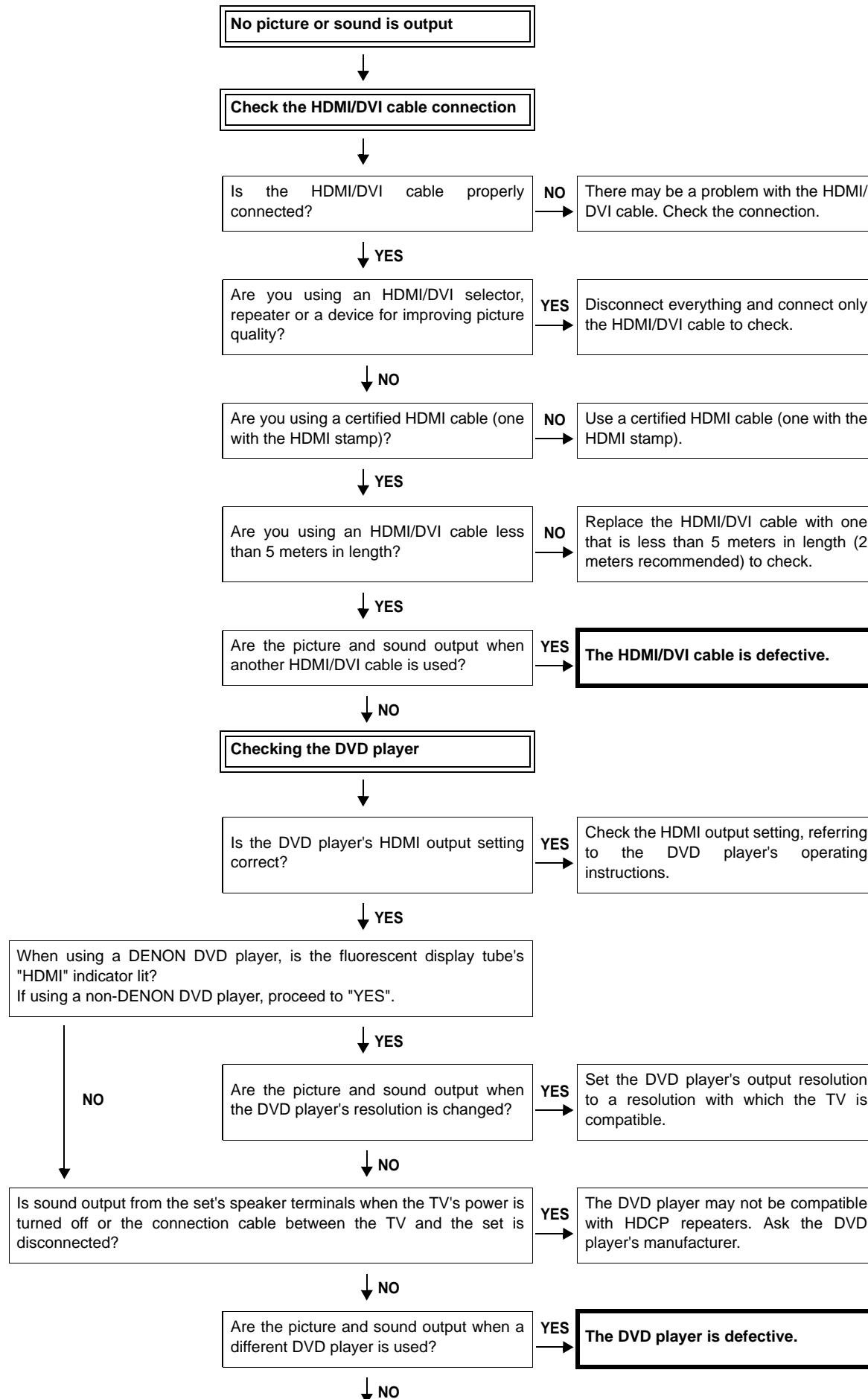


※ 特に記載がない場合は 1U-3800-1 A.VIDEO UNIT の部品です。

※ Unless specified, 1U-3800-1 A.VIDEO UNIT part.

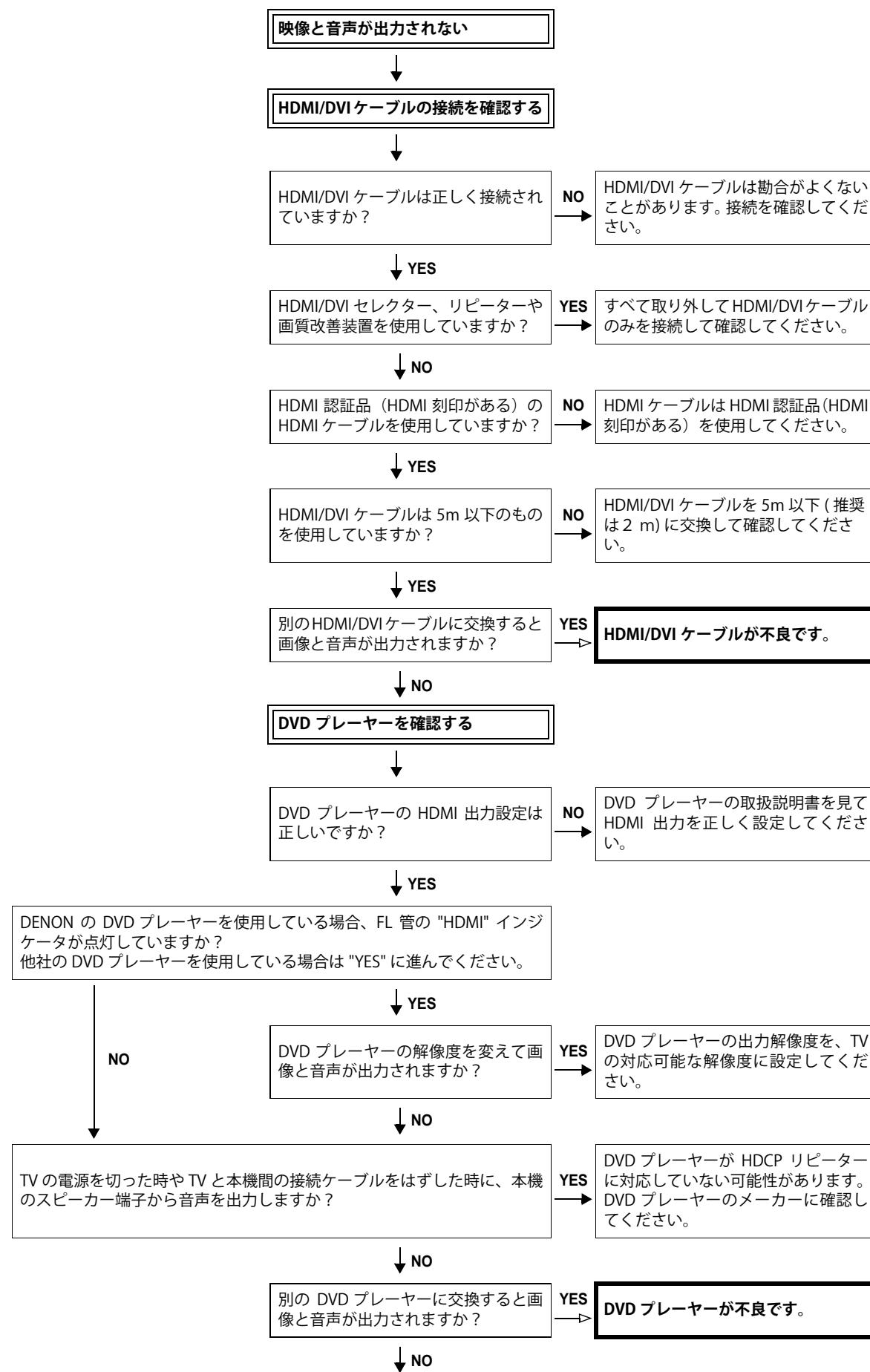
### 3. HDMI/DVI

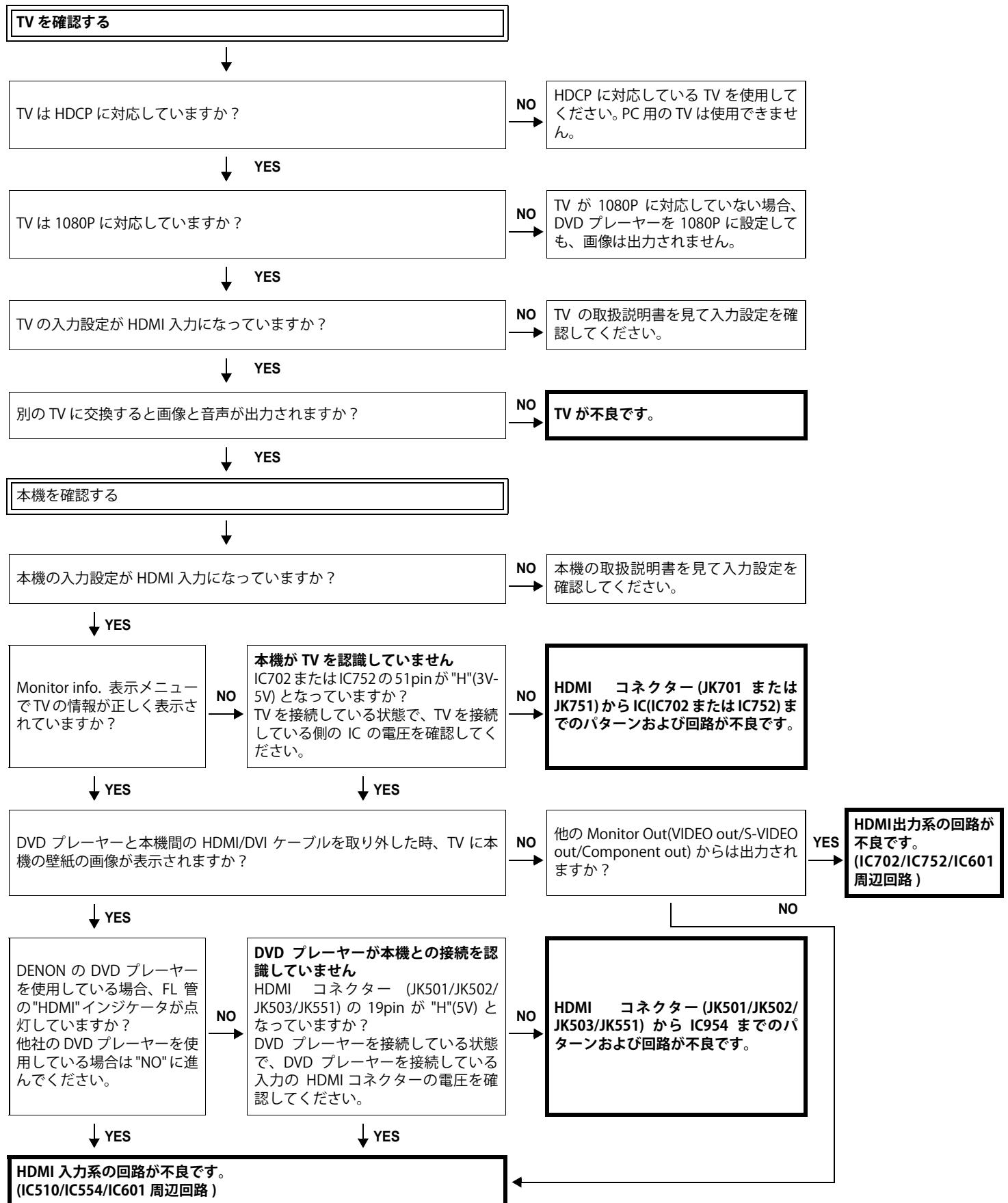
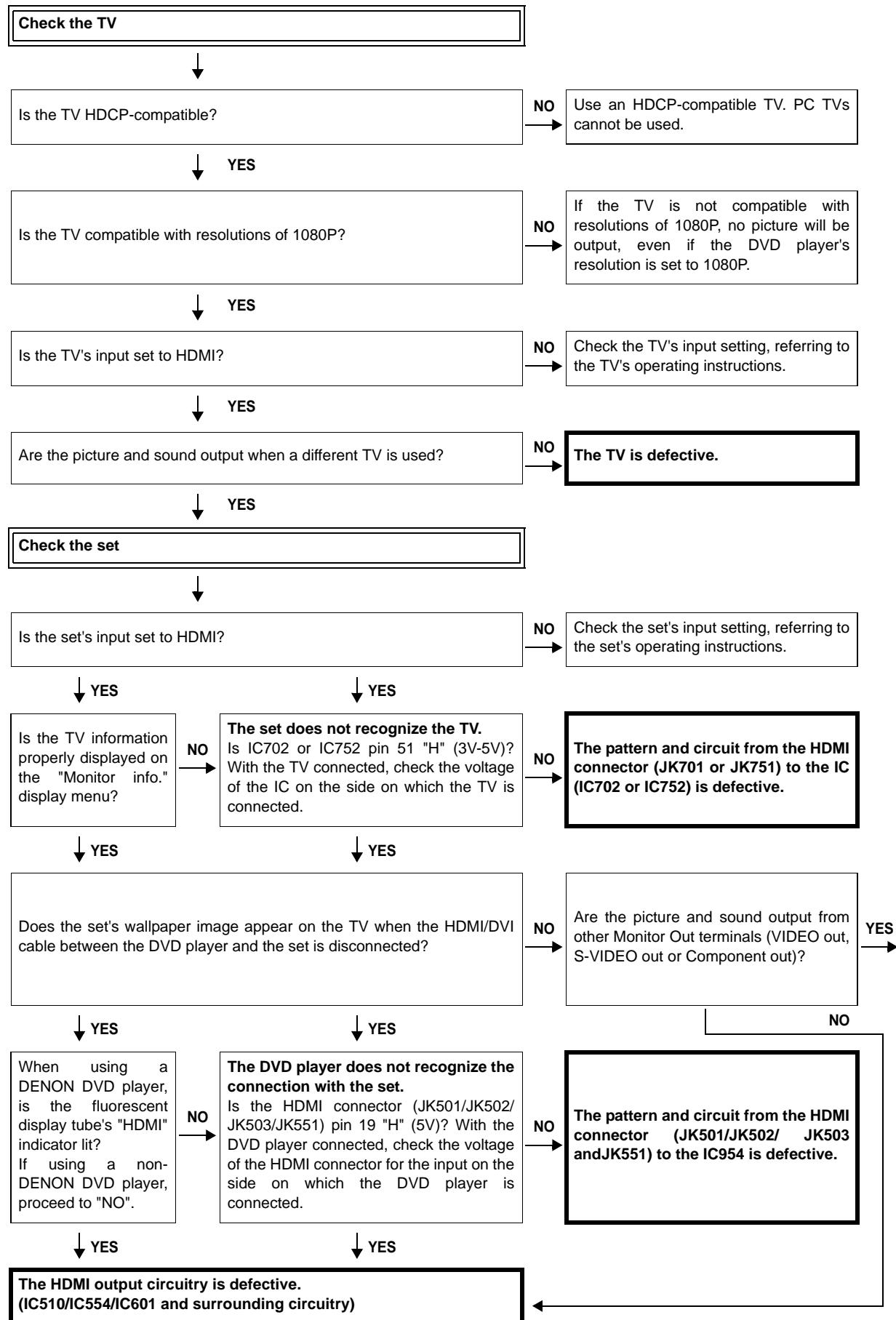
#### 3.1. No picture or sound is output



### 3. HDMI/DVI

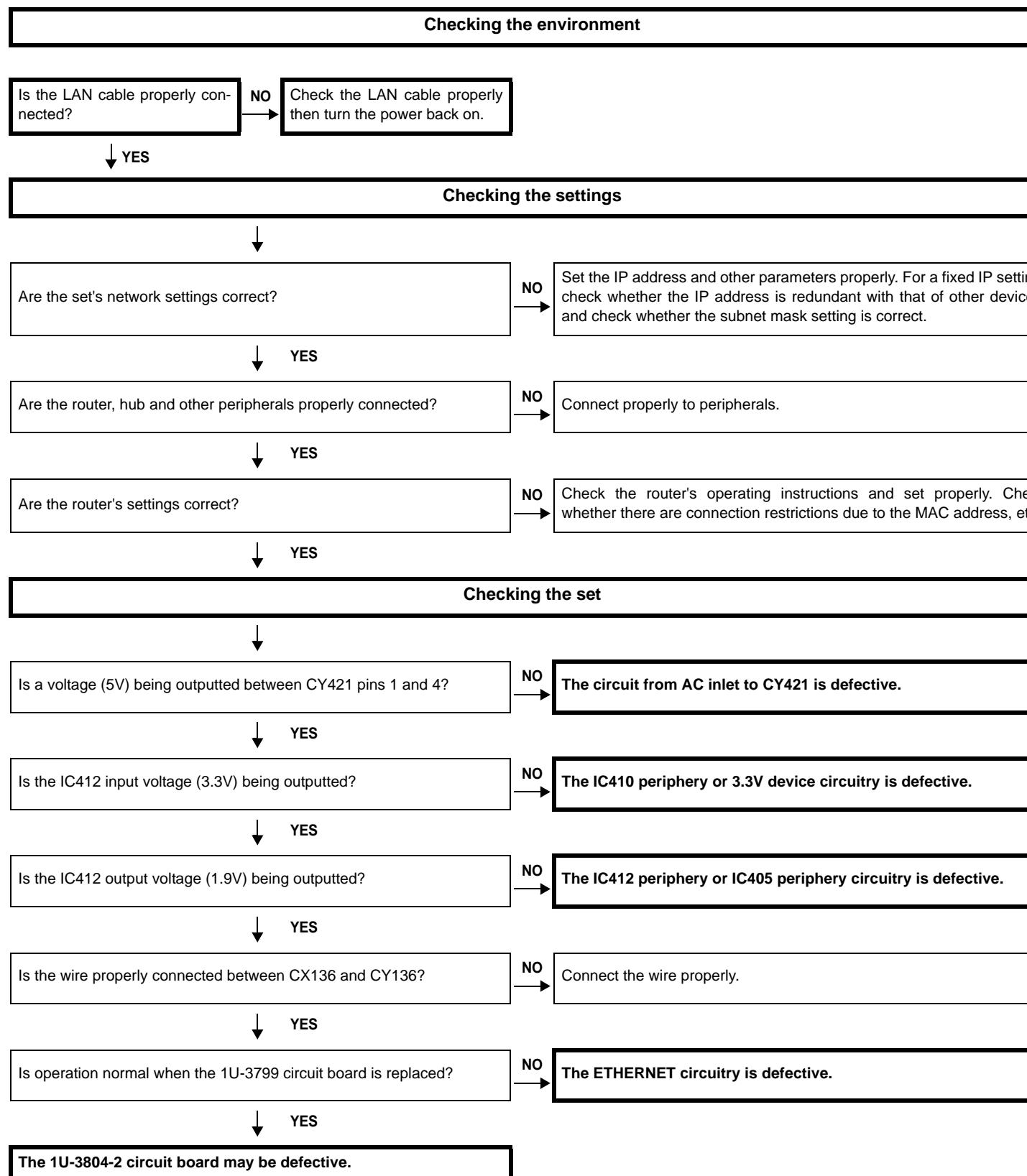
#### 3.1. 映像と音声が出力されない





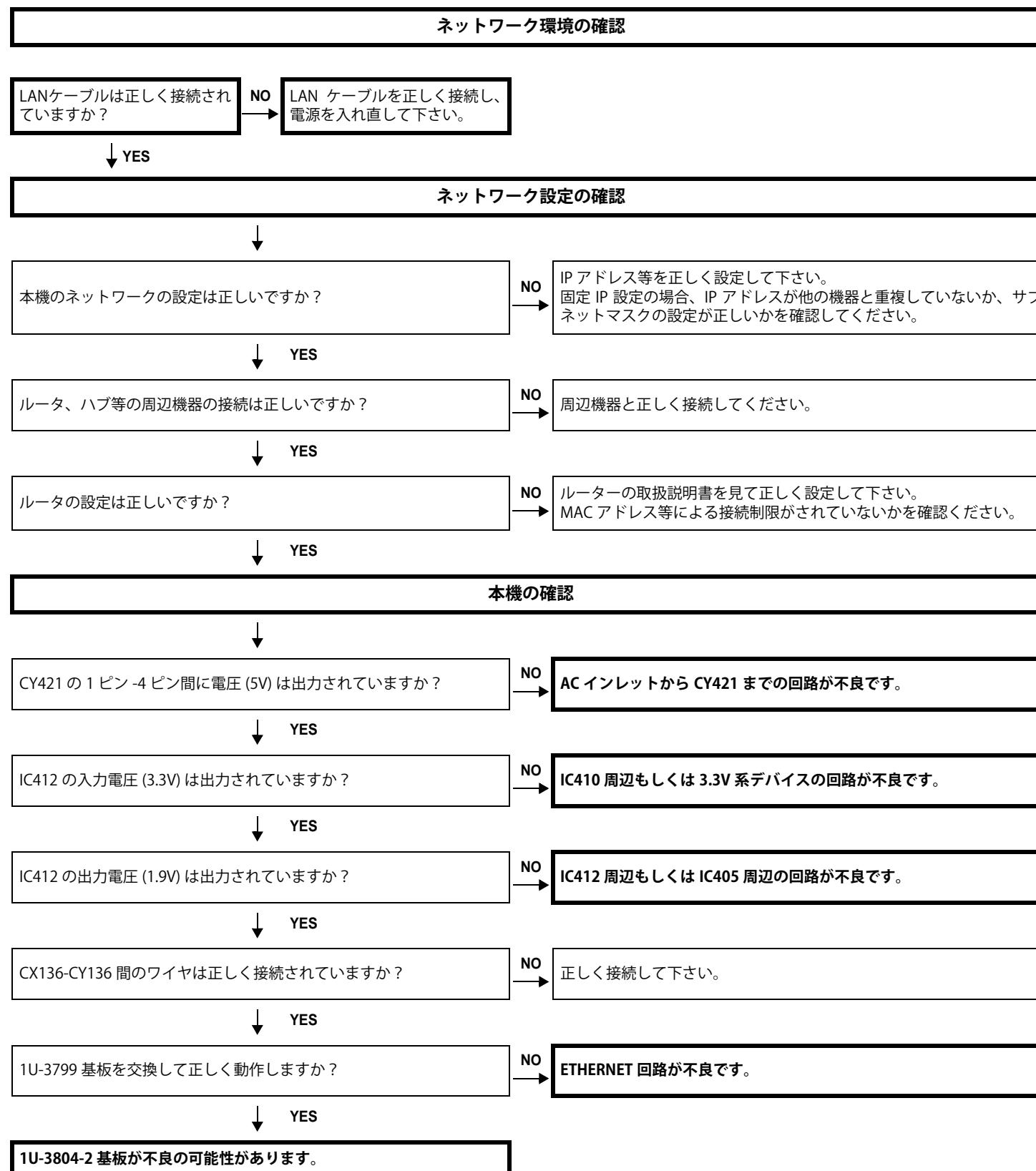
## 4. Network/USB

### 4.1. Cannot connect to network

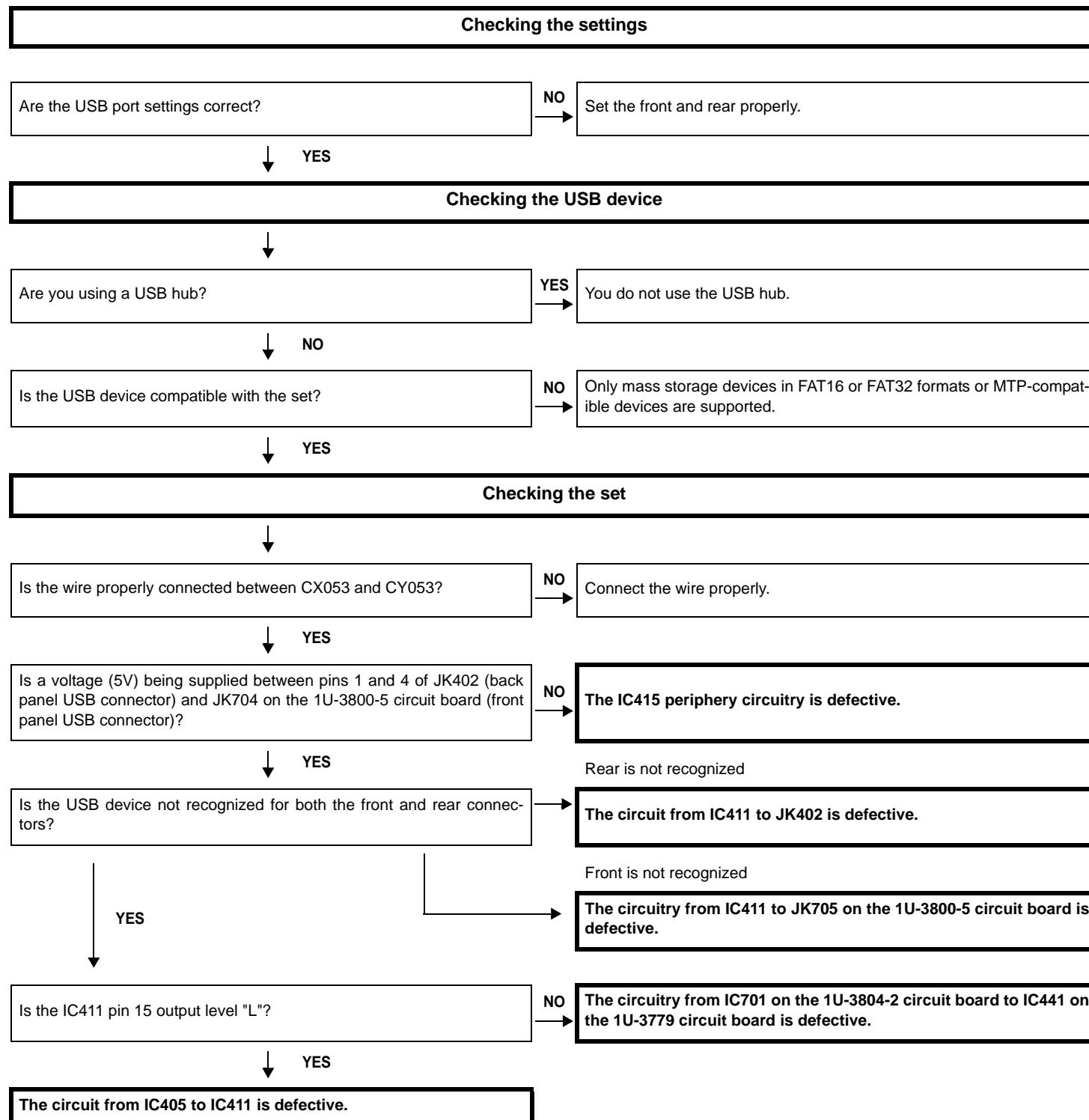


## 4. Network/USB

### 4.1. ネットワークに接続できない

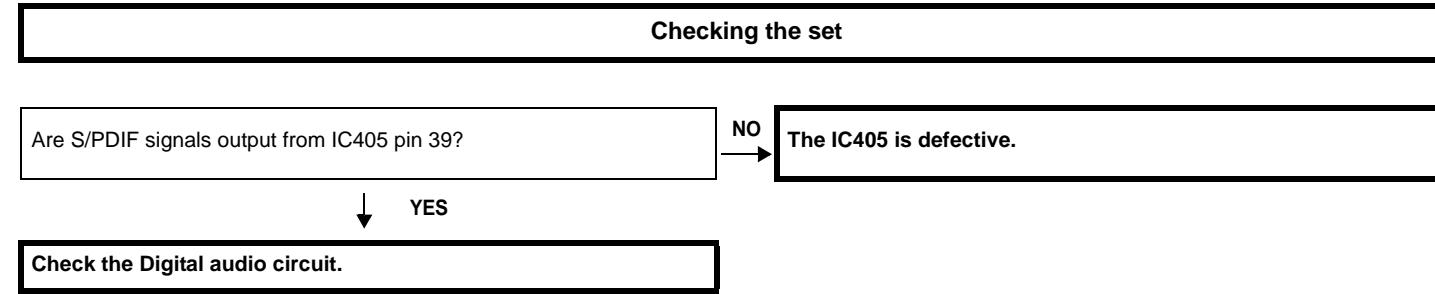
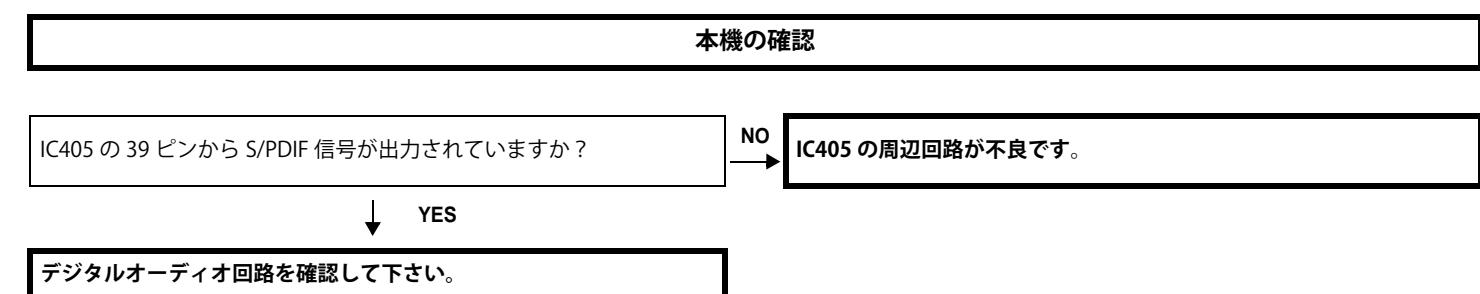


#### 4.2. USB device is not recognized



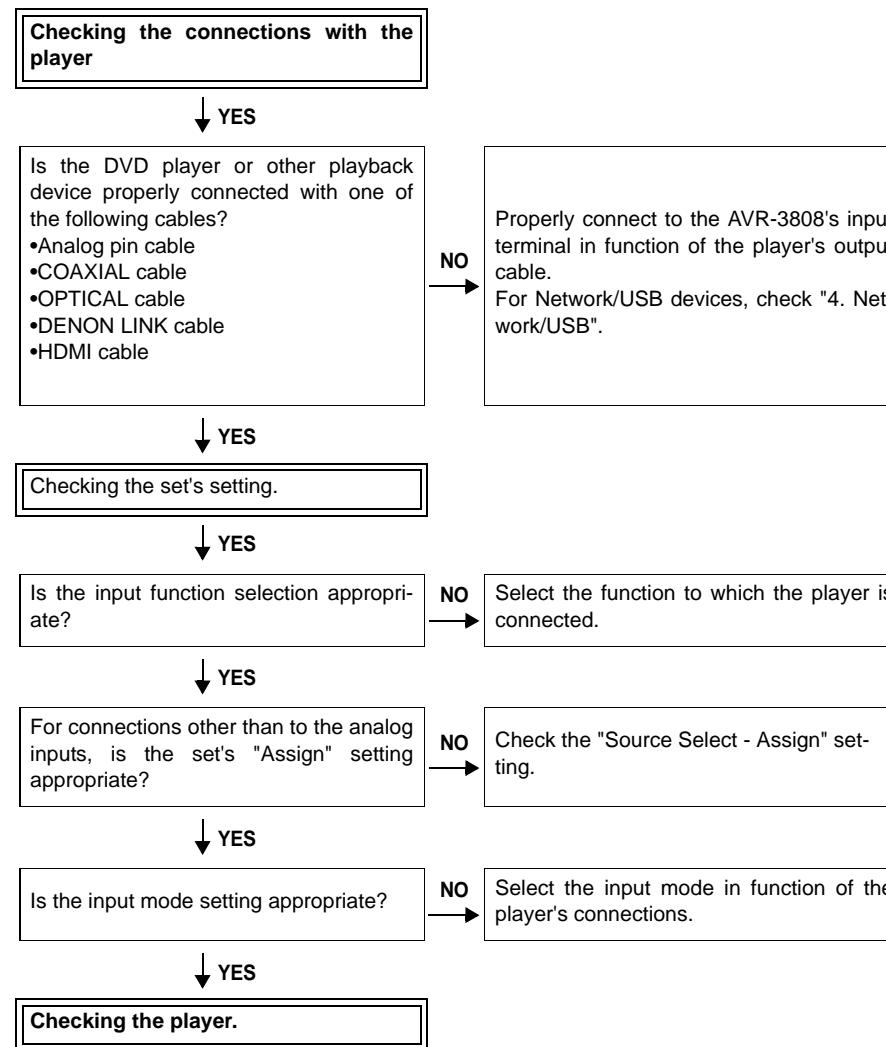
#### 4.2. USB を接続しても認識されない



**4.3. No sound is output****4.3. 音声が出力されない**

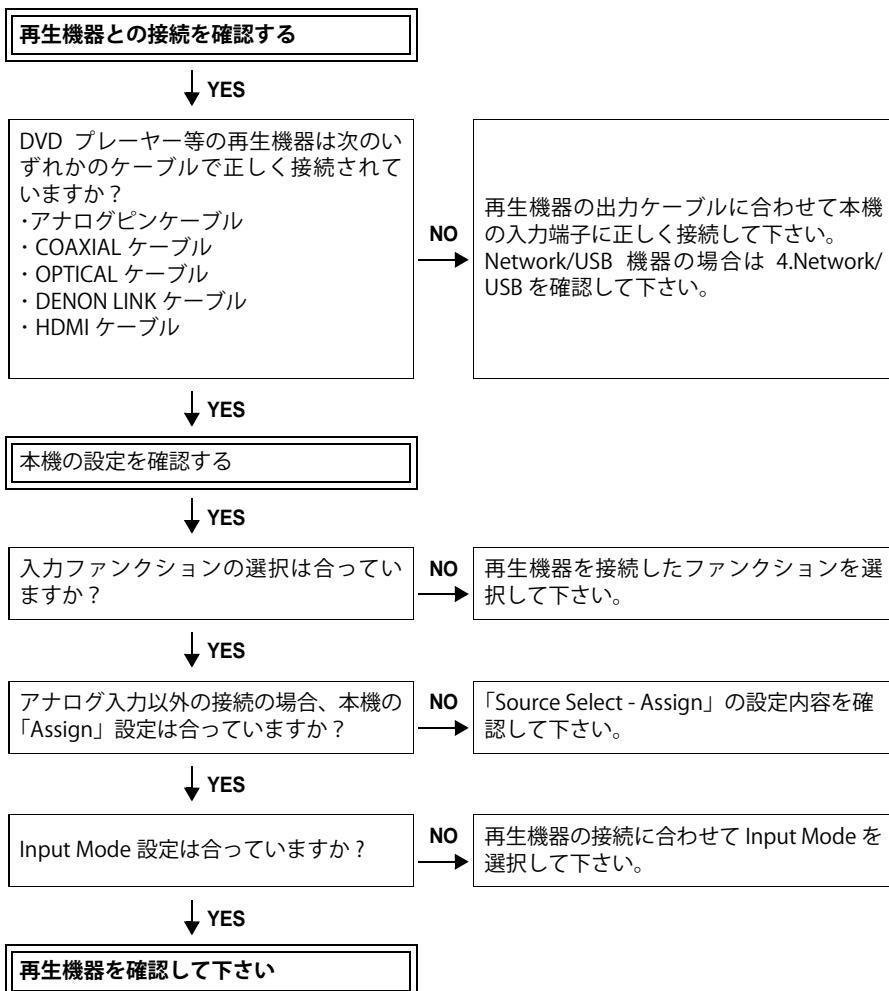
## 5. Checking the digital audio circuit

### 5.1. No sound is output



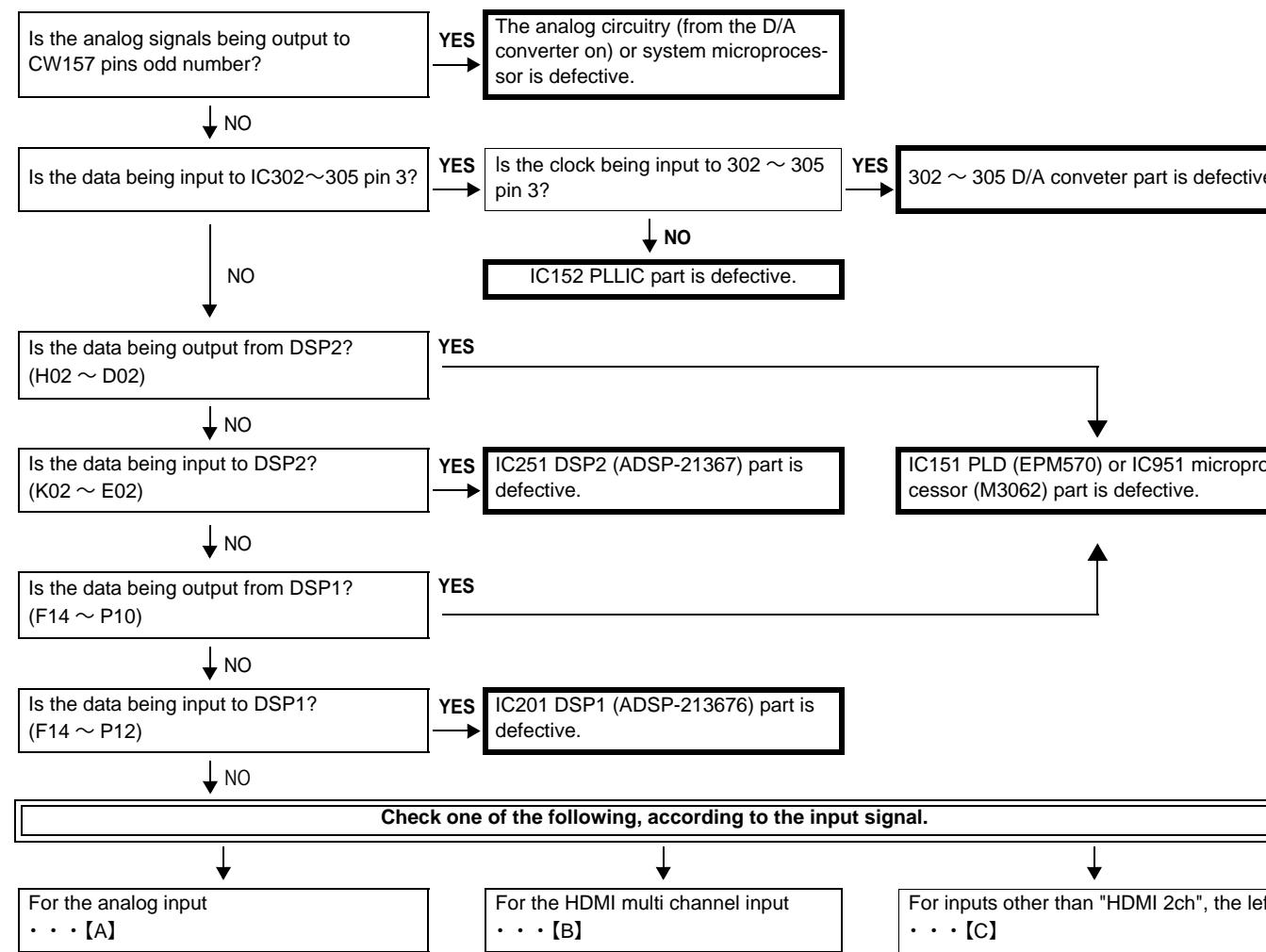
## 5. デジタルオーディオ回路の確認

### 5.1. 音声が出力されない

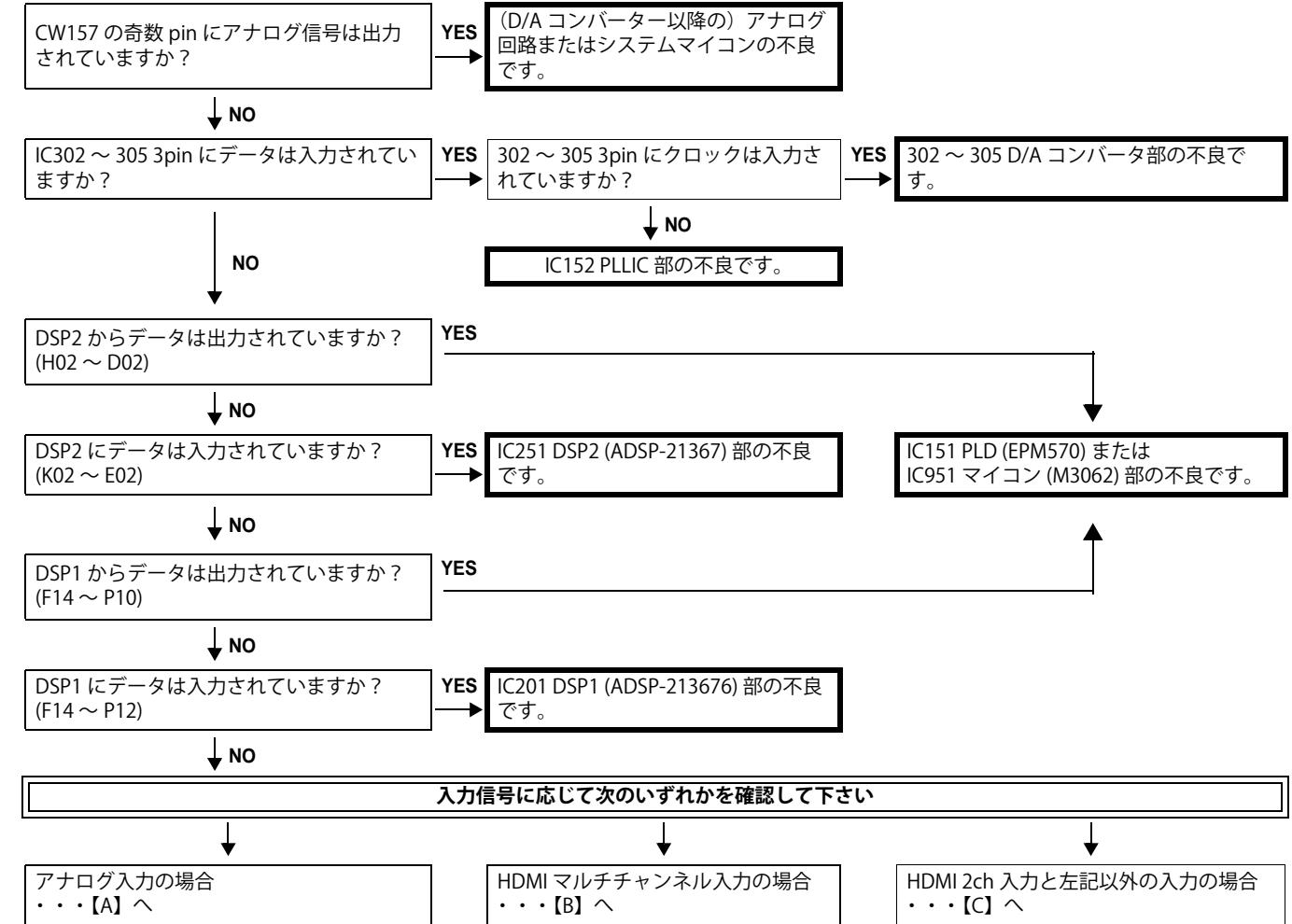


**5.2. Checking the operation**

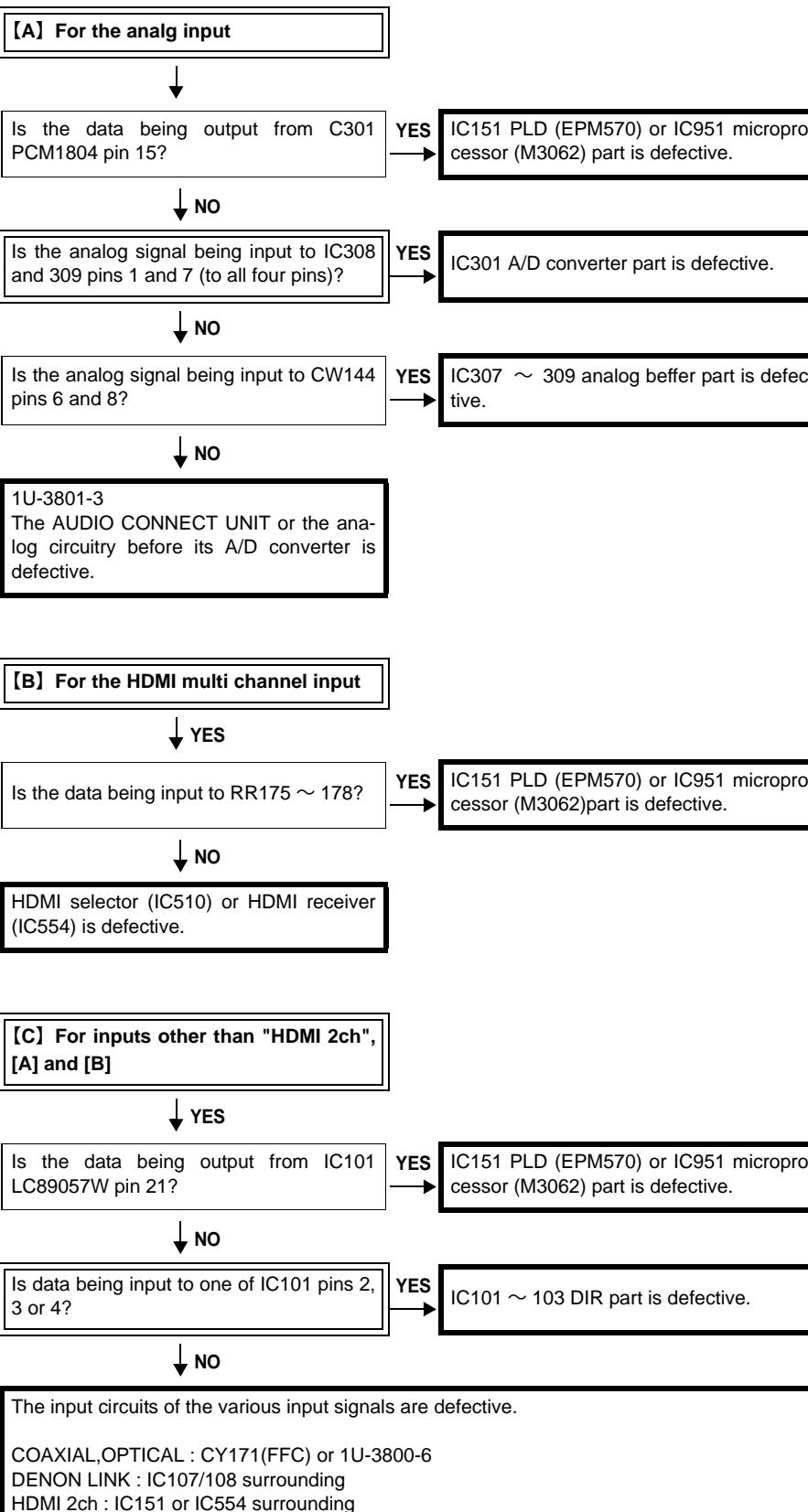
※ Set the surround mode to "7ch STEREO".

**5.2. 本機の動作を確認する**

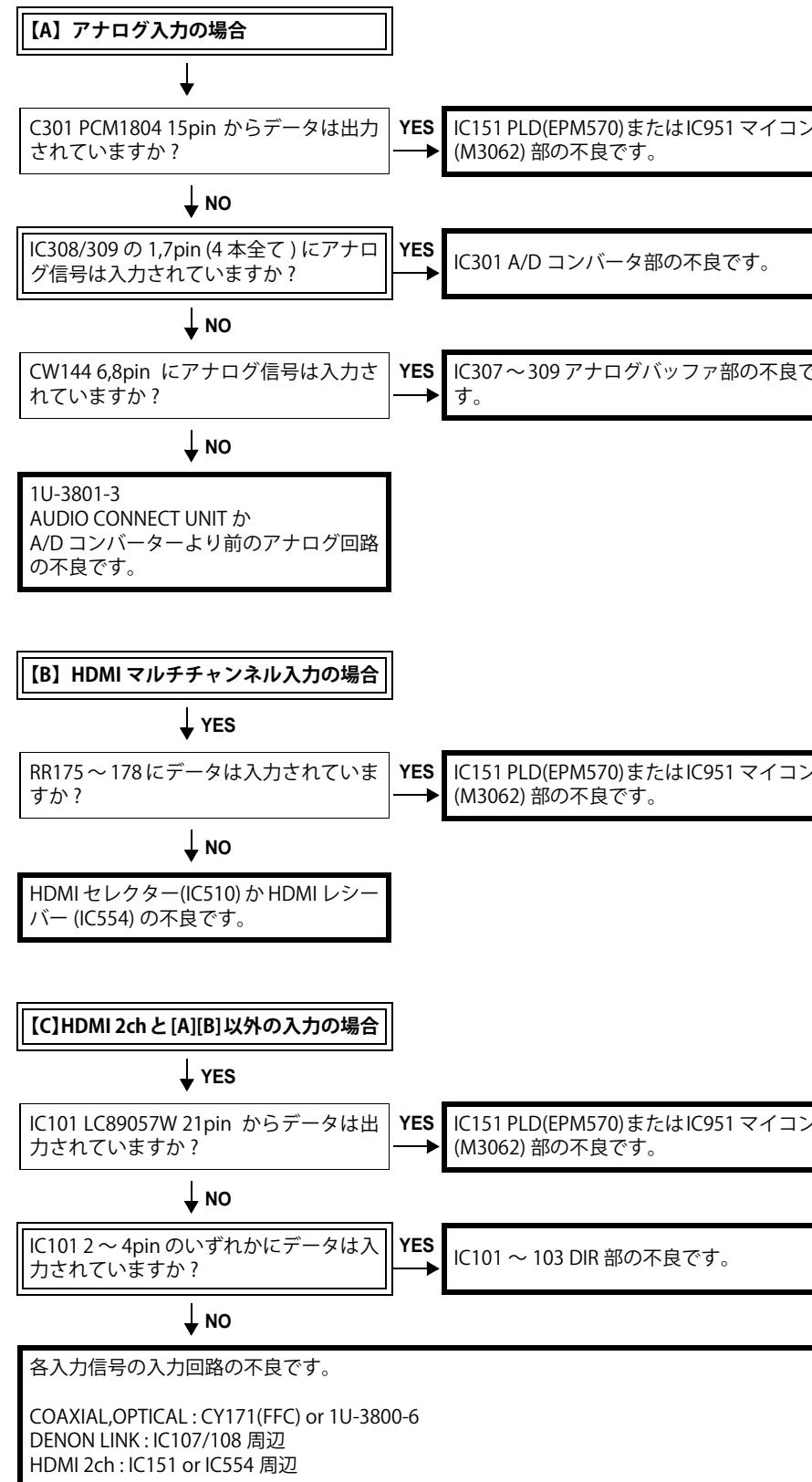
※ サラウンドモードは 7ch STEREO に設定する。



## Checking the operation(Continuation)

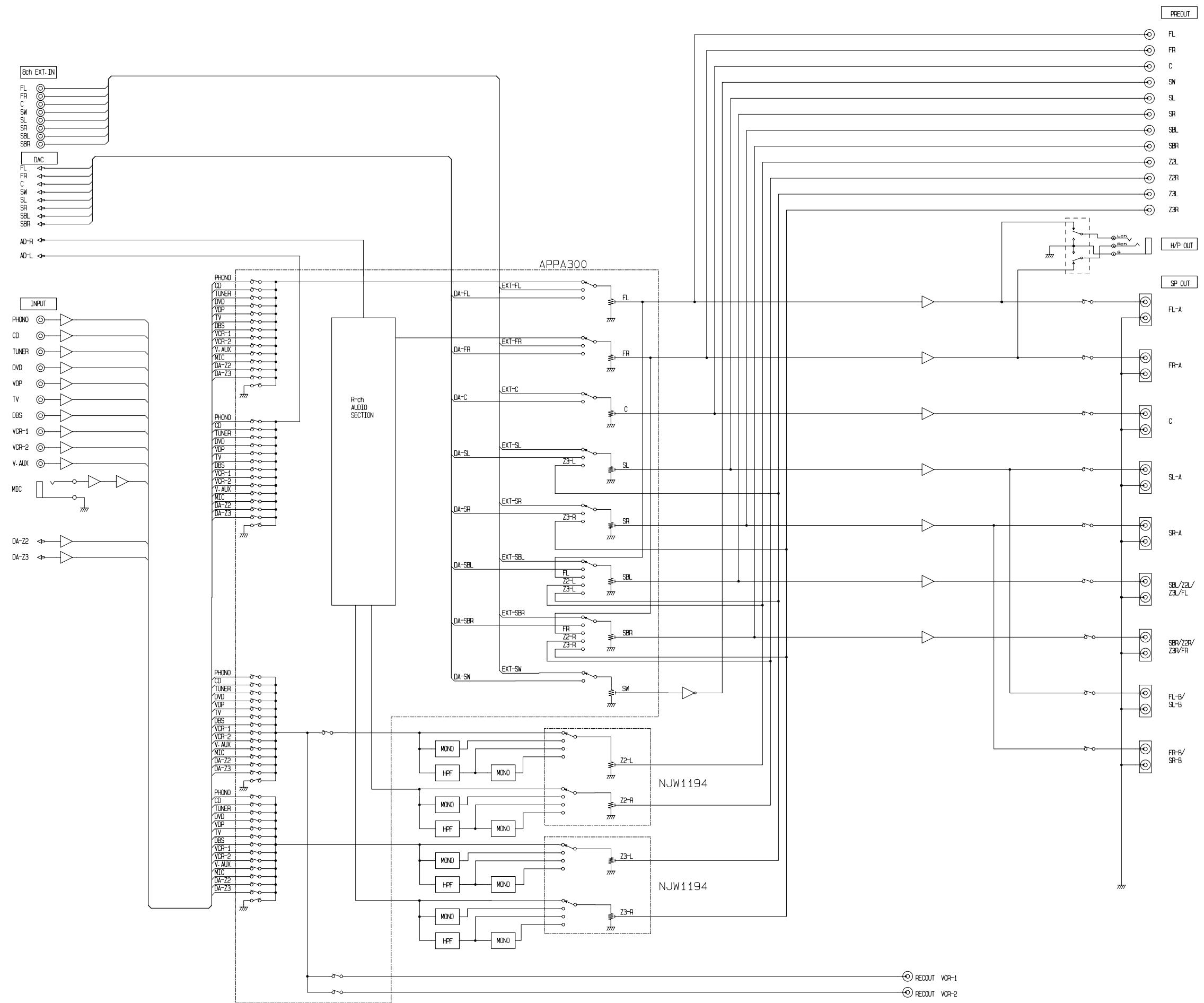


## 本機の動作を確認する (続き)



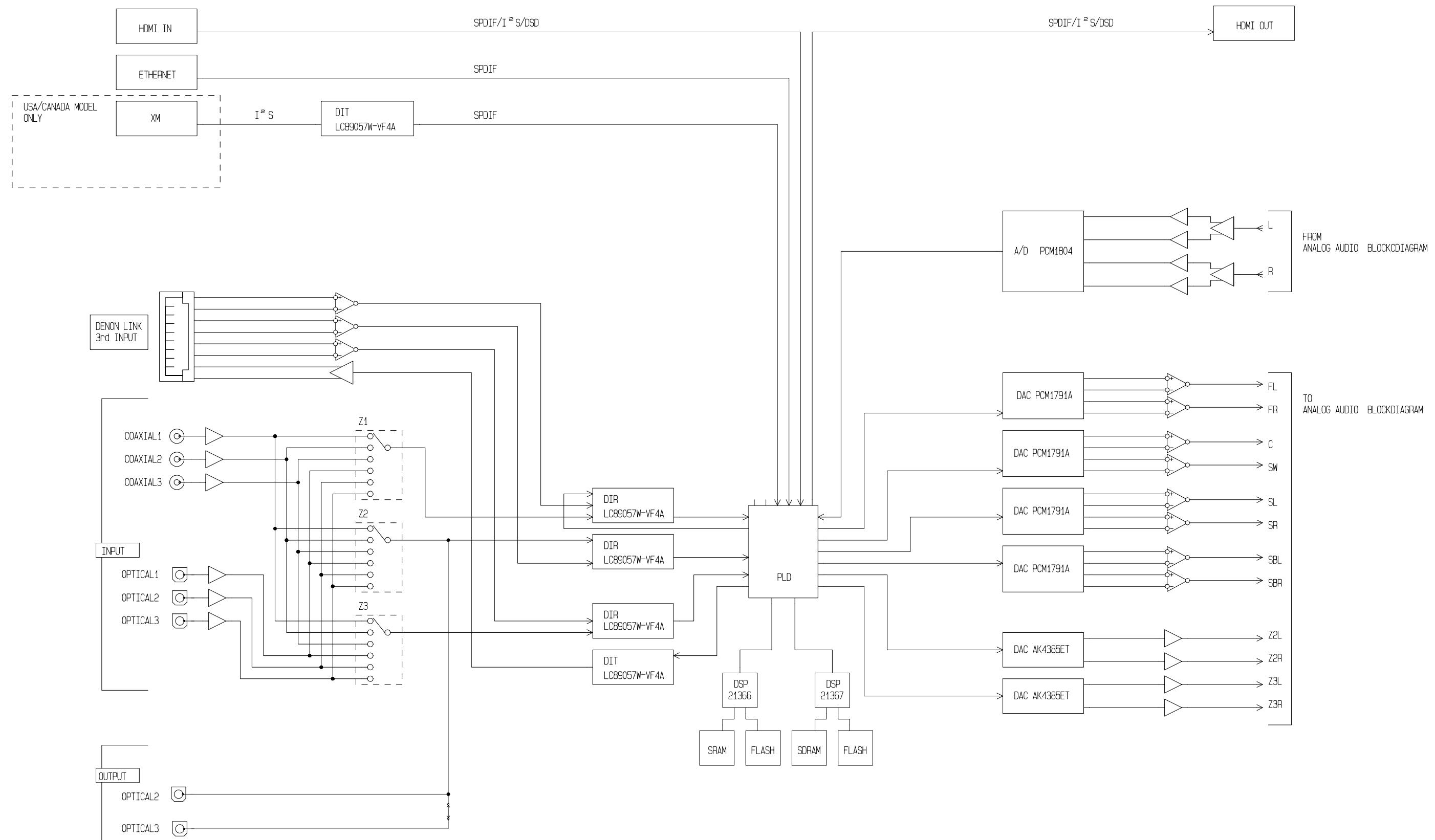
## BLOCK DIAGRAMS (1/3)

### ANALOG AUDIO BLOCK DIAGRAM



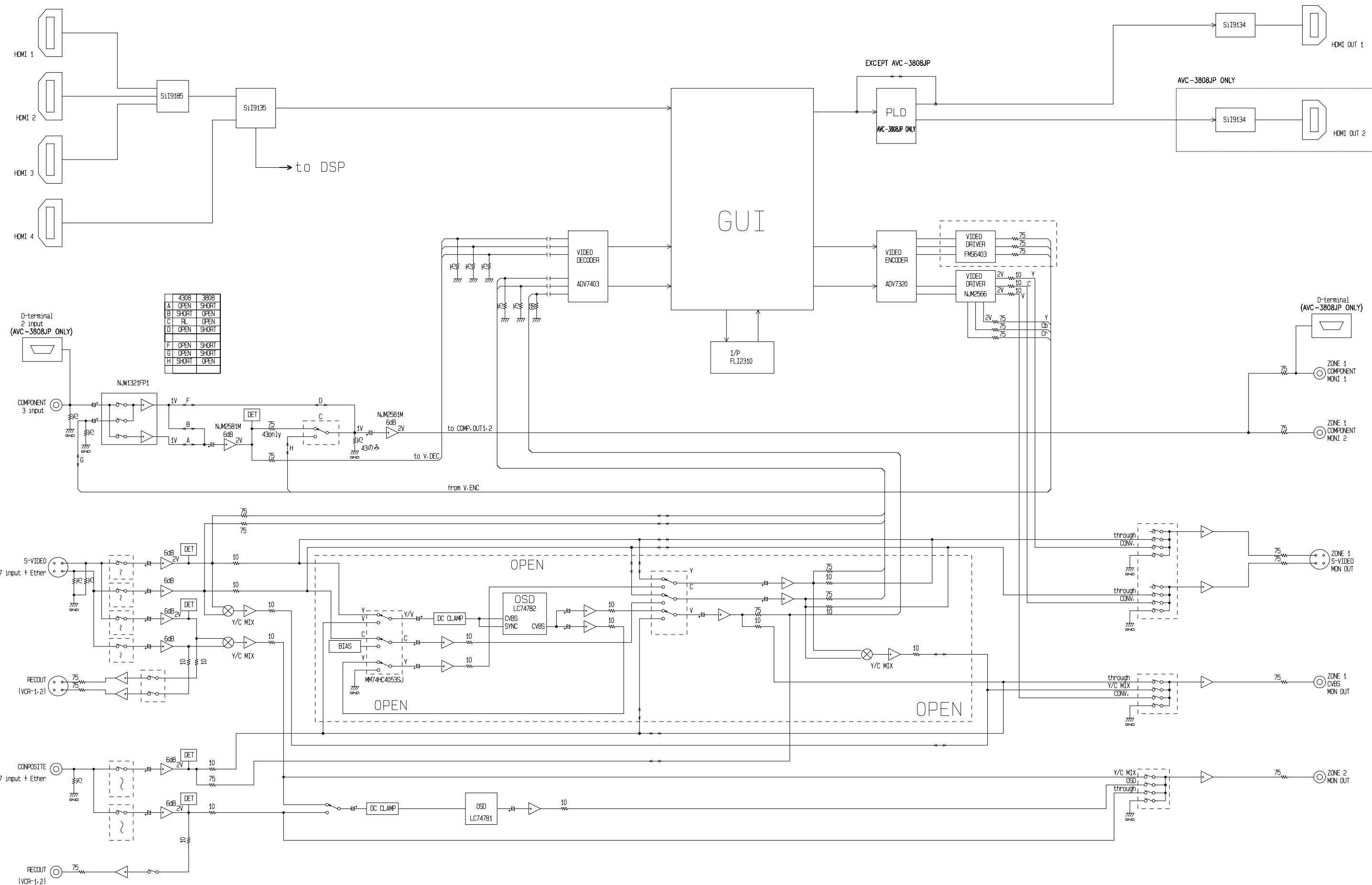
## BLOCK DIAGRAMS (2/3)

### DIGITAL AUDIO BLOCK DIAGRAM



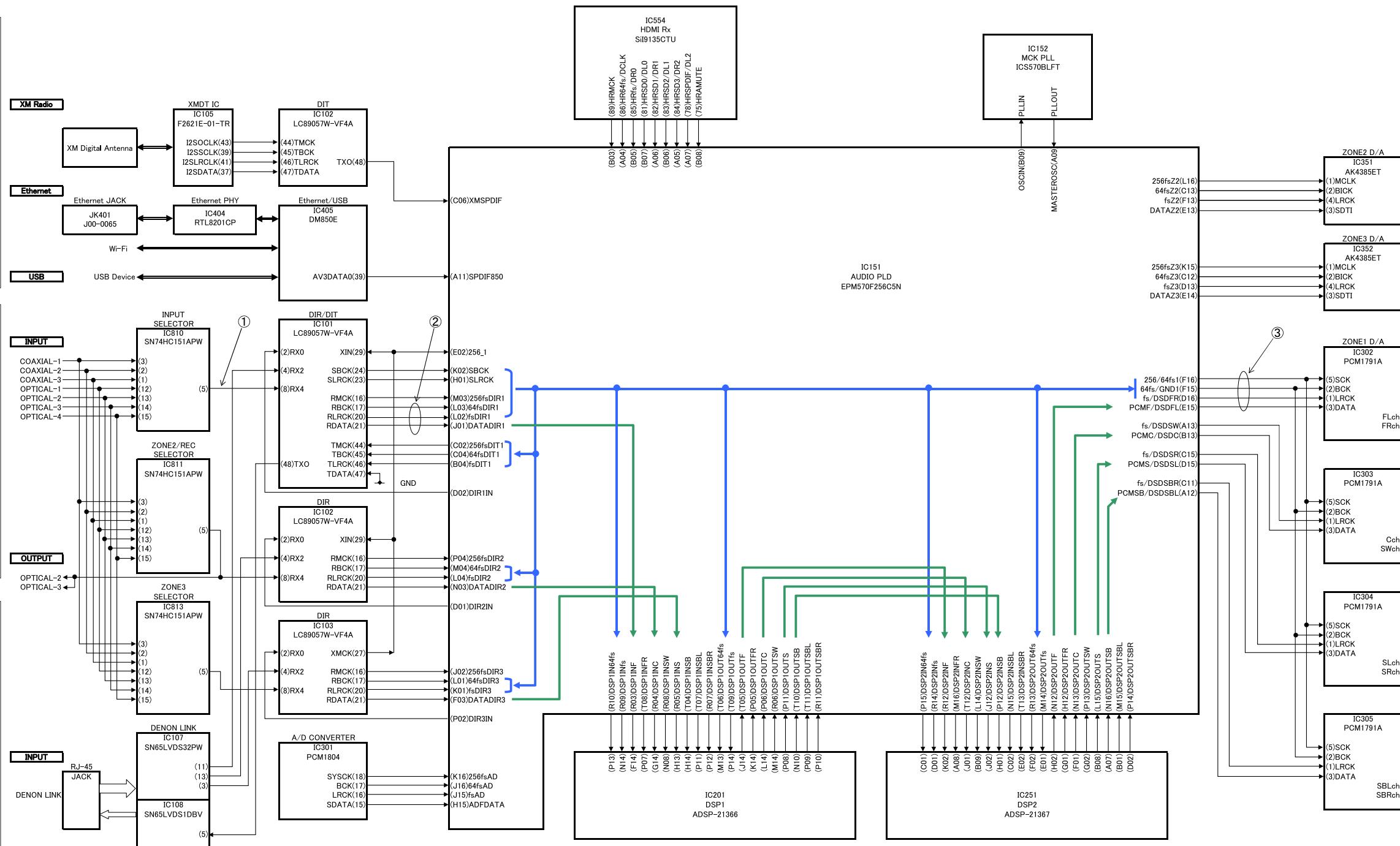
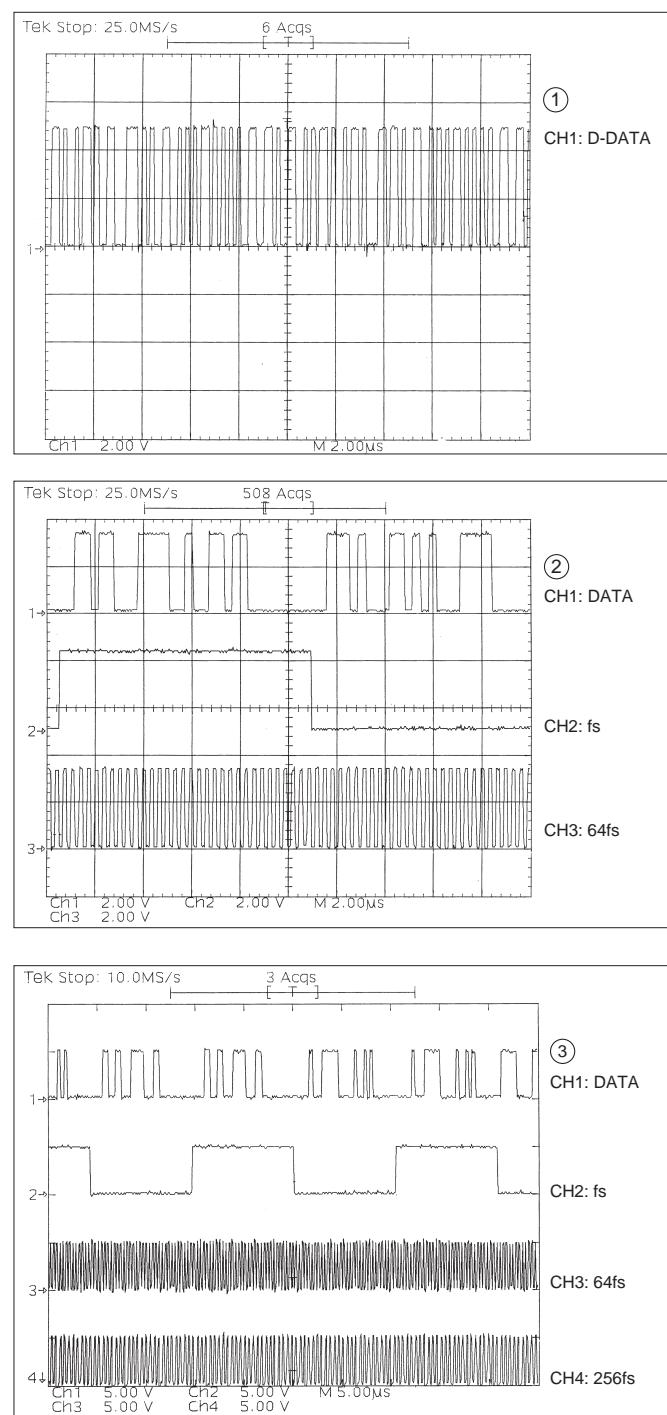
## BLOCK DIAGRAMS (3/3)

### VIDEO BLOCK DIAGRAM



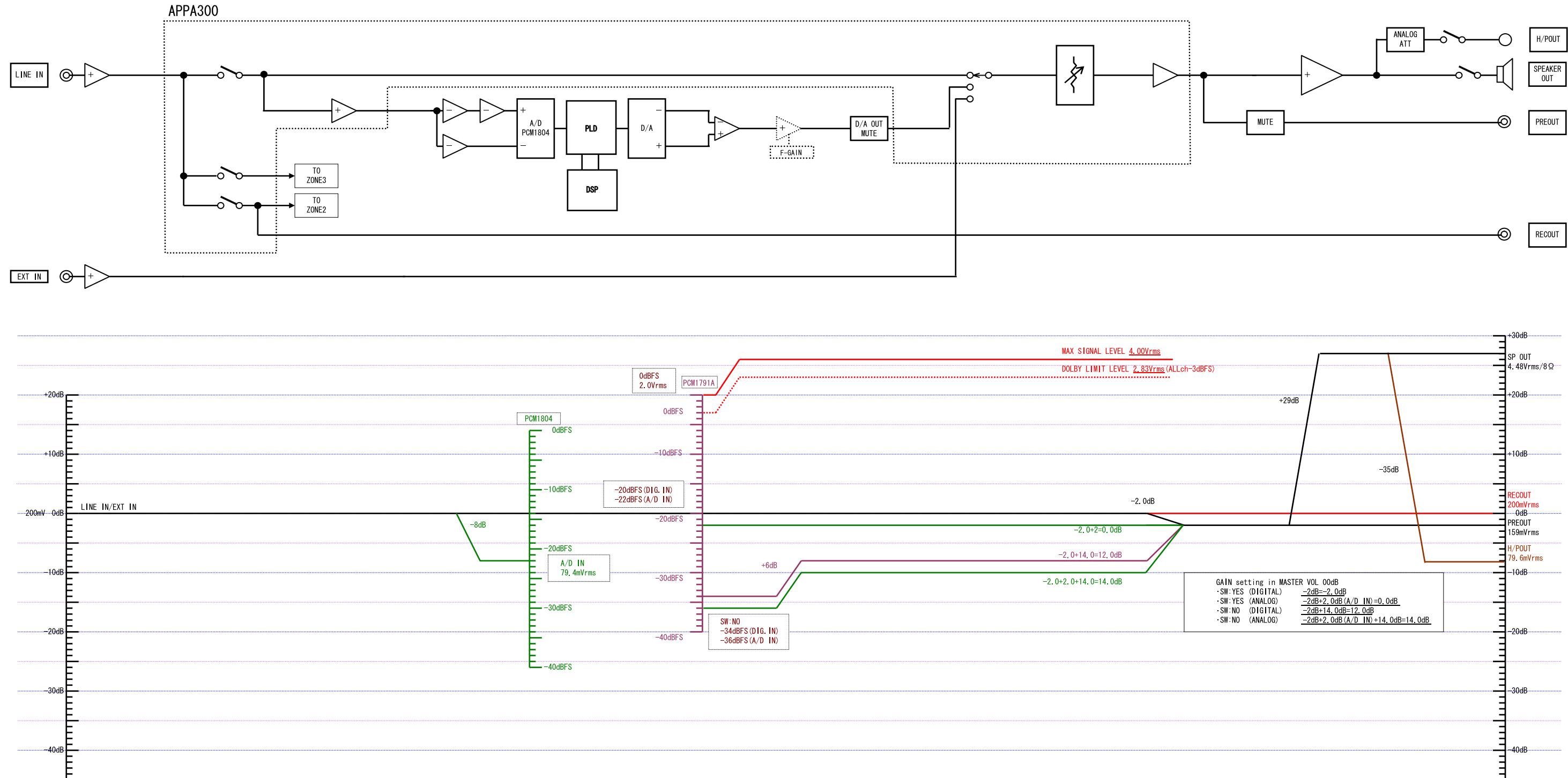
## CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

### Wave form

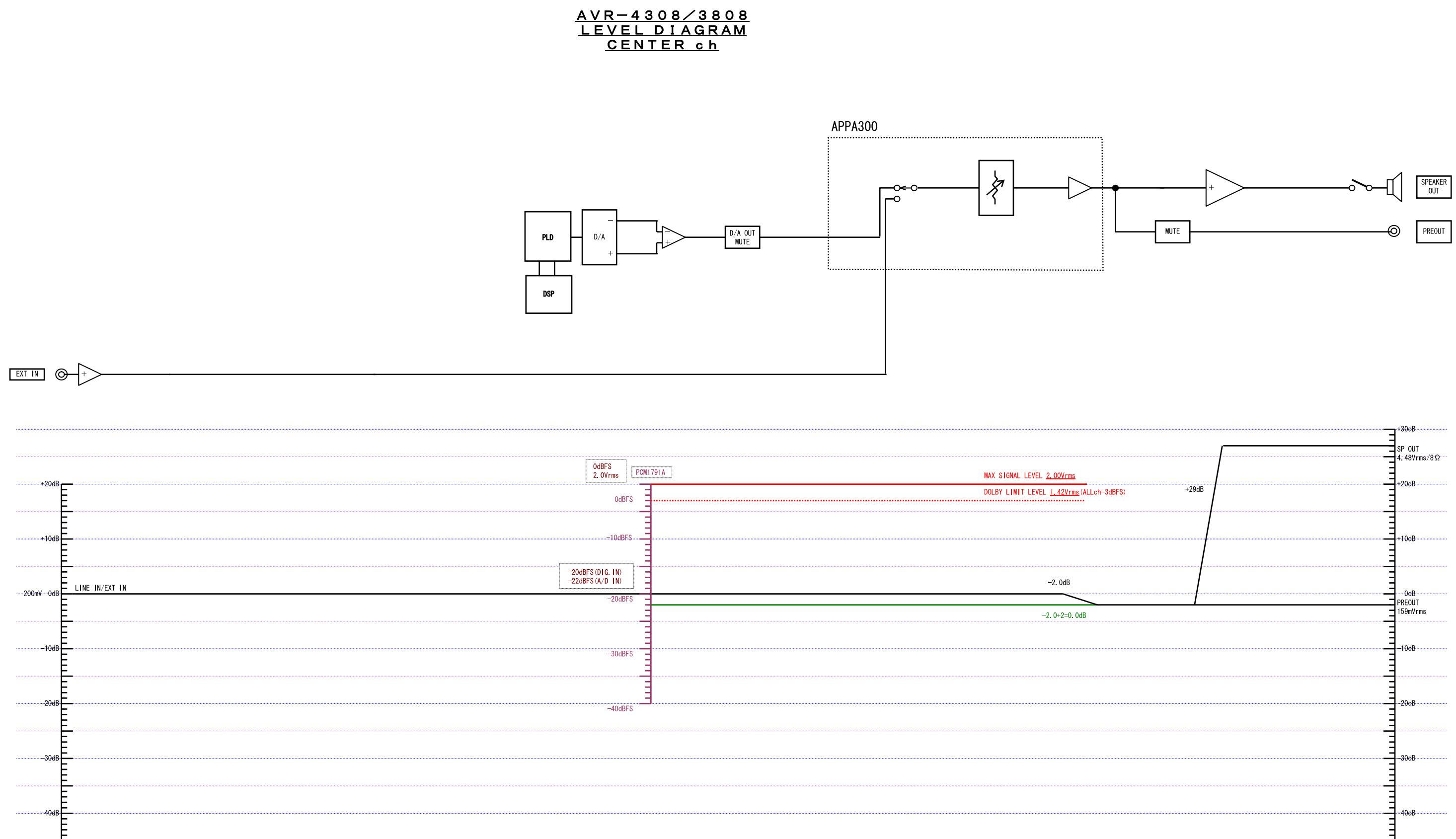


## LEVEL DIAGRAMS (1/6)

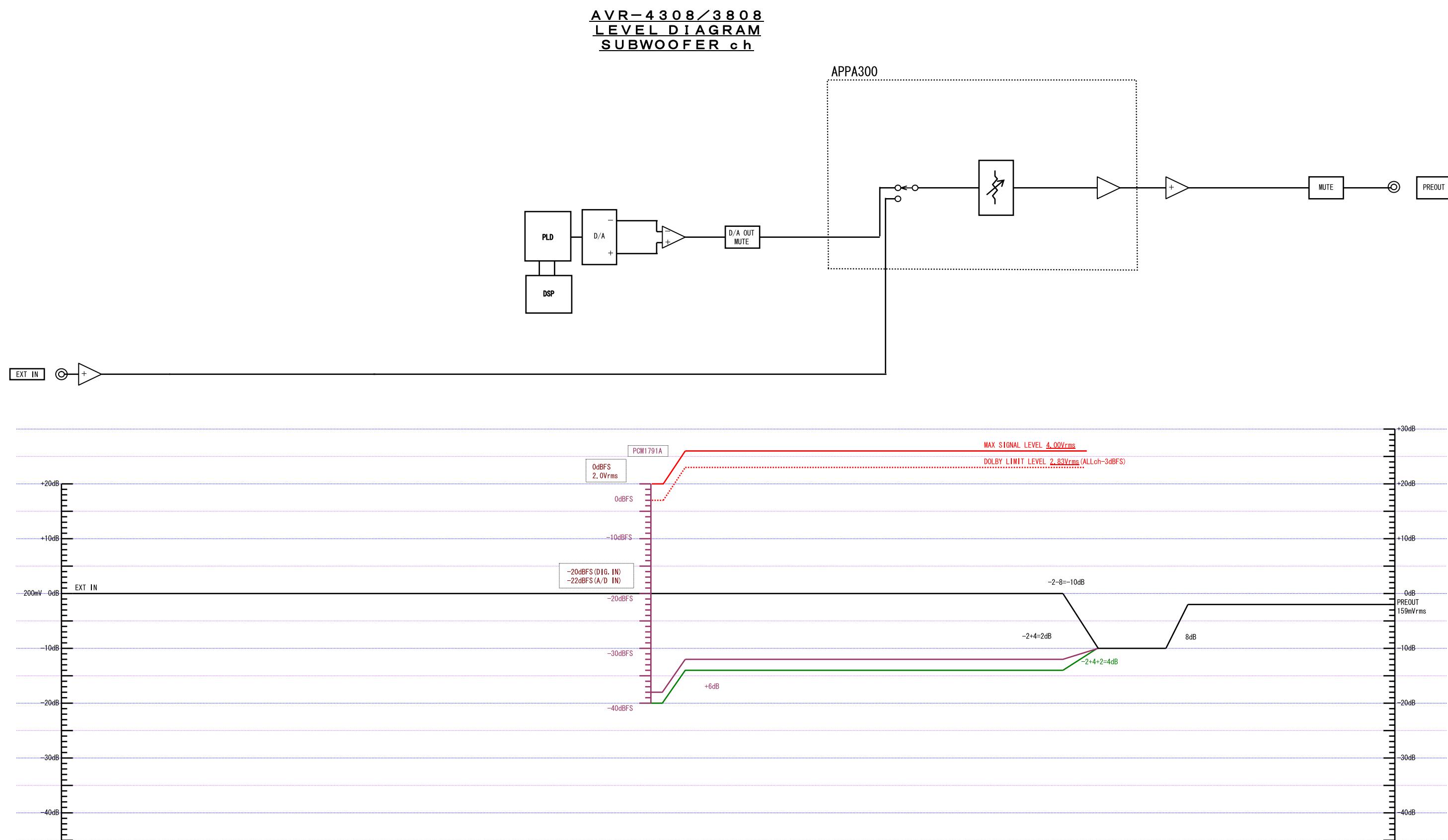
AVR-4308/3808  
LEVEL DIAGRAM  
FRONT ch



## LEVEL DIAGRAMS (2/6)

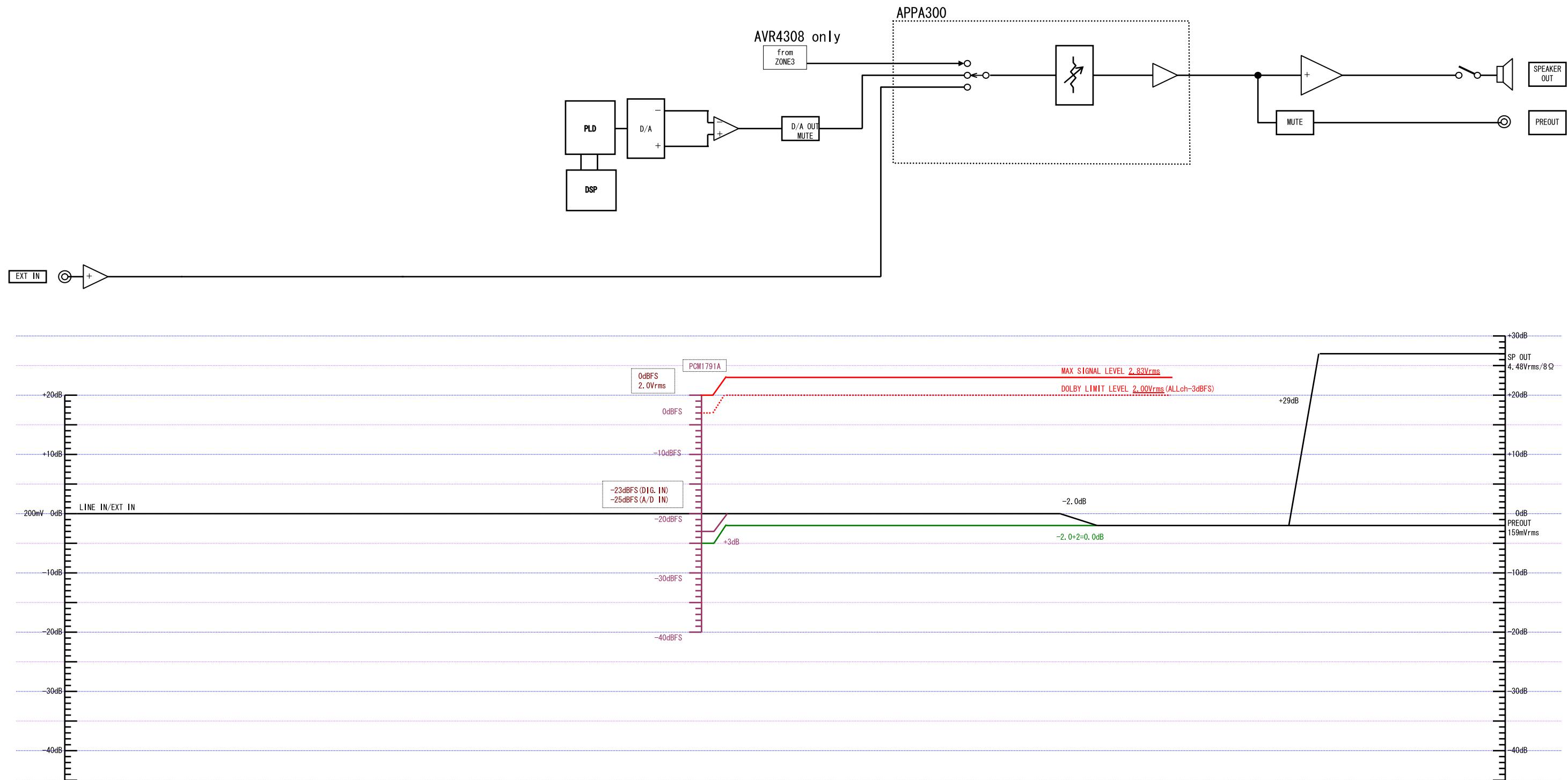


## LEVEL DIAGRAMS (3/6)



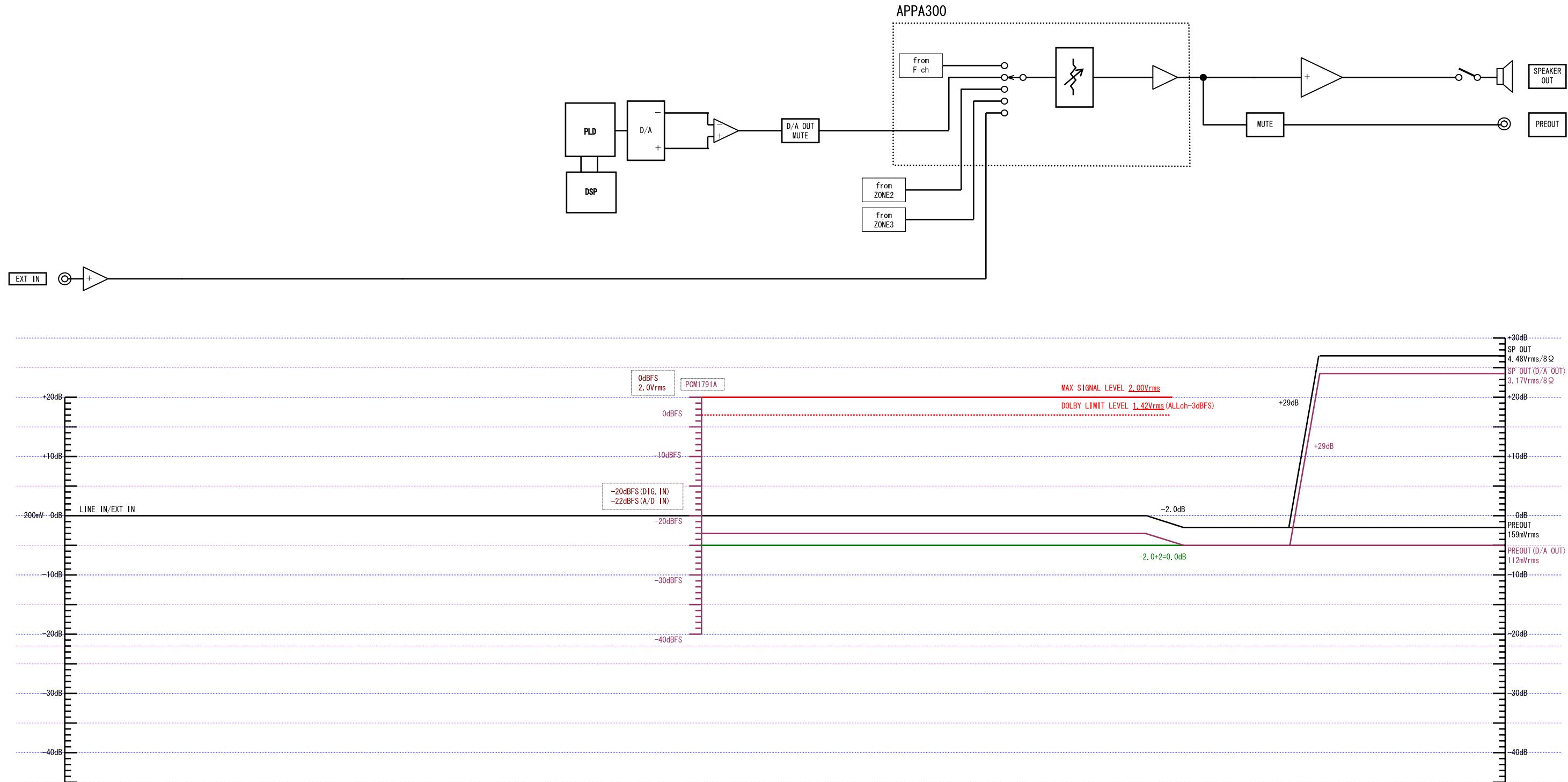
## LEVEL DIAGRAMS (4/6)

AVR-4308/3808  
LEVEL DIAGRAM  
SURROUND ch



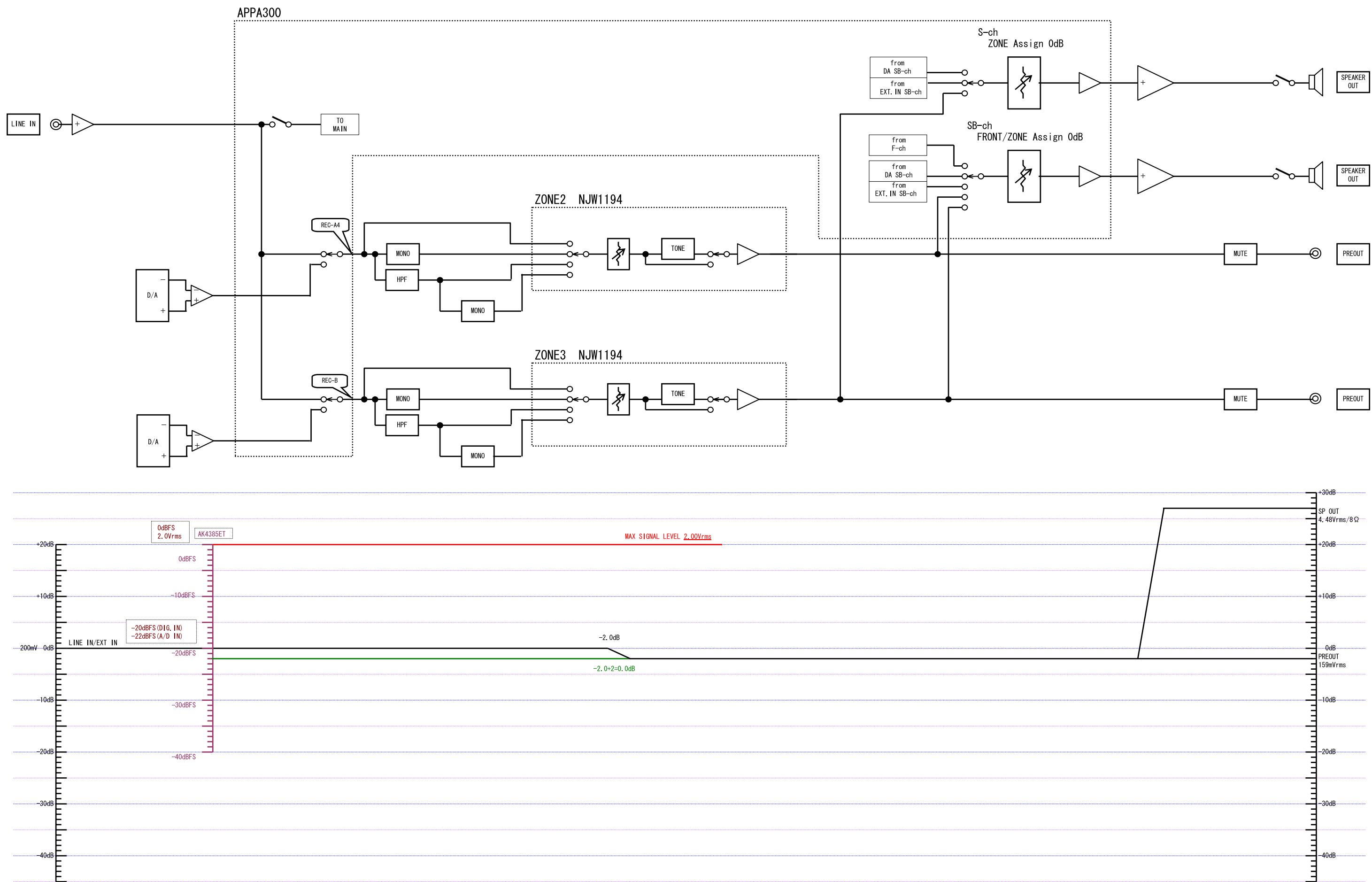
## LEVEL DIAGRAMS (5/6)

**AVR-4308/3808  
LEVEL DIAGRAM  
SURROUND BACK ch**



## LEVEL DIAGRAMS (6/6)

AVR-4308/3808 LEVEL DIAGRAM ZONE 2/3



# 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., etc.

注) : IC No. の前の記号は、基板の名称を表します。

DI : DIGITAL P.W.B.

FR : FRONT P.W.B.

AV : AUDIO VIDEO P.W.B.

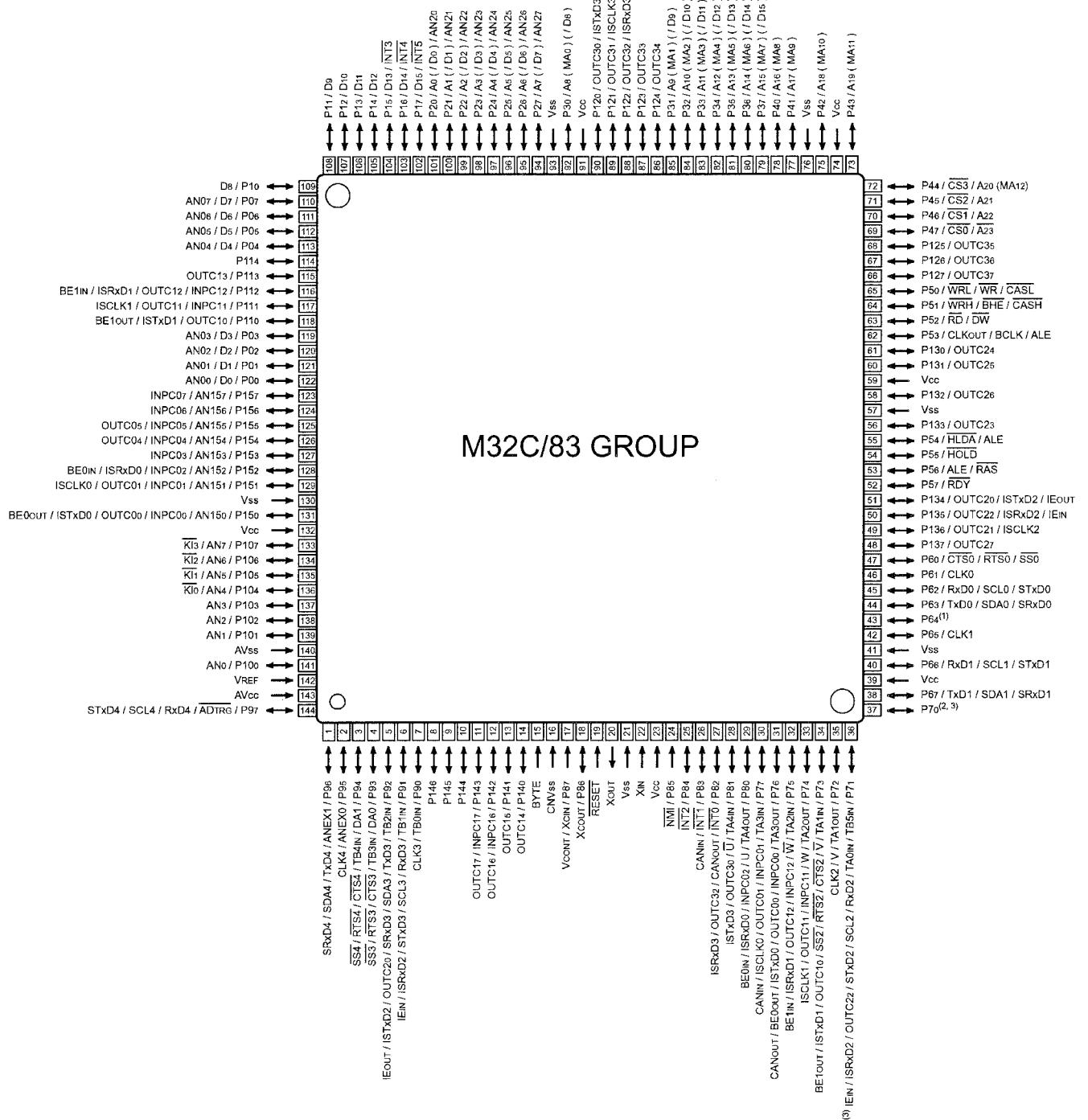
AC : AUDIO/CPU P.W.B.

PA : POWER AMP P.W.B.

DP : DIGITAL POWER P.W.B.

PS : POWER SUPPLY P.W.B.

### M3087BFLBGP (AC: IC701)



#### NOTES:

1. P64 / CTS1 / RTS1 / SS1 / OUTC21 / ISCLK2
2. P70 / TA0OUT / Tx0D2 / 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	Op (Int.)	Op (Ext.)	Res	STBY	stop	Function
1	P96/TXD4	(HDRADIO MOHI)	O	C	-	-	Z	O/L	O/L	O/L	Not used (HD RADIO control)
2	P95/CLK4	XM ANT REV	I	-	E ↓ &L	-	Eu	Z	O/L	O/L	Not used (XM RADIO control pin, ANTENNA normal : L)
3	P94/CTS4	GUI RST	O	C	-	-	Ed	Z	O/L	O/L	GUI control pin
4	P93/CTS3	GUI ACK	I	-	E ↓ &L	-	Ed	Z	O/L	O/L	GUI control pin
5	P92/TXD3	(SIRIUS MO)	O	C	-	-	Z	O/L	O/L	O/L	Not used (SIRIUS control)
6	P91/RXD3	(SIRIUS MI)	O(I)	-	-	-	-	Z	O/L	O/L	Not used (SIRIUS control)
7	P90/CLK3	USB SEL	O	C	-	-	Ed	Z	O/L	O/L	USB select control (FRONT="L",BACK="H")
8	P146/INT8	REMOTE DET	I	-	E ↓ &H	-	-	Z	O/L	O/L	ROOM TO ROOM Signal detect pin (Detected : H)
9	P145/INT7	GUI REQ	O	C	-	-	Ed	Z	O/L	O/L	GUI control pin
10	P144/INT6	(HDMI CEC IN)	I	-	E ↓ &L	-	Eu	Z	I	O/L	Not used
11	P143	(HDMI CEC OUT)	O	C	-	-	-	Z	O/L	O/L	Not used
12	P142	CPU/E POWER	O	C	-	-	Ed	Z	O/L	O/L	MAIN CPU POWER control pin (POWER ON : H) (ETHER=ON or CEC ON (STANDBY : H))
13	P141	SCPU POWER	O	C	-	-	Ed	Z	O/L	O/L	SUB CPU POWER ON/OFF switching (H : ON)
14	P140	232C POWER	O	C	-	-	Ed	Z	O/H	O/L	232C POWER control pin
15	BYTE	BYTE	-	-	-	-	-	-	-	-	GND (Ext. data bus bit width switching, 16bit : L)
16	CNVss	CNVSS	I	-	-	-	Ed	Z	I	I	Single-chip / Micro-processor mode switching (Normal single-chip : L, Rewrite boot program start : H input set)
17	P87/XCIN	POWER	O	C	-	-	Ed	Z	O/L	O/L	MAIN POWER relay control output (ON : H)
18	P86/XCOUT	HD POWER	O	C	-	-	Ed	Z	O/L	O/L	Not used (HD RADIO POWER control pin)
19	RESET	RESET	I	-	Lv	-	Eu	L	I	I	Reset input (reset : L)
20	XOUT	X2	O	-	-	-	-	-	O/L	O/L	Clock output
21	VSS	VSS	-	-	-	-	-	-	-	-	GND
22	XIN	X1	I	-	-	-	-	-	I	I	Clock input
23	VCC	VCC	-	-	-	-	-	-	-	-	+5V
24	P85/NMI	_NMI	I	-	-	-	-	-	-	-	Not used (Fixed to H)
25	P84/INT2	B.DOWN	I	-	E ↓ &L	-	Eu	Z	I	I	Power down detect (Power down : L)
26	P83/INT1	POWER KEY	I	-	E ↓ &L	-	Eu		I	O/L	Interrupt port for WAIT mode cancel
27	P82/INT0	REMOCON	I	-	E ↑ &L	-	Ed	Z	I	I	Remote control signal input
28	P81	REMOTE POWER	O	C	-	-	Ed	Z	O/L	O/L	REMOTE POWER control pin (ON : H)
29	P80/RXD5	iPod RXD MII0	I	-	-	-	-	Z	I	O/L	IPOD comm. control pin
30	P77/CLK5	iPod DOCK DET	I	-	-	-	Eu	Z	O/L	O/L	MINI JACK connected detection pin for DOCK connection (connected : L)
31	P76/TXD5	iPod TXD MOII	O	C	-	-	-	Z	O/L	O/L	IPOD comm. control pin
32	P75/ISRXD1(UART)	USER1 LED	O	C	-	-	Ed	Z	O/L	O/L	USER 1 LED control pin (ON : H)
33	P74/ISCLK1	USER2 LED	O	C	-	-	Ed	Z	O/L	O/L	USER 2 LED control pin (ON : H)
34	P73/ISTXD1(UART)	USER3 LED	O	C	-	-	Ed	Z	O/L	O/L	USER 3 LED control pin (ON : H)
35	P72/CLK2	GUI CLK	O	C	-	-	Ed	Z	O/L	O/L	GUI control pin
36	P71/RXD2	GUI RX	I	-	-	-	-	Z	I	O/L	GUI control pin
37	P70/TXD2	GUI TX	O	N	-	-	Eu	Z	O/L	O/L	GUI control pin
38	P67/TXD1	TXD MO232I	O	C	-	-	-	Z	O/L	O/L	Data transfer output to outside (AMX)
39	VCC	VCC	-	-	-	-	-	-	-	-	+5V
40	P66/RXD1	RXD MI232O	I	-	-	-	Ed	Z	I	O/L	Data receive input from outside (AMX)
41	VSS	VSS	-	-	-	-	-	-	-	-	GND
42	P65/CLK1(SCLK)	SCLK	O	C	-	-	Ed	Z	O/L	O/L	For emulator
43	P64/CTS1(BUSY)	BUSY	O	C	-	-	-	Z	O/L	O/L	For emulator
44	P63/TXD0	E_TXDMOEI	O	C	-	-	-	Z	O/L	O/L	ETHERNET comm. control pin
45	P62/RXD0	E_RXDMIEO	I	-	-	-	Ed	Z	I	O/L	ETHERNET comm. control pin
46	P61/CLK0	E_RESET	O	C	-	-	Ed	Z	O/L	O/L	ETHERNET comm. control pin
47	P60/CTS0	E POWER	O	C	-	-	Ed	Z	O/L	O/L	ETHERNET POWER ON/OFF switching (H : ON)
48	P137	E SPI CS	O	C	-	-	-	Z	O/L	O/L	ETHERNET comm. control pin
49	P136/ISCLK2(SPI)	CLKMO	O	C	-	-	Ed	Z	O/L	O/L	MAIN-SUB μcom comm. control pin
50	P135/ISRXD2(SPI)	SOMI	I	-	-	-	-	Z	I	O/L	MAIN-SUB μcom comm. control pin
51	P134/ISTXD2(SPI)	MOSI	O	C	-	-	Ed	Z	O/L	O/L	MAIN-SUB μcom comm. control pin
52	P57	TRIGGER 1	O	C	-	-	Ed	Z	O/L	O/L	TRIGGER OUT 1 control pin
53	P56	TRIGGER 2	O	C	-	-	Ed	Z	O/L	O/L	TRIGGER OUT 2 control pin
54	P55/EPM	FRASH EPM	O	C	-	-	Eu	Z	O/L	O/L	Rewrite boot program start : L input set
55	P54	TRIGGER PROTECT	I	-	E ↓ &L	-	Eu	Z	I	O/L	TRIGGER PROTECTION detect port
56	P133	H/P DET	I	-	-	-	Eu	Z	O/L	O/L	HEADPHONE detect input (Detected : H)
57	VSS	VSS	-	-	-	-	-	-	-	-	GND
58	P132	MIC DET	I	-	Lv	-	Eu	Z	O/L	O/L	Microphone detect input (Detected : H)
59	VCC	VCC	-	-	-	-	-	-	-	-	+5V
60	P131	FL RST	O	C	-	-	Ed	Z	O/L	O/L	FL DRIVER control pin
61	P130	USB EN	O	C	-	-	-	Z	O/L	O/L	USB SELECT pin (Normal : H, USB SELECT switching : L)
62	P53	FL CE1	O	C	-	-	-	Z	O/L	O/L	FL DRIVER control pin

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	STBY	stop	Function
63	P52	FL DATA	O	C	-	-	-	Z	O/L	O/L	FL DRIVER control pin
64	P51	FL CLK	O	C	-	-	-	Z	O/L	O/L	FL DRIVER control pin
65	P50/CE	FRASH CE /MUTE POWER	O	C	-	-	Ed	Z	O/L	O/L	Rewrite boot program start : H input set / For MUTE +B control pin
66	P127	PRE F MUTE	O	C	-	-	Ed	Z	O/L	O/L	PREOUT MUTE control pin
67	P126	PRE C MUTE	O	C	-	-	Ed	Z	O/L	O/L	PREOUT MUTE control pin
68	P125	PRE S MUTE	O	C	-	-	Ed	Z	O/L	O/L	PREOUT MUTE control pin
69	P47/CS0/A23	PRE SB MUTE	O	C	-	-	Ed	Z	O/L	O/L	PREOUT MUTE control pin
70	P46/CS1/A22	PRE SW MUTE	O	C	-	-	Ed	Z	O/L	O/L	PREOUT MUTE control pin
71	P45/CS2/A21	PRE Z2 MUTE	O	C	-	-	Ed	Z	O/L	O/L	PREOUT MUTE control pin
72	P44/CS3/A20	PRE Z3 MUTE	O	C	-	-	Ed	Z	O/L	O/L	PREOUT MUTE control pin
73	P43/A19	HP RL	O	C	-	-	Ed	Z	O/L	O/L	H/P RELAY control pin
74	VCC	VCC	-	-	-	-	-	-	-	-	+5V
75	P42	TU STB	O	C	-	-	-	Z	O/L	O/L	TUNER PLLcontrol pin
76	VSS	VSS	-	-	-	-	-	-	-	-	GND
77	P41/A17	F RL	O	C	-	-	Ed	Z	O/L	O/L	RELAY control
78	P40/A16	C RL	O	C	-	-	Ed	Z	O/L	O/L	RELAY control
79	P37/D15	S RL	O	C	-	-	Ed	Z	O/L	O/L	RELAY control
80	P36/D14	SB RL	O	C	-	-	Ed	Z	O/L	O/L	RELAY control
81	P35/D13	EX1-F RL	O	C	-	-	Ed	Z	O/L	O/L	Not used
82	P34/D12	EX1-S RL	O	C	-	-	Ed	Z	O/L	O/L	RELAY control
83	P33/A11	EX2-F RL	O	C	-	-	Ed	Z	O/L	O/L	Not used
84	P32/D10	EX2-SB RL	O	C	-	-	Ed	Z	O/L	O/L	Not used
85	P31/D9	EX1-SB RL	O	C	-	-	Ed	Z	O/L	O/L	Not used
86	P124	LIMIT	O	C	-	-	Ed	Z	O/L	O/L	LIMIT control (7ch ST & EXT.IN : H) or (LIMIT DET=45sec L : H)
87	P123/CTS6/RST6	A+B LIMIT	O	C	-	-	Ed	Z	O/L	O/L	A+B LIMIT control SURROUND SPEAKER A+B : H
88	P122/RXD6	RXD MIXMO	I	-	-	-	-	-	I	O/L	XM RADIO control pin
89	P121/CLK6	XM RST	O	C	-	-	-	Z	O/L	O/L	XM RADIO control pin
90	P120/TXD6	TXD MOXMI	O	-	-	-	Eu	Z	O/L	O/L	XM RADIO control pin
91	VCC	VCC	-	-	-	-	-	-	-	-	+5V
92	P30/D8	TU/RDS DIN	O	C	-	-	-	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)
93	VSS	VSS	-	-	-	-	-	-	-	-	GND
94	P27/AN27/D7	TU/RDS CLK	O	C	-	-	-	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)
95	P26/AN26/D6	TU DOUT	I	-	Lv	-	Ed	-	O/L	O/L	TUNER PLL control pin (LC72131)
96	P25/AN25/D5	T.MUTE	O	C	-	-	Ed	Z	O/L	O/L	TUNER MUTE control (MUTE : L)
97	P24/AN24/D4	STEREO	I	-	Lv	-	Eu	-	O/L	O/L	When TUNER FM stereo receive : L
98	P23/AN23/D3	TUNED	I	-	Lv	-	Eu	-	O/L	O/L	TUNER turned detect (Detected : L)
99	P22/AN22/D2	RDS DATAOUT	I	-	E ↓ &L	-	Eu	-	O/L	O/L	RDS data input (LC72720)
100	P21/AN21/D1	RDS RESET	O	C	-	-	-	Z	O/L	O/L	RDS reset output (LC72720)
101	P20/AN20/D0	RDS CE	O	C	-	-	-	Z	O/L	O/L	RDS DATA output (LC72720)
102	P17/INT5/D15	PROTECTION	I	-	E ↓ &L	-	Ed	Z	I	I	PROTECTION detect input
103	P16/INT4/D14	E_REQ	I	-	E ↓ &L	-	Ed	Z	I	O/L	ETHERNET comm. control pin
104	P15/INT3/D13	REQ SOMI	I	-	E ↓ &L	-	Ed	Z	I	O/L	MAIN-SUB μ com comm. control pin
105	P14/D12	ACK SIMO	O	C	-	-	Ed	Z	O/L	O/L	MAIN-SUB μ com comm. control pin
106	P13/D11	RST SUB	O	C	-	-	Ed	Z	O/L	O/L	SUB-μ com reset output
107	P12/D10	VOL DATA	O	C	-	-	-	Z	O/L	O/L	FUNCTION/VOLUME control (NJW1199)(NJW1194)
108	P11/D9	VOL CLK	O	C	-	-	-	Z	O/L	O/L	FUNCTION/VOLUME control (NJW1199)(NJW1194)
109	P10/D8	VOL STB1	O	C	-	-	-	Z	O/L	O/L	FUNCTION/VOLUME control (NJW1199)(NJW1194)
110	P07/AN07/D7	VOL STB2	O	C	-	-	-	Z	O/L	O/L	FUNCTION/VOLUME control (NJW1199)
111	P06/AN06/D6	VOL MUTE	O	C	-	-	-	Z	O/L	O/L	FUNCTION/VOLUME control (NJW1199)
112	P05/AN05/D5	SW GAIN	O	C	-	-	Ed	Z	O/L	O/L	SW GAIN control
113	P04/AN04/D4	GRNLED	O	C	-	-	Ed	Z	O/L	O/L	POWER/STANDBY LED control pin (ON : H)
114	P114	REDLED	O	C	-	-	Ed	Z	O/L	O/L	POWER/STANDBY LED control pin (ON : H)
115	P113	ZONE2 OSD_STB	O	C	-	-	-	Z	O/L	O/L	ZONE2 OSD control pin
116	P112/	ZONE2 OSD_CLK	O	C	-	-	-	Z	O/L	O/L	ZONE2 OSD control pin
117	P111/	ZONE2 OSD_DATA	O	C	-	-	-	Z	O/L	O/L	ZONE2 OSD control pin
118	P110/	ZONE2 OSD_RST	O	C	-	-	Ed	Z	O/L	O/L	ZONE2 OSD control pin
119	P03/AN03/D3	E SPI CLK	O	C	-	-	-	Z	O/L	O/L	ETHERNET comm. control pin
120	P02/AN02/D2	E SPI MIEO	I	-	-	-	Ed	Z	I	O/L	ETHERNET comm. control pin
121	P01/AN01/D1	E SPI MOEI	O	C	-	-	-	Z	O/L	O/L	ETHERNET comm. control pin
122	P00/AN00/D0	(SYNCDET)	O	C	-	-	-	Z	O/L	O/L	Not used
123	P157/AN157	Not used	O	C	-	-	-	Z	O/L	O/L	Not used
124	P156/AN156	POSI PRT	I	-	E ↓ &L	-	Eu	Z	O/L	O/L	Temperature detect
125	P155/AN155	B.D_CONTROL	O	C	-	-	-	Z	O/L	O/L	B.DOWN detect value change control pin (from CPU/E POWER ON after 15ms ON)
126	P154/AN154	LIMIT DET	I	-	E ↓ &L	-	Eu	Z	O/L	O/L	Signal detect input (Detected : H)
127	P153/AN153	ISEL B	I	-	Lv	-	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	STBY	stop	Function
128	P152/AN152/	ISEL A	I	-	Lv	-	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)
129	P151/AN151/	VSEL B	I	-	Lv	-	Eu	Z	O/L	O/L	Master Volume rotation detect input (Rotary encoder)
130	VSS	VSS	-	-	-	-	-	-	-	-	GND
131	P150/AN150/	VSEL A	I	-	Lv	-	Eu	Z	O/L	O/L	Master Volume rotation detect input (Rotary encoder)
132	VCC	VCC	-	-	-	-	-	-	-	-	+5V
133	P107/AN7/KI3	VOLTAGE_PROTECT	I	-	-	-	-	Z	O/L	O/L	Voltage detection control pin
134	P106/AN6/KI2	KEY3	I	-	Lv	-	Eu	Z	O/L	O/L	Button input3
135	P105/AN5/KI1	KEY2	I	-	Lv	-	Eu	Z	O/L	O/L	Button input2
136	P104/AN4/KI0	KEY1	I	-	Lv	-	Eu	Z	O/L	O/L	Button input1
137	P103/AN3	(HD DET)	I	-	-	-	Eu	Z	O/L	O/L	Not used (DAB or HD Radio distinction pin)
138	P102/AN2	Not used	I	-	-	-	Eu	Z	O/L	O/L	Not used
139	P101/AN1	XM LINK ACTIVE	I	-	E ↓ &H	-	-	Z	O/L	O/L	XM RADIO control pin (Normal check : H)
140	AVSS	AVSS	-	-	-	-	-	-	-	-	Analog GND
141	P100/AN0	MODE	I	-	Lv	-	-	Z	I	O/L	Destination switching input
142	VREF	VREF	-	-	-	-	-	-	-	-	Ref. power supply input +5
143	AVCC	AVCC	-	-	-	-	-	-	-	-	Analog Power supply +5
144	P97/ADTRG/RXD4	(HDRADIO MIHO)	O	-	Lv	-	-	-	O/L	O/L	Not used (HD RADIO 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.

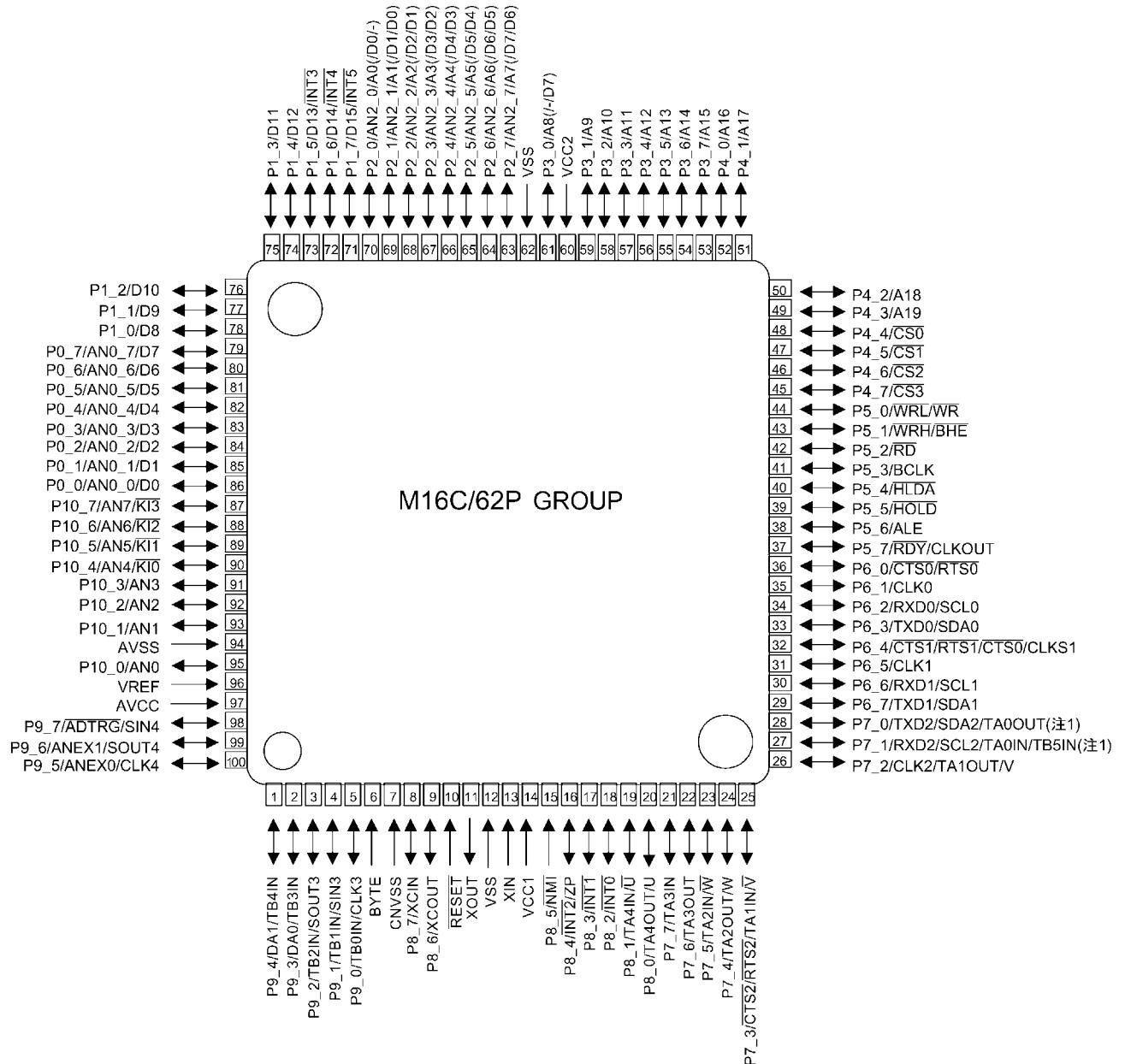
“O/L” = Output port and “L”

“I” = Input port

Stop : State of port when Stop mode.

“O/L” = Output port and “L”

“I” = Input port

**M3062LFGPGP (DI: IC951)****M3062LFGPGP Terminal Function**

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	Function
1	P94/TB4	FPGAWRITE	O	C	-	-	-	Z	AUDIO FPGA rewrite control (ACTIVE "L")
2	P93/TB3	DIRCE	O	C	-	-	-	Z	DIR control pin (LC89057W-VF4A)
3	P92/SOUT3	DIRDIN	O	C	-	-	-	Z	DIR control pin (LC89057W-VF4A)
4	P91/SIN3	DIRDOUT	I	-	Lv	-	Eu	Z	DIR control pin (LC89057W-VF4A)
5	P90/CLK3	DIRCLK	O	C	-	-	-	Z	DIR control pin (LC89057W-VF4A)
6	BYTE	BYTE	-	-	-	-	-	-	GND (Ext. data bus bit width switching, 16bit : L)
7	CNVCS	CNVSS	-	-	-	-	Ed	-	"Single-chip / Micro-processor mode switching (Normal single-chip : L, Rewrite boot program start : H input set)"
8	P87	VERST	O	C	-	-	Ed	Z	Video encoder reset (ADV7320)
9	P86	VDRST	O	C	-	-	Ed	Z	Video encoder reset (ADV7430)
10	RESET	SUBRESET	I	-	Lv	-	Eu	L	Reset input
11	XOUT	X1	O	-	-	-	-	-	Oscillator connection
12	VSS	VSS	-	-	-	-	-	-	GND
13	XIN	X2	I	-	-	-	-	-	Oscillator connection
14	VCC	VCC	-	-	-	-	-	-	+3.3V
15	P85/NMI	_NMI	I	-	-	-	-	-	Not used (Fixed to H)
16	P84/INT2	CEC_IN	I	-	E ↓ & L	-	Eu	Z	CEC-D signal input pin (SII9185)
17	P83/INT1	ACKSIMO	I	-	E ↓ & L	-	Ed	Z	MAIN-SUB μcom comm. Control input pin

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	Function
18	P82/INT0	SUB BDOWN	I	-	E ↓ &L	-	Eu	Z	Power down detect (Power down : L)
19	P81	IP RST/	O	C	-	-	Ed	Z	IP CONV (FLI2310) reset
20	P80	GUI WRITE	O	-	-	-	-	Z	GUI ROM rewrite control (ACTIVE"1")
21	P77	(GUI RST_SUB)/SUBTDO	I	-	-	-	-	Z	(For GUI RST from SUB, Not used)/PLD rewrite control(JTAG)
22	P76	MPLD CS MAIN/SUBTMS	O	C	-	-	Eu	Z	MAIN FPGA (PLD) control pin/PLD rewrite control (JTAG)
23	P75	MPLD DATA/SUBTDI	O	C	-	-	Eu	Z	MAIN FPGA (PLD) control pin/PLD rewrite control (JTAG)
24	P74	MPLD CLK/SUBTCK	O	C	-	-	Eu	Z	MAIN FPGA (PLD) control pin/PLD rewrite control (JTAG)
25	P73/CTS2	VIDEO POWER	O	C	-	-	Ed	Z	VIDEO POWER control output (H : ON)
26	P72/CLK2	DIGITAL POWER	O	C	-	-	Ed	Z	DIGITAL POWER control output (H : ON)
27	P71/RXD2	VSCL	I/O	C	-	-	Eu	Z	VIDEO I2C- IP CONV (FLI2310)/V_ENCODER (ADV7320)/V_DECODER (ADV7430)/GUI_FPGA control pin
28	P70/TXD2	VSDA	I/O	C	-	-	Eu	Z	VIDEO I2C- IP CONV (FLI2310)/V_ENCODER (ADV7320)/V_DECODER (ADV7431)/GUI_FPGA control pin
29	P67/TXD1	TXD	O	C	-	-	Eu	Z	Data transmission output to outside
30	P66/RXD1	RXD	I	-	Lv	-	Eu	Z	Data receive input from outside
31	P65/CLK1	FGAIN	O	C	-	-	Ed	Z	FGAIN control pin
32	P64/CTS1	CEC_OUT	O	C	-	-	Eu	Z	CEC-D signal output pin (SII9185)
33	P63/TXD0	SOMI	O	C	-	-	-	Z	MAIN-SUB μ com comm. control pin
34	P62/RXD0	SIMO	I	-	-	-	Ed	Z	MAIN-SUB μ com comm. control pin
35	P61/CLK0	CLKSIMO	I	-	-	-	Ed	Z	MAIN-SUB μ com comm. control pin
36	P60/CTS0	REQSOMI	O	C	-	-	Ed	Z	MAIN-SUB μ com comm. control pin
37	P57	OSR2	O	C	-	-	Eu	Z	A/D control pin (PCM1804) (48kHz : L)
38	P56	CFSEL0	O	C	-	-	Ed	Z	ENCODER output set (480p/576p : H)
39	P55/EPM	ADC RST/(FRASH EPM)	I/O	-	Lv	-	Ed	Z	AD reset/(Rewrite boot start : L input set)
40	P54	VSEL CLK	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
41	P53	VSEL DATA	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
42	P52	VSEL C1	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
43	P51	VSEL C2	O	C	-	-	-	Z	GUI built-in VIDEO SW control pin
44	P50/CE	CECSEL/(FRASHCE)/DSP BOOT	I/O	-	-	-	Eu	Z	CEC output LINE switching/(Rewrite boot : H input/DSP boot control (Rewrite boot : L input)
45	P47	Z2 SSIGDET	I	-	-	-	Eu	Z	ZONE2 S-signal detect input (H : S-signal inputted)
46	P46	DSPPOWER	O	-	-	-	-	Z	Same as DIGITAL POWER (H : ON)
47	P45	(CFSEL1)	O	C	-	-	-	Z	Not used (ENCODER output set 1080i, 720P : ZH)
48	P44	HS INT	I	-	E ↓ &L	-	Ed	Z	HDMI IN SEL (SII9185) INT output
49	P43	HDMI R INT	I	-	E ↓ &L	-	-	Z	HDMI RECEIVER (SII9031)INT output
50	P42	HSCL/EDIT SCL	I/O	C	-	-	Eu	Z	VIDEO I2C/HDMI EDIT (E2PROM) control pin
51	P41	HSDA/EDIT SDA	I/O	C	-	-	Eu	Z	VIDEO I2C/HDMI EDIT (E2PROM) control pin
52	P40	TMDS SWITCHER RST	O	C	-	-	Ed	Z	TMDS SWITCHER HDMI IN SEL (SII9185) reset
53	P37	HDMI R RST	O	C	-	-	Ed	Z	HDMI RECEIVER (SII9135) reset
54	P36	HDMI T1 RST	O	C	-	-	Ed	Z	HDMI TRANSMITTER1 (SII9134) reset
55	P35	HDMI T2 RST	O	C	-	-	Ed	Z	HDMI TRANSMITTER2 (SII9134) reset
56	P34	HDMI T1 INT	I	-	Lv	-	.	Z	HDMI OUT signal detect input (HDMI TRANS1 SII9134)
57	P33	HDMI T2 INT	I	-	Lv	-	-	Z	HDMI OUT signal detect input (HDMI TRANS2 SII9134)
58	P32	DACMDI/ZDACDATA	O	C	-	-	-	Z	DAC control pin (PCM1791ADBR)/ZONE's DAC control pin (AK4385ET)
59	P31	DACMC/ZDACCLK	O	C	-	-	-	Z	DAC control pin (PCM1791ADBR)/ZONE's DAC control pin (AK4385ET)
60	VCC	VCC	-	-	-	-	-	-	+3.3V'
61	P30	DACMS	O	C	-	-	-	Z	DAC control pin (PCM1791ADBR)
62	VSS	VSS	-	-	-	-	-	-	GND
63	P27	DACRST	O	C	-	-	-	Z	DAC control pin (PCM1791ADBR)
64	P26	Z2DACRST	O	C	-	-	-	Z	ZONE2's DAC control pin (AK4385ET)
65	P25	Z2DACC5	O	C	-	-	-	Z	ZONE2's DAC control pin (AK4385ET)
66	P24	Z3DACC5	O	C	-	-	-	Z	ZONE3's DAC control pin (AK4385ET)
67	P23	Z3DACRST	O	C	-	-	-	Z	ZONE3's DAC control pin (AK4386ET)
68	P22	V.EXPSTB	O	C	-	-	-	Z	STB output for video expander control (BU4094BCFV)
69	P21	V.EXPQE	O	C	-	-	Ed	Z	OE output for video expander control (BU4094BCFV)
70	P20	V.EXPCLK	O	C	-	-	-	Z	CLK output for video expander control (BU4094BCFV)
71	P17/INT5	V.EXPDIN	O	C	-	-	-	Z	DATA output for video expander control (BU4094BCFV)
72	P16/INT4	COMP SDDET	I	-	Lv	-	Eu	Z	MAIN ZONE's COMPONENT signal detect input
73	P15/INT3	Z1 VSIGDET	I	-	Lv	-	Eu	Z	MAIN ZONE's VIDEO signal detect input (Detected : H)
74	P14/D12	Z1 SMONIDET	I	-	-	-	Eu	Z	MAIN ZONE's S-monitor connection detect input (Connected : L)
75	P13/D11	Z1 SSIGDET	I	-	-	-	Eu	Z	MAIN ZONE's S-signal detect input (H : S-signal inputted)
76	P12/D10	Z2 SYNC DET	I	-	-	-	Ed	Z	Sync. detect input for ZONE2OSD (H : Ext. synchronized)
77	P11/D9	DSP1 VPP/SUBnCONFIG	O	C	-	-	Eu	-	Normal : H, FLASH write for DSP : L/FPGA rewrite control
78	P10/D8	DIR3 CKST	O	C	-	-	Eu	Z	DIR control pin (LC89057W-VF4-E)
79	P07/D7	DIR2 CKST	O	C	-	-	Eu	Z	DIR control pin (LC89057W-VF4-E)
80	P06/D6	PLD WRITE	O	C	-	-	-	Z	/PLD rewrite contorol (ACTIVE"1"), JTAG Version read-out control
81	P05/D5	INT3	I	-	E ↓ &L	-	Ed	Z	DIR control pin (LC89057W-VF4-E)

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	Function
82	P04/D4	INT2	I	-	E ↓ &L	-	Ed	Z	DIR control pin (LC89057W-VF4-E)
83	P03/D3	INT1	I	-	E ↓ &L	-	Ed	Z	DIR control pin (LC89057W-VF4-E)
84	P02/D2	DIRRST3	O	C	-	-	-	Z	DIR control pin (LC89057W-VF4-E)
85	P01/D1	DIRRST2	O	C	-	-	-	Z	DIR control pin (LC89057W-VF4-E)
86	P00/D0	DIRRST1	O	C	-	-	-	Z	DIR control pin (LC89057W-VF4-E)
87	P107/AN7	DSP2 RST	O	C	-	-	Ed	Z	DSP2 (ADSP-21367)reset output pin (reset : L)
88	P106/AN6	DSP1 RST	O	C	-	-	Ed	Z	DSP1 (ADSP-21366)reset output pin (reset : L)
89	P105/AN5	DSPromRST/SUBnCE	O	C	-	-	Ed	Z	DSP memory reset (reset : L)/FPGA rewrite control (MAIN FPGA&GUI FPGA combined use)
90	P104/AN4	DSP1 FLAG0/SUBDATA_O	I	-	Lv	-	Ed	Z	DSP1 control pin (ADSP-21366)/FPGA rewrite control (MAIN FPGA&GUI FPGA combined use)
91	P103/AN3	DSP2 FLAG0/SUBCONF_DONE	I	-	Lv	-	Ed	Z	DSP1 control pin (ADSP-21367)/FPGA rewrite control (MAIN FPGA&GUI FPGA combined use)
92	P102/AN2	DSP2 ICS/SUBnCS	O	C	-	-	Eu	Z	DSP1 control pin (ADSP-21367)/FPGA rewrite control (MAIN FPGA&GUI FPGA combined use)
93	P101/AN1	DSP1 ICS/SUBASDI	O	C	-	-	Eu	Z	DSP1 control pin (ADSP-21366)/FPGA rewrite control (MAIN FPGA&GUI FPGA combined use)
94	AVSS	AVSS	-	-	-	-	-	-	AD GND
95	P100/AN0	/SUBDCLK	O	C	-	-	-	Z	/FPGA rewrite control
96	VREF	VREF	-	-	-	-	-	-	AD ref. +3.3V
97	AVCC	AVCC	-	-	-	-	-	-	AD +3.3V
98	P97/SIN4	DSPMISO	I	-	Lv	-	Eu	Z	DSP control pin (ADSP-21366)/(ADSP-21367)
99	P96/SOUT4	DSPMOSI	O	C	-	-	Eu	Z	DSP control pin (ADSP-21366)/(ADSP-21367)
100	P95/CLK4	DSPICLK	O	C	-	-	Eu	Z	DSP control pin (ADSP-21366)/(ADSP-21367)

**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”

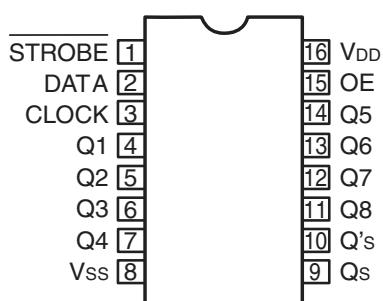
“I” = Input port

Stop : State of port when Stop mode.

“O/L” = Output port and “L”

“I” = Input port

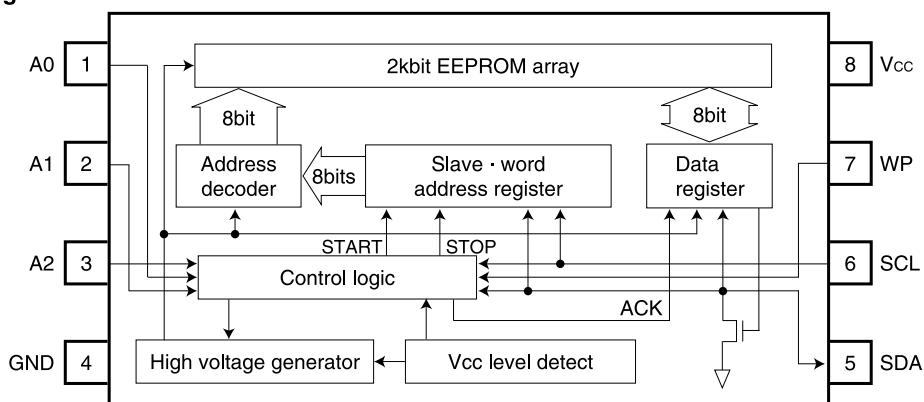
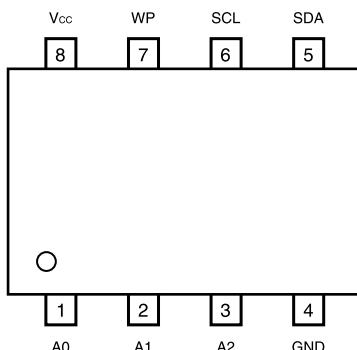
**BU4094BCFV-E2 (AV: IC505,506,508,511,812,815)  
(DI: IC954)**



**BU4094BCFV-E2 Terminal Function**

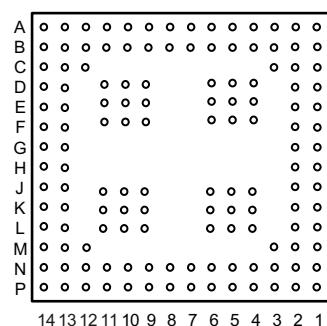
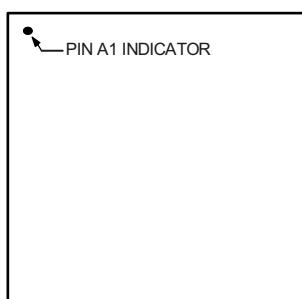
Parts Name	Pin Name	Symbol	Function
AV: IC812	EXP1	DINA	Digital input switching
	EXP2	DINB	Digital input switching
	EXP3	DINC	Digital input switching
	EXP4	DZ2A	Digital ZONE2/REC switching
	EXP5	DZ2B	Digital ZONE2/REC switching
	EXP6	DZ2C	Digital ZONE2/REC switching
	EXP7	DZ3A	Digital ZONE3 switching
	EXP8	DZ3B	Digital ZONE3 switching
AV: IC815	EXP9	DZ3C	Digital ZONE3 switching
	EXP10	DZ3INH	Not used (Digital ZONE3 INH control pin)
	EXP11	(DZ4A)	Not used (Digital ZONE4 switching)
	EXP12	(DZ4B)	Not used (Digital ZONE4 switching)
	EXP13	(DZ4C)	Not used (Digital ZONE4 switching)
	EXP14	(DZ4INH)	Not used (Digital ZONE4 switching)
	EXP15	DZ2 INH	Not used (Digital ZONE2/REC INH control pin)
	EXP16	NC	
DI: IC954	EXP17	(WP1)	WRITE PROTECT pin for HDMI IN1 EDIT (24LC02)
	EXP18	(WP2)	WRITE PROTECT pin for HDMI IN2 EDIT (24LC02)
	EXP19	(WP3)	WRITE PROTECT pin for HDMI IN3 EDIT (24LC02)
	EXP20	(WP4)	WRITE PROTECT pin for HDMI IN4 EDIT (24LC02)
	EXP21	HPD1	HDMI IN1 pin, HP DET control pin
	EXP22	HPD2	HDMI IN2 pin, HP DET control pin
	EXP23	HPD3	HDMI IN3 pin, HP DET control pin
	EXP24	HPD4	HDMI IN4 pin, HP DET control pin
AV: IC505	EXP25	VCR1 INH	RECOUT image output switching (VCR1 INH selection)
	EXP26	VCR2 INH	RECOUT image output switching (VCR2 INH selection)
	EXP27	VINA	Image output switching (INPUT selection)
	EXP28	VINB	Image output switching (INPUT selection)
	EXP29	VINC	Image output switching (INPUT selection)
	EXP30	VZ2A	ZONE2 image output switching (INPUT selection)
	EXP31	VZ2B	ZONE2 image output switching (INPUT selection)
	EXP32	VZ2C	ZONE2 image output switching (INPUT selection)
AV: IC506	EXP33	Z1 SMONIA	S MONITOR OUT image output switching
	EXP34	Z1 SMONIB	S MONITOR OUT image output switching
	EXP35	Z1 VMONIA	COMPOSITE MONITOR OUT image output switching
	EXP36	Z1 VMONIB	COMPOSITE MONITOR OUT image output switching
	EXP37	OSD MUTE	Not used (AVR-2808only)
	EXP38	OSDV/Y	Not used (AVR-2808only)
	EXP39	ENCOINSEL	Not used (AVR-2808only)
	EXP40	UPCONV RL	COMPONENT through /CONVERT route switching

Parts Name	Pin Name	Symbol	Function
AV: IC508	EXP41	Z2 MONIDIS	ZONE2 COMPONENT MONITOR image output DISABLE pin
	EXP42	Z2 MONIA	ZONE2 MONITOR OUT image output switching
	EXP43	Z2 MONIB	ZONE2 MONITOR OUT image output switching
	EXP44	Z2 OSDSEL	ZONE2 OSD indication switching
	EXP45	P.SAVE	COMPONENT → CONVERTroute DISABLE pin
	EXP46	MONI DIS	COMPONENT MONITOR image output DISABLE pin
	EXP47	VZ1INH	Image input switching (Z1 INPUT INH selection)
	EXP48	VZ2INH	ZONE2 image input switching (Z2 INPUT INH selection)
AV: IC511 (JP model only)	EXP49	ASPECT_H	ASPECT ratio level control (JP model only)
	EXP50	ASPECT_L	ASPECT ratio level control (JP model only)
	EXP51	LINEA	D pin LINE control pin (JP model only)
	EXP52	LINEB	D pin LINE control pin (JP model only)
	EXP53	INH_LINE	D pin LINE control pin (JP model only)
	EXP54	NC	NC
	EXP55	NC	NC
	EXP56	NC	NC

**BR24L02F-WE2 (DI: IC551)****Block diagram****Pin configuration****Pin name**

Pin name	I / O	Function
Vcc		Power supply
GND		Ground (0V)
A0, A1, A2	IN	Slave address set
SCL	IN	Serial clock input
SDA	IN / OUT	Slave and word address, serial data input, serial data output <sup>1</sup>
WP	IN	Write protect input

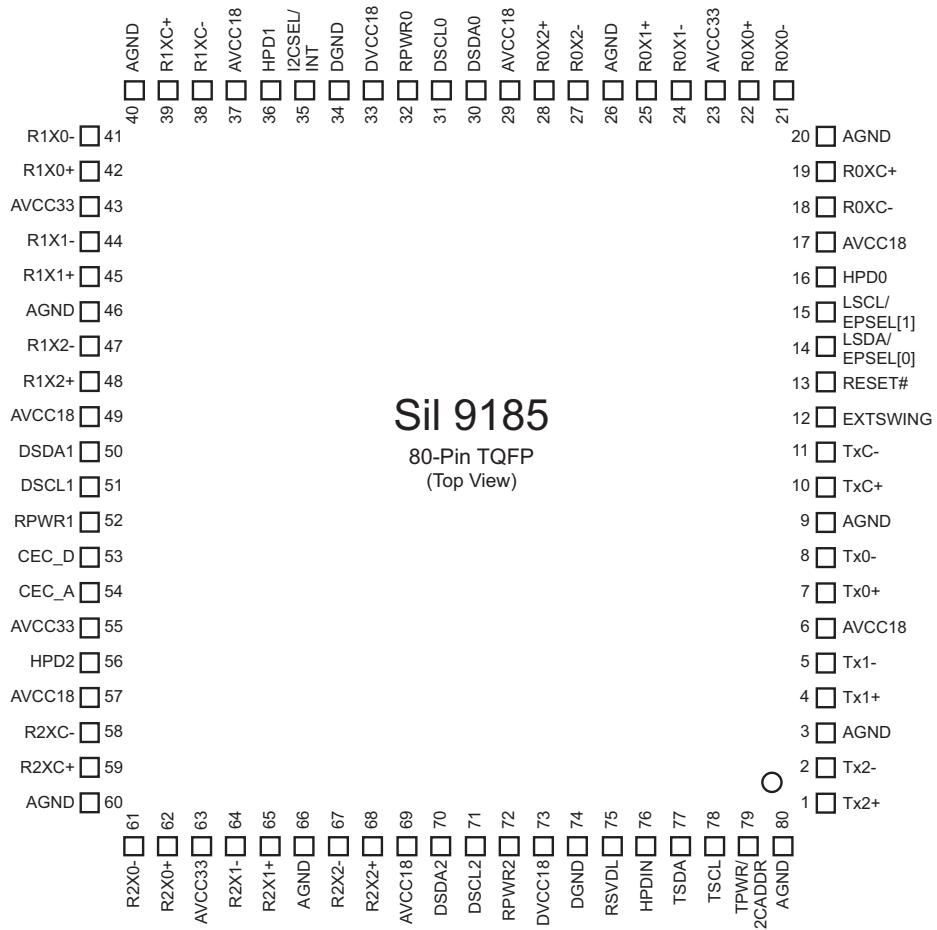
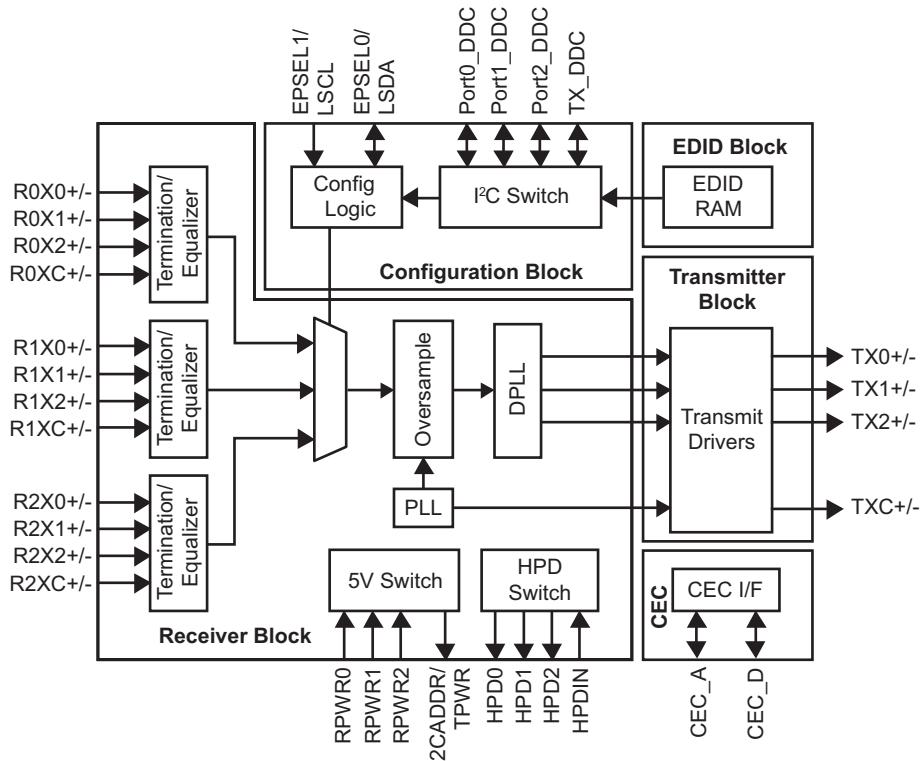
1 An open drain output requires a pull-up resistor.

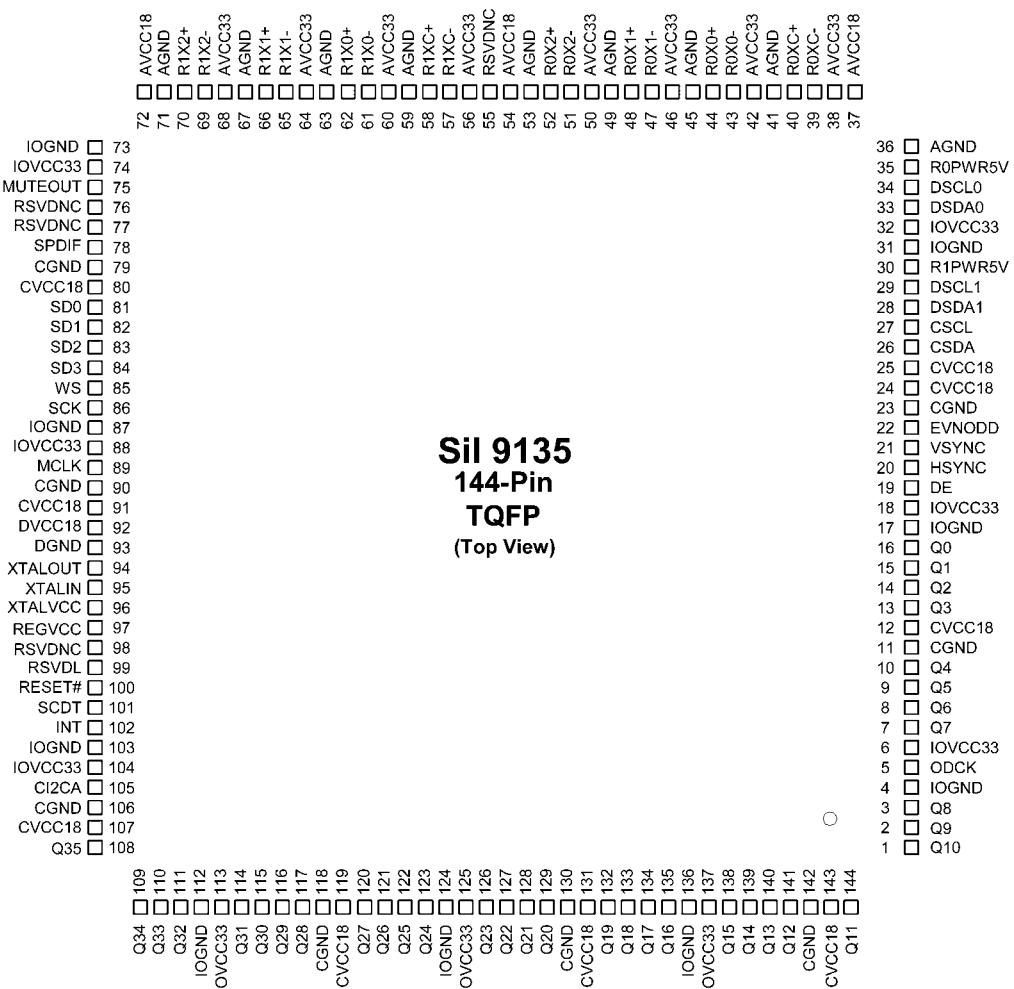
**ADSP-21366SKBCZ (DI: IC201)**

TOP VIEW

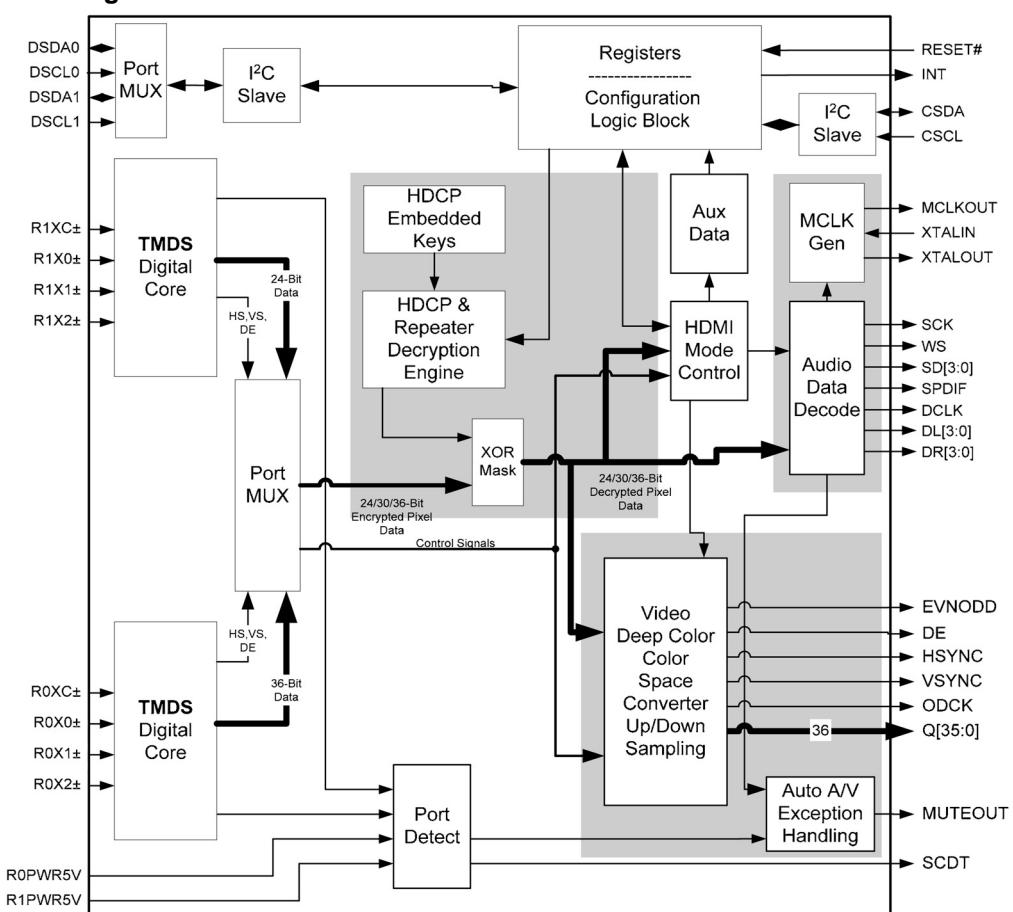
BOTTOM VIEW

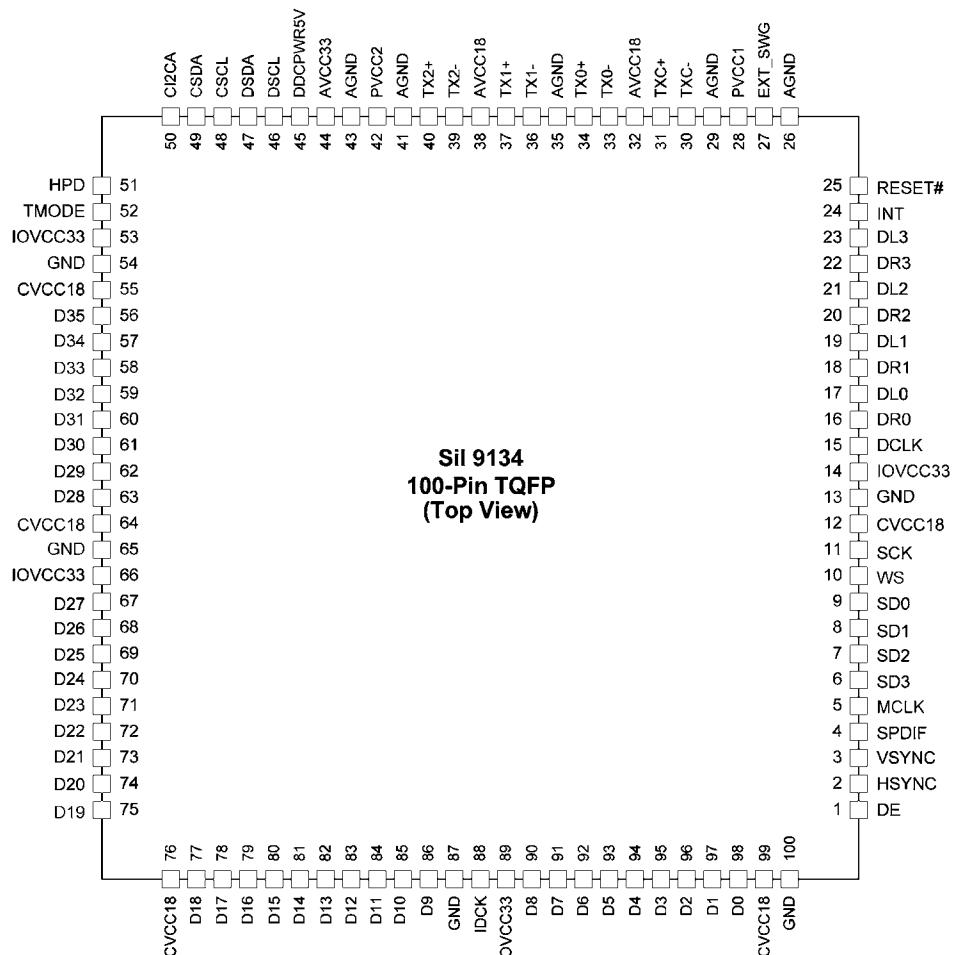
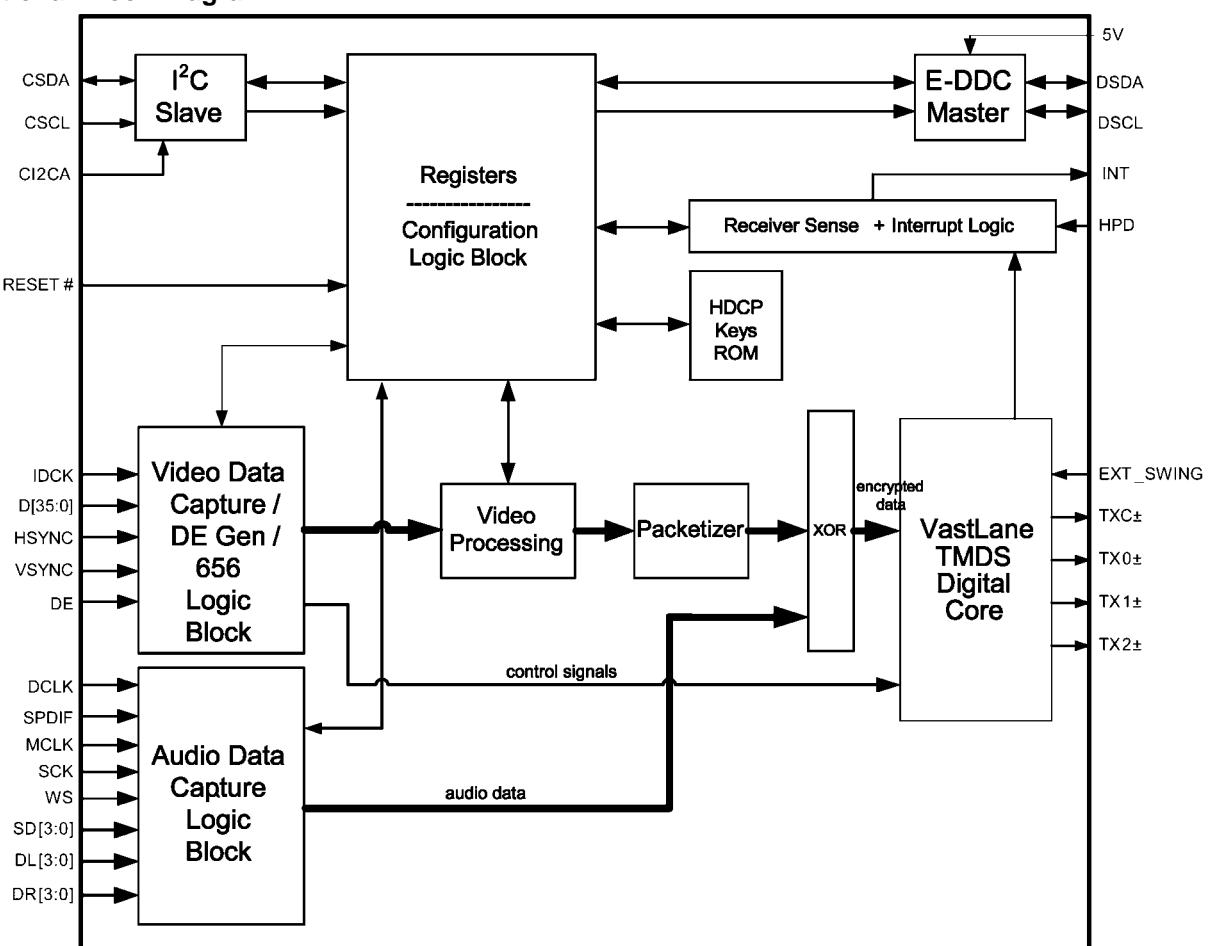
<b>Pin Name</b>	<b>LQFP Pin No.</b>						
V <sub>DDINT</sub>	1	V <sub>DDINT</sub>	37	V <sub>DDEXT</sub>	73	GND	109
CLKCFG0	2	GND	38	GND	74	V <sub>DDINT</sub>	110
CLKCFG1	3	RD	39	V <sub>DDINT</sub>	75	GND	111
BOOTCFG0	4	ALE	40	GND	76	V <sub>DDINT</sub>	112
BOOTCFG1	5	AD15	41	DAI_P10 (SD2B)	77	GND	113
GND	6	AD14	42	DAI_P11 (SD3A)	78	V <sub>DDINT</sub>	114
V <sub>DDEXT</sub>	7	AD13	43	DAI_P12 (SD3B)	79	GND	115
GND	8	GND	44	DAI_P13 (SCLK23)	80	V <sub>DDEXT</sub>	116
V <sub>DDINT</sub>	9	V <sub>DDEXT</sub>	45	DAI_P14 (SFS23)	81	GND	117
GND	10	AD12	46	DAI_P15 (SD4A)	82	V <sub>DDINT</sub>	118
V <sub>DDINT</sub>	11	V <sub>DDINT</sub>	47	V <sub>DDINT</sub>	83	GND	119
GND	12	GND	48	GND	84	V <sub>DDINT</sub>	120
V <sub>DDINT</sub>	13	AD11	49	GND	85	RESET	121
GND	14	AD10	50	DAI_P16 (SD4B)	86	SPIDS	122
FLAG0	15	AD9	51	DAI_P17 (SD5A)	87	GND	123
FLAG1	16	AD8	52	DAI_P18 (SD5B)	88	V <sub>DDINT</sub>	124
AD7	17	DAI_P1 (SD0A)	53	DAI_P19 (SCLK45)	89	SPICLK	125
GND	18	V <sub>DDINT</sub>	54	V <sub>DDINT</sub>	90	MISO	126
V <sub>DDINT</sub>	19	GND	55	GND	91	MOSI	127
GND	20	DAI_P2 (SD0B)	56	GND	92	GND	128
V <sub>DDEXT</sub>	21	DAI_P3 (SCLK0)	57	V <sub>DDEXT</sub>	93	V <sub>DDINT</sub>	129
GND	22	GND	58	DAI_P20 (SFS45)	94	V <sub>DDEXT</sub>	130
V <sub>DDINT</sub>	23	V <sub>DDEXT</sub>	59	GND	95	A <sub>VDD</sub>	131
AD6	24	V <sub>DDINT</sub>	60	V <sub>DDINT</sub>	96	A <sub>VSS</sub>	132
AD5	25	GND	61	FLAG2	97	GND	133
AD4	26	DAI_P4 (SFS0)	62	FLAG3	98	CLKOUT	134
V <sub>DDINT</sub>	27	DAI_P5 (SD1A)	63	V <sub>DDINT</sub>	99	EMU	135
GND	28	DAI_P6 (SD1B)	64	GND	100	TDO	136
AD3	29	DAI_P7 (SCLK1)	65	V <sub>DDINT</sub>	101	TDI	137
AD2	30	V <sub>DDINT</sub>	66	GND	102	TRST	138
V <sub>DDEXT</sub>	31	GND	67	V <sub>DDINT</sub>	103	TCK	139
GND	32	V <sub>DDINT</sub>	68	GND	104	TMS	140
AD1	33	GND	69	V <sub>DDINT</sub>	105	GND	141
AD0	34	DAI_P8 (SFS1)	70	GND	106	CLKIN	142
WR	35	DAI_P9 (SD2A)	71	V <sub>DDINT</sub>	107	XTAL	143
V <sub>DDINT</sub>	36	V <sub>DDINT</sub>	72	V <sub>DDINT</sub>	108	V <sub>DDEXT</sub>	144

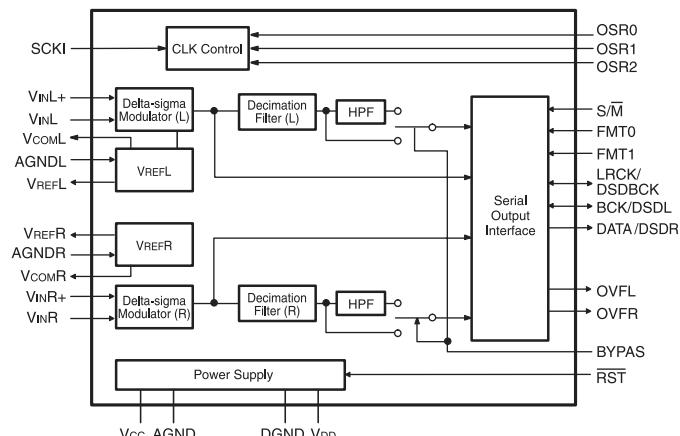
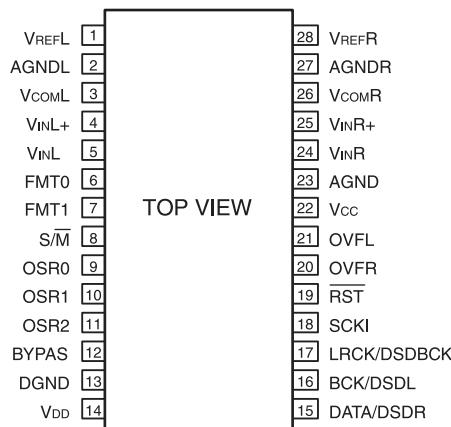
**Sil9185CTU (DI : IC510)****Functional Block Diagram**

**Sil9135CTU (DI : IC554)**

**Sil 9135**  
144-Pin  
TQFP  
(Top View)

**Functional Block Diagram**

**Sil9134CTU (DI : IC702)****Functional Block Diagram**

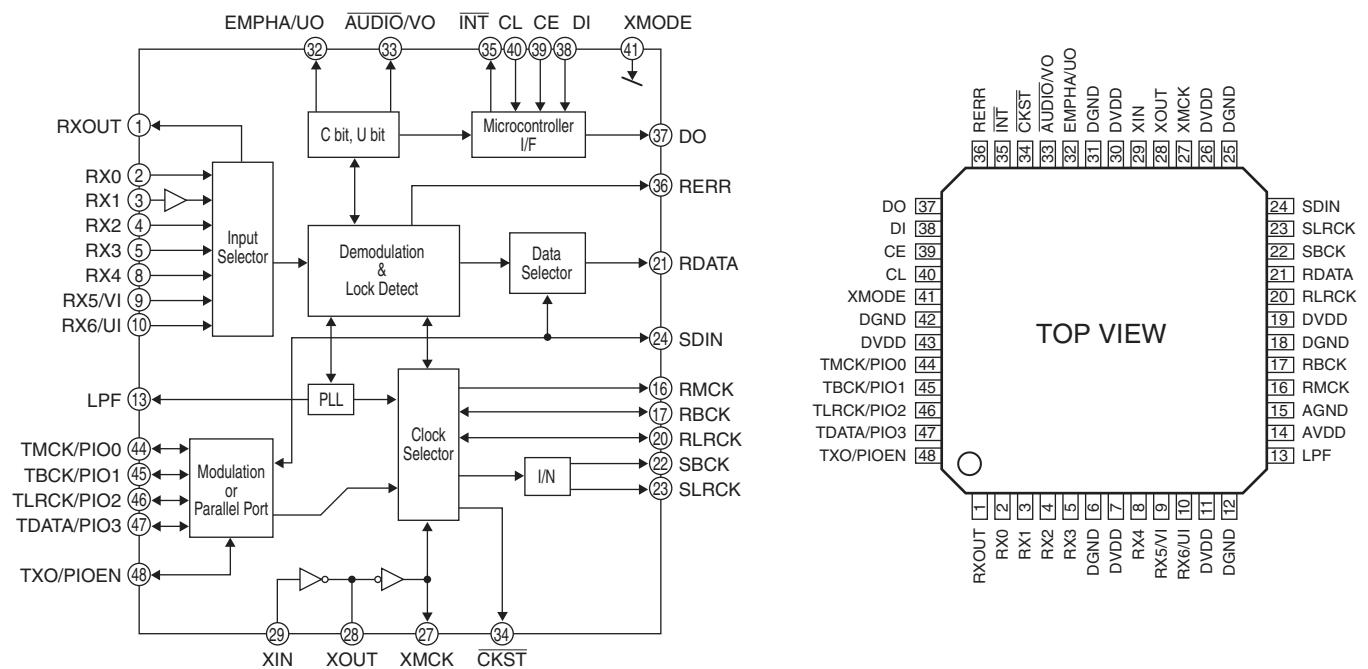
**PCM1804 (DI: IC301)****PCM1804 Terminal Function**

Pin No.	Pin Name	I/O	Function
1	VREFL		L-channel voltage reference output, requires capacitors for decoupling to AGND.
2	AGNDL		Analog ground for VREFL.
3	VCOML		L-channel analog common mode output.
4	VINL+	I	L-channel analog input, positive pin.
5	VINL	I	L-channel analog input, negative pin.
6	FMT0	I	Audio data format 0. See TABLE V. *
7	FMT1	I	Audio data format 1. See TABLE V. *
8	S/M	I	Master/slave mode selection. See TABLE IV. *
9	OSR0	I	Oversampling ratio 0. See TABLE I. TABLE II. *
10	OSR1	I	Oversampling ratio 1. See TABLE I. TABLE II. *
11	OSR2	I	Oversampling ratio 2. See TABLE I. TABLE II. *
12	BYPAS	I	HPF bypass control. HIGH: HPF disable, LOW: HPF enable. ***
13	DGND		Digital ground.
14	VDD		Digital power supply.
15	DATA/DSDR	O	L-channel and R-channel audio data output in PCM mode. R-channel Audio data output in DSD mode.(DSD output, when DSD mode)
16	BCK/DSDL	I/O	Bit clock input/output in PCM mode. L-channel audio data output in DSD mode. ***
17	LRCK/DSDBCK	I/O	Sampling clock input/output in PCM and DSD mode. ***
18	SCKI	I	System clock input; 128fs, 256fs, 384fs, 512fs or 768fs. **
19	RST	I	Reset, power down input, active LOW. *
20	OVFR	O	Overflow signal of R-channel in PCM mode. This is available in PCM mode only.
21	OVFL	O	Overflow signal of L-channel in PCM mode. This is available in PCM mode only.
22	VCC		Analog power supply.
23	AGND		Analog ground.
24	VINR	I	R-channel analog input, negative pin.
25	VINR+	I	R-channel analog input, positive pin.
26	VCOMR		R-channel analog common mode output.
27	AGNDR		Analog ground for VREFR.
28	VREFR		R-channel voltage reference output, requires capacitors for decoupling to AGND.

\* Schmitt trigger input with internal pull-down (51kohm typically), 5V tolerant.

\*\* Schmitt trigger input, 5V tolerant.

\*\*\* Schmitt trigger input.

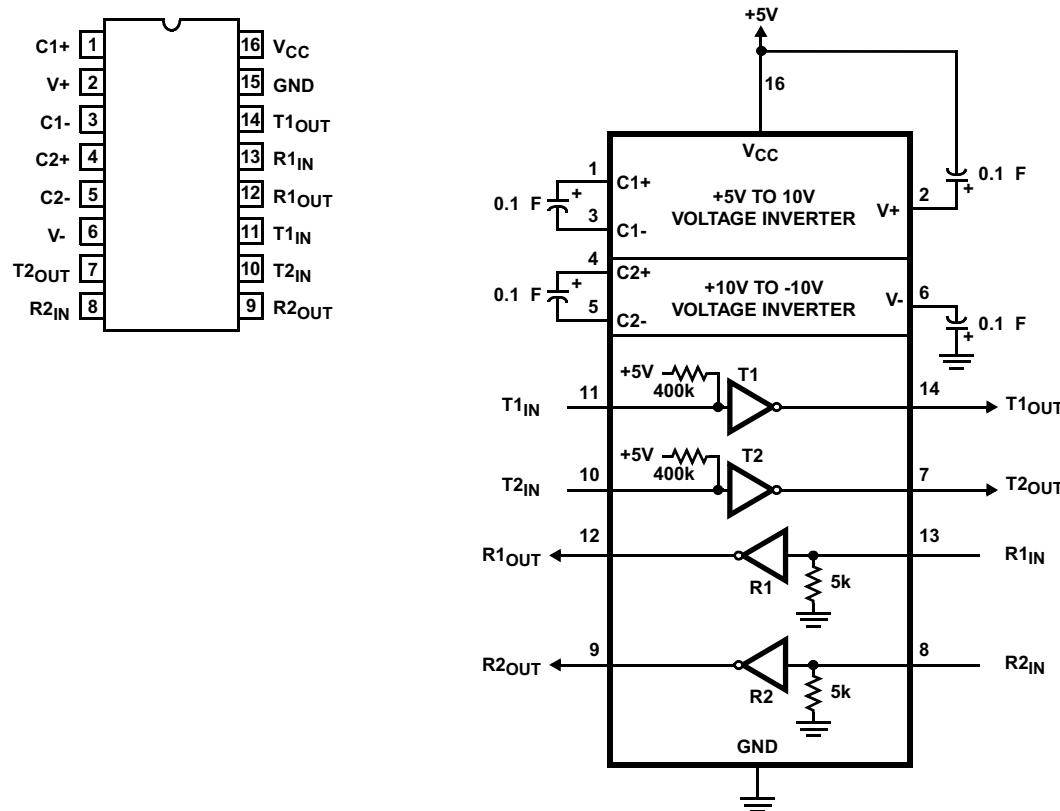
**LC89057W-VF4A (DI: IC101, 102, 103)****LC89057W Terminal Function**

Pin No.	Pin Name	I/O	Function
1	RXOUT	O	Input bi-phase select data output terminal
2	RX0	I	TTL compatible digital data input terminal
3	RX1	I	Coaxial compatible amp built-in digital data input terminal
4	RX2	I	TTL compatible digital data input terminal
5	RX3	I	TTL compatible digital data input terminal
6	DGND	—	Digital GND
7	DVDD	—	Digital power
8	RX4	I	TTL compatible digital data input terminal
9	RX5/VI	I	TTL compatible digital data/Validity flag input terminal for modulation
10	RX6/UI	I	TTL compatible digital data/User data input terminal for modulation
11	DVDD	—	Digital power for PLL
12	DGND	—	Digital GND for PLL
13	LPF	O	PLL loop filter connecting terminal
14	AVDD	—	Analog power for PLL
15	AGND	—	Analog GND for PLL
16	RMCK	O	RMCK clock output terminal (256fs, 512fs, XIN, VCO)
17	RBCK	O/I	RBCK clock in/output terminal (64fs)
18	DGND	—	Digital GND
19	DVDD	—	Digital power
20	RLRCK	O/I	RLRCK clock in/output terminal (fs)
21	RDATA	O	Serial audio data output terminal
22	SBCK	O	SBCK clock output terminal (32fs, 64fs, 128fs)
23	SLRCK	O	SLRCK clock output terminal (fs/2, fs, 2fs)
24	SDIN	I	Serial audio data input terminal
25	DGND	—	Digital GND
26	DVDD	—	Digital power
27	XMCK	O	Osc. amp output terminal

Pin No.	Pin Name	I/O	Function
28	XOUT	O	Xtal osc. connecting output terminal
29	XIN	I	Xtal osc. connection, external clock input terminal (24.576MHz or 12.288MHz)
30	DVDD	"	Digital power
31	DGND	"	Digital GND
32	EMPHA/UO	I/O	Emphasis information/U-data output/Chip address setting terminal
33	AUDIO/VO	I/O	Non-PCM detect/V-flag output/ Chip address setting terminal
34	CKST	I/O	Clock switch transition period output/Demodulation master or slave function switching terminal
35	INT	I/O	Interrupt output for $\sim$ com (Interrupt factor selectable)/Modulation or general I/O switching terminal
36	RERR	O	PLL lock error, data error flag output
37	DO	O	$\sim$ com I/F, read out data output terminal (3-state)
38	DI	I	$\sim$ com I/F, write data input terminal
39	CE	I	$\sim$ com I/F, chip enable input terminal
40	CL	I	$\sim$ com I/F, clock input terminal
41	XMODE	I	System reset input terminal
42	DGND	"	Digital GND
43	DVDD	"	Digital power
44	TMCK/PIO0	I/O	256fs system clock input for modulation/General I/O in/output terminal
45	TBCK/PIO1	I/O	64fs bit clock input for modulation/General I/O in/output terminal
46	TLRCK/PIO2	I/O	fs clock input for modulation/General I/O in/output terminal
47	TDATA/PIO3	I/O	Serial audio data input for modulation/General I/O in/output terminal
48	TXO/PIOEN	O/I	Modulation data output/ General I/O enable input terminal

\* For latch-up countermeasure, perform each power supply ON/OFF in the same timing.

## HIN202EIBNZ-T (AV: IC902)

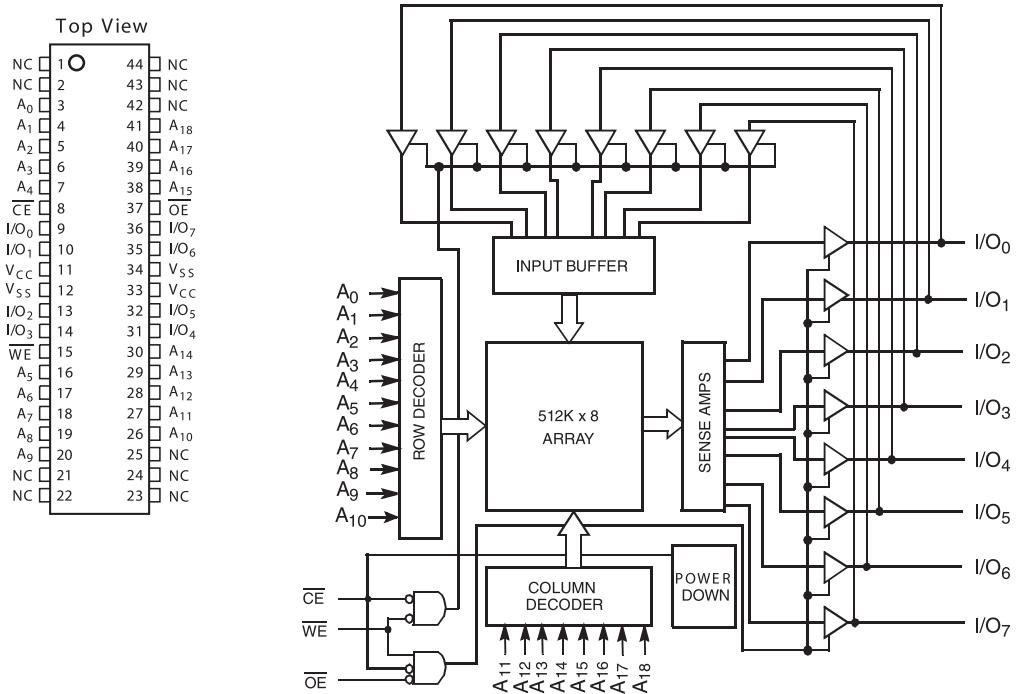
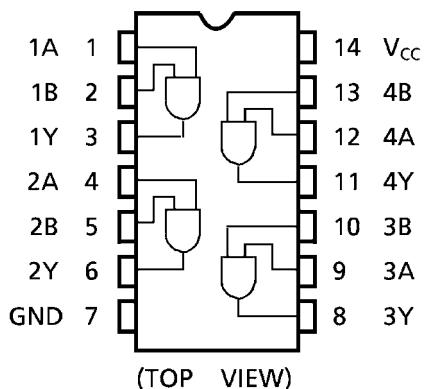


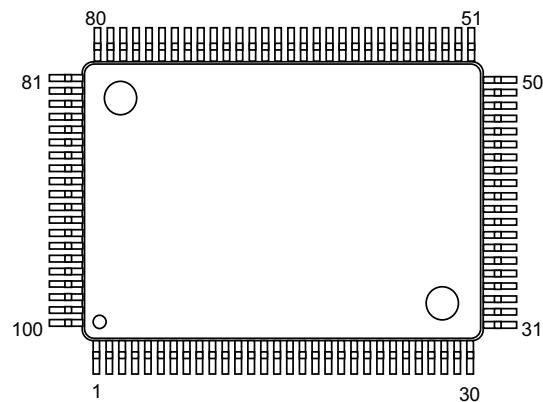
**PCM1791ADBR (DI: IC302, 303, 304, 305)****PCM1791 Terminal Function**

Pin No.	Pin Name	I/O	DESCRIPTIONS
1	LRCK	I	Left and right clock ( $f_s$ ) input for normal operation. WDCK clock input in external DF mode. Connected to GND in DSD mode*
2	BCK	I	Bit clock input. Connected GND for DSD mode*
3	DATA	I	Serial audio data input for normal operation. L-channel audio data input for external DF and DSD modes*
4	MUTE	I	Analog output mute control for normal operation. R-channel audio data input for external DF and DSD modes*
5	SCKI	I	System Clock Input. BCK (64fs) clock input for DSD mode*
6	RST	I	Reset*
7	V <sub>DD</sub>	"	Digital power supply, +3.3 V
8	DGND	"	Digital ground
9	AGNDF	"	Analog ground (DACFF)
10	V <sub>ccR</sub>	"	Analog power supply (R-channel DAC), +5.0 V
11	AGNDR	"	Analog ground (R-channel DAC)
12	V <sub>OUTR-</sub>	O	R-channel analog voltage output-
13	V <sub>OUTR+</sub>	O	R-channel analog voltage output+
14	V <sub>COM</sub>	"	Internal bias de-coupling pin
15	V <sub>ccC</sub>	"	Analog power supply (internal bias), +5.0 V
16	AGNDC	"	Analog ground (internal bias)
17	V <sub>OUTL+</sub>	O	L-channel analog voltage output+
18	V <sub>OUTL-</sub>	O	L-channel analog voltage output-
19	AGNDL	"	Analog ground (L-channel DAC)
20	V <sub>ccL</sub>	"	Analog power supply (L-channel DAC), +5.0 V
21	V <sub>ccF</sub>	"	Analog power supply (DACFF), +5.0 V
22	ZEROR	O	Zero flag for R-channel
23	ZEROL	O	Zero flag for L-channel
24	RSV	"	Reserved pin. It must be open.
25	MDO	O	Serial data output for function control register**
26	MDI	I	Serial data input for function control register*
27	MC	I	Shift clock for function control register*
28	MS	I	Mode control chip select and latch signal*

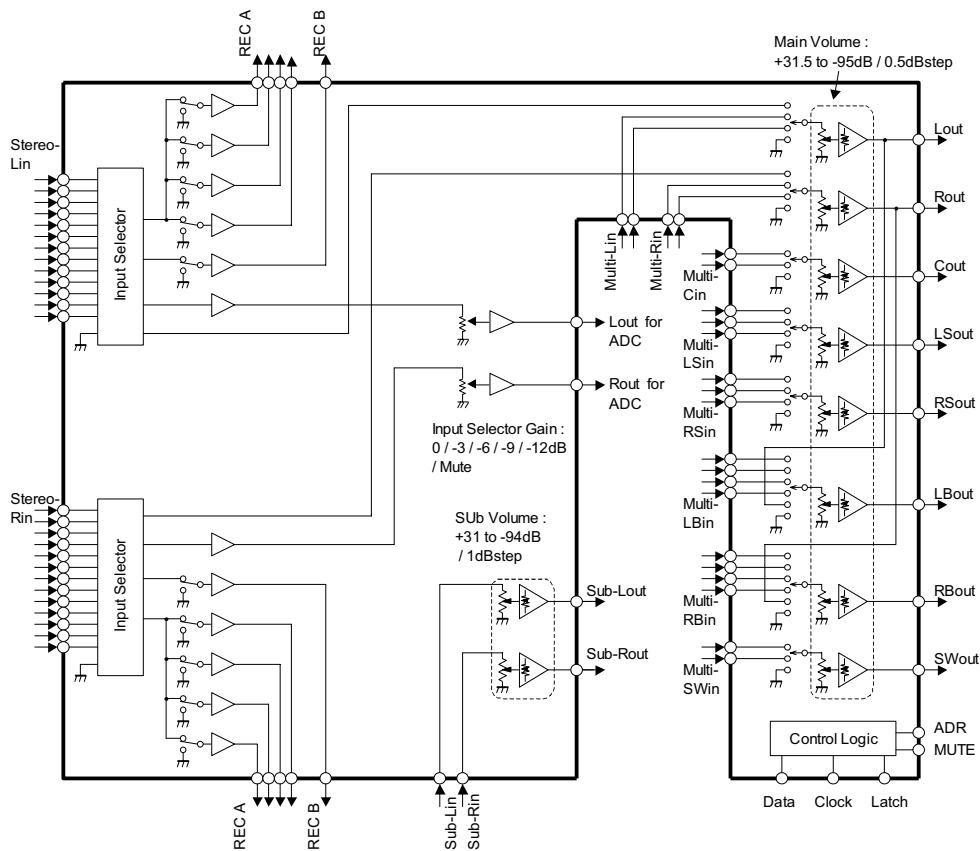
\* Schmitt trigger input, 5V tolerant.

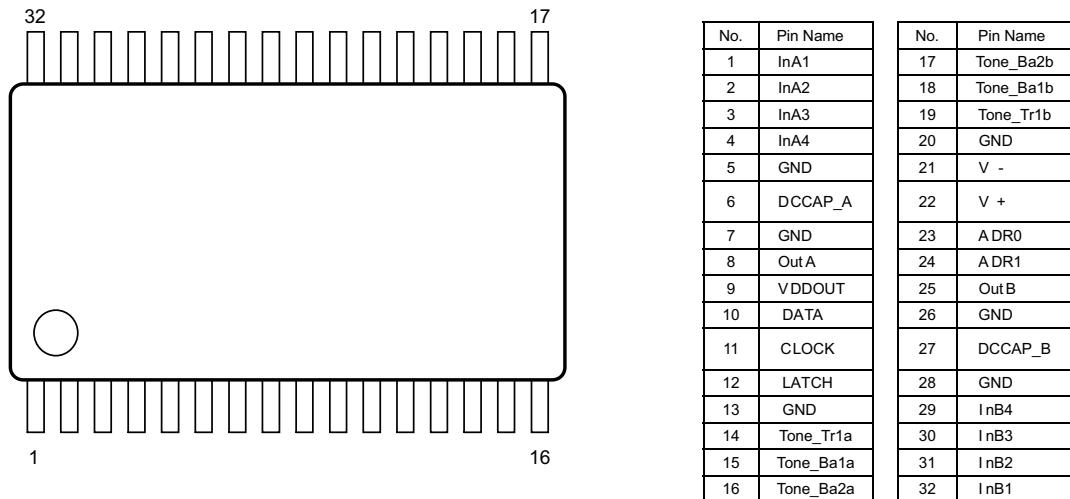
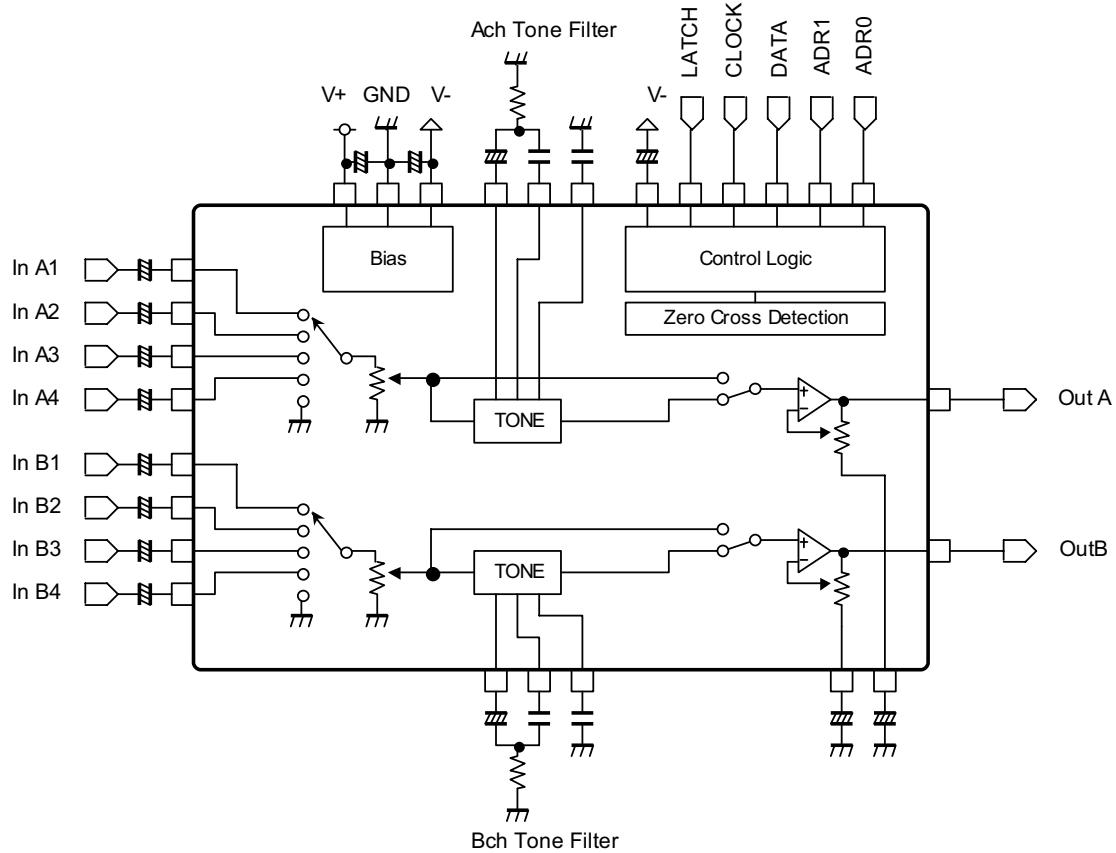
\*\* Tristate output.

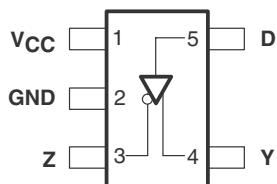
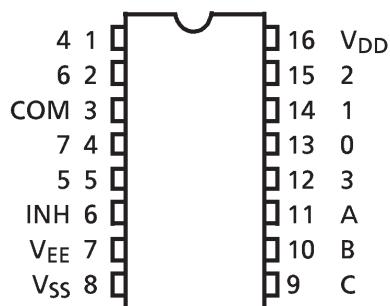
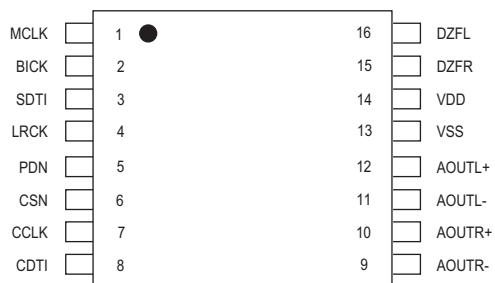
**CY7C1049CV33-10ZC (DI: IC207)****TC74VHCT08AFT (DI: IC955,956)(PA: IC801)(AC: IC801,802)**

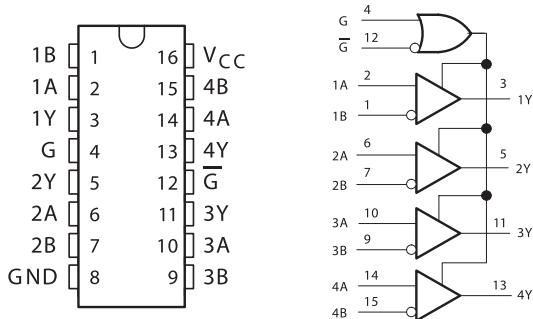
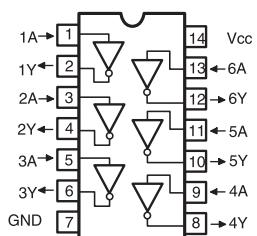
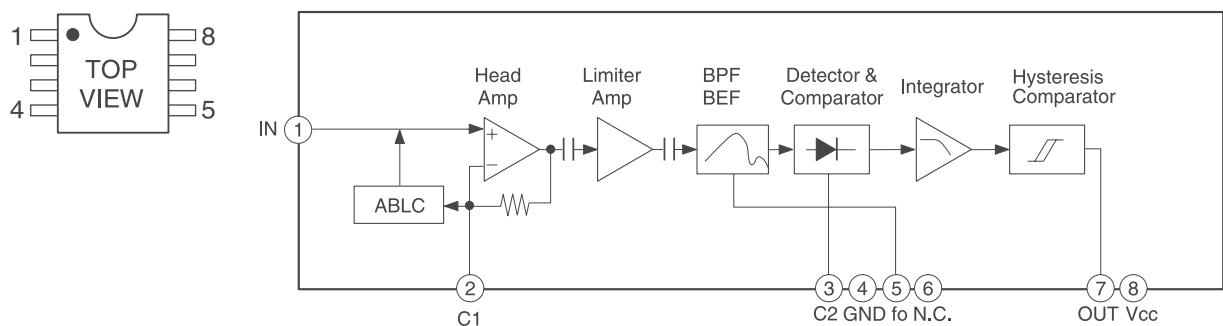
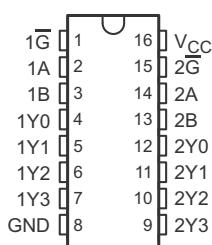
**APPA300 (AC : IC301)**

No.	Pin Name	No.	Pin Name
1	R10IN	51	R10IN
2	COUT	52	L13IN
3	LS OUT	53	L11IN
4	RS OUT	54	R13IN
5	LB OUT	55	R11IN
6	RB OUT	56	GND
7	S WOUT	57	REC_B1R
8	SUB_LOUT	58	REC_B1L
9	SUB_ROUT	59	REC_A4R
10	SUB_LIN	60	REC_A4L
11	SUB_RIN	61	REC_A3R
12	V +	62	REC_A3L
13	L1IN	63	REC_A2R
14	V -	64	REC_A2L
15	R1IN	65	REC_A1R
16	ADR	66	REC_A1L
17	L2IN	67	VDDOUT
18	DCCAP_L	68	DATA
19	R2IN	69	CLOCK
20	DCCAP_R	70	LATCH
21	L3IN	71	MUTE
22	DCCAP_C	72	ROUT_ADC
23	R3IN	73	LOUT_ADC
24	DCCAP_LS	74	GND
25	L4IN	75	LBDIN
26	DCCAP_RS	76	RBDIN
27	R4IN	77	LSCIN
28	DCCAP_LB	78	RSCIN
29	L5IN	79	LBCIN
30	DCCAP_RB	80	RBCIN
31	R5IN	81	GND
32	DCCAP_SW	82	LAIN
33	L6IN	83	RAIN
34	DCCAP_SUBL	84	CAIN
35	R6IN	85	LSAIN
36	DCCAP_SUBR	86	RSAIN
37	L7IN	87	LBAIN
38	GND	88	RBAIN
39	R7IN	89	SWAIN
40	GND	90	GND
41	L8IN	91	LBIN
42	GND	92	RBIN
43	R8IN	93	CBIN
44	GND	94	LSBIN
45	L9IN	95	RSBIN
46	GND	96	LBBIN
47	R9IN	97	RRBIN
48	L12IN	98	SWBIN
49	L10IN	99	GND
50	R12IN	100	LOUT

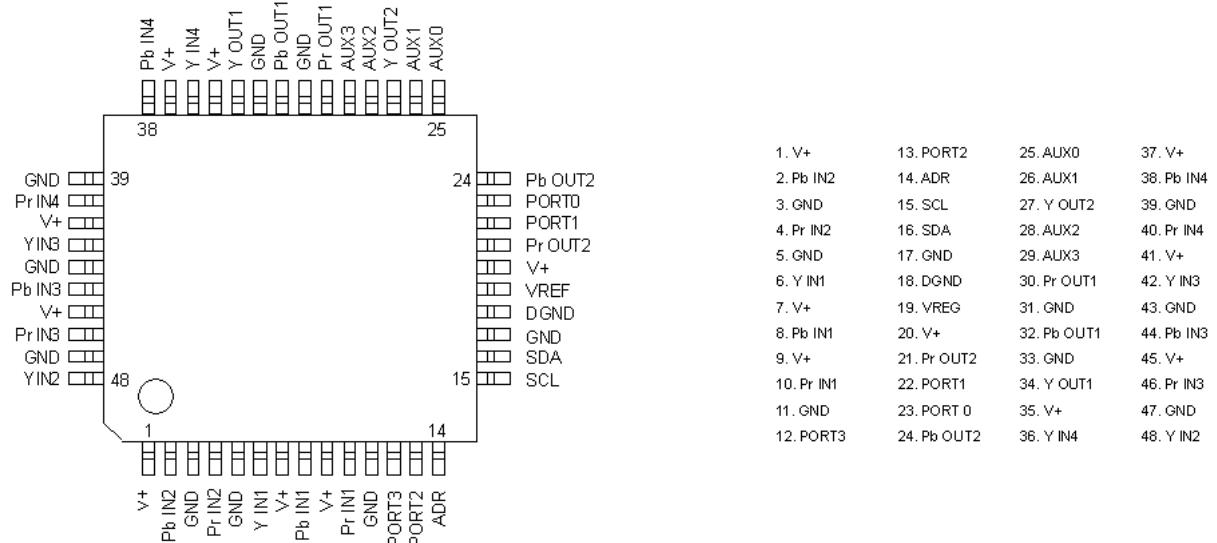
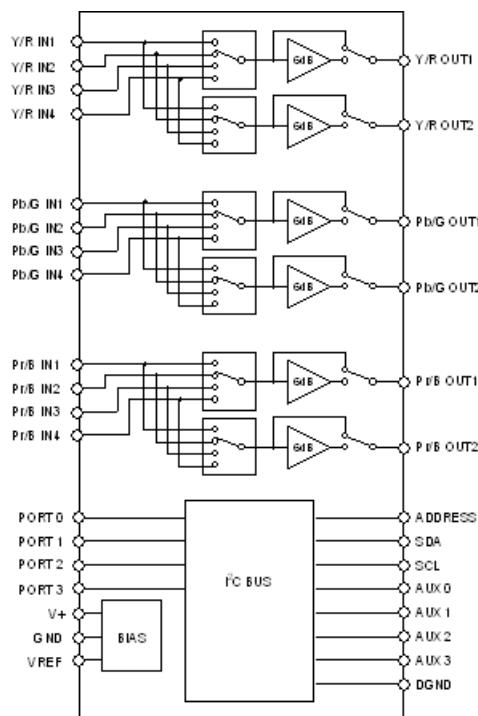
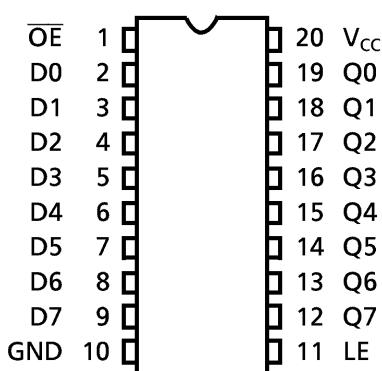
**Block Diagram**

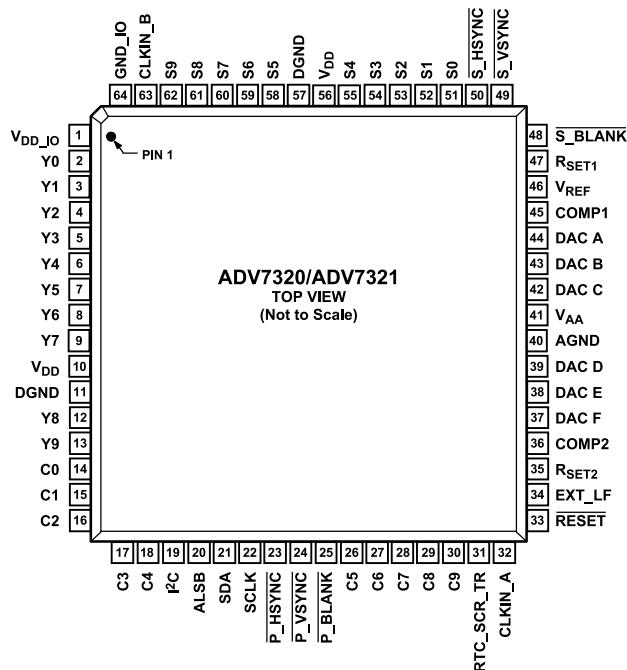
**NJW1194V (AC : IC302,303)****Block Diagram**

**SN65LVDS1DBVR (DI: IC108)****TC4051BFT (AV: IC411,412,417,418,420,421)****TC4052BFT (AV: IC415,416,419)****TC4053BFT (AV: IC413,414,512)****AK4385ET (DI: IC351, 352)**

**SN65LVDS32PW (DI: IC107)****TC74VHCU04F (AV: IC806,807)****CXA1511M (PA: IC802)****SN74LVC139APWR (DI: IC203)**

FUNCTION TABLE (each decoder/demultiplexer)								
		INPUTS		OUTPUTS				
$\bar{G}$	SELECT		B	A	Y <sub>3</sub>	Y <sub>2</sub>	Y <sub>1</sub>	Y <sub>0</sub>
	L	L			H	H	H	L
L	L	H	L	H	H	H	L	H
L	H	L	H	L	H	L	H	H
L	H	H	L	H	L	H	H	H
H	X	X	H	H	H	H	H	H

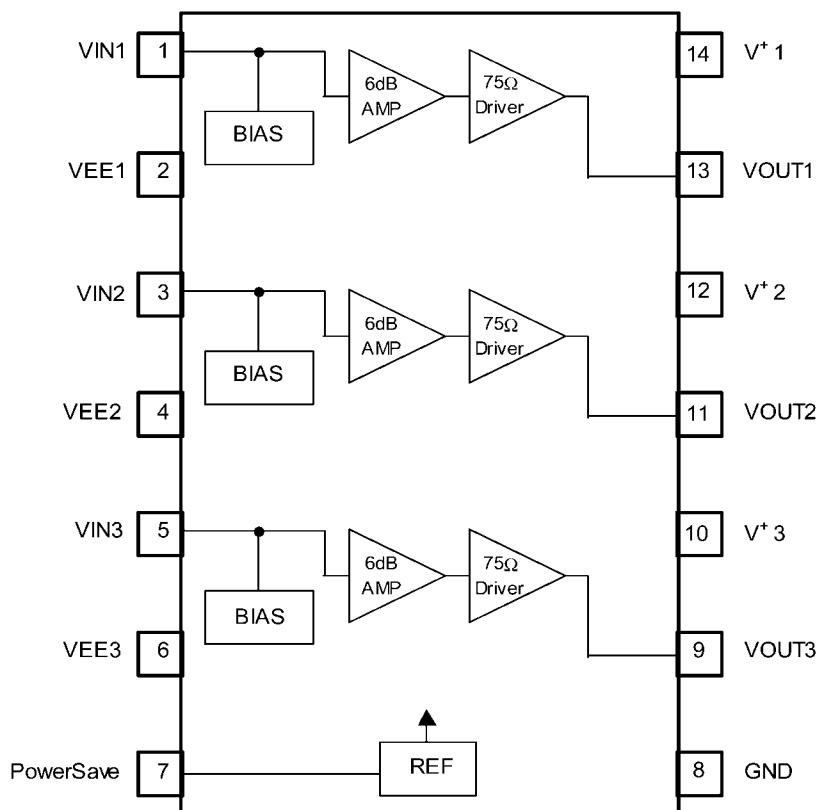
**NJW1321FP1 (AV: IC601)****TC74VHC573FT (DI: IC204,205)**

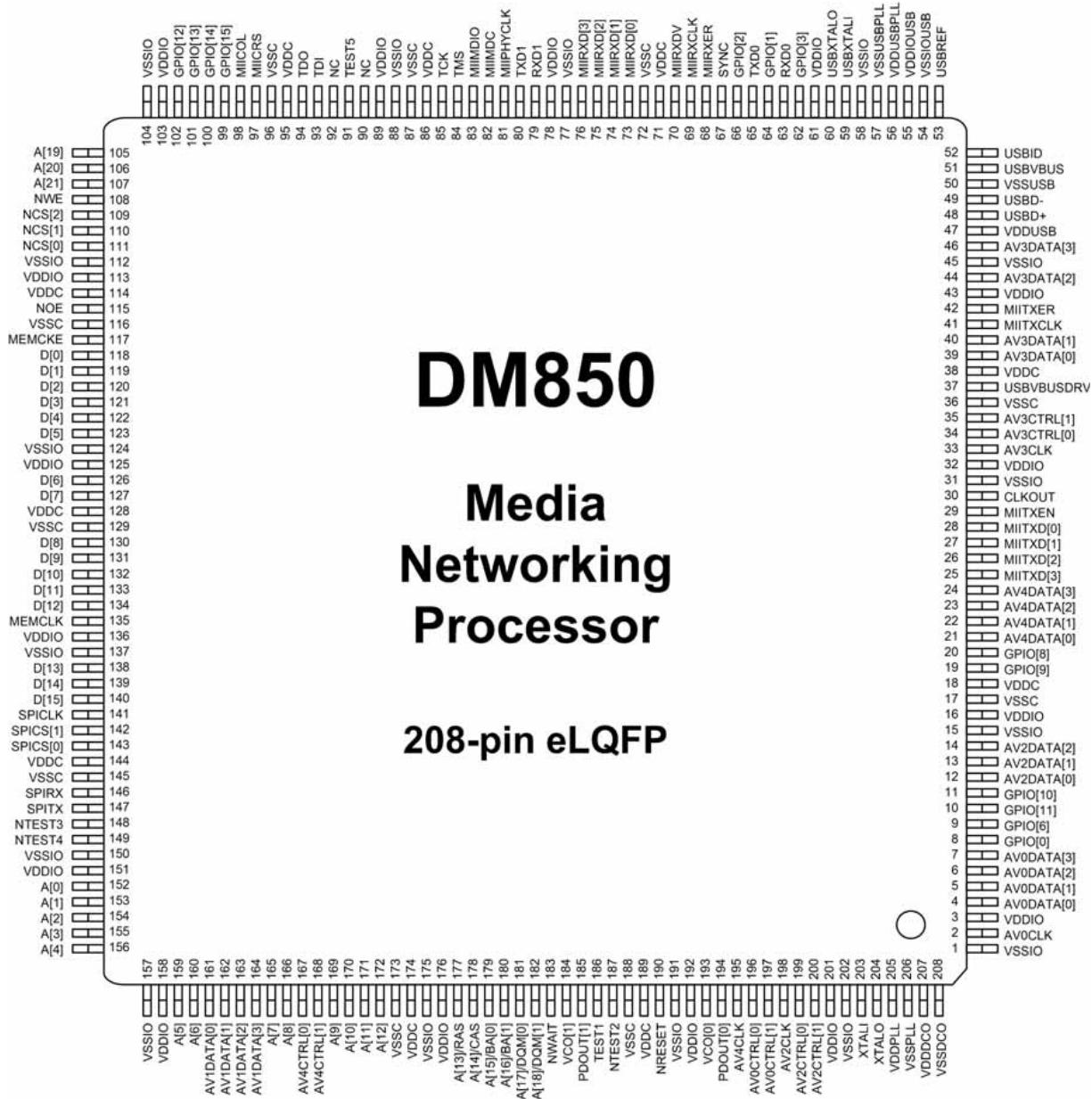
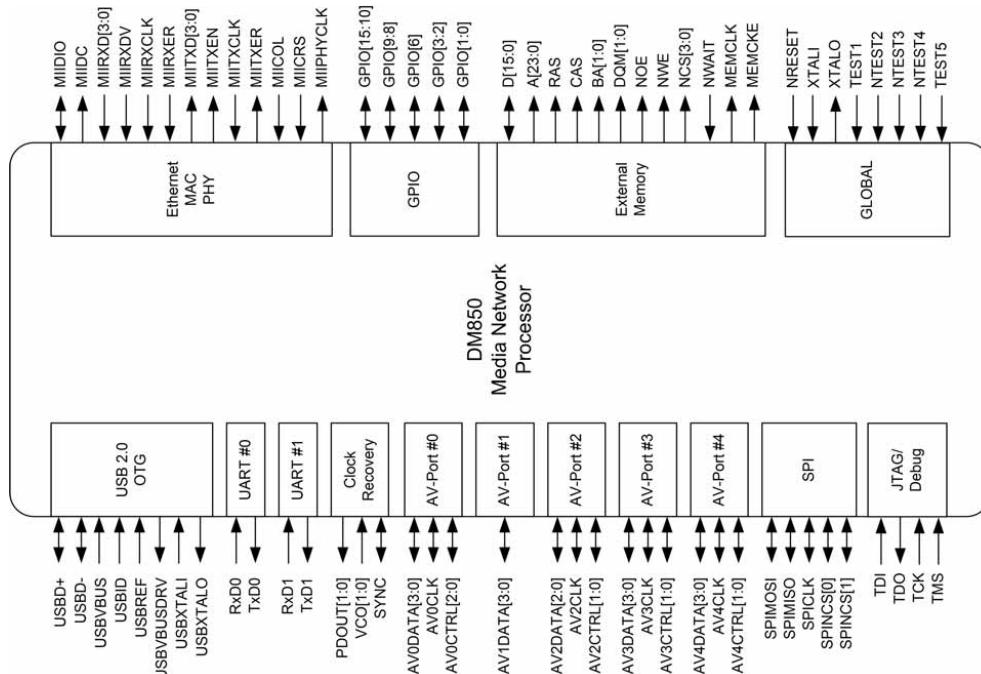
**ADV7320 (DI: IC807)****Table 6. Pin Function Descriptions**

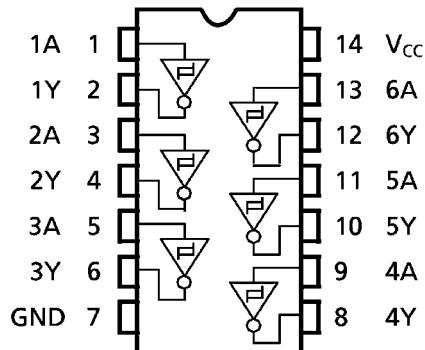
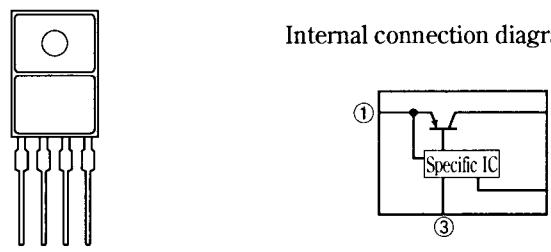
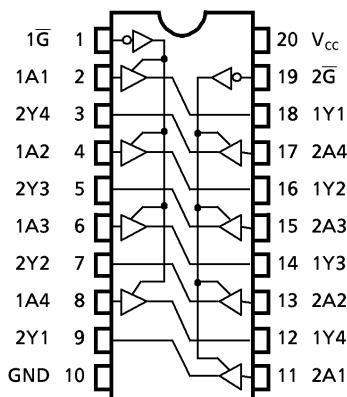
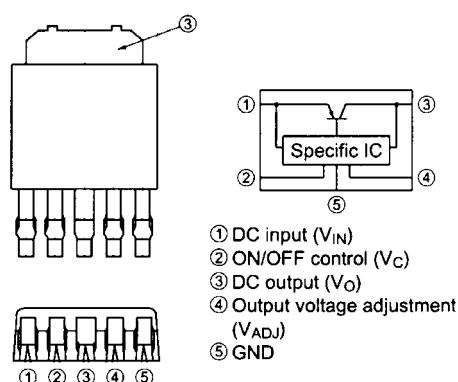
Pin No.	Mnemonic	Input/Output	Description
11, 57	DGND	G	Digital Ground.
40	AGND	G	Analog Ground.
32	CLKIN_A	I	Pixel Clock Input for HD (74.25 MHz Only, PS Only (27 MHz), SD Only (27 MHz).
63	CLKIN_B	I	Pixel Clock Input. Requires a 27 MHz reference clock for progressive scan mode or a 74.25 MHz (74.1758 MHz) reference clock in HDTV mode. This clock is only used in dual modes.
45, 36	COMP1, COMP2	O	Compensation Pin for DACs. Connect 0.1 $\mu$ F capacitor from COMP pin to VAA.
44	DAC A	O	CVBS/Green/Y/Y Analog Output.
43	DAC B	O	Chroma/Blue/U/Pb Analog Output.
42	DAC C	O	Luma/Red/V/Pr Analog Output.
39	DAC D	O	In SD Only Mode: CVBS/Green/Y Analog Output; in HD Only Mode and Simultaneous HD/SD Mode: Y/Green [HD] Analog Output.
38	DAC E	O	In SD Only Mode: Luma/Blue/U Analog Output; in HD Only Mode and Simultaneous HD/SD Mode: Pr/Red Analog Output.
37	DAC F	O	In SD Only Mode: Chroma/Red/V Analog Output; in HD Only Mode and Simultaneous HD/SD Mode: Pb/Blue [HD] Analog Output.
23	P_HSYNC	I	Video Horizontal Sync Control Signal for HD in Simultaneous SD/HD Mode and HD Only Mode.
24	P_VSYNC	I	Video Vertical Sync Control Signal for HD in Simultaneous SD/HD Mode and HD Only Mode.
25	P_BLANK	I	Video Blanking Control Signal for HD in Simultaneous SD/HD Mode and HD Only Mode.
48	S_BLANK	I/O	Video Blanking Control Signal for SD Only.
49	S_VSYNC	I/O	Video Vertical Sync Control Signal for SD Only.
50	S_HSYNC	I/O	Video Horizontal Sync Control Signal for SD Only.
13, 12, 9, 2	Y9 to Y0	I	SD or Progressive Scan/HDTV Input Port for Y Data. Input port for interleaved progressive scan data. The LSB is set up on Pin Y0. For 8-bit data input, LSB is set up on Y2.
30, 26, 18..14	C9 to C0	I	Progressive Scan/HDTV Input Port 4:4:4 Input Mode. This port is used for the Cb[Blue/U] data. The LSB is set up on Pin C0. For 8-bit data input, LSB is set up on C2.

Pin No.	Mnemonic	Input/Output	Description
62-58	S9 to S0	I	SD or Progressive Scan/HDTV Input Port for Cr[Red/V] Data in 4:4:4 Input Mode. LSB is set up on Pin S0. For 8-bit data input, LSB is set up on S2.
55-51			
33	RESET	I	This input resets the on-chip timing generator and sets the ADV7320/ADV7321 into default register setting. RESET is an active low signal.
47, 35	R <sub>SET1</sub> , R <sub>SET2</sub>	I	A 3040 resistor must be connected from this pin to AGND and is used to control the amplitudes of the DAC outputs.
22	SCLK	I	I <sup>2</sup> C Port Serial Interface Clock Input.
21	SDA	I/O	I <sup>2</sup> C Port Serial Data Input/Output.
20	ALSB	I	TTL Address Input. This signal sets up the LSB of the I <sup>2</sup> C address. When this pin is tied low, the I <sup>2</sup> C filter is activated, which reduces noise on the I <sup>2</sup> C interface.
1	V <sub>DD_IO</sub>	P	Power Supply for Digital Inputs and Outputs.
10, 56	V <sub>DD</sub>	P	Digital Power Supply.
41	V <sub>AA</sub>	P	Analog Power Supply.
46	V <sub>REF</sub>	I/O	Optional External Voltage Reference Input for DACs or Voltage Reference Output (1.235 V).
34	EXT_LF	I	External Loop Filter for the Internal PLL.
31	RTC_SCR_TR	I	Multifunctional Input. Real-time control (RTC) input, timing reset input, subcarrier reset input.
19	I <sup>2</sup> C	I	This input pin must be tied high (V <sub>DD_IO</sub> ) for the ADV7320/ADV7321 to interface over the I <sup>2</sup> C port.
64	GND <sub>_IO</sub>		Digital Input/Output Ground.

### NJM2581M-TE1 (AV : IC602,603)

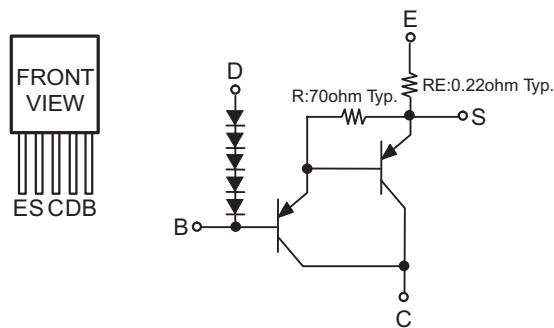


**BCOIC-DM850-CQL (DI: IC405)****BCOIC-DM850-CQL Functional Diagram**

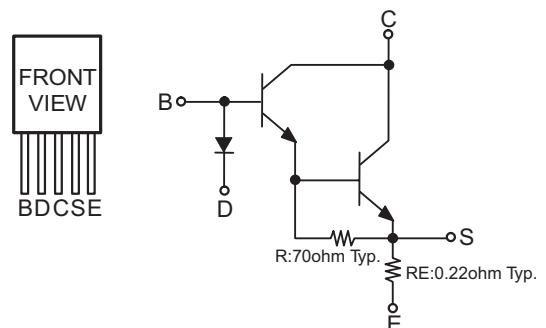
**TC74VHC14FT (AV: IC808,809)****PQ30RV11 (DP: IC811)****TC74VHC244FT (DI: IC155,608)****PQ070XZ01ZP (DI: IC412)**

## 2. TRNSISTOR

**MP15P (PA: TR202,204,206,208,210,212,214)**

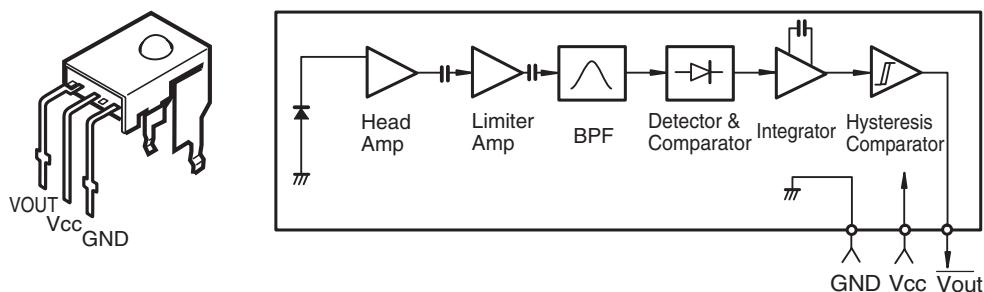


**MN15N (PA: TR201,203,205,207,209,211,213)**



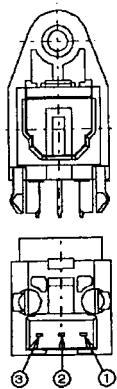
## 3. OTHERS

**GP1UM271XK (Remote Control Sensor) (FR: IC101)**

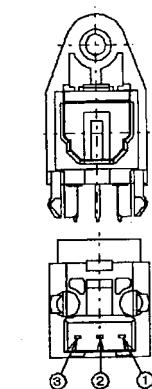


## 4. OPTICAL

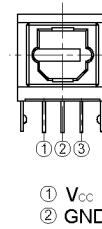
**TORX142 (AV: IC801,802,803)**



Pin connection  
1. Output  
2. GND  
3. Vcc



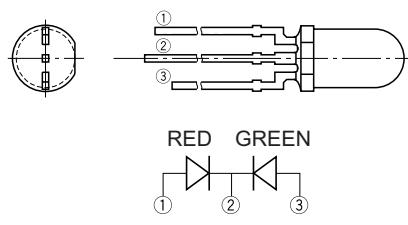
Pin connection  
1. GND  
2. Vcc  
3. Input



① V<sub>cc</sub>  
② GND  
③ V<sub>out</sub>

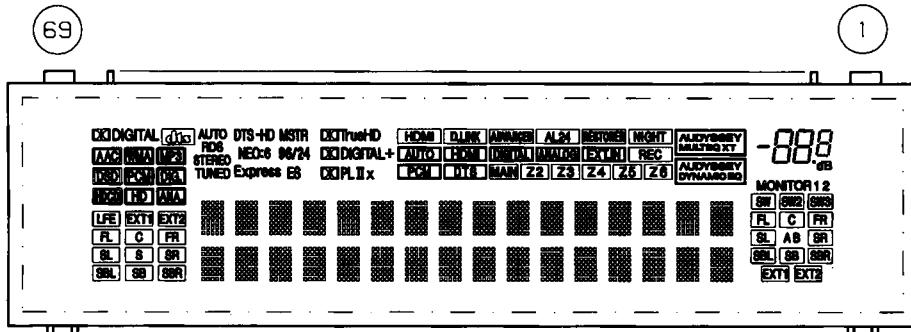
## 5. LED

**SML1216W (LED) (FR: LD301)**



## **6. FL DISPLAY**

## **FLD (19-BT-08GINK) (FR: FL101)**



## PIN CONNECTION

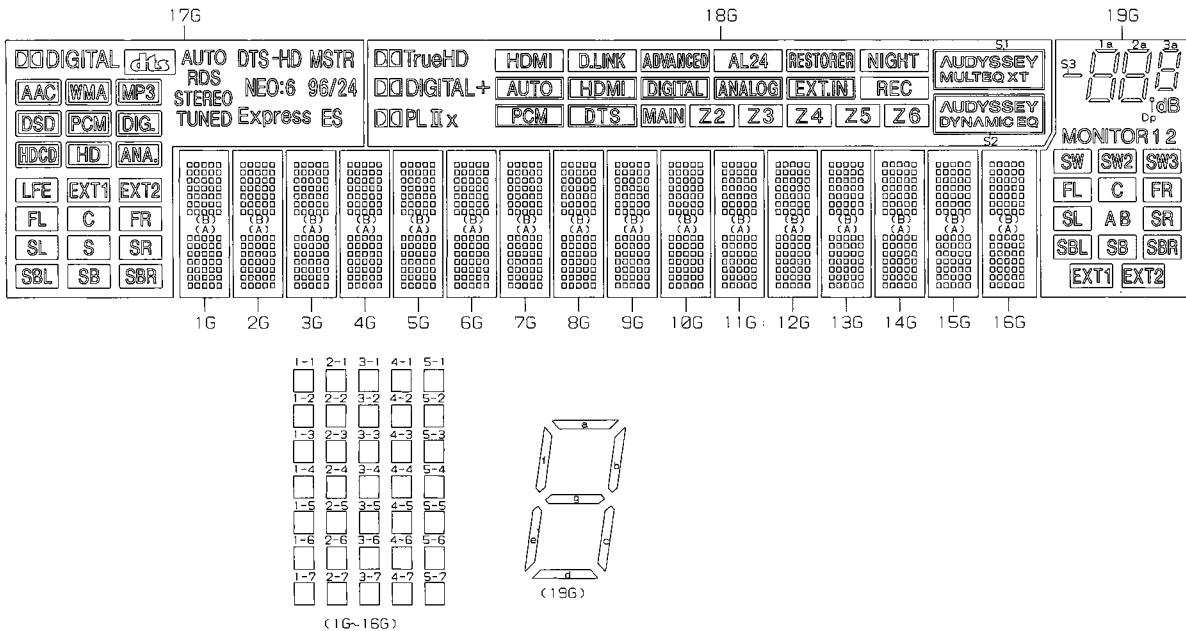
PIN NO.	6666666666666666	5555555555555555
	9876543210987654321	9876543210987654321
CONNECTION	L P G G V O S E C C D S S 9 8 7 F N N N N N V D H D C T S P A B G G G 2 X X P P D D H D C T S P A B G G G	- R E E - I T T Q Q Q

PIN NO.	5 0	4 9	4 8	4 7	4 6	4 5	4 4	4 3	4 2	4 1	3 0	3 9	3 8	3 7	3 6	3 5	3 4	3 3	3 2	2 1	2 0	2 9	2 8	2 7	2 6	2 5	2 4	2 3	2 2	2 1	2 0	1 9	1 8	1 7	1 6	1 5	1 4	1 3	1 2	1 1
CONNECTION	1 7	1 8	1 9	N N	N F																																			
	G G	G G	X X	C C	P P	X X	1																																	

## 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) TSA,B --- Test pin  
 12) CS ----- Chip Select Input pin  
 13) 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 Part

## GRID ASSIGNMENT



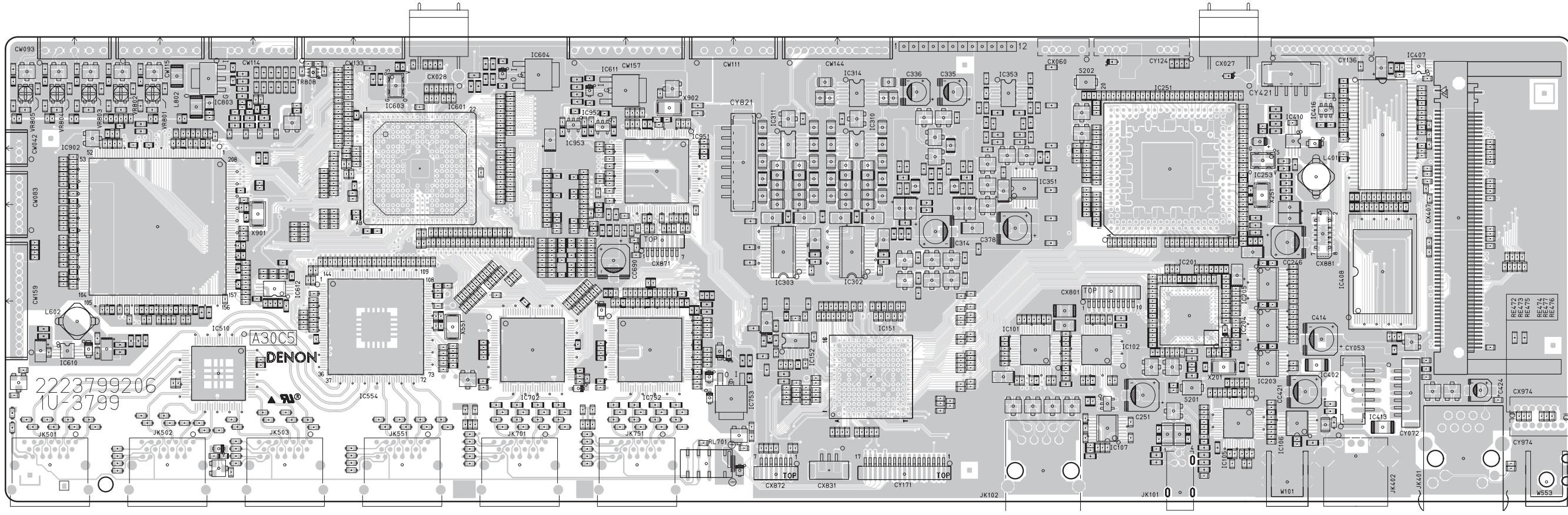
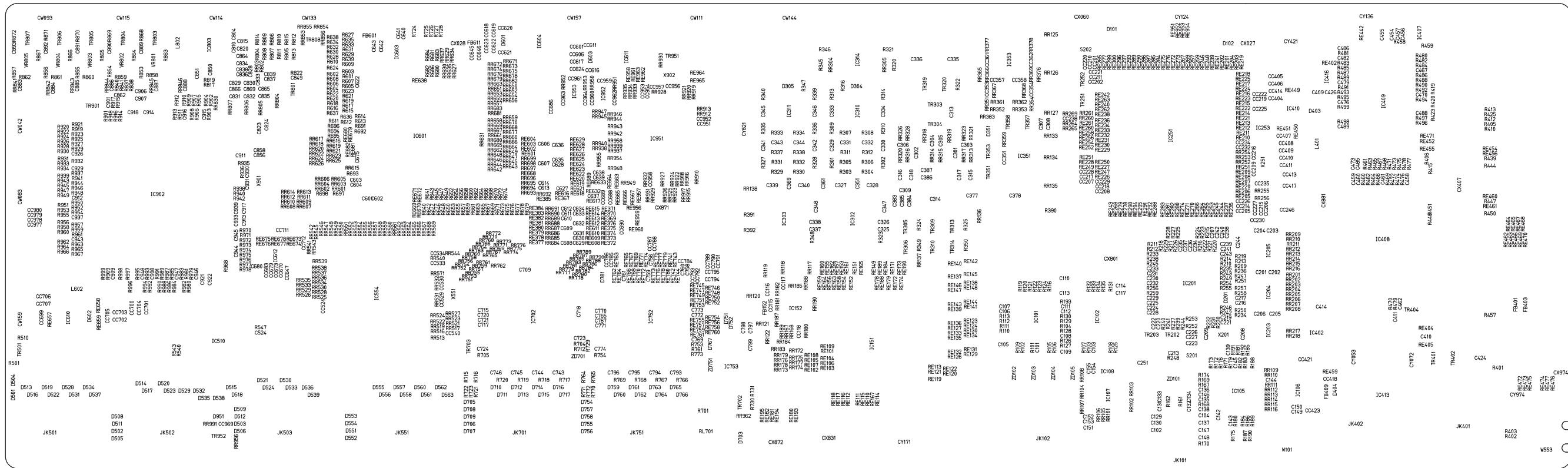
## ANODE CONNECTION

	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	MAN	-
D11B	2-3B	dts	DTS	-
D12B	3-3B	DIGITAL	PCM	-
D13B	4-3B	MP3	X	-
D14B	5-3B	WMA	II	-
D15B	1-4B	AAC	PL	-
D16B	2-4B	DIG	DOL (PL)	-
D17B	3-4B	PCM	REC	2
D18B	4-4B	DSD	EXT.IN	1
D19B	5-4B	AM	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	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	DLINK	SSL
D33B	4-7B	SBL	HDMI	EXT2
D34B	5-7B	-	DOLTrueHD	EXT1

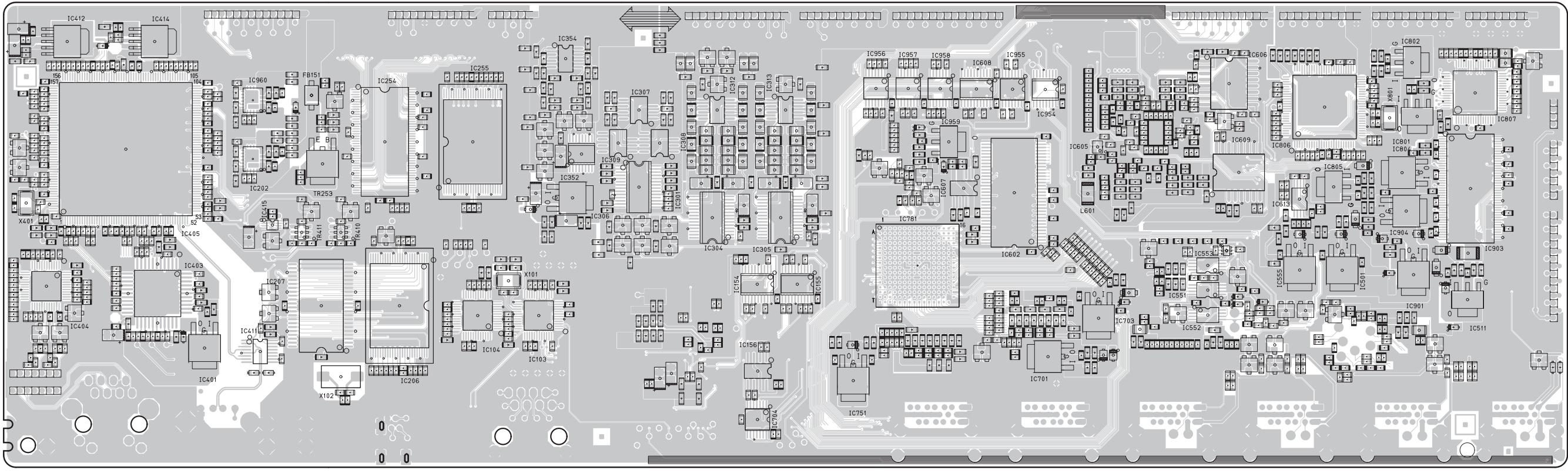
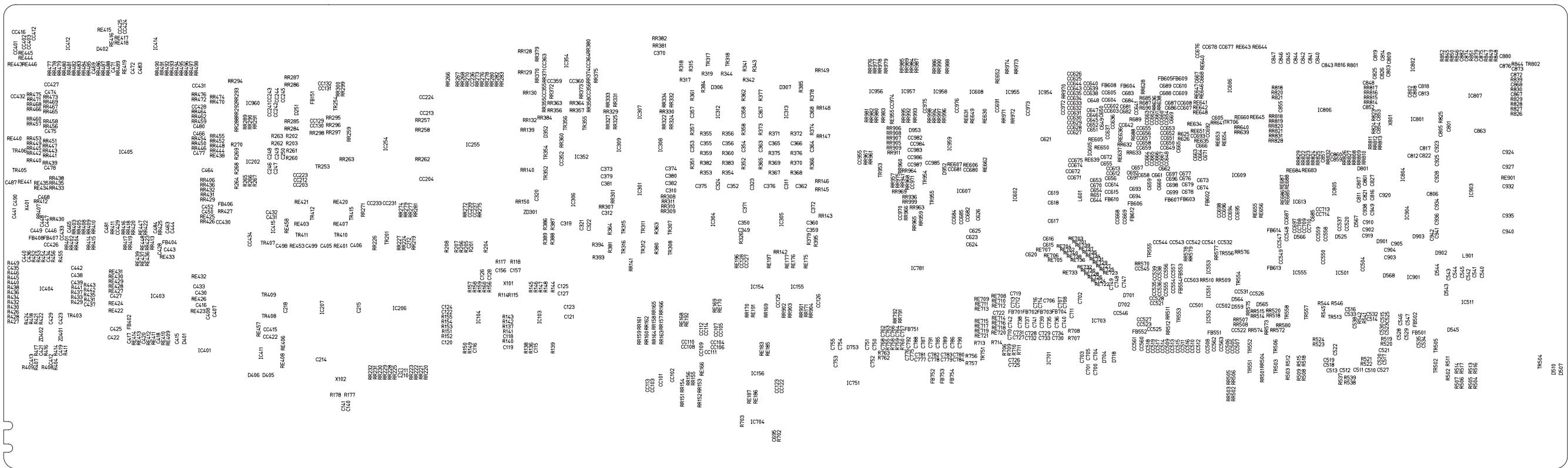
## **PRINTED WIRING BOARDS**

## **1U-3799 DIGITAL P.W.B. UNIT (1/2)**



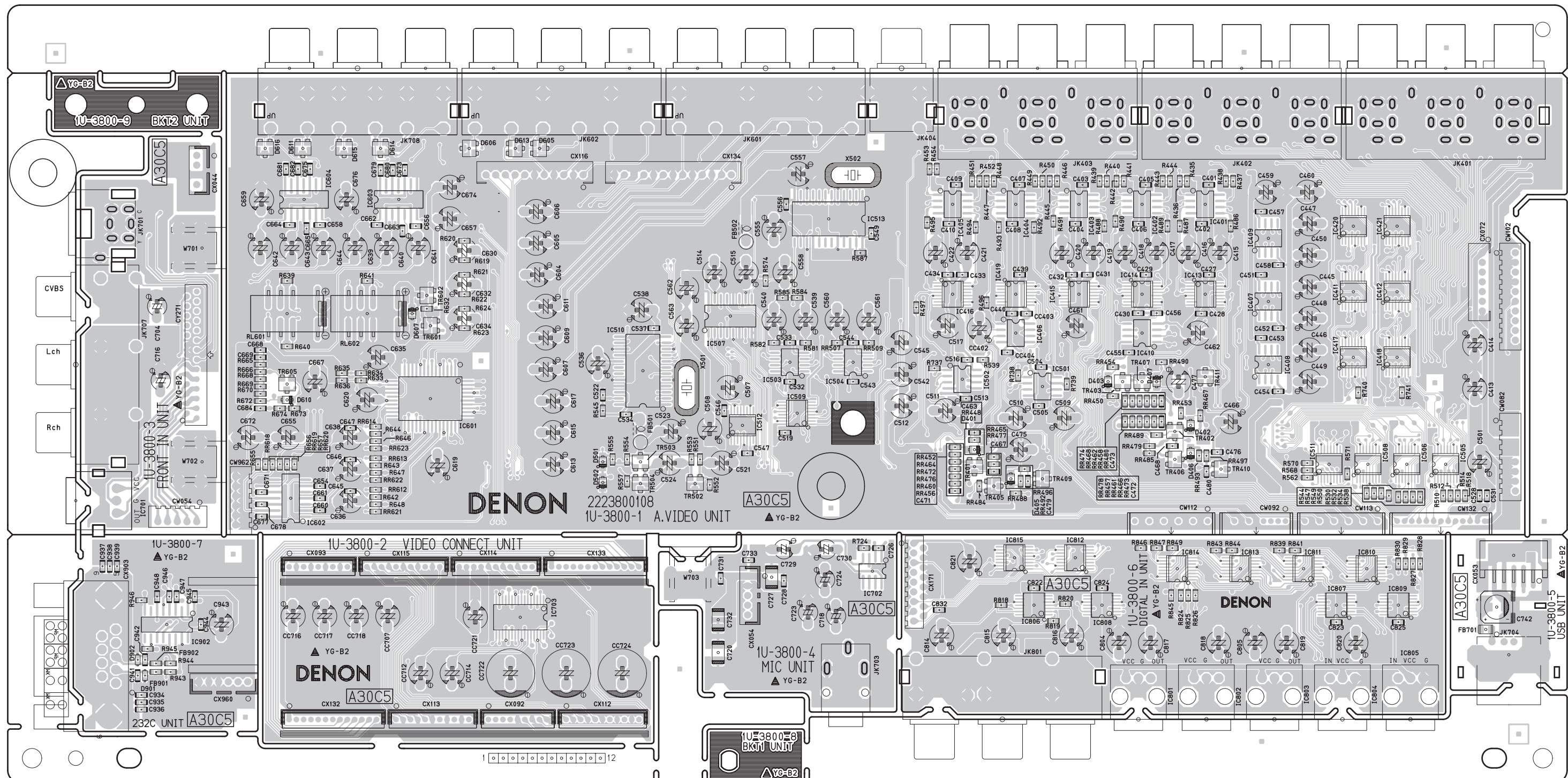
## **COMPONENT SIDE**

## **1U-3799 DIGITAL P.W.B. UNIT (2/2)**



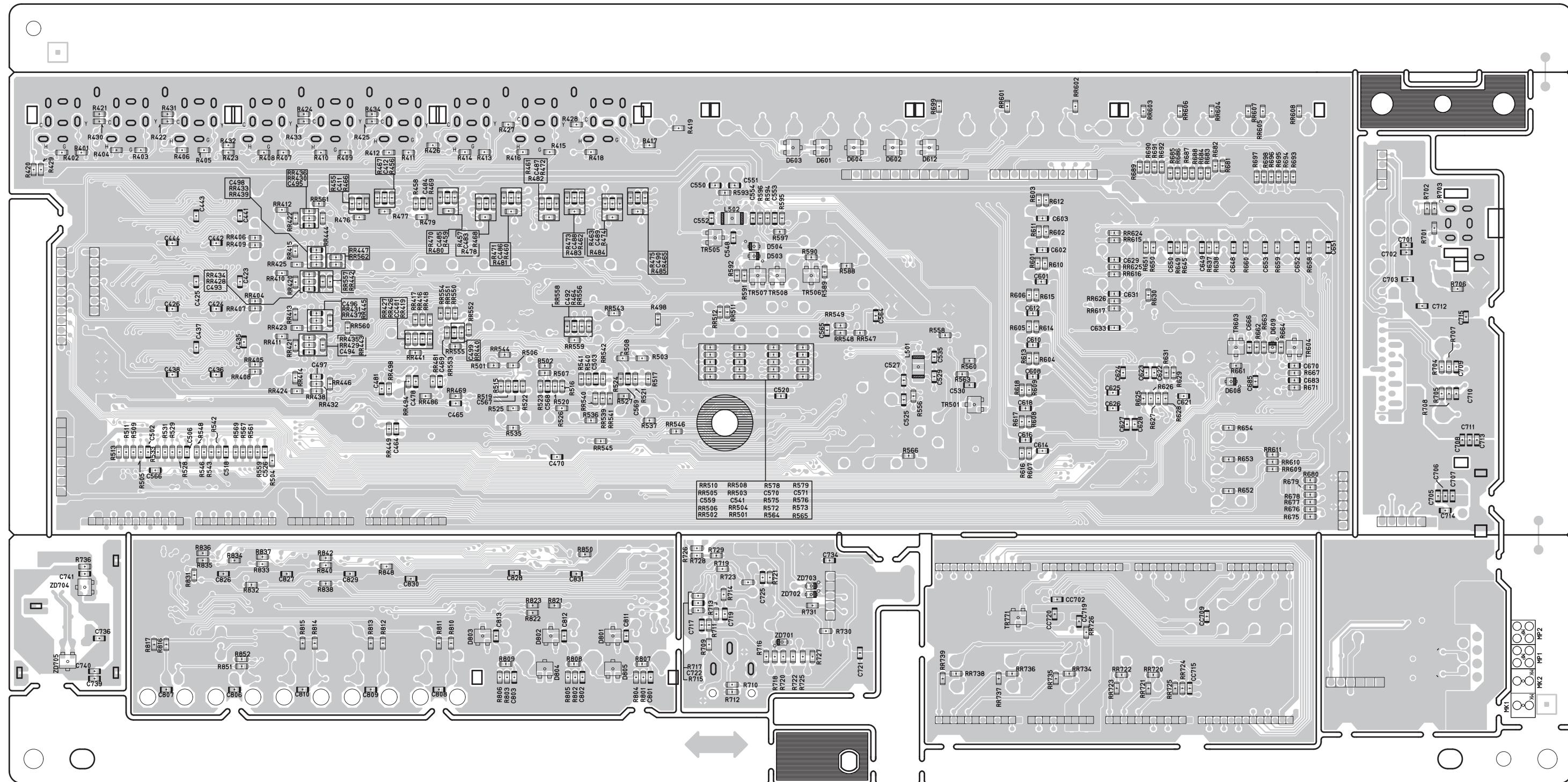
**FOIL SIDE**

## **1U-3800 A.VIDEO P.W.B. UNIT (1/2)**



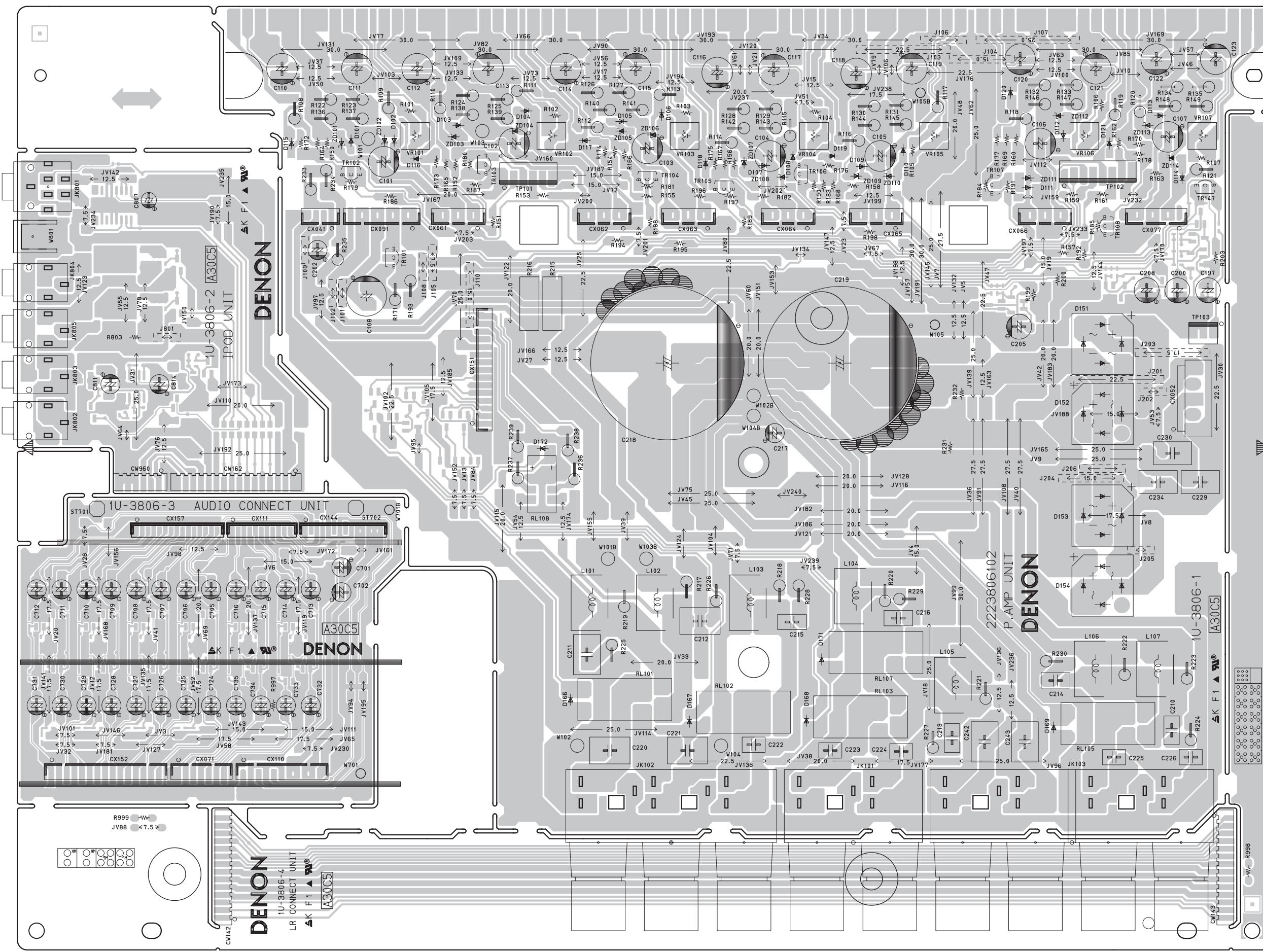
## **COMPONENT SIDE**

## **1U-3800 A. VIDEO P.W.B. UNIT (2/2)**

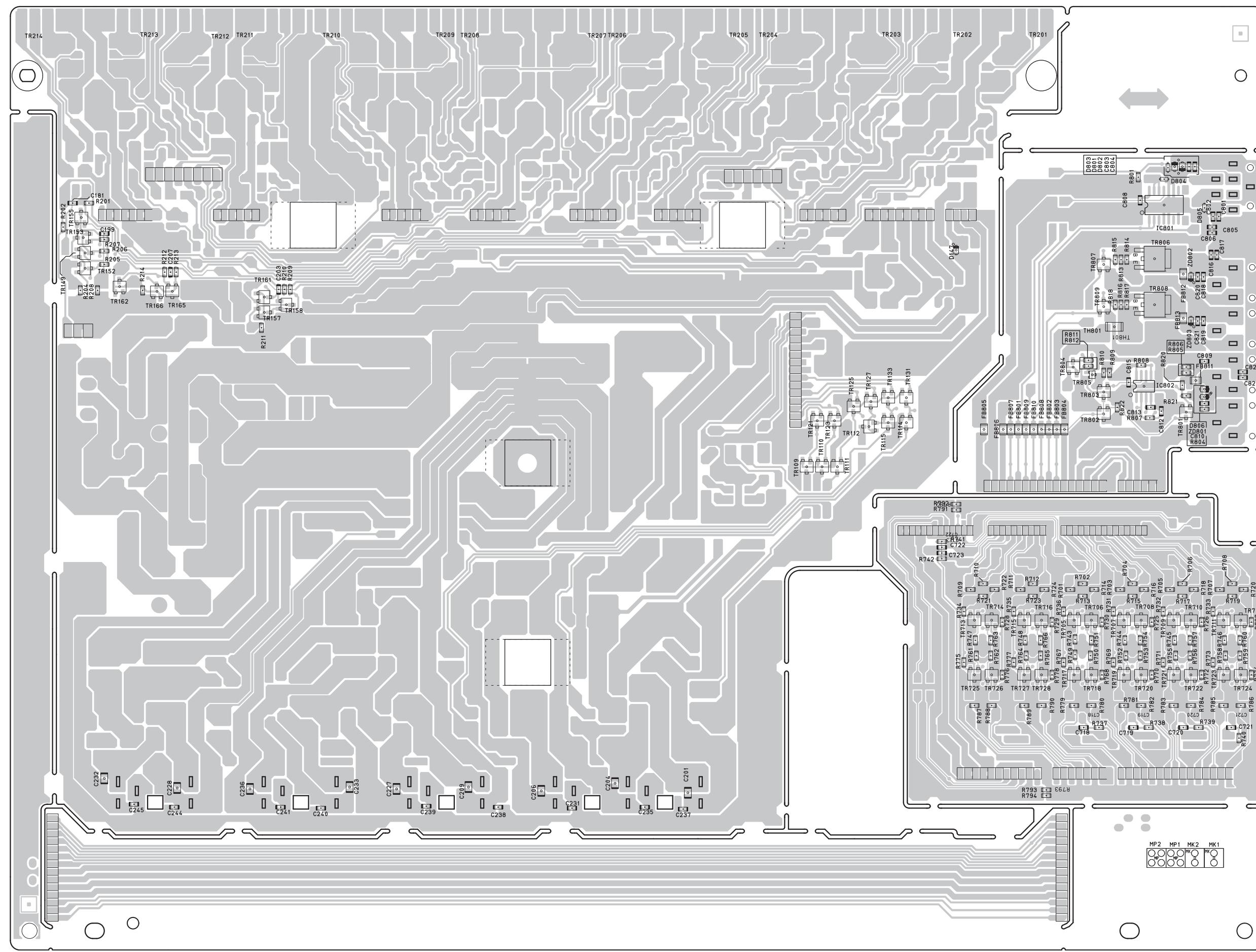


FOIL SIDE

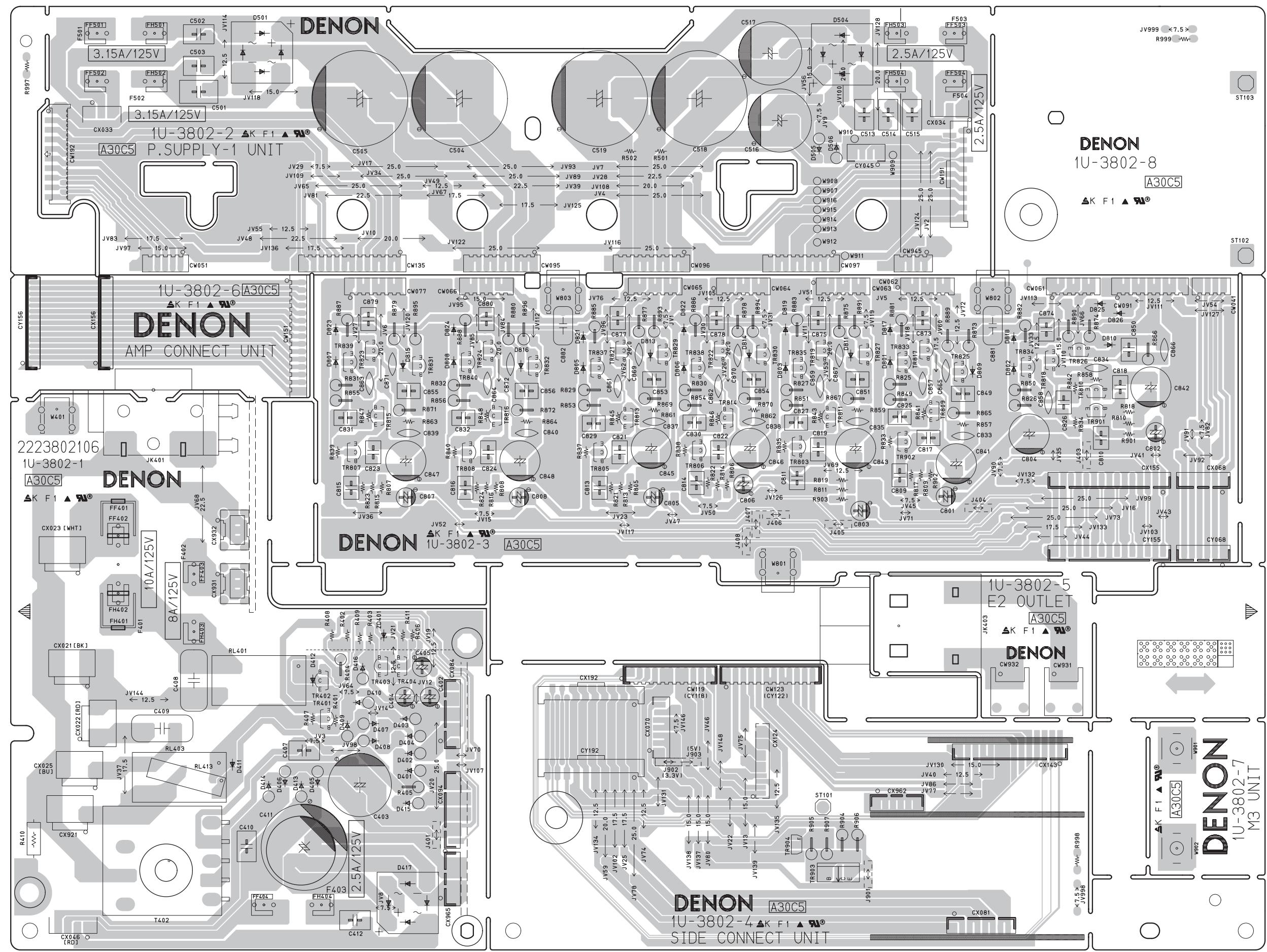
## 1U-3806 POWER AMP P.W.B. UNIT (1/2)



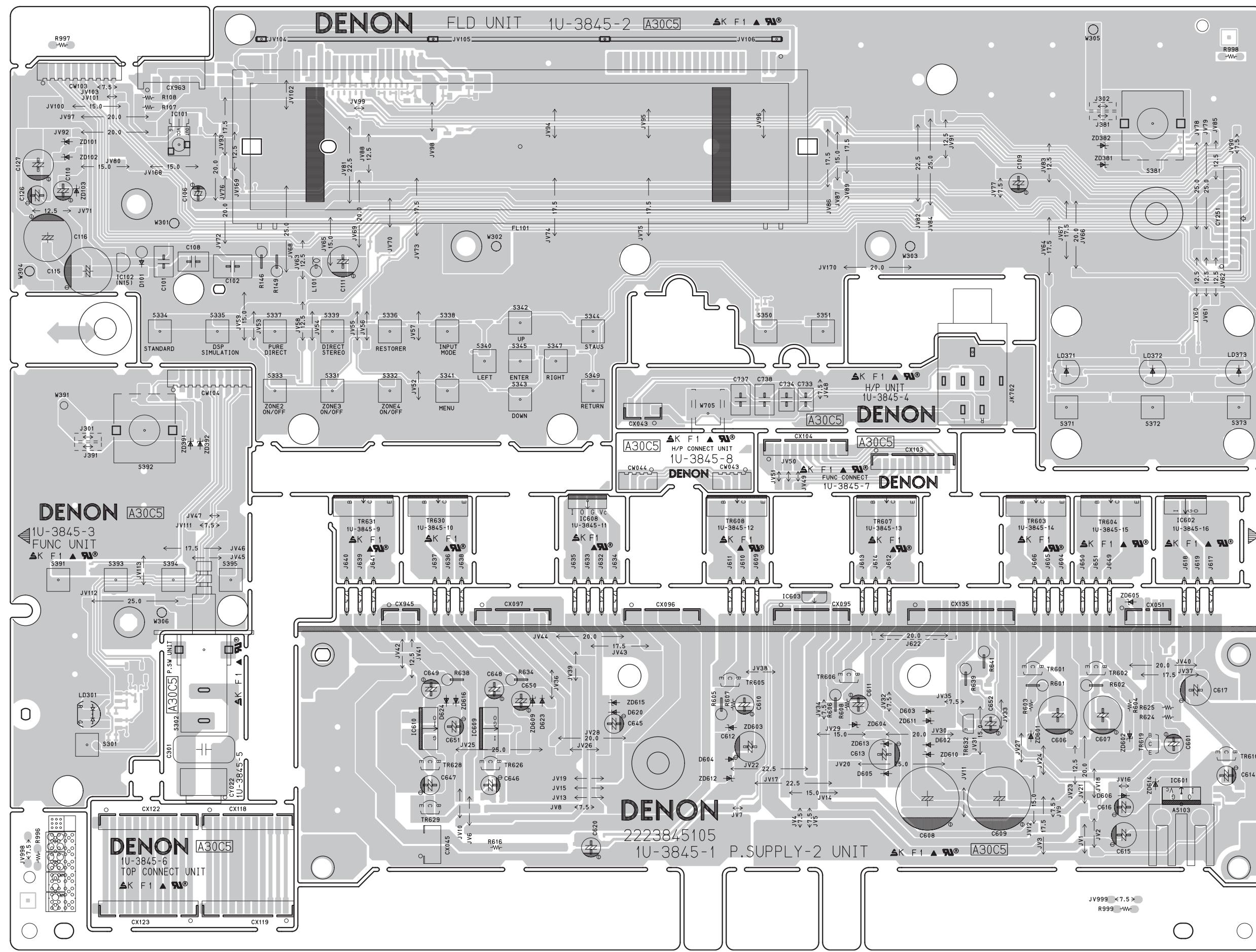
## **1U-3806 POWER AMP P.W.B. UNIT (2/2)**



## 1U-3802 POWER SUPPLY P.W.B. UNIT

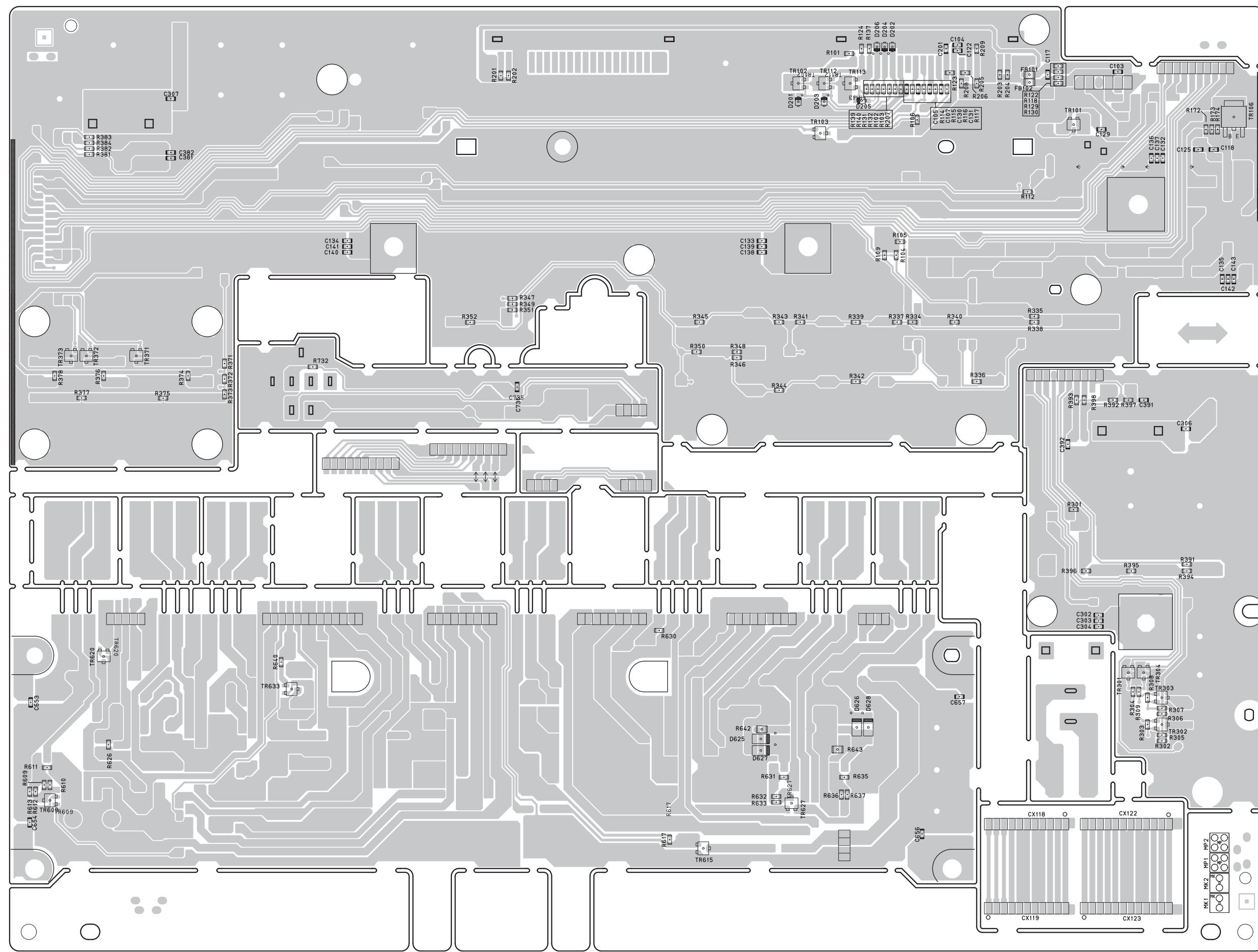


## **1U-3845 FRONT P.W.B. UNIT (1/2)**

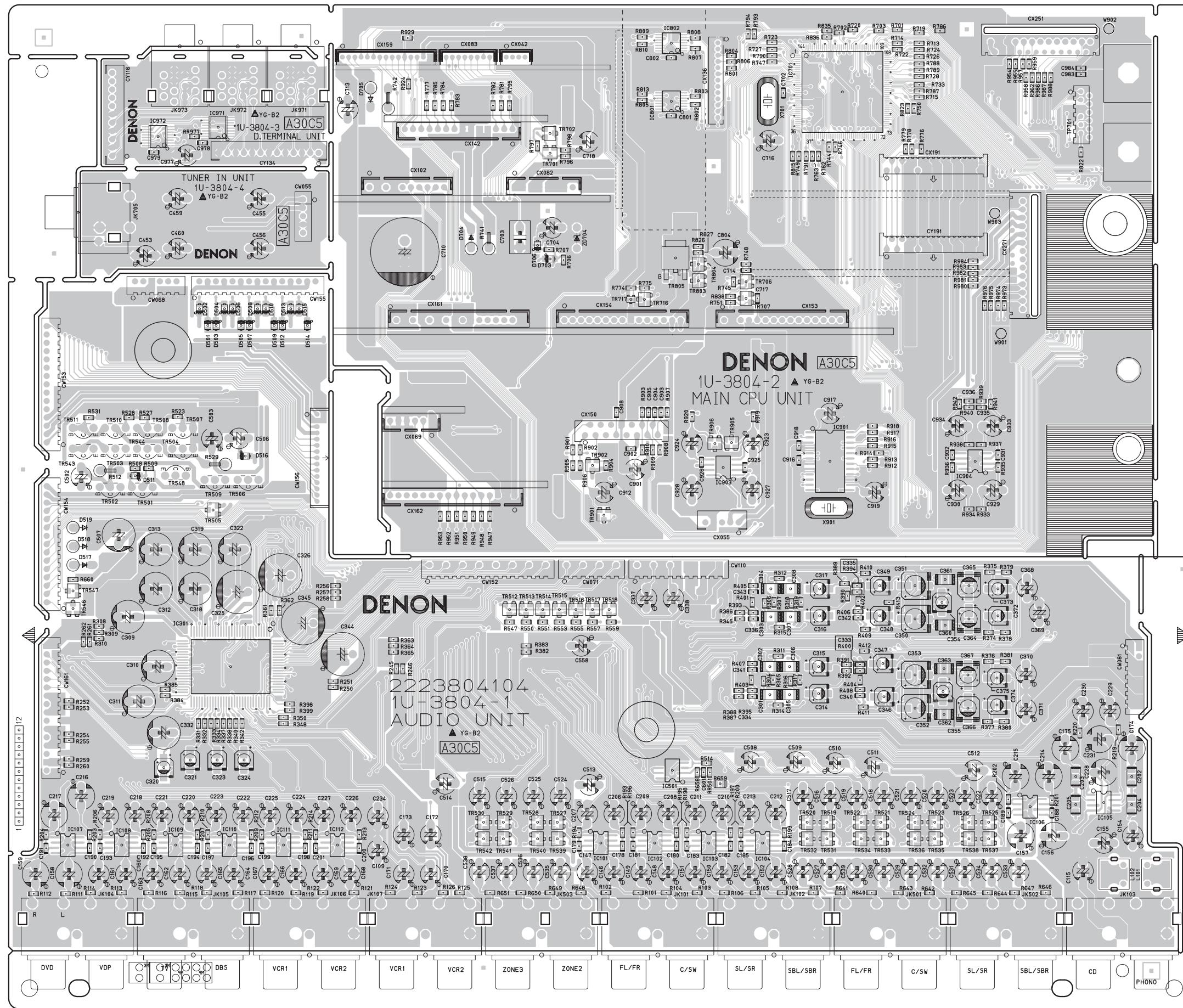


COMPONENT SIDE

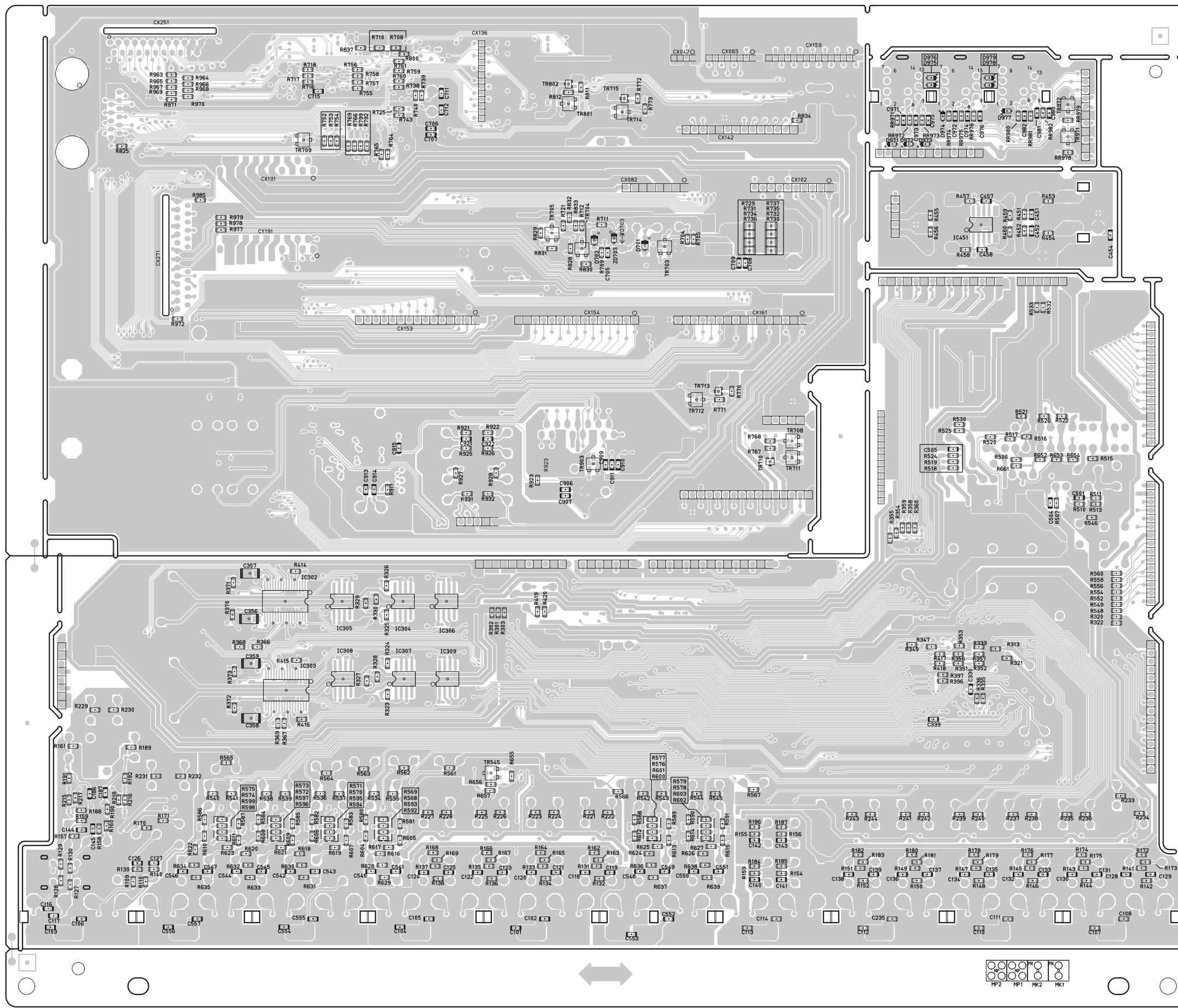
## 1U-3845 FRONT P.W.B. UNIT (2/2)



## **1U-3804 AUDIO/CPU P.W.B. UNIT (1/2)**

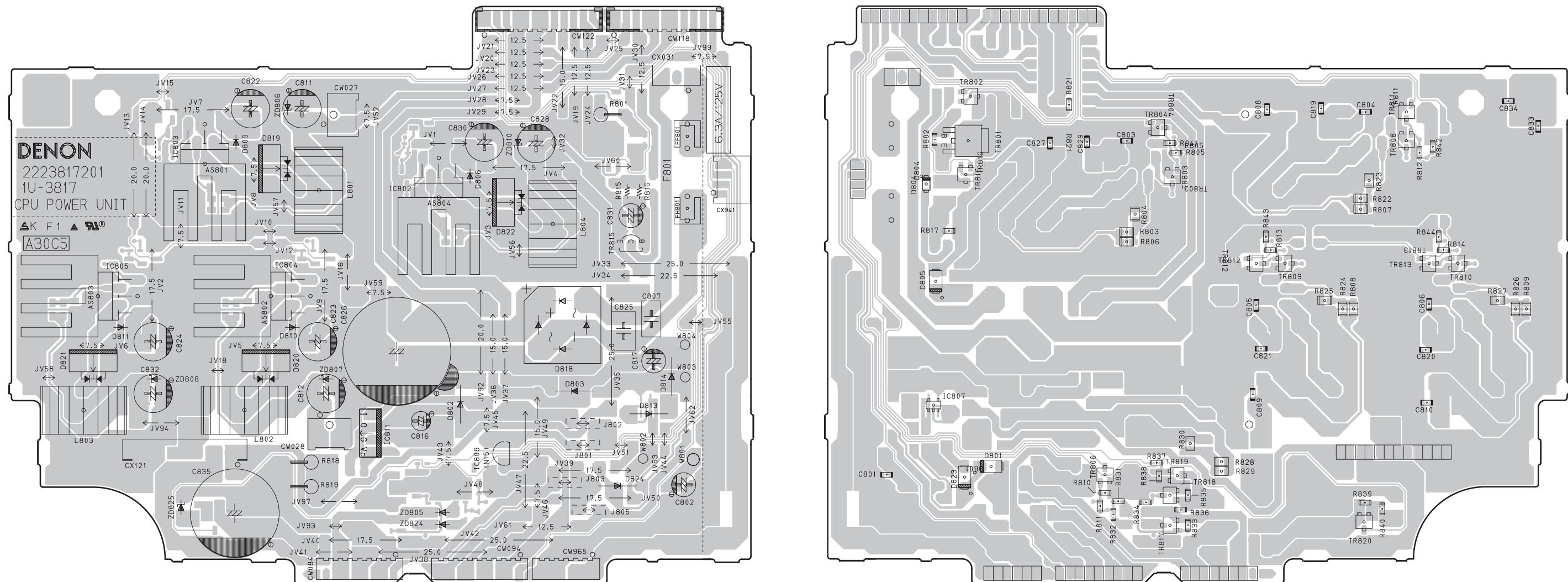


## 1U-3804 AUDIO/CPU P.W.B. UNIT (2/2)



FOIL SIDE

## 1U-3817 DIGITAL POWER P.W.B. UNIT



COMPONENT SIDE

FOIL 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	14K	2E	182	G	FR
Type	Shape and performance	Power	Resist-ance	Allowable error	Others
RD : Carbon	2B : 1/8W	F : ±1%	P : Pulse-resistant type		
RC : Composition	2E : 1/4W	G : ±2%	NL : Low noise type		
RS : Metal oxide film	2H : 1/2W	J : ±5%	NB : Non-burning type		
RW : Winding	3A : 1W	K : ±10%	FR : Fuse-resistor		
RN : Metal film	3D : 2W	M : ±20%	F : Lead wire forming		
RK : Metal mixture	3F : 3W				
	3H : 5W				

#### \* 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	04W	1H	2R2	M	BP
Type	Shape and performance	Dielectric strength	Capacity	Allowable error	Others
CE : Aluminum foil electrolytic	0J : 6.3V	F : ±1%	HS : High stability type		
CA : Aluminum solid electrolytic	1A : 10V	G : ±2%	BP : Non-polar type		
CS : Tantalum electrolytic	1C : 16V	J : ±5%	HR : Ripple-resistant type		
CQ : Film	1E : 25V	K : ±10%	DL : For change and discharge		
CK : Ceramic	1V : 35V	M : ±20%	HF : For assuring high frequency		
CC : Ceramic	1H : 50V	Z : +80%	U : UL part		
CP : Oil	2A : 100V	-20%	C : CSA part		
CM : Mica	2B : 125V	P : +100%	W : UL-CSA type		
CF : Metallized	2C : 160V	-0%	F : Lead wire forming		
CH : Metallized	2D : 200V	C : ±0.25pF			
	2E : 250V	D : ±0.5pF			
	2H : 500V	= : Others			
	2J : 630V				

#### \* 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 dielectric strength value.

## 部品表について

- 部品表に "nsp" と記載されている部品は供給できません。
- 部品を発注する際は特に数字の "1" と英字の "I" の区別をはっきり記入してください。
- 部品番号を表示していない部品は供給できません。
- △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。
- ★印のついている部品は分解図には記載していません。
- 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。
- 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。
- 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	14K	2E	182	G	FR
種類	形状特性	電力	抵抗値	許容差	その他
RD : Carbon	2B : 1/8W	F : ±1%	P : 耐パルス形		
RC : Composition	2E : 1/4W	G : ±2%	NL : 低雑音形		
RS : Metal oxide film	2H : 1/2W	J : ±5%	NB : 不燃形		
RW : Winding	3A : 1W	K : ±10%	FR : ヒューズ抵抗		
RN : Metal film	3D : 2W	M : ±20%	F : リード線成形		
RK : Metal mixture	3F : 3W				
	3H : 5W				

\* 抵抗値 18 2 ⇒ 1800Ω=1.8kΩ  
 ↑ ↑  
 有効数字につづく0の数を表す。  
 2桁の有効数字を表す。  
 1R 2 ⇒ 1.2Ω  
 ↑ ↑  
 1桁の有効数字を表す。  
 2桁の有効数字で小数点はRで表す。  
 : 単位はΩ

### ● コンデンサ

例) CE	04W	1H	2R2	M	BP
種類	形状特性	耐圧	容量	許容差	その他
CE : Aluminum foil electrolytic	0J : 6.3V	F : ±1%	HS : 高安定形		
CA : Aluminum solid electrolytic	1A : 10V	G : ±2%	BP : 無極性形		
CS : Tantalum electrolytic	1C : 16V	J : ±5%	HR : 耐リップル形		
CQ : Film	1E : 25V	K : ±10%	DL : 充放電対策用		
CK : Ceramic	1V : 35V	M : ±20%	HF : 高周波保護用		
CC : Ceramic	1H : 50V	Z : +80%	U : UL部品		
CP : Oil	2A : 100V	-20%	C : CSA部品		
CM : Mica	2B : 125V	P : +100%	W : UL-CSA部品		
CF : Metallized	2C : 160V	-0%	F : リード線成形		
CH : Metallized	2D : 200V	C : ±0.25pF			
	2E : 250V	D : ±0.5pF			
	2H : 500V	= : Others			
	2J : 630V				

#### \* 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の数を表す。  
 2桁の有効数字を表す。  
 2R 2 ⇒ 2.2μF  
 ↑ ↑  
 1桁の有効数字を表す。  
 2桁の有効数字で小数点はRで表す。  
 : 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の数を表す。  
 (0の数が2以上の場合)  
 2桁の有効数字を表す。  
 22 1 ⇒ 220pF  
 ↑ ↑  
 有効数字につづく0の数を表す。  
 (0の数が0または1の場合)  
 2桁の有効数字を表す。  
 : 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  
E2A : Asia model

EC : Canada model  
E1C : China model

SRE2 : Europe model(Silver)  
EUT : Taiwan R.O.C. model

BKE2 : Europe model(Black)

### 1U-3799E DIGITAL P.W.B. UNIT ASS'Y (EU,EC model) 1U-3799F DIGITAL P.W.B. UNIT ASS'Y (BKE2,SRE2,E2A,E1C model) 1U-3799G DIGITAL P.W.B. UNIT ASS'Y (EUT model)

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC101-103	nsp	LC89057W-VF4A			
	IC105	nsp	F2621E-01	EU,EC		
	IC106	nsp	SN74LV08APW-EL2 +REF	EU,EC		
	IC107	nsp	SN65LVDS32PW +REF			
	IC108	nsp	SN65LVDS1DBVR			
	IC151	nsp	EPM570F256C5N			
	IC152	nsp	ICS570BLFT			
	IC155	nsp	TC74VHC244FT			
	IC201	nsp	ADSP21366KBCZ1AA1134			
	IC202	nsp	EN5312QI-T			
	IC203	nsp	SN74LVC139APWR +REF			
	IC204,205	nsp	TC74VHC573FT			
	IC206	nsp	DSP1 ROM SUB ASSY	S29AL016D90TFI020# : GEN 8371		
	IC207	nsp	CY7C1049DV33-10ZSX1			
	IC251	nsp	ADSP21367KBPZ2A1134			
	IC254	nsp	W9864G2GH-7			
	IC255	nsp	DSP2 ROM SUB ASSY	S29AL016D90TFI020# : GEN 8372		
	IC301	nsp	PCM1804 +REF			
	IC302-305	nsp	PCM1791ADBR +REF			
	IC306	nsp	UPC2933BT1D-E1-AT			
	IC307-309	nsp	NJM2115M-TE1 +C			
	IC310-314	nsp	SA5532ADR			
	IC351,352	nsp	AK4385ET			
	IC353,354	nsp	BA15218F-DXE2 +C			
	IC402	nsp	MICROSDM175F			
	IC404	nsp	RTL8201CP			
	IC405	nsp	BCOIC-DM850E-CQL			
	IC408	nsp	DM850 ROM SUB ASSY	S29GL064A90TFIR40 : GEN 8562		
	IC409	nsp	W9812G6GH-6			
	IC410	nsp	LM2832XMY			
	IC411	nsp	FSUSB22			
	IC412	nsp	PQ070XZ01ZP +C			
	IC413	nsp	MICROSDM175F			
	IC415	nsp	TC7W66FK			
	IC416	nsp	SN74LVC2G14DBVR			
	IC501	nsp	UPC2925BT1D-E1-AT			
	IC510	nsp	SII9185CTU			
	IC511	nsp	AZ1117H-1.8TRE1			
	IC551	nsp	BR24L02FV-W			
	IC552,553	nsp	SN74CBT3306PWG4			
	IC554	nsp	SII9135CTU			
	IC555	nsp	UPC2918BT1D-E1-AT			
	IC601	nsp	EP2C35F484C8N			
	IC602	nsp	W9425G6DH-5			
	IC603	nsp	FCXO-03L(27.00MHz)			
	IC604	nsp	UPC2925BT1D-E1-AT			
	IC605	nsp	FCXO-05(48.0MHZ)			
	IC606	nsp	M25P64-VMF6TG(GUI)			
	IC607	nsp	LP2995M			
	IC608	nsp	TC74VHC244FT			
	IC609	nsp	EPICS16SI16N			
	IC610	nsp	LM2832XMY			
	IC611	nsp	UPC2925BT1D-E1-AT			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
IC612,613	nsp	CDCVF2505PWR			
IC701	nsp	UPC2918BT1D-E1-AT			
IC702	nsp	SII9134CTU			
IC703	nsp	UPC2925BT1D-E1-AT			
IC704	nsp	SN74LV74APW-EL2 +C			
IC801	nsp	AZ1117H-1.8TRE1			
IC802	nsp	AZ1117H-3.3TRE1			
IC803	nsp	AZ1117H-2.5TRE1			
IC804	nsp	UPC2925BT1D-E1-AT			
IC805	nsp	AZ1117H-1.8TRE1			
IC806	nsp	ADV7403BSTZ-110			
IC807	nsp	ADV7320			
IC901	nsp	UPC2918BT1D-E1-AT			
IC902	nsp	FLI2310-LF-CF			
IC903	nsp	K4S643232H-UC60			
IC904	nsp	UPC2925BT1D-E1-AT			
IC951	nsp	SUB CPU SUB ASSY	M3062LFGPGP : GEN 8561		
IC952,953	nsp	LTC1694CS5			
IC954	nsp	BU4094BCFV-E2			
IC955,956	nsp	TC74VHCT08AFT			
IC957,958	nsp	TC74VHC08FT			
IC959	nsp	AZ1117H-3.3TRE1			
IC960	nsp	EN5312QI-T			
TR201,202	nsp	KRA102S-RTK/P (10K-10K)			
TR203	nsp	KRC102S-RTK/P (10K-10K)			
TR251	nsp	KRA102S-RTK/P (10K-10K)			
TR252	nsp	KRC102S-RTK/P (10K-10K)			
TR253	nsp	2SB1412TL(PQR) +C			
TR254	nsp	KTC3875S-GR-RTK/P			
TR303	nsp	KRC102S-RTK/P (10K-10K)			
TR304	nsp	KRA102S-RTK/P (10K-10K)			
TR305-312	nsp	KRC102S-RTK/P (10K-10K)			
TR313-316	nsp	KRA102S-RTK/P (10K-10K)			
TR317,318	nsp	KTC2875-B-RTK/P			
TR319	nsp	KRC102S-RTK/P (10K-10K)			
TR320	nsp	KRA102S-RTK/P (10K-10K)			
TR351,352	nsp	KRC102S-RTK/P (10K-10K)			
TR353,354	nsp	KRA102S-RTK/P (10K-10K)			
TR355	nsp	KRC102S-RTK/P (10K-10K)			
TR356	nsp	KRA102S-RTK/P (10K-10K)			
TR357	nsp	KRC102S-RTK/P (10K-10K)			
TR358	nsp	KRA102S-RTK/P (10K-10K)			
TR401,402	nsp	KRC102S-RTK/P (10K-10K)			
TR405	nsp	KRC104S-RTK/P (47K-47K)			
TR406	nsp	KRA102S-RTK/P (10K-10K)			
TR407-409	nsp	KRC102S-RTK/P (10K-10K)			
TR410,411	nsp	FDC608PZ			
TR412	nsp	KRC102S-RTK/P (10K-10K)			
TR415	nsp	KRC102S-RTK/P (10K-10K)			
TR501-503	nsp	KRC102S-RTK/P (10K-10K)			
TR504-506	nsp	KRC104S-RTK/P (47K-47K)			
TR513	nsp	KRC104S-RTK/P (47K-47K)			
TR551	nsp	KRC102S-RTK/P (10K-10K)			
TR552-555	nsp	KRC104S-RTK/P (47K-47K)			
TR556	nsp	HN1K02FU-TE85L			
TR557	nsp	KRC104S-RTK/P (47K-47K)			
TR558	nsp	KRA104S-RTK/P (47K-47K)			
TR702	nsp	KTC3875S-GR-RTK/P			
TR703	nsp	KRC104S-RTK/P (47K-47K)			
TR706	nsp	KRC104S-RTK/P (47K-47K)			
TR801,802	nsp	KRC104S-RTK/P (47K-47K)			
TR803-807	nsp	2SA1022-B +C			
TR808	nsp	HN1K02FU-TE85L			
TR901	nsp	KRC104S-RTK/P (47K-47K)			
TR951	nsp	KTC3875S-GR-RTK/P			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
TR952 TR953,954 TR955  D101,102	nsp nsp nsp  nsp	2SC3326(A/B) +C 2SC2412KT96(S) +C KRC104S-RTK/P (47K-47K)  RB521S-30TE61 +REF			
D201 D304-307 D351,352 D402 D403	nsp nsp nsp nsp nsp	RB521S-30TE61 +REF KDS184-RTK/P (K-COM) KDS184-RTK/P (K-COM) RB521S-30TE61 +REF RB060M-30			
D404-406 D501-524 D525 D528-539 D543	nsp nsp nsp nsp nsp	ESD PROTECTOR(6802) ESD PROTECTOR(6802) KDS160-RTK/P ESD PROTECTOR(6802) KDS160-RTK/P			
D544 D545 D551-558 D559 D560-563	nsp nsp nsp nsp nsp	RSX101M-30 RB521S-30TE61 +REF ESD PROTECTOR(6802) RB521S-30TE61 +REF ESD PROTECTOR(6802)			
D564 D566 D567 D568 D601	nsp nsp nsp nsp nsp	RB521S-30TE61 +REF KDS160-RTK/P RSX101M-30 RB521S-30TE61 +REF KDS160-RTK/P			
D602 D603 D701 D702 D703,704	nsp nsp nsp nsp nsp	RB060M-30 KDS160-RTK/P RSX101M-30 RB521S-30TE61 +REF KDS160-RTK/P			
D705-717 D718 D781 D801 D901	nsp nsp nsp nsp nsp	ESD PROTECTOR(6802) KDS160-RTK/P RSX101M-30 RSX101M-30 KDS160-RTK/P			
D902 D903 D951 D952,953	nsp nsp nsp nsp	RSX101M-30 KDS160-RTK/P KDS160-RTK/P RM73B--0R0KT +1608			
ZD101-105 ZD102-105 ZD301 ZD401,402 ZD701	nsp nsp nsp nsp nsp	NSAD500F-T1B-A NSAD500F-T1B-A UDZS3.6B-TE17 NSAD500F-T1B-A UDZS5.1B-TE17 +C	EU,EC BKE2,SRE2,E2A,EUT,E1C		
<b>RESISTORS GROUP</b>					
R161,162 R804,805	nsp nsp	RM73B20R0KT +3216 RM73B--151FT_1608	EU,EC		
R806,807 R808-815 R845 R847 R849	nsp nsp nsp nsp nsp	RM73B--121FT +1608 RM73B--151FT_1608 RM73B--621DT_1005 RM73B--621DT_1005 RM73B--242DT_1005			
R852 R853-857  RE443 RE446	nsp nsp  nsp nsp	RM73B--242DT_1005 RM73B--271FT_1608  RM73B--511FT +1608 RM73B--102FT +1608			
RE450 RE451 RE658,659  RR288	nsp nsp nsp  nsp	RM73B--683DT(1608) RM73B--153DT(1608) RM73B--153DT(1608)  RM73B--154DT(1608)			
RR292	nsp	RM73B--223DT(1608)			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
RR293 RR427	nsp nsp	RM73B-204DT(1608) RM73B-5491DT(1608)			
<b>CAPACITORS GROUP</b>					
C101 C102 C103 C104	nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B0J475KT(P) +1608	EU,EC EU,EC		
C105 C106 C107,108 C109 C110	nsp nsp nsp nsp nsp	CS77B1A100MT(NOJ) CC73CH1H101JT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CF73=1C104JT(ECHUX)			
C111 C112 C113 C114 C115	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B1H102KT +1005 CF73=1C223JT(ECHUX) CK73B1E104KT +1608 CK73B1A104KT +1005			
C117 C118 C119 C121 C123	nsp nsp nsp nsp nsp	CK73B1E223KT +1608 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CC73CH1H101JT +1005 CK73B1H102KT +1005			
C125 C127 C129 C130 C131-134	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CK73B1E223KT +1608 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CC73CH1H200JT +1005	EU,EC EU,EC EU,EC		
C135,136 C137 C138,139 C140,141 C142	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CC73CH1H3R0CT +1005 CK73B0J475KT(P) +1608	EU,EC EU,EC EU,EC EU,EC EU,EC		
C143,144 C145,146 C147,148 C149 C150	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005	EU,EC EU,EC EU,EC EU,EC EU,EC		
C151 C152 C153 C154 C155	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CC73CH1H101JT +1005 CK73B1A104KT +1005 CC73CH1H101JT +1005			
C156,157 C201 C202 C203 C204	nsp nsp nsp nsp nsp	CC73CH1H6R0DT +1608 CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B1E103KT(1005) CC73CH1H101JT +1005			
C205 C206 C208,209 C210 C211	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CC73CH1H101JT +1005 CC73CH1H5R0CT +1005 CC73CH1H101JT +1005 CK73B1E103KT(1005)			
C212 C213 C214 C215-217 C218	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CC73CH1H101JT +1005 CK73B1E103KT(1005)			
C219-222 C223 C224-226 C227 C228-235	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B0J475KT(P) +1608 CC73CH1H101JT +1005 CK73B1E103KT(1005) CK73B1H102KT +1005			
C236-243 C244	nsp nsp	CK73B1A104KT +1005 CS77B1A100MT(NOJ)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C246 C247 C248,249	nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
	C250 C251 C301,302 C303-306 C307	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CE67W0J101MT(P.CAP) +REF CC73CH1H103JT +2125 CC73CH1H561JT +1608 CK73B1E104KT +1608			
	C308 C309 C310,311 C312 C313	nsp nsp nsp nsp nsp	CK73B1H102KT +1608 CK73B1H103KT (1608) +1608 CK73B1H102KT +1608 CK73B1E104KT +1608 CC73CH1H103JT +2125			
	C314 C315-320 C321 C322 C323	nsp nsp nsp nsp nsp	CE67W0J101MT(P.CAP) +REF CS77B1A100MT(NOJ) CK73B1E104KT +1608 CK73B1H102KT +1608 CK73B1H103KT (1608) +1608			
	C324-326 C327,328 C329,330 C331-334 C335,336	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CS77B1A100MT(NOJ) CF73=1H182JT(ECHUX) CF73=1H561JT(ECHUX) CE67W1E100MT(P.CAP) +REF			
	C337,338 C339,340 C341 C342 C343	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CS77B1A100MT(NOJ) CF73=1H182JT(ECHUX) CF73=1H152JT(ECHUX) CF73=1H561JT(ECHUX)			
	C344 C345 C346 C347,348 C349,350	nsp nsp nsp nsp nsp	CF73=1H331JT(ECHUX) CF73=1H561JT(ECHUX) CF73=1H331JT(ECHUX) CS77B1A100MT(NOJ) CK73B1E104KT +1608			
	C351 C352 C353,354 C355-358 C359,360	nsp nsp nsp nsp nsp	CK73B1H102KT +1608 CS77B1A100MT(NOJ) CF73=1H152JT(ECHUX) CF73=1H391JT(ECHUX) CK73B1E104KT +1608			
	C361 C362 C363,364 C365-368 C369	nsp nsp nsp nsp nsp	CK73B1H103KT (1608) +1608 CS77B1A100MT(NOJ) CF73=1H182JT(ECHUX) CF73=1H561JT(ECHUX) CK73B1E104KT +1608			
	C370 C371,372 C373,374 C375,376 C383	nsp nsp nsp nsp nsp	CK73B1H102KT +1608 CS77B1A100MT(NOJ) CK73B1H472KT +1608 CS77B1A100MT(NOJ) CK73B1E104KT +1608			
	C384 C385 C386 C387 C405,406	nsp nsp nsp nsp nsp	CK73B1H103KT (1608) +1608 CK73B1H102KT +1608 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608 CK73B1A104KT +1005			
	C409 C412,413 C419 C421 C423	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005			
	C424 C426 C429 C431 C432	nsp nsp nsp nsp nsp	CE67C0J220MT (RV2) +REF CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005			
	C434-436 C438 C439,440	nsp nsp nsp	CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C441 C442,443	nsp nsp	CC73CH1H120JT +1005 CK73B0J475KT(P) +1608			
	C444 C446 C447,448 C449 C450	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1E103KT(1005) CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
	C452 C458,459 C460,461 C462-473 C474,475	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
	C476 C477,478 C479 C480,481 C482	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005			
	C483-487 C488,489 C490 C498,499 C510-513	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CC73CH1H100DT +1005 CC73CH1H120JT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005			
	C514-518 C519-525 C527 C528,529 C530	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005			
	C532,533 C534,535 C538 C540,541 C542,543	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
	C544-547 C601-604 C605 C606-615 C616	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
	C617 C618 C619,620 C621 C622	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CC73CH1H100DT +1005			
	C623,624 C625 C626 C627-636 C638	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005			
	C639 C640 C641 C642,643 C644	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CC73CH1H100DT +1005			
	C645-648 C649-652 C653-662 C663-672 C673,674	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
	C675 C676 C677 C678,679 C680	nsp nsp nsp nsp nsp	CC73CH1H100DT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CC73CH1H120JT +1005			
	C681 C682 C683,684 C685	nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CC73CH1H200JT +1005			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C686	nsp	CK73B1H102KT +1005			
C687	nsp	CK73B1A104KT +1005			
C688,689	nsp	CK73B0J475KT(P) +1608			
C691	nsp	CK73B1H102KT +1005			
C692	nsp	CK73B1A104KT +1005			
C693,694	nsp	CK73B0J475KT(P) +1608			
C695	nsp	CK73B1A104KT +1005			
C696	nsp	CK73B1H102KT +1005			
C697	nsp	CK73B1A104KT +1005			
C698-701	nsp	CK73B0J475KT(P) +1608			
C702,703	nsp	CK73B1A104KT +1005			
C704,705	nsp	CK73B0J475KT(P) +1608			
C706,707	nsp	CK73B1H102KT +1005			
C708-710	nsp	CK73B1A104KT +1005			
C711-717	nsp	CK73B1H102KT +1005			
C718-723	nsp	CK73B1A104KT +1005			
C724,725	nsp	CK73B1H102KT +1005			
C726	nsp	CK73B1A104KT +1005			
C727-730	nsp	CK73B1H102KT +1005			
C731-734	nsp	CK73B1A104KT +1005			
C735-742	nsp	CK73B0J475KT(P) +1608			
C746	nsp	CK73B1E104KT +1608			
C747,748	nsp	CK73B0J475KT(P) +1608			
C749	nsp	CK73B1H102KT +1005			
C801	nsp	CK73B0J475KT(P) +1608			
C802-804	nsp	CK73B1H102KT +1005			
C805	nsp	CK73B0J475KT(P) +1608			
C806-812	nsp	CK73B1H102KT +1005			
C813-827	nsp	CK73B0J475KT(P) +1608			
C828-830	nsp	CK73B1A104KT +1005			
C831,832	nsp	CK73B0J475KT(P) +1608			
C833	nsp	CK73B1A104KT +1005			
C834,835	nsp	CK73B0J475KT(P) +1608			
C836,837	nsp	CK73B1A104KT +1005			
C838,839	nsp	CK73B1E103KT(1005)			
C840-842	nsp	CK73B1E104KT +1608			
C843	nsp	CK73B1A104KT +1005			
C844-846	nsp	CK73B1E104KT +1608			
C847	nsp	CK73B1H102KT +1608			
C848	nsp	CK73B1A104KT +1005			
C849	nsp	CK73B1E103KT(1005)			
C850	nsp	CF73=1C103JT(ECHUX)			
C851	nsp	CF73=1C823JT(ECHUX)			
C852	nsp	CK73B1A104KT +1005			
C853,854	nsp	CC73CH1H120JT +1005			
C855-860	nsp	CK73B1A104KT +1005			
C861	nsp	CK73B0J475KT(P) +1608			
C862,863	nsp	CK73B1A104KT +1005			
C864-866	nsp	CK73B0J475KT(P) +1608			
C867,868	nsp	CC73CH1H101JT +1005			
C869	nsp	CK73B0J475KT(P) +1608			
C873	nsp	CK73B1E103KT(1005)			
C874,875	nsp	CK73B1A104KT +1005			
C876	nsp	CF73=1H821JT(ECHUX)			
C879	nsp	CK73B1A104KT +1005			
C880	nsp	CF73=1C392JT(ECHUX)			
C889-893	nsp	CK73B1A104KT +1005			
C901	nsp	CK73B1E103KT(1005)			
C902-904	nsp	CK73B0J475KT(P) +1608			
C905	nsp	CK73B1A104KT +1005			
C906,907	nsp	CK73B0J475KT(P) +1608			
C908	nsp	CK73B1A104KT +1005			
C909	nsp	CK73B1E103KT(1005)			
C910	nsp	CK73B0J475KT(P) +1608			
C911	nsp	CK73B1E103KT(1005)			
C912,913	nsp	CK73B1A104KT +1005			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C914 C915-919 C920 C921,922 C923-929	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
C930,931 C932-937 C938 C939-944 C945	nsp nsp nsp nsp nsp	CC73CH1H180JT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B1E103KT(1005)			
C946-948 C949  CC101,102 CC103,104	nsp nsp  nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608  CS77B1A100MT(NOJ) CK73B1H102KT +1005			
CC105,106 CC107,108 CC109,110 CC111,112 CC113,114	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B1H102KT +1005 CK73B1E103KT(1005) CC73CH1H101JT +1005			
CC115 CC116 CC118 CC126 CC129	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CS77B1A100MT(NOJ) CK73B1H102KT +1005 CK73B1A104KT +1005 CC73CH1H101JT +1005			
CC130,131 CC132 CC201-208 CC209 CC210-215	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CC73CH1H101JT +1005 CC73CH1H101JT +1005 CC73CH1H5R0CT +1005 CK73B1H102KT +1005			
CC216 CC217,218 CC220,221 CC223,224 CC226-229	nsp nsp nsp nsp nsp	CC73CH1H5R0CT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005			
CC230 CC231 CC232,233 CC234 CC235	nsp nsp nsp nsp nsp	CS77B1A100MT(NOJ) CC73CH1H101JT +1005 CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B0J475KT(P) +1608			
CC236 CC237 CC238 CC239 CC241	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B1E103KT(1005) CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608			
CC242 CC243,244 CC245 CC246 CC351,352	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CE67W0J101MT(P.CAP) +REF CS77B1A100MT(NOJ)			
CC353-356 CC357-364 CC401 CC402 CC403	nsp nsp nsp nsp nsp	CK73B1H332KT +1608 CC73CH1H471JT +1608 CS77B1A100MT(NOJ) CK73B1H102KT +1005 CC73CH1H101JT +1005			
CC404-411 CC412 CC413 CC414 CC415	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CS77B1A100MT(NOJ) CK73B0J475KT(P) +1608 CK73B1E104KT +1608			
CC416,417 CC418 CC421 CC422,423 CC426-433	nsp nsp nsp nsp nsp	CS77B1A100MT(NOJ) CK73B1E104KT +1608 CE67C0J221MT(MVA) +REF CK73B1E104KT +1608 CC73CH1H100DT +1005			
CC434	nsp	CS77B1A100MT(NOJ)			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
CC501-503 CC504 CC505 CC506	nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
CC507-517 CC518 CC519 CC520 CC521-528	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
CC529,530 CC531-534 CC535 CC536 CC537	nsp nsp nsp nsp nsp	CC73CH1H150JT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
CC538 CC539 CC540 CC541-544 CC545	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CC73CH1H100DT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
CC546 CC547,548 CC549,550 CC554-563 CC601	nsp nsp nsp nsp nsp	CC73CH1H100DT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B0J475KT(P) +1608			
CC602 CC603 CC604-606 CC607 CC608	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005			
CC609,610 CC611,612 CC613 CC614,615 CC616	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005			
CC617-619 CC620,621 CC622-624 CC625-634 CC635-644	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005			
CC645-647 CC648-657 CC658-667 CC668,669 CC670	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
CC671,672 CC673,674 CC675 CC676 CC677,678	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
CC679 CC681,682 CC683 CC684,685 CC686	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CC73CH1H101JT +1005 CK73B0J475KT(P) +1608 CS77B1A100MT(NOJ)			
CC687-689 CC690 CC691 CC694,695 CC696,697	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CE67W0J101MT(P.CAP) +REF CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
CC698 CC699 CC700-704 CC705 CC706,707	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CS77B1A100MT(NOJ) CK73B0J475KT(P) +1608 CS77B1A100MT(NOJ) CK73B0J475KT(P) +1608			
CCT08 CCT09	nsp nsp	CK73B1E103KT(1005) CK73B1H102KT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CC710 CC711-714 CC784-791	nsp nsp nsp	CC73CH1H101JT +1005 CC73CH1H470JT CK73B1H102KT +1005			
	CC792,793 CC794,795 CC951 CC952 CC953,954	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1E103KT(1005) CK73B1H102KT +1005 CC73CH1H101JT +1005			
	CC955 CC956,957 CC958,959 CC960 CC961	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CC73CH1H6R0DT +1005 CK73B1H102KT +1005 CC73CH1H121JT +1005 CK73B1H102KT +1005			
	CC962-964 CC969 CC970 CC971 CC972-976	nsp nsp nsp nsp nsp	CC73CH1H121JT +1005 CK73B1H221KT +1005 CK73B1A104KT +1005 CK73B1H221KT +1005 CK73B1A104KT +1005			
	CC977 CC978 CC979 CC980 CC982,983	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B1A104KT +1005 CK73B1E103KT(1005) CK73B1H102KT +1005 CK73B0J475KT(P) +1608			
	CC984,985 CC986,987	nsp nsp	CK73B1H102KT +1005 CK73B0J475KT(P) +1608			
<b>OTHERS PARTS GROUP</b>						
	CW042 CW083 CW093 CW111 CW114,115	nsp nsp nsp nsp nsp	4P SOCKET(9120) 8P SOCKET(9120) 9P SOCKET(9120) 11P SOCKET(9120) 11P SOCKET(9120)			
	CW133 CW144 CW157 CW159	nsp nsp nsp nsp	13P SOCKET(9120) 14P SOCKET(9120) 15P SOCKET(9120) 15P SOCKET(9120)			
	CX027 CX028 CX871 CX974	nsp nsp nsp nsp	2P VH CONN BASE(L) 2P VH CONN. BASE (L) 7P FFC BASE(9610SC) 7P ZR CON BASE			
	CY053 CY124 CY136 CY171 CY421	nsp nsp nsp nsp nsp	5P PH CON BASE(TAPE) +REF 12P ZR CON. BASE 13P ZR CON BASE 17P FFC BASE(9610SC) 4P PH CON BASE(TAPE) +REF			
	CY821 CY974  FB151 FB152	nsp nsp  nsp nsp	8P PH CON.BASE(TAPE) 7P ZR CON BASE  ZBFS5105-PT CHIP EMIFIL(11A121) +1608			
	FB401 FB403,404 FB406-408 FB409 FB501	nsp nsp nsp nsp nsp	CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608 E.FIL(BLM21PG221SN1)+2125 E.FIL(BLM21PG221SN1)+2125			
	FB502 FB551 FB552 FB553,554 FB601	nsp nsp nsp nsp nsp	CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608 E.FIL(BLM21PG221SN1)+2125 CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608			
	FB602 FB603-614 FB701-704	nsp nsp nsp	CHIP BEADS(18PG121) +1608 CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	JK101	00D 205 1362 009	XMDT BUS CONNECTOR	EU,EC		
	JK102 JK401 JK402 JK501-503 JK551	00D 205 1222 000 00D 205 1333 009 00D 205 1381 006 00D 204 8719 005 00D 204 8719 005	RJ-45 JACK(GND) 8P MODULAR USB CONNECTOR 19P HDMI CONNECTOR 19P HDMI CONNECTOR			
	JK701  L401 L601 L602	00D 204 8719 005  nsp nsp nsp	19P HDMI CONNECTOR  INDUCTOR 2.2UH(7E06N) INDUCTOR(FLC32C220K)+3216 INDUCTOR6.8uH(7E06N)-1			
	L802 L901  RL701	nsp nsp  nsp	INDUCTOR(FLC32C220K)+3216 INDUCTOR(FLC32C220K)+3216  RELAY(UB2-5NUN-L1)			
	W101 W553  X101 X102	nsp nsp  nsp nsp	M3 SCREW TERMINAL M3 SCREW TERMINAL  FCX-03(24.576MHz) FCX-02(45.1584MHz)	EU,EC		
	X201 X251 X401 X551 X801	nsp nsp nsp nsp nsp	FCX-03(20.815MHz) FCX-03(20.815MHz) FCX-03(24.576MHz) FCX-03(28.322MHz) FCX-03(28.6363MHz)			
	X901 X902	nsp nsp	XTAL(13.5MHz) +REF FCX-03(12MHz)			

**1U-3800E A.VIDEO P.W.B. UNIT ASS'Y (EU,EC,BKE2,SRE2,E2A,EUT,E1C model)**

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC401-410 IC411,412 IC413,414 IC415,416	00D 263 1082 903 00D 262 3445 901 00D 262 3447 909 00D 262 3446 900	TK15420MTL +C TC4051BFT TC4053BFT TC4052BFT			
	IC417,418 IC419 IC420,421 IC505,506 IC508	00D 262 3445 901 00D 262 3446 900 00D 262 3445 901 00D 263 1197 908 00D 263 1197 908	TC4051BFT TC4052BFT TC4051BFT BU4094BCFV-E2 BU4094BCFV-E2			
	IC510 IC512 IC601 IC602,603 IC701	00D 262 3717 901 00D 262 3447 909 00D 262 3551 002 00D 263 1225 906 00D 269 0240 003	LC74781M TC4053BFT NJW1321FP1 NJM2581M-TE1 GP1FMV31RK0F			
	IC702 IC703 IC801-803 IC804,805 IC806,807	00D 263 0615 902 00D 263 1273 903 00D 269 0241 002 00D 269 0242 001 00D 262 3077 900	BA15218F-DXE2 +C NJM2566AV TORX142L(F) TOTX142L(F) TC74VHCU04FT +REF			
	IC808,809 IC810,811 IC812 IC813 IC815	00D 262 3412 905 00D 262 2944 908 00D 263 1197 908 00D 262 2944 908 00D 263 1197 908	TC74VHC14FT SN74HC151APW-EL2 +REF BU4094BCFV-E2 SN74HC151APW-EL2 +REF BU4094BCFV-E2			
	IC902  TR401-403 TR405-407 TR409-411	00D 262 3571 901  00D 271 0312 905 00D 269 0192 902 00D 269 0192 902	HIN202EIBNZ-T  KTA1504S-GR-RTK/P KRC102S-RTK/P (10K-10K) KRC102S-RTK/P (10K-10K)			
	TR501 TR502 TR503,504 TR603 TR604	00D 269 0193 901 00D 271 0312 905 00D 273 0464 901 00D 269 0192 902 00D 269 0144 905	KRC104S-RTK/P (47K-47K) KTA1504S-GR-RTK/P KTC3875S-GR-RTK/P KRC102S-RTK/P (10K-10K) DTC114YK-T146 +C			
	TR605 TR771  D401-403 D405-407	00D 271 0312 905 00D 269 0193 901  00D 276 0794 900 00D 276 0794 900	KTA1504S-GR-RTK/P KRC104S-RTK/P (47K-47K)  KDS160-RTK/P KDS160-RTK/P			
	D501,502 D608 D609,610 D801-803 D901,902	00D 276 0794 900 00D 276 0773 905 00D 276 0794 900 00D 276 0738 908 00D 276 0833 900	KDS160-RTK/P RB501V-40 +2125 KDS160-RTK/P KDS226-RTK/P (A-K) ESD PROTECTOR(6802)			
	ZD701-703 ZD704,705	00D 276 0683 930 00D 276 0829 901	UDZS5.1B-TE17 +C NSAD500F-T1B			
<b>RESISTORS GROUP</b>						
	R401-412 R420-425 R429-434 R447-454	00D 247 2019 928 00D 247 2045 918 00D 247 2045 918 00D 247 2045 918	RM73B--750FT RM73B--151FT_1608 RM73B--151FT_1608 RM73B--151FT_1608			
	R601-624 R675 R676 R677 R678	00D 247 2045 918 00D 247 2045 921 00D 247 2045 918 00D 247 2045 921 00D 247 2045 918	RM73B--151FT_1608 RM73B--161FT_1608 RM73B--151FT_1608 RM73B--161FT_1608 RM73B--151FT_1608			
	R679 R680 R681 R682	00D 247 2045 921 00D 247 2045 918 00D 247 2045 921 00D 247 2045 918	RM73B--161FT_1608 RM73B--151FT_1608 RM73B--161FT_1608 RM73B--151FT_1608			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
R683	00D 247 2045 921	RM73B--161FT_1608			
R684	00D 247 2045 918	RM73B--151FT_1608			
R685	00D 247 2045 921	RM73B--161FT_1608			
R686	00D 247 2045 918	RM73B--151FT_1608			
R687	00D 247 2045 921	RM73B--161FT_1608			
R688	00D 247 2045 918	RM73B--151FT_1608			
R689	00D 247 2045 921	RM73B--161FT_1608			
R690	00D 247 2045 918	RM73B--151FT_1608			
R691	00D 247 2045 921	RM73B--161FT_1608			
R692	00D 247 2045 918	RM73B--151FT_1608			
R701	00D 247 2019 928	RM73B--750FT			
R702	00D 247 2045 918	RM73B--151FT_1608			
R703	00D 247 2046 904	RM73B--181FT_1608			
R706	00D 247 2019 928	RM73B--750FT			
RR420	00D 247 2045 950	RM73B--182FT_1608			
RR421	00D 247 2027 907	RM73B--511FT +1608			
RR422	00D 247 2045 950	RM73B--182FT_1608			
RR428	00D 247 2045 963	RM73B--222FT_1608			
RR429	00D 247 2019 957	RM73B--681FT +1608			
RR430	00D 247 2045 963	RM73B--222FT_1608			
RR434	00D 247 2045 992	RM73B--273FT_1608			
RR435	00D 247 2045 976	RM73B--432FT_1608			
RR436	00D 247 2045 989	RM73B--243FT_1608			
RR557	00D 247 2019 928	RM73B--750FT			
RR560,561	00D 247 2019 928	RM73B--750FT			
RR734	00D 247 2019 928	RM73B--750FT			
RR736	00D 247 2019 928	RM73B--750FT			
RR738	00D 247 2019 928	RM73B--750FT			

**CAPACITORS GROUP**

C401-410 C413-422 C423-444 C445-450	nsp 00D 254 4522 932 nsp 00D 254 4536 928	CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1H103KT (1608) +1608 CE04W1A101MT SMG/RE3		
C451-458 C459-462 C463-465 C467-469 C470	nsp 00D 254 4522 932 nsp nsp nsp	CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1E473KT +1608 CK73B1E104KT +1608 CK73B1A105KT +1608		
C471-473 C476 C478 C479-481 C501	nsp nsp nsp nsp 00D 254 4524 985	CK73B1E473KT +1608 CK73B1A105KT +1608 CK73B1A105KT +1608 CK73B1E473KT +1608 CE04W1H100MT SMG/RE3		
C502 C506 C507,508 C518 C521	nsp nsp 00D 254 4522 932 nsp 00D 254 4536 928	CK73B1H103KT (1608) +1608 CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1H103KT (1608) +1608 CE04W1A101MT SMG/RE3		
C522 C523 C524 C525 C527	nsp 00D 254 4524 943 00D 254 4524 985 nsp nsp	CK73B1E104KT +1608 CE04W1H010MT SMG/RE3 CE04W1H100MT SMG CC73CH1H6R0DT +1608 CC73CH1H6R0DT +1608		
C528 C529 C530 C531 C534	nsp 00D 257 0504 911 nsp nsp nsp	CK73B1E104KT +1608 CC73CH1H240JT CK73B1H122KT +1608 CK73B1E104KT +1608 CK73B1H103KT (1608) +1608		
C535 C536 C537 C538 C546,547	00D 257 0504 911 00D 254 4524 943 nsp 00D 254 4524 943 nsp	CC73CH1H240JT CE04W1H010MT SMG/RE3 CK73B1E104KT +1608 CE04W1H010MT SMG/RE3 CK73B1H103KT (1608) +1608		

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C601-603 C604-607 C608 C609 C610	nsp 00D 254 4524 985 nsp 00D 254 4524 985 nsp	CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CK73B1E104KT +1608			
C611 C612 C613 C614 C615	00D 254 4524 985 nsp 00D 254 4524 985 nsp 00D 254 4524 985	CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1H100MT SMG/RE3			
C616 C617 C618 C619,620 C621-629	nsp 00D 254 4524 985 nsp 00D 254 4538 942 nsp	CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1C101MT SMG/RE3 CK73B1E104KT +1608			
C630 C631 C632 C633 C634	00D 254 4524 985 nsp 00D 254 4524 985 nsp 00D 254 4524 985	CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1H100MT SMG/RE3			
C635 C636-641 C645-650 C654 C655	00D 254 4524 943 00D 254 4536 928 nsp nsp 00D 254 4522 932	CE04W1H010MT SMG/RE3 CE04W1A101MT SMG/RE3 CK73B1H103KT (1608) +1608 CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3			
C656 C657 C660-663 C666 C668	nsp 00D 254 4522 932 nsp nsp nsp	CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1H103KT (1608) +1608 CK73B1E473KT +1608 CK73B1E473KT +1608			
C670 C671 C672 C673 C674	nsp nsp 00D 254 4522 932 nsp 00D 254 4522 932	CC73CH1H221JT +1608 CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3			
C677-680 C683 C684 C685 C701-703	nsp nsp nsp nsp nsp	CK73B1H103KT (1608) +1608 CK73B1H103KT (1608) +1608 CK73B1E473KT +1608 CK73B1A105KT +1608 CK73B1H103KT (1608) +1608			
C704 C705-707 C708 C709,710 C711-713	00D 254 4196 944 00D 257 0521 949 nsp nsp nsp	CE04W1H010MT (SRA) CK73B1A474KT CK73B1H103KT (1608) +1608 CC73CH1H221JT +1608 CK73B1H103KT (1608) +1608			
C715 C716 C718 C719 C721	nsp 00D 254 4196 944 00D 254 4305 968 nsp nsp	CK73B1H103KT (1608) +1608 CE04W1H010MT (SRA) CE04W1H010MT(SRE) CC73CH1H101JT +1608 CK73B1E104KT +1608			
C722 C723,724 C725 C726 C728	nsp 00D 254 4305 968 nsp nsp nsp	CC73CH1H151JT +1608 CE04W1H010MT(SRE) CC73CH1H101JT +1608 CC73CH1H151JT +1608 CK73B1E104KT +1608			
C729,730 C731 C733 C734 C736	00D 254 4305 968 nsp nsp nsp nsp	CE04W1H010MT(SRE) CK73B1E104KT +1608 CK73B1H103KT (1608) +1608 CK73B1H102KT +1608 CK73B1E104KT +1608			
C739-741 C742 C804,805 C806-813 C814-820	nsp 00D 254 4645 903 00D 254 4522 932 nsp 00D 254 4524 972	CK73B1E104KT +1608 CE67C0J221MT(MVA) +REF CE04W1V330MT SMG/RE3 CK73B1E104KT +1608 CE04W1H4R7MT SMG/RE3			
C821	00D 254 4536 928	CE04W1A101MT SMG/RE3			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C822-829 C831 C934 C935	nsp	CK73B1E104KT +1608 CK73B1E104KT +1608 CC73CH1H101JT +1608 CK73B1H103KT (1608) +1608			
C936 C937 C938 C939 C941,942	nsp	CK73B1E104KT +1608 CC73CH1H101JT +1608 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608 CC73CH1H101JT +1608			
C943 C944-948  CC402 CC403,404	00D 254 4524 985 nsp  00D 254 4524 985 nsp	CE04W1H100MT SMG/RE3 CK73B1E104KT +1608  CE04W1H100MT SMG/RE3 CK73B1H103KT (1608) +1608			
CCT702 CCT707 CCT709 CCT712 CCT714	nsp 00D 254 4524 985 nsp 00D 254 4536 928 00D 254 4536 928	CK73B1H103KT (1608) +1608 CE04W1H100MT SMG/RE3 CK73B1H103KT (1608) +1608 CE04W1A101MT SMG/RE3 CE04W1A101MT SMG/RE3			
CCT715 CCT16-718 CCT19 CCT20 CCT21-723	nsp 00D 254 4524 985 nsp nsp 00D 254 4536 928	CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CK73B1H103KT (1608) +1608 CE04W1A101MT SMG/RE3			
CC724	00D 254 4327 904	CE04W0J102MT(SMG)			

**OTHERS PARTS GROUP**

CW054	nsp	5P CON.SOCKET TUC-P			
CW082 CW092 CW102 CW112,113 CW132	nsp nsp nsp nsp nsp	8P CON.SOCKET(TUC-P) 9P SOCKET(9120) 10P CON.SOCKET TUC-P 11P SOCKET(9120) 13P SOCKET(9120)			
CW962  CX044 CX053 CX054	nsp  nsp nsp	6P CON.SOCKET(TUC-P)  4P CON.BASE(TUC-P) 5P PH CON.BASE(L) +REF 5P CON.BASE TUC-P			
CX072 CX092,093 CX112-115 CX132,133 CX171	nsp nsp nsp nsp 00D 205 1100 038	7P CONN.BASE(KR-PH) 9P PIN HEADER(9120) 11P PIN HEADER(9120) 13P PIN HEADER(9120) 17P FFC BASE(P=1)			
CX903 CX960  CY271	nsp nsp  00D 205 1329 000	9P D-SUB CONNECTOR 6P CON.BASE(TUC-P)  27P FFC BASE(9610SB)			
FB501 FB701 FB901,902  JK401-403	00D 235 0049 900 00D 235 0147 909 nsp  00D 204 8745 011	BEADS INDUCTOR TAPE E.FIL(BLM21PG221SN1)+2125 RM73B--0R0KT +1608  6P S&PIN JACK(NI)			
JK404 JK601,602 JK701 JK703 JK704	00D 204 8736 017 00D 204 8743 013 00D 205 0906 000 00D 204 8260 004 00D 205 1381 006	1P PIN JACK(FG/NI-YEL) 6P PIN JACK(FG/NI-GBR) 1P S-TERMINAL(AU.SW) MINI JACK USB CONNECTOR			
JK707 JK708 JK801  L501	00D 204 8730 000 00D 204 8744 025 00D 204 8744 012  00D 235 0150 941	3P PINJACK(BK/AU) 3P PIN JACK(FG/NI-GBR) 3P PIN JACK(FG/NI-ORG)  LQH32MN330J23L			
W701-703	nsp	M3 SCREW TERMINAL			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	X501	00D 399 0739 019	X'TAL(14.32M-RIBER)			

**1U-3806 P.AMP P.W.B. UNIT ASS'Y (EU,EC,EUT,E1C model)**  
**1U-3806A P.AMP P.W.B. UNIT ASS'Y (BKE2,SRE2,E2A model)**

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>					
IC801	00D 262 3676 903	TC74VHCT08AF(E,K,F)			
IC802	00D 262 2580 906	CXA1511M +C			
TR101	00D 271 0301 903	KTA1268-BL-AT/P			
TR102-108	00D 273 0458 904	KTC3200-BL-AT/P			
TR109-112	00D 269 0184 907	KRA102S-RTK/P (10K-10K)			
TR114,115	00D 269 0184 907	KRA102S-RTK/P (10K-10K)			
TR121	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR123	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR125	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR127	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR131	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR133	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR147	00D 271 0301 903	KTA1268-BL-AT/P			
TR149	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR152	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR153	00D 271 0312 905	KTA1504S-GR-RTK/P			
TR155	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR157	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR158	00D 271 0312 905	KTA1504S-GR-RTK/P			
TR161,162	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR165	00D 271 0312 905	KTA1504S-GR-RTK/P			
TR166	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR705-728	00D 273 0460 905	KTC2875-B-RTK/P			
TR801	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR802,803	00D 269 0191 903	KRA104S-RTK/P (47K-47K)			
TR804	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR805	00D 271 0326 904	2SA1954(B)-TE85L			
TR806	00D 271 0316 901	KTA1042D-Y-RTF/P			
TR807	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
TR808	00D 271 0316 901	KTA1042D-Y-RTF/P			
TR809	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
D101-121	00D 276 0401 905	1SS133T77 (TAPE)			
D147	00D 276 0683 930	UDZS5.1B-TE17 +C			
D151-154	00D 276 0338 007	S4VB20F			
D166-169	00D 276 0401 905	1SS133T77 (TAPE)			
D171,172	00D 276 0401 905	1SS133T77 (TAPE)			
D801,802	00D 276 0794 900	KDS160-RTK/P			
D803-805	00D 276 0833 900	ESD PROTECTOR(6802)			
D806	00D 276 0794 900	KDS160-RTK/P			
ZD101-114	00D 276 0643 970	MTZJ4.7A T77			
ZD801	00D 276 0798 906	UDZS6.2B-TE17			
ZD802,803	00D 276 0683 998	UDZS16B-TE17 +C			
<b>RESISTORS GROUP</b>					
R108-121	00D 244 2050 904	RS14B3A220JNBST(S)			
R122-149	00D 244 2671 956	RS14B3DR47JNBST(S)			
R171	00D 244 2051 961	RS14B3A101JNBST(S)			
R193	00D 241 2387 940	RD14B2E4R7JNBST			
R215,216	00D 243 2039 032	RW99=3H0R1K			
R217-223	00D 244 2682 945	RS14B3D2R2JNBST(S)			
R224-230	00D 244 2671 901	RS14B3D100JNBST(S)			
R233-235	00D 244 2055 996	RS14B3A122JNBST(S)			
R236-239	00D 244 2052 960	RS14B3A221JNBST(S)			
VR101-107	00D 211 6158 909	V06PB331T	BKE2,SRE2,E2A		

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>CAPACITORS GROUP</b>					
C101-107 C108 C110-123 C110 C111-122	00D 254 4574 922 00D 254 4587 715 00D 254 4527 982 00D 254 4581 928 00D 254 4581 915	CE04W1H101MT(RA3) CE04W2A101MC(RA3) CE04W2A100MT SMG/RE3 CE04W2A4R7MT(ROB) CE04W2A100MT(ROB)	EU,EC,EUT,E1C BKE2,SRE2,E2A BKE2,SRE2,E2A		
C123 C181 C197 C199 C200	00D 254 4581 928 nsp 00D 254 4525 913 nsp 00D 254 4533 947	CE04W2A4R7MT(ROB) CK73B1H103KT (1608) +1608 CE04W1H470MT SMG/RE3 CK73B1E104KT +1608 CE04W0J331MT SMG/RE3	BKE2,SRE2,E2A		
C201 C202 C203 C204 C205	00D 257 0043 906 00D 254 4524 985 nsp 00D 257 0043 906 00D 254 4533 947	CK73U2J2E221JT(2125) CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CK73U2J2E221JT(2125) CE04W0J331MT SMG/RE3			
C206 C207 C208 C209 C210-216	00D 257 0043 906 nsp 00D 254 4533 947 00D 257 0043 906 00D 255 1279 919	CK73U2J2E221JT(2125) CK73B1E104KT +1608 CE04W0J331MT SMG/RE3 CK73U2J2E221JT(2125) CQ93M1H473JT(B)			
C217 C218,219 C220-226 C227,228 C229,230	00D 254 4524 943 00D 254 6257 001 00D 255 1264 982 00D 257 0043 906 00D 256 1064 907	CE04W1H010MT SMG/RE3 CE68W==153M(DL) CQ93M1H472JT(B) CK73U2J2E221JT(2125) CF93A2E334KT(B)L=16			
C231 C232,233 C234 C235 C236	nsp 00D 257 0043 906 00D 256 1064 907 nsp 00D 257 0043 906	CK73B1H102KT +1608 CK73U2J2E221JT(2125) CF93A2E334KT(B)L=16 CK73B1H102KT +1608 CK73U2J2E221JT(2125)			
C237-241 C242,243 C244,245 C705-716 C705,706	nsp 00D 255 1264 982 nsp 00D 254 4524 985 00D 254 4573 981	CK73B1H102KT +1608 CQ93M1H472JT(B) CK73B1H102KT +1608 CE04W1H100MT SMG/RE3 CE04W1H100MT(RA3)	EU,EC,EUT,E1C BKE2,SRE2,E2A		
C707-716 C718-723 C724-735 C724,725 C726-735	00D 254 4524 985 nsp 00D 254 4524 985 00D 254 4573 981 00D 254 4524 985	CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CE04W1H100MT(RA3) CE04W1H100MT SMG/RE3	BKE2,SRE2,E2A EU,EC,EUT,E1C BKE2,SRE2,E2A BKE2,SRE2,E2A		
C803,804 C805 C806 C807 C808	nsp nsp nsp 00D 254 4193 905 nsp	CK73B1E104KT +1608 CK73B1H102KT +1608 CK73B1E104KT +1608 CE04W1C100MT (SRA) CK73B1H102KT +1608			
C809 C810 C811 C812 C813	nsp nsp 00D 254 4196 944 nsp nsp	CK73B1E104KT +1608 CK73B1H102KT +1608 CE04W1H010MT (SRA) CC73CH1H101JT +1608 CK73B1H103KT (1608) +1608			
C814 C815 C816,817 C818,819 C820,821	00D 254 4538 926 nsp nsp nsp nsp	CE04W1C330MT SMG/RE3 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608 CC73CH1H221JT +1608 CK73B1E104KT +1608			
C824 C825	nsp nsp	CK73B1H102KT +1608 CK73B1E104KT +1608			
<b>OTHERS PARTS GROUP</b>					
CW142,143 CW162 CW960	nsp nsp nsp	14P CON.SOCKET TUC-P 16P CON.SOCKET TUC-P 6P CON.SOCKET(TUC-P)			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
CX041	nsp	4P CON.BASE(TUC-P)			
CX052	nsp	5P VH CONNECTOR BASE			
CX061-066	nsp	6P CON.BASE(TUC-P)			
CX071	nsp	7P CON.BASE(TUC-P)			
CX077	nsp	7P CON.BASE(TUC-P)			
CX091	nsp	9P CON.BASE TUC-P			
CX110	nsp	11P CON.BASE TUC-P			
CX111	nsp	11P PIN HEADER(9120)			
CX144	nsp	14P PIN HEADER(9120)			
CX151,152	nsp	15P CON.BASE TUC-P			
CX157	nsp	15P PIN HEADER(9120)			
FB801-813	nsp	RM73B--0R0KT +2125			
JK101	00D 205 1252 009	4P SP TERMINAL(V0)			
JK102	00D 205 1251 000	6P SP TERMINAL(V0)			
JK103	00D 205 1250 001	8P SP TERMINAL(V0)			
JK801	00D 204 8424 002	H/PHONE JACK			
JK802,803	00D 204 8260 004	MINI JACK			
JK804,805	00D 204 8649 007	MINI JACK (RD)			
L101-107	00D 235 0191 007	INDUCTOR(1MH)			
RL101-103	00D 214 0217 007	RELAY(DS24D2)			
RL105	00D 214 0217 007	RELAY(DS24D2)			
RL107	00D 214 0217 007	RELAY(DS24D2)			
RL108	00D 214 0208 003	RELAY(NA24W-K)			
ST701,702	nsp	STYLE PIN			
TP101	nsp	6P NH CONNECTOR BASE			
TP102	nsp	8P NH CONNECTOR BASE			
TP103	nsp	3P NH CONNECTOR BASE			
VR101-107	00D 211 6131 939	V06PB331T			
W105	nsp	1P WIRE			
W701	nsp	1P WIRE			
W801	nsp	M3 SCREW TERMINAL			
	nsp	CUPPER TAPE(W=8)			
	nsp	RUBBER SHEET			

**1U-3802E P.SUPPLY P.W.B. UNIT ASS'Y (EU,EC model)****1U-3802F P.SUPPLY P.W.B. UNIT ASS'Y (BKE2,SRE2,E2A model)****1U-3802G P.SUPPLY P.W.B. UNIT ASS'Y (EUT model)****1U-3802H P.SUPPLY P.W.B. UNIT ASS'Y (E1C model)**

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	TR401,402	00D 273 0468 907	KTC3199-GR-AT/P			
	TR803	00D 271 0301 903	KTA1268-BL-AT/P			
	TR805-811	00D 271 0301 903	KTA1268-BL-AT/P			
	TR813-816	00D 271 0301 903	KTA1268-BL-AT/P			
	TR817-819	00D 273 0471 907	KTC3206-Y-AT/P			
	TR821-824	00D 273 0471 907	KTC3206-Y-AT/P			
	TR825-827	00D 271 0314 903	KTA1024-Y-AT/P			
	TR829-832	00D 271 0314 903	KTA1024-Y-AT/P			
	TR833-835	00D 273 0471 907	KTC3206-Y-AT/P			
	TR837-840	00D 273 0471 907	KTC3206-Y-AT/P			
	TR901,902	00D 271 0301 903	KTA1268-BL-AT/P			
	D401	00D 276 0704 903	1SR35-400A(T93X)			
	D403-410	00D 276 0704 903	1SR35-400A(T93X)			
	D411,412	00D 276 0401 905	1SS133T77 (TAPE)			
	D413-415	00D 276 0704 903	1SR35-400A(T93X)			
	D417	00D 276 0305 001	S4VB20			
	D501	00D 276 0305 001	S4VB20			
	D504	00D 276 0305 001	S4VB20			
	D505,506	00D 276 0704 903	1SR35-400A(T93X)			
	D801-803	00D 276 0401 905	1SS133T77 (TAPE)			
	D805-811	00D 276 0401 905	1SS133T77 (TAPE)			
	D813-819	00D 276 0401 905	1SS133T77 (TAPE)			
	D821-826	00D 276 0401 905	1SS133T77 (TAPE)			
<b>RESISTORS GROUP</b>						
	R404	00D 244 2050 904	RS14B3A220JNBST(S)			
	R405	00D 244 2064 974	RS14B3A330JNBST(S)			
	R410	00D 242 2009 001	RC1/2 225K B(UL)	EU,EC		
	R825-827	00D 241 2379 987	RD14B2E102JNBST			
	R829-832	00D 241 2379 987	RD14B2E102JNBST			
	R849-851	00D 241 2379 987	RD14B2E102JNBST			
	R853-856	00D 241 2379 987	RD14B2E102JNBST			
	R865-867	00D 244 2671 914	RS14B3D153JNBST(S)			
	R869-872	00D 244 2671 914	RS14B3D153JNBST(S)			
	R873-875	00D 241 2378 946	RD14B2E271JNBST			
	R877-883	00D 241 2378 946	RD14B2E271JNBST			
	R885-891	00D 241 2378 946	RD14B2E271JNBST			
	R893-896	00D 241 2378 946	RD14B2E271JNBST			
<b>CAPACITORS GROUP</b>						
	C402	00D 254 4524 943	CE04W1H010MT SMG/RE3			
	C403	00D 254 4442 708	CE04W1C682MC (SMG)			
	C405	00D 254 4524 943	CE04W1H010MT SMG/RE3			
	C407	00D 255 1279 951	CQ93M1H104JT(B)			
	C408,409	00D 253 8022 707	CK45F2EAC103MC			
	C410	00D 255 1279 951	CQ93M1H104JT(B)			
	C411	00D 254 4523 724	CE04W1V472MC SMG/RE3			
	C412	00D 255 1279 951	CQ93M1H104JT(B)			
	C501	00D 256 1042 903	CF93A2E104KT			
	C502,503	00D 255 1279 951	CQ93M1H104JT(B)			
	C504,505	00D 254 6258 000	CE68W1V822M			
	C513-515	00D 255 1279 951	CQ93M1H104JT(B)			
	C516,517	00D 254 4428 706	CE04W1V222MC (SMG)			
	C518,519	00D 254 4761 706	CE04W1C153MC(SMQ)			
	C801-803	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C804	00D 254 4524 943	CE04W1H010MT SMG/RE3			
	C805-808	00D 254 4524 985	CE04W1H100MT SMG/RE3			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C809-811 C813-816 C817-819 C821-824	00D 255 1273 944 00D 255 1273 944 00D 255 1273 986 00D 255 1273 986	CQ93M1H221KT(B) CQ93M1H221KT(B) CQ93M1H471JT(B) CQ93M1H471JT(B)			
	C825-827 C829-832 C833-835 C837-840 C841-843	00D 255 1264 953 00D 255 1264 953 00D 253 4552 909 00D 253 4552 909 00D 254 4579 707	CQ93M1H272JT(B) CQ93M1H272JT(B) CC45SL2H330JT CC45SL2H330JT CE04W1H221MC(RA3)			
	C845-848 C857-859 C861-864 C865-867 C869-872	00D 254 4579 707 00D 253 4550 901 00D 253 4550 901 00D 253 4551 900 00D 253 4551 900	CE04W1H221MC(RA3) CC45SL2H050CT CC45SL2H050CT CC45SL2H470JT CC45SL2H470JT			
	C873-875 C877-880	00D 255 1275 942 00D 255 1275 942	CQ93M2A221KT(B) CQ93M2A221KT(B)			
<b>OTHERS PARTS GROUP</b>						
	CW041 CW051 CW061-066 CW077 CW091	nsp nsp nsp nsp nsp	4P CON.SOCKET(TUC-P) 5P CON.SOCKET TUC-P 6P CON.SOCKET(TUC-P) 7P CON.SOCKET(TUC-P) 9P CON.SOCKET TUC-P			
	CW095-097 CW119 CW123 CW135 CW151	nsp nsp nsp nsp nsp	9P CON.SOCKET TUC-P 11P CON.SOCKET TUC-P 12P CON.SOCKET TUC-P 13P CON.SOCKET(TUC-P) 15P CON.SOCKET TUC-P			
	CW191 CW192 CW931-932 CW945	nsp nsp nsp nsp	19P CON.BASE(TWG-P) 19P CON.PLUG(TWG-P) JL CONNECTOR(F-E) 4P CON.SOCKET(TUC-P)	BKE2,SRE2,E2A		
	CX021 CX022 CX023 CX025 CX033	nsp nsp nsp nsp nsp	2P VH CONNECTOR BASE 2P VH CON BASE (Red) 2P VH CON BASE (White) 2P VH CON BASE (Blue) 3P EH CON BASE (RD)			
	CX034 CX046 CX068 CX070 CX081	nsp nsp nsp nsp nsp	3P EH CON BASE (BU) 4P EH CONN. BASE(RD) 6P CON.BASE(TUC-P) 7P CONN.BASE(KR-PH) 8P CON BASE(TUC-P)			
	CX084 CX094 CX124 CX143 CX155	nsp nsp nsp nsp nsp	8P CON BASE(TUC-P) 9P CON.BASE TUC-P 12P ZR CON. BASE 14P CON.BASE TUC-P 15P CON.BASE TUC-P			
	CX156 CX192 CX931 CX932 CX962	nsp nsp nsp nsp nsp	15P PIN HEADER(9120) 19P CON.BASE(TWG-P) JL CONNECTOR(BT-E) JL CONNECTOR(BT-E) 6P CON.BASE(TUC-P)	BKE2,SRE2,E2A BKE2,SRE2,E2A		
	CX965	nsp	6P CON.BASE(TUC-P)			
⚠	F401 F401 F402	00D 206 1086 016 00D 206 1015 090 00D 206 1046 014	FUSE 10A (UL/CSA/J) FUSE (5A) FUSE 8A	EU,EC,EUT BKE2,SRE2,E2A,E1C EU,EC,EUT		
⚠	F402 F403 F403 F501 F501	00D 206 1015 032 00D 206 1039 076 00D 206 1015 058 00D 206 1046 027 00D 206 1015 087	FUSE (2.5A) FUSE 2.5A FUSE 1.6A FUSE 5A FUSE (4.0A)	BKE2,SRE2,E2A EU,EC,EUT BKE2,SRE2,E2A,E1C EU,EC,EUT BKE2,SRE2,E2A,E1C		
⚠	F502 F502	00D 206 1046 027 00D 206 1015 087	FUSE 5A FUSE (4.0A)	EU,EC,EUT BKE2,SRE2,E2A,E1C		



**1U-3845 FRONT P.W.B. UNIT ASS'Y (EU,EC,EUT model)**  
**1U-3845A FRONT P.W.B. UNIT ASS'Y (BKE2,SRE2,E2A model)**  
**1U-3845H FRONT P.W.B. UNIT ASS'Y (E1C model)**

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>					
△ IC101	00D 499 0318 002	GP1UM271XKVF			
IC102	00D 268 0073 905	ICP-N15T			
IC601	00D 263 1274 009	NJM2396F12			
IC602	00D 263 1100 005	KIA7805API-U/P			
IC603	00D 279 0034 067	PTH9M04BB222TS2F333			
IC608	00D 263 1163 000	KIA78R09PI-U/P			
IC609	00D 263 1092 003	BA05T			
IC610	00D 263 0554 005	NJM7905FA			
TR101	00D 269 0191 903	KRA104S-RTK/P (47K-47K)			
TR102	00D 274 0212 907	2SD1782KT146			
TR103	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
TR106	00D 273 0494 900	KTC2022D-Y-RTF/P			
TR112,113	00D 274 0212 907	2SD1782KT146			
TR301	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR302,303	00D 271 0312 905	KTA1504S-GR-RTK/P			
TR304	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
TR371-373	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR601	00D 273 0468 907	KTC3199-GR-AT/P			
TR602	00D 271 0311 906	KTA1267-GR-AT/P			
TR603	00D 274 0198 005	KTD998-O-U/P			
TR604	00D 272 0158 007	KTB778-O-U/P			
TR605	00D 273 0468 907	KTC3199-GR-AT/P			
TR606	00D 271 0311 906	KTA1267-GR-AT/P			
TR607	00D 272 0158 007	KTB778-O-U/P			
TR608	00D 274 0198 005	KTD998-O-U/P			
TR609	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR610	00D 271 0313 904	KTA1281-Y-AT/P			
TR615	00D 273 0464 901	KTC3875S-GR-RTK/P			
TR626	00D 271 0313 904	KTA1281-Y-AT/P			
TR627	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
TR628	00D 273 0469 906	KTC3209-Y-AT/P			
TR629	00D 271 0311 906	KTA1267-GR-AT/P			
TR630	00D 272 0158 007	KTB778-O-U/P			
TR631	00D 274 0198 005	KTD998-O-U/P			
TR632	00D 269 0206 908	KRC102M-AT/P (10K-10K)			
TR633	00D 271 0312 905	KTA1504S-GR-RTK/P			
D101	00D 276 0704 903	1SR35-400A(T93X)			
D602-606	00D 276 0401 905	1SS133T77 (TAPE)			
D620	00D 276 0401 905	1SS133T77 (TAPE)			
D623,624	00D 276 0723 900	RB721Q-40			
ZD101,102	00D 276 0480 900	HZS22-1TD			
ZD103	00D 276 0636 903	MTZJ8.2BT77			
ZD601,602	00D 276 0468 906	HZS9B-1TD			
ZD603,604	00D 276 0475 902	HZS12C-1TD			
ZD605	00D 276 0471 906	HZS11B-1TD			
ZD609	00D 276 0465 912	HZS7B-2TD			
ZD610,611	00D 276 0471 906	HZS11B-1TD			
ZD612,613	00D 276 0475 902	HZS12C-1TD			
ZD615	00D 276 0476 901	HZS15-1 TD(TAPE)			
ZD616	00D 276 0465 912	HZS7B-2TD			
LD301	00D 393 9671 002	SMLU12416W-S			
LD371-373	00D 393 9662 901	SEL1410ETP2(D2/D3)			
FL101	00D 393 8094 004	FLD(19-BT-08GINK)			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>RESISTORS GROUP</b>					
R146	00D 244 2043 937	RS14B3A100JNBST(S)			
R149 R601,602 R605,606 R634 R638	00D 244 2043 937 00D 244 2050 988 00D 244 2050 988 00D 241 2376 919 00D 241 2376 919	RS14B3A100JNBST(S) RS14B3A202JNBST(S) RS14B3A202JNBST(S) RD14B2E300JNBST RD14B2E300JNBST			
R639 R641	00D 244 2055 912 00D 244 2055 912	RS14B3AR47JNBST(S) RS14B3AR47JNBST(S)			
<b>CAPACITORS GROUP</b>					
C101 C102 C103,104 C105 C106	00D 255 1279 951 00D 256 1042 903 nsp nsp 00D 254 4193 905	CQ93M1H104JT(B) CF93A2E104KT CK73B1E104KT +1608 CC73CH1H101JT +1608 CE04W1C100MT (SRA)			
C107 C108 C109 C110 C115,116	nsp 00D 255 1279 951 00D 254 4538 942 00D 254 4524 985 00D 254 4812 707	CC73CH1H101JT +1608 CQ93M1H104JT(B) CE04W1C101MT SMG/RE3 CE04W1H100MT SMG/RE3 CE04W1H471MC(SRG/K15)			
C117,118 C122 C125 C126 C127	nsp nsp nsp 00D 254 4527 940 00D 254 4802 908	CK73B1E104KT +1608 CK73B1H102KT +1608 CK73B1E104KT +1608 CE04W2A010MT SMG/RE3 CE04W1J101MT(RA3)			
C129 C130 C131 C132-135 C136	nsp nsp nsp nsp nsp	CK73B1H103KT (1608) +1608 CC73CH1H101JT +1608 CK73B1H103KT (1608) +1608 CK73B1H102KT +1608 CK73B1H103KT (1608) +1608			
C137 C138 C139 C140 C141	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608			
C142 C143 C302 C303 C304	nsp nsp nsp nsp nsp	CK73B1H103KT (1608) +1608 CK73B1E104KT +1608 CK73B1H102KT +1608 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608			
C306,307 C381,382 C391,392 C606,607 C608,609	nsp nsp nsp 00D 254 4524 985 00D 254 4574 922	CK73B1E104KT +1608 CK73B1E104KT +1608 CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CE04W1H101MT(RA3)			
C610,611 C612,613 C614 C616 C617	00D 254 4524 985 00D 254 4541 955 00D 254 4524 943 00D 254 4524 943 00D 254 4574 922	CE04W1H100MT SMG/RE3 CE04W1E221MT SMG/RE3 CE04W1H010MT SMG/RE3 CE04W1H010MT SMG/RE3 CE04W1H101MT(RA3)			
C620 C645-649 C650 C651 C733,734	00D 254 4524 985 00D 254 4524 943 00D 254 4653 911 00D 254 4524 943 00D 255 1264 908	CE04W1H100MT SMG/RE3 CE04W1H010MT SMG/RE3 CE04W1V271MT H20D(KY) CE04W1H010MT SMG/RE3 CQ93M1H102JT(B)			
C737,738	00D 255 1279 951	CQ93M1H104JT(B)			
<b>OTHERS PARTS GROUP</b>					
CW043,044	nsp	4P CON.SOCKET(TUC-P)			
CW103,104	nsp	10P CON.SOCKET TUC-P			
CX043	nsp	4P CON.BASE(TUC-P)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CX051 CX095-097	nsp nsp	5P CON.BASE TUC-P 9P CON.BASE TUC-P			
	CX103,104 CX118,119 CX122,123 CX135 CX945	nsp nsp nsp nsp nsp	10P CON.BASE TUC-P 11P CON.BASE TUC-P 12P CON.BASE TUC-P 13P CON.BASE(TUC-P) 4P CON.BASE(TUC-P)			
	CX963  CY022 CY251	nsp  nsp 00D 205 1316 000	6P CONN BASE  2P VH CON BASE (Red) 25P FFC BASE(9610S)Y			
	FB101,102  JK702  S301	nsp  00D 204 8217 031  00D 212 5611 903	RM73B--0R0KT +2125  H/P JACK (BK(AU))  TACT SWITCH(TAPE H5)			
	S302 S331-345 S347 S349-351 S371-373	00D 212 1030 009 00D 212 5611 903 00D 212 5611 903 00D 212 5611 903 00D 212 5611 903	POWER SWITCH (TV-5) TACT SWITCH(TAPE H5) TACT SWITCH(TAPE H5) TACT SWITCH(TAPE H5) TACT SWITCH(TAPE H5)			
	S381 S391 S392 S393-395	00D 212 0373 000 00D 212 5611 903 00D 212 0373 000 00D 212 5611 903	ROT.ENCODER-EC16B TACT SWITCH(TAPE H5) ROT.ENCODER-EC16B TACT SWITCH(TAPE H5)			
	W705	nsp  nsp nsp nsp	M3 SCREW TERMINAL  3X8 CPS(SW,W) ZNP RADIATOR UL TUBE(1.0) BK  RUBBER SHEET			

**1U-3804E AUDIO/CPU P.W.B. UNIT ASS'Y (EU,EC model)**  
**1U-3804F AUDIO/CPU P.W.B. UNIT ASS'Y (BKE2,SRE2 model)**  
**1U-3804G AUDIO/CPU P.W.B. UNIT ASS'Y (E2A,EUT model)**  
**1U-3804H AUDIO/CPU P.W.B. UNIT ASS'Y (E1C model)**

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	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC101-112 IC301 IC302,303 IC304-309	00D 263 0896 909 00D 262 3739 002 00D 262 3727 904 00D 263 0896 909	NJM2068MD-TE1 +C APPA300 NJW1194V-TE1 NJM2068MD-TE1 +C			
	IC451 IC501 IC701 IC701 IC701	00D 263 0896 909 00D 263 0896 909 00D GEN 8560 00D GEN 8560 A 00D GEN 8560 C	NJM2068MD-TE1 NJM2068MD-TE1 +C MAIN CPU SUB ASSY MAIN CPU SUB ASSY MAIN CPU SUB ASSY	E1C M3087BFLBGP : EU,EC M3087BFLBGP : E2,E2A,EUT M3087BFLBGP : E1C		
	IC801,802 IC901 IC903 IC904	00D 262 3410 907 00D 262 3360 905 00D 263 0896 909 00D 263 0896 909	TC74VHCT08AFT LC72722PM-TLM NJM2068MD-TE1 +C NJM2068MD-TE1 +C	BKE2,SRE2,E2A Except for E1C		
	TR501 TR502 TR503 TR504 TR505	00D 271 0301 903 00D 274 0160 907 00D 271 0301 903 00D 273 0458 904 00D 269 0193 901	KTA1268-BL-AT/P 2SD2144STPU KTA1268-BL-AT/P KTC3200-BL-AT/P KRC104S-RTK/P (47K-47K)			
	TR506 TR507 TR509 TR510,511 TR512-518	00D 271 0301 903 00D 273 0458 904 00D 274 0160 907 00D 271 0301 903 00D 269 0184 907	KTA1268-BL-AT/P KTC3200-BL-AT/P 2SD2144STPU KTA1268-BL-AT/P KRA102S-RTK/P (10K-10K)			
	TR519-542 TR543,544 TR548 TR701,702 TR703-705	00D 273 0460 905 00D 271 0301 903 00D 271 0301 903 00D 273 0460 905 00D 273 0464 901	KTC2875-B-RTK/P KTA1268-BL-AT/P KTA1268-BL-AT/P KTC2875-B-RTK/P KTC3875S-GR-RTK/P			
	TR706 TR707 TR708 TR709 TR710	00D 269 0191 903 00D 269 0193 901 00D 269 0192 902 00D 269 0193 901 00D 271 0326 904	KRA104S-RTK/P (47K-47K) KRC104S-RTK/P (47K-47K) KRC102S-RTK/P (10K-10K) KRC104S-RTK/P (47K-47K) 2SA1954(B)-TE85L			
	TR711,712 TR713 TR716 TR717 TR801	00D 269 0192 902 00D 271 0326 904 00D 269 0192 902 00D 271 0326 904 00D 269 0192 902	KRC102S-RTK/P (10K-10K) 2SA1954(B)-TE85L KRC102S-RTK/P (10K-10K) 2SA1954(B)-TE85L KRC102S-RTK/P (10K-10K)			
	TR802 TR901 TR902,903 TR905,906	00D 271 0326 904 00D 269 0086 908 00D 269 0192 902 00D 269 0066 902	2SA1954(B)-TE85L DTA114TKT96 +C KRC102S-RTK/P (10K-10K) DTC323TKT96 +C	Except for E1C Except for E1C Except for E1C		
	D501-510 D511 D512-515 D516 D517-519	00D 276 0856 903 00D 276 0794 900 00D 276 0856 903 00D 276 0794 900 00D 276 0704 903	RB500V-40 KDS160-RTK/P RB500V-40 KDS160-RTK/P 1SR35-400A(T93X)			
	D701,702 D703 D704,705 D706	00D 276 0794 900 nsp 00D 276 0704 903 nsp	KDS160-RTK/P RM73B--0R0KT +2125 1SR35-400A(T93X) RM73B--0R0KT +2125			
	ZD704	00D 276 0459 915	HZS5B-2TD			
<b>RESISTORS GROUP</b>						
	R512	00D 241 2383 902	RD14B2E223JNBST			
	R529	00D 241 2383 902	RD14B2E223JNBST			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
R741,742	00D 241 2387 908	RD14B2E010JNBST			
<b>CAPACITORS GROUP</b>					
C101-106 C107,108 C109 C110-114 C115	nsp nsp 00D 254 4524 985 nsp 00D 254 4524 943	CK73B1H103KT (1608) +1608 RM73B-0R0KT +1608 CE04W1H100MT SMG/RE3 RM73B-0R0KT +1608 CE04W1H100MT SMG/RE3			
C118-139 C140-143 C144,145 C146-173 C174,175	nsp nsp nsp 00D 254 4524 985 00D 254 4577 958	CC73CH1H331JT +1608 CC73CH1H101JT +1608 CC73CH1H221JT +1608 CE04W1H100MT SMG/RE3 CE04W1C221MT(RA3)			
C186,187 C202,203 C204,205 C206-231 C234	nsp 00D 257 1021 998 00D 257 1021 969 00D 254 4524 985 00D 254 4524 985	CC73CH1H101JT +1608 CC73CH1H223JT +3216 CC73CH1H682JT +3216 CE04W1H100MT SMG/RE3 CE04W1H100MT SMG/RE3			
C235 C301-308 C309 C312,313 C314-317	nsp 00D 257 3024 964 00D 254 4574 922 00D 254 4574 922 00D 254 4657 904	RM73B-0R0KT +1608 CF73=1C104JT(ECHUX) CE04W1H101MT(RA3) CE04W1H101MT(RA3) CE67C1C100MT(RV2)			
C318,319 C320,321 C322 C323,324 C325,326	00D 254 4574 922 00D 254 4657 904 00D 254 4574 922 00D 254 4657 904 00D 254 4574 922	CE04W1H101MT(RA3) CE67C1C100MT(RV2) CE04W1H101MT(RA3) CE67C1C100MT(RV2) CE04W1H101MT(RA3)			
C332 C333-336 C337,338 C339 C340-343	00D 254 4574 922 nsp 00D 254 4524 985 nsp nsp	CE04W1H101MT(RA3) CC73CH1H680JT +1608 CE04W1H100MT SMG/RE3 CK73B1H102KT +1608 CC73CH1H101JT +1608			
C344,345 C346-349 C350-353 C354,355 C356-359	00D 254 4574 922 00D 254 4657 904 00D 254 4657 920 00D 254 4657 904 00D 257 1021 930	CE04W1H101MT(RA3) CE67C1C100MT(RV2) CE67C1C330MT (RV2) CE67C1C100MT(RV2) CC73CH1H332JT +3216			
C360-363 C364-367 C368-371 C372-375 C451,452	00D 257 3024 964 00D 254 4661 929 00D 254 4524 985 00D 254 4657 904 nsp	CF73=1C104JT(ECHUX) CE67C1H4R7MT (RV2) +REF CE04W1H100MT SMG/RE3 CE67C1C100MT(RV2) CC73CH1H331JT +1608	E1C		
C453 C454 C455,456 C459,460 C501	00D 254 4524 943 nsp 00D 254 4524 985 00D 254 4524 985 nsp	CE04W1H010MT SMG/RE3 CK73B1H102KT +1608 CE04W1H100MT SMG/RE3 CE04W1H100MT SMG/RE3 CK73B1H103KT (1608) +1608	E1C E1C E1C E1C		
C502 C503 C504,505 C506 C507	00D 254 4524 972 00D 254 4524 956 nsp 00D 254 4524 972 00D 254 4574 922	CE04W1H4R7MT SMG/RE3 CE04W1H2R2MT SMG/RE3 CK73B1H103KT (1608) +1608 CE04W1H4R7MT SMG/RE3 CE04W1H101MT(RA3)			
C508-514 C515-538 C539 C540-551 C552-557	00D 254 4524 901 00D 254 4524 998 00D 254 4524 943 nsp nsp	CE04W1H0R1MT SMG/RE3 CE04W1H220MT SMG/RE3 CE04W1H010MT SMG/RE3 CC73CH1H331JT +1608 CK73B1H103KT (1608) +1608			
C558 C601 C703 C704 C705	00D 254 4524 985 nsp 00D 255 1279 951 00D 254 4524 972 nsp	CE04W1H100MT SMG/RE3 CC73CH1H221JT +1608 CQ93M1H104JT(B) CE04W1H4R7MT SMG/RE3 CK73B1H103KT (1608) +1608			
C706,707 C708	nsp nsp	CK73B1E104KT +1608 CK73B1H103KT (1608) +1608			

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Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C709 C710 C711,712	nsp 00D 254 4666 005 nsp	CK73B1H102KT +1608 CE04W0H105ZC(FG) CC73CH1H100DT +1608			
C713 C714 C715 C716 C801,802	00D 254 4533 934 nsp nsp 00D 254 4536 928 nsp	CE04W0J221MT SMG/RE3 CK73B1H102KT +1608 CK73B1E104KT +1608 CE04W1A101MT SMG/RE3 CK73B1E104KT +1608			
C901 C902 C905 C906,907 C909-911	00D 254 4524 985 nsp nsp nsp nsp	CE04W1H100MT SMG/RE3 CK73B1H102KT +1608 CC73CH1H101JT +1608 CK73B1H102KT +1608 CK73B1H102KT +1608	Except for E1C Except for E1C Except for E1C Except for E1C Except for E1C		△ △ △ △ △ △
C912 C913-914 C915 C916 C917	00D 254 4524 985 nsp nsp nsp 00D 254 4524 985	CE04W1H100MT SMG/RE3 CC73CH1H220JT CC73CH1H331JT CC73CH1H561JT CE04W1H100MT SMG/RE3	Except for E1C BKE2,SRE2,E2A BKE2,SRE2,E2A BKE2,SRE2,E2A BKE2,SRE2,E2A		
C918 C919 C923,924 C927-930 C929-930	nsp 00D 254 4524 985 00D 254 4524 985 00D 254 4524 985 00D 254 4524 985	CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CE04W1H100MT SMG/RE3 CE04W1H100MT SMG/RE3 CE04W1H100MT SMG/RE3	BKE2,SRE2,E2A BKE2,SRE2,E2A Except for E1C Except for E1C E1C		△ △
C933,934	00D 254 4524 985	CE04W1H100MT SMG/RE3			
<b>OTHERS PARTS GROUP</b>					
CW055	nsp	5P PH CONN.CORD	E1C		
CW068 CW071 CW081 CW110 CW152-155	nsp nsp nsp nsp nsp	6P CON.SOCKET(TUC-P) 7P CON.SOCKET(TUC-P) 8P CON.SOCKET(TUC-P) 11P CON.SOCKET TUC-P 15P CON.SOCKET TUC-P			△
CW156 CW161  CX042 CX055	nsp nsp  nsp nsp	15P SOCKET(9120) 16P CON.SOCKET TUC-P  4P PIN HEADER(9120) 5P CONN BASE(KR-PH)			
CX082 CX083 CX102 CX136 CX142	nsp nsp nsp nsp nsp	8P CON BASE(TUC-P) 8P PIN HEADER(9120) 10P CON.BASE TUC-P 13P ZR CON BASE 14P CON.BASE TUC-P			△
CX150 CX153,154 CX159 CX161,162 CX191	00D 205 0736 076 nsp nsp nsp nsp	15P FFC CON.BASE 15P CON.BASE TUC-P 15P PIN HEADER(9120) 16P CON.BASE TUC-P 19P CON.PLUG(TWG-P)	Except for E1C		△
CX251 CX271  JK101 JK102-107	00D 205 1352 048 00D 205 1352 064  00D 204 8747 019 00M YJ0 6031 950	25P-FFC-BASE(TOC-J) 27P-FFC-BASE(TOC-J)  4P-PIN-JACK(NI) RJ-1073_09-0331A			
JK501 JK502,503 JK705  L101-102	00D 204 8747 019 00M YJ0 6031 950 00D 204 8562 016  00D 235 9003 002	4P-PIN-JACK(NI) RJ-1073_09-0331A 2P PIN JACK(S-GND)  FTZ CHOKE COIL	E1C  BKE2,SRE2,E2A,E1C		△ △
TP701  X701 X901	00D 205 1393 010  00D 399 0594 005 00D 399 0178 007	12P FFC BASE(9610SA)  X'TAL(30MHZ) X-TAL(4.332MHZ)			
			BKE2,SRE2,E2A		

**1U-3817E DIGITAL POWER P.W.B. UNIT ASS'Y (EU,EC,EUT model)**  
**1U-3817F DIGITAL POWER P.W.B. UNIT ASS'Y (BKE2,SRE2,E2A,E1C model)**

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>					
	IC802 IC803 IC804 IC805	00D 263 1280 006 00D 263 1186 003 00D 263 1280 006 00D 263 1285 001	SI-8008HFE SI-8033S(LF1101) SI-8008HFE SI-8001FFE(LF1113A)		
⚠	IC807 IC809 IC811  TR801	00D 263 1242 918 00D 268 0073 905 00D 263 1035 002  00D 272 0161 900	NJM2831F06 ICP-N15T PQ30RV11  2SB1412TL(PQR) +C		
	TR802 TR803 TR804 TR806 TR808-810	00D 269 0048 904 00D 273 0464 901 00D 269 0192 902 00D 273 0464 901 00D 273 0464 901	DTC143EK-T96 +C KTC3875S-GR-RTK/P KRC102S-RTK/P (10K-10K) KTC3875S-GR-RTK/P KTC3875S-GR-RTK/P		
	TR811-813 TR815 TR816 TR820	00D 269 0192 902 00D 271 0313 904 00D 269 0192 902 00D 273 0464 901	KRC102S-RTK/P (10K-10K) KTA1281-Y-AT/P KRC102S-RTK/P (10K-10K) KTC3875S-GR-RTK/P		
	D802,803 D804 D805 D806 D809-811	00D 276 0704 916 00D 276 0847 909 00D 276 0854 905 00D 276 0401 905 00D 276 0401 905	1SR35-400A(T82) RSX101M-30 RSX501L-20 1SS133T77 (TAPE) 1SS133T77 (TAPE)		
	D813 D818 D819-822 D824	00D 276 0704 916 00D 276 0305 001 00D 276 0850 705 00D 276 0704 916	1SR35-400A(T82) S4VB20 RSX1001T3 1SR35-400A(T82)		
	ZD805 ZD806-808 ZD810 ZD825	00D 276 0464 900 00D 276 0461 903 00D 276 0466 908 00D 276 0477 900	HZS7A-1TD HZS6A-1TD HZS7C-1TD HZS16-1 TD(TAPE)		
<b>RESISTORS GROUP</b>					
	R801 R803 R804	00D 244 2052 960 00D 247 0047 947 00D 247 0045 965	RS14B3A221JNBST(S) RM73B-472DT RM73B-821DT		
	R808 R809 R824 R825 R826	00D 247 0047 947 00D 247 0047 934 00D 247 0047 992 00D 247 0045 965 00D 247 0047 992	RM73B-472DT RM73B-432DT RM73B-752DT RM73B-821DT RM73B-752DT		
	R827 R828 R830	00D 247 0045 965 00D 247 0046 948 00D 247 0044 982	RM73B-821DT RM73B-182DT RM73B-391DT		
<b>CAPACITORS GROUP</b>					
	C803-806 C807 C811,812 C816	nsp 00D 255 1279 919 00D 254 4651 913 00D 254 4193 905	CK73B1H102KT +1608 CQ93M1H473JT(B) CE04W0J102MT H15(KY) CE04W1C100MT (SRA)		
	C817 C819-821 C822-824 C825 C826	00D 254 4524 985 nsp 00D 254 4653 911 00D 255 1279 951 00D 254 4801 705	CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1V271MT H20D(KY) CQ93M1H104JT(B) CE04W1V103MC(SMQ)		
	C828 C829 C830	00D 254 4651 913 nsp 00D 254 4653 911	CE04W0J102MT H15(KY) CK73B1E104KT +1608 CE04W1V271MT H20D(KY)		

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C831 C832	00D 254 4524 943 00D 254 4651 913	CE04W1H010MT SMG/RE3 CE04W0J102MT H15(KY)			
	C835	00D 254 4403 718	CE04W1E102MC (SMG)			
<b>OTHERS PARTS GROUP</b>						
	CW027	00D 203 5403 007	3P VH-SDN CON.CORD			
	CW028 CW084 CW094 CW118 CW122	00D 203 5403 010 00D 205 0885 095 nsp nsp nsp	3P VH-SDN CON.CORD 8P CON.SOCKET(TUC-P) 9P CON.SOCKET TUC-P 11P CON.SOCKET TUC-P 12P CON.SOCKET TUC-P			
	CW965  CX031 CX121	nsp  nsp nsp	6P CON.SOCKET(TUC-P)  3P EH CON BASE (YW) 12P CONN.BASE(KR-PH)			
⚠ ⚠	F801 F801  FF802	00D 206 1046 001 00D 206 1015 090  nsp	FUSE 6.3AUL 20MM FUSE (5A)  FUSE CLIP(TAPE)	EU,EC,EUT BKE2,SRE2,E2A,E1C		
	FH802  L801-804	nsp  00D 232 0200 009  0RD 470 0051 009	FUSE CLIP(TAPE)  COIL(C3B-A0542)  3X8 CPS(SW,W) ZNP			
		0RD 470 0014 020 00D 417 0476 052 00D 417 0687 003  nsp	3X16 CPS SW W ZNP RADIATOR RADIATOR  FUSE LABEL(T5AL)	for F801 BKE2,SRE2,E2A,E1C		

## 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.

### 1U-3799J DIGITAL P.W.B. UNIT ASS'Y

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC101-103	nsp	LC89057W-VF4A			
	IC107	nsp	SN65LVDS32PW +REF			
	IC108	nsp	SN65LVDS1DBVR			
	IC151	nsp	EPM570F256C5N			
	IC152	nsp	ICS570BLFT			
	IC155	nsp	TC74VHC244FT			
	IC201	nsp	ADSP21366KBCZ1AA1134			
	IC202	nsp	EN5312QI-T			
	IC203	nsp	SN74LVC139APWR +REF			
	IC204,205	nsp	TC74VHC573FT			
	IC206	nsp	DSP1 ROM SUB ASSY	S29AL016D90TFI020#:GEN 8371		
	IC207	nsp	CY7C1049DV33-10ZSXI			
	IC251	nsp	ADSP21367KBPZ2A1134			
	IC254	nsp	W9864G2GH-7			
	IC255	nsp	DSP2 ROM SUB ASSY	S29AL016D90TFI020#:GEN 8372		
	IC301	nsp	PCM1804 +REF			
	IC302-305	nsp	PCM1791ADBR +REF			
	IC306	nsp	UPC2933BT1D-E1-AT			
	IC307-309	nsp	NJM2115M-TE1 +C			
	IC310-314	nsp	SA5532ADR			
	IC351	nsp	AK4385ET			
	IC353	nsp	BA15218F-DXE2 +C			
	IC402	nsp	MICROSMID175F			
	IC404	nsp	RTL8201CP			
	IC405	nsp	BCOIC-DM850E-CQL			
	IC408	nsp	DM850 ROM SUB ASSY	S29GL064A90TFIR40:GEN 8562		
	IC409	nsp	W9812G6GH-6			
	IC410	nsp	LM2832XMY			
	IC411	nsp	FSUSB22			
	IC412	nsp	PQ070XZ01ZP +C			
	IC413	nsp	MICROSMID175F			
	IC415	nsp	TC7W66FK			
	IC416	nsp	SN74LVC2G14DBVR			
	IC501	nsp	UPC2925BT1D-E1-AT			
	IC510	nsp	SII9185CTU			
	IC511	nsp	AZ1117H-1.8TRE1			
	IC554	nsp	SII9135CTU			
	IC555	nsp	UPC2918BT1D-E1-AT			
	IC601	nsp	EP2C35F484C8N			
	IC602	nsp	W9425G6DH-5			
	IC603	nsp	FCXO-03L(27.000MHz)			
	IC604	nsp	UPC2925BT1D-E1-AT			
	IC605	nsp	FCXO-05(48.0MHZ)			
	IC606	nsp	M25P64-VMF6TG(DE96)			
	IC607	nsp	LP2995M			
	IC608	nsp	TC74VHC244FT			
	IC609	nsp	EPCS16SI16N			
	IC610	nsp	LM2832XMY			
	IC611	nsp	UPC2925BT1D-E1-AT			
	IC612,613	nsp	CDCVF2505PWR			
	IC701	nsp	UPC2918BT1D-E1-AT			
	IC702	nsp	SII9134CTU			
	IC703	nsp	UPC2925BT1D-E1-AT			
	IC704	nsp	SN74LV74APW-EL2 +C			
	IC751	nsp	UPC2918BT1D-E1-AT			
	IC752	nsp	SII9134CTU			
	IC753	nsp	UPC2925BT1D-E1-AT			
	IC781	nsp	EPM570F256C5N			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	IC801	nsp	AZ1117H-1.8TRE1			
	IC802	nsp	AZ1117H-3.3TRE1			
	IC803	nsp	AZ1117H-2.5TRE1			
	IC804	nsp	UPC2925BT1D-E1-AT			
	IC805	nsp	AZ1117H-1.8TRE1			
	IC806	nsp	ADV7403BSTZ-110			
	IC807	nsp	ADV7320			
	IC901	nsp	UPC2918BT1D-E1-AT			
	IC902	nsp	FLI2310-LF-CF			
	IC903	nsp	K4S643232H-UC60			
	IC904	nsp	UPC2925BT1D-E1-AT			
	IC951	nsp	SUB CPU SUB ASSY	M3062LFGPGP:GEN 8561		
	IC952,953	nsp	LTC1694CS5			
	IC954	nsp	BU4094BCFV-E2			
	IC955,956	nsp	TC74VHCT08AFT			
	IC957,958	nsp	TC74VHC08FT			
	IC959	nsp	AZ1117H-3.3TRE1			
	IC960	nsp	EN5312QI-T			
	TR201,202	nsp	KRA102S-RTK/P (10K-10K)			
	TR203	nsp	KRC102S-RTK/P (10K-10K)			
	TR251	nsp	KRA102S-RTK/P (10K-10K)			
	TR252	nsp	KRC102S-RTK/P (10K-10K)			
	TR253	nsp	2SB1412TL(PQR) +C			
	TR254	nsp	KTC3875S-GR-RTK/P			
	TR303	nsp	KRC102S-RTK/P (10K-10K)			
	TR304	nsp	KRA102S-RTK/P (10K-10K)			
	TR305-312	nsp	KRC102S-RTK/P (10K-10K)			
	TR313-316	nsp	KRA102S-RTK/P (10K-10K)			
	TR317,318	nsp	KTC2875-B-RTK/P			
	TR319	nsp	KRC102S-RTK/P (10K-10K)			
	TR320	nsp	KRA102S-RTK/P (10K-10K)			
	TR351	nsp	KRC102S-RTK/P (10K-10K)			
	TR353	nsp	KRA102S-RTK/P (10K-10K)			
	TR357	nsp	KRC102S-RTK/P (10K-10K)			
	TR358	nsp	KRA102S-RTK/P (10K-10K)			
	TR401,402	nsp	KRC102S-RTK/P (10K-10K)			
	TR405	nsp	KRC104S-RTK/P (47K-47K)			
	TR406	nsp	KRA102S-RTK/P (10K-10K)			
	TR407-409	nsp	KRC102S-RTK/P (10K-10K)			
	TR410,411	nsp	FDC608PZ			
	TR412	nsp	KRC102S-RTK/P (10K-10K)			
	TR415	nsp	KRC102S-RTK/P (10K-10K)			
	TR501-503	nsp	KRC102S-RTK/P (10K-10K)			
	TR504-506	nsp	KRC104S-RTK/P (47K-47K)			
	TR513	nsp	KRC104S-RTK/P (47K-47K)			
	TR555	nsp	KRC104S-RTK/P (47K-47K)			
	TR557	nsp	KRC104S-RTK/P (47K-47K)			
	TR558	nsp	KRA104S-RTK/P (47K-47K)			
	TR702	nsp	KTC3875S-GR-RTK/P			
	TR703	nsp	KRC104S-RTK/P (47K-47K)			
	TR706	nsp	KRC104S-RTK/P (47K-47K)			
	TR751	nsp	KRC104S-RTK/P (47K-47K)			
	TR801,802	nsp	KRC104S-RTK/P (47K-47K)			
	TR803-807	nsp	2SA1022-B +C			
	TR808	nsp	HN1K02FU-TE85L			
	TR901	nsp	KRC104S-RTK/P (47K-47K)			
	TR951	nsp	KTC3875S-GR-RTK/P			
	TR952	nsp	2SC3326(A/B) +C			
	TR953,954	nsp	2SC2412KT96(S) +C			
	TR955	nsp	KRC104S-RTK/P (47K-47K)			
	D101,102	nsp	RB521S-30TE61 +REF			
	D201	nsp	RB521S-30TE61 +REF			
	D304-307	nsp	KDS184-RTK/P (K-COM)			
	D351	nsp	KDS184-RTK/P (K-COM)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	D402 D403 D404-406 D501-524 D525	nsp nsp nsp nsp nsp	RB521S-30TE61 +REF RB060M-30 ESD PROTECTOR(6802) ESD PROTECTOR(6802) KDS160-RTK/P			
	D528-539 D543 D544 D545 D551-558	nsp nsp nsp nsp nsp	ESD PROTECTOR(6802) KDS160-RTK/P RSX101M-30 RB521S-30TE61 +REF ESD PROTECTOR(6802)			
	D560-563 D566 D567 D568 D601	nsp nsp nsp nsp nsp	ESD PROTECTOR(6802) KDS160-RTK/P RSX101M-30 RB521S-30TE61 +REF KDS160-RTK/P			
	D602 D603 D701 D702 D703,704	nsp nsp nsp nsp nsp	RB060M-30 KDS160-RTK/P RSX101M-30 RB521S-30TE61 +REF KDS160-RTK/P			
	D705-717 D718 D751 D752 D753	nsp nsp nsp nsp nsp	ESD PROTECTOR(6802) KDS160-RTK/P RSX101M-30 RB521S-30TE61 +REF KDS160-RTK/P			
	D754-766 D767 D781 D801 D901	nsp nsp nsp nsp nsp	ESD PROTECTOR(6802) KDS160-RTK/P RSX101M-30 RSX101M-30 KDS160-RTK/P			
	D902 D903 D951 D952,953	nsp nsp nsp nsp	RSX101M-30 KDS160-RTK/P KDS160-RTK/P RM73B--0R0KT +1608			
	ZD102-105 ZD301 ZD401,402 ZD701 ZD751	nsp nsp nsp nsp nsp	NSAD500F-T1B-A UDZS3.6B-TE17 NSAD500F-T1B-A UDZS5.1B-TE17 +C UDZS5.1B-TE17 +C			
<b>RESISTORS GROUP</b>						
	R804,805 R806,807	nsp nsp	RM73B--151FT_1608 RM73B--121FT +1608			
	R808-815 R845 R847 R849 R852	nsp nsp nsp nsp nsp	RM73B--151FT_1608 RM73B--621DT_1005 RM73B--621DT_1005 RM73B--242DT_1005 RM73B--242DT_1005			
	R853-857  RE443 RE446 RE450	nsp  nsp nsp nsp	RM73B--271FT_1608  RM73B--511FT +1608 RM73B--102FT +1608 RM73B--683DT(1608)			
	RE451 RE658,659  RR288 RR292	nsp nsp  nsp nsp	RM73B--153DT(1608) RM73B--153DT(1608)  RM73B--154DT(1608) RM73B--223DT(1608)			
	RR293 RR427	nsp nsp	RM73B--204DT(1608) RM73B--5491DT(1608)			
<b>CAPACITORS GROUP</b>						
	C001	nsp	CE04W1H101MC(ROB)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C101 C103 C105 C106	nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1A104KT +1005 CS77B1A100MT(NOJ) CC73CH1H101JT +1005			
	C107,108 C109 C110 C111 C112	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CF73=1C104JT(ECHUX) CC73CH1H101JT +1005 CK73B1H102KT +1005			
	C113 C114 C115 C117 C118	nsp nsp nsp nsp nsp	CF73=1C223JT(ECHUX) CK73B1E104KT +1608 CK73B1A104KT +1005 CK73B1E223KT +1608 CK73B1H102KT +1005			
	C119 C121 C123 C125 C127	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CC73CH1H101JT +1005 CK73B1H102KT +1005 CK73B1E104KT +1608 CK73B1E223KT +1608			
	C151 C152 C153 C154 C155	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CC73CH1H101JT +1005 CK73B1A104KT +1005 CC73CH1H101JT +1005			
	C156,157 C201 C202 C203 C204	nsp nsp nsp nsp nsp	CC73CH1H6R0DT +1608 CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B1E103KT(1005) CC73CH1H101JT +1005			
	C205 C206 C208,209 C210 C211	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CC73CH1H101JT +1005 CC73CH1H5R0CT +1005 CC73CH1H101JT +1005 CK73B1E103KT(1005)			
	C212 C213 C214 C215-217 C218	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CC73CH1H101JT +1005 CK73B1E103KT(1005)			
	C219-222 C223 C224-226 C227 C228-235	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B0J475KT(P) +1608 CC73CH1H101JT +1005 CK73B1E103KT(1005) CK73B1H102KT +1005			
	C236-243 C244 C246 C247 C248,249	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CS77B1A100MT(NOJ) CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
	C250 C251 C301,302 C303-306 C307	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CE67W0J101MT(P.CAP) +REF CC73CH1H103JT +2125 CC73CH1H561JT +1608 CK73B1E104KT +1608			
	C308 C309 C310,311 C312 C313	nsp nsp nsp nsp nsp	CK73B1H102KT +1608 CK73B1H103KT (1608) +1608 CK73B1H102KT +1608 CK73B1E104KT +1608 CC73CH1H103JT +2125			
	C314 C315-320 C321 C322 C323	nsp nsp nsp nsp nsp	CE67W0J101MT(P.CAP) +REF CS77B1A100MT(NOJ) CK73B1E104KT +1608 CK73B1H102KT +1608 CK73B1H103KT (1608) +1608			
	C324-326 C327,328	nsp nsp	CK73B1E104KT +1608 CS77B1A100MT(NOJ)			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C329,330 C331-334 C335,336	nsp nsp nsp	CF73=1H182JT(ECHUX) CF73=1H561JT(ECHUX) CE67W1E100MT(P.CAP) +REF			
C337,338 C339,340 C341 C342 C343	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CS77B1A100MT(NOJ) CF73=1H182JT(ECHUX) CF73=1H152JT(ECHUX) CF73=1H561JT(ECHUX)			
C344 C345 C346 C347,348 C349,350	nsp nsp nsp nsp nsp	CF73=1H331JT(ECHUX) CF73=1H561JT(ECHUX) CF73=1H331JT(ECHUX) CS77B1A100MT(NOJ) CK73B1E104KT +1608			
C351 C352 C353,354 C355-358 C359,360	nsp nsp nsp nsp nsp	CK73B1H102KT +1608 CS77B1A100MT(NOJ) CF73=1H152JT(ECHUX) CF73=1H391JT(ECHUX) CK73B1E104KT +1608			
C361 C362 C363,364 C365-368 C369	nsp nsp nsp nsp nsp	CK73B1H103KT (1608) +1608 CS77B1A100MT(NOJ) CF73=1H182JT(ECHUX) CF73=1H561JT(ECHUX) CK73B1E104KT +1608			
C370 C371,372 C373,374 C375,376 C383	nsp nsp nsp nsp nsp	CK73B1H102KT +1608 CS77B1A100MT(NOJ) CK73B1H472KT +1608 CS77B1A100MT(NOJ) CK73B1E104KT +1608			
C384 C385 C386 C387 C405,406	nsp nsp nsp nsp nsp	CK73B1H103KT (1608) +1608 CK73B1H102KT +1608 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608 CK73B1A104KT +1005			
C409 C412,413 C419 C421 C423	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005			
C424 C426 C429 C431 C432	nsp nsp nsp nsp nsp	CE67C0J220MT (RV2) +REF CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005			
C434-436 C438 C439,440 C441 C442,443	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CC73CH1H120JT +1005 CK73B0J475KT(P) +1608			
C444 C446 C447,448 C449 C450	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1E103KT(1005) CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
C452 C458,459 C460,461 C462-473 C474,475	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
C476 C477,478 C479 C480,481 C482	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005			
C483-487 C488,489 C490	nsp nsp nsp	CK73B1H102KT +1005 CC73CH1H100DT +1005 CC73CH1H120JT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C498,499 C510-513	nsp nsp	CK73B1A104KT +1005 CK73B1A104KT +1005			
	C514-518 C519-525 C527 C528,529 C530	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005			
	C532,533 C534,535 C538 C540,541 C542,543	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
	C544-547 C601-604 C605 C606-615 C616	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
	C617 C618 C619,620 C621 C622	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CC73CH1H100DT +1005			
	C623,624 C625 C626 C627-636 C638	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005			
	C639 C640 C641 C642,643 C644	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CC73CH1H100DT +1005			
	C645-648 C649-652 C653-662 C663-672 C673,674	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
	C675 C676 C677 C678,679 C680	nsp nsp nsp nsp nsp	CC73CH1H100DT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CC73CH1H120JT +1005			
	C681 C682 C683,684 C685 C686	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CC73CH1H200JT +1005 CK73B1H102KT +1005			
	C687 C688,689 C691 C692 C693,694	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
	C695 C696 C697 C698-701 C702,703	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
	C704,705 C706,707 C708-710 C711-717 C718-723	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005			
	C724,725 C726 C727-730 C731-734	nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C735-742	nsp	CK73B0J475KT(P) +1608			
C746	nsp	CK73B1E104KT +1608			
C747,748	nsp	CK73B0J475KT(P) +1608			
C749	nsp	CK73B1H102KT +1005			
C750,751	nsp	CK73B0J475KT(P) +1608			
C752,753	nsp	CK73B1A104KT +1005			
C754,755	nsp	CK73B0J475KT(P) +1608			
C756,757	nsp	CK73B1H102KT +1005			
C758-760	nsp	CK73B1A104KT +1005			
C761-767	nsp	CK73B1H102KT +1005			
C768-773	nsp	CK73B1A104KT +1005			
C774,775	nsp	CK73B1H102KT +1005			
C776	nsp	CK73B1A104KT +1005			
C777-780	nsp	CK73B1H102KT +1005			
C781-784	nsp	CK73B1A104KT +1005			
C785-792	nsp	CK73B0J475KT(P) +1608			
C796	nsp	CK73B1E104KT +1608			
C797,798	nsp	CK73B0J475KT(P) +1608			
C799	nsp	CK73B1H102KT +1005			
C801	nsp	CK73B0J475KT(P) +1608			
C802-804	nsp	CK73B1H102KT +1005			
C805	nsp	CK73B0J475KT(P) +1608			
C806-812	nsp	CK73B1H102KT +1005			
C813-827	nsp	CK73B0J475KT(P) +1608			
C828-830	nsp	CK73B1A104KT +1005			
C831,832	nsp	CK73B0J475KT(P) +1608			
C833	nsp	CK73B1A104KT +1005			
C834,835	nsp	CK73B0J475KT(P) +1608			
C836,837	nsp	CK73B1A104KT +1005			
C838,839	nsp	CK73B1E103KT(1005)			
C840-842	nsp	CK73B1E104KT +1608			
C843	nsp	CK73B1A104KT +1005			
C844-846	nsp	CK73B1E104KT +1608			
C847	nsp	CK73B1H102KT +1608			
C848	nsp	CK73B1A104KT +1005			
C849	nsp	CK73B1E103KT(1005)			
C850	nsp	CF73=1C103JT(ECHUX)			
C851	nsp	CF73=1C823JT(ECHUX)			
C852	nsp	CK73B1A104KT +1005			
C853,854	nsp	CC73CH1H120JT +1005			
C855-860	nsp	CK73B1A104KT +1005			
C861	nsp	CK73B0J475KT(P) +1608			
C862,863	nsp	CK73B1A104KT +1005			
C864-866	nsp	CK73B0J475KT(P) +1608			
C867,868	nsp	CC73CH1H101JT +1005			
C869	nsp	CK73B0J475KT(P) +1608			
C873	nsp	CK73B1E103KT(1005)			
C874,875	nsp	CK73B1A104KT +1005			
C876	nsp	CF73=1H821JT(ECHUX)			
C879	nsp	CK73B1A104KT +1005			
C880	nsp	CF73=1C392JT(ECHUX)			
C889-893	nsp	CK73B1A104KT +1005			
C901	nsp	CK73B1E103KT(1005)			
C902-904	nsp	CK73B0J475KT(P) +1608			
C905	nsp	CK73B1A104KT +1005			
C906,907	nsp	CK73B0J475KT(P) +1608			
C908	nsp	CK73B1A104KT +1005			
C909	nsp	CK73B1E103KT(1005)			
C910	nsp	CK73B0J475KT(P) +1608			
C911	nsp	CK73B1E103KT(1005)			
C912,913	nsp	CK73B1A104KT +1005			
C914	nsp	CK73B1E103KT(1005)			
C915-919	nsp	CK73B1A104KT +1005			
C920	nsp	CK73B1H102KT +1005			
C921,922	nsp	CK73B0J475KT(P) +1608			
C923-929	nsp	CK73B1A104KT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C930,931 C932-937 C938 C939-944 C945	nsp nsp nsp nsp nsp	CC73CH1H180JT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B1E103KT(1005)			
	C946-948 C949  CC101,102 CC103,104	nsp nsp  nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608  CS77B1A100MT(NOJ) CK73B1H102KT +1005			
	CC105,106 CC107,108 CC109,110 CC111,112 CC113,114	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B1H102KT +1005 CK73B1E103KT(1005) CC73CH1H101JT +1005			
	CC115 CC116 CC118 CC126 CC129	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CS77B1A100MT(NOJ) CK73B1H102KT +1005 CK73B1A104KT +1005 CC73CH1H101JT +1005			
	CC130,131 CC132 CC201-208 CC209 CC210-215	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CC73CH1H101JT +1005 CC73CH1H101JT +1005 CC73CH1H5R0CT +1005 CK73B1H102KT +1005			
	CC216 CC217,218 CC220,221 CC223,224 CC226-229	nsp nsp nsp nsp nsp	CC73CH1H5R0CT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005 CK73B1A104KT +1005			
	CC230 CC231 CC232,233 CC234 CC235	nsp nsp nsp nsp nsp	CS77B1A100MT(NOJ) CC73CH1H101JT +1005 CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B0J475KT(P) +1608			
	CC236 CC237 CC238 CC239 CC241	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B1E103KT(1005) CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B0J475KT(P) +1608			
	CC242 CC243,244 CC245 CC246 CC351	nsp nsp nsp nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CE67W0J101MT(P.CAP) +REF CS77B1A100MT(NOJ)			
	CC353,354 CC357,358 CC361,362 CC401 CC402	nsp nsp nsp nsp nsp	CK73B1H332KT +1608 CC73CH1H471JT +1608 CC73CH1H471JT +1608 CS77B1A100MT(NOJ) CK73B1H102KT +1005			
	CC403 CC404-411 CC412 CC413 CC414	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CS77B1A100MT(NOJ) CK73B0J475KT(P) +1608			
	CC415 CC416,417 CC418 CC421 CC422,423	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CS77B1A100MT(NOJ) CK73B1E104KT +1608 CE67C0J221MT(MVA) +REF CK73B1E104KT +1608			
	CC426-433 CC434 CC504 CC505 CC506	nsp nsp nsp nsp nsp	CC73CH1H100DT +1005 CS77B1A100MT(NOJ) CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
	CC507-517	nsp	CK73B1A104KT +1005			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CC518 CC519 CC520 CC521-528	nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
	CC529,530 CC531-534 CC535 CC536 CC537	nsp nsp nsp nsp nsp	CC73CH1H150JT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
	CC538 CC539 CC540 CC541-544 CC545	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CC73CH1H100DT +1005 CK73B1A104KT +1005 CK73B1H102KT +1005			
	CC546 CC547,548 CC549,550 CC554-563 CC601	nsp nsp nsp nsp nsp	CC73CH1H100DT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B0J475KT(P) +1608			
	CC602 CC603 CC604-606 CC607 CC608	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005			
	CC609,610 CC611,612 CC613 CC614,615 CC616	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005			
	CC617-619 CC620,621 CC622-624 CC625-634 CC635-644	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005			
	CC645-647 CC648-657 CC658-667 CC668,669 CC670	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1H102KT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
	CC671,672 CC673,674 CC675 CC676 CC677,678	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CK73B1E103KT(1005) CC73CH1H101JT +1005 CK73B1A104KT +1005 CK73B0J475KT(P) +1608			
	CC679 CC681,682 CC683 CC684,685 CC686	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CK73B1A104KT +1005 CC73CH1H101JT +1005 CK73B0J475KT(P) +1608 CS77B1A100MT(NOJ)			
	CC687-689 CC690 CC691 CC694,695 CC696,697	nsp nsp nsp nsp nsp	CK73B0J475KT(P) +1608 CE67W0J101MT(P.CAP) +REF CK73B1A104KT +1005 CK73B0J475KT(P) +1608 CK73B1A104KT +1005			
	CC698 CC699 CC700-704 CC705 CC706,707	nsp nsp nsp nsp nsp	CK73B1H102KT +1005 CS77B1A100MT(NOJ) CK73B0J475KT(P) +1608 CS77B1A100MT(NOJ) CK73B0J475KT(P) +1608			
	CCT08 CCT09 CCT10 CCT11-714 CCT84-791	nsp nsp nsp nsp nsp	CK73B1E103KT(1005) CK73B1H102KT +1005 CC73CH1H101JT +1005 CC73CH1H470JT CK73B1H102KT +1005			
	CCT92,793 CCT94,795	nsp nsp	CK73B1A104KT +1005 CK73B0J475KT(P) +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CC951 CC952 CC953,954	nsp nsp nsp	CK73B1E103KT(1005) CK73B1H102KT +1005 CC73CH1H101JT +1005			
	CC955 CC956,957 CC958,959 CC960 CC961	nsp nsp nsp nsp nsp	CK73B1E104KT +1608 CC73CH1H6R0DT +1005 CK73B1H102KT +1005 CC73CH1H121JT +1005 CK73B1H102KT +1005			
	CC962-964 CC969 CC970 CC971 CC972-976	nsp nsp nsp nsp nsp	CC73CH1H121JT +1005 CK73B1H331KT +1005 CK73B1A104KT +1005 CK73B1H221KT +1005 CK73B1A104KT +1005			
	CC977 CC978 CC979 CC980 CC982,983	nsp nsp nsp nsp nsp	CC73CH1H101JT +1005 CK73B1A104KT +1005 CK73B1E103KT(1005) CK73B1H102KT +1005 CK73B0J475KT(P) +1608			
	CC984,985 CC986,987	nsp nsp	CK73B1H102KT +1005 CK73B0J475KT(P) +1608			
<b>OTHERS PARTS GROUP</b>						
	CW042 CW083 CW093 CW111 CW114,115	nsp nsp nsp nsp nsp	4P SOCKET(9120) 8P SOCKET(9120) 9P SOCKET(9120) 11P SOCKET(9120) 11P SOCKET(9120)			
	CW133 CW144 CW157 CW159	nsp nsp nsp nsp	13P SOCKET(9120) 14P SOCKET(9120) 15P SOCKET(9120) 15P SOCKET(9120)			
	CX027 CX028 CX871  CY053	nsp nsp nsp  nsp	2P VH CONN BASE(L) 2P VH CONN. BASE (L) 7P FFC BASE(9610SC)  5P PH CON BASE(TAPE) +REF			
	CY124 CY136 CY171 CY421 CY821	nsp nsp nsp nsp nsp	12P ZR CON. BASE 13P ZR CON BASE 17P FFC BASE(9610SC) 4P PH CON BASE(TAPE) +REF 8P PH CON.BASE(TAPE)			
	FB151 FB152 FB401 FB403,404	nsp nsp nsp nsp	ZBFS5105-PT CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608			
	FB406-408 FB409 FB501 FB502 FB551	nsp nsp nsp nsp nsp	CHIP EMIFIL(11A121) +1608 E.FIL(BLM21PG221SN1)+2125 E.FIL(BLM21PG221SN1)+2125 CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608			
	FB552 FB553,554 FB601 FB602 FB603-614	nsp nsp nsp nsp nsp	E.FIL(BLM21PG221SN1)+2125 CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608 CHIP BEADS(18PG121) +1608 CHIP EMIFIL(11A121) +1608			
	FB701-704 FB751-754  JK102 JK401	nsp nsp  00D 205 1222 000 00D 205 1333 009	CHIP EMIFIL(11A121) +1608 CHIP EMIFIL(11A121) +1608  RJ-45 JACK(GND) 8P MODULAR			
	JK402 JK501-503 JK701	00D 205 1381 006 00D 204 8719 005 00D 204 8719 005	USB CONNECTOR 19P HDMI CONNECTOR 19P HDMI CONNECTOR			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	JK751	00D 204 8719 005	19P HDMI CONNECTOR			
	L401 L601 L602 L802 L901	nsp nsp nsp nsp nsp	INDUCTOR 2.2UH(7E06N) INDUCTOR(FLC32C220K)+3216 INDUCTOR6.8uH(7E06N)-1 INDUCTOR(FLC32C220K)+3216 INDUCTOR(FLC32C220K)+3216			
	RL701	nsp	RELAY(UB2-5NUN-L1)			
	W101 W553	nsp nsp	M3 SCREW TERMINAL M3 SCREW TERMINAL			
	X101 X201 X251 X401	nsp nsp nsp nsp	FCX-03(24.576MHz) FCX-03(20.815MHz) FCX-03(20.815MHz) FCX-03(24.576MHz)			
	X551 X801 X901 X902	nsp nsp nsp nsp	FCX-03(28.322MHz) FCX-03(28.6363MHz) XTAL(13.5MHz) +REF FCX-03(12MHz)			
		nsp	RUBBER SHEET			

**1U-3800J A.VIDEO P.W.B. UNIT ASS'Y**

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC401-405	00D 263 1082 903	TK15420MTL +C			
	IC407-410	00D 263 1082 903	TK15420MTL +C			
	IC411,412	00D 262 3445 901	TC4051BFT			
	IC413,414	00D 262 3447 909	TC4053BFT			
	IC415	00D 262 3446 900	TC4052BFT			
	IC417,418	00D 262 3445 901	TC4051BFT			
	IC419	00D 262 3446 900	TC4052BFT			
	IC420,421	00D 262 3445 901	TC4051BFT			
	IC505,506	00D 263 1197 908	BU4094BCFV-E2			
	IC508	00D 263 1197 908	BU4094BCFV-E2			
	IC511	00D 263 1197 908	BU4094BCFV-E2			
	IC601	00D 262 3551 002	NJW1321FP1			
	IC602,603	00D 263 1225 906	NJM2581M-TE1			
	IC701	00D 269 0240 003	GP1FMV31RK0F			
	IC702	00D 263 0615 902	BA15218F-DXE2 +C			
	IC703	00D 263 1273 903	NJM2566AV			
	IC801-803	00D 269 0241 002	TORX142L(F)			
	IC804,805	00D 269 0242 001	TOTX142L(F)			
	IC806,807	00D 262 3077 900	TC74VHCU04FT +REF			
	IC808,809	00D 262 3412 905	TC74VHC14FT			
	IC810,811	00D 262 2944 908	SN74HC151APW-EL2 +REF			
	IC812	00D 263 1197 908	BU4094BCFV-E2			
	IC813	00D 262 2944 908	SN74HC151APW-EL2 +REF			
	IC815	00D 263 1197 908	BU4094BCFV-E2			
	IC902	00D 262 3571 901	HIN202EIBNZ-T			
	TR401,402	00D 271 0312 905	KTA1504S-GR-RTK/P			
	TR405,406	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR409,410	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR603	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR604	00D 269 0144 905	DTC114YKA-T146 +C			
	TR605	00D 271 0312 905	KTA1504S-GR-RTK/P			
	TR771	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
	D401,402	00D 276 0794 900	KDS160-RTK/P			
	D405,406	00D 276 0794 900	KDS160-RTK/P			
	D608	00D 276 0773 905	RB501V-40 +2125			
	D609,610	00D 276 0794 900	KDS160-RTK/P			
	D801-803	00D 276 0738 908	KDS226-RTK/P (A-K)			
	D901,902	00D 276 0833 900	ESD PROTECTOR(6802)			
	ZD701-703	00D 276 0683 930	UDZS5.1B-TE17 +C			
	ZD704,705	00D 276 0829 901	NSAD500F-T1B			
<b>RESISTORS GROUP</b>						
	R401-412	00D 247 2019 928	RM73B--750FT			
	R420-425	00D 247 2045 918	RM73B--151FT_1608			
	R429-434	00D 247 2045 918	RM73B--151FT_1608			
	R447-452	00D 247 2045 918	RM73B--151FT_1608			
	R601-624	00D 247 2045 918	RM73B--151FT_1608			
	R675	00D 247 2045 921	RM73B--161FT_1608			
	R676	00D 247 2045 918	RM73B--151FT_1608			
	R677	00D 247 2045 921	RM73B--161FT_1608			
	R678	00D 247 2045 918	RM73B--151FT_1608			
	R679	00D 247 2045 921	RM73B--161FT_1608			
	R680	00D 247 2045 918	RM73B--151FT_1608			
	R681	00D 247 2045 921	RM73B--161FT_1608			
	R682	00D 247 2045 918	RM73B--151FT_1608			
	R683	00D 247 2045 921	RM73B--161FT_1608			
	R684	00D 247 2045 918	RM73B--151FT_1608			
	R685	00D 247 2045 921	RM73B--161FT_1608			
	R686	00D 247 2045 918	RM73B--151FT_1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R687	00D 247 2045 921	RM73B--161FT_1608			
	R688	00D 247 2045 918	RM73B--151FT_1608			
	R689	00D 247 2045 921	RM73B--161FT_1608			
	R690	00D 247 2045 918	RM73B--151FT_1608			
	R691	00D 247 2045 921	RM73B--161FT_1608			
	R692	00D 247 2045 918	RM73B--151FT_1608			
	R701	00D 247 2019 928	RM73B--750FT			
	R702	00D 247 2045 918	RM73B--151FT_1608			
	R703	00D 247 2046 904	RM73B--181FT_1608			
	R706	00D 247 2019 928	RM73B--750FT			
	RR420	00D 247 2045 950	RM73B--182FT_1608			
	RR421	00D 247 2027 907	RM73B--511FT +1608			
	RR422	00D 247 2045 950	RM73B--182FT_1608			
	RR428	00D 247 2045 963	RM73B--222FT_1608			
	RR429	00D 247 2019 957	RM73B--681FT +1608			
	RR430	00D 247 2045 963	RM73B--222FT_1608			
	RR434	00D 247 2045 992	RM73B--273FT_1608			
	RR435	00D 247 2045 976	RM73B--432FT_1608			
	RR436	00D 247 2045 989	RM73B--243FT_1608			
	RR557	00D 247 2019 928	RM73B--750FT			
	RR560,561	00D 247 2019 928	RM73B--750FT			
	RR734	00D 247 2019 928	RM73B--750FT			
	RR736	00D 247 2019 928	RM73B--750FT			
	RR738	00D 247 2019 928	RM73B--750FT			
<b>CAPACITORS GROUP</b>						
	C401-410	nsp	CK73B1H103KT (1608) +1608			
	C413-420	00D 254 4522 932	CE04W1V330MT SMG/RE3			
	C423-432	nsp	CK73B1H103KT (1608) +1608			
	C435-444	nsp	CK73B1H103KT (1608) +1608			
	C445-450	00D 254 4536 928	CE04W1A101MT SMG/RE3			
	C451-458	nsp	CK73B1H103KT (1608) +1608			
	C459-462	00D 254 4522 932	CE04W1V330MT SMG/RE3			
	C463,464	nsp	CK73B1E473KT +1608			
	C467,468	nsp	CK73B1E104KT +1608			
	C470	nsp	CK73B1A105KT +1608			
	C471,472	nsp	CK73B1E473KT +1608			
	C476	nsp	CK73B1A105KT +1608			
	C479,480	nsp	CK73B1E473KT +1608			
	C501	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C502	nsp	CK73B1H103KT (1608) +1608			
	C506	nsp	CK73B1H103KT (1608) +1608			
	C518	nsp	CK73B1H103KT (1608) +1608			
	C526	nsp	CK73B1H103KT (1608) +1608			
	C528	nsp	CK73B1E104KT +1608			
	C531	nsp	CK73B1E104KT +1608			
	C601-603	nsp	CK73B1E104KT +1608			
	C604-607	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C608	nsp	CK73B1E104KT +1608			
	C609	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C610	nsp	CK73B1E104KT +1608			
	C611	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C612	nsp	CK73B1E104KT +1608			
	C613	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C614	nsp	CK73B1E104KT +1608			
	C615	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C616	nsp	CK73B1E104KT +1608			
	C617	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C618	nsp	CK73B1E104KT +1608			
	C619,620	00D 254 4538 942	CE04W1C101MT SMG/RE3			
	C621-629	nsp	CK73B1E104KT +1608			
	C630	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C631	nsp	CK73B1E104KT +1608			
	C632	00D 254 4524 985	CE04W1H100MT SMG/RE3			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C633 C634 C635 C636-641 C645-650	nsp 00D 254 4524 985 00D 254 4524 943 00D 254 4536 928 nsp	CK73B1E104KT +1608 CE04W1H100MT SMG/RE3 CE04W1H010MT SMG/RE3 CE04W1A101MT SMG/RE3 CK73B1H103KT (1608) +1608			
C654 C655 C656 C657 C660-663	nsp 00D 254 4522 932 nsp 00D 254 4522 932 nsp	CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1H103KT (1608) +1608			
C666 C668 C670 C671 C672	nsp nsp nsp nsp 00D 254 4522 932	CK73B1E473KT +1608 CK73B1E473KT +1608 CC73CH1H221JT +1608 CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3			
C673 C674 C677-680 C683 C684	nsp 00D 254 4522 932 nsp nsp nsp	CK73B1H103KT (1608) +1608 CE04W1V330MT SMG/RE3 CK73B1H103KT (1608) +1608 CK73B1H103KT (1608) +1608 CK73B1E473KT +1608			
C685 C701-703 C704 C705-707 C708	nsp nsp 00D 254 4196 944 00D 257 0521 949 nsp	CK73B1A105KT +1608 CK73B1H103KT (1608) +1608 CE04W1H010MT (SRA) CK73B1A474KT CK73B1H103KT (1608) +1608			
C709,710 C711-713 C715 C716 C718	nsp nsp nsp 00D 254 4196 944 00D 254 4305 968	CC73CH1H221JT +1608 CK73B1H103KT (1608) +1608 CK73B1H103KT (1608) +1608 CE04W1H010MT (SRA) CE04W1H010MT(SRE)			
C719 C721 C722 C723,724 C725	nsp nsp nsp 00D 254 4305 968 nsp	CC73CH1H101JT +1608 CK73B1E104KT +1608 CC73CH1H151JT +1608 CE04W1H010MT(SRE) CC73CH1H101JT +1608			
C726 C728 C729,730 C731 C733	nsp nsp 00D 254 4305 968 nsp nsp	CC73CH1H151JT +1608 CK73B1E104KT +1608 CE04W1H010MT(SRE) CK73B1E104KT +1608 CK73B1H103KT (1608) +1608			
C734 C736 C739-741 C742 C804,805	nsp nsp nsp 00D 254 4645 903 00D 254 4522 932	CK73B1H102KT +1608 CK73B1E104KT +1608 CK73B1E104KT +1608 CE67C0J221MT(MVA) +REF CE04W1V330MT SMG/RE3			
C806-813 C814-820 C821 C822-829 C831	nsp 00D 254 4524 972 00D 254 4536 928 nsp nsp	CK73B1E104KT +1608 CE04W1H4R7MT SMG/RE3 CE04W1A101MT SMG/RE3 CK73B1E104KT +1608 CK73B1E104KT +1608			
C934 C935 C936 C937 C938	nsp nsp nsp nsp nsp	CC73CH1H101JT +1608 CK73B1H103KT (1608) +1608 CK73B1E104KT +1608 CC73CH1H101JT +1608 CK73B1H103KT (1608) +1608			
C939 C941,942 C943 C944-948	nsp nsp 00D 254 4524 985 nsp	CK73B1E104KT +1608 CC73CH1H101JT +1608 CE04W1H100MT SMG/RE3 CK73B1E104KT +1608			
CC702 CC707 CC709 CC712 CC714	nsp 00D 254 4524 985 nsp 00D 254 4536 928 00D 254 4536 928	CK73B1H103KT (1608) +1608 CE04W1H100MT SMG/RE3 CK73B1H103KT (1608) +1608 CE04W1A101MT SMG/RE3 CE04W1A101MT SMG/RE3			
CC715	nsp	CK73B1E104KT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CC716-718 CC719 CC720 CC721-723	00D 254 4524 985 nsp nsp 00D 254 4536 928	CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CK73B1H103KT (1608) +1608 CE04W1A101MT SMG/RE3			
	CC724	00D 254 4327 904	CE04W0J102MT(SMG)			
<b>OTHERS PARTS GROUP</b>						
	CW054	nsp	5P CON.SOCKET TUC-P			
	CW082 CW092 CW102 CW112,113 CW132	nsp nsp nsp nsp nsp	8P CON.SOCKET(TUC-P) 9P SOCKET(9120) 10P CON.SOCKET TUC-P 11P SOCKET(9120) 13P SOCKET(9120)			
	CW962  CX044 CX053 CX054	nsp  nsp nsp	6P CON.SOCKET(TUC-P)  4P CON.BASE(TUC-P) 5P PH CON.BASE(L) +REF 5P CON.BASE TUC-P			
	CX092,093 CX112-115 CX116 CX132,133 CX134	nsp nsp nsp nsp nsp	9P PIN HEADER(9120) 11P PIN HEADER(9120) 11P CON.BASE(KR-PH) 13P PIN HEADER(9120) 13P CONN.BASE(KR-PH)			
	CX171 CX903 CX960  CY271	00D 205 1100 038 00D 205 1305 008 nsp  00D 205 1329 000	17P FFC BASE(P=1) 9P D-SUB CONNECTOR 6P CON.BASE(TUC-P)  27P FFC BASE(9610SB)			
	FB701 FB901,902  JK401-403	00D 235 0147 909 nsp  00D 204 8745 008	E.FIL(BLM21PG221SN1)+2125 RM73B--0R0KT +1608  6P S&PIN JACK(AU)			
	JK601,602 JK701 JK703 JK704 JK707	00D 204 8743 000 00D 205 0906 000 00D 204 8260 004 00D 205 1381 006 00D 204 8730 000	6P PIN JACK(FG/AU-GBR) 1P S-TERMINAL(AU.SW) MINI JACK USB CONNECTOR 3P PINJACK(BK/AU)			
	JK708 JK801  W701-703	00D 204 8744 038 00D 204 8744 009  nsp	3P PIN JACK(FG/AU-GBR) 3P PIN JACK(FG/AU-ORG)  M3 SCREW TERMINAL			

**1U-3806D P.AMP P.W.B. UNIT ASS'Y**

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC801	00D 262 3676 903	TC74VHCT08AF(E,K,F)			
	TR101	00D 271 0301 903	KTA1268-BL-AT/P			
	TR102-108	00D 273 0458 904	KTC3200-BL-AT/P			
	TR109-112	00D 269 0184 907	KRA102S-RTK/P (10K-10K)			
	TR114,115	00D 269 0184 907	KRA102S-RTK/P (10K-10K)			
	TR121	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR123	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR125	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR127	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR131	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR133	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR147	00D 271 0301 903	KTA1268-BL-AT/P			
	TR149	00D 273 0464 901	KTC3875S-GR-RTK/P			
	TR152	00D 273 0464 901	KTC3875S-GR-RTK/P			
	TR153	00D 271 0312 905	KTA1504S-GR-RTK/P			
	TR155	00D 273 0464 901	KTC3875S-GR-RTK/P			
	TR157	00D 273 0464 901	KTC3875S-GR-RTK/P			
	TR158	00D 271 0312 905	KTA1504S-GR-RTK/P			
	TR161,162	00D 273 0464 901	KTC3875S-GR-RTK/P			
	TR165	00D 271 0312 905	KTA1504S-GR-RTK/P			
	TR166	00D 273 0464 901	KTC3875S-GR-RTK/P			
	TR705-714	00D 273 0460 905	KTC2875-B-RTK/P			
	TR717-726	00D 273 0460 905	KTC2875-B-RTK/P			
	TR806	00D 271 0316 901	KTA1042D-Y-RTF/P			
	TR807	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
	TR808	00D 271 0316 901	KTA1042D-Y-RTF/P			
	TR809	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
	D101-121	00D 276 0401 905	1SS133T77 (TAPE)			
	D147	00D 276 0683 930	UDZS5.1B-TE17 +C			
	D151-154	00D 276 0338 007	S4VB20F			
	D166-169	00D 276 0401 905	1SS133T77 (TAPE)			
	D171,172	00D 276 0401 905	1SS133T77 (TAPE)			
	D801,802	00D 276 0794 900	KDS160-RTK/P			
	D803-805	00D 276 0833 900	ESD PROTECTOR(6802)			
	ZD101-114	00D 276 0643 970	MTZJ4.7A T77			
	ZD802,803	00D 276 0683 998	UDZS16B-TE17 +C			
<b>RESISTORS GROUP</b>						
	R108-121	00D 244 2050 904	RS14B3A220JNBST(S)			
	R122-149	00D 244 2671 956	RS14B3DR47JNBST(S)			
	R171	00D 244 2051 961	RS14B3A101JNBST(S)			
	R193	00D 241 2387 940	RD14B2E4R7JNBST			
	R215,216	00D 243 2039 032	RW99=3H0R1K			
	R217-223	00D 244 2682 945	RS14B3D2R2JNBST(S)			
	R224-230	00D 244 2671 901	RS14B3D100JNBST(S)			
	R233-235	00D 244 2055 996	RS14B3A122JNBST(S)			
	R236-239	00D 244 2052 960	RS14B3A221JNBST(S)			
	VR101-107	00D 211 6158 909	V06PB331T			
<b>CAPACITORS GROUP</b>						
	C101-107	00D 254 4574 922	CE04W1H101MT(RA3)			
	C108	00D 254 4587 715	CE04W2A101MC(RA3)			
	C110	00D 254 4581 928	CE04W2A4R7MT(ROB)			
	C111-122	00D 254 4581 915	CE04W2A100MT(ROB)			
	C123	00D 254 4581 928	CE04W2A4R7MT(ROB)			
	C181	nsp	CK73B1H103KT (1608) +1608			
	C197	00D 254 4525 913	CE04W1H470MT SMG/RE3			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C199	nsp	CK73B1E104KT +1608			
	C200	00D 254 4533 947	CE04W0J331MT SMG/RE3			
	C202	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C203	nsp	CK73B1E104KT +1608			
	C205	00D 254 4533 947	CE04W0J331MT SMG/RE3			
	C207	nsp	CK73B1E104KT +1608			
	C208	00D 254 4533 947	CE04W0J331MT SMG/RE3			
	C210	00D 255 1279 919	CQ93M1H473JT(B)			
	C211,212	00D 255 4258 775	CQ93P2A473JFC(NH2)			
	C213-216	00D 255 1279 919	CQ93M1H473JT(B)			
	C217	00D 254 4573 949	CE04W1H010MT(RA3)			
	C218,219	00D 254 6257 001	CE68W==153M(DL)			
	C220,221	00D 255 4255 972	CQ93P2A472JT(NH2)			
	C222-226	00D 255 1264 982	CQ93M1H472JT(B)			
	C229,230	00D 256 1064 907	CF93A2E334KT(B)L=16			
	C231	nsp	CK73B1H102KT +1608			
	C234	00D 256 1064 907	CF93A2E334KT(B)L=16			
	C235	nsp	CK73B1H102KT +1608			
	C237-241	nsp	CK73B1H102KT +1608			
	C242,243	00D 255 1264 982	CQ93M1H472JT(B)			
	C244,245	nsp	CK73B1H102KT +1608			
	C705,706	00D 254 4573 981	CE04W1H100MT(RA3)			
	C707-714	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C718-722	nsp	CK73B1E104KT +1608			
	C724,725	00D 254 4573 981	CE04W1H100MT(RA3)			
	C726-733	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C803,804	nsp	CK73B1E104KT +1608			
	C805	nsp	CK73B1H102KT +1608			
	C806	nsp	CK73B1E104KT +1608			
	C807	00D 254 4193 905	CE04W1C100MT (SRA)			
	C808	nsp	CK73B1H102KT +1608			
	C816,817	nsp	CK73B1E104KT +1608			
	C818,819	nsp	CC73CH1H221JT +1608			
	C820,821	nsp	CK73B1E104KT +1608			
<b>OTHERS PARTS GROUP</b>						
	CW142,143	nsp	14P CON.SOCKET TUC-P			
	CW162	nsp	16P CON.SOCKET TUC-P			
	CW960	nsp	6P CON.SOCKET(TUC-P)			
	CX041	nsp	4P CON.BASE(TUC-P)			
	CX052	nsp	5P VH CONNECTOR BASE			
	CX061-066	nsp	6P CON.BASE(TUC-P)			
	CX071	nsp	7P CON.BASE(TUC-P)			
	CX077	nsp	7P CON.BASE(TUC-P)			
	CX091	nsp	9P CON.BASE TUC-P			
	CX110	nsp	11P CON.BASE TUC-P			
	CX111	nsp	11P PIN HEADER(9120)			
	CX144	nsp	14P PIN HEADER(9120)			
	CX151,152	nsp	15P CON.BASE TUC-P			
	CX157	nsp	15P PIN HEADER(9120)			
	FB802-805	nsp	RM73B--0R0KT +2125			
	FB807	nsp	RM73B--0R0KT +2125			
	FB809,810	nsp	RM73B--0R0KT +2125			
	FB812,813	nsp	RM73B--0R0KT +2125			
	JK101	00D 205 1252 009	4P SP TERMINAL(V0)			
	JK102	00D 205 1251 000	6P SP TERMINAL(V0)			
	JK103	00D 205 1250 001	8P SP TERMINAL(V0)			
	JK801	00D 204 8424 002	H/PHONE JACK			
	JK804,805	00D 204 8649 007	MINI JACK (RD)			
	L101-107	00D 235 0191 007	INDUCTOR(1MH)			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
RL101-103 RL105 RL107 RL108	00D 214 0217 007 00D 214 0217 007 00D 214 0217 007 00D 214 0208 003	RELAY(DS24D2) RELAY(DS24D2) RELAY(DS24D2) RELAY(NA24W-K)			
ST701,702  TP101 TP102 TP103	nsp  nsp nsp nsp	STYLE PIN  6P NH CONNECTOR BASE 8P NH CONNECTOR BASE 3P NH CONNECTOR BASE			
W801	nsp  nsp nsp	M3 SCREW TERMINAL  1P WIRE 1P WIRE			

**1U-3802J P.SUPPLY P.W.B. UNIT ASS'Y**

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	TR401,402	00D 273 0468 907	KTC3199-GR-AT/P			
	TR803	00D 271 0301 903	KTA1268-BL-AT/P			
	TR805-811	00D 271 0301 903	KTA1268-BL-AT/P			
	TR813-816	00D 271 0301 903	KTA1268-BL-AT/P			
	TR817-819	00D 273 0471 907	KTC3206-Y-AT/P			
	TR821-824	00D 273 0471 907	KTC3206-Y-AT/P			
	TR825-827	00D 271 0314 903	KTA1024-Y-AT/P			
	TR829-832	00D 271 0314 903	KTA1024-Y-AT/P			
	TR833-835	00D 273 0471 907	KTC3206-Y-AT/P			
	TR837-840	00D 273 0471 907	KTC3206-Y-AT/P			
	TR901,902	00D 271 0301 903	KTA1268-BL-AT/P			
	D401	00D 276 0704 903	1SR35-400A(T93X)			
	D403-410	00D 276 0704 903	1SR35-400A(T93X)			
	D411,412	00D 276 0401 905	1SS133T77 (TAPE)			
	D413-415	00D 276 0704 903	1SR35-400A(T93X)			
	D417	00D 276 0305 001	S4VB20			
	D501	00D 276 0305 001	S4VB20			
	D504	00D 276 0305 001	S4VB20			
	D505,506	00D 276 0704 903	1SR35-400A(T93X)			
	D801-803	00D 276 0401 905	1SS133T77 (TAPE)			
	D805-811	00D 276 0401 905	1SS133T77 (TAPE)			
	D813-819	00D 276 0401 905	1SS133T77 (TAPE)			
	D821-826	00D 276 0401 905	1SS133T77 (TAPE)			
<b>RESISTORS GROUP</b>						
	R404	00D 244 2050 904	RS14B3A220JNBST(S)			
	R405	00D 244 2064 974	RS14B3A330JNBST(S)			
	R825-827	00D 241 2379 987	RD14B2E102JNBST			
	R829-832	00D 241 2379 987	RD14B2E102JNBST			
	R849-851	00D 241 2379 987	RD14B2E102JNBST			
	R853-856	00D 241 2379 987	RD14B2E102JNBST			
	R865-867	00D 244 2671 914	RS14B3D153JNBST(S)			
	R869-872	00D 244 2671 914	RS14B3D153JNBST(S)			
	R873-875	00D 241 2378 946	RD14B2E271JNBST			
	R877-883	00D 241 2378 946	RD14B2E271JNBST			
	R885-891	00D 241 2378 946	RD14B2E271JNBST			
	R893-896	00D 241 2378 946	RD14B2E271JNBST			
<b>CAPACITORS GROUP</b>						
	C402	00D 254 4524 943	CE04W1H010MT SMG/RE3			
	C403	00D 254 4442 708	CE04W1C682MC (SMG)			
	C405	00D 254 4524 943	CE04W1H010MT SMG/RE3			
	C407	00D 255 1279 951	CQ93M1H104JT(B)			
	C408,409	00D 253 8022 707	CK45F2EAC103MC			
	C410	00D 255 1279 951	CQ93M1H104JT(B)			
	C411	00D 254 4523 724	CE04W1V472MC SMG/RE3			
	C412	00D 255 1279 951	CQ93M1H104JT(B)			
	C501	00D 256 1042 903	CF93A2E104KT			
	C502,503	00D 255 1279 951	CQ93M1H104JT(B)			
	C504,505	00D 254 6258 000	CE68W1V822M			
	C513-515	00D 255 1279 951	CQ93M1H104JT(B)			
	C516,517	00D 254 4428 706	CE04W1V222MC (SMG)			
	C518,519	00D 254 4761 706	CE04W1C153MC(SMQ)			
	C801,802	00D 254 4583 942	CE04W1H100MT(ROB)			
	C803	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C804	00D 254 4583 942	CE04W1H100MT(ROB)			
	C805-808	00D 254 4524 985	CE04W1H100MT SMG/RE3			
	C809,810	00D 255 4252 959	CQ93P2A221JT(NH2)			
	C811	00D 255 1273 944	CQ93M1H221KT(B)			
	C813-816	00D 255 1273 944	CQ93M1H221KT(B)			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C817-819	00D 255 1273 986	CQ93M1H471JT(B)			
	C821-824	00D 255 1273 986	CQ93M1H471JT(B)			
	C825-827	00D 255 1264 953	CQ93M1H272JT(B)			
	C829-832	00D 255 1264 953	CQ93M1H272JT(B)			
	C833,834	00D 255 4250 964	CQ93P2A330JT(NH2)			
	C835	00D 253 4552 909	CC45SL2H330JT			
	C837-840	00D 253 4552 909	CC45SL2H330JT			
	C841,842	00D 254 4765 919	CE04W1E221MT(ROB)			
	C843	00D 254 4579 707	CE04W1H221MC(RA3)			
	C845-848	00D 254 4579 707	CE04W1H221MC(RA3)			
	C857-859	00D 253 4550 901	CC45SL2H050CT			
	C861-864	00D 253 4550 901	CC45SL2H050CT			
	C865-867	00D 253 4551 900	CC45SL2H470JT			
	C869-872	00D 253 4551 900	CC45SL2H470JT			
	C873-875	00D 255 1275 942	CQ93M2A221KT(B)			
	C877-880	00D 255 1275 942	CQ93M2A221KT(B)			
<b>OTHERS PARTS GROUP</b>						
	CW041	nsp	4P CON.SOCKET(TUC-P)			
	CW051	nsp	5P CON.SOCKET TUC-P			
	CW061-066	nsp	6P CON.SOCKET(TUC-P)			
	CW077	nsp	7P CON.SOCKET(TUC-P)			
	CW091	nsp	9P CON.SOCKET TUC-P			
	CW095-097	nsp	9P CON.SOCKET TUC-P			
	CW119	nsp	11P CON.SOCKET TUC-P			
	CW123	nsp	12P CON.SOCKET TUC-P			
	CW135	nsp	13P CON.SOCKET(TUC-P)			
	CW151	nsp	15P CON.SOCKET TUC-P			
	CW191	nsp	19P CON.BASE(TWG-P)			
	CW192	nsp	19P CON.PLUG(TWG-P)			
	CW945	nsp	4P CON.SOCKET(TUC-P)			
	CX021	nsp	2P VH CONNECTOR BASE			
	CX022	nsp	2P VH CON BASE (Red)			
	CX023	nsp	2P VH CON BASE (White)			
	CX025	nsp	2P VH CON BASE (Blue)			
	CX033	nsp	3P EH CON BASE (RD)			
	CX034	nsp	3P EH CON BASE (BU)			
	CX046	nsp	4P EH CONN. BASE(RD)			
	CX068	nsp	6P CON.BASE(TUC-P)			
	CX081	nsp	8P CON BASE(TUC-P)			
	CX084	nsp	8P CON BASE(TUC-P)			
	CX094	nsp	9P CON.BASE TUC-P			
	CX124	nsp	12P ZR CON. BASE			
	CX143	nsp	14P CON.BASE TUC-P			
	CX155	nsp	15P CON.BASE TUC-P			
	CX156	nsp	15P PIN HEADER(9120)			
	CX192	nsp	19P CON.BASE(TWG-P)			
	CX962	nsp	6P CON.BASE(TUC-P)			
	CX965	nsp	6P CON.BASE(TUC-P)			
	F401	00D 206 1086 016	FUSE 10A (UL/CSA/J)			
	F401	nsp	FUSE LABEL(T10A)			
	F402	00D 206 1052 008	FUSE 8A			
	F402	nsp	FUSE LABEL			
	F403	00D 206 1035 054	FUSE 1.6A (T)			
	F403	nsp	FUSE LABEL			
	F501	00D 206 1035 012	FUSE 5A (T)			
	F501	nsp	FUSE LABEL(T5A)			
	F502	00D 206 1035 012	FUSE 5A (T)			
	F502	nsp	FUSE LABEL(T5A)			
	F503	00D 206 1035 009	FUSE 3.15A (T)			
	F503	nsp	FUSE LABEL			
	F504	00D 206 1035 009	FUSE 3.15A (T)			
	F504	nsp	FUSE LABEL			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	FF401 FF403,404 FF501-504	nsp nsp nsp	FUSE HOLDER(DPS1) FUSE CLIP(TAPE) FUSE CLIP(TAPE)			
	FH401 FH403,404 FH501-504	nsp nsp nsp	FUSE HOLDER(DPS1) FUSE CLIP(TAPE) FUSE CLIP(TAPE)			
⚠	JK401	00D 203 3976 002	AC OUTLET(2P)			
	RL401 RL403 ST101-103	00D 214 0241 002 00D 214 0241 002 nsp	RELAY DL1SU TV-8 RELAY DL1SU TV-8 STYLE PIN			
⚠	T402  W801 W802,803	00D 233 0736 000  nsp nsp	STANDBY TRANS  M3 SCREW TERMINAL M3 SCREW TERMINAL			
		nsp  nsp	RADIATOR  3X16 CPS SW W ZNP			
		nsp	VINYL WIRE			

**1U-3845D FRONT P.W.B. UNIT ASS'Y**

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
⚠	IC101 IC102 IC601 IC602	00D 499 0318 002 00D 268 0073 905 00D 263 1274 009 00D 263 1100 005	GP1UM271XKVF ICP-N15T NJM2396F12 KIA7805API-U/P			
	IC603 IC608 IC609 IC610	00D 279 0034 067 00D 263 1163 000 00D 263 1092 003 00D 263 0554 005	PTH9M04BB222TS2F333 KIA78R09PI-U/P BA05T NJM7905FA			
	TR101 TR102 TR103 TR106 TR112,113	00D 269 0191 903 00D 274 0212 907 00D 269 0193 901 00D 273 0494 900 00D 274 0212 907	KRA104S-RTK/P (47K-47K) 2SD1782KT146 KRC104S-RTK/P (47K-47K) KTC2022D-Y-RTF/P 2SD1782KT146			
	TR301 TR302,303 TR304 TR371-373 TR601	00D 269 0192 902 00D 271 0312 905 00D 269 0193 901 00D 269 0192 902 00D 273 0468 907	KRC102S-RTK/P (10K-10K) KTA1504S-GR-RTK/P KRC104S-RTK/P (47K-47K) KRC102S-RTK/P (10K-10K) KTC3199-GR-AT/P			
	TR602 TR603 TR604 TR605 TR606	00D 271 0311 906 00D 274 0198 005 00D 272 0158 007 00D 273 0468 907 00D 271 0311 906	KTA1267-GR-AT/P KTD998-O-U/P KTB778-O-U/P KTC3199-GR-AT/P KTA1267-GR-AT/P			
	TR607 TR608 TR609 TR610 TR615	00D 272 0158 007 00D 274 0198 005 00D 269 0192 902 00D 271 0313 904 00D 273 0464 901	KTB778-O-U/P KTD998-O-U/P KRC102S-RTK/P (10K-10K) KTA1281-Y-AT/P KTC3875S-GR-RTK/P			
	TR626 TR627 TR628 TR629 TR630	00D 271 0313 904 00D 269 0192 902 00D 273 0469 906 00D 271 0311 906 00D 272 0158 007	KTA1281-Y-AT/P KRC102S-RTK/P (10K-10K) KTC3209-Y-AT/P KTA1267-GR-AT/P KTB778-O-U/P			
	TR631 TR632 TR633  D101	00D 274 0198 005 00D 269 0206 908 00D 271 0312 905  00D 276 0704 903	KTD998-O-U/P KRC102M-AT/P (10K-10K) KTA1504S-GR-RTK/P  1SR35-400A(T93X)			
	D602-606 D620 D623,624  ZD101,102	00D 276 0401 905 00D 276 0401 905 00D 276 0723 900  00D 276 0480 900	1SS133T77 (TAPE) 1SS133T77 (TAPE) RB721Q-40  HZA22-1TD			
	ZD103 ZD601,602 ZD603,604 ZD605 ZD609	00D 276 0636 903 00D 276 0468 906 00D 276 0475 902 00D 276 0471 906 00D 276 0465 912	MTZJ8.2BT77 HZA9B-1TD HZA12C-1TD HZA11B-1TD HZA7B-2TD			
	ZD610,611 ZD612,613 ZD615 ZD616	00D 276 0471 906 00D 276 0475 902 00D 276 0476 901 00D 276 0465 912	HZA11B-1TD HZA12C-1TD HZA15-1 TD(TAPE) HZA7B-2TD			
	LD301 LD371-373  FL101	00D 393 9671 002 00D 393 9662 901  00D 393 8094 004	SMLU12416W-S SEL1410ETP2(D2/D3)  FLD(19-BT-08GINK)			
<b>RESISTORS GROUP</b>						
	R146 R149	00D 244 2043 937 00D 244 2043 937	RS14B3A100JNBST(S) RS14B3A100JNBST(S)			

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
R601,602	00D 244 2050 988	RS14B3A202JNBST(S)			
R605,606	00D 244 2050 988	RS14B3A202JNBST(S)			
R634	00D 241 2376 919	RD14B2E300JNBST			
R638	00D 241 2376 919	RD14B2E300JNBST			
R639	00D 244 2055 912	RS14B3AR47JNBST(S)			
R641	00D 244 2055 912	RS14B3AR47JNBST(S)			
<b>CAPACITORS GROUP</b>					
C101	00D 255 1279 951	CQ93M1H104JT(B)			
C102	00D 256 1042 903	CF93A2E104KT			
C103,104	nsp	CK73B1E104KT +1608			
C105	nsp	CC73CH1H101JT +1608			
C106	00D 254 4193 905	CE04W1C100MT (SRA)			
C107	nsp	CC73CH1H101JT +1608			
C108	00D 255 1279 951	CQ93M1H104JT(B)			
C109	00D 254 4538 942	CE04W1C101MT SMG/RE3			
C110	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C115,116	00D 254 4812 707	CE04W1H471MC(SRG/K15)			
C117,118	nsp	CK73B1E104KT +1608			
C122	nsp	CK73B1H102KT +1608			
C125	nsp	CK73B1E104KT +1608			
C126	00D 254 4527 940	CE04W2A010MT SMG/RE3			
C127	00D 254 4802 908	CE04W1J101MT(RA3)			
C129	nsp	CK73B1H103KT (1608) +1608			
C130	nsp	CC73CH1H101JT +1608			
C131	nsp	CK73B1H103KT (1608) +1608			
C132-135	nsp	CK73B1H102KT +1608			
C136	nsp	CK73B1H103KT (1608) +1608			
C137	nsp	CK73B1E104KT +1608			
C138	nsp	CK73B1H103KT (1608) +1608			
C139	nsp	CK73B1E104KT +1608			
C140	nsp	CK73B1H103KT (1608) +1608			
C141	nsp	CK73B1E104KT +1608			
C142	nsp	CK73B1H103KT (1608) +1608			
C143	nsp	CK73B1E104KT +1608			
C302	nsp	CK73B1H102KT +1608			
C303	nsp	CK73B1H103KT (1608) +1608			
C304	nsp	CK73B1E104KT +1608			
C306,307	nsp	CK73B1E104KT +1608			
C381,382	nsp	CK73B1E104KT +1608			
C391,392	nsp	CK73B1E104KT +1608			
C606,607	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C608,609	00D 254 4765 919	CE04W1E221MT(ROB)			
C610,611	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C612,613	00D 254 4541 955	CE04W1E221MT SMG/RE3			
C614	00D 254 4524 943	CE04W1H010MT SMG/RE3			
C616	00D 254 4524 998	CE04W1H220MT SMG/RE3			
C617	00D 254 4574 922	CE04W1H101MT(RA3)			
C620	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C645-649	00D 254 4524 943	CE04W1H010MT SMG/RE3			
C650	00D 254 4653 911	CE04W1V271MT H20D(KY			
C651	00D 254 4524 943	CE04W1H010MT SMG/RE3			
C733,734	00D 255 1264 908	CQ93M1H102JT(B)			
C737,738	00D 255 1279 951	CQ93M1H104JT(B)			
<b>OTHERS PARTS GROUP</b>					
CW043,044	nsp	4P CON SOCKET(TUC-P)			
CW103,104	nsp	10P CON SOCKET TUC-P			
CX043	nsp	4P CON.BASE(TUC-P)			
CX051	nsp	5P CON.BASE TUC-P			
CX095-097	nsp	9P CON.BASE TUC-P			
CX103,104	nsp	10P CON.BASE TUC-P			
CX118,119	nsp	11P CON.BASE TUC-P			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	CX122,123 CX135 CX945 CX963	nsp nsp nsp nsp	12P CON.BASE TUC-P 13P CON.BASE(TUC-P) 4P CON.BASE(TUC-P) 6P CONN BASE			
	CY022 CY251  FB101,102	nsp 00D 205 1316 000  nsp	2P VH CON BASE (Red) 25P FFC BASE(9610S)Y  RM73B--0R0KT +2125			
⚠	JK702  S301 S302 S331-345	00D 204 8217 031  00D 212 5611 903 00D 212 1030 009 00D 212 5611 903	H/P JACK (BK(AU))  TACT SWITCH(TAPE H5) POWER SWITCH (TV-5) TACT SWITCH(TAPE H5)			
	S347 S349-351 S371-373 S381 S391	00D 212 5611 903 00D 212 5611 903 00D 212 5611 903 00D 212 0373 000 00D 212 5611 903	TACT SWITCH(TAPE H5) TACT SWITCH(TAPE H5) TACT SWITCH(TAPE H5) ROT.ENCODER-EC16B TACT SWITCH(TAPE H5)			
	S392 S393-395  W705	00D 212 0373 000 00D 212 5611 903  nsp	ROT.ENCODER-EC16B TACT SWITCH(TAPE H5)  M3 SCREW TERMINAL			
		nsp nsp  nsp nsp	3X8 CPS(SW,W) ZNP RADIATOR  UL TUBE(1.0) BK RUBBER SHEET			

**1U-3804J AUDIO/CPU P.W.B. UNIT ASS'Y**

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC101-112	00D 263 0896 909	NJM2068MD-TE1 +C			
	IC301	00D 262 3739 002	APPA300			
	IC451	00D 263 0896 909	NJM2068MD-TE1 +C			
	IC501	00D 263 0896 909	NJM2068MD-TE1 +C			
	IC701	00D GEN 8560 C	MAIN CPU SUB ASSY	M3087BFLBGP		
	IC801,802	00D 262 3410 907	TC74VHCT08AFT			
	IC904	00D 263 0896 909	NJM2068MD-TE1 +C			
	IC971,972	00D 262 3446 900	TC4052BFT			
	TR501	00D 271 0301 903	KTA1268-BL-AT/P			
	TR502	00D 274 0160 907	2SD2144STPU			
	TR503	00D 271 0301 903	KTA1268-BL-AT/P			
	TR504	00D 273 0458 904	KTC3200-BL-AT/P			
	TR505	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
	TR506	00D 271 0301 903	KTA1268-BL-AT/P			
	TR507	00D 273 0458 904	KTC3200-BL-AT/P			
	TR509	00D 274 0160 907	2SD2144STPU			
	TR510,511	00D 271 0301 903	KTA1268-BL-AT/P			
	TR512-516	00D 269 0184 907	KRA102S-RTK/P (10K-10K)			
	TR519-526	00D 273 0460 905	KTC2875-B-RTK/P			
	TR531-538	00D 273 0460 905	KTC2875-B-RTK/P			
	TR543,544	00D 271 0301 903	KTA1268-BL-AT/P			
	TR548	00D 271 0301 903	KTA1268-BL-AT/P			
	TR701,702	00D 273 0460 905	KTC2875-B-RTK/P			
	TR703-705	00D 273 0464 901	KTC3875S-GR-RTK/P			
	TR706	00D 269 0191 903	KRA104S-RTK/P (47K-47K)			
	TR707	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
	TR708	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR709	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
	TR710	00D 271 0326 904	2SA1954(B)-TE85L			
	TR711,712	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR713	00D 271 0326 904	2SA1954(B)-TE85L			
	TR716	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR717	00D 271 0326 904	2SA1954(B)-TE85L			
	TR801	00D 269 0192 902	KRC102S-RTK/P (10K-10K)			
	TR802	00D 271 0326 904	2SA1954(B)-TE85L			
	TR971	00D 269 0191 903	KRA104S-RTK/P (47K-47K)			
	TR972	00D 269 0193 901	KRC104S-RTK/P (47K-47K)			
	D501-510	00D 276 0856 903	RB500V-40			
	D511	00D 276 0794 900	KDS160-RTK/P			
	D512-515	00D 276 0856 903	RB500V-40			
	D516	00D 276 0794 900	KDS160-RTK/P			
	D517-519	00D 276 0704 903	1SR35-400A(T93X)			
	D701,702	00D 276 0794 900	KDS160-RTK/P			
	D703	nsp	RM73B--0R0KT +2125			
	D704,705	00D 276 0704 903	1SR35-400A(T93X)			
	D706	nsp	RM73B--0R0KT +2125			
	ZD704	00D 276 0459 915	HZS5B-2TD			
<b>RESISTORS GROUP</b>						
	R512	00D 241 2383 902	RD14B2E223JNBST			
	R529	00D 241 2383 902	RD14B2E223JNBST			
	R741,742	00D 241 2387 908	RD14B2E010JNBST			
<b>CAPACITORS GROUP</b>						
	C101-106	nsp	CK73B1H103KT (1608) +1608			
	C107,108	nsp	RM73B--0R0KT +1608			
	C109	00D 254 4573 981	CE04W1H100MT(RA3)			
	C110-114	nsp	RM73B--0R0KT +1608			

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Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C115	00D 254 4524 943	CE04W1H010MT SMG/RE3			
C118-139	nsp	CC73CH1H331JT +1608			
C140-143	nsp	CC73CH1H101JT +1608			
C144,145	nsp	CC73CH1H221JT +1608			
C146-155	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C156-159	00D 254 4573 981	CE04W1H100MT(RA3)			
C160-173	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C174,175	00D 254 4577 958	CE04W1C221MT(RA3)			
C186,187	nsp	CC73CH1H101JT +1608			
C202,203	00D 257 1021 998	CC73CH1H223JT +3216			
C204,205	00D 257 1021 969	CC73CH1H682JT +3216			
C206-213	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C214-217	00D 254 4573 981	CE04W1H100MT(RA3)			
C218-227	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C228	00D 254 4573 981	CE04W1H100MT(RA3)			
C229,230	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C231	00D 254 4573 981	CE04W1H100MT(RA3)			
C234	00D 254 4573 981	CE04W1H100MT(RA3)			
C235	nsp	RM73B--0R0KT +1608			
C309	00D 254 4574 922	CE04W1H101MT(RA3)			
C312,313	00D 254 4574 922	CE04W1H101MT(RA3)			
C318,319	00D 254 4574 922	CE04W1H101MT(RA3)			
C322	00D 254 4574 922	CE04W1H101MT(RA3)			
C325,326	00D 254 4580 712	CE04W1H101MC(ROB)			
C332	00D 254 4574 922	CE04W1H101MT(RA3)			
C337,338	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C339	nsp	CK73B1H102KT +1608			
C344,345	00D 254 4580 712	CE04W1H101MC(ROB)			
C451,452	nsp	CC73CH1H331JT +1608			
C453	00D 254 4524 943	CE04W1H010MT SMG/RE3			
C454	nsp	CK73B1H102KT +1608			
C455,456	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C459,460	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C501	nsp	CK73B1H103KT (1608) +1608			
C502	00D 254 4524 972	CE04W1H4R7MT SMG/RE3			
C503	00D 254 4524 956	CE04W1H2R2MT SMG/RE3			
C504,505	nsp	CK73B1H103KT (1608) +1608			
C506	00D 254 4524 972	CE04W1H4R7MT SMG/RE3			
C507	00D 254 4574 922	CE04W1H101MT(RA3)			
C508-512	00D 254 4524 901	CE04W1H0R1MT SMG/RE3			
C516-523	00D 254 4524 998	CE04W1H220MT SMG/RE3			
C527-534	00D 254 4524 998	CE04W1H220MT SMG/RE3			
C539	00D 254 4524 943	CE04W1H010MT SMG/RE3			
C540-547	nsp	CC73CH1H331JT +1608			
C554-557	nsp	CK73B1H103KT (1608) +1608			
C558	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C601	nsp	CC73CH1H221JT +1608			
C703	00D 255 1279 951	CQ93M1H104JT(B)			
C704	00D 254 4524 972	CE04W1H4R7MT SMG/RE3			
C705	nsp	CK73B1H103KT (1608) +1608			
C706,707	nsp	CK73B1E104KT +1608			
C708	nsp	CK73B1H103KT (1608) +1608			
C709	nsp	CK73B1H102KT +1608			
C710	00D 254 4666 005	CE04W0H105ZC(FG)			
C711,712	nsp	CC73CH1H100DT +1608			
C713	00D 254 4533 934	CE04W0J221MT SMG/RE3			
C714	nsp	CK73B1H102KT +1608			
C715	nsp	CK73B1E104KT +1608			
C716	00D 254 4536 928	CE04W1A101MT SMG/RE3			
C801,802	nsp	CK73B1E104KT +1608			
C929,930	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C933,934	00D 254 4524 985	CE04W1H100MT SMG/RE3			
C971-976	nsp	CC73CH1H101JT +1608			
C977	00D 254 4536 928	CE04W1A101MT SMG/RE3			
C978,979	nsp	CK73B1H103KT (1608) +1608			
C980-982	nsp	CC73CH1H101JT +1608			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>OTHERS PARTS GROUP</b>						
	CW055 CW068	nsp nsp	5P PH-SAN CON.CORD 6P CON.SOCKET(TUC-P)			
	CW071 CW081 CW110 CW152-155 CW156	nsp nsp nsp nsp nsp	7P CON.SOCKET(TUC-P) 8P CON.SOCKET(TUC-P) 11P CON.SOCKET TUC-P 15P CON.SOCKET TUC-P 15P SOCKET(9120)			
	CW161  CX042 CX055 CX082	nsp  nsp nsp nsp	16P CON.SOCKET TUC-P  4P PIN HEADER(9120) 5P CONN.BASE(KR-PH) 8P CON BASE(TUC-P)			
	CX083 CX102 CX136 CX142 CX153,154	nsp nsp nsp nsp nsp	8P PIN HEADER(9120) 10P CON.BASE TUC-P 13P ZR CON BASE 14P CON.BASE TUC-P 15P CON.BASE TUC-P			
	CX159 CX161,162 CX191 CX251 CX271	nsp nsp nsp 00D 205 1352 048 00D 205 1352 064	15P PIN HEADER(9120) 16P CON.BASE TUC-P 19P CON.PLUG(TWG-P) 25P-FFC-BASE(TOC-J) 27P-FFC-BASE(TOC-J)			
	CY116 CY134  JK101	nsp nsp 00D 204 8747 006	11P CON.BASE(KR-PH) 13P CONN.BASE(KR-PH)  4P-PIN-JACK(AU)			
	JK102-107 JK501 JK502 JK705 JK971-973	00D 204 8740 003 00D 204 8747 006 00D 204 8740 003 00D 204 8725 002 00D 204 8718 006	4P-PIN-JACK(AU) 4P-PIN-JACK(AU) 4P-PIN-JACK(AU) 2P PIN JACK(AU) D CONNECTOR			
	TP701  X701	00D 205 1393 010 00D 399 0594 005	12P FFC BASE(9610SA)  X'TAL(30MHZ)			

**1U-3817J DIGITAL POWER P.W.B. UNIT ASS'Y**

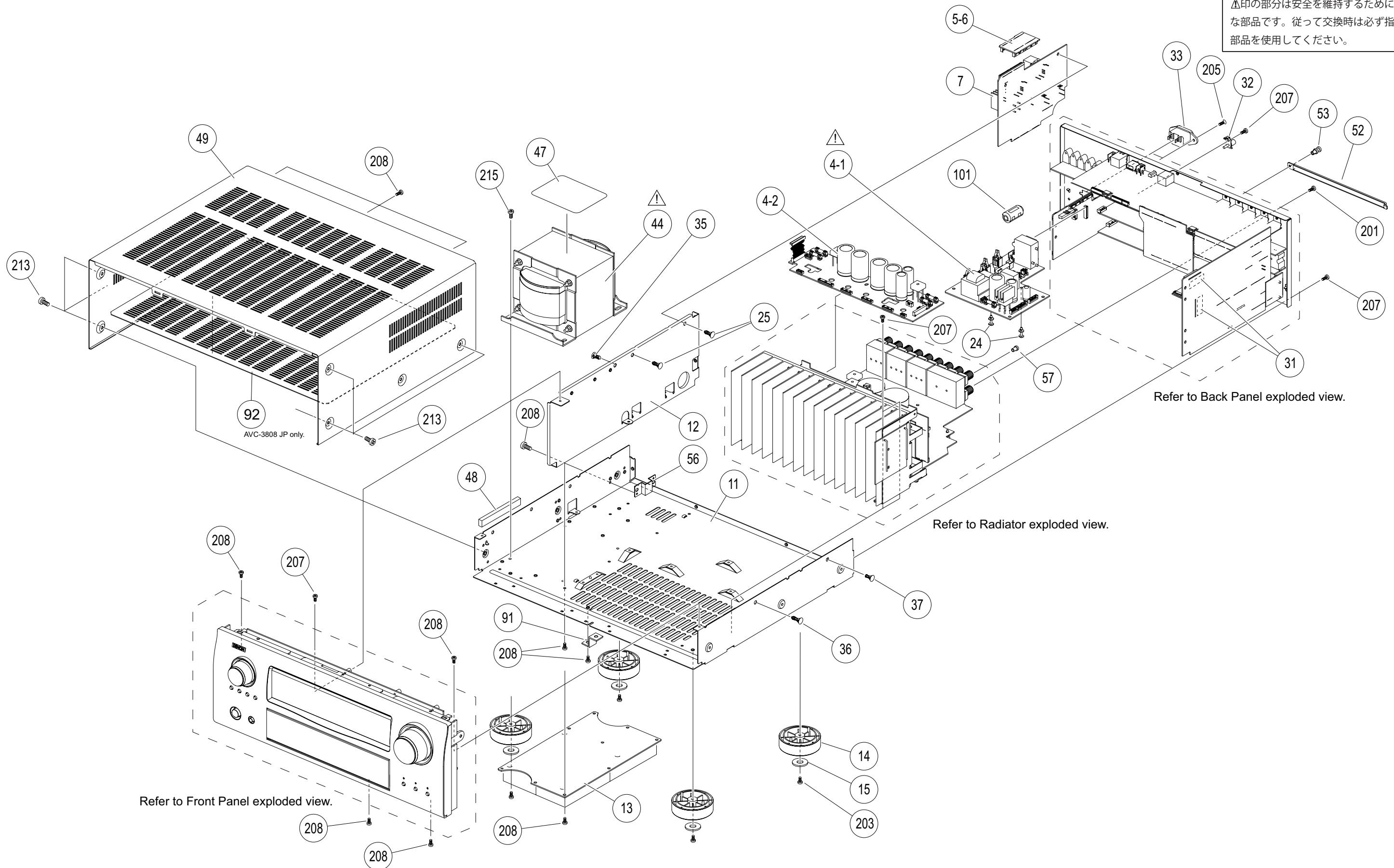
	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
	IC802 IC803 IC804 IC805	00D 263 1280 006 00D 263 1186 003 00D 263 1280 006 00D GEN 8374	SI-8008HFE SI-8033S(LF1101) SI-8008HFE RADITOR SUB ASSY	SI-8001FFE(LF1113A)		
⚠	IC807 IC809 IC811  TR801	00D 263 1242 918 00D 268 0073 905 00D 263 1035 002  00D 272 0161 900	NJM2831F06 ICP-N15T PQ30RV11  2SB1412TL(PQR) +C			
	TR802 TR803 TR804 TR806 TR808-810	00D 269 0048 904 00D 273 0464 901 00D 269 0192 902 00D 273 0464 901 00D 273 0464 901	DTC143EK-T96 +C KTC3875S-GR-RTK/P KRC102S-RTK/P (10K-10K) KTC3875S-GR-RTK/P KTC3875S-GR-RTK/P			
	TR811-813 TR815 TR816 TR820	00D 269 0192 902 00D 271 0313 904 00D 269 0192 902 00D 273 0464 901	KRC102S-RTK/P (10K-10K) KTA1281-Y-AT/P KRC102S-RTK/P (10K-10K) KTC3875S-GR-RTK/P			
	D802,803 D804 D805 D806 D809-811	00D 276 0704 916 00D 276 0847 909 00D 276 0854 905 00D 276 0401 905 00D 276 0401 905	1SR35-400A(T82) RSX101M-30 RSX501L-20 1SS133T77 (TAPE) 1SS133T77 (TAPE)			
	D813 D818 D819-822 D824	00D 276 0704 916 00D 276 0305 001 00D 276 0850 705 00D 276 0704 916	1SR35-400A(T82) S4VB20 RSX1001T3 1SR35-400A(T82)			
	ZD805 ZD806-808 ZD810 ZD825	00D 276 0464 900 00D 276 0461 903 00D 276 0466 908 00D 276 0477 900	HZS7A-1TD HZS6A-1TD HZS7C-1TD HZS16-1 TD(TAPE)			
<b>RESISTORS GROUP</b>						
	R801 R803 R804	00D 244 2052 960 00D 247 0047 947 00D 247 0045 965	RS14B3A221JNBST(S) RM73B--472DT RM73B--821DT			
	R808 R809 R824 R825 R826	00D 247 0047 947 00D 247 0047 934 00D 247 0047 992 00D 247 0045 965 00D 247 0047 992	RM73B--472DT RM73B--432DT RM73B--752DT RM73B--821DT RM73B--752DT			
	R827 R828 R830	00D 247 0045 965 00D 247 0046 948 00D 247 0044 982	RM73B--821DT RM73B--182DT RM73B--391DT			
<b>CAPACITORS GROUP</b>						
	C803-806 C807 C811,812 C816	nsp 00D 255 1279 919 00D 254 4651 913 00D 254 4193 905	CK73B1H102KT +1608 CQ93M1H473JT(B) CE04W0J102MT H15(KY) CE04W1C100MT (SRA)			
	C817 C819-821 C822-824 C825 C826	00D 254 4524 985 nsp 00D 254 4653 911 00D 255 1279 951 00D 254 4801 705	CE04W1H100MT SMG/RE3 CK73B1E104KT +1608 CE04W1V271MT H20D(KY) CQ93M1H104JT(B) CE04W1V103MC(SMQ)			
	C828 C829 C830 C831	00D 254 4651 913 nsp 00D 254 4653 911 00D 254 4524 943	CE04W0J102MT H15(KY) CK73B1E104KT +1608 CE04W1V271MT H20D(KY) CE04W1H010MT SMG/RE3			

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C832	00D 254 4651 913	CE04W0J102MT H15(KY)			
	C835	00D 254 4403 718	CE04W1E102MC (SMG)			
<b>OTHERS PARTS GROUP</b>						
	CW027	nsp	3P VH-SDN CON.CORD			
	CW028	nsp	3P VH-SDN CON.CORD			
	CW084	nsp	8P CON.SOCKET(TUC-P)			
	CW094	nsp	9P CON.SOCKET TUC-P			
	CW118	nsp	11P CON.SOCKET TUC-P			
	CW122	nsp	12P CON.SOCKET TUC-P			
	CW965	nsp	6P CON.SOCKET(TUC-P)			
	CX031	nsp	3P EH CON BASE (YW)			
	CX121	nsp	12P CONN.BASE(KR-PH)			
⚠	F801	00D 206 1035 012	FUSE 5A (T)			
	F801	nsp	FUSE LABEL(T5A)			
	FF802	nsp	FUSE CLIP(TAPE)			
	FH802	nsp	FUSE CLIP(TAPE)			
	L801-804	00D 232 0200 009	COIL(C3B-A0542)			
		nsp	RADIATOR	IC802-805		
		nsp	RADIATOR	D818		
		nsp	3X8 CPS(SW,W) ZNP			
		nsp	3X16 CPS SW W ZNP			

## EXPLODED VIEWS (1/3) (MAIN UNIT)

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

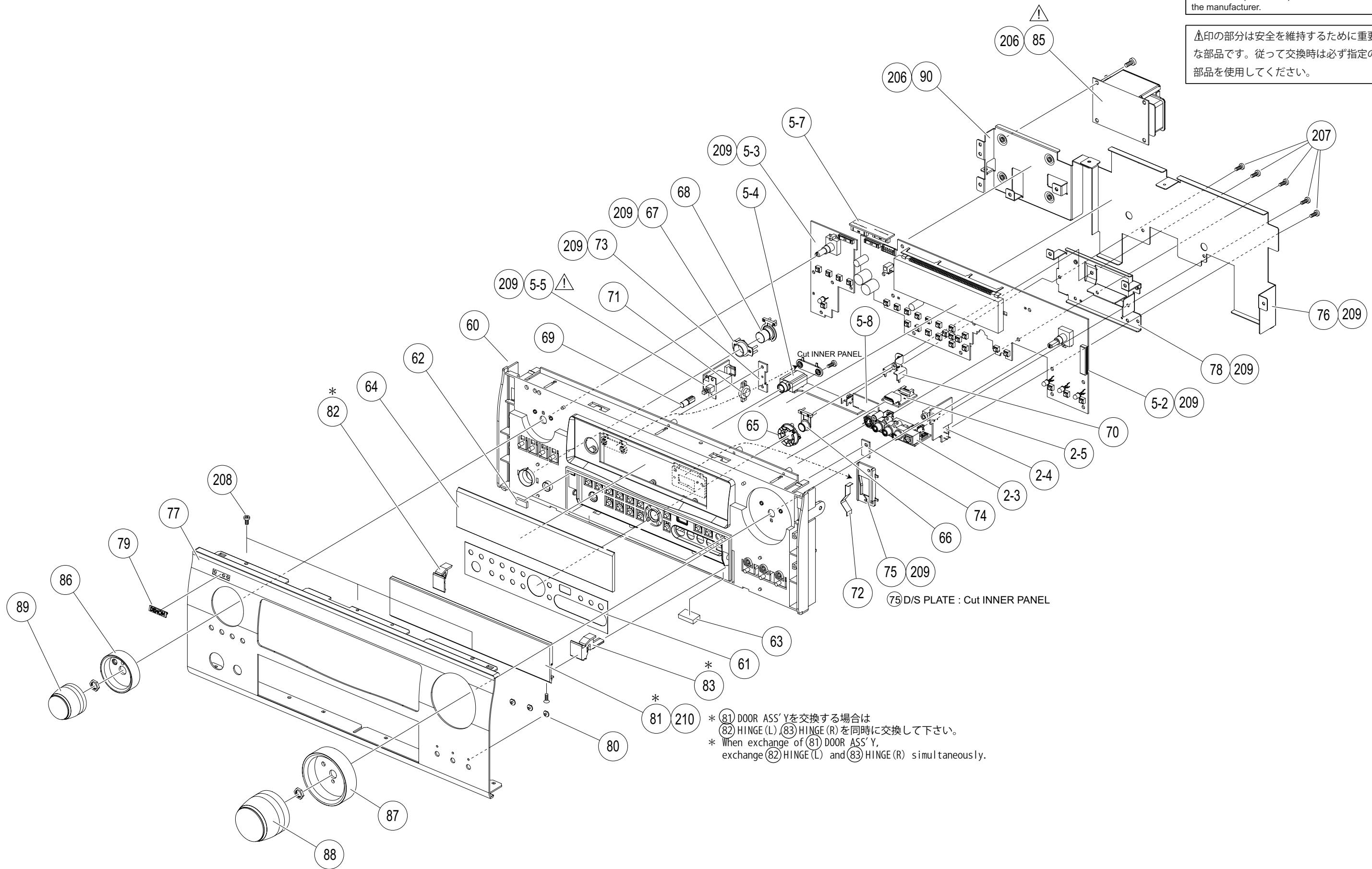
印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。



**EXPLODED VIEWS (2/3)**  
**(FRONT PANEL UNIT)**

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

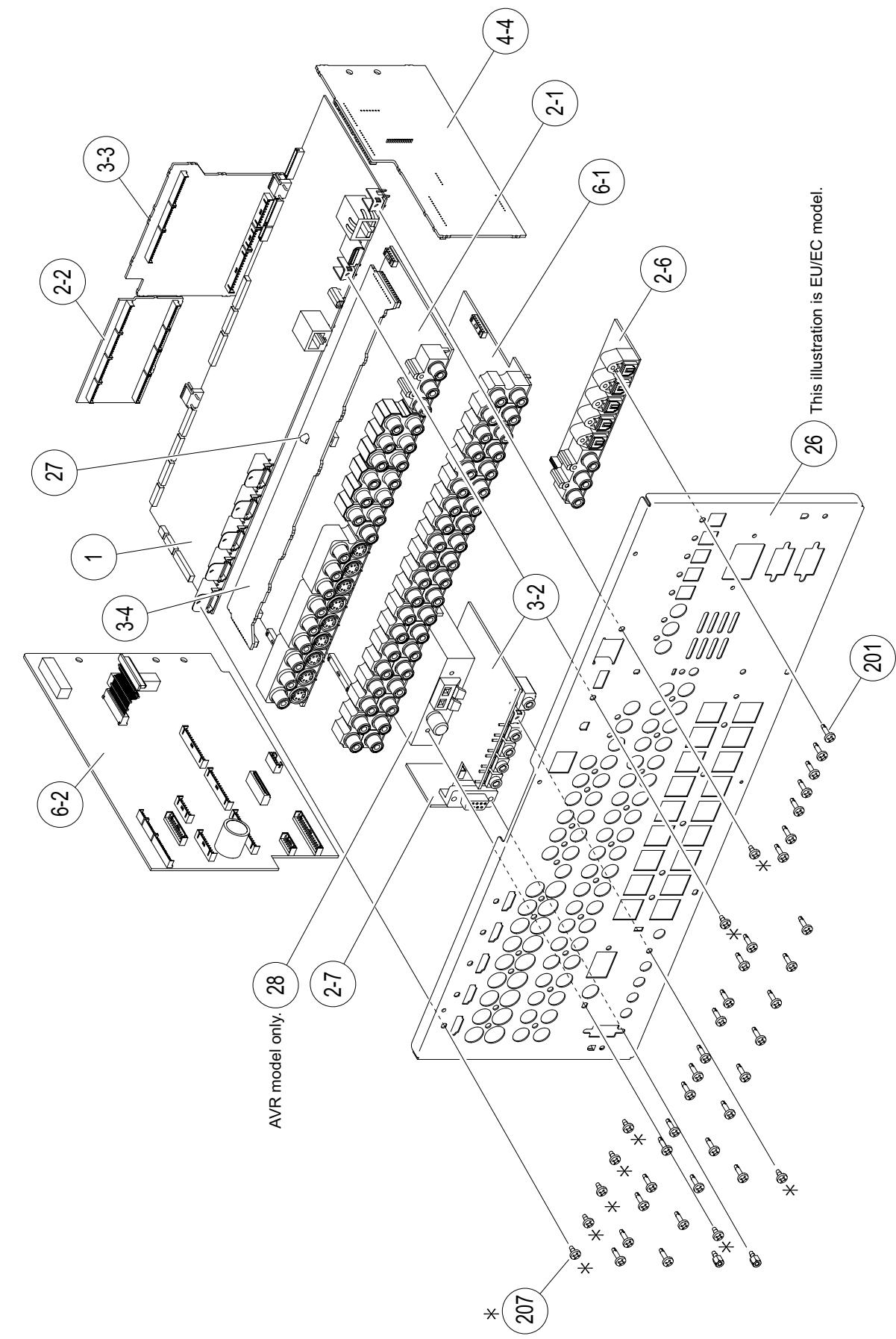
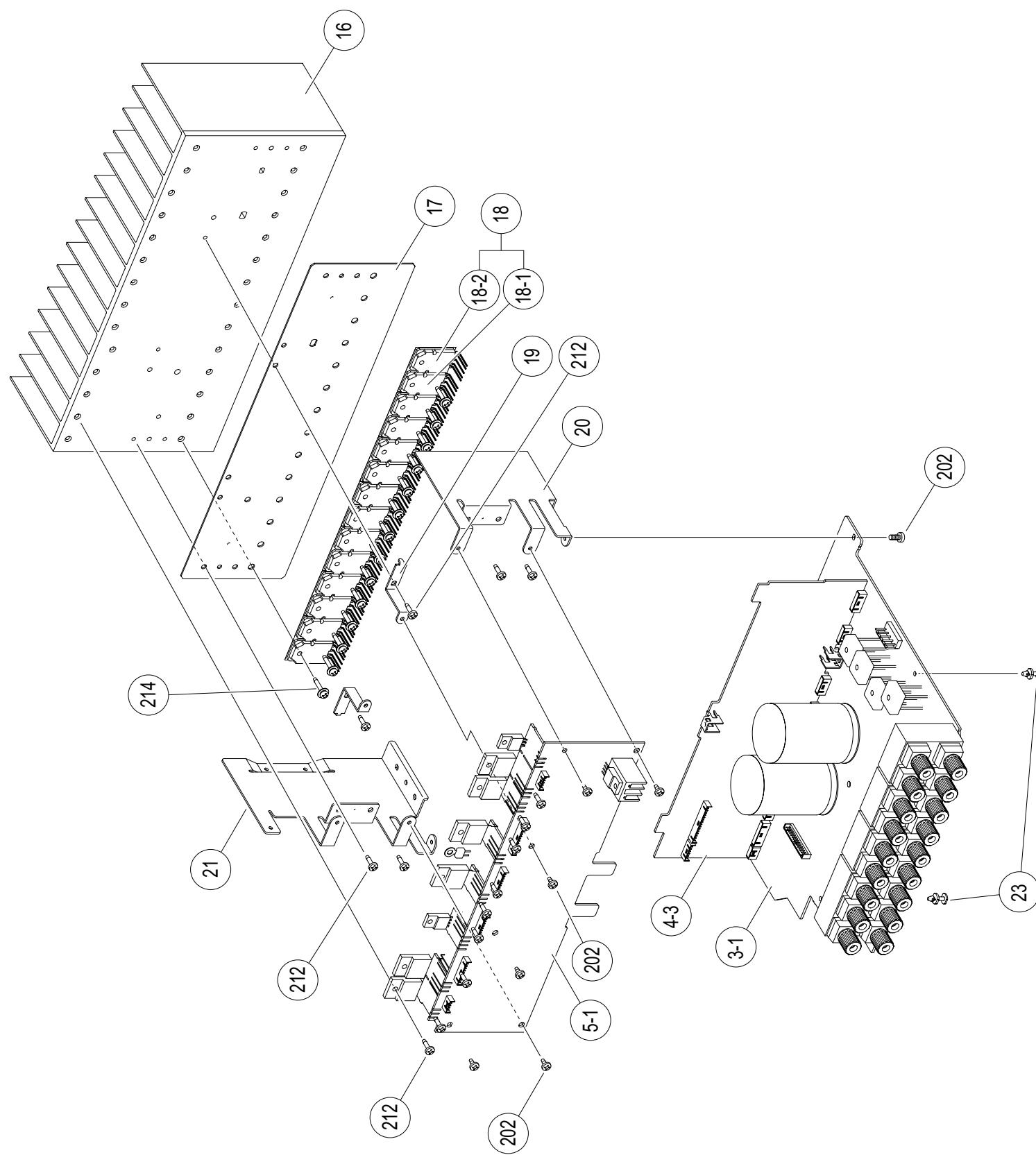
印の部分は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。



## **EXPLODED VIEWS (3/3)**

### **(RADIATOR UNIT)**

## (BACK PANEL UNIT)



## 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  
E2A : Asia model

EC : Canada model  
E1C : China model

SRE2 : Europe model(Silver)  
EUT : Taiwan R.O.C. model

BKE2 : Europe model(Black)  
JP : Japan model

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
1	00D 1U- 3799 E	DIGITAL UNIT ASSY	1U-3799E : EU,EC	1	*
1	00D 1U- 3799 F	DIGITAL UNIT ASSY	1U-3799F : BKE2,SRE2,E2A,E1C	1	*
1	00D 1U- 3799 G	DIGITAL UNIT ASSY	1U-3799G : EUT	1	*
1	00D 1U- 3799 J	DIGITAL UNIT ASSY	1U-3799J : JP	1	*
2	nsp	A.VIDEO UNIT ASSY	1U-3800E : EU,EC,BKE2,SRE2,E2A,EUT,E1C	1	*
2	nsp	A.VIDEO UNIT ASSY	1U-3800J : JP	1	*
2-1		A.VIDEO UNIT		1	
2-2		VIDEO CONNECT UNIT		1	
2-3		FRONT IN UNIT		1	
2-4		MIC UNIT		1	
2-5		USB UNIT		1	
2-6		DIGITAL IN UNIT		1	
2-7		232C UNIT		1	
2-8		BKT1 UNIT		1	
2-9		BKT2 UNIT		1	
3	nsp	P.AMP UNIT ASSY	1U-3806 : EU,EC,EUT,E1C	1	*
3	nsp	P.AMP UNIT ASSY	1U-3806A : BKE2,SRE2,E2A	1	*
3	nsp	P.AMP UNIT ASSY	1U-3806D : JP	1	*
3-1		P.AMP UNIT		1	
3-2		IPOD UNIT		1	
3-3		AUDIO CONNECT UNIT		1	
3-4		LR CONNECT UNIT		1	
4	nsp	P.SUPPLY UNIT ASSY	1U-3802E : EU,EC	1	*
4	nsp	P.SUPPLY UNIT ASSY	1U-3802F : BKE2,SRE2,E2A	1	*
4	nsp	P.SUPPLY UNIT ASSY	1U-3802G : EUT	1	*
4	nsp	P.SUPPLY UNIT ASSY	1U-3802H : E1C	1	*
4	nsp	P.SUPPLY UNIT ASSY	1U-3802J : JP	1	*
4-1		PRIMARY UNIT		1	
4-2		P.SUPPLY-1 UNIT		1	
4-3		VOL_AMP UNIT		1	
4-4		SIDE CONNECT UNIT		1	
4-5		PRIMARY UNIT	BKE2,SRE2,E2A	1	
4-6		AMP CONNECT UNIT		1	
5	nsp	FRONT UNIT ASSY	1U-3845 : EU,EC,EUT	1	*
5	nsp	FRONT UNIT ASSY	1U-3845A : BKE2,SRE2,E2A	1	*
5	nsp	FRONT UNIT ASSY	1U-3845D : JP	1	*
5	nsp	FRONT UNIT ASSY	1U-3845H : E1C	1	*
5-1		P.SUPPLY-2 UNIT		1	
5-2		FLD UNIT		1	
5-3		FUNC UNIT		1	
5-4		H/P UNIT		1	
5-5		P.SW UNIT		1	

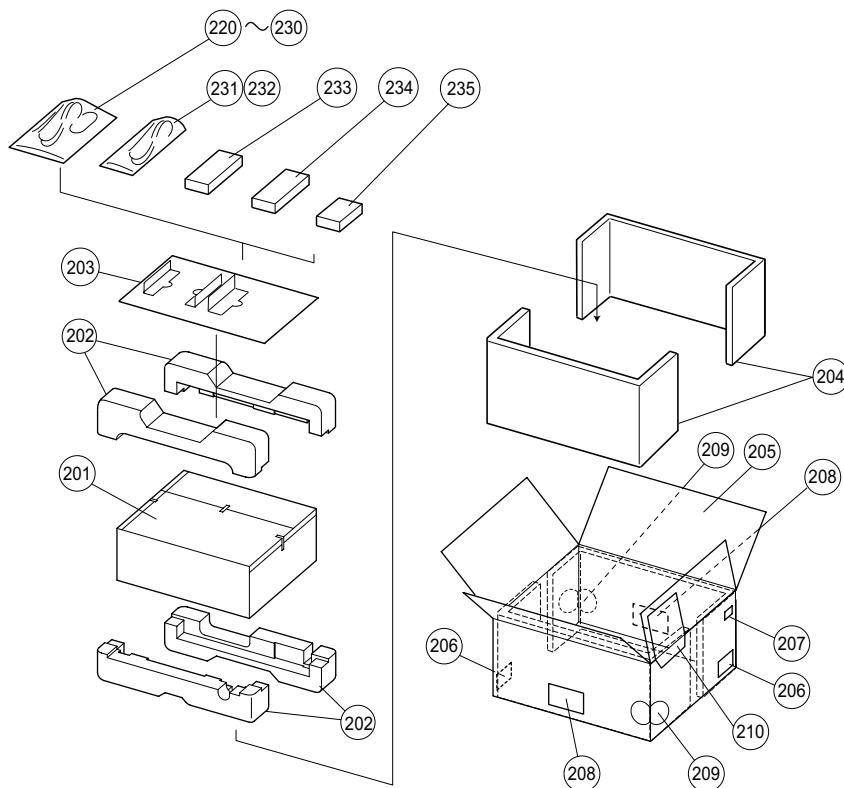
	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	5-6 5-7 5-8		TOP CONNECT UNIT FUNC CONNECT UNIT H/P CONNECT UNIT		1 1 1	
	6 6 6 6 6	nsp	AUDIO/CPU UNIT ASSY AUDIO/CPU UNIT ASSY AUDIO/CPU UNIT ASSY AUDIO/CPU UNIT ASSY AUDIO/CPU UNIT ASSY	1U-3804E : EU,EC 1U-3804F : BKE2,SRE2 1U-3804G : E2A,EUT 1U-3804H : E1C 1U-3804J : JP	1 1 1 1 1	* * * * *
	6-1 6-2		AUDIO UNIT MAIN CPU UNIT		1 1	
	7 7	nsp	DIGITAL POWER UNIT ASSY DIGITAL POWER UNIT ASSY	1U-3817E : EU,EC,EUT 1U-3817F : BKE2,SRE2,E2A,E1C	1 1	* *
	7	nsp	DIGITAL POWER UNIT ASSY	1U-3817J : JP	1	*
	11 12	nsp	MAIN CHASSIS CENTER CHASSIS		1 1	
	13 14 15 16 17	nsp	BOTTOM PLATE FOOT RUBBER PAD RADIATOR CU PLATE		1 4 4 1 1	
	18 18-1 18-2 19 20	00D 278 0017 007	MN15N/MP15P MN15N MP15P PWB BRACKET RADIATOR BRACKET (L)	TR201,203,205,207,209,211,213 TR202,204,206,208,210,212,214	7	
	21 23 24 25 26	nsp	RADIATOR BRACKET (R) CARD SPACER (L=8) CARD SPACER(L=10) P.W.B.HOLDER (H=8) BACK PANEL	MPS-08-0 MPS-10-0 KGLS-8RT:Fix CPU POWER UNIT EU,EC	1 2 2 2 1	
	26 26 26 26 27	00D 105 1692 013 00D 105 1692 039 00D 105 1692 042 00D 105 1692 026 nsp	BACK PANEL BACK PANEL BACK PANEL BACK PANEL HOLDER (A)	BKE2,SRE2,E2A E1C EUT JP KGLS-10S:Fix LR CONNECT UNIT	1 1 1 1 1	* * * * *
⚠	28 28 31 32 33	00D 216 0124 002 00D 216 0125 001 nsp 00D 205 1116 006 00D 203 3996 008	AM FM TUNER(E3) AM FM TUNER(E2) RUBBER FOAM TERMINAL ASS AC INLET (2P)	EU,EC BKE2,SRE2,E2A,EUT	1 1 2 1 1	
	★ 34 35 36 37 ★ 38	nsp	2P VA CORD P.W.B.HOLDER (H=6) P.W.B.HOLDER (H=10) CARD SPACER (H=10) WIRE CLAMPER	AC INLET to CX201 KGLS-6RT:Fix SIDE CONNECT UNIT KGLS-10RT:Fix MAIN CPU UNIT KGPS-10RF:Fix MAIN CPU UNIT	1 1 1 1 16	
⚠ ⚠ ⚠ ⚠	44 44 44 44 47	00D 233 0737 009 00D 233 6617 000 00D 233 6618 009 00D 233 0727 006 nsp	MAIN TRANS(38CIE3) MAIN TRANS(38E2) MAIN TRANS(38E1C) MAIN TRANS(38CIJP) LABEL (TRANS)	EU,EC,EUT BKE2,SRE2,E2A E1C JP	1 1 1 1 1	* * * * *
	48 49	nsp 00D GEN 8568	RUBBER SHEET TOP COVER SUB ASSY	EU,EC,BKE2 : 102 0704 000	1 1	

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
49	00D GEN 8568 -1	TOP COVER SUB ASSY	SRE2,E2A,EUT,E1C,JP : 102 0704 013	1	
★ 50	nsp	LICENSE SUB ASSY		1	
★ 51	nsp	SERIAL NO. SHEET		1	
52	nsp	SCREW COVER		1	
53	nsp	PUSH RIVET	NRP-345	1	
★ 54	nsp	FUSE CAUTION LABEL		1	
56	nsp	SIDE BRACKET	BKE2,SRE2,E2A,EUT,E1C	1	
57	nsp	SP RIVET	BKE2,SRE2,E2A,EUT,E1C	18	
★ 58	nsp	MAC ADDRESS SUB ASSY		1	
60	00D 146 2509 106	INNER PANEL	EU,EC,BKE2	1	*
60	00D 146 2509 119	INNER PANEL	SRE2	1	*
60	00D 146 2509 122	INNER PANEL	E2A,EUT,E1C,JP	1	*
61	00D 143 1293 100	DOOR SHEET	EU,EC,BKE2	1	*
61	00D 143 1293 113	DOOR SHEET	SRE2	1	*
61	00D 143 1293 126	DOOR SHEET	E2A,EUT,E1C,JP	1	*
62	nsp	RUBBER SHEET	DOOR CLOSE	2	
63	nsp	RUBBER SHEET	DOOR OPEN	2	
64	00D 143 1294 002	WINDOW		1	*
65	00D 113 1996 202	CURSOR KNOB	EU,EC,BKE2	1	
65	00D 113 1996 215	CURSOR KNOB	SRE2	1	
65	00D 113 1996 231	CURSOR KNOB	E2A,EUT,E1C,JP	1	
66	00D 113 1995 041	ENTER KNOB	EU,EC,BKE2	1	
66	00D 113 1995 012	ENTER KNOB	SRE2	1	
66	00D 113 1995 038	ENTER KNOB	E2A,EUT,E1C,JP	1	
67	nsp	LENS (POWER)		1	
68	00D 113 1992 109	P.KNOB ASSY(SUB)	EU,EC,BKE2	1	
68	00D 113 1992 112	P.KNOB ASSY(SUB)	SRE2	1	
68	00D 113 1992 138	P.KNOB ASSY(SUB)	E2A,EUT,E1C,JP	1	
69	00D 113 1994 107	P.KNOB ASSY(MAIN)	EU,EC,BKE2	1	
69	00D 113 1994 110	P.KNOB ASSY(MAIN)	SRE2	1	
69	00D 113 1994 136	P.KNOB ASS'Y(MAIN)	E2A,EUT,E1C,JP	1	
70	nsp	USB BRACKET		1	
71	00D 421 0763 010	GEAR DAMPER	058E-L	1	
72	nsp	DOOR STOPPER		1	
73	nsp	BKT2 UNIT	(Cut A.VIDEO UNIT P.W.B.)	1	
74	nsp	BKT1 UNIT	(Cut A.VIDEO UNIT P.W.B.)	1	
75	nsp	D/S PLATE	(Cut INNER PANEL)	1	
76	nsp	FRONT CHASSIS		1	*
77	00D 144 3027 005	FRONT PANEL	EU,EC	1	*
77	00D 144 3027 034	FRONT PANEL	BKE2	1	*
77	00D 144 3027 018	FRONT PANEL	SRE2	1	*
77	00D 144 3027 050	FRONT PANEL	E1C	1	*
77	00D 144 3027 021	FRONT PANEL	E2A,EUT	1	*
77	00D 144 3027 047	FRONT PANEL	JP	1	*
78	nsp	FRONT BRACKET		1	*
79	nsp	DENON BADGE	EU,EC,BKE2	1	
79	nsp	DENON BADGE	SRE2	1	
79	nsp	DENON BADGE	E2A,EUT,E1C,JP	1	
80	nsp	LENS		3	
81	00D 144 3029 003	DOOR ASSY	EU,EC	1	*
81	00D 144 3029 032	DOOR ASSY	BKE2	1	*
81	00D 144 3029 016	DOOR ASSY	SRE2	1	*
81	00D 144 3029 058	DOOR ASSY	E1C,EUT	1	*
81	00D 144 3029 029	DOOR ASSY	E2A	1	*
81	00D 144 3029 045	DOOR ASSY	JP	1	*
82	00D 401 0195 202	HINGE (L)	EU,EC,BKE2	1	

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	82 82	00D 401 0195 215 00D 401 0195 231	HINGE (L) HINGE (L)	SRE2 E2A,EUT,E1C,JP	1 1
	83 83 83 ★ 84 85	00D 401 0196 201 00D 401 0196 214 00D 401 0196 230 nsp 00D 233 6578 000	HINGE (R) HINGE (R) HINGE (R) P4S LABEL(POP) SUB TRANS(43CIE3)	EU,EC,BKE2 SRE2 E2A,EUT,E1C,JP STICK ON THE DOOR EU,EC,EUT	1 1 1 1 1
⚠️	85 85 85 86 86	00D 233 6580 001 00D 233 6582 009 00D 233 0728 005 00D 114 0203 009 00D 114 0203 012	SUB TRANS(43CIE2) SUB TRANS(43CIE1C) SUB TRANS(38CIJP) KNOB RING(F) KNOB RING(F)	BKE2,SRE2,E2A E1C JP EU,EC,BKE2 SRE2	1 1 1 1 1
	86 87 87 87 88	00D 114 0203 025 00D 114 0204 008 00D 114 0204 011 00D 114 0204 024 00D 112 1002 009	KNOB RING(F) KNOB RING(M) KNOB RING(M) KNOB RING(M) KNOB(M) ASSY	E2A,EUT,E1C,JP EU,EC,BKE2 SRE2 E2A,EUT,E1C,JP EU,EC,BKE2	1 1 1 1 1
	88 88 89 89 89	00D 112 1002 012 00D 112 1002 025 00D 112 1001 000 00D 112 1001 013 00D 112 1001 026	KNOB(M) ASSY KNOB(M) ASSY KNOB(F) ASSY KNOB(F) ASSY KNOB(F) ASSY	SRE2 E2A,EUT,E1C,JP EU,EC,BKE2 SRE2 E2A,EUT,E1C,JP	1 1 1 1 1
	90 91 92 ★ 93 ★ 94	nsp nsp 00D 102 0706 008 nsp nsp	TRANS BRACKET BRACKET TOP PLATE RUBBER FOAM RUBBER FOAM	JP	1 1 1 1 1
	★ 95 ★ 96 ★ 97 ★ 98	nsp nsp nsp nsp	RUBBER FOAM CCC LABEL CROHS LABEL RATING LABEL(T)	E1C E1C E1C EUT	1 1 1 1
	101 ★ 102 ★ 103 ★ 104 ★ 105	nsp nsp nsp nsp nsp	FERRITE CLAMP ALUMINUM TAPE ALUMINUM TAPE EMIGASKET RFSG060100 EMIGASKET RFSG030100	80MMX2, 55MMX1, 45MMX1,400MMX1 10mmX4 10mmX4	1
	★ 106	nsp	EMIGASKET RFSG010100		
<b>SCREWS</b>					
	201 202	00D 477 0064 107 nsp	FIXING SCREW 3X6 CBTS(S)-Z	40 22	
	203 205 206 207 208	nsp nsp nsp nsp nsp	3X8 CBTS (S)-Z 3X8 CFTS (S)-B 4X6 CBTS (S)-Z 3X6 CBTS(S)-B 3X8 CBTS (S)-B	11 2 4 41 10	
	209 210 212 213 213	nsp nsp nsp 0RD 473 8064 000 0RD 473 8064 013	3X8 CBTS (P)-Z 3X8 CFTS (P)-Z 3X10 CBTS(B)-Z 4X8 CBTS(B)-B-3P 4X8 CBTS(B)-N-3P	EU,EC,BKE2 SRE2,E2A,E1C,EUT,JP	38 2 15 8 8
	214 215	nsp nsp	3X16 CPTS(B) SW W 4X8 TP SCREW		14 4

	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
<b>WIRES</b>						
	501	00D 009 0296 002	15P FFC(1.25)	MAIN CPU-CX150 to TUNER PACK	1	
	502	00D 009 0295 032	25P FFC(1.0)	MAIN CPU-CX251 to FLD-CY251	1	
	503	00D 009 0295 016	27P FFC(1.0)	MAIN CPU-CX271 to FRONT IN-CY271	1	
	504	00D 009 0295 029	17P FFC(1.0)	DIGITAL IN-CX171 to DIGITAL-CY171	1	
	505	nsp	2P VA-VA CON.CORD	PRIMARY-CX022 to P.SW-CY022	1	
	506	nsp	12P ZH-ZH CON.CORD	SIDE CONNECT-CX124 to DIGITAL-CY124	1	
	507	nsp	13P ZH-ZH CON.CORD	MAIN CPU-CX136 to DIGITAL-CY136	1	
	509	nsp	12P-4P/8P PH-PH CORD	DIGITAL PWR-CX121 to DIGITAL CY821/CY421	1	
	512	nsp	7P ZH-ZH CON.CORD	CX974 to CY974	1	
	513	nsp	5P PH-PH CON.CORD	USB-CX053 to DIGITAL-CY053	1	

## 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

EC : Canada model

SRE2 : Europe model(Silver)

BKE2 : Europe model(Black)

E2A : Asia model

E1C : China model

EUT : Taiwan R.O.C. model

JP : Japan model

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
201	nsp	CABINET SHEET		1	
202	00D 503 1544 006	CUSHION ASSY		1	
203	nsp	PAD		1	
204	nsp	SPACER		2	
205	00D 501 2364 027	CARTON CASE	EU,EC	1	*
205	00D 501 2364 030	CARTON CASE	BKE2,SRE2,E2A,EUT	1	*
205	00D 501 2364 056	CARTON CASE	E1C	1	*
205	00D 501 2364 069	CARTON CASE	JP	1	*
206	nsp	CONT.CARD(L)		1	
207	nsp	BAR CODE LABEL ASSY		1	
208	nsp	P4S LABEL(CARTON)		2	
209	nsp	COLOR LABEL	SRE2	1	
209	nsp	COLOR LABEL	E2A,EUT,E1C	1	
210	nsp	GUARANTEE CARD (S)	JP	1	
★ 211	nsp	CARTON LABEL(C)	E1C	1	
★ 212	nsp	RECYCLE MARK CARTON	E1C	1	
★ 213	nsp	DATE LABEL	E1C	1	
★ 214	nsp	CARTON LABEL(T)	EUT	1	
★ 215	nsp	CARTON LABEL SUB ASS	EUT	1	
★ 216	nsp	CARTON LABEL SUB ASS	EUT	1	

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	220	nsp	ENVELOPE	1	
	221	00D 511 4649 006	INST. MANUAL (EU)	1	*
	221	00D 511 4665 006	INST. MANUAL (E2)	1	*
	221	00D 511 4718 005	INST. MANUAL (E2)-2	1	*
	221	00D 511 4695 005	INST. MANUAL (E2A)	1	*
	221	00D 511 4714 009	INST. MANUAL (EUT)	1	*
	221	00D 511 4713 000	INST. MANUAL (E1C)	1	*
	221	00D 511 4696 004	INST. MANUAL (J)	1	*
	222	00D 511 4650 008	INST. MANUAL (EC)	1	*
	223	00D 395 0029 002	FM ANT ASS Y(F/ETRO)	1	
	224	00D 231 0089 007	AM LOOP ANTENNA	1	
	225	nsp	BATTERY(R03X2)	1	
	226	nsp	BATTERY(LR6KE2PT)	1	
	227	nsp	XM SHEET	1	
	228	nsp	S.S.LIST(EX)	1	
⚠	229	nsp	SERVICE STATION LIST	1	
⚠	230	nsp	WARRANTY (HOME)	1	
⚠	231	nsp	POLY COVER	1	
⚠	232	00D 206 2220 004	AC CORD SET (E3)	1	
⚠	232	00D 206 2215 006	AC CORD-E1/10A/INLET	1	
⚠	232	00D 206 2227 007	AC CORD SET(EUT)	1	
⚠	232	00D 206 2249 001	AC CORD (E1C)	1	
⚠	232	00D 206 2141 002	AC CORD W/CON&PLUG	1	
⚠	233	00D 399 1095 008	RC-1068	1	*
⚠	234	00D 399 1097 006	RC-1070	1	*
	235	00D 321 0040 006	DM-A405EM	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 millamps, 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:

ALL RESISTANCE VALUES IN OHM.  $k=1,000$  OHM

$M=1,000,000$  OHM

ALL CAPACITANCE VALUES IN MICRO FARAD.

P=MICRO-MICRO FARAD

EACH VOLTAGE AND CURRENT ARE MEASURED AT  
NO SIGNAL INPUT CONDITION.

CIRCUIT AND PARTS ARE SUBJECT TO CHANGE  
WITHOUT PRIOR NOTICE.

## 配線図について

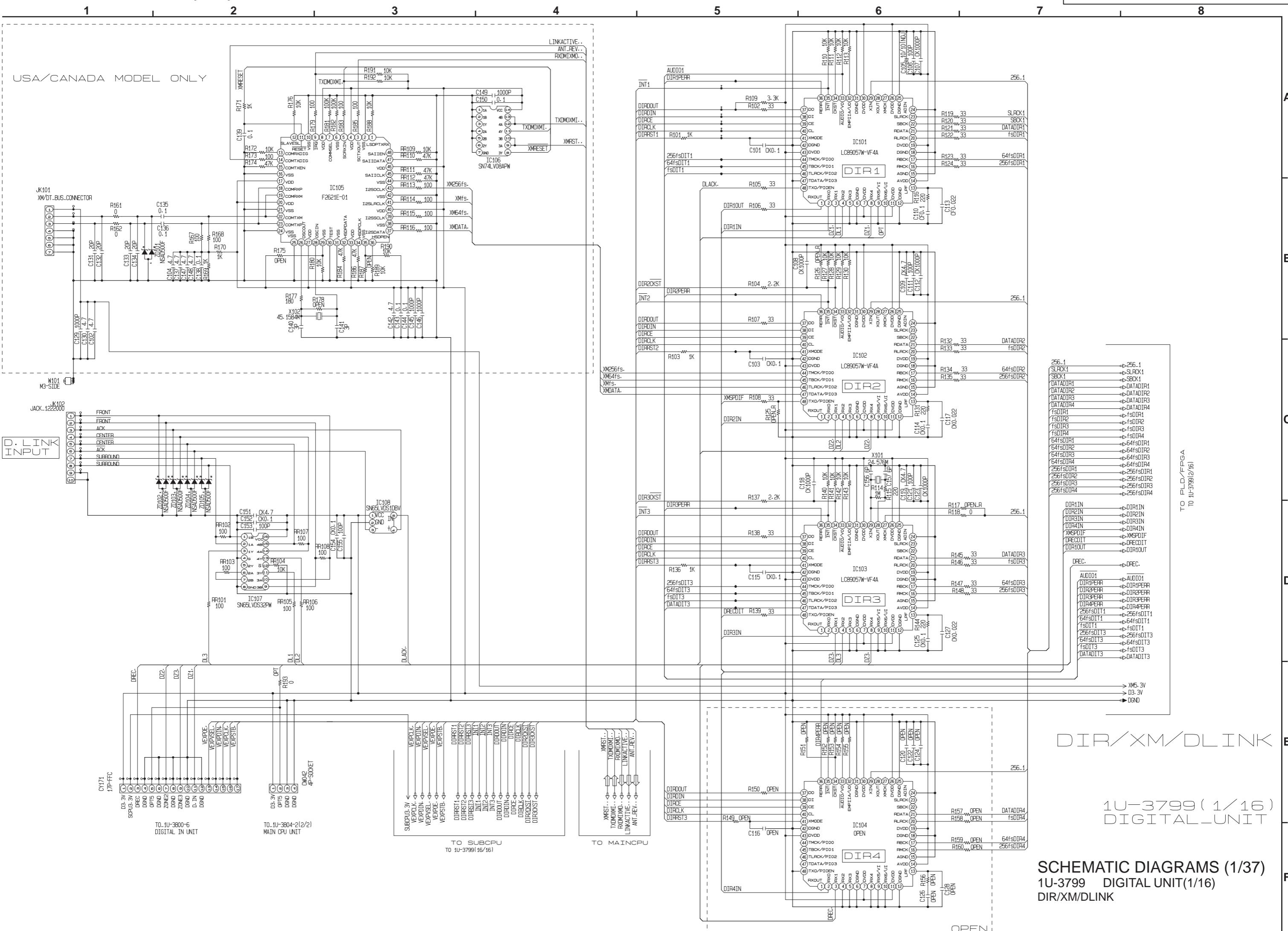
△印の部品は安全を維持するために重要な部品です。  
従って交換時は必ず指定の部品を使用してください。

### 注)

- (1) 指定なき抵抗値は  $\Omega$ 、k は  $k\Omega$ 、M は  $M\Omega$  を示す。
- (2) 指定なきコンデンサーの値は  $\mu F$ 、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。

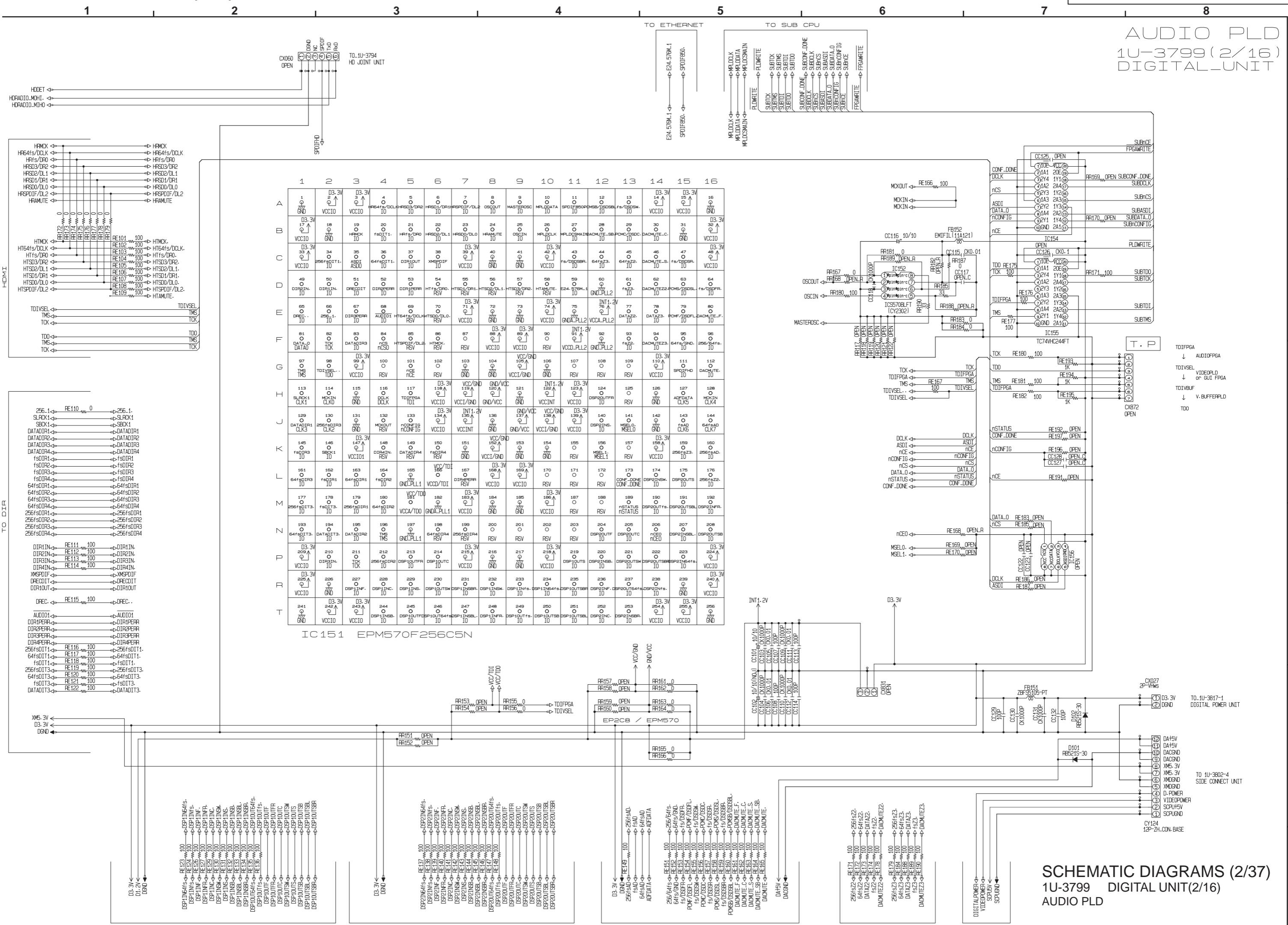
# SCHEMATIC DIAGRAMS (1/37)

AVR-3808CI / AVR-3808 / AVC-3808



# SCHEMATIC DIAGRAMS (2/37)

AVR-3808CI / AVR-3808 / AVC-3808



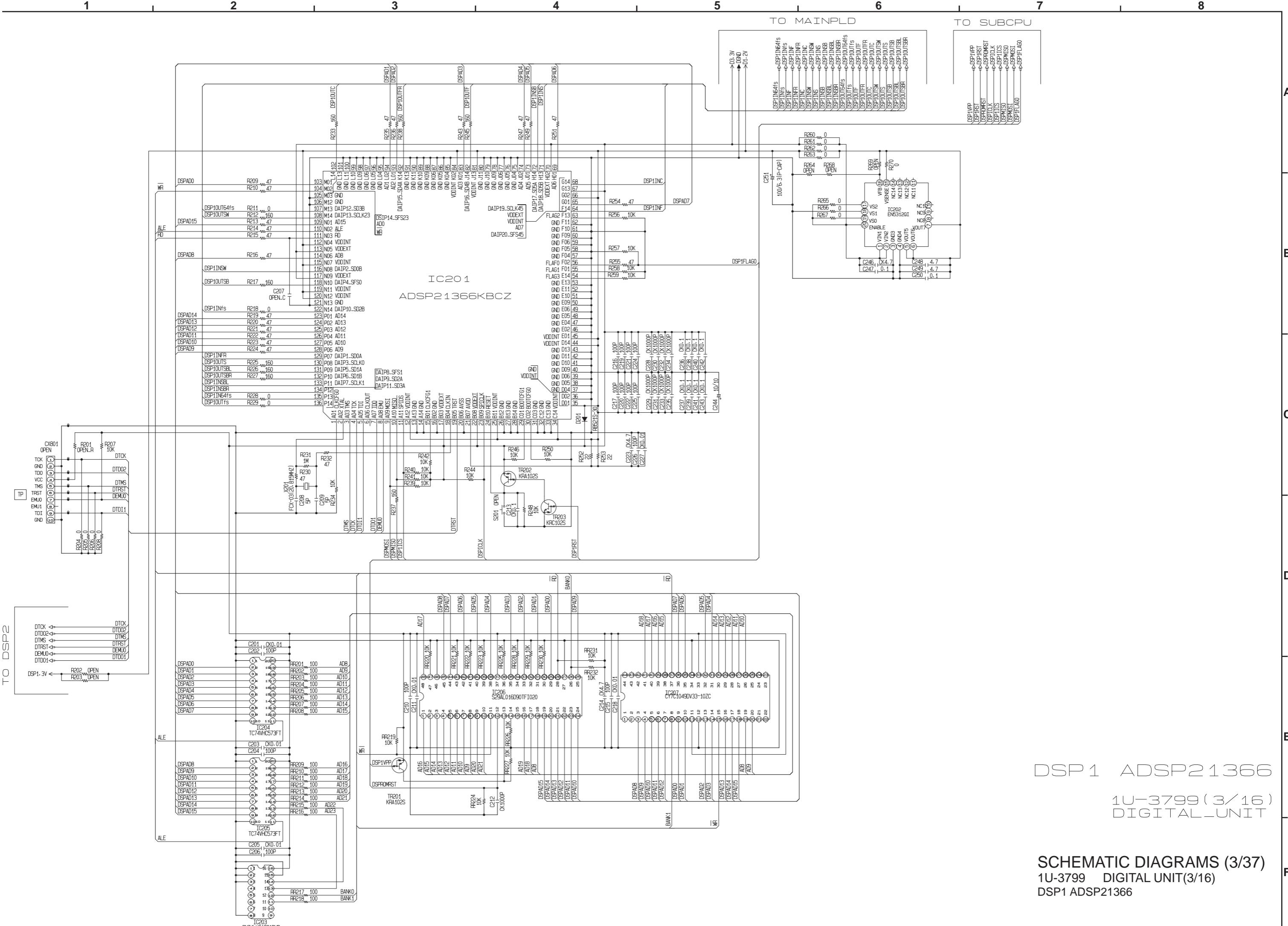
**SCHEMATIC DIAGRAMS (2/37)  
1U-3799 DIGITAL UNIT(2/16)  
AUDIO PLD**

TO 1U-3802-4  
SIDE CONNECT UNIT

DAH5V  
DAE5V  
DAGND  
DAGND  
XMS3V  
XMDND  
D. POWER  
VIDEOPOWER  
SCPH5V  
SCPGND  
CY124  
12P-ZH-CON-BASE

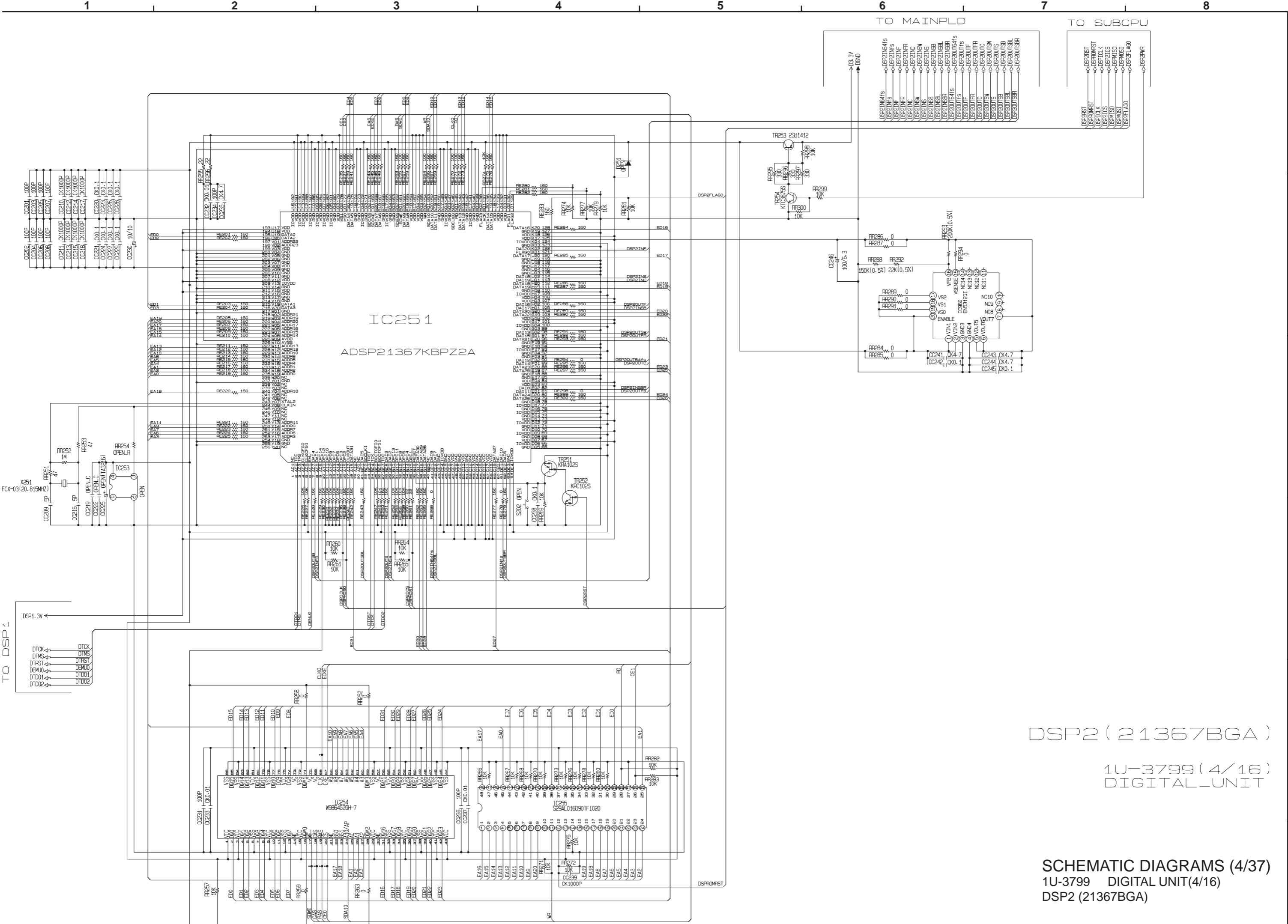
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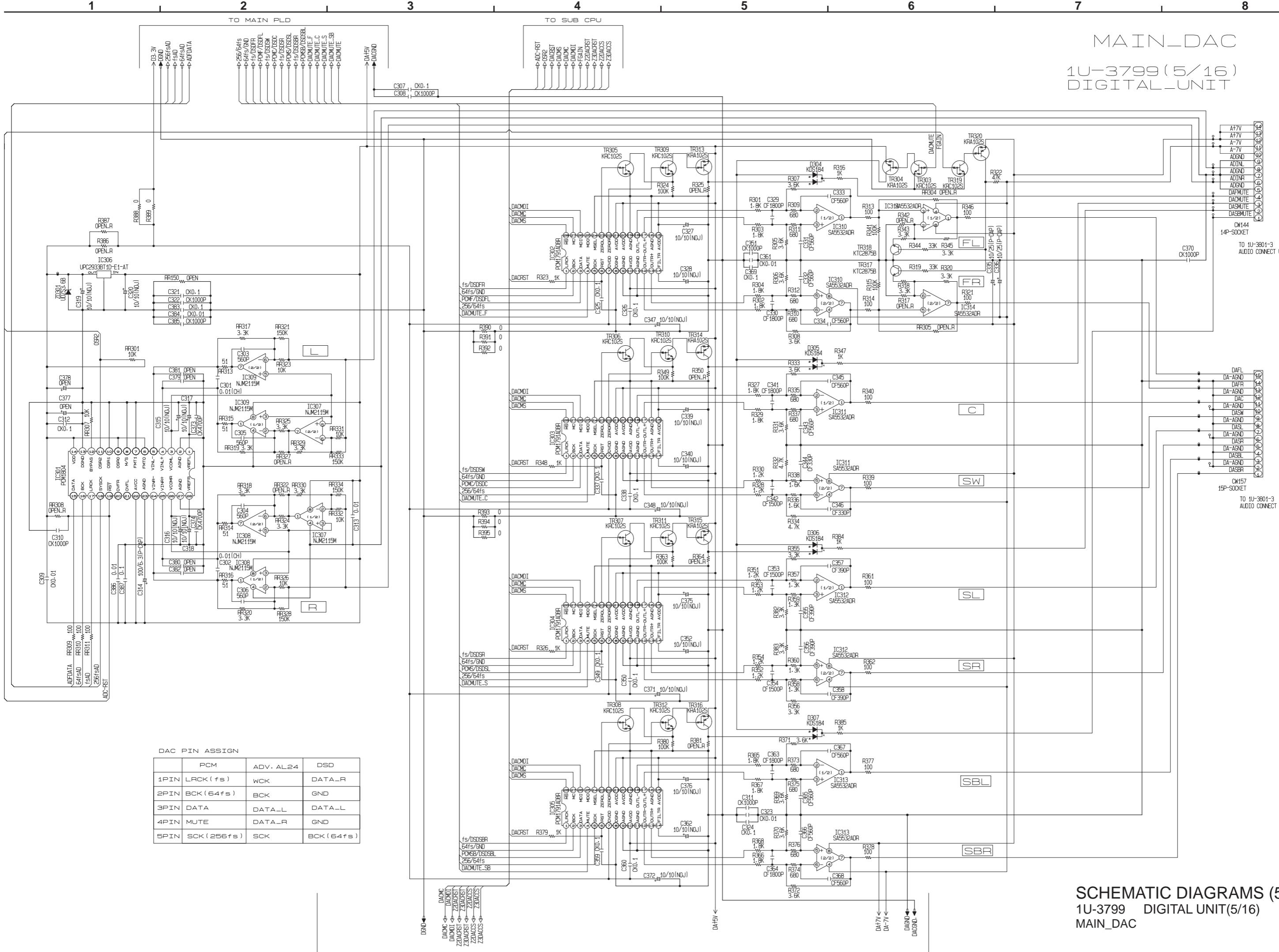
AVR-3808CI / AVR-3808 / AVC-3808

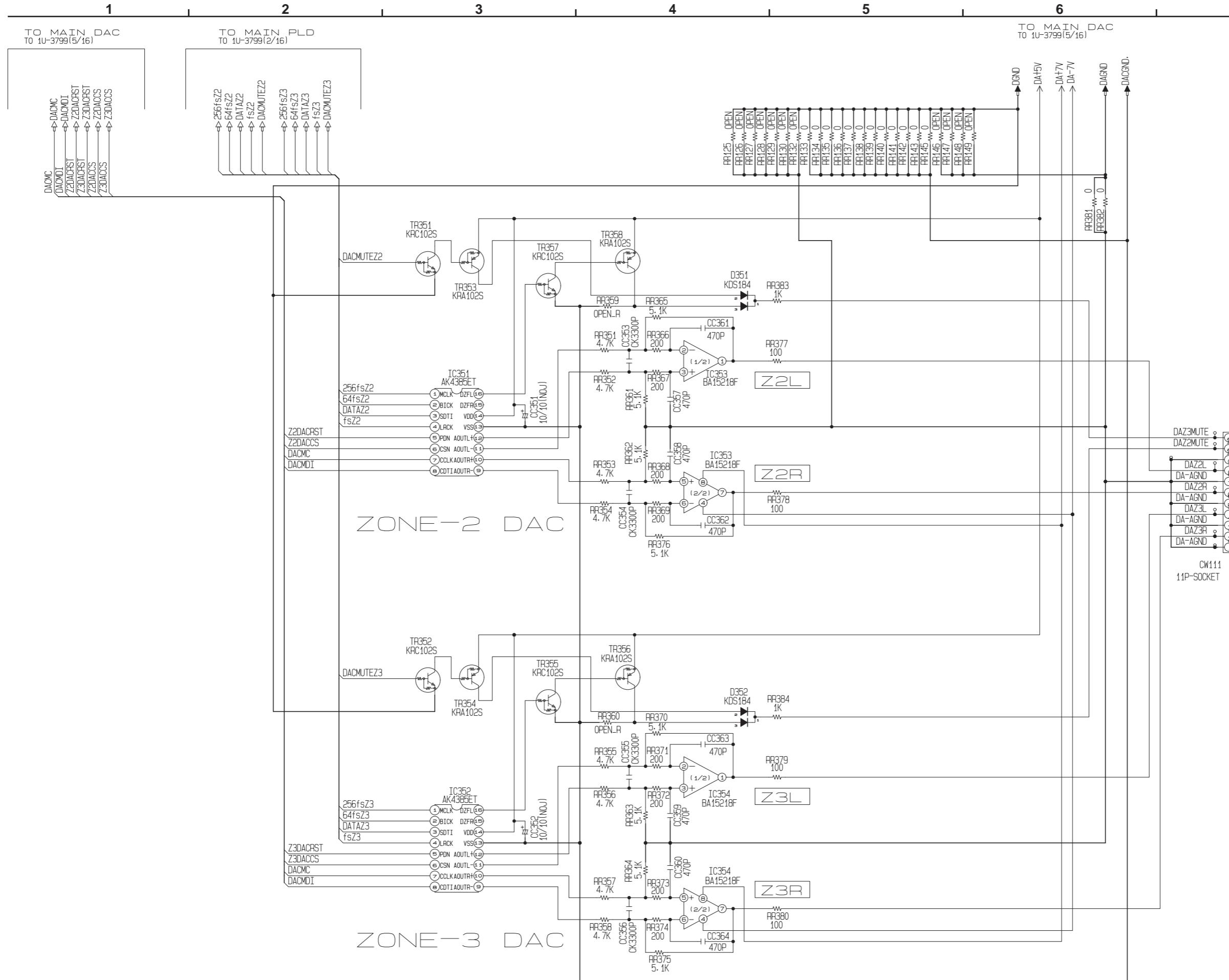


# SCHEMATIC DIAGRAMS (4/37)

AVR-3808CI / AVR-3808 / AVC-3808



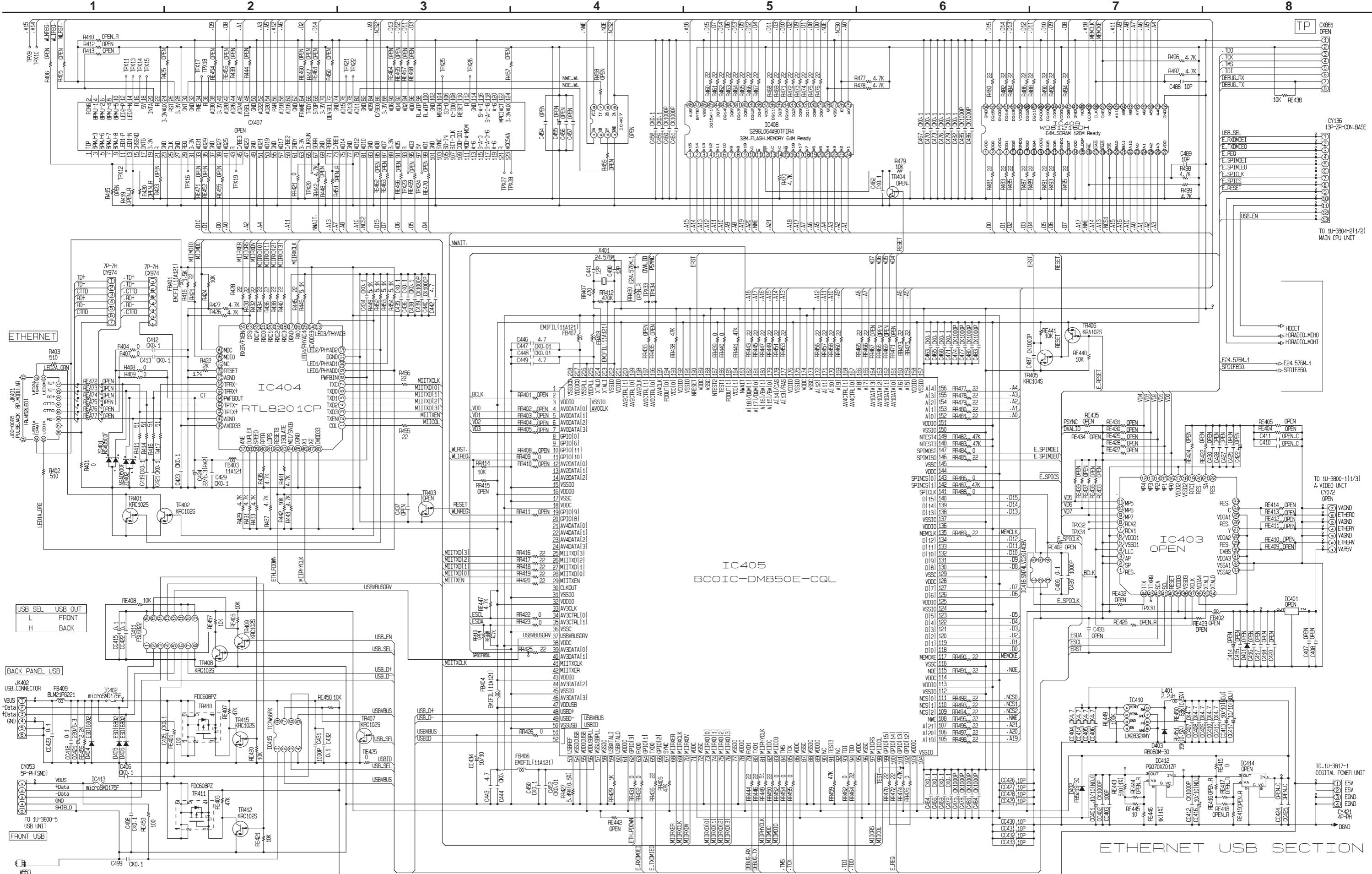




1U-3799 (6/16)  
DIGITAL\_UNIT

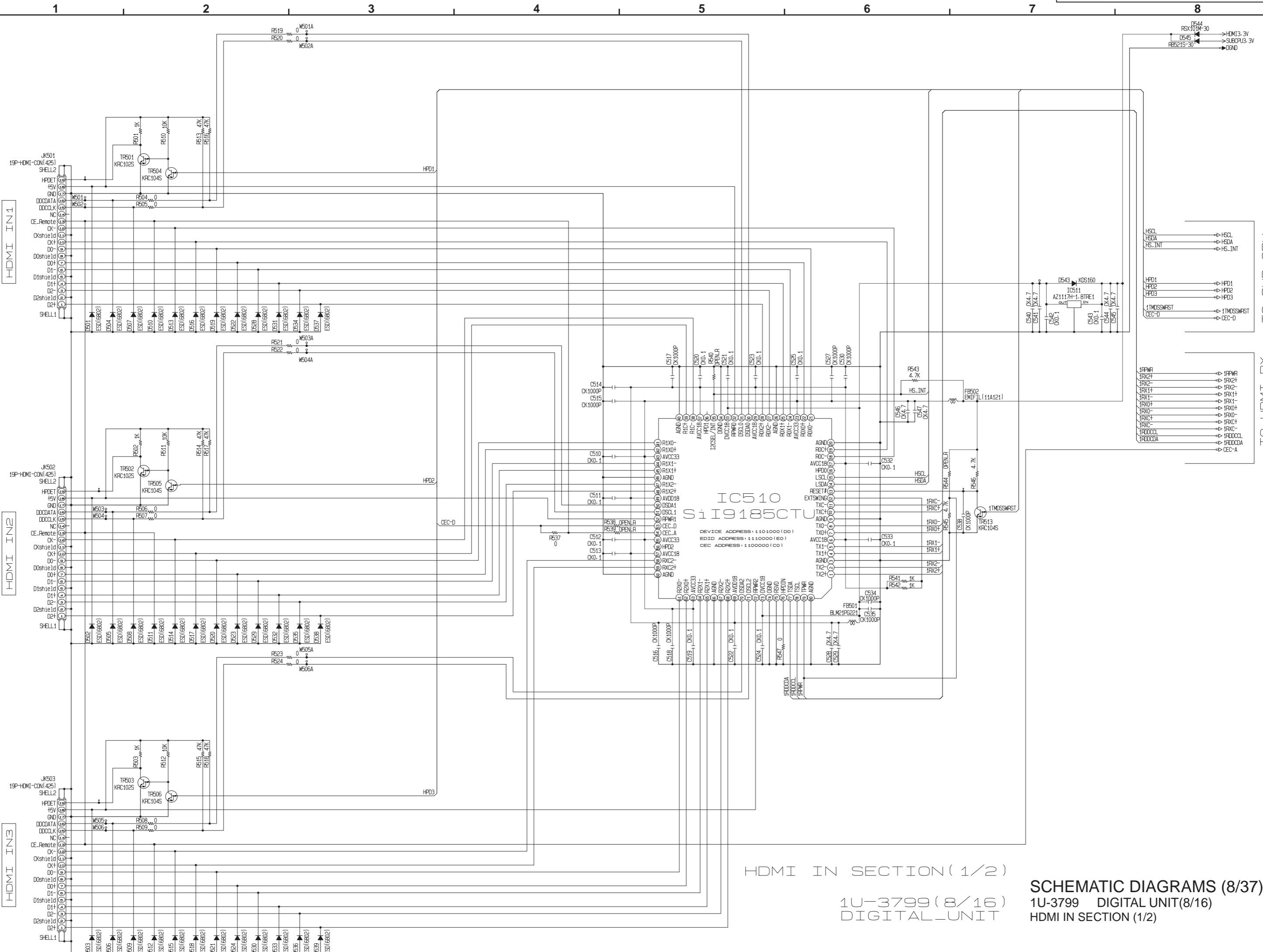
## SCHEMATIC DIAGRAMS (7/37)

AVR-3808CI / AVR-3808 / AVC-3808



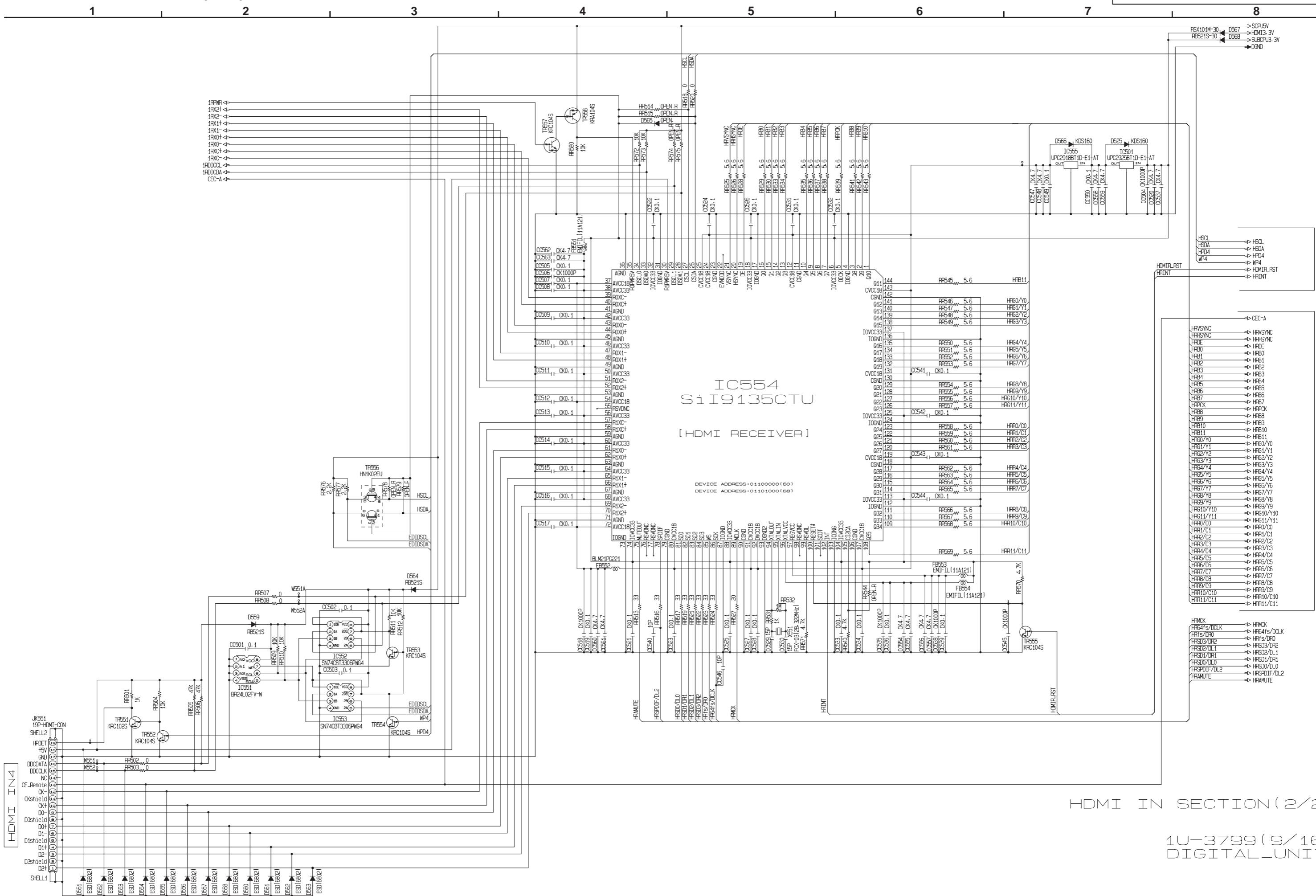
1U-3799 (7/16)  
DIGITAL UNIT

## SCHEMATIC DIAGRAMS (7/37) 1U-3799 DIGITAL UNIT(7/16) ETHERNET USB SECTION



## SCHEMATIC DIAGRAMS (9/37)

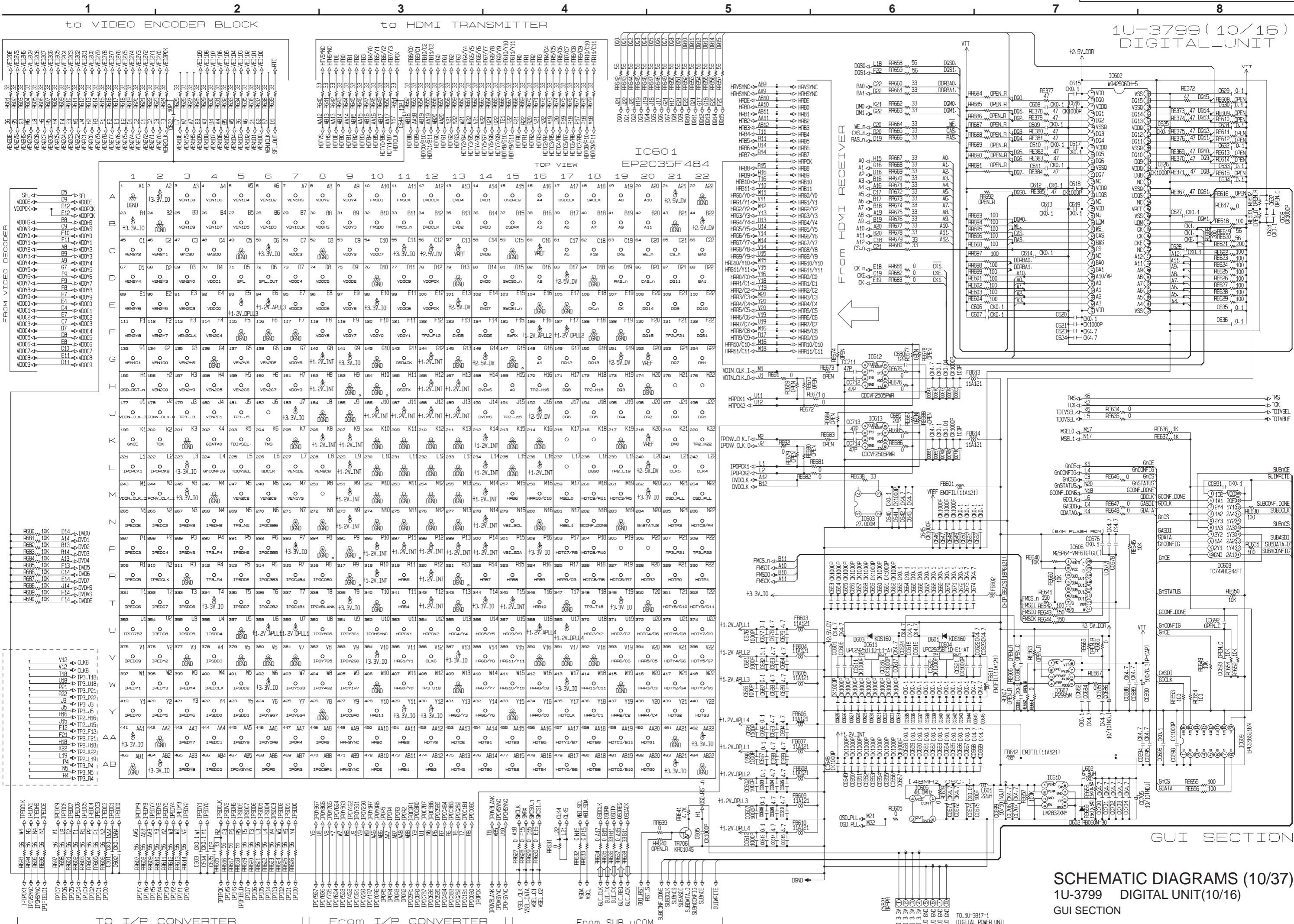
AVR-3808CI / AVR-3808 / AVC-3808



**SCHEMATIC DIAGRAMS (9/37)**  
1U-3799    DIGITAL UNIT(9/16)  
HDMI IN SECTION(2/2)

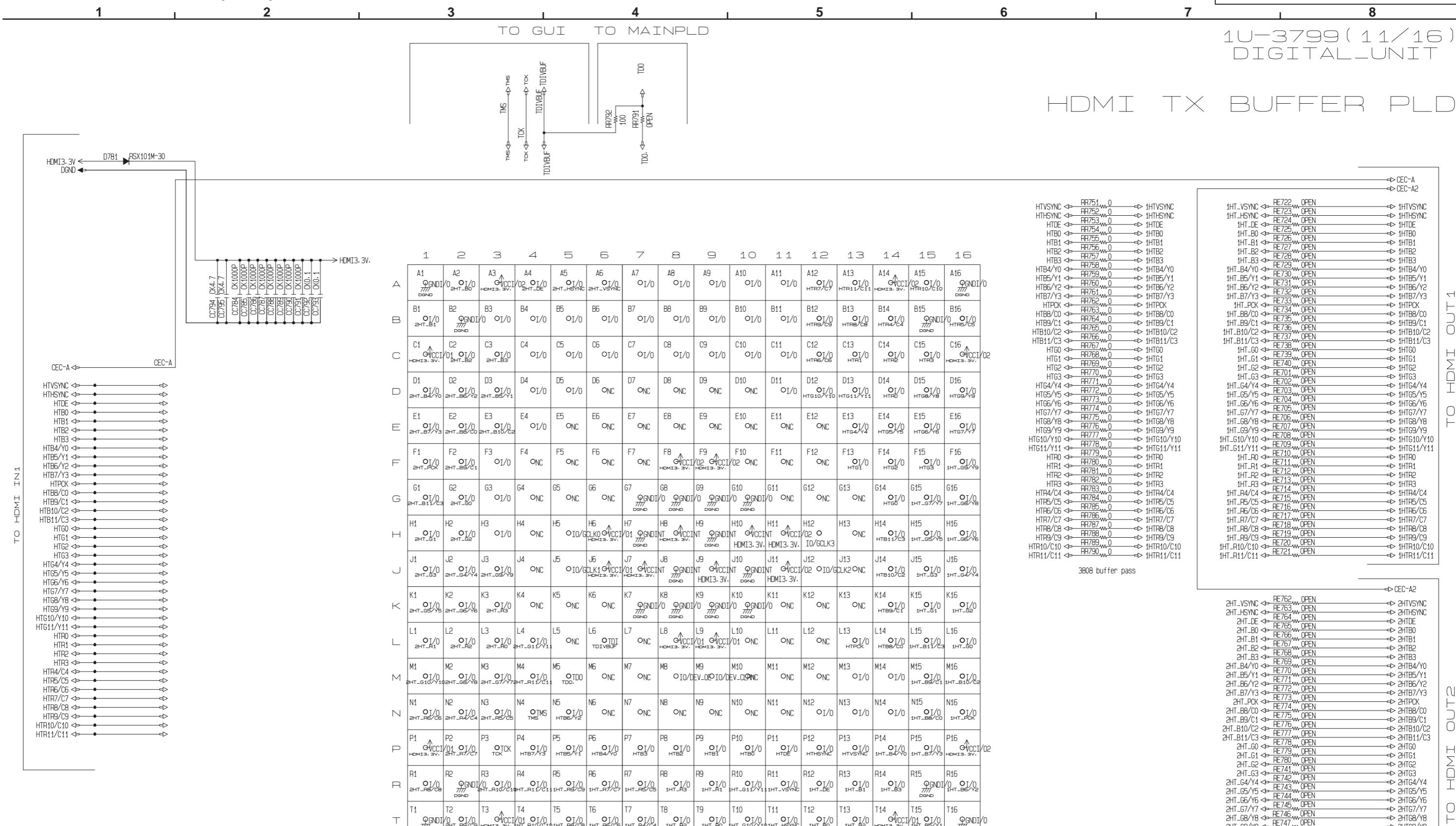
# SCHEMATIC DIAGRAMS (10/37)

AVR-3808CI / AVR-3808 / AVC-3808



# SCHEMATIC DIAGRAMS (11/37)

AVR-3808CI / AVR-3808 / AVC-3808



IC781 OPEN

[ TOP VIEW ]

1U-3799 (11/16)  
DIGITAL\_UNIT

HDMI TX BUFFER PLD

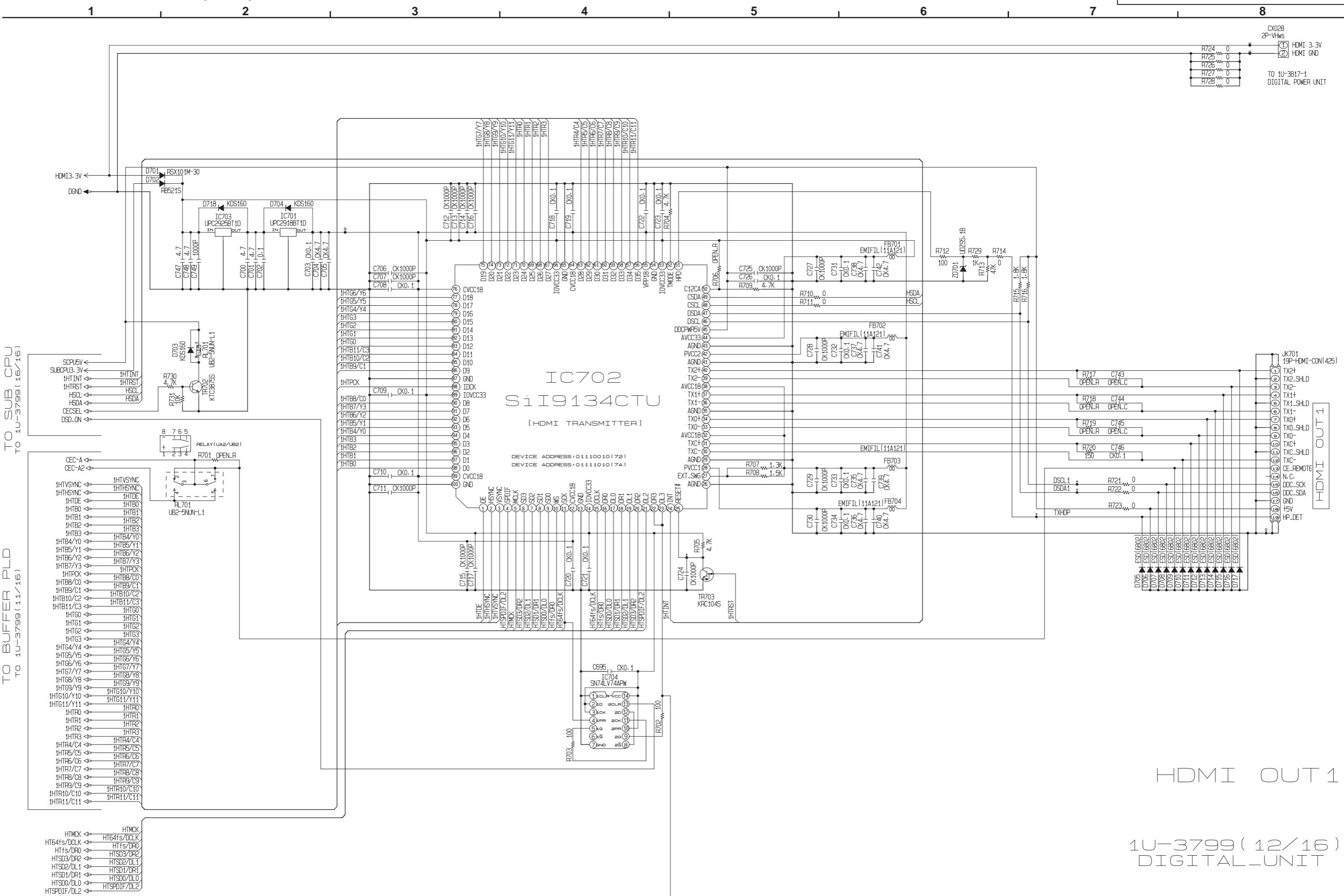
HTVSYNC	RE751_w_0	1HTVSYNC
HTHSYNC	RE752_w_0	1HTHSYNC
HTDE	RE753_w_0	1HTDE
HTB0	RE754_w_0	1HTB0
HTB1	RE755_w_0	1HTB1
HTB2	RE756_w_0	1HTB2
HTB3	RE757_w_0	1HTB3
HTB4/Y0	RE758_w_0	1HTB4/Y0
HTB5/Y1	RE759_w_0	1HTB5/Y1
HTB6/Y2	RE760_w_0	1HTB6/Y2
HTB7/Y3	RE761_w_0	1HTB7/Y3
HTPCK	RE762_w_0	1HTPCK
HTB8/C0	RE763_w_0	1HTB8/C0
HTB9/C1	RE764_w_0	1HTB9/C1
HTB10/C2	RE765_w_0	1HTB10/C2
HTB11/C3	RE766_w_0	1HTB11/C3
HTG0	RE767_w_0	1HTG0
HTG1	RE768_w_0	1HTG1
HTG2	RE769_w_0	1HTG2
HTG3	RE770_w_0	1HTG3
HTG4/Y4	RE771_w_0	1HTG4/Y4
HTG5/Y5	RE772_w_0	1HTG5/Y5
HTG6/Y6	RE773_w_0	1HTG6/Y6
HTG7/Y7	RE774_w_0	1HTG7/Y7
HTG8/Y8	RE775_w_0	1HTG8/Y8
HTG9/Y9	RE776_w_0	1HTG9/Y9
HTG10/Y10	RE777_w_0	1HTG10/Y10
HTG11/Y11	RE778_w_0	1HTG11/Y11
HTP0	RE779_w_0	1HTP0
HTP1	RE780_w_0	1HTP1
HTP2	RE781_w_0	1HTP2
HTP3	RE782_w_0	1HTP3
HTP4/C4	RE783_w_0	1HTP4/C4
HTP5/C5	RE784_w_0	1HTP5/C5
HTP6/C6	RE785_w_0	1HTP6/C6
HTP7/C7	RE786_w_0	1HTP7/C7
HTP8/C8	RE787_w_0	1HTP8/C8
HTP9/C9	RE788_w_0	1HTP9/C9
HTP10/C10	RE789_w_0	1HTP10/C10
HTP11/C11	RE790_w_0	1HTP11/C11

3808 buffer pass

2HT_VSYNC	RE762_w_0	2HTVSYNC
2HT_HSYNC	RE763_w_0	2HTHSYNC
2HT_DE	RE764_w_0	2HTDE
2HT_B0	RE765_w_0	2HTB0
2HT_B1	RE766_w_0	2HTB1
2HT_B2	RE767_w_0	2HTB2
2HT_B3	RE768_w_0	2HTB3
2HT_B4/Y0	RE769_w_0	2HTB4/Y0
2HT_B5/Y1	RE770_w_0	2HTB5/Y1
2HT_B6/Y2	RE771_w_0	2HTB6/Y2
2HT_B7/Y3	RE772_w_0	2HTB7/Y3
2HT_PCK	RE773_w_0	2HTPCK
2HT_B8/C0	RE774_w_0	2HTB8/C0
2HT_B9/C1	RE775_w_0	2HTB9/C1
2HT_B10/C2	RE776_w_0	2HTB10/C2
2HT_B11/C3	RE777_w_0	2HTB11/C3
2HT_G0	RE778_w_0	2HTG0
2HT_G1	RE779_w_0	2HTG1
2HT_G2	RE780_w_0	2HTG2
2HT_G3	RE781_w_0	2HTG3
2HT_G4/Y4	RE782_w_0	2HTG4/Y4
2HT_G5/Y5	RE783_w_0	2HTG5/Y5
2HT_G6/Y6	RE784_w_0	2HTG6/Y6
2HT_G7/Y7	RE785_w_0	2HTG7/Y7
2HT_G8/Y8	RE786_w_0	2HTG8/Y8
2HT_G9/Y9	RE787_w_0	2HTG9/Y9
2HT_G10/Y10	RE788_w_0	2HTG10/Y10
2HT_G11/Y11	RE789_w_0	2HTG11/Y11
2HT_R0	RE790_w_0	2HTR0
2HT_R1	RE791_w_0	2HTR1
2HT_R2	RE792_w_0	2HTR2
2HT_R3	RE793_w_0	2HTR3
2HT_R4/C4	RE794_w_0	2HTR4/C4
2HT_R5/C5	RE795_w_0	2HTR5/C5
2HT_R6/C6	RE796_w_0	2HTR6/C6
2HT_R7/C7	RE797_w_0	2HTR7/C7
2HT_R8/C8	RE798_w_0	2HTR8/C8
2HT_R9/C9	RE799_w_0	2HTR9/C9
2HT_R10/C10	RE800_w_0	2HTR10/C10
2HT_R11/C11	RE801_w_0	2HTR11/C11

2HT_VSYNC	RE762_w_0	2HTVSYNC
2HT_HSYNC	RE763_w_0	2HTHSYNC
2HT_DE	RE764_w_0	2HTDE
2HT_B0	RE765_w_0	2HTB0
2HT_B1	RE766_w_0	2HTB1
2HT_B2	RE767_w_0	2HTB2
2HT_B3	RE768_w_0	2HTB3
2HT_B4/Y0	RE769_w_0	2HTB4/Y0
2HT_B5/Y1	RE770_w_0	2HTB5/Y1
2HT_B6/Y2	RE771_w_0	2HTB6/Y2
2HT_B7/Y3	RE772_w_0	2HTB7/Y3
2HT_PCK	RE773_w_0	2HTPCK
2HT_B8/C0	RE774_w_0	2HTB8/C0
2HT_B9/C1	RE775_w_0	2HTB9/C1
2HT_B10/C2	RE776_w_0	2HTB10/C2
2HT_B11/C3	RE777_w_0	2HTB11/C3
2HT_G0	RE778_w_0	2HTG0
2HT_G1	RE779_w_0	2HTG1
2HT_G2	RE780_w_0	2HTG2
2HT_G3	RE781_w_0	2HTG3
2HT_G4/Y4	RE782_w_0	2HTG4/Y4
2HT_G5/Y5	RE783_w_0	2HTG5/Y5
2HT_G6/Y6	RE784_w_0	2HTG6/Y6
2HT_G7/Y7	RE785_w_0	2HTG7/Y7
2HT_G8/Y8	RE786_w_0	2HTG8/Y8
2HT_G9/Y9	RE787_w_0	2HTG9/Y9
2HT_G10/Y10	RE788_w_0	2HTG10/Y10
2HT_G11/Y11	RE789_w_0	2HTG11/Y11
2HT_R0	RE790_w_0	2HTR0
2HT_R1	RE791_w_0	2HTR1
2HT_R2	RE792_w_0	2HTR2
2HT_R3	RE793_w_0	2HTR3
2HT_R4/C4	RE794_w_0	2HTR4/C4
2HT_R5/C5	RE795_w_0	2HTR5/C5
2HT_R6/C6	RE796_w_0	2HTR6/C6
2HT_R7/C7	RE797_w_0	2HTR7/C7
2HT_R8/C8	RE798_w_0	2HTR8/C8
2HT_R9/C9	RE799_w_0	2HTR9/C9
2HT_R10/C10	RE800_w_0	2HTR10/C10
2HT_R11/C11	RE801_w_0	2HTR11/C11

SCHEMATIC DIAGRAMS (11/37)  
1U-3799 DIGITAL UNIT(11/16)  
HDMI TX BUFFER PLD



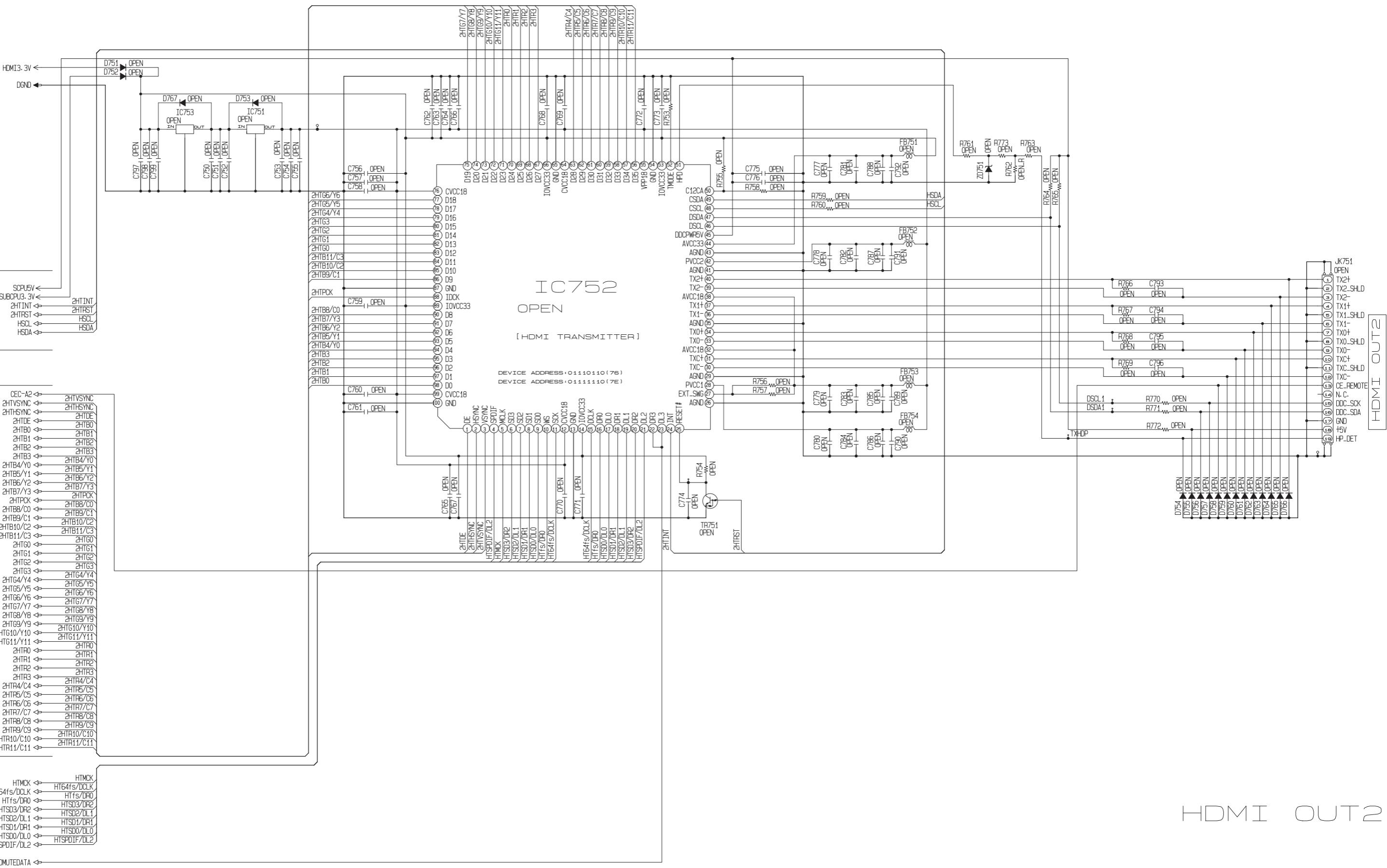
HTMK  
HT64fs/DCLK  
HTf/DRO  
HTS03/DP2  
HTS02/DL1  
HTS01/DR1  
HTS00/DL0  
HTSP0IF/DL2

DSMDUTEDATA



1U-3799 (12/16)  
DIGITAL UNIT

SCHEMATIC DIAGRAMS (12/37)  
1U-3799 DIGITAL UNIT(12/16)  
HDMI OUT 1

TO SUB CPU  
TO 1U-3799 (16/16)TO BUFFER PLD  
TO 1U-3799 (11/16)1U-3799 (13/16)  
DIGITAL\_UNIT

# SCHEMATIC DIAGRAMS (14/37)

AVR-3808CI / AVR-3808 / AVC-3808

1

TO CONVERT

2

3

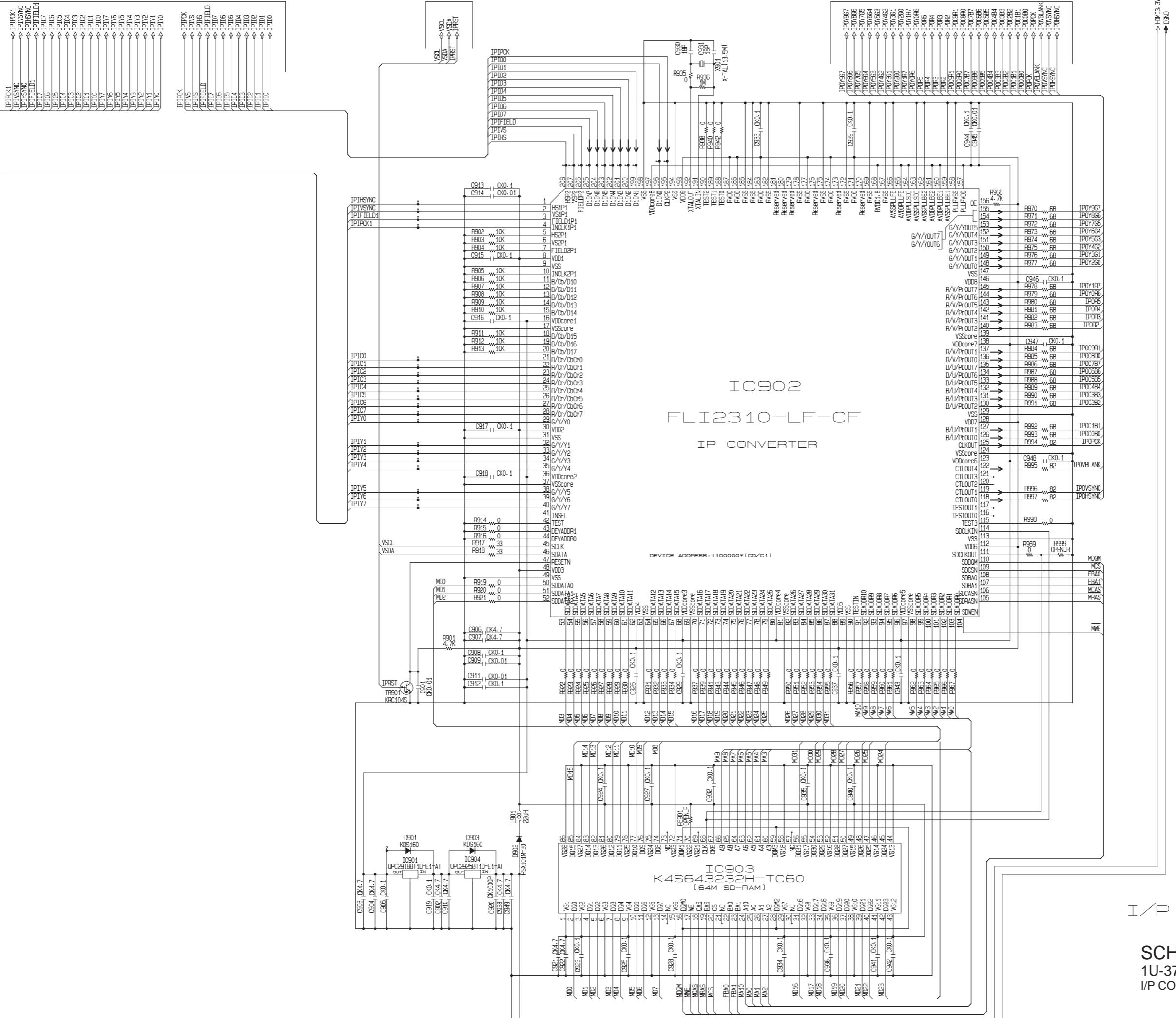
4

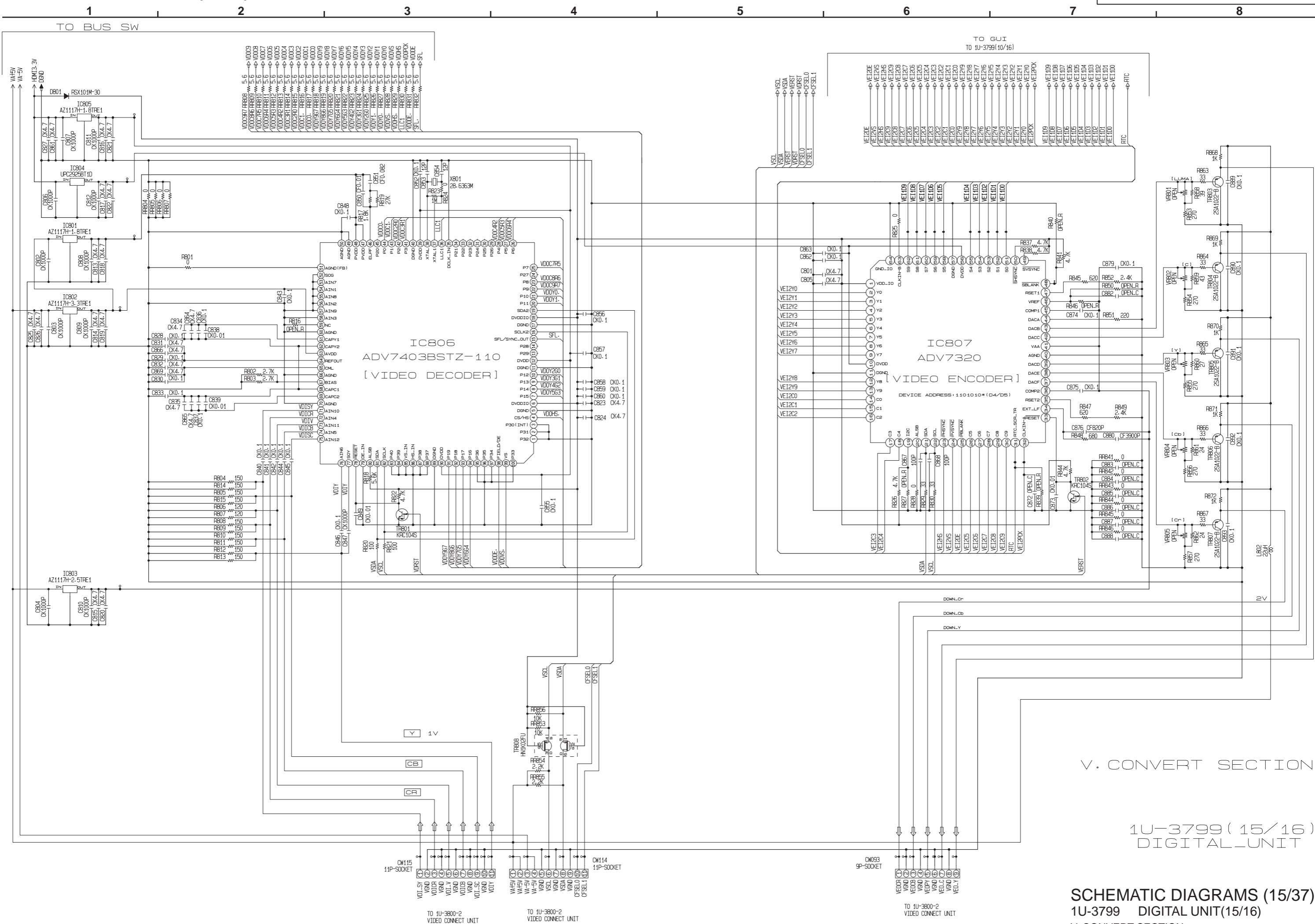
5

6

7

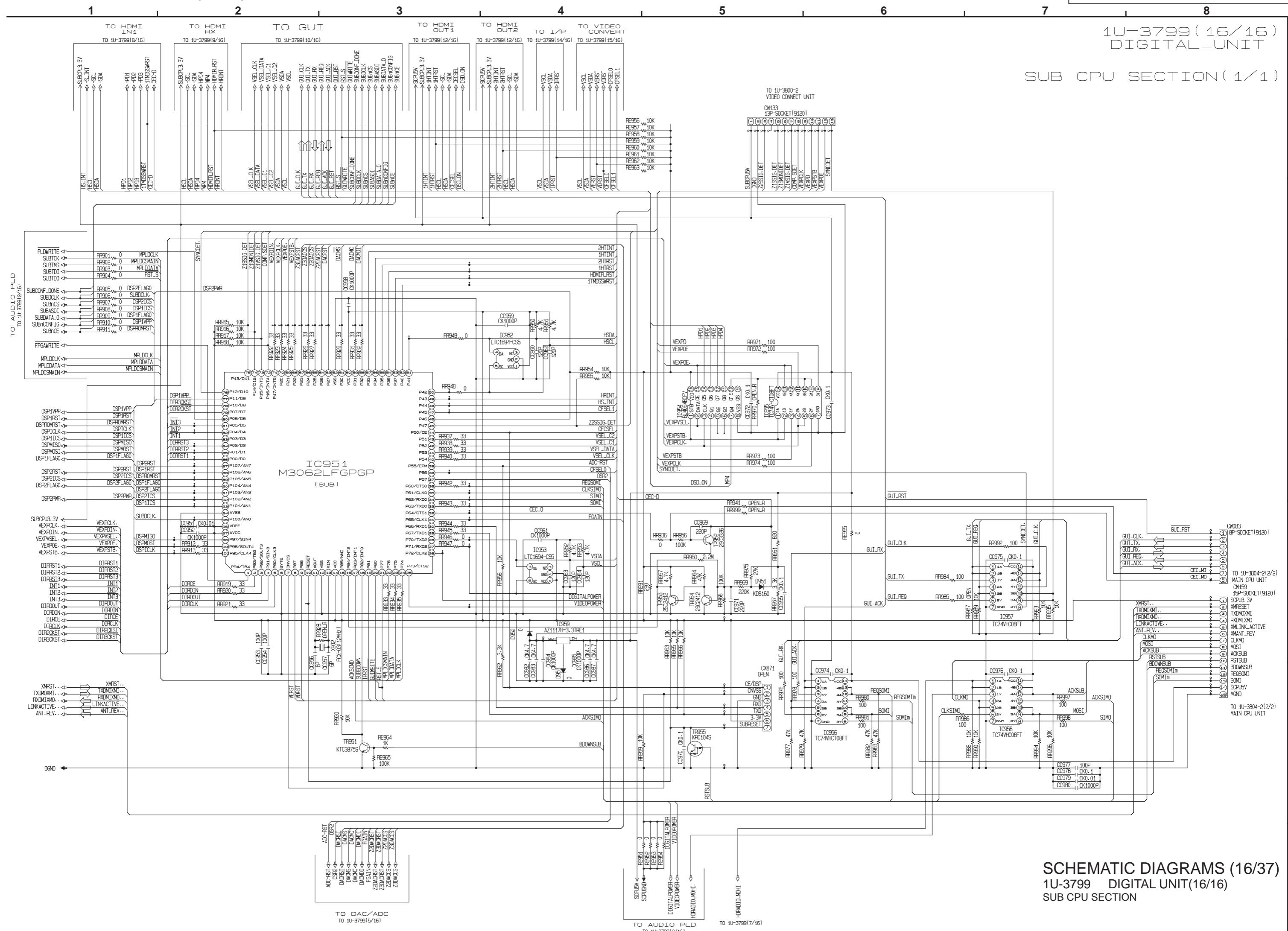
8

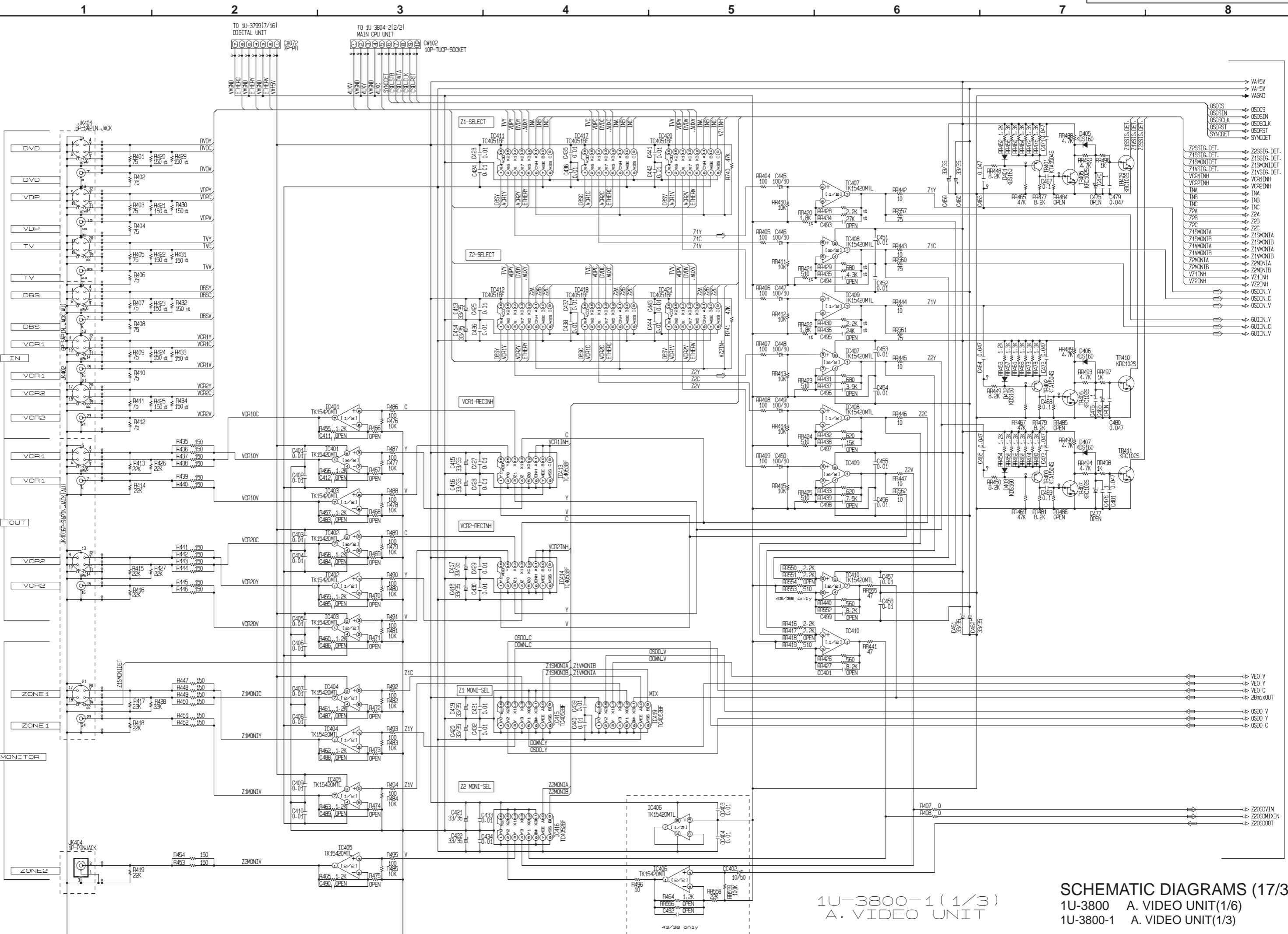


1U-3799 (15/16)  
DIGITAL UNIT

## SCHEMATIC DIAGRAMS (16/37)

AVR-3808CI / AVR-3808 / AVC-3808





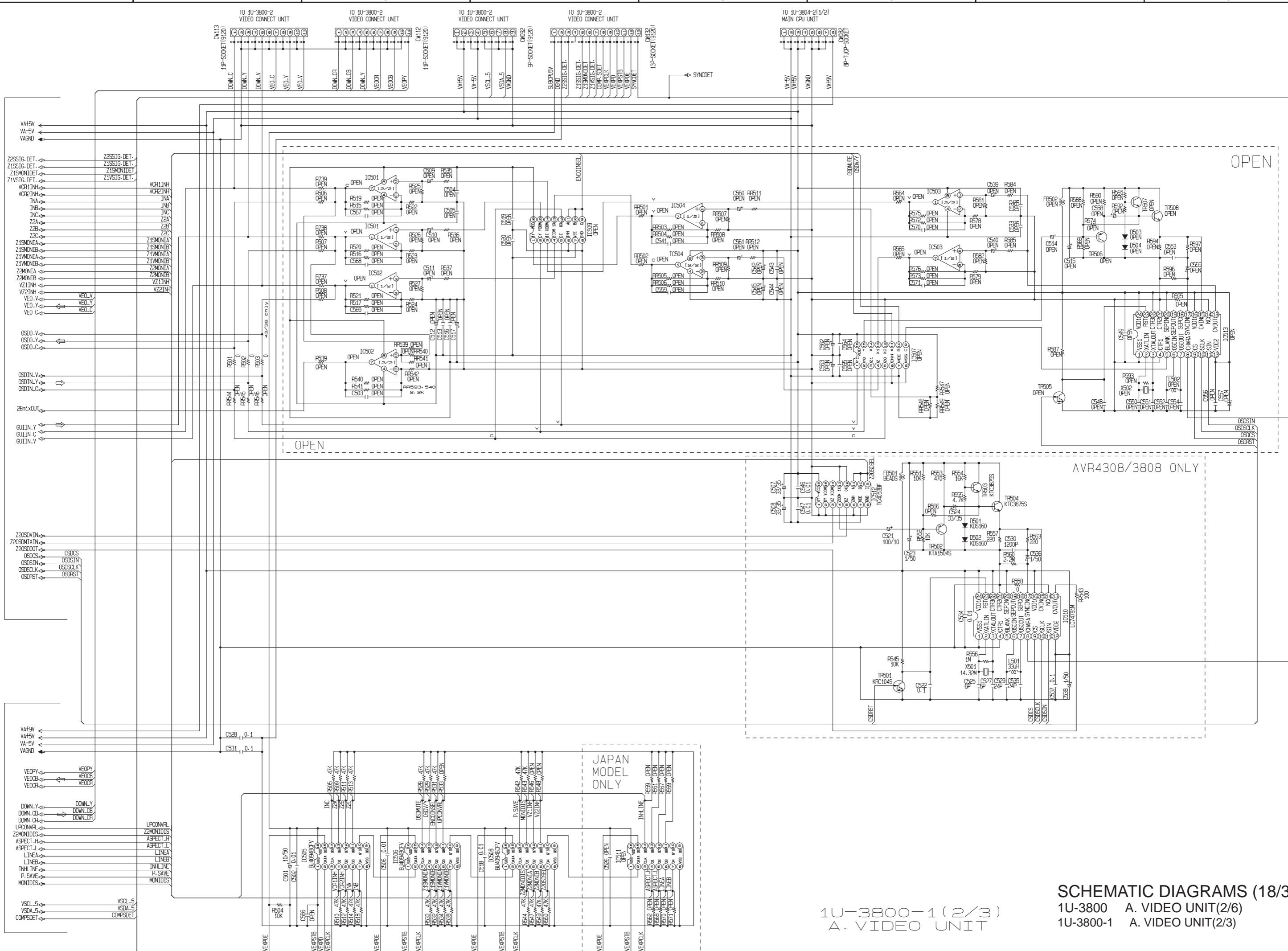
1U-3800-1 (1/3)  
A. VIDEO UNIT

## SCHEMATIC DIAGRAMS (18/37)

AVR-3808CI / AVR-3808 / AVC-3808

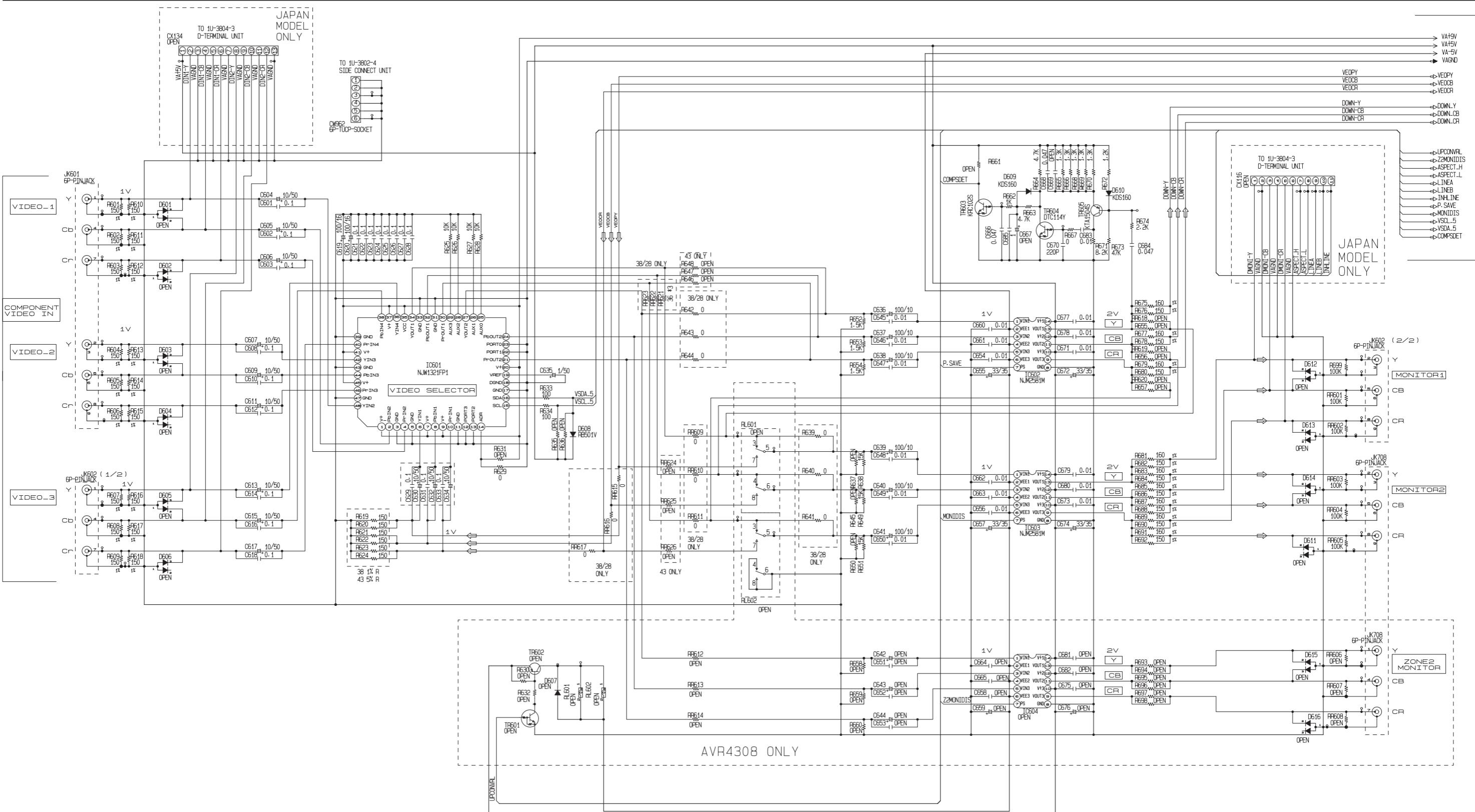
TO S&CVBS  
TO 10-3600-1(3)  
TO 10-3600-1(3)  
TO COMPONENT

S&C/VB

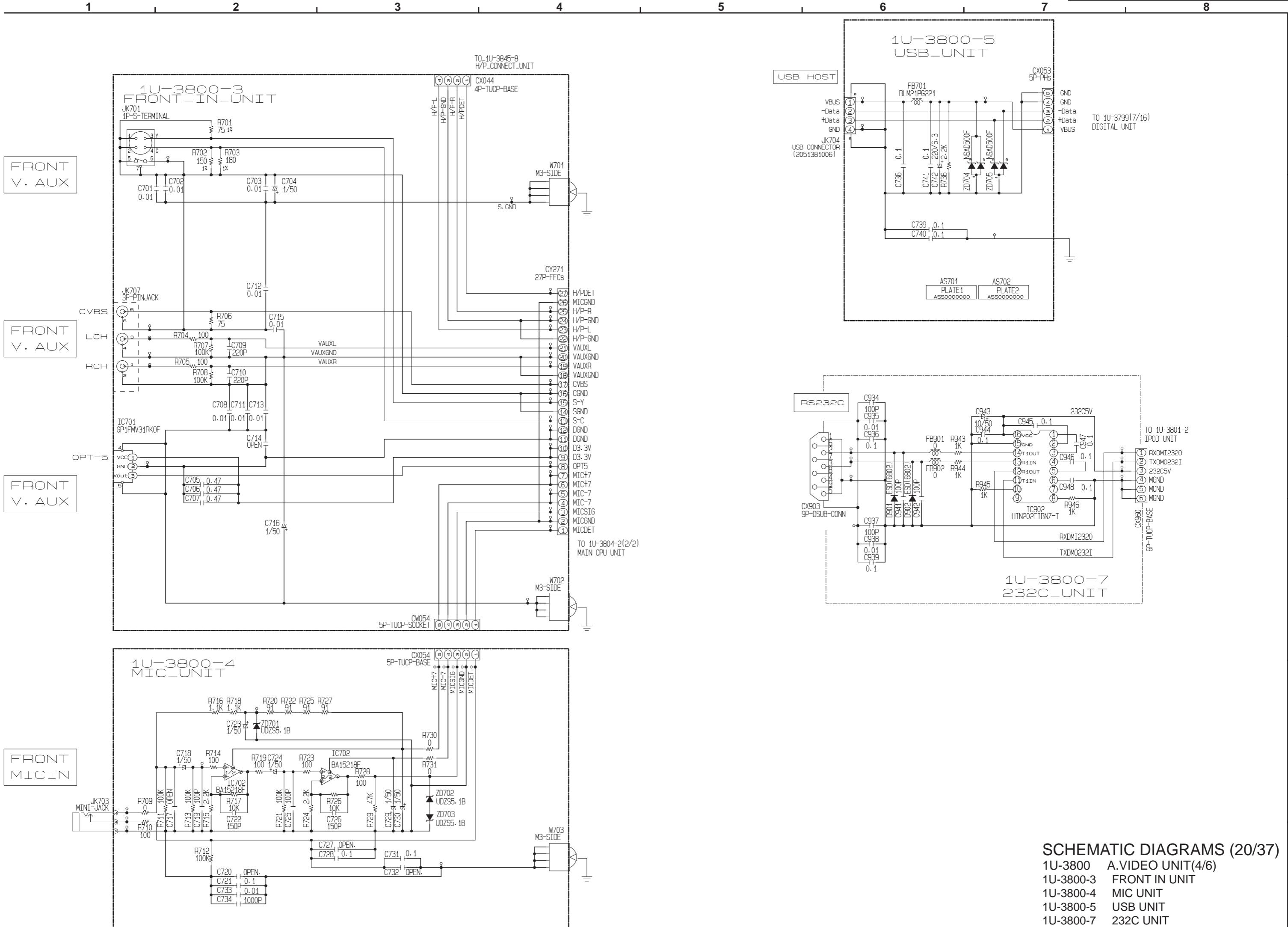


1U-3800-1 (2/3)  
A. VIDEO UNIT

## **SCHEMATIC DIAGRAMS (18/37)**

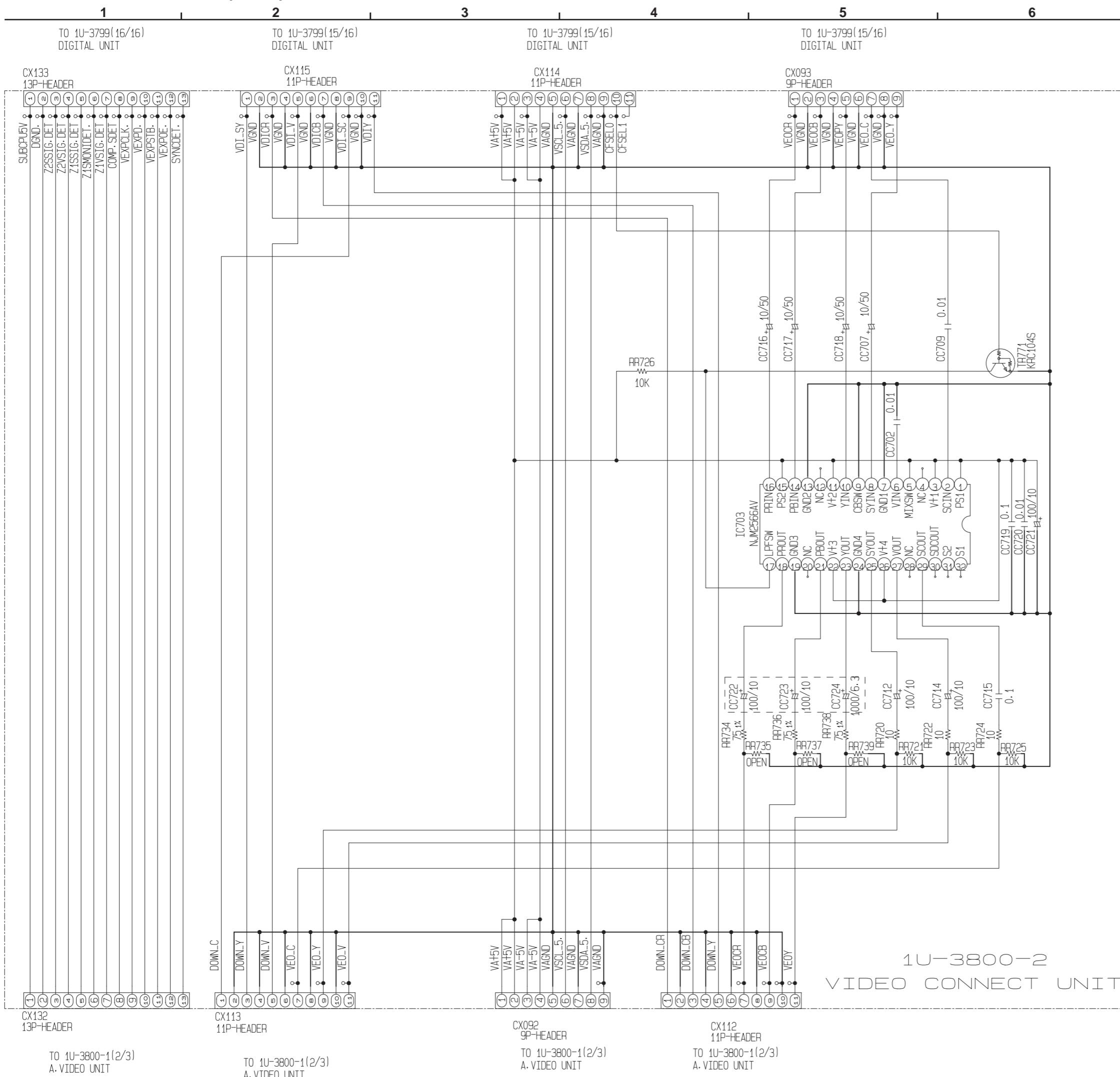


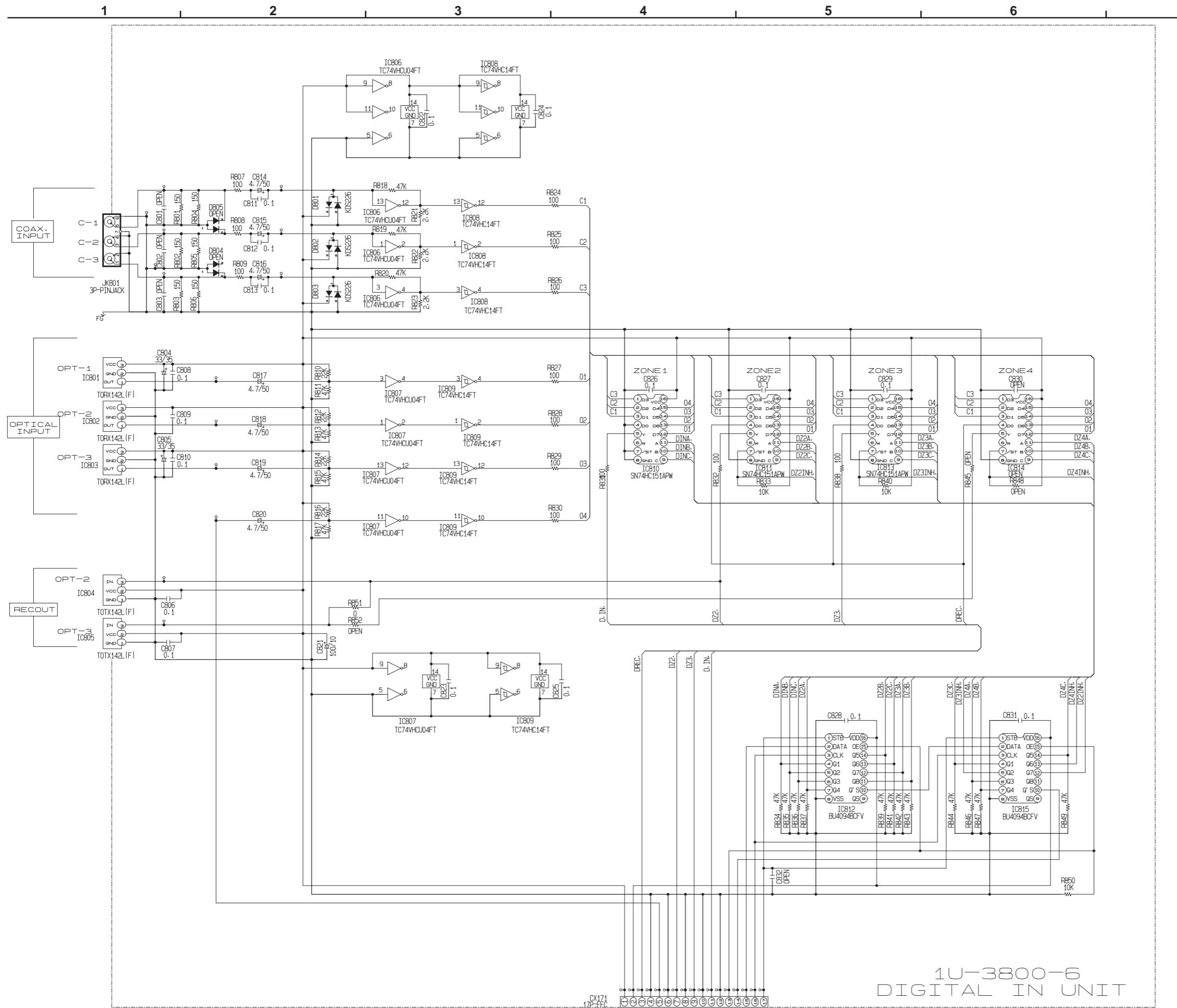
1U-3800-1 (3/3)  
A. VIDEO UNIT



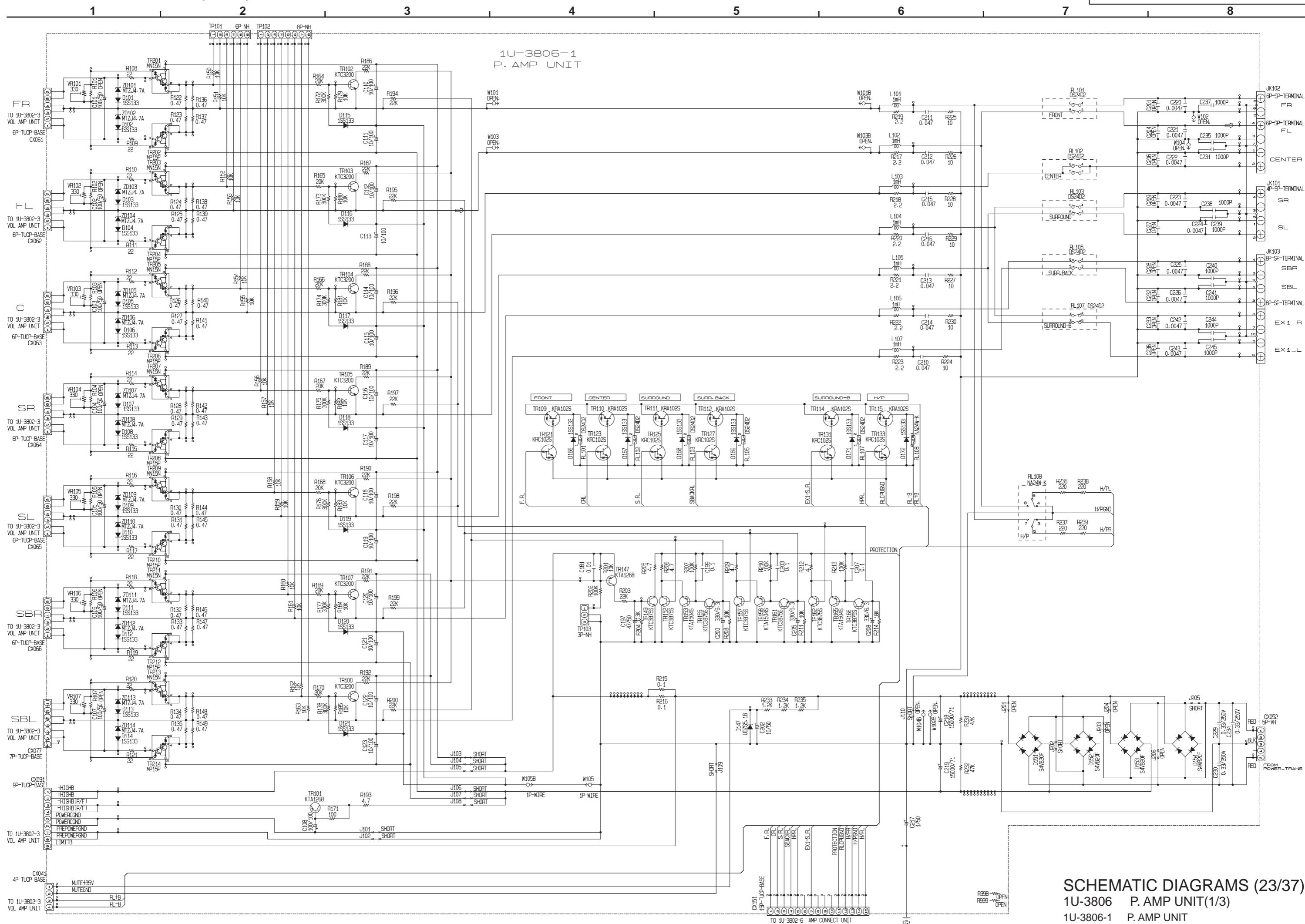
**SCHEMATIC DIAGRAMS (20/37)**

IU-3800	A.VIDEO UNIT(4/6)
IU-3800-3	FRONT IN UNIT
IU-3800-4	MIC UNIT
IU-3800-5	USB UNIT
IU-3800-7	232C UNIT

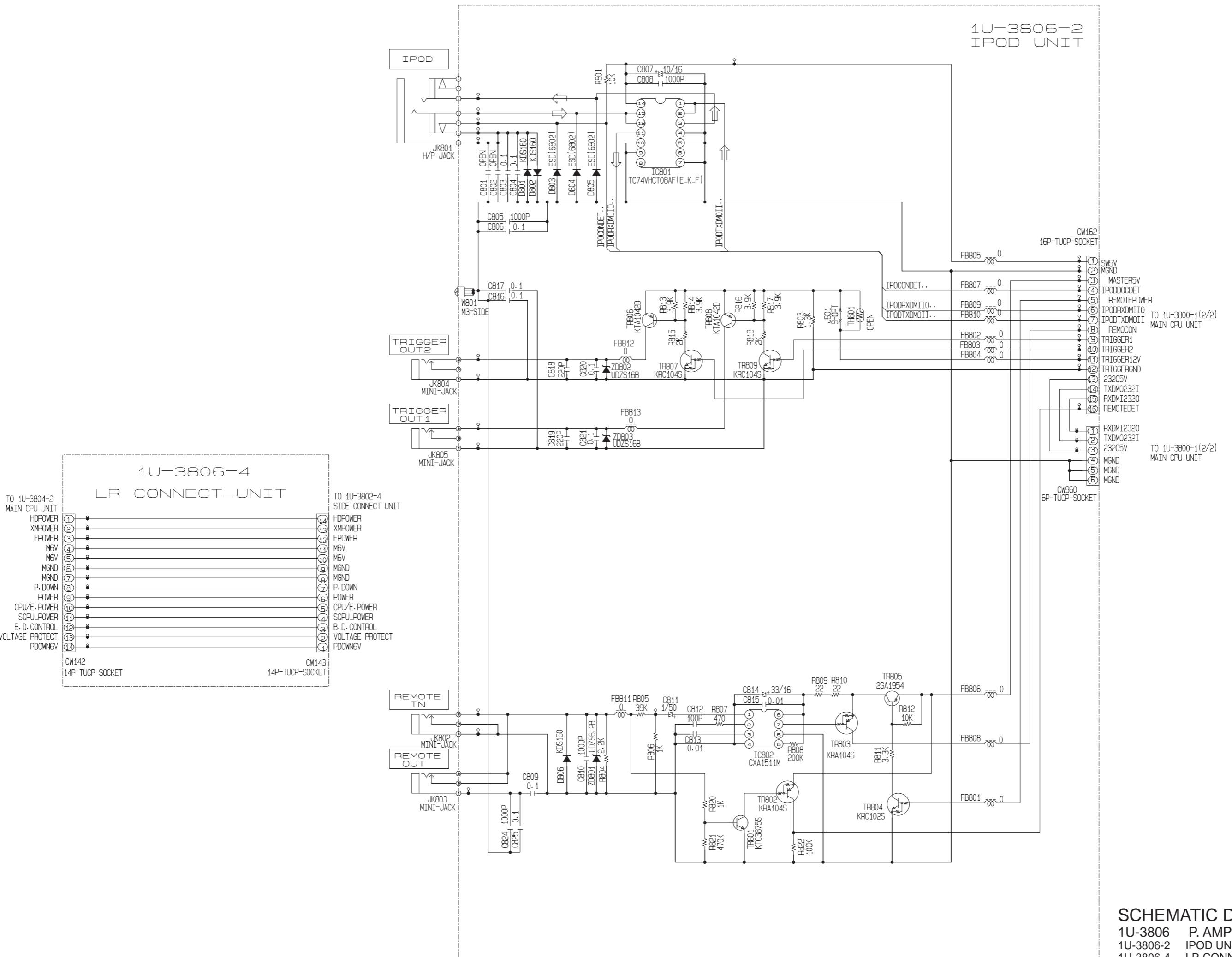


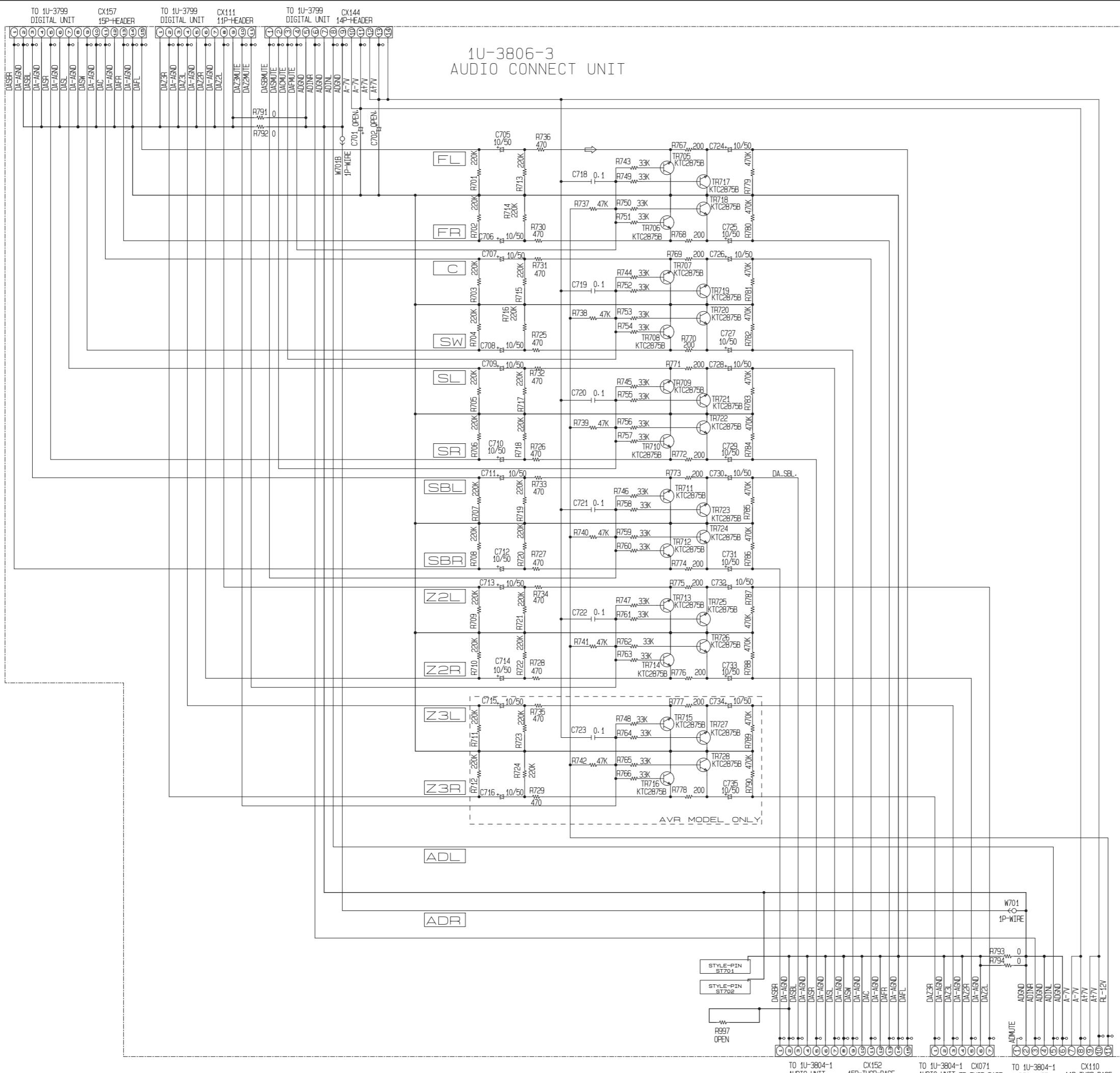


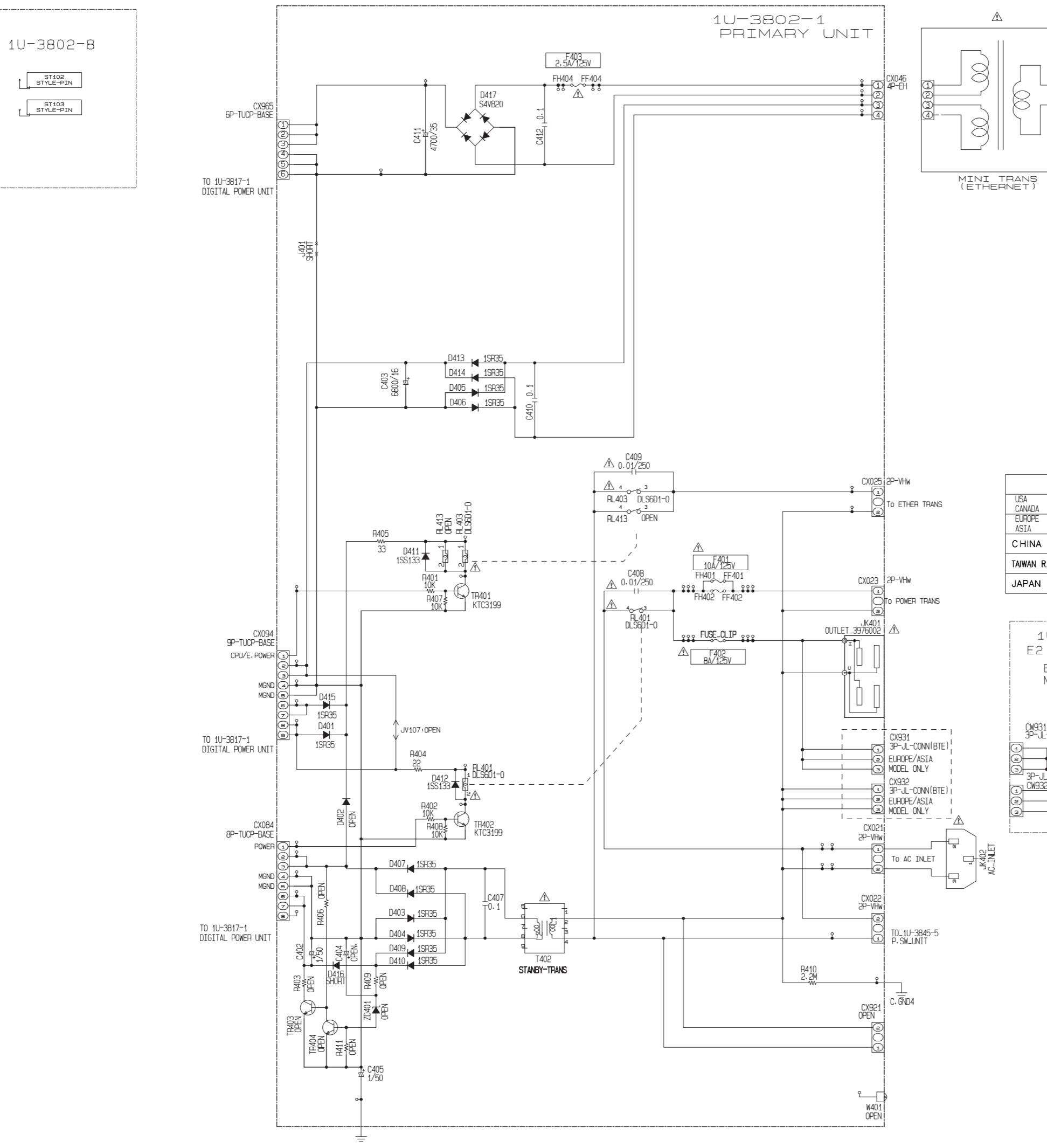
TO 1U-3799 DIGITAL UNIT (001.sht)



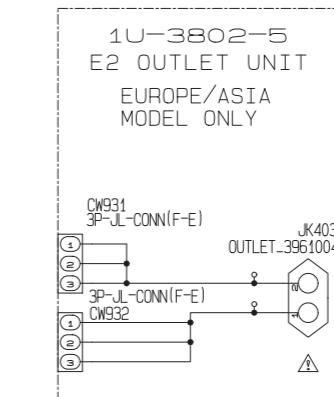
1 2 3 4 5 6 7 8





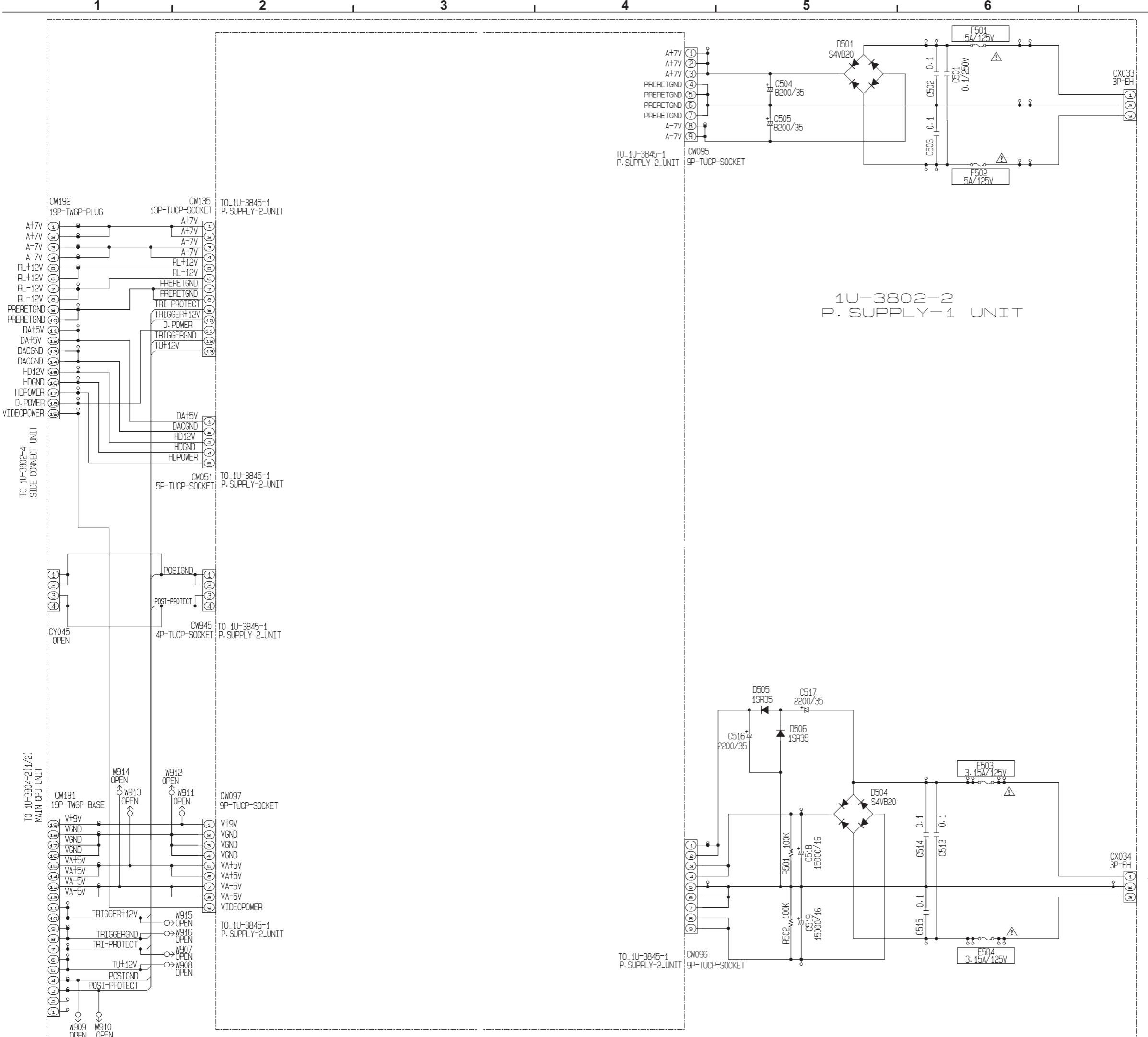


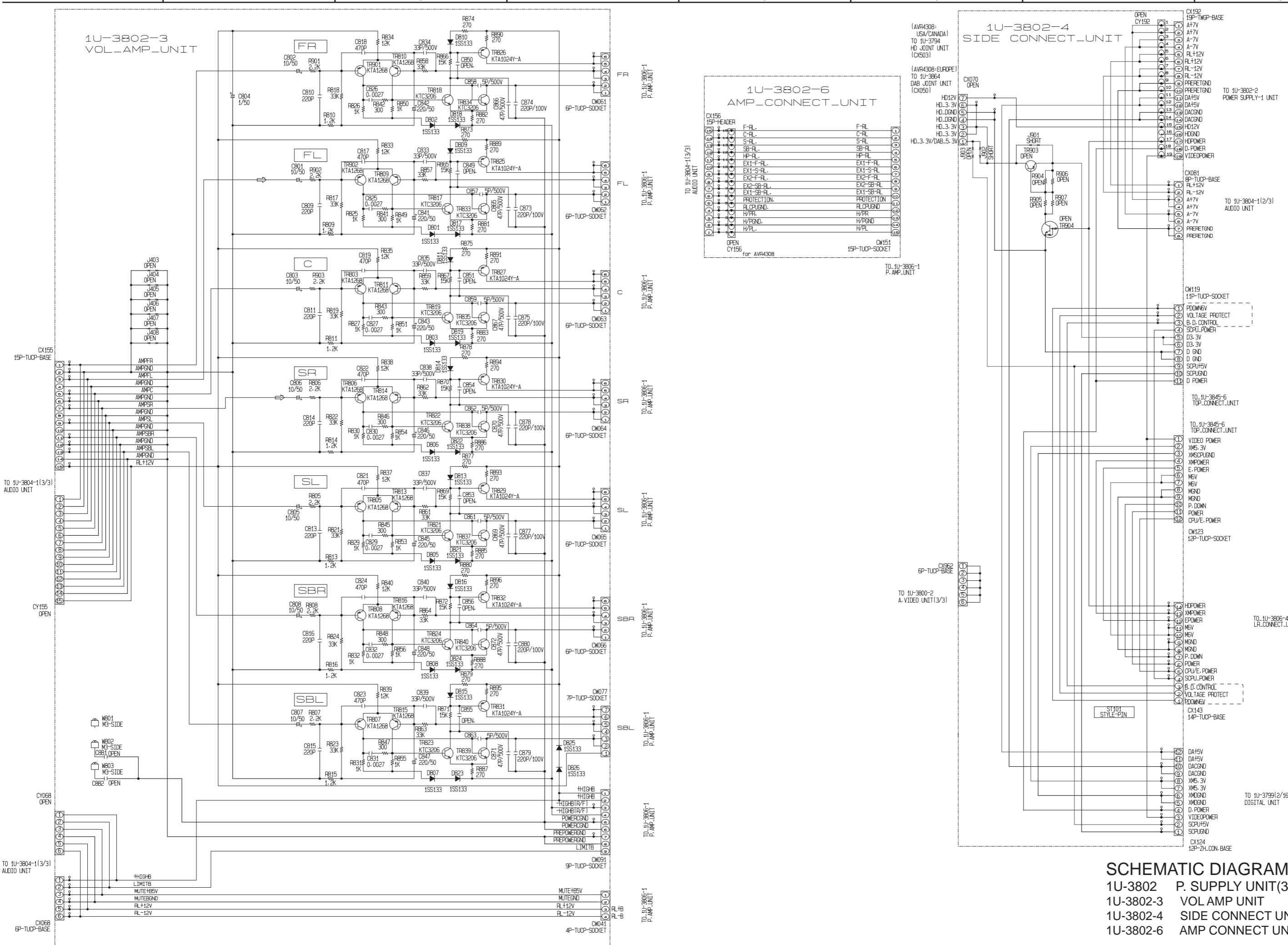
	*1 T402	*2 R410	*3 JK401	*4 CX931 CX932	*5 FF401 FH401	*6 FF402 FH402	*7 F401	*8 F402	*9 F403	*10 W401
USA CANADA	2336576109	2-2M	AC OUTLET	OPEN	FUSE HOLDER	OPEN	10A/125V	8A/125V	2.5A/125V	OPEN
EUROPE ASIA	2336606105	OPEN	OPEN	3P-JL	OPEN	FUSE CLIP	5A/250V	2.5A/250V	1.6A/250V	M3 S.
CHINA	2336607007	OPEN	OPEN	OPEN	OPEN	FUSE CLIP	5A/250V	OPEN	1.6A/250V	M3 S.
TAIWAN R.O.C.	2336576109	OPEN	AC OUTLET	OPEN	FUSE HOLDER	OPEN	10A/125V	8A/125V	1.6A/250V	OPEN
JAPAN	2330736000	OPEN	AC OUTLET	OPEN	FUSE HOLDER	OPEN	10A/125V	8A (T)	1.6A (T)	OPEN



## SCHEMATIC DIAGRAMS (26/37)

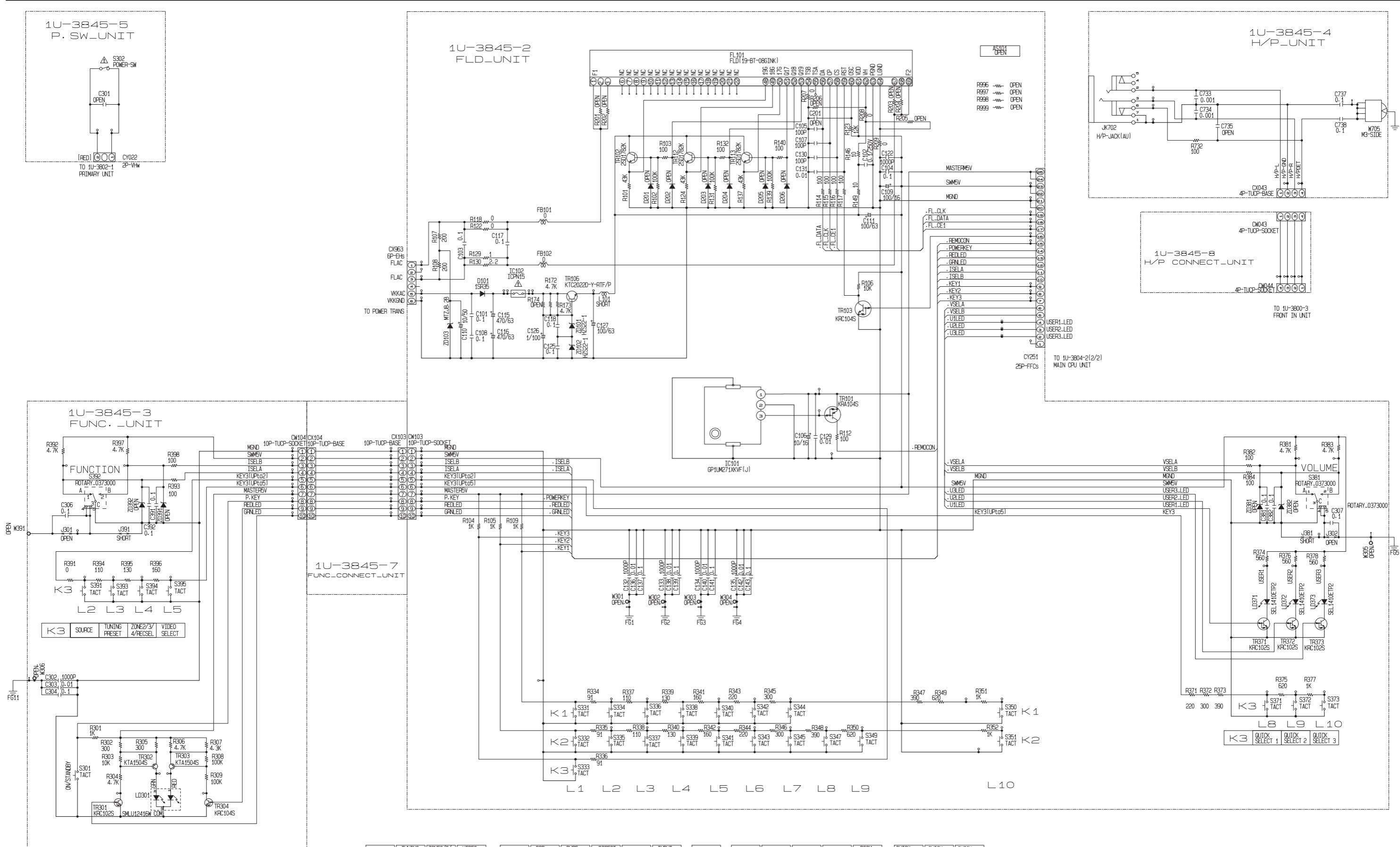
1U-3802 P. SUPPLY UNIT(1/3)  
1U-3802-1 PRIMARY UNIT  
1U-3802-5 E2 OUTLET UNIT  
(EUROPE/ASIA MODEL ONLY)



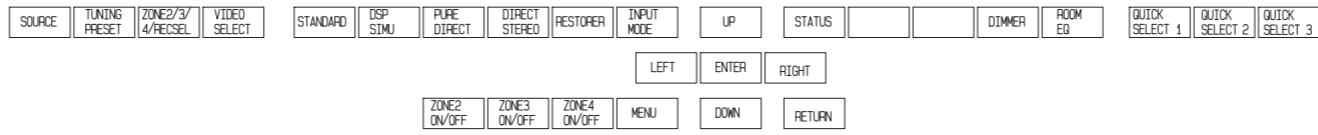


**SCHEMATIC DIAGRAMS (28/37)**

IU-3802 P. SUPPLY UNIT(3/3)  
IU-3802-3 VOL AMP UNIT  
IU-3802-4 SIDE CONNECT UNIT  
IU-3802-6 AMP CONNECT UNIT

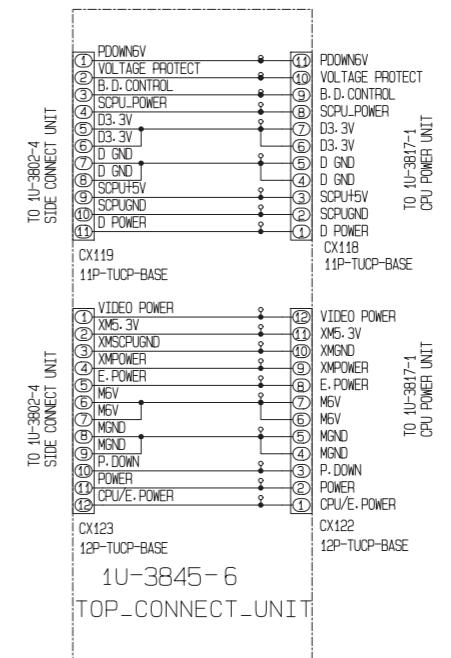
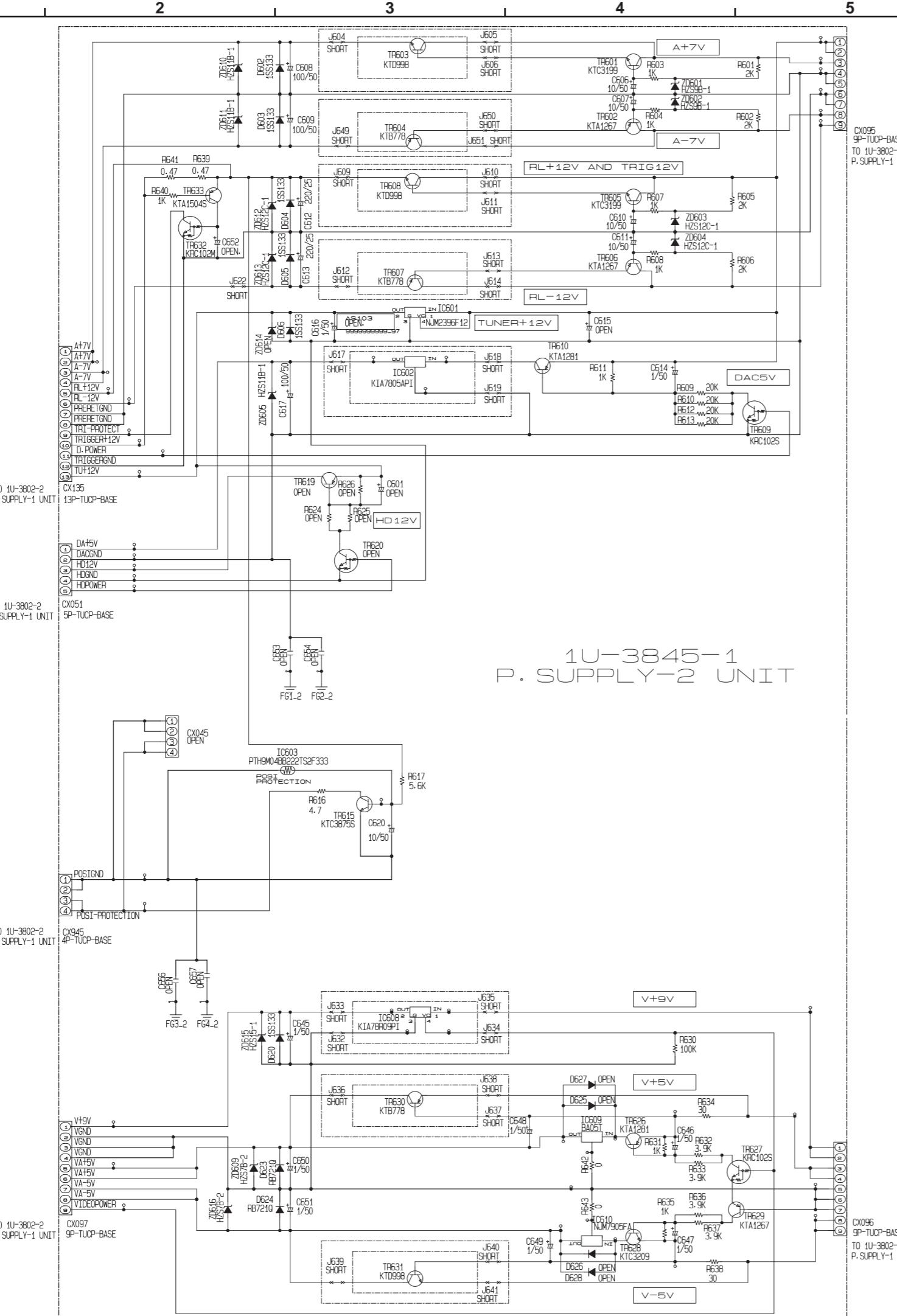


	L 1	L 2	L 3	L 4	L 5	L 6	L 7	L 8	L 9	L 10
K 1	ZONE3 ON/OFF	STANDARD	RESTONER	INPUT MODE	LEFT	UP	STATUS		DIMMER	
K 2	ZONE4 ON/OFF	DSP SIMU	PURE DIRECT	DIRECT STEREO	MENU	DOWN	ENTER	RIGHT	RETURN	ROOM EQ
K 3	ZONE2 ON/OFF	SOURCE	TUNING PRESET	ZONE2/3/4/RECSEL	VIDEO SELECT			QUTCK SELECT 1	QUTCK SELECT 2	QUTCK SELECT 3



**SCHEMATIC DIAGRAMS (29/37)**

1U-3845 FRONT UNIT(1/2)  
 1U-3845-2 FLD UNIT  
 1U-3845-3 FUNC. UNIT  
 1U-3845-4 H/P UNIT  
 1U-3845-5 P. SW UNIT  
 1U-3845-7 FUNC. CONNECT UNIT  
 1U-3845-8 H/P CONNECT UNIT

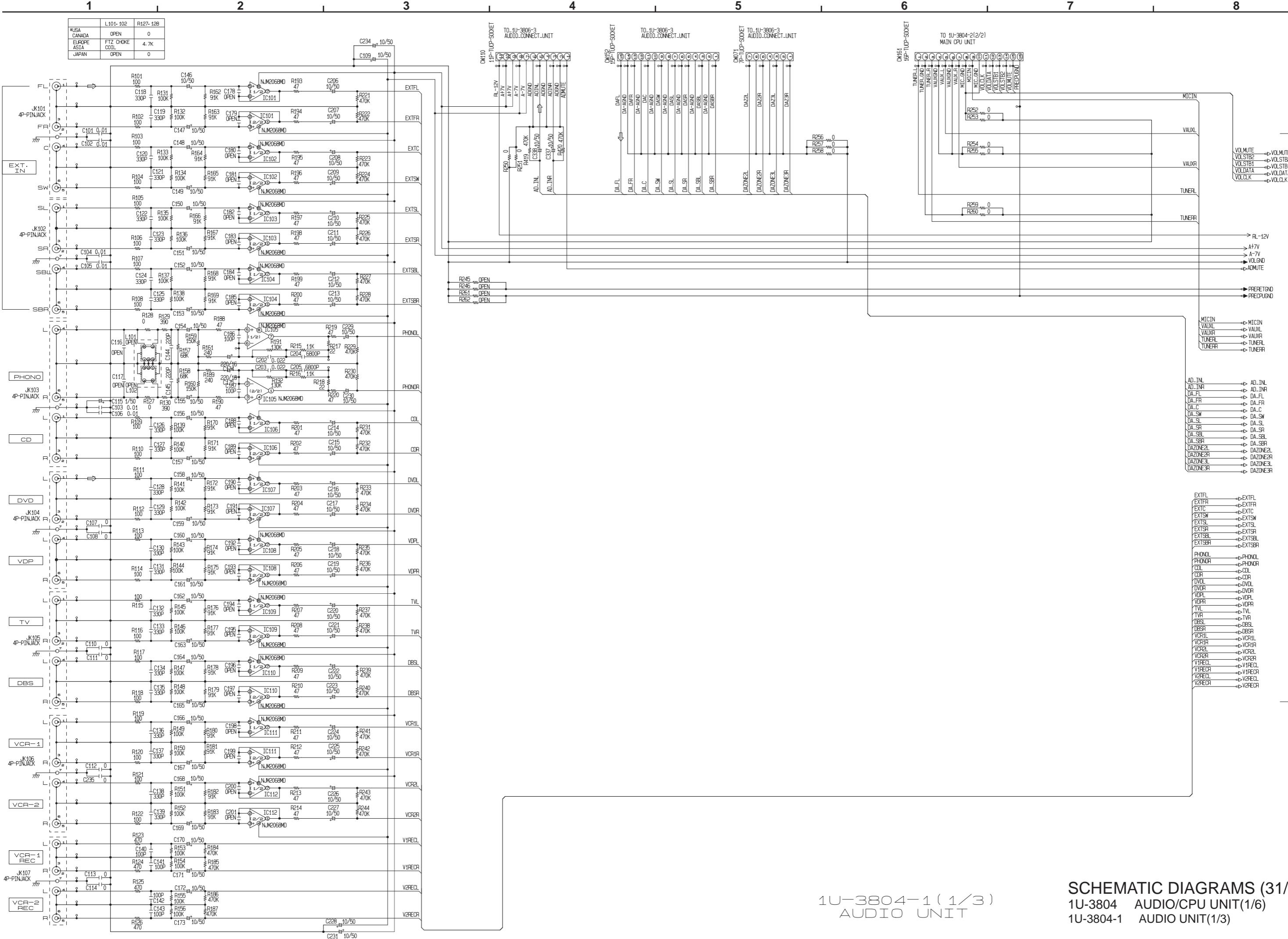


## SCHEMATIC DIAGRAMS (30/37)

1U-3845 FRONT UNIT(2/2)  
1U-3845-1 P. SUPPLY-2 UNIT  
1U-3845-6 TOP CONNECT UNIT

# SCHEMATIC DIAGRAMS (31/37)

AVR-3808CI / AVR-3808 / AVC-3808



## SCHEMATIC DIAGRAMS (32/37)

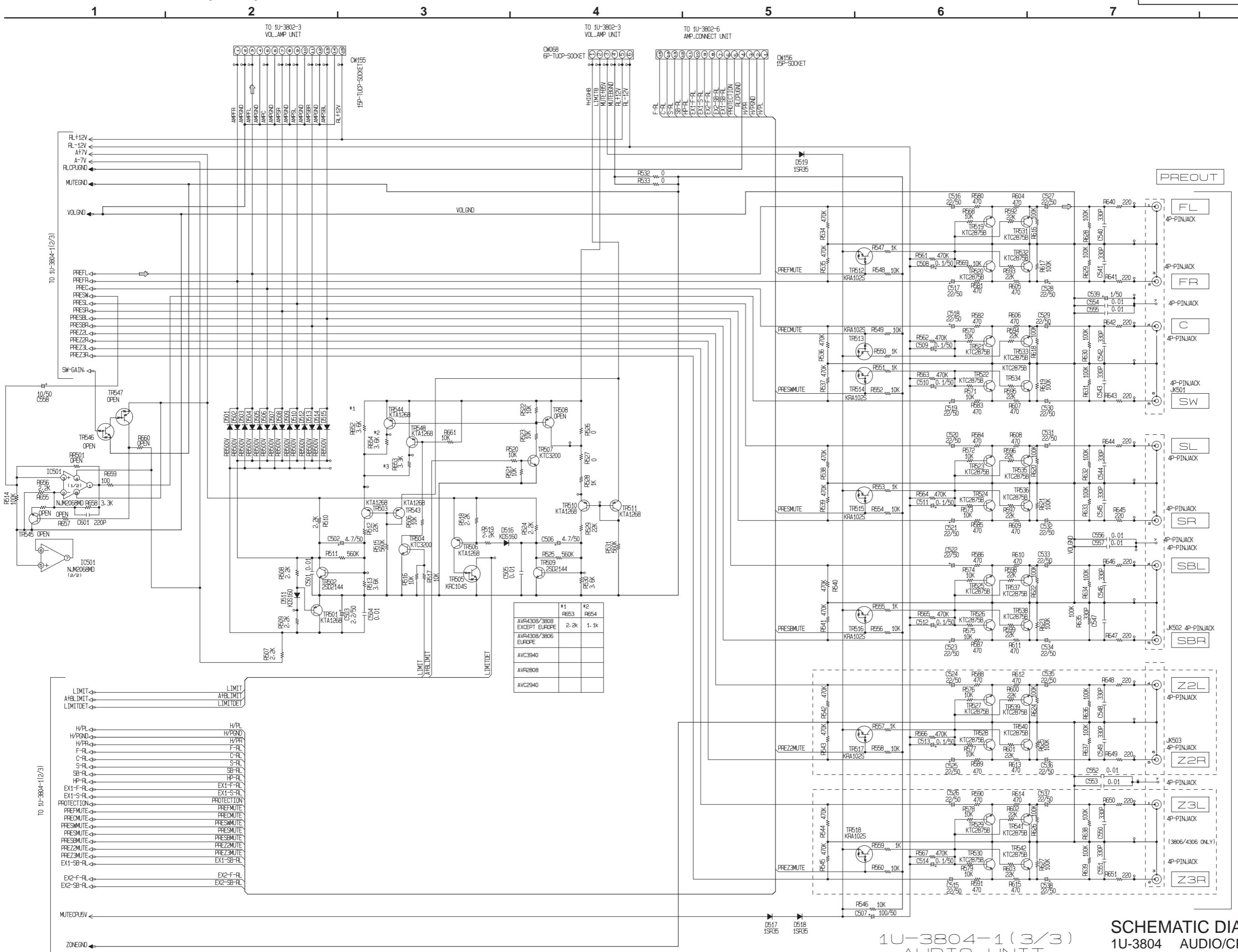
AVR-3808CI / AVR-3808 / AVC-3808

1U-3804-1 (2/3)  
AUDIO UNIT

## SCHEMATIC DIAGRAMS (32/37)

1U-3804 AUDIO/CPU UNIT(2/6)

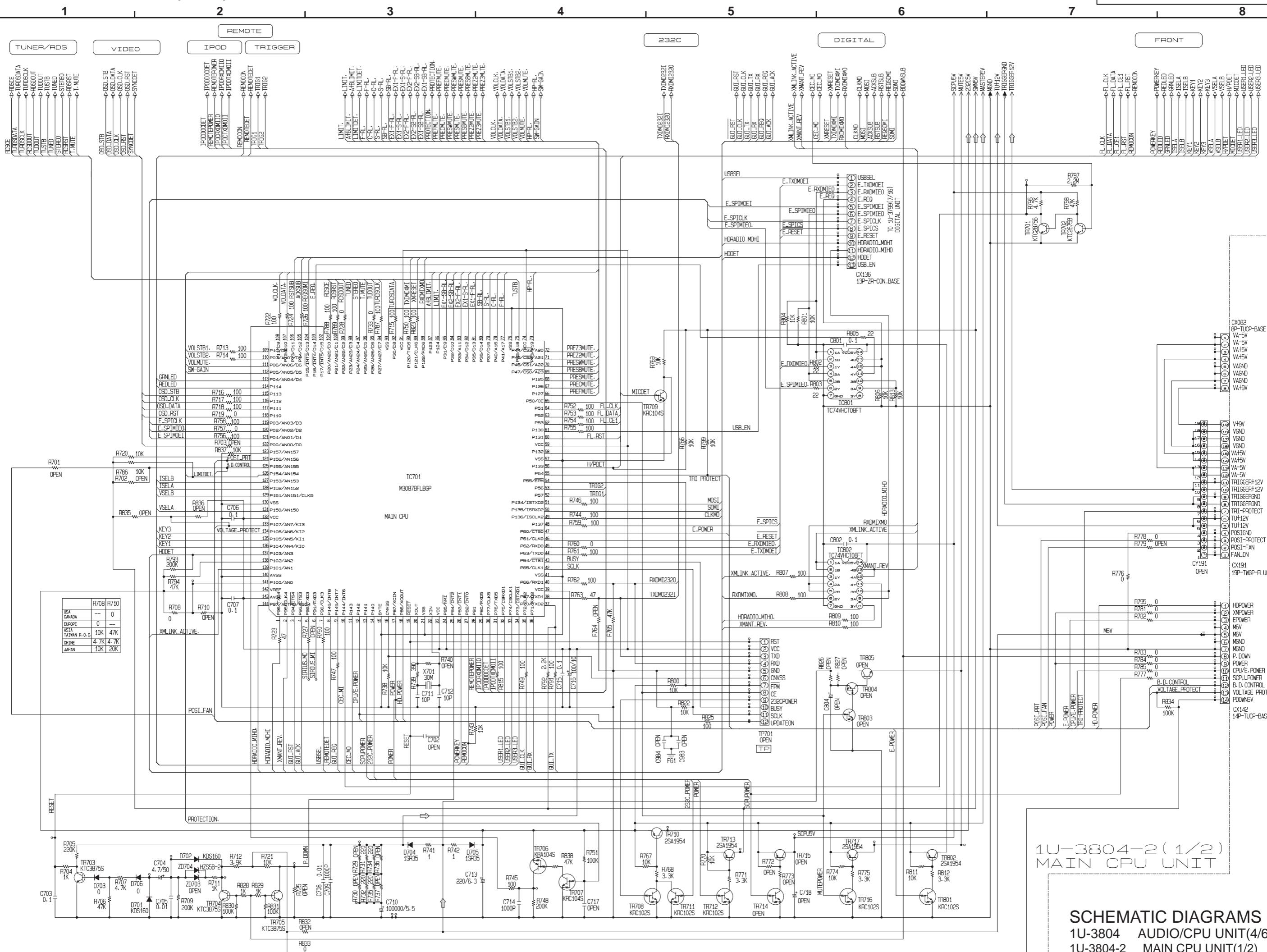
## 1U-3804-1      AUDIO UNIT(2/3)



1U-3804-1 (3/3)  
AUDIO UNIT

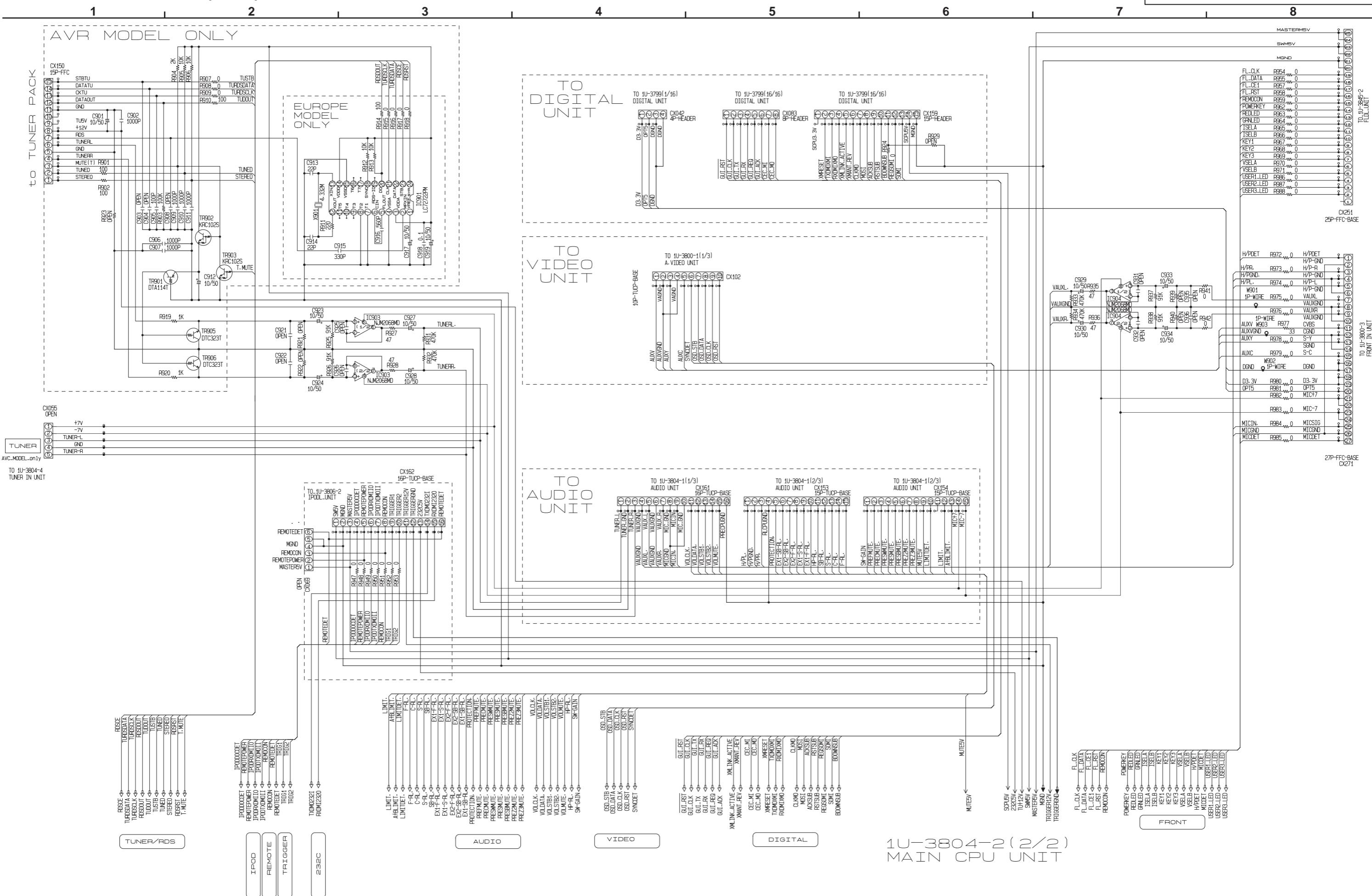
## SCHEMATIC DIAGRAMS (34/37)

AVR-3808CI / AVR-3808 / AVC-3808



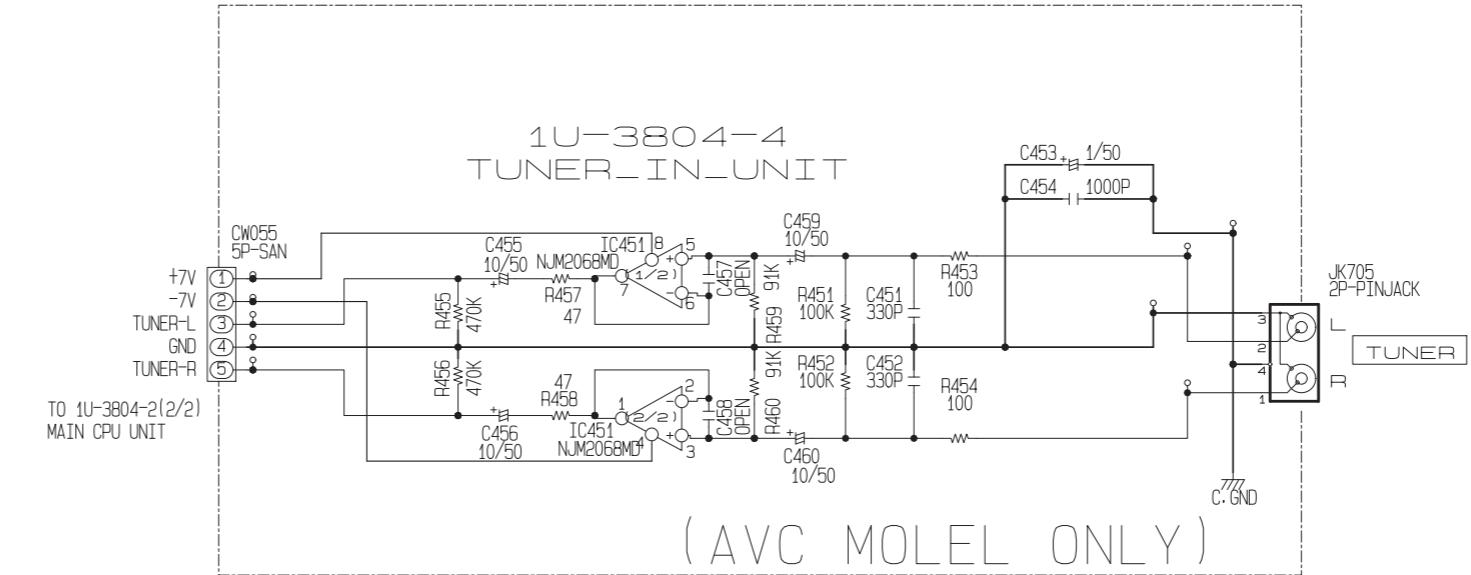
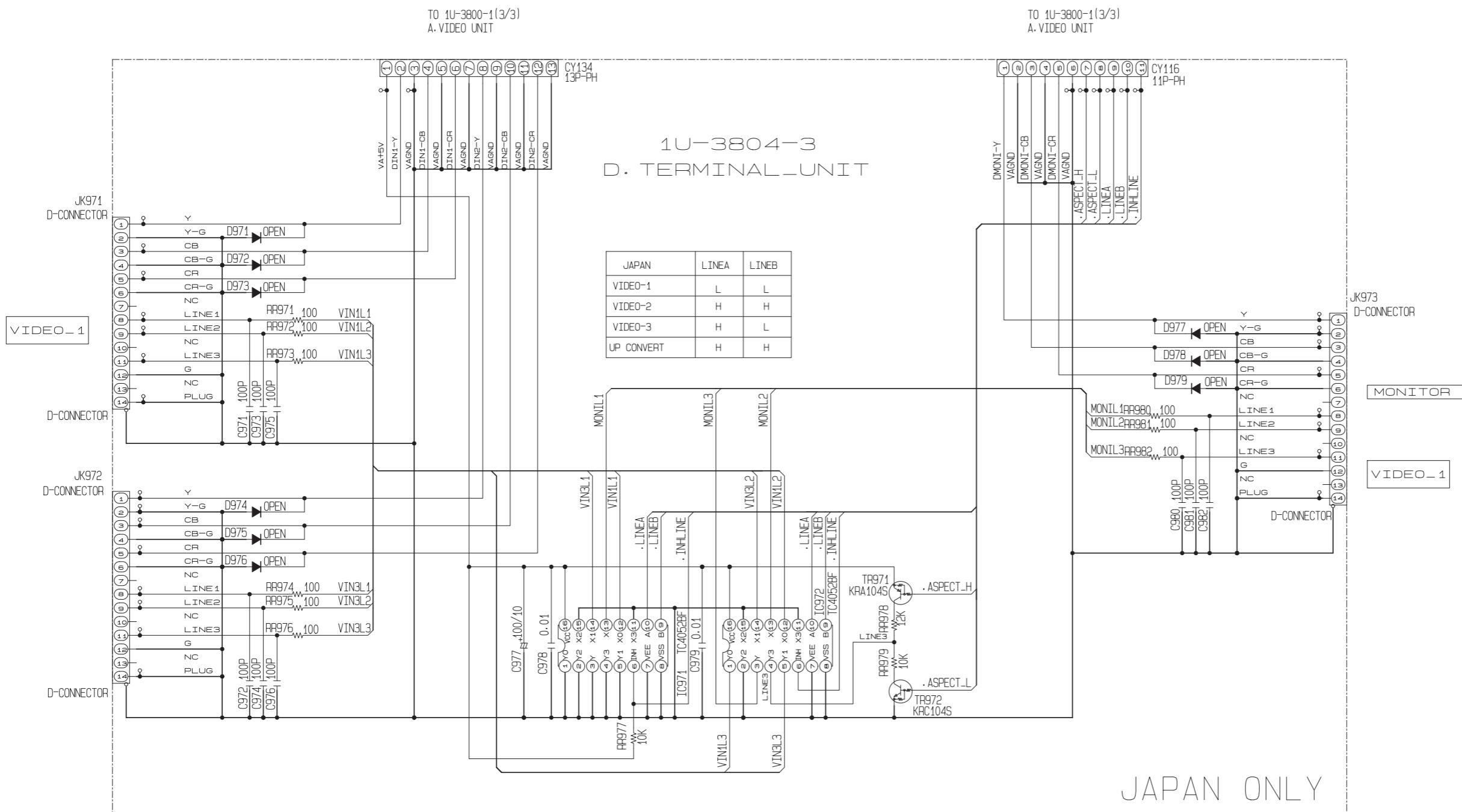
## **SCHEMATIC DIAGRAMS (34/37)**

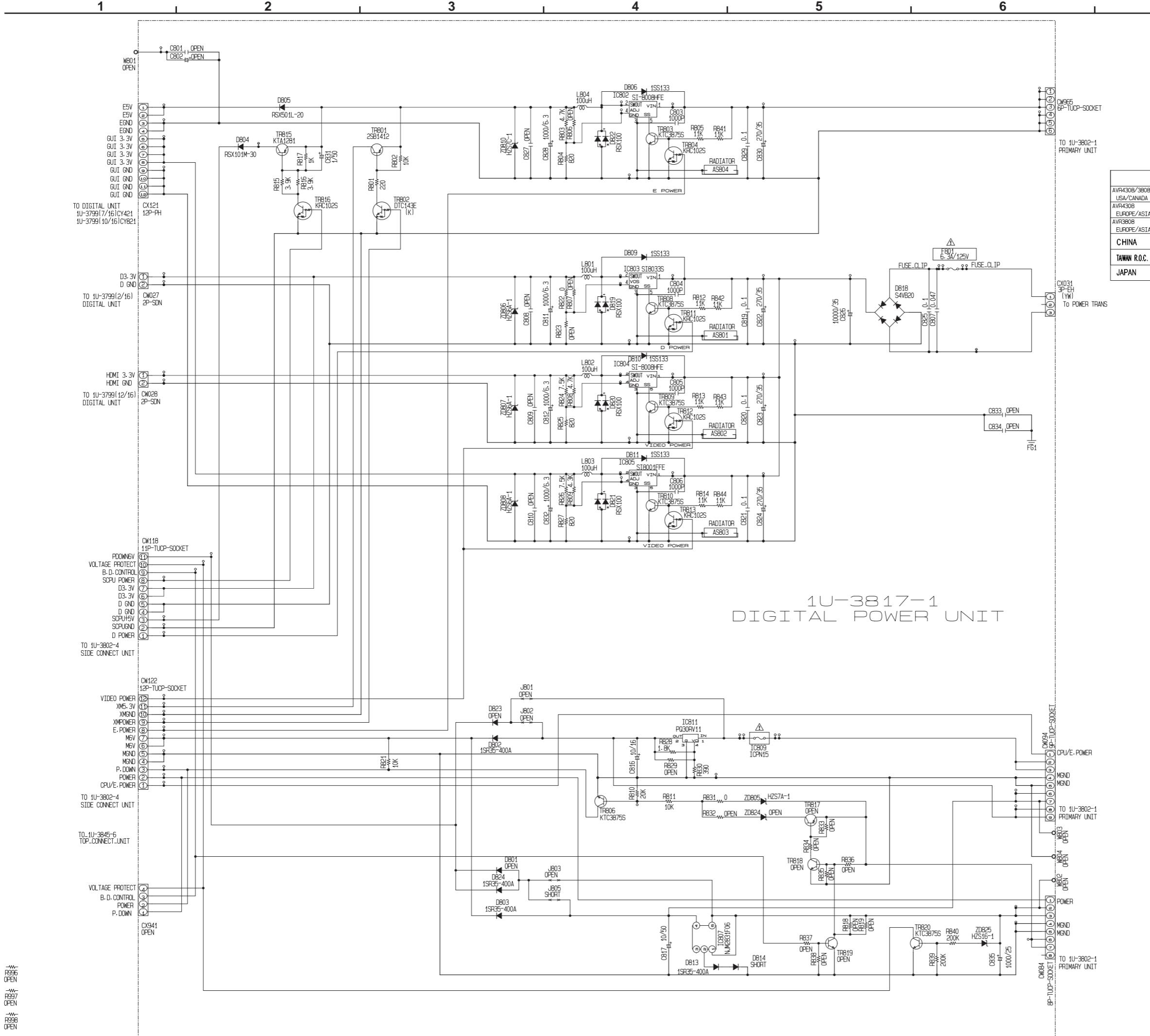
**1U-3804    AUDIO/CPU UNIT(4/6)**  
**1U-3804-2    MAIN CPU UNIT(1/2)**



SCHEMATIC DIAGRAMS (35/37)  
1U-3804 AUDIO/CPU UNIT(5/6)  
1U-3804-2 MAIN CPU UNIT(2/2)

1 2 3 4 5 6 7 8





## SCHEMATIC DIAGRAMS (37/37) 1U-3817 DIGITAL POWER UNIT