

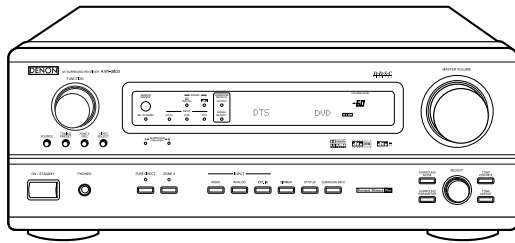
DENON

For U.S.A., Canada, Europe, Asia,
China, Hong Kong, Taiwan R.O.C.,
Korea & Japan model

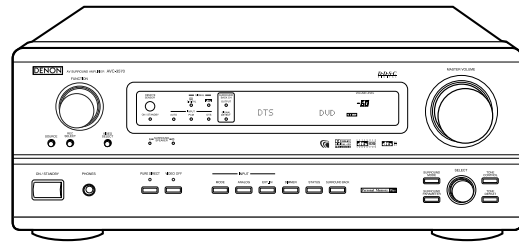
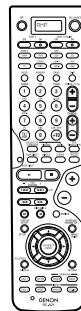
SERVICE MANUAL

MODEL AVR-3803/1083 AVC-3570

AV SURROUND RECEIVER/AMPLIFIER



AVR-3803



AVC-3570



注意

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

- 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。

● 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, Ltd.

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SAFETY PRECAUTIONS

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

LEAKAGE CURRENT CHECK

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

注意

サービス、点検時には次のことにご注意願います。

●注意事項をお守りください！

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

●感電に注意！

- (1) このセットは、交流電圧が印加されていますので、通電時に内部金属部に触れると感電することがあります。従って通電サービス時には、絶縁トランスの使用や手袋の着用、部品交換には、電源プラグを抜くなどして、感電にご注意ください。
- (2) 内部には、高電圧の部分がありますので、通電時の取扱には、十分ご注意ください。

●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。

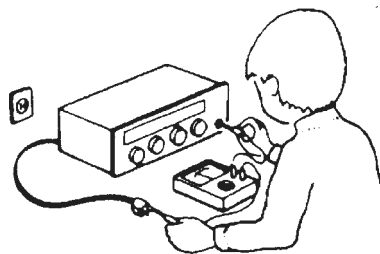
●部品の取付けや配線の引きまわしは、元どおりに！安全上、テープやチューブなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランパーによって発熱部品や高圧部品に接近しないように配慮されていますので、これらは必ず元どおりにしてください。

●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1MΩ以上であること、この値以下のときは、セットの点検修理が必要です。



注意

安全上重要な部品について

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

- (1) 配線図… △マークと黒色で薄く塗りつぶすことにより表示しています。
- (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。

WIRE ARRANGEMENT

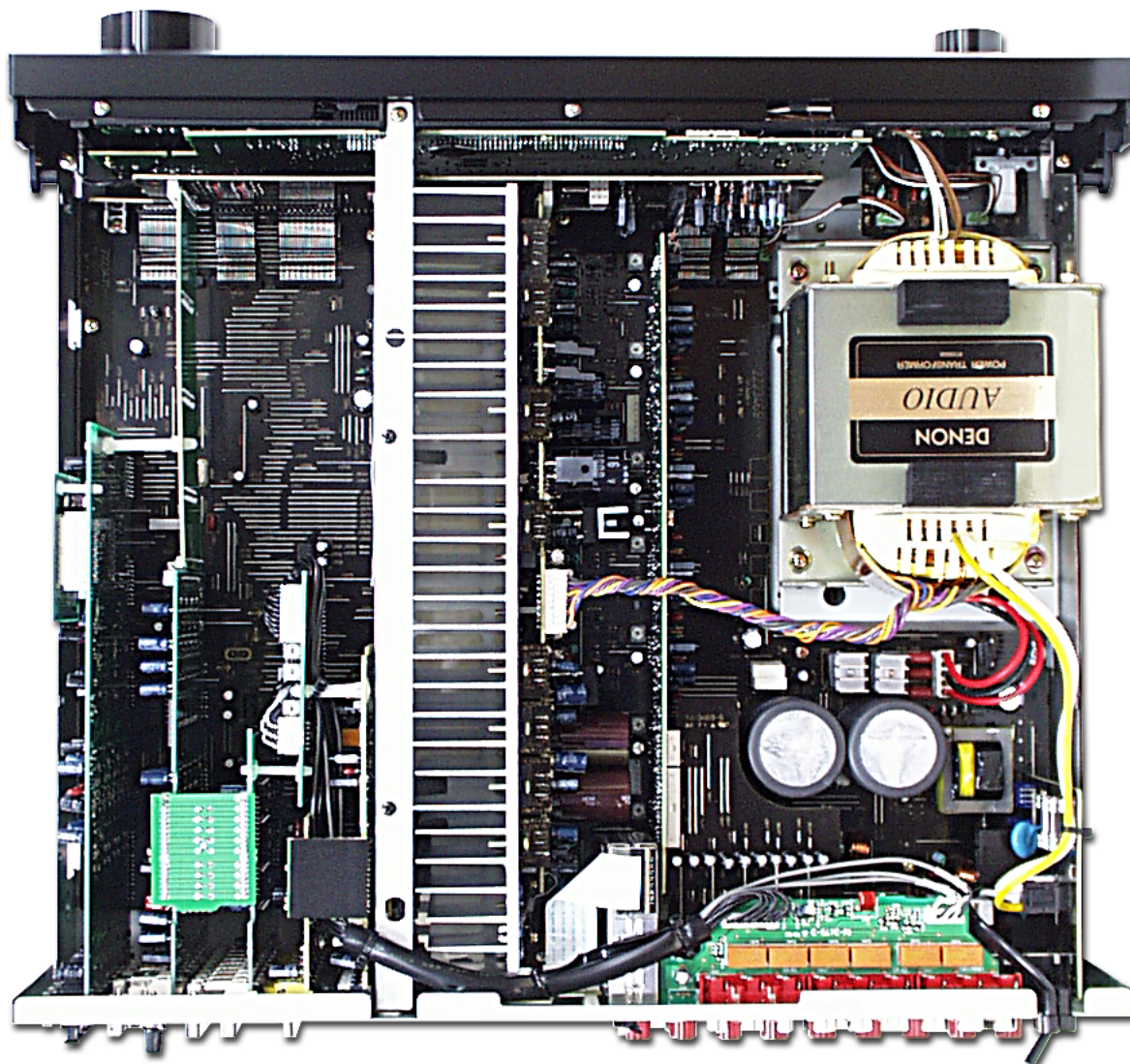
If wire bundles are untied or moved to perform adjustment or parts replacement etc., be sure to rearrange them neatly as they were originally bundled or placed afterward. Otherwise, incorrect arrangement can be a cause of noise generation.

Wire arrangement viewed from the top

ワイヤー整形図

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

上面からみたワイヤー整形

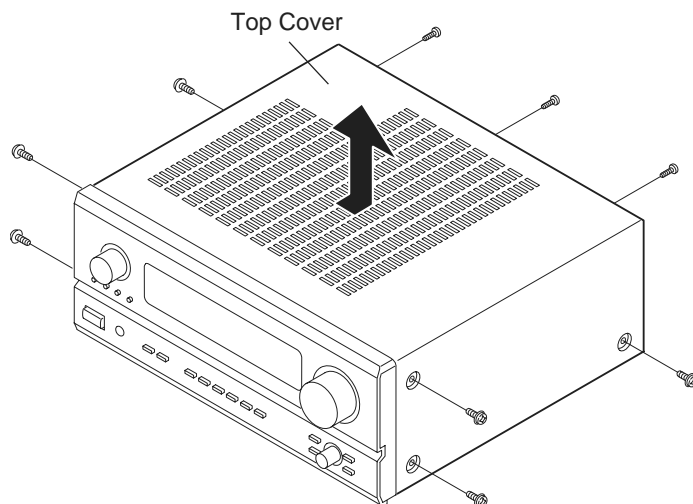


DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

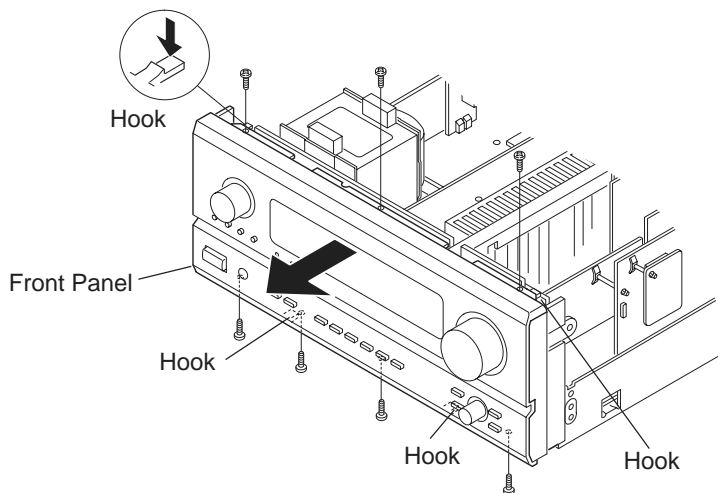
1. Top Cover

Remove 3 screws on the rear and 6 screws on both sides to detach the Top Cover as shown in the arrow direction.



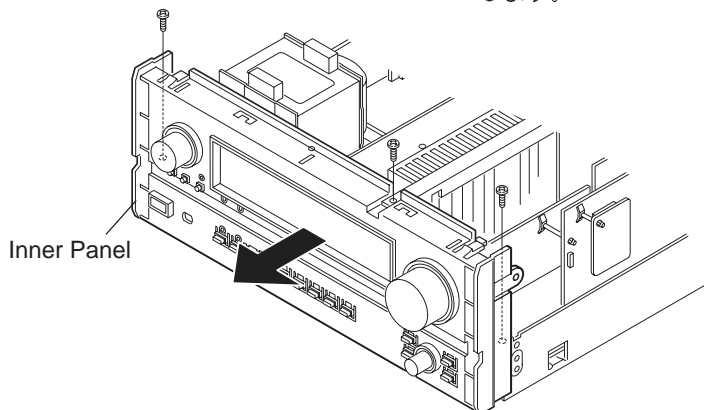
2. Front Panel

- (1) Remove 7 screws from the top and bottom edges of the Front Panel.
- (2) Release 4 top and bottom Hooks, then detach the Front Panel as shown in the arrow direction.



3. Inner Panel

Pull out the Inner Panel in the arrow direction after removing 3 screws.



各部のはずしかた

(組み立てるときは、逆の順序でおこなってください。)

1. Top Cover

後面からねじ3本、両側からねじ6本をはずしTop Coverを矢印の方向に取りはずします。

2. Front Panel

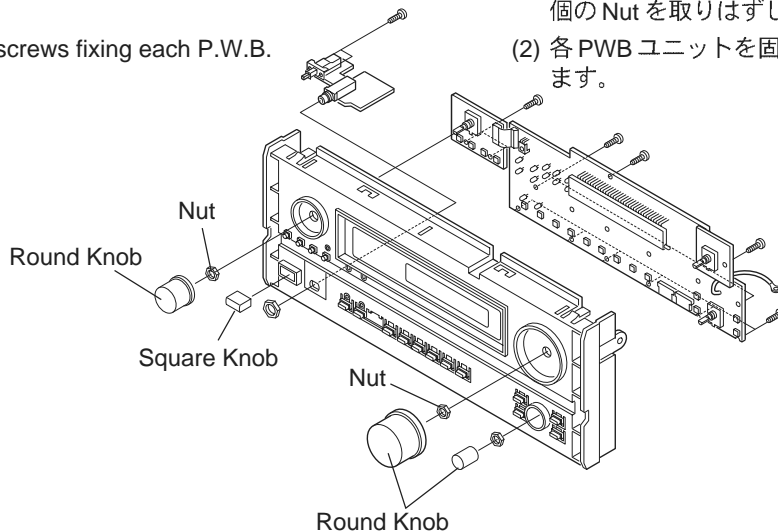
- (1) Front Panelの上下面からねじ7本をはずします。
- (2) Front Panelを上下で止めている4個のHookをはずし、Front Panelを矢印の方向に取りはずします。

3. Inner Panel

ねじ3本をはずし、Inner Panelを矢印の方向に取りはずします。

4. Inner Panel Ass'y

- (1) Remove 3 round and 1 square knobs, and unscrew 4 nuts.
- (2) Remove 14 screws fixing each P.W.B.

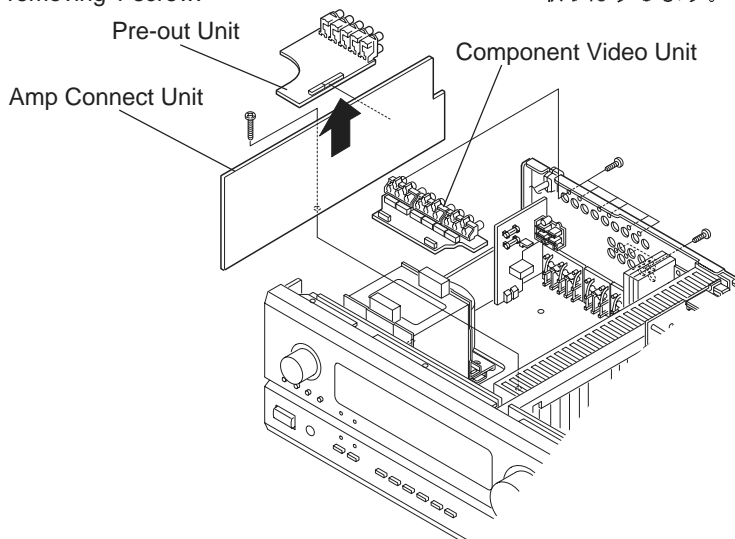


4. Inner Panel Ass'y

- (1) Round Knob 3個と Square Knob 1個を引き抜き、4個の Nut を取りはずします。
- (2) 各 P.W.B. ユニートを固定しているねじ 14本をはずします。

5. Amp Connect Unit/Component Video Unit

- (1) Remove 9 screws to detach Pre-out Unit and Component Video Unit.
- (2) Take off the Amp Connect Unit as shown in the arrow direction after removing 1 screw.

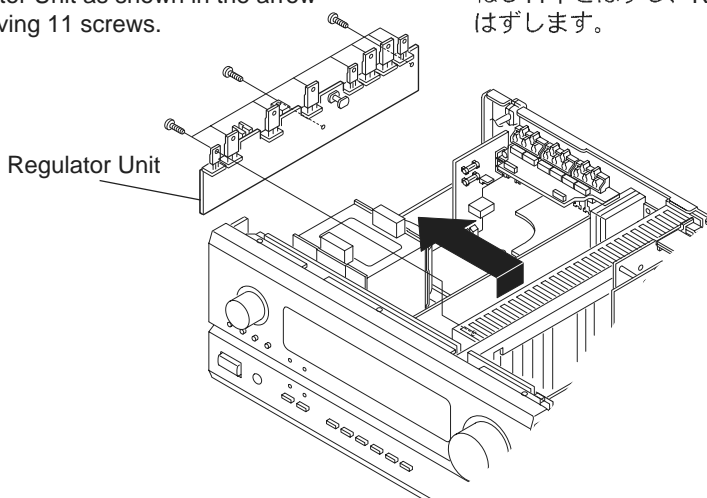


5. Amp Connect Unit/Component Video Unit

- (1) ねじ 12本をはずし、Pre-out Unit と Component Video Unit をはずします。
- (2) ねじ 1本をはずし、Amp Connect Unit を矢印の方向に取りはずします。

6. Regulator Unit

Take off the Regulator Unit as shown in the arrow direction after removing 11 screws.

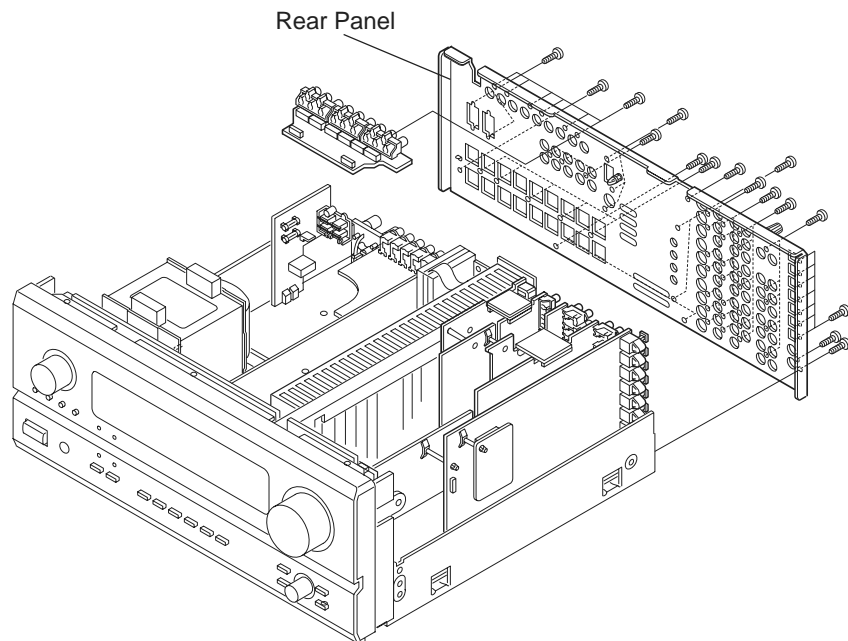


6. Regulator Unit

ねじ 11本をはずし、Regulator Unit を矢印の方向に取りはずします。

7. Component-Video/S-Video / C-video / Audio in / Ext-in VR / Digital/Remote I/O / AM FM Tuner Unit

- (1) Remove 60 screws to detach the Rear Panel.
- (2) Take off the objective P.W.B. upward.

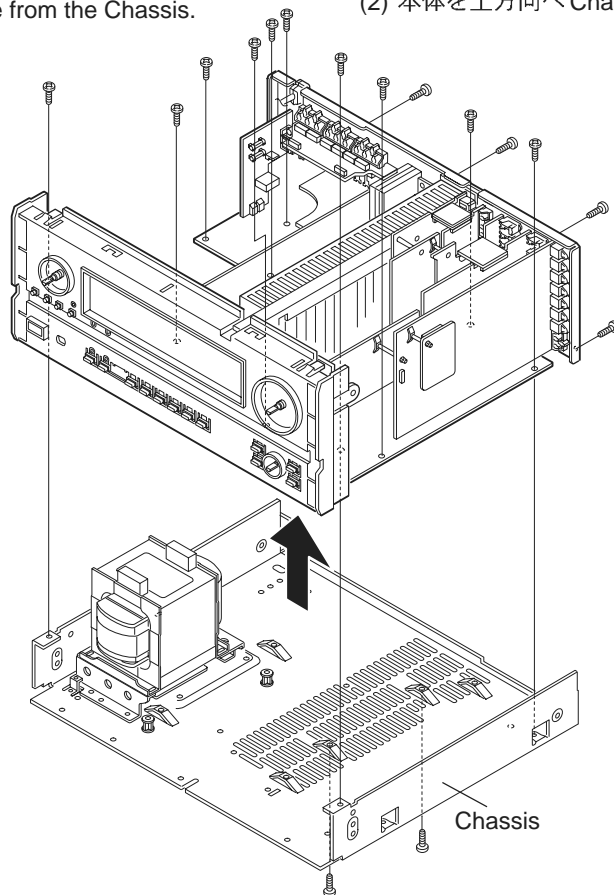


7. Component-Video/S-Video / C-video / Audio in / Ext-in VR / Digital/Remote I/O

- (1) ねじ 61 本をはずし、Rear Panel を取りはずします。
- (2) 目的の P.W.B. を上方向へ取りはずします。

8. How to Check Power / Control Unit with Power-on

- (1) Remove 17 screws fixing to the Chassis.
- (2) Pull up the Unit to separate from the Chassis.



8. Powr/Control Unit の通電時チェック方法

- (1) 本体を Chassis へ取り付けられているねじ 17 本をはずします。
- (2) 本体を上方向へ Chassis から分離させます。

CAUTION IN SERVICING

● Initializing AV SURROUND RECEIVER

AV SURROUND RECEIVER initialization should be performed when the μ com, peripheral parts of μ com, and DSP P.W.B. are replaced.

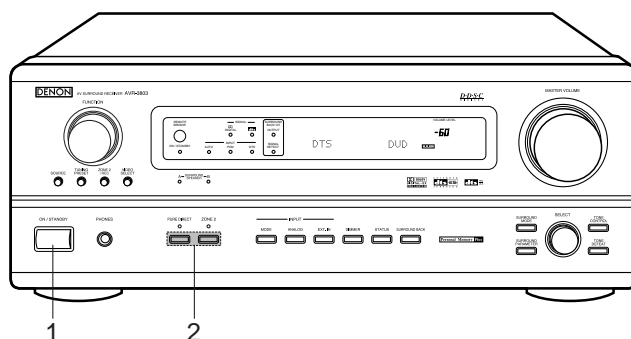
1. Switch off the unit and remove the AC cord from the wall outlet.
2. Hold the following PURE DIRECT button and ZONE 2 button, and plug the AC cord into the outlet.
3. Check that the entire display is flashing with an interval of about 1 second, and release your fingers from the 2 buttons and the microprocessor will be initialized.

サービス時の注意事項

● AV サラウンドアンプの初期化について

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

1. 電源ボタンを押してスタンバイ状態にしてから、壁の電源コンセントから電源コードを抜きます。
2. PURE DIRECT ボタンと VIDEO OFF ボタンを同時に押しながら、電源プラグをコンセントに差し込みます。
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。



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.

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。

ADJUSTMENT

Audio Section




Idling Current (1U-3469-1)

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, VR201, VR301, VR302, VR401, VR402, on 1U-3469-1 (Power Unit) at fully counterclockwise ().
- (2) Connect DC Voltmeter to test points (FRONT-Lch: TP301 ① ② pin, FRONT-Rch: TP101 ⑤ ⑥ pin, CENTER ch: TP301 ③ ④ pin, SURROUND-Lch: TP101 ③ ④ pin, SURROUND-Rch: TP101 ① ② pin, SURROUND BACK-Lch: TP301 ⑦ ⑧ pin, SURROUND BACK-Rch: TP301 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-3469-1)

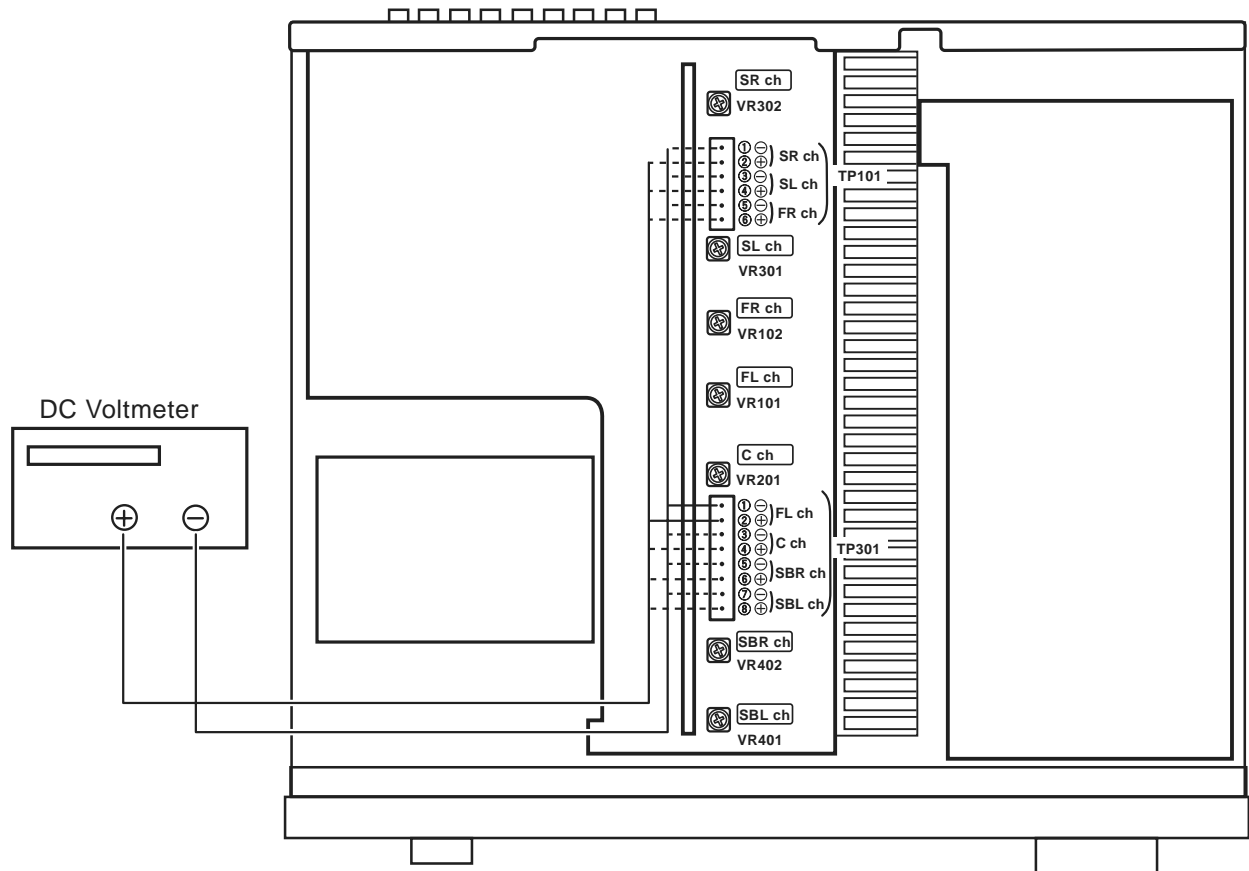
調整に必要な測定器: DC Voltmeter

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℃、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-3469-1 (パワーユニット) の VR101, VR102, VR201, VR301, VR302, VR401, VR402 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: TP301 ① ② pin, FRONT-Rch: TP101 ⑤ ⑥ pin, CENTER ch: TP301 ③ ④ pin, SURROUND-Lch: TP101 ③ ④ pin, SURROUND-Rch: TP101 ① ② pin, SURROUND BACK-Lch: TP301 ⑦ ⑧ pin, SURROUND BACK-Rch: TP301 ⑤ ⑥ pin) に DC Voltmeter を接続します。
- (3) 電源コードを AC100V (95 ~ 105V の範囲でも可) 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、最小の状態にする。
 - 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。
6.5mV ±0.5mV DC
- (6) 予備調整から 10 分後 VR101 を回し、次のように電圧を設定します。
8mV ±0.5mV DC
- (7) 同じ方法で各チャ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。
8mV ±0.5mV DC
- (9) 同じ方法で各チャネルの可変抵抗を調整します。



Audio Section

Video Section

Component Video Level Adjustment

Required measurement equipment etc: Oscilloscope, DVD VIDEO PLAYER (ex: DVD-1500)

Test Disc: DVD T-S01

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) Playback the color-bar 75% of the Test Disc (Title 12) using the DVD Video Player, and check that Y and C levels of the S terminal output are within the specified output levels.
If they are out of the specified levels, adjust with the variable resistor inside of the unit.
- (3) Presetting

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

Adjustment

- (1) Remove top cover and set VR101, VR102, VR103 on 1U-3475-1 (Convert Unit) at fully counterclockwise (⊖).
- (2) Connect a pin-plug terminated with 75-ohms to Y(Cb, Cr) of the Component Video Monitor Output, and hook up the Oscilloscope's probe to both ends of the pin-plug.
- (3) Connect S terminal output of the DVD Player with the DVD input terminal of the Receiver.
- (4) Connect power cord to AC Line, and turn power switch "ON".
- (5) Presetting

● FUNCTION:	DVD
● Playback the color-bar 75% of the Test Disc (Title 12)	
- (6) Turn VR101 clockwise (⊕) to adjust the COMPONENT VideoY voltage (except H.Sync) to 714 ±50 mVp-p. (Refer to Fig.1)
- (7) Adjust the Variable Resistors of Cb: VR102 and Cr: VR103 in the same way. (Refer to Fig. 2, 3)

Cb,Cr: 486±50 mVp-p. (U.S.A. & Canada model)
525±50 mVp-p. (Others)

ビデオセクション

コンポーネントビデオレベルの調整

調整に必要な測定器: Oscilloscope, DVD VIDEO PLAYER
(例: DVD-1500)

テストディスク: DVD T-S01

準備

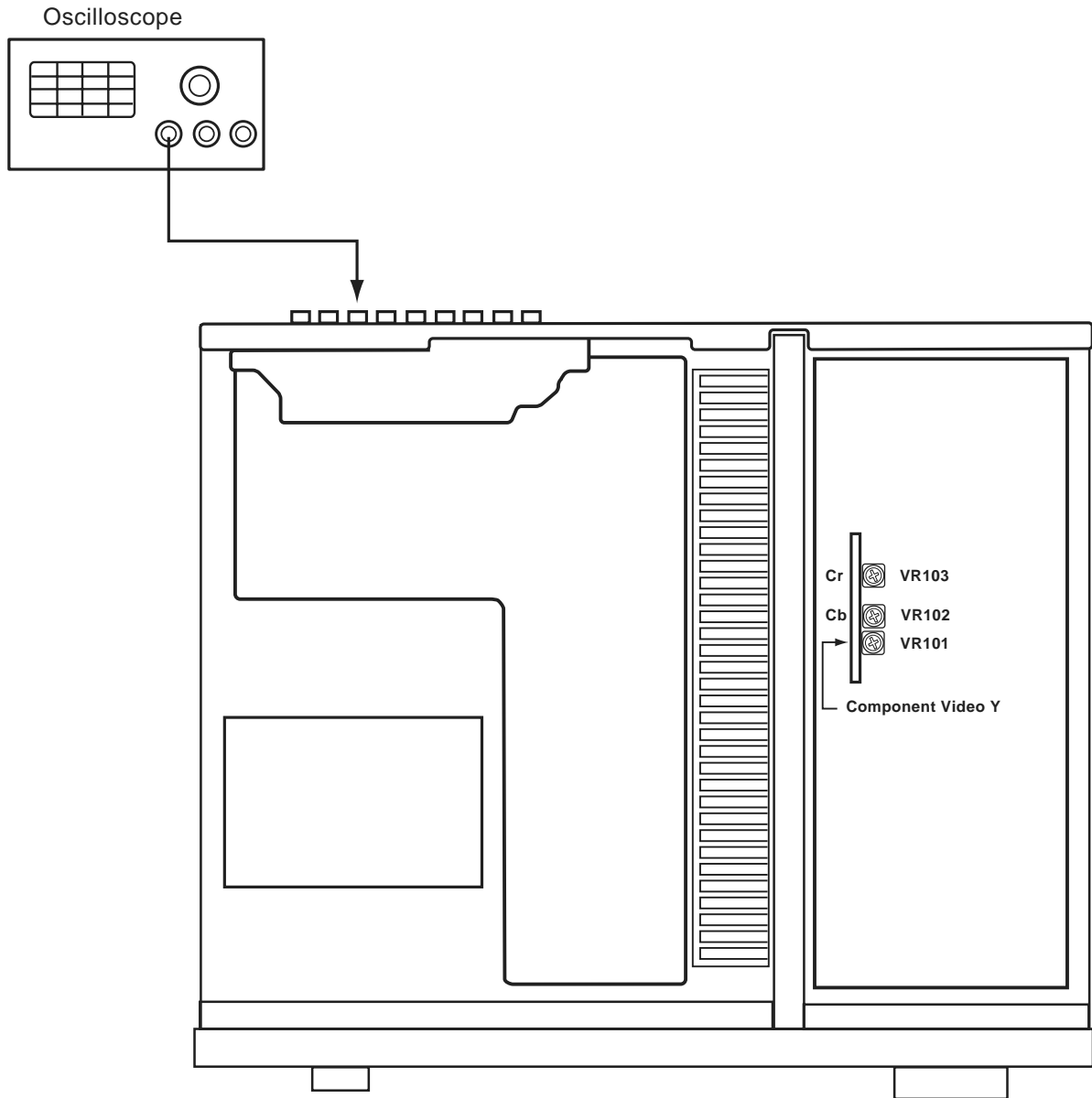
- (1) セットをクーラ、扇風機のそばなど風通しの良い場所を避け、通常の使用状態に置きます。セットの周囲温度は 15 ~ 30°C、湿度は常湿とします。
- (2) DVD VIDEO PLAYER でテストディスクのカラーバー 75%(Title12)を再生し、S 端子出力 Y、C レベルが正規の出力レベルであることを確認する。正規の出力レベルではない場合は、セット内部の可変抵抗器で調整してください。
- (3) プリセット

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

調整

- (1) 上カバーをはずし、1U-3475-1 (コンバートユニット) の VR101, VR102, VR103 を反時計方向 (⊖) に回し切った状態にセットします。
- (2) コンポーネントビデオモニターアウトの Y(Cb, Cr) に 75 Ω で終端したピンプラグをを接続し、その両端を Oscilloscope のプローブでつまみます。
- (3) DVD VIDEO PLAYER の S 端子出力を本機の DVD 入力端子に接続します。
- (4) 電源コードを電源コンセントに接続し、電源スイッチを "ON" にします。
- (5) ON 後、次のようにセットします。

● 本機の FUNCTION を DVD にする。
● テスクディスクのカラーバー 75%(Title12)を再生する。
- (6) VR101 を時計方向 (⊕) に回しコンポーネントビデオ Y(H.Sync を除く)の電圧を調整します。(Fig.1 参照)
714mV ±50mVp-p
- (7) 同じ方法で Cb: VR102、Cr: VR103 の可変抵抗器を調整します。(Fig.2、3 参照)
Cb,Cr: 525±50 mVp-p.



Video Section

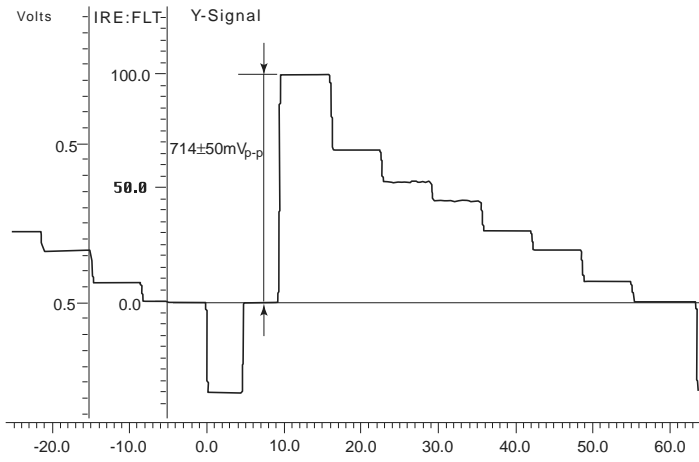


Fig.1 Component Video Y signal

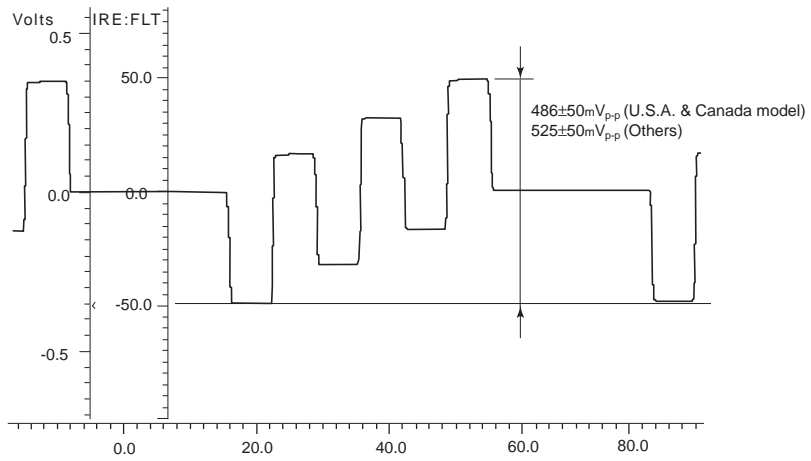


Fig.2 Cb signal

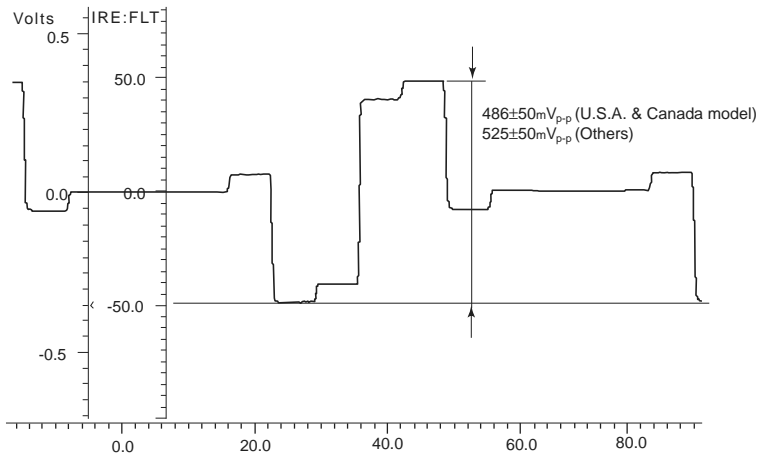
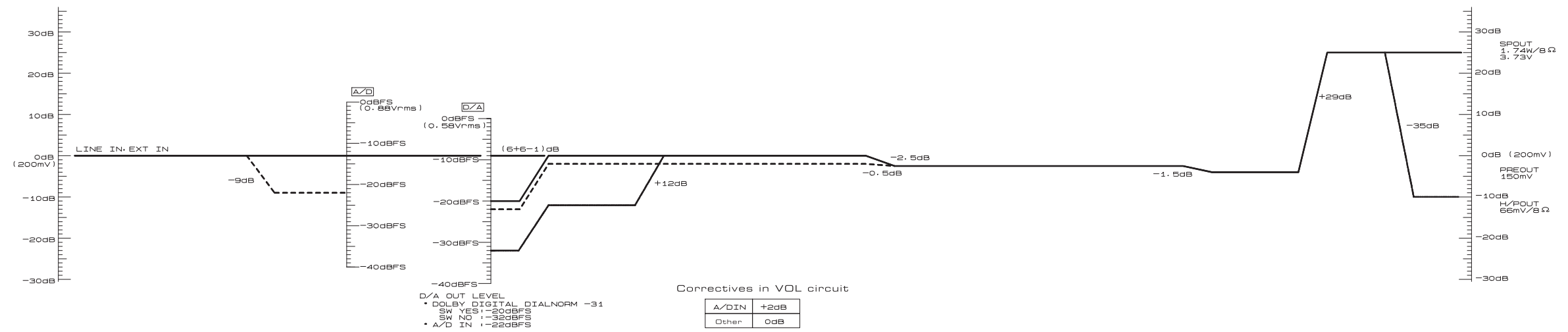
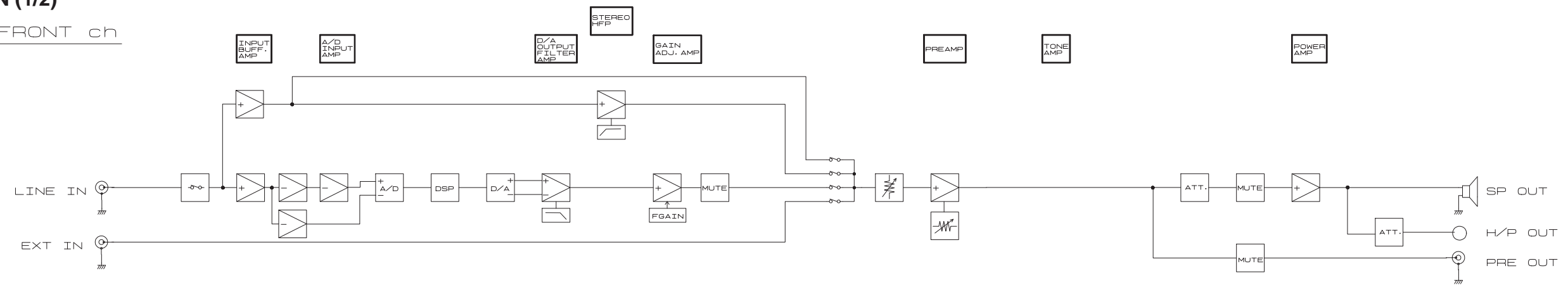


Fig.3 Cr signal

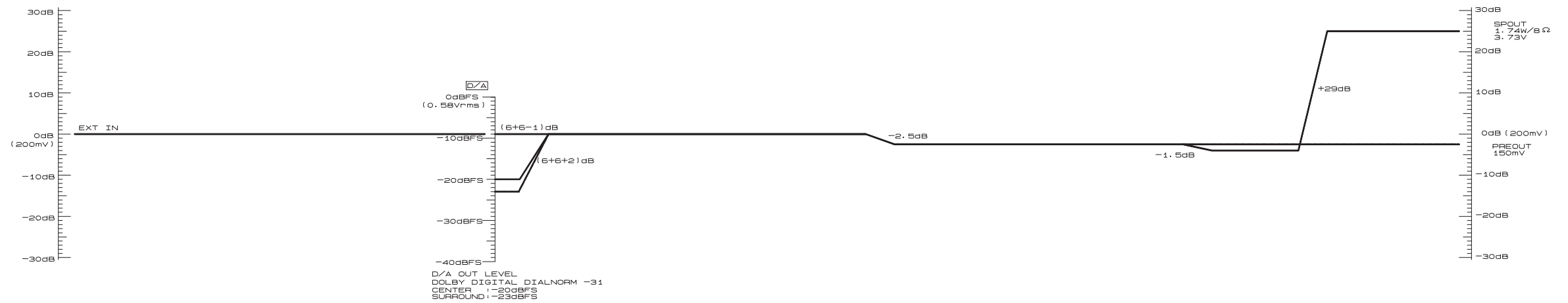
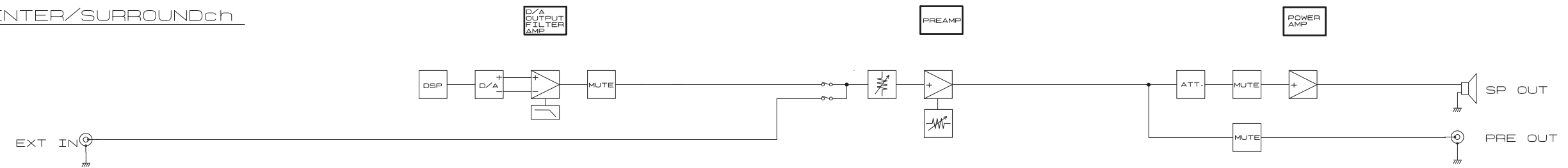
LEVEL DIAGRAMS (1/5)

AUDIO SECTION (1/2)

FRONT ch



CENTER/SURROUNDch

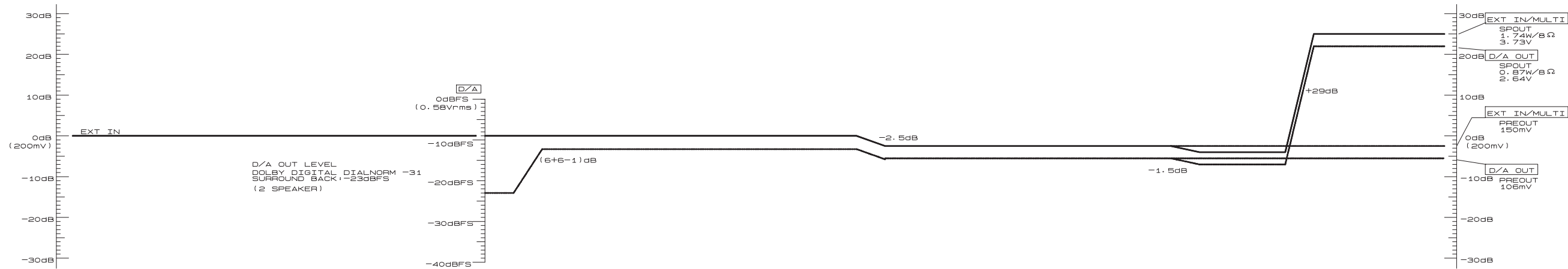
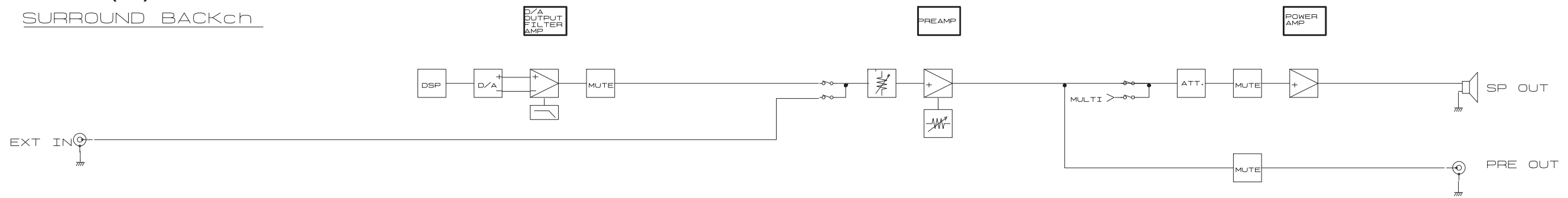


A
B
C
D
E

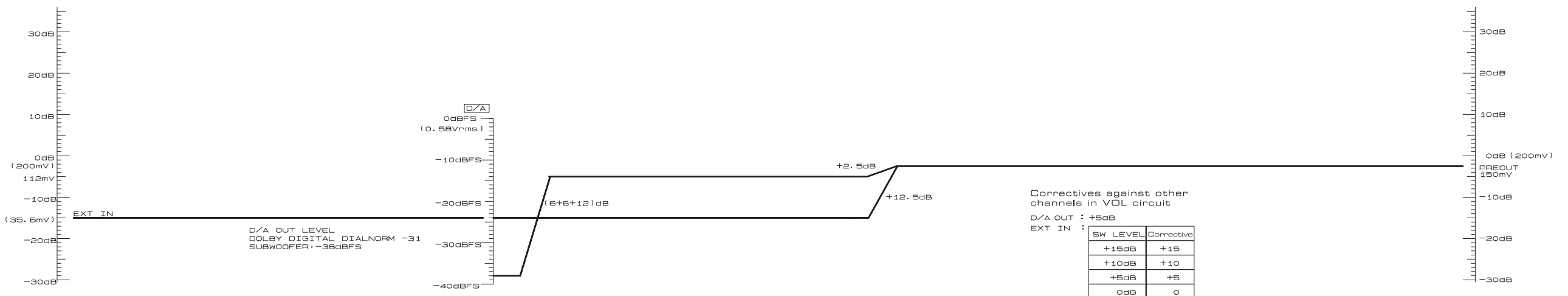
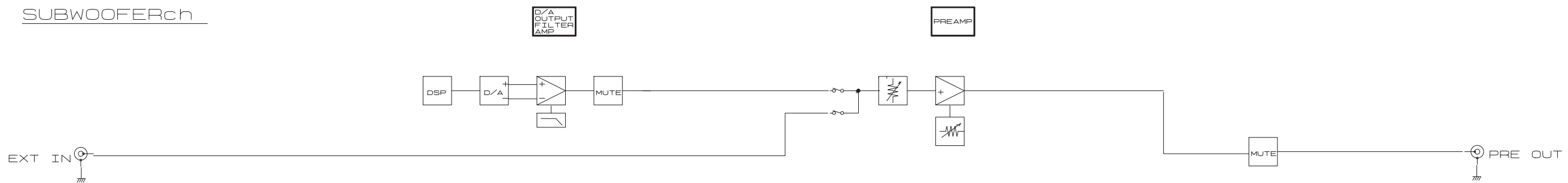
LEVEL DIAGRAMS (2/5)

AUDIO SECTION (2/2)

SURROUND BACKch



SUBWOOFERch



A

B

C

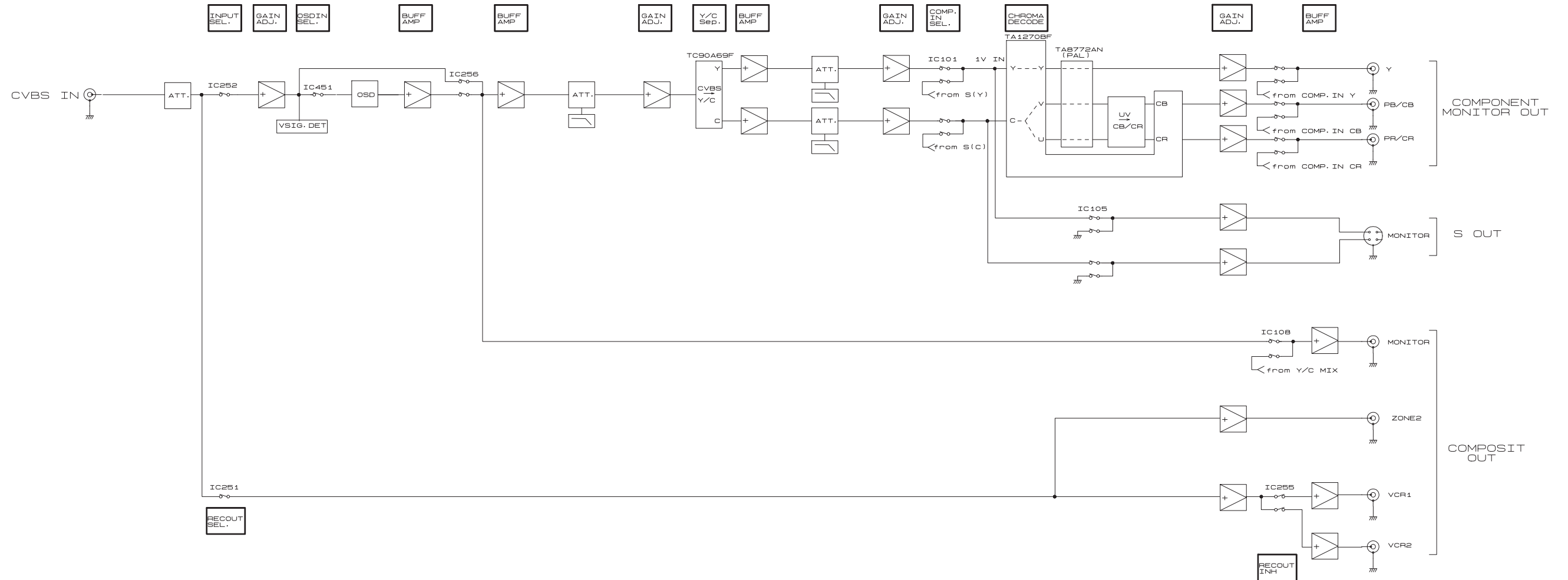
D

E

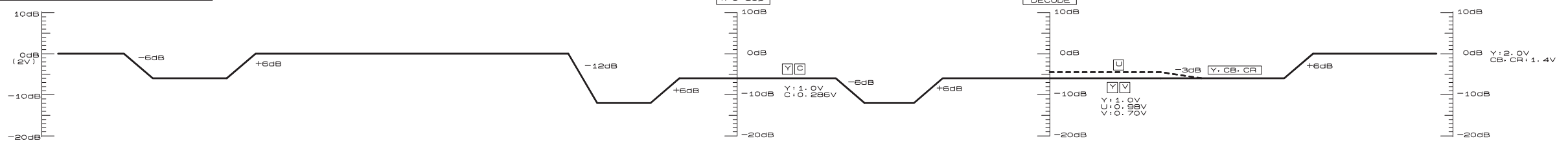
LEVEL DIAGRAMS (3/5)

VIDEO SECTION (1/3)

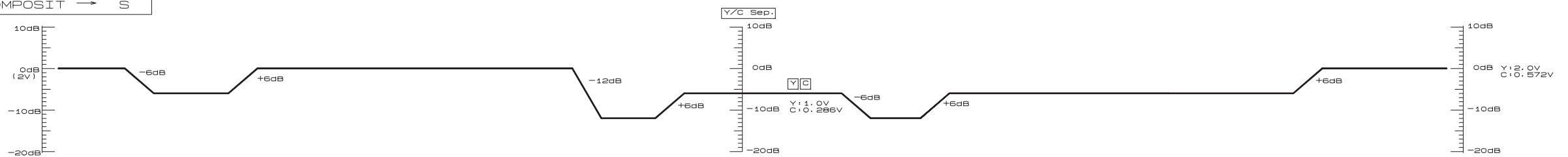
COMPOSIT VIDEO



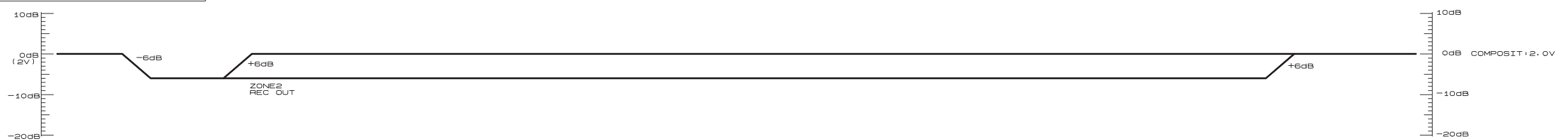
COMPOSIT → COMPONENT



COMPOSIT → S



COMPOSIT → COMPOSIT

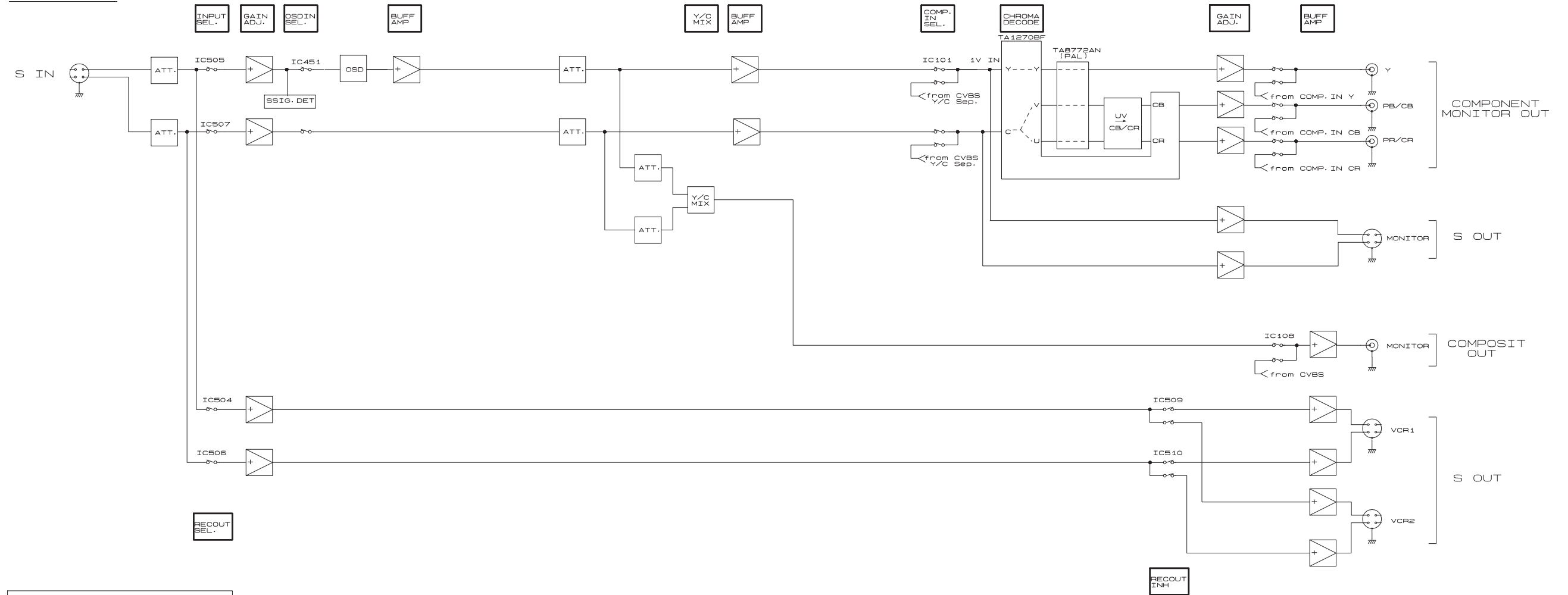


A
B
C
D
E

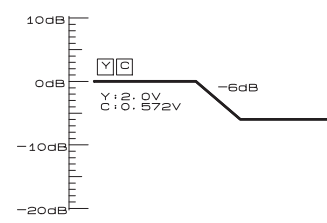
LEVEL DIAGRAMS (4/5)

VIDEO SECTION (2/3)

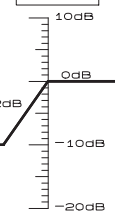
S VIDEO



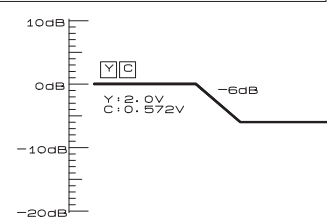
S → COMPOSIT



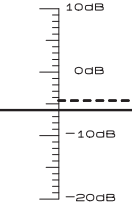
Y/C MIX



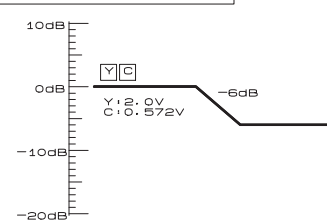
S → COMPONENT



CHROMA DECODE



S → S

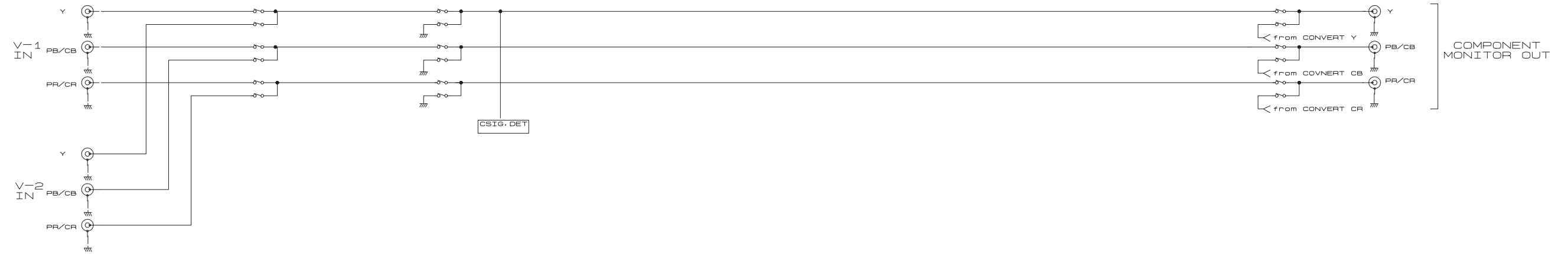


A
B
C
D
E

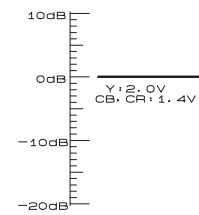
LEVEL DIAGRAMS (5/5)

1 2 3 4 5 6 7 8
VIDEO SECTION (3/3)

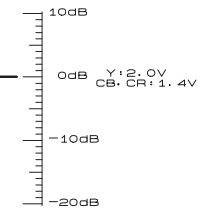
COMPONENT VIDEO



COMPONENT → COMPONENT



Y: 2.0V
CB, CR: 1.4V

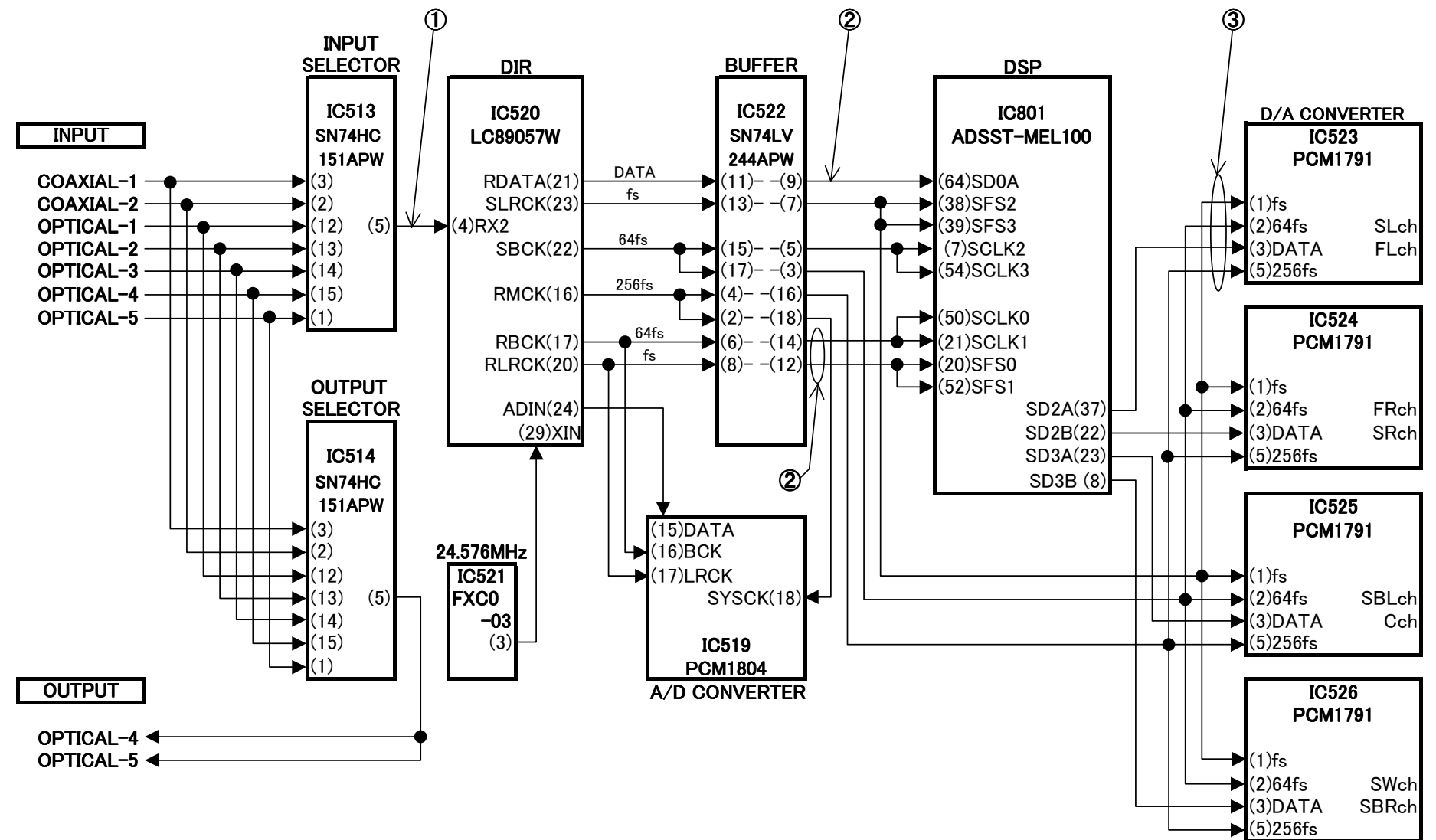
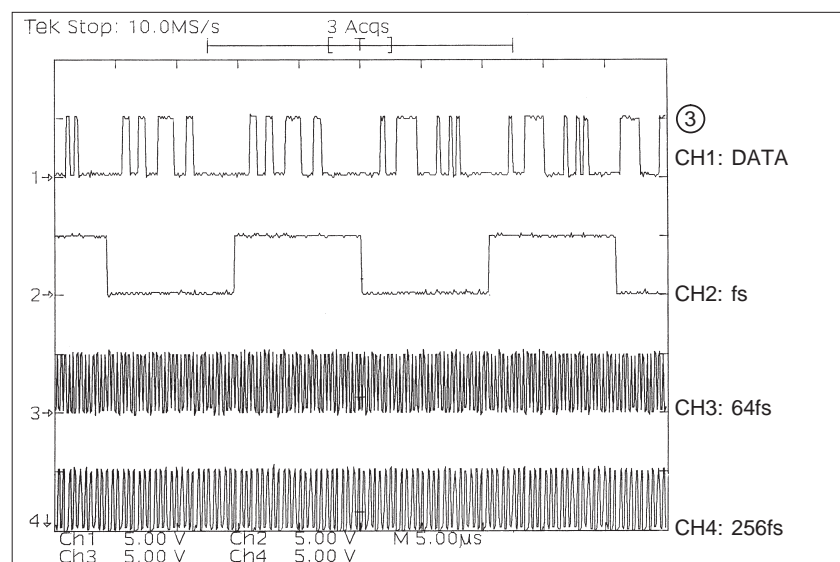
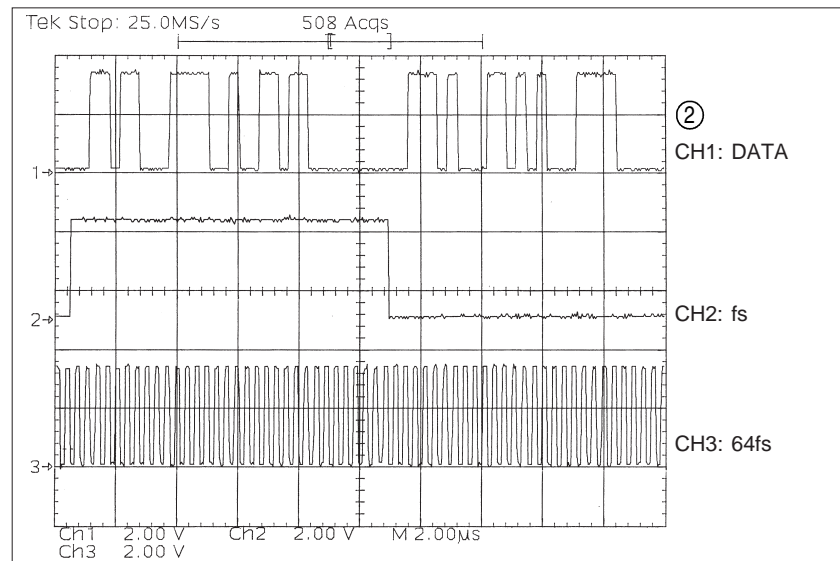
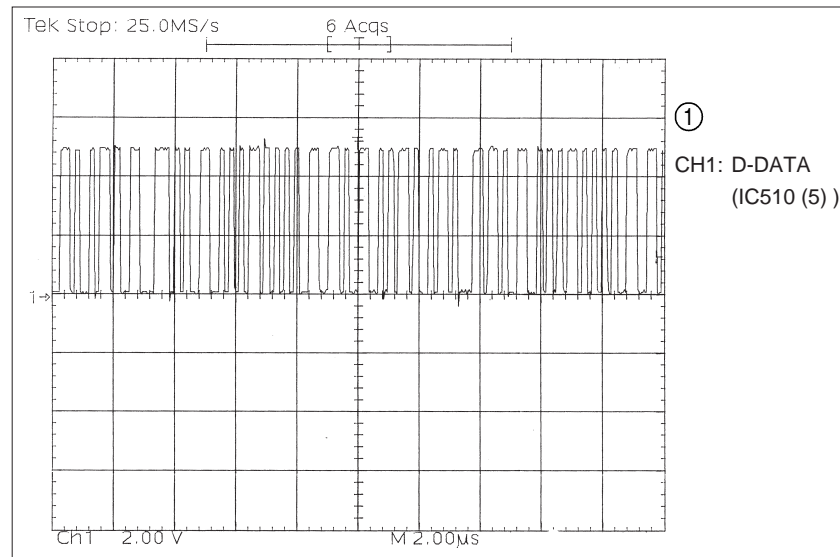


Y: 2.0V
CB, CR: 1.4V

A
B
C
D
E

CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

Wave form



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, "DIMMER (S11)" and "SURROUND BACK (S14)", plug the AC cord to the wall outlet.

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

2. Display Order

Error 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 ①②③④.

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

テストモードによるチェック方法

マイコン・DSPエラー表示モード

1. 動作仕様

マイコンバージョン表示モード:

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

起動方法(マイコンバージョン表示と同様):

"DIMMER"(S11), "SURROUND BACK"(S14)の2つのボタンを押した状態で、ACコードを差し込みます。

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→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、①②③④。

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

SEMICONDUCTORS

Only major IC's are shown, general IC's etc. are omitted to list.
 主な半導体を記載しています。汎用の半導体等は記載を省略しています。

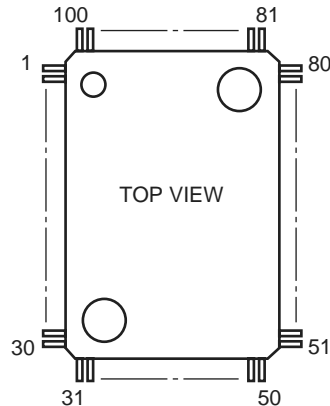
● IC's

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。

PO: Power P.W.B.	AD: Audio/Digital P.W.B.
CV: Connect/Video P.W.B.	DS: DSP P.W.B.
CO: Control P.W.B.	VI: Video P.W.B.
AC: Amp Connect P.W.B.	MA: Main Sub Ass'y

M30624MGA (CO: IC506)



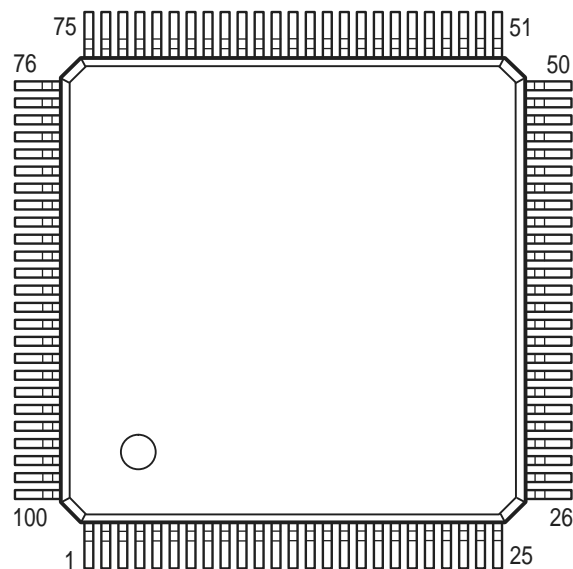
M30624MGA Terminal Function

Pin No.	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	STBY	Stop	Function
1	P96/SOUT4	PLRDS DATA	O	C	—	—	—	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)
2	P95/CLK4	PLRDS CLK	O	C	—	—	—	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)
3	P94/TB4	PLL STB	O	C	—	—	—	Z	O/L	O/L	PLL control pin (LC72131)
4	P93/TB3	OSD RST	O	C	—	—	—	Z	O/L	O/L	OSD control pin (M35015)
5	P92/SOUT3	OSD DATA	O	C	—	—	—	Z	O/L	O/L	OSD control pin (M35015)
6	P91/SIN3	OSD STB	O	C	—	—	—	Z	O/L	O/L	OSD control pin (M35015)
7	P90/CLK3	OSD CLK	O	C	—	—	—	Z	O/L	O/L	OSD control pin (M35015)
8	BYTE	BYTE	—	—	—	—	—	—	—	—	GND (Ext. data bus bit width switching, 16bit: L)
9	CNVCS	CNVSS	—	—	—	—	—	—	—	—	Single-chip/Micro-processor mode switching (Normal single-chip: L, Rewrite boot program start: H input set)
10	P87	ISEL B	I	—	Lv	—	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)
11	P86	ISEL A	I	—	Lv	—	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)
12	RESET	<u>RESET</u>	I	—	Lv	—	Eu	L	I	I	Reset input
13	XOUT	X1	O	—	—	—	—	—	—	—	Oscillator connection
14	Vss	VSS	—	—	—	—	—	—	—	—	GND
15	XIN	X2	I	—	—	—	—	—	I	I	Oscillator connection
16	Vcc	VCC	—	—	—	—	—	—	—	—	+5V
17	P85/NMI	<u>NMI</u>	I	—	—	—	—	—	—	—	Not used (Fixed to H)
18	P84/INT2	<u>B. DOWN</u>	I	—	E↓&L	—	Eu	Z	I	I	Power down detect (Power down: L)
19	P83/INT1	<u>PROTECT</u>	I	—	E↓&L	—	Ed	Z	I	I	Protection detect input (Detected: L)
20	P82/INT0	REMOCON	I	—	E↑&L	—	—	Z	I	I	Remote control signal input
21	P81	VSEL A	I	—	Lv	—	Eu	Z	I	O/L	Master VR rotation detect input (Rotary encoder)

Pin No.	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	STBY	Stop	Function
22	P80	VSEL B	I	—	Lv	—	Eu	Z	I	O/L	Master VR rotation detect input (Rotary encoder)
23	P77	FUNC STB1	O	C	—	—	—	Z	O/L	O/L	STB output for function switching control (L-ch INPUT&REC/M-ZONE side, EXT IN)
24	P76	FUNC CLK	O	C	—	—	—	Z	O/L	O/L	CLK output for function switching control
25	P75	FUNC DATA	O	C	—	—	—	Z	O/L	O/L	DATA output for function switching control
26	P74	FUNC STB2	O	C	—	—	—	Z	O/L	O/L	STB output for function switching control (R-ch INPUT&REC/M-ZONE)
27	P73/CTS2	FL DATA	O	C	—	—	—	Z	O/L	O/L	FL tube control pin (LC75721E)
28	P72/CLK2	FL CLK	O	C	—	—	—	Z	O/L	O/L	FL tube control pin (LC75721E)
29	P71/RXD2	H/P DET	I	—	—	—	—	Z	O/L	O/L	H/P detect input (Detected: H)
30	P70/TXD2	TUNER POWER	O	N	—	—	Eu	Z	O/L	O/L	TUNER power on/off switching (H: ON)
31	P67/TXD1	TxD	O	C	—	—	—	Z	O/L	O/L	Data transfer pin to outside
32	P66/RXD1	RxD	I	—	Lv	—	—	Z	I	I	Data receive pin from outside
33	P65/CLK1	RESET2	O	C	—	—	Ed	Z	O/L	O/L	SUB- μ com reset output
34	P64/CTS1	ACK	O	C	—	—	Ed	Z	O/L	O/L	MAIN-SUB μ com comm. control pin
35	P63/TXD0	MOSI	O	C	—	—	Ed	Z	O/L	O/L	MAIN-SUB μ com comm. control pin
36	P62/RXD0	MISO	I	—	Lv	—	Ed	Z	I	I	MAIN-SUB μ com comm. control pin
37	P61/CLK0	Not Used (CLK)	O	C	—	—	—	Z	O/L	O/L	Not used
38	P60/CTS0	E.VOL STB	O	C	—	—	—	Z	O/L	O/L	E-VR control output (TC94A32F)
39	P57	E.VOL CLK	O	C	—	—	—	Z	O/L	O/L	E-VR control output (TC94A32F, TC9459)
40	P56	E.VOL DATA	O	C	—	—	—	Z	O/L	O/L	E-VR control output (TC94A32F, TC9459)
41	P55/EPM	FRASH EPM	I	—	Lv	—	—	Z	I	I	Rewrite boot program start: L input set
42	P54	VSDA	I/O	C	—	—	—	Z	I	O/L	VIDEO IC (Chroma decoder, 3D Y/C) control pin
43	P53	VSCL	I/O	C	—	—	—	Z	I	O/L	VIDEO IC (Chroma decoder, 3D Y/C) control pin
44	P52	FL RST	O	C	—	—	Ed	Z	O/L	O/L	FL tube control pin (LC75721E)
45	P51	FL CE	O	C	—	—	—	Z	O/L	O/L	FL tube control pin (LC75721E)
46	P50/CE	FRASH CE	I	—	—	—	—	Z	I	I	Rewrite boot program start: H input set
47	P47	V.EXP CLK	O	C	—	—	—	Z	O/L	O/L	CLK output for video switching expander control (BU4094B)
48	P46	V.EXP DATA	O	C	—	—	—	Z	O/L	O/L	DATA output for video switching expander control (BU4094B)
49	P45	V.EXP OE	O	C	—	—	Ed	Z	O/L	O/L	OE output for video switching expander control (BU4094B)
50	P44	V.EXP STB	O	C	—	—	—	Z	O/L	O/L	STB output for video switching expander control (BU4094B)
51	P43	H/P RELAY	O	C	—	—	—	Z	O/L	O/L	H/P relay control (H: ON)
52	P42	S BACK RELAY	O	C	—	—	—	Z	O/L	O/L	Relay control for SURROUND BACK SP
53	P41	SA-RELAY	O	C	—	—	—	Z	O/L	O/L	Relay control for SURROUND A SP
54	P40	SB-RELAY	O	C	—	—	—	Z	O/L	O/L	Relay control for SURROUND B SP
55	P37	C-RELAY	O	C	—	—	—	Z	O/L	O/L	Relay control for CENTER SP
56	P36	F-RELAY	O	C	—	—	—	Z	O/L	O/L	Relay control for FRONT SP
57	P35	PRE F MUTE	O	C	—	—	—	Z	O/L	O/L	FRONT PREOUT output muting control, L: Muting
58	P34	PRE C MUTE	O	C	—	—	—	Z	O/L	O/L	CENTER PREOUT output muting control, L: Muting
59	P33	PRE S MUTE	O	C	—	—	—	Z	O/L	O/L	SURROUND PREOUT output muting control, L: Muting
60	P32	PRE SB MUTE	O	C	—	—	—	Z	O/L	O/L	SURROUND BACK PREOUT output muting control, L: Muting
61	P31	SUB WOOFER MUTE	O	C	—	—	—	Z	O/L	O/L	SUB WOOFER PREOUT output muting control, L: Muting
62	Vcc	VCC	—	—	—	—	—	—	—	—	+5V
63	P30	MULTI MUTE	O	C	—	—	—	Z	O/L	O/L	Pin-jack output muting control of MULTI, L: Muting
64	Vss	VSS	—	—	—	—	—	—	—	—	GND
65	P27	VOL MUTE	O	C	—	—	—	Z	O/L	O/L	POWER AMP input muting control, L: Muting
66	P26	S.BACK VOL MUTE	O	C	—	—	—	Z	O/L	O/L	SURROUND BACK POWER AMP input muting control, L: Muting
67	P25	TUNER MUTE	O	C	—	—	—	Z	O/L	O/L	TUNER muting control

Pin No.	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	STBY	Stop	Function
68	P24	LED CLK	O	C	—	—	—	Z	O/L	O/L	LED control pin (BU2090F)
69	P23	LED DATA	O	C	—	—	—	Z	O/L	O/L	LED control pin (BU2090F)
70	P22	S MONI. DET	I	—	Lv	—	Eu	Z	I	O/L	S-monitor connection detect input (L: Connected)
71	P21	S SIG. DET	I	—	Lv	—	Eu	Z	I	O/L	S-signal detect input (H: S-signal inputted)
72	P20	SYNC. DET	I	—	Lv	—	Eu	Z	I	I	Sync. detect input (H: Ext. synchronized)
73	P17/INT5	RDS DATAOUT	I	—	E↓&L	—	—	—	I	O/L	RDS data input (LC72720)
74	P16/INT4	REQ	I	—	E↓&L	—	Ed	Z	I	I	MAIN-SUB μ com comm. control pin
75	P15/INT3	POWER KEY	I	—	E↓&L	—	—	—	I	O/L	Interrupt port for WAIT mode cancel
76	P14/D12	RSPower	O	C	—	—	Ed	Z	O/H	O/L	Same logic as POWER port, when STANDBY mode: H
77	P13/D11	RECINHA	O	C	—	—	—	Z	O/L	O/L	When RECOUT select is VCR1 or VIDEO other than VCR system: H
78	P12/D10	SSEL B	I	—	Lv	—	Eu	Z	O/L	O/L	Select encoder rotation detect input (Rotary encoder)
79	P11/D9	SSEL A	I	—	Lv	—	Eu	Z	O/L	O/L	Select encoder rotation detect input (Rotary encoder)
80	P10/D8	A+B LIMIT	O	C	—	—	—	Z	O/L	O/L	SRROUND AMP current limiter control, when SURROUND SP A+B: H
81	P07/D7	VSIGDET	I	—	—	—	—	Z	O/L	O/L	VIDEO signal detect port
82	P06/D6	COMP SIGDET	I	—	—	—	—	Z	O/L	O/L	COMPONENT signal detect port
83	P05/D5	VIDEO POWER	O	C	—	—	—	Z	O/L	O/L	VIDEO power on/off switching (H: ON)
84	P04/D4	12V TRIGER	O	C	—	—	—	Z	O/L	O/L	Same logic as POWER port, when MAIN ZONE OFF mode: L
85	P03/D3	E.VOL STB.MULTI	O	C	—	—	—	Z	O/L	O/L	E-VR control output (TC9459N)
86	P02/D2	RECINHB	O	C	—	—	—	Z	O/L	O/L	When RECOUT select is VCR1 or VCR2: H
87	P01/D1	POWER	O	C	—	—	Ed	Z	O/L	O/L	Power relay control output (H: ON)
88	P00/D0	STANDBY	O	C	—	—	Eu	Z	O/L	O/L	Standby LED drive output (H: Lighted)
89	P107/AN7	KEY1	I	—	Lv	—	Eu	Z	O/L	O/L	Button input 1
90	P106/AN6	KEY2	I	—	Lv	—	Eu	Z	O/L	O/L	Button input 2
91	P105/AN5	KEY3	I	—	Lv	—	Eu	Z	O/L	O/L	Button input 3
92	P104/AN4	STEREO	I	—	Lv	—	Eu	Z	I	O/L	When TUNER FM stereo receive: L
93	P103/AN3	TUNED	I	—	Lv	—	Eu	Z	I	O/L	TUNER tuned detect (L: Tuned)
94	P102/AN2	RDS CE	O	C	—	—	—	Z	O/L	O/L	RDS data output (LC72720)
95	P101/AN1	RDS RESET	O	C	—	—	—	Z	O/L	O/L	RDS reset output (LC72720)
96	AVss	AVSS	—	—	—	—	—	—	—	—	AD GND
97	P100/AN0	MODE	I	—	Lv	—	—	Z	O/L	O/L	Destination switching input
98	VREF	VREF	—	—	—	—	—	—	—	—	AD ref. +5V
99	AVCC	AVCC	—	—	—	—	—	—	—	—	AD +5V
100	P97/SIN4	PLL DATAOUT	I	—	Lv	—	—	Z	I	O/L	PLL serial data input pin (LC72131)

TMP91CW12AF (AD: IC806)



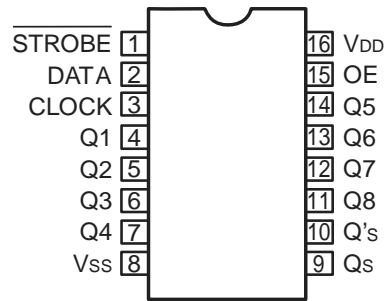
TMP91CW12AF Terminal Function

Pin No.	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	Function
1	VREFL	VREFL	I	—	—	—	—	—	AD Ref. V GND
2	AVSS	AVSS	—	—	—	—	—	—	AD GND
3	AVCC	AVCC	—	—	—	—	—	—	+3V
4	P70/TA0IN	DIGITAL POWER	O	C	—	—	Ed	Z	Digital power on/off switching (H: ON)
5	P71/TA1OUT	FGAIN	O	C	—	—	Ed	Z	IV AMP gain control output (Sub-woofer on: L)
6	P72/TA3OUT	DRECA	O	C	—	—	—	Z	Digital RECOU T switching
7	P73/TA4IN	DRECB	O	C	—	—	—	Z	Digital RECOU T switching
8	P74/TA5OUT	u SELCK	O	C	—	—	—	Z	ADC/DIR data, clock switching control pin (L: ADC)
9	P75/TA7OUT	Not used	I	—	—	—	Ed	Z	Not used (GND)
10	P80/TB0IN0/INT5	$\overline{\text{INT}}1$	I	—	E↓&L	—	Eu	Z	DIR control pin (LC89057W-E)
11	P81/TB0IN1/INT6	Not used (u ERROR)	I	—	—	—	Ed	Z	Not used (GND)
12	P82/TB0OUT0	$\overline{\text{u ERR MUTE}}$	O	C	—	—	—	Z	Pop noise preventive mute control output (L: Mute)
13	P83/TB0OUT1	$\overline{\text{u BSE(AC3 MUTE)}}$	O	C	—	—	—	Z	Digital mute control output, when AC-3 or DTS decode enable: L
14	P84/TB1IN0/INT7	Not used	I	—	—	—	Ed	Z	Not used (GND)
15	P85/TB1IN1/INT8	Not used	I	—	—	—	Ed	Z	Not used (GND)
16	P86/TB1OUT0	Not used	I	—	—	—	Ed	Z	Not used (GND)
17	P87/TB1OUT1	Not used	I	—	—	—	Ed	Z	Not used (GND)
18	P90/TXD0	MISO	O	C	—	—	Ed	Z	MAIN-SUB μ com comm. control pin (Data output)
19	P91/RXD0	MOSI	I	—	—	—	Ed	Z	MAIN-SUB μ com comm. control pin (Data input)
20	P92/SCLK0/CTS0	Not used (CLK)	I	—	—	—	Ed	Z	Not used (MAIN-SUB μ com comm. control pin)
21	P93/TXD1	TxD	O	C	—	—	Ed	Z	Data transfer output to outside
22	P94/RXD1	$\overline{\text{RxD}}$	I	—	Lv	—	Ed	Z	Data receive input from outside
23	P95/SCLK1/CTS1	REQ	O	C	—	—	Ed	Z	MAIN-SUB μ com comm. control pin (Comm. request from SUB- μ com: L)

Pin No.	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	Function
24	AM0	AM0	I	—	—	—	—	—	Operation mode (Fixed to H)
25	DVcc	DVCC	—	—	—	—	—	—	+3V
26	X2	XOUT	O	—	—	—	—	—	Oscillator connection
27	DVss	DVSS	—	—	—	—	—	—	GND
28	X1	XIN	I	—	—	—	—	—	Oscillator connection
29	AM1	AM1	I	—	—	—	—	—	Operation mode (Fixed to H)
30	RESET	$\overline{\text{RESET}}$	I	—	Lv	—	Eu	L	Reset input
31	P96/XT1	$\overline{\text{ADC RESET}}$	O	N	—	—	Eu	Z	A/D control pin (Reset: L)
32	P97/XT2	OSR	O	N	—	—	Eu	Z	A/D control pin (PCM1804), 96kHz: H
33	EMU0	Not used	O	—	—	—	Ed	Z	Open
34	EMU1	Not used	O	—	—	—	Ed	Z	Open
35	PA0/INT1	Not used	I	—	—	—	Ed	Z	Not used (GND)
36	PA1/INT2	Not used	I	—	—	—	Ed	Z	Not used (GND)
37	PA2/INT3	Not used	I	—	—	—	Ed	Z	Not used (GND)
38	PA3/INT4	Not used	I	—	—	—	Ed	Z	Not used (GND)
39	PA4	Not used	I	—	—	—	Ed	Z	Not used (GND)
40	PA5	Not used	I	—	—	—	Ed	Z	Not used (GND)
41	PA6	Not used	I	—	—	—	Ed	Z	Not used (GND)
42	PA7	Not used	I	—	—	—	Ed	Z	Not used (GND)
43	ALE	ALE	O	C	—	—	—	Z	Open
44	P00/AD0	I/O1	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D16)
45	P01/AD1	I/O2	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D17)
46	P02/AD2	I/O3	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D18)
47	P03/AD3	I/O4	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D19)
48	P04/AD4	I/O5	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D20)
49	P05/AD05	I/O6	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D21)
50	P06/AD06	I/O7	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D22)
51	P07/AD07	I/O8	I/O	C	—	—	—	Z	DSP comm. pin (ADSST-MEL100:D23)
52	P10/AD8/A8	$\overline{\text{ROM_RST1}}$	O	C	—	—	Ed	Z	Memory reset for DSP (Reset: L)
53	P11/AD9/A9	$\overline{\text{DSP1_RS}}$	O	C	—	—	Ed	Z	DSP reset output pin (Reset: L)
54	P12/AD10/A10	$\overline{\text{DSP I/O POWER}}$	O	C	—	—	Eu	Z	Power on: L (10ms later on after digital power on)
55	P13/AD11/A11	$\overline{\text{DSP OSC ON}}$	O	C	—	—	—	Z	ON: H (20ms later on after digital power on)
56	P14/AD12/A12	$\overline{\text{IRQ1_B1(DSP_REQ1)}}$	O	C	—	—	—	Z	DSP (ADSST-MEL100:IRQ 1_) host I/F interrupt request output, REQ: L
57	P15/AD13/A13	DINA	O	C	—	—	—	Z	Digital input switching
58	P16/AD14/A14	DINB	O	C	—	—	—	Z	Digital input switching
59	P17/AD15/A15	DINC	O	C	—	—	—	Z	Digital input switching
60	P20/A0/A16	DACCS	O	C	—	—	—	Z	DAC control pin (PCM1791: Chip select)
61	P21/A1/A17	DACMDI	O	C	—	—	—	Z	DAC control pin (PCM1791)
62	DVSS	DVSS	—	—	—	—	—	—	GND
63	NMI	$\overline{\text{NMI}}$	I	—	—	—	—	—	Fixed to H
64	DVCC	DVCC	—	—	—	—	—	—	+3V
65	P22/A2/A18	DAC-RESET1	O	C	—	—	—	Z	DAC control pin (L: Power down mode, $\hat{\uparrow}$: Reset, H: Normal)
66	P23/A3/A19	DACMC	O	C	—	—	—	Z	DAC control pin (PCM1791)
67	P24/A4/A20	Not used	I	—	—	—	—	Z	Not used (GND)
68	P25/A5/A21	DRECC	O	C	—	—	—	Z	Digital RECOU T switching
69	P26/A6/A22	Not used	I	—	—	—	—	Z	Not used (GND)
70	P27/A7/A23	Not used	I	—	—	—	—	Z	Not used (GND)
71	P30/ $\overline{\text{RD}}$ /BOOT	$\overline{\text{BOOT}}$	I	—	—	—	Eu	Z	With "L" input set during reset, rewrite boot program start
72	P31/ $\overline{\text{WR}}$	FLAG 0A(WRITE1)	O	C	—	—	Eu	Z	DSP comm. control pin (DATA WRITE: H)
73	P32/ $\overline{\text{HWR}}$	DSP_BOOT	I	—	—	—	Eu	H(Iu)	DSP or SUB rewrite boot program (When DSP rewrite "L" input)
74	P33/ $\overline{\text{WAIT}}$	Not used	I	—	—	—	Ed	H(Iu)	Not used (GND)
75	P34/ $\overline{\text{BUSRQ}}$	Not used	I	—	—	—	Ed	H(Iu)	Not used (GND)
76	P35/ $\overline{\text{BUSAK}}$	Not used	I	—	—	—	Ed	H(Iu)	Not used (GND)

Pin No.	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	Function
77	P36/R/W	Not used	I	—	—	—	Ed	H(Iu)	Not used (GND)
78	P37	Not used	I	—	—	—	Ed	H(Iu)	Not used (GND)
79	P40/CS0	X'TALRST	O	C	—	—	—	H(Iu)	When clock oscillation stop for DIR: L
80	P41/CS1	DIR CE	O	C	—	—	—	H(Iu)	DIR control pin (LC89057W-E) chip enable output
81	P42/CS2	DIR_RST	O	C	—	—	Ed	H(Iu)	DIR control pin (LC89057W-E) reset: L
82	P43/CS3	Not used	I	—	—	—	Ed	H(Iu)	Not used (GND)
83	P60/SCK	DIR CLK	O	C	—	—	—	Z	DIR control pin (LC89057W-E) clock output
84	P61/SO/SDA	DIR DIN	O	C	—	—	Eu	Z	DIR control pin (LC89057W-E) data output
85	P62/SI/SCL	DIR DOUT	I	—	—	—	Eu	Z	DIR control input pin (LC89057W-E) data input
86	P63/INT0	<u>ACK</u>	I	—	E↓&L	—	Ed	Z	MAIN-SUB μ com comm. control input pin (Ack. "L" return from MAIN μ com)
87	P64/SCOUT	Not used	I	—	—	—	—	Z	Not used (GND)
88	P65	Not used	I	—	—	—	—	Z	Not used (GND)
89	DVcc	DVCC	—	—	—	—	—	—	+3V
90	P66	Not used	I	—	—	—	—	Z	Not used (GND)
91	DVss	DVSS	—	—	—	—	—	—	GND
92	P50/AN0	FLAG 1A(DSP_ACK1)	I	—	Lv	—	Eu	Z	DSP host I/F comm. response input (OK: L)
93	P51/AN1	FLAG 2A(BUSY1)	I	—	Lv	—	Eu	Z	DSP operation check flag (ADSST-MEL100:FLAG 2A) Normal: L
94	P52/AN2	FLAG 3A	I	—	Lv	—	Eu	Z	Special flag for ROM update (ADSST-MEL100:FLAG 3A)
95	P53/AN3/ADTRG	<u>B.DOWN</u>	I	—	Lv	—	Eu	Z	Power down detect (Power down: L)
96	P54/AN4	Not used	I	—	Lv	—	Ed	Z	Not used (GND)
97	P55/AN5	Not used	I	—	Lv	—	Ed	Z	Not used (GND)
98	P56/AN6	Not used	I	—	Lv	—	Ed	Z	Not used (GND)
99	P57/AN7	Not used	I	—	Lv	—	Ed	Z	Not used (GND)
100	VREFH	VREFH	I	—	—	—	—	—	AD ref. V input pin, +3V

BU4094BCF (VI: IC120, 503)



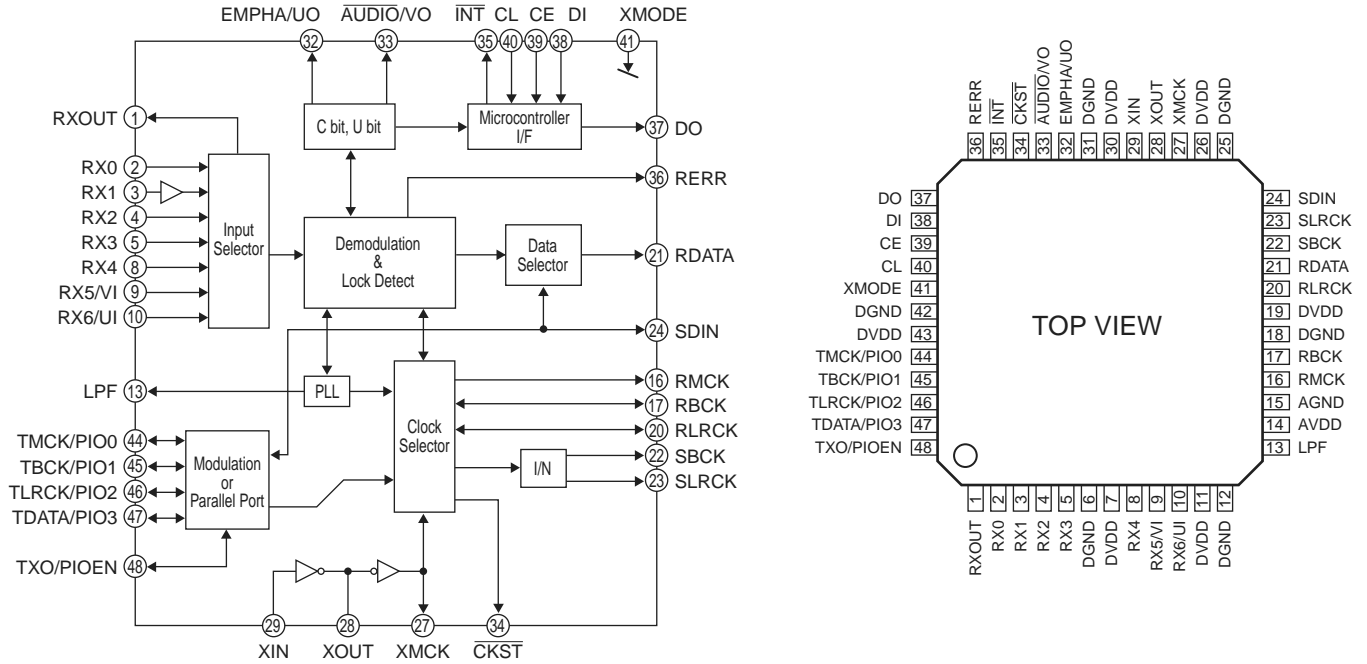
BU4094BCF Terminal Function

	Port	Symbol	Function
IC503	EXP1	A(RECA)	Video input switching (RECOU SELECT)
	EXP2	B(RECB)	Video input switching (RECOU SELECT)
	EXP3	C(RECC)	Video input switching (RECOU SELECT)
	EXP4	D(INA)	Video output switching (INPUT SELECT)
	EXP5	E(INB)	Video output switching (INPUT SELECT)
	EXP6	F(INC)	Video output switching (INPUT SELECT)
	EXP7	S1	Video output switching
	EXP8	S2	Video output switching
IC120	EXP9	VIN1	Component video output switching
	EXP10	VIN2	Component video output switching
	EXP11	VIN3	Component video output switching
	EXP12	VINUP	Switching control pin of component monitor output
	EXP13	Y/C SELA	Video output switching
	EXP14	SMUTE	Video output switching
	EXP15	VMONISELA	Video output switching
	EXP16	VMONISELB	Video output switching

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.
Type : Composition of port in case of output port.
Op : Pull up/Pull down selection information.
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.
STBY : State of port when STANDBY mode.
Stop : State of port when Stop mode.

"I" = Input port
"O" = Output port
"C" = CMOS output
"N" = NMOS open drain output
"P" = PMOS open drain output
"lu" = Inner microcomputer pull up
"ld" = Inner microcomputer pull down
"Eu" = External microcomputer pull up
"Ed" = External microcomputer pull down
"H" = Outputs High Level at reset
"L" = Outputs Low Level at reset
"Z" = Becomes High impedance mode at reset
"O/L" = Output port and "L"
"i" = Input port
"O/L" = Output port and "L"
"i" = Input port

LC89057W (AD: IC520)



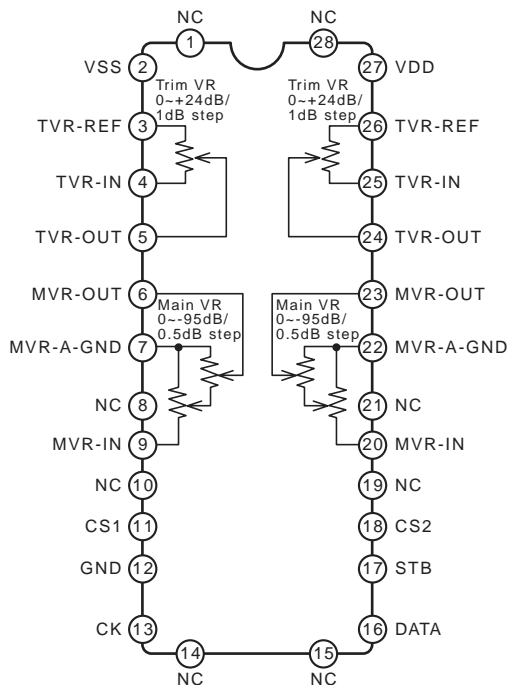
LC89057W Terminal Function

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	X'tal osc. connecting output terminal
29	XIN	I	X'tal 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 μ com (Interrupt factor selectable)/Modulation or general I/O switching terminal
36	RERR	O	PLL lock error, data error flag output
37	DO	O	μ com I/F, read out data output terminal (3-state)
38	DI	I	μ com I/F, write data input terminal
39	CE	I	μ com I/F, chip enable input terminal
40	CL	I	μ 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.

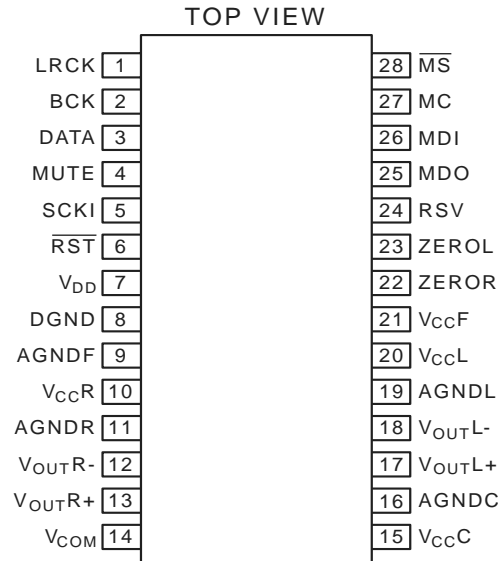
TC94A32FG (AD: IC371, 373, 376, 378)



TC94A32FG Terminal Function

Pin No.	Pin Name	Function																														
2	VSS																															
27	VDD																															
12	GND																															
3	L-TVR-REF	Trim volume circuit 																														
26	R-TVR-REF																															
4	L-TVR-IN																															
25	R-TVR-IN																															
5	L-TVR-OUT																															
24	R-TVR-OUT																															
6	L-MVR-OUT	Main volume circuit 																														
23	R-MVR-OUT																															
7	L-MVR-AGND																															
22	R-MVR-AGND																															
9	L-MVR-IN																															
20	R-MVR-IN																															
11	CS1	Chip select code switching input <table border="1"> <thead> <tr> <th>CS1</th> <th>CS2</th> <th colspan="4">Chip select code</th> </tr> </thead> <tbody> <tr><td>L</td><td>L</td><td>0</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>H</td><td>L</td><td>1</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>L</td><td>H</td><td>0</td><td>1</td><td>0</td><td>1</td></tr> <tr><td>H</td><td>H</td><td>1</td><td>1</td><td>0</td><td>1</td></tr> </tbody> </table>	CS1	CS2	Chip select code				L	L	0	0	0	1	H	L	1	0	0	1	L	H	0	1	0	1	H	H	1	1	0	1
CS1	CS2		Chip select code																													
L	L	0	0	0	1																											
H	L	1	0	0	1																											
L	H	0	1	0	1																											
H	H	1	1	0	1																											
18	CS2																															
13	CK	Clock input pin for data transfer																														
16	DATA	A-SW control data input pin																														
17	STB	Strobe input pin for data writing																														
1, 28, 8, 21, 10, 19, 14, 15	NC																															

PCM1791 (AD: IC523~526)

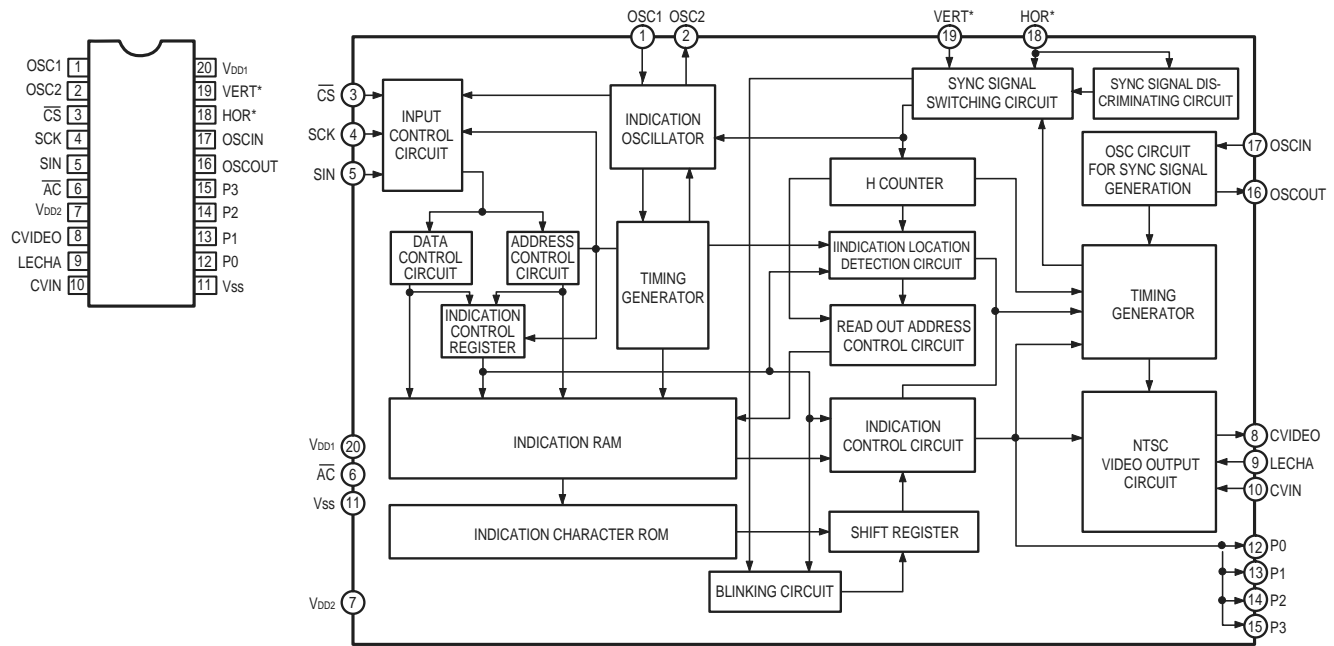


PCM1791 Terminal Function

Pin No.	Pin Name	I/O	DESCRIPTIONS
1	LRCK	I	Left and right clock (fs) 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	\overline{RST}	I	Reset*
7	V _{DD}	—	Digital power supply, +3.3 V
8	DGND	—	Digital ground
9	AGNDF	—	Analog ground (DACFF)
10	V _{CCR}	—	Analog power supply (R-channel DAC), +5.0 V
11	AGNDR	—	Analog ground (R-channel DAC)
12	V _{OUTR-}	O	R-channel analog voltage output-
13	V _{OUTR+}	O	R-channel analog voltage output+
14	V _{COM}	—	Internal bias de-coupling pin
15	V _{CCC}	—	Analog power supply (internal bias), +5.0 V
16	AGNDC	—	Analog ground (internal bias)
17	V _{OUTL+}	O	L-channel analog voltage output+
18	V _{OUTL-}	O	L-channel analog voltage output-
19	AGNDL	—	Analog ground (L-channel DAC)
20	V _{CCL}	—	Analog power supply (L-channel DAC), +5.0 V
21	V _{CCF}	—	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	\overline{MS}	I	Mode control chip select and latch signal*

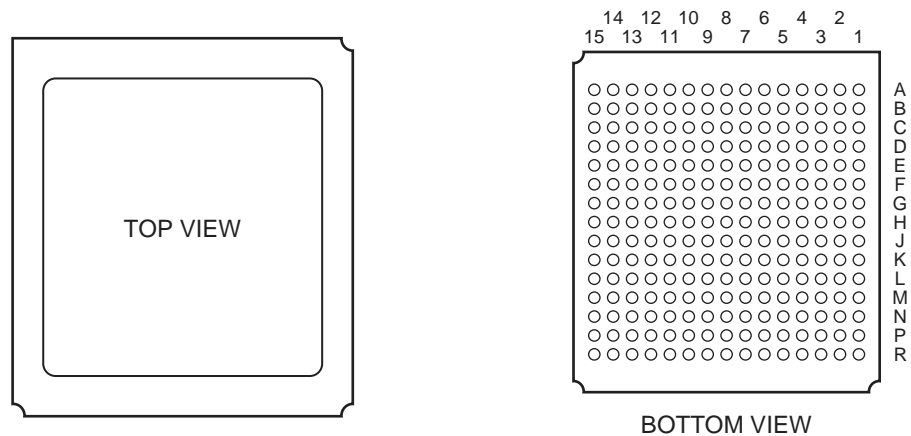
* Schmitt trigger input, 5V tolerant.

** Tristate output.

M35015-210SP (CV: IC453)**M35015-210SP Terminal Function**

Pin No.	Symbol	Name	I/O	Function
1	OSC1	Osc. circuit ext.	I	External terminal for indication oscillator circuit. Standard OSC. freq. is approx. 7MHz. With this OSC. freq., decides horizontal indication and character width.
2	OSC2	terminal.	O	
3	$\overline{\text{CS}}$	Chip select input	I	Chip select terminal and turns to "L" when transfer serial data. Hysteresis input. Pull up resistor is built-in.
4	SCK	Serial clock input	I	Takes in serial data of SIN at SCK rise when CS terminal is in "L". Hysteresis input. Pull up resistor is built-in.
5	SIN	Serial data input	I	Serial input of register for indication control and data, and address for indication data memory. Hysteresis input. Pull up resistor is built-in.
6	$\overline{\text{AC}}$	Auto-clear input	I	Resets internal circuit of IC at "L" mode. Hysteresis input. Pull up resistor is built-in.
7	VDD2	Power supply	—	Power supply terminal of analog system. Connect to +5V.
8	CVIDEO	Combined video output	O	Output terminal of combined video signal. Outputs 2Vp-p combined signal. Character output, etc. Overlap CVIN signal and outputs at superimpose.
9	LECHA	Character level input	I	Input terminal deciding character output level in combined video signal. Color of character is white.
10	CVIN	Combined video input	I	Input terminal of external combined video signal. Character output etc. overlap this external combined video signal.
11	VSS	Ground	—	Ground terminal. Connect to GND.
12	P0	Output port P0	O	General output or character background signal BL NK1* output is switchable. Polarity can be selected at ROM mask.
13	P1	Output port P1	O	General output or character background signal CO1* output is switchable. Polarity can be selected at ROM mask.
14	P2	Output port P2	O	General output or character background signal BLNK2* output is switchable. Polarity can be selected at ROM mask.
15	P3	Output port P3	O	General output or character background signal CO2* output is switchable. Polarity can be selected at ROM mask.
16	OSCOUT	Ext. terminal for sync sig. OSC. circuit	O	Terminal for external use of sync signal OSC. circuit. Use the freq.: 14.32MHz at NTSC system, 17.73MHz at PAL system, 14.30MHz at MPAL system.
17	OSCIN		I	
18	HOR*	Horizontal sync signal	I	Inputs horizontal sync signal. Hysteresis input.
19	VERT*	Vertical sync signal	—	Input vertical sync signal. Hysteresis input. Polarity can be selected at ROM mask.
20	VDD1	Power supply	I	Power supply terminal of digital system. Connect to +5V.

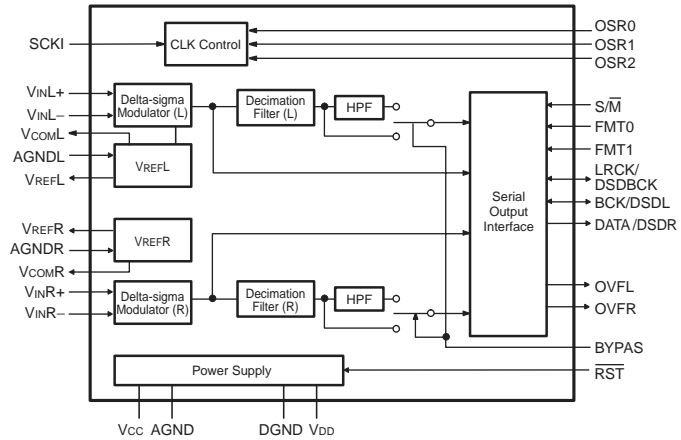
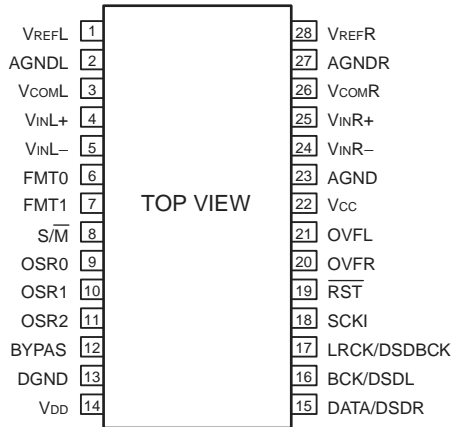
ADSST-MEL100 (DS: IC801)



ADSST-MEL100 Terminal Function

Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.
NC	A01	SFS0	B05	SFS3	C09	DATA[26]	J12	DATA[21]	K14	NC	R01
BMSTR	A02	SCLK1	B06	L0DAT[6]	C10	DATA[24]	J13	DATA[23]	K15	ADDR[11]	R02
BMS_B	A03	SD2B	B07	L1DAT[7]	C11	DATA[25]	J14	ADDR[13]	P01	ADDR[7]	R03
SPIDS	A04	SD3A	B08	L1DAT[3]	C12	DATA[27]	J15	ADDR[9]	P02	ADDR[3]	R04
EBOOT	A05	L0DAT[7]	B09	L1DAT[1]	C13	ADDR[14]	N01	ADDR[8]	P03	MS3_B	R05
LBOOT	A06	L0CLK	B10	DATA[45]	C14	ADDR[15]	N02	ADDR[4]	P04	PA_B	R06
SCLK2	A07	L0DAT[1]	B11	DATA[47]	C15	ADDR[10]	N03	MS2_B	P05	BR3_B	R07
SD3B	A08	L1DAT[4]	B12	FLAG1	G01	ADDR[5]	N04	SBTS_B	P06	RDL_B	R08
L0DAT[4]	A09	L1ACK	B13	FLAG2	G02	ADDR[1]	N05	BR4_B	P07	CLKOUT	R09
L0ACK	A10	L1DAT[0]	B14	FLAG4	G03	MS0_B	N06	BR1_B	P08	HBR_B	R10
L0DAT[2]	A11	NC	B15	FLAG3	G04	BR5_B	N07	SDCLK1	P09	HBG_B	R11
L1DAT[6]	A12	FLAG5	F01	VDDEXT	G05	BR2_B	N08	SDCLK0	P10	CLKDBL	R12
L1CLK	A13	FLAG7	F02	GND	G06	BRST	N09	REDY	P11	XTAL	R13
L1DAT[2]	A14	FLAG9	F03	GND	G07	SDCKE	N10	CLKIN	P12	SDWE_B	R14
NC	A15	FLAG6	F04	GND	G08	CS_B	N11	DQM	P13	NC	R15
FLAG10	E01	VDDINT	F05	GND	G09	CLK_CFG1	N12	AVSS	P14	DATA[31]	H15
RESET_B	E02	GND	F06	GND	G10	CLK_CFG0	N13	DMAR2_B	P15	ADDR[16]	M01
FLAG8	E03	GND	F07	VDDEXT	G11	AVDD	N14	DATA[32]	G15	ADDR[12]	M02
SD0A	E04	GND	F08	DATA[34]	G12	DMARI1_B	N15	ADDR[19]	L01	ADDR[18]	M03
VDDEXT	E05	GND	F09	DATA[35]	G13	DATA[36]	F15	ADDR[17]	L02	ADDR[6]	M04
VDDINT	E06	GND	F10	DATA[33]	G14	TIMEXP	K01	ADDR[21]	L03	ADDR[0]	M05
VDDEXT	E07	VDDINT	F11	DATA[41]	E15	ADDR[22]	K02	ADDR[2]	L04	MS1_B	M06
VDDINT	E08	DATA[37]	F12	IRQ2_B	J01	ADDR[20]	K03	VDDEXT	L05	BR6_B	M07
VDDEXT	E09	DATA[40]	F13	ID1	J02	ADDR[23]	K04	VDDINT	L06	VDDEXT	M08
VDDINT	E10	DATA[38]	F14	ID2	J03	VDDINT	K05	VDDEXT	L07	WRL_B	M09
VDDEXT	E11	TMS	C01	ID0	J04	GND	K06	VDDINT	L08	SDA10	M10
L0DAT[0]	E12	EMU_B	C02	VDDEXT	J05	GND	K07	VDDEXT	L09	RAS_B	M11
DATA[39]	E13	GND	C03	GND	J06	GND	K08	VDDINT	L10	ACK	M12
DATA[43]	E14	SPICLK	C04	GND	J07	GND	K09	VDDEXT	L11	DATA[17]	M13
TRST_B	B01	SD08	C05	GND	J08	GND	K10	CAS_B	L12	DMAG2_B	M14
TD1	B02	SD1A	C06	GND	J09	VDDINT	K11	DATA[20]	L13	DMAG1_B	M15
RPBA	B03	SD2A	C07	GND	J10	DATA[22]	K12	DATA[16]	L14		
MOSI	B04	SFS2	C08	VDDEXT	J11	DATA[19]	K13	DATA[18]	L15		

PCM1804 (AD: IC519)



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.

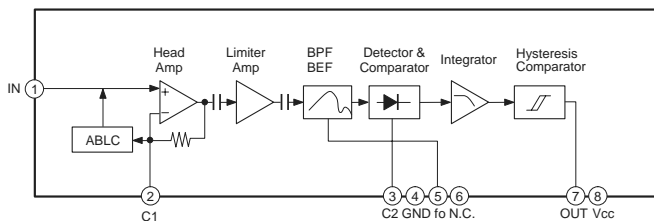
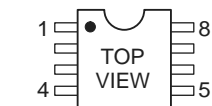
* Schmitt trigger input with internal pull-down (51kohm typically), 5V tolerant.

** Schmitt trigger input, 5V tolerant.

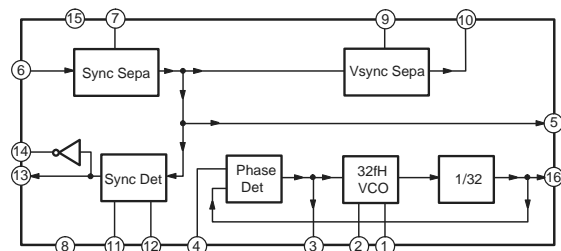
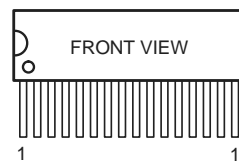
*** Schmitt trigger input.

CXA1511M (CO: IC501)

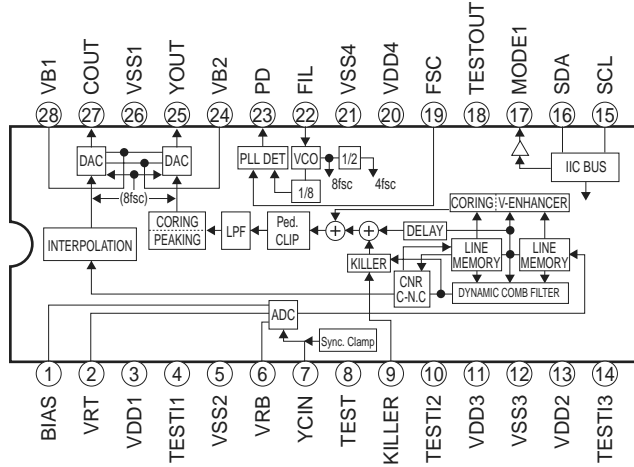
Except Japan model



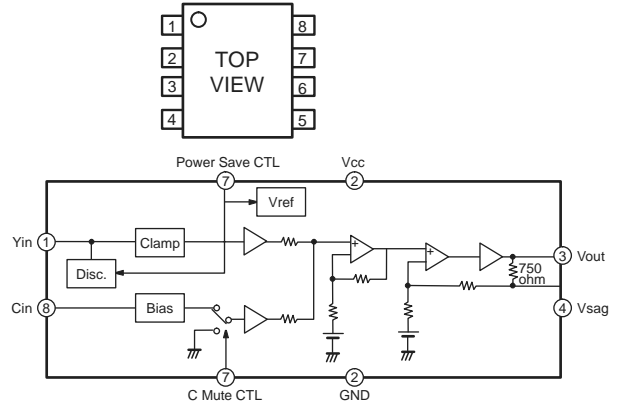
NJM2229S (CV: IC452)



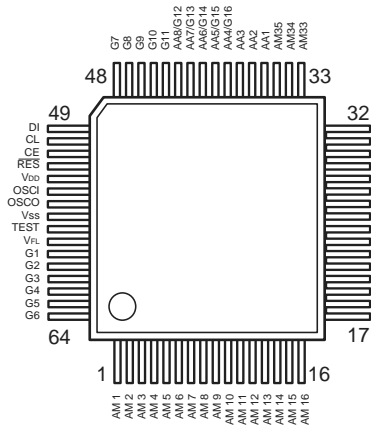
TC90A69F (VI: IC109)



NJM2274R (VI: IC110)



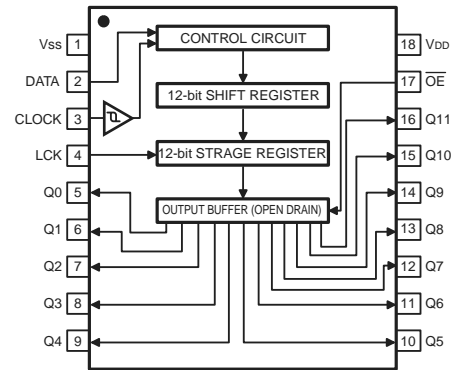
LC75721E (CO: IC101)



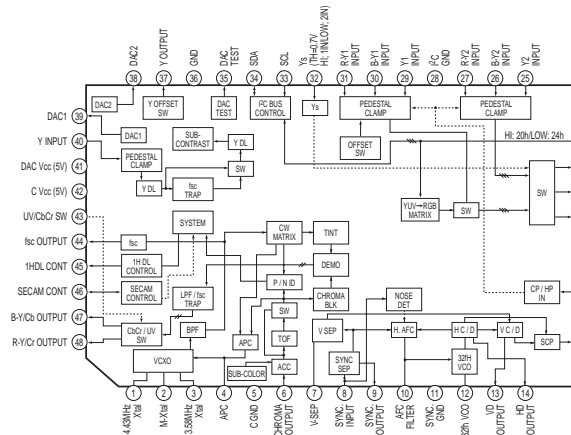
LC75721E Terminal Function

Symbol	Function
V _{DD}	Power terminal +5V
V _{SS}	Power terminal GND
V _{FL}	Power terminal FL drive
DI	Serial data transfer terminal
CL	DI: Data
CE	CL: Clock
	CE: Chip enable
OSCI	External CR connecting terminal
OSCO	
RES	System reset terminal
AM1-AM35	Anode output terminal
AA1-AA3	
AA4/G16	
AA5/G15	
AA6/G14	Anode/Grid output terminal
AA7/G13	
AA8/G12	
G1-G11	Grid output terminal
TEST	LSI test terminal

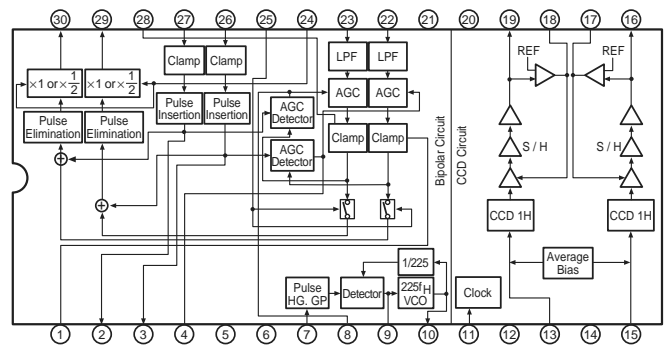
BU2090F (CO: IC103)



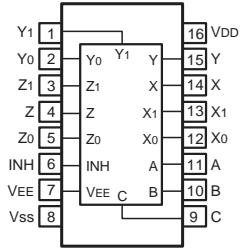
TA1270BF (VI: IC111)



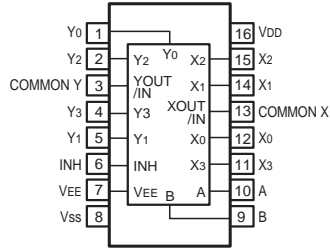
TA8772AN (VI: IC501)
Except U.S.A., Canada & Japan model



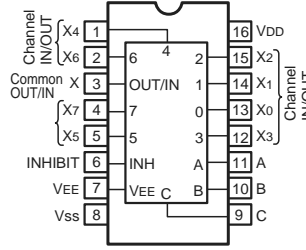
BU4053BCF
(VI: IC101)
(CV: IC256)



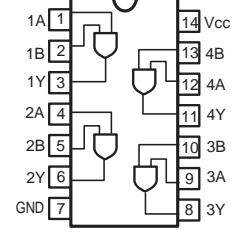
BU4052BCF
(VI: IC105, IC108)
(CV: IC255, 509, 510)



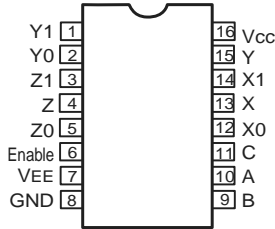
BU4051BCF
(CV: IC251, 252, 504-507)



SN74AHCT08NS
(CV: IC703)



MM74HC4053SJ (CV: IC451)

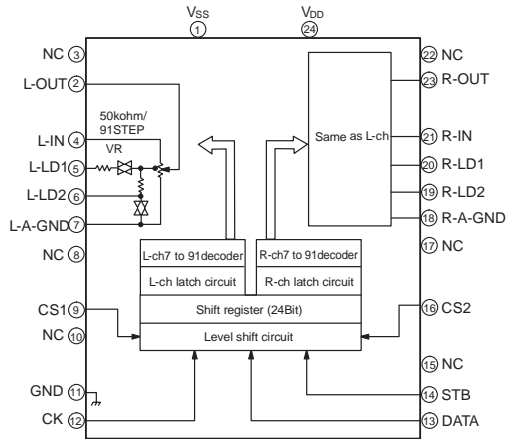


Truth Table

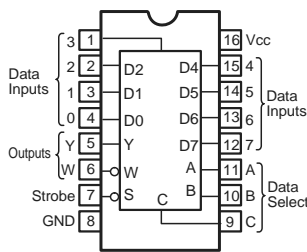
Enable	Select			ONSwitches
	C	B	A	
L	L	L	L	Z0 Y0 X0
L	L	L	H	Z0 Y0 X1
L	L	H	L	Z0 Y1 X0
L	L	H	H	Z0 Y1 X1
L	H	L	L	Z1 Y0 X0
L	H	L	H	Z1 Y0 X1
L	H	H	L	Z1 Y1 X0
L	H	H	H	Z1 Y1 X1
H	X	X	X	None

X = Don't Care

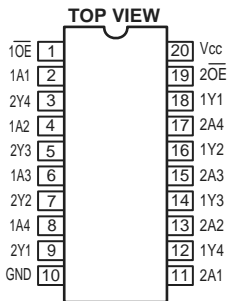
TC9459F (AD: IC381) Except Japan model



SN74HC151APW
(AD: IC513, 514)



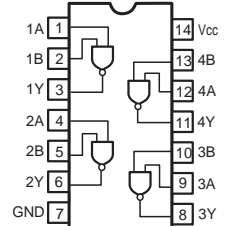
SN74LV244APW (AD: IC522)



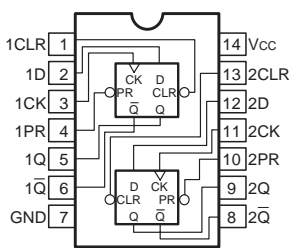
FUNCTION TABLE
(each buffer)

INPUT	OUTPUT
OE A	Y
L H	H
L L	L
H X	Z

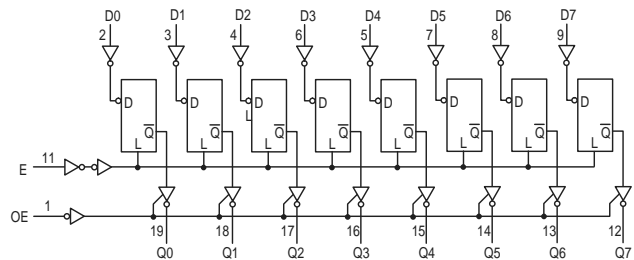
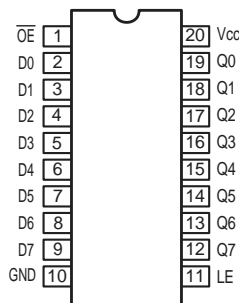
74VHC00MTCX
(AD: IC801, 802)



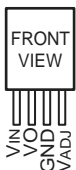
74VHC74MTCX
(AD: IC803)



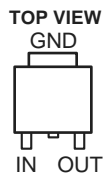
74VHC573MTCX (DS: IC803, 804)



PQ30RV11 (PO: IC201)



BA033FP (AD: IC536)



NJM7805FA(SS) (AC: IC602)



KIA78R09API
(AC: IC606)
PQ018EF01SZ
(AD: IC805)

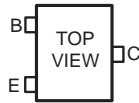


● TRANSISTORS

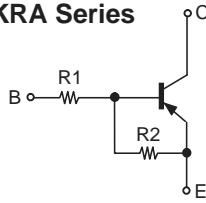
**KRA102M
KRC102M**



**DTA114TK
DTC114YK
DTC323TK
KRA102S
KRA104S
KRC102S
KRC104S**

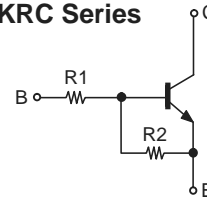


**DTA Series
KRA Series**



	R1	R2
DTA114TK	10kohm	—
KRA102M	10kohm	10kohm
KRA102S	10kohm	10kohm
KRA104S	47kohm	47kohm

**DTC Series
KRC Series**

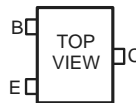


	R1	R2
DTC114YK	10kohm	47kohm
DTC323TK	2.2kohm	—
KRC102M	10kohm	10kohm
KRC102S	10kohm	10kohm
KRC104S	47kohm	47kohm

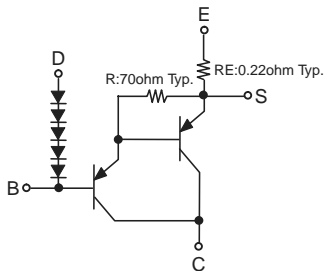
**2SA/KTA1267GR
2SC/KTC3199GR
2SC/KTC3209Y
KTA1281Y**



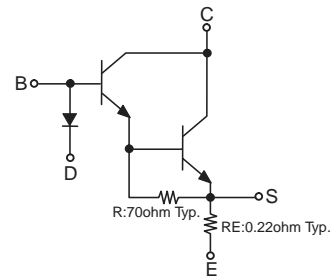
2SA/KTA1504GR



MP15P

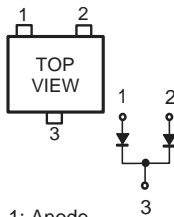


MN15N



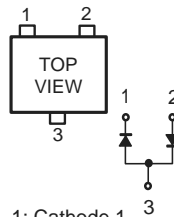
● DIODES

KDS184



1: Anode
2: Anode
3: Cathode

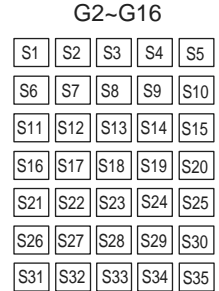
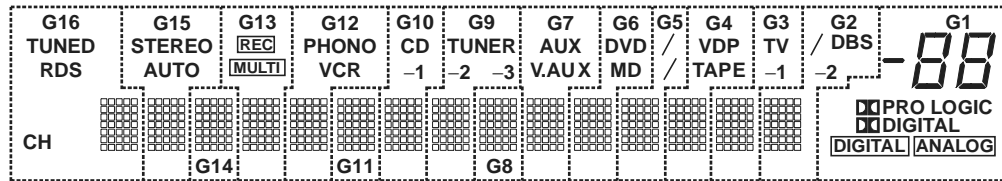
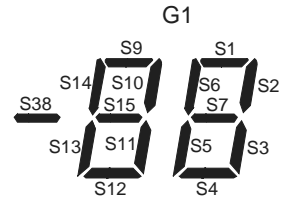
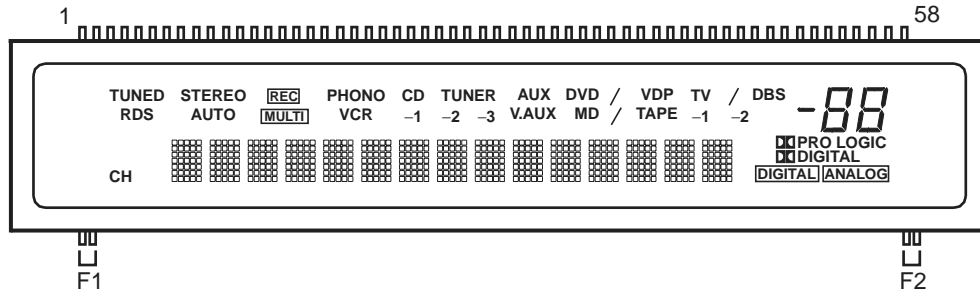
KDS226



1: Cathode 1
2: Anode 2
3: Anode 1/Cathode 2

● FL DISPLAY

CM1690C (CO: FL101)



Pin Assignment

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CONNECTION	F1	F1	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18
PIN NO.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CONNECTION	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	S37	S38
PIN NO.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58		
CONNECTION	G16	G15	G14	G13	G12	G11	G10	G9	G8	G7	G6	G5	G4	G3	G2	G1	F2	F2		

F1,F2 : Filament
 G1-G16 : Grid
 S1-S38 : Anode

Anode & Grid Assignment

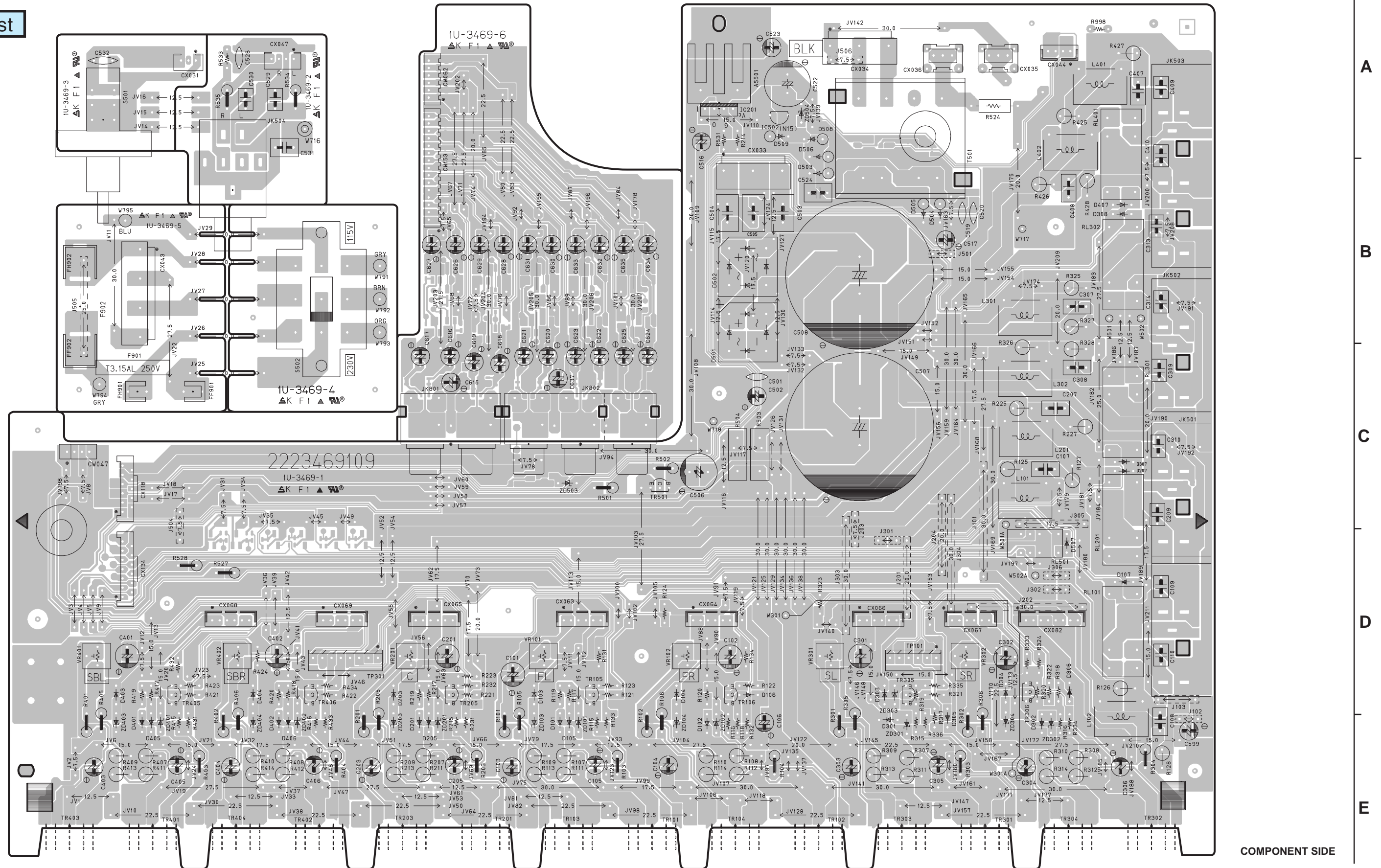
	G1	G2-G16		G1	G2-G16		G1	G2-G16		G1	G2-G16
S1	S1	S1	S10	S10	S10	S19	—	S19	S28	—	S28
S2	S2	S2	S11	S11	S11	S20	—	S20	S29	—	S29
S3	S3	S3	S12	S12	S12	S21	—	S21	S30	—	S30
S4	S4	S4	S13	S13	S13	S22	—	S22	S31	—	S31
S5	S5	S5	S14	S14	S14	S23	—	S23	S32	—	S32
S6	S6	S6	S15	S15	S15	S24	—	S24	S33	—	S33
S7	S7	S7	S16	—	S16	S25	—	S25	S34	—	S34
S8	—	S8	S17	DIGITAL	S17	S26	—	S26	S35	—	S35
S9	S9	S9	S18	PRO LOGIC	S18	S27	—	S27			

	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16
S36	DIGITAL	/	TV	VDP	/(DVD)	DVD	AUX	—	TUNER	CD	—	PHONO	REC	—	STEREO	TUNED
S37	ANALOG	-2	-1	TAPE	/(MD)	MD	V.AUX	—	-2	-1	—	VCR	MULTI	—	AUTO	RDS
S38	S38	DBS	—	—	—	—	—	—	-3	—	—	—	—	—	—	CH

PRINTED WIRING BOARD

1U-3469 POWER UNIT Ass'y

Parts List

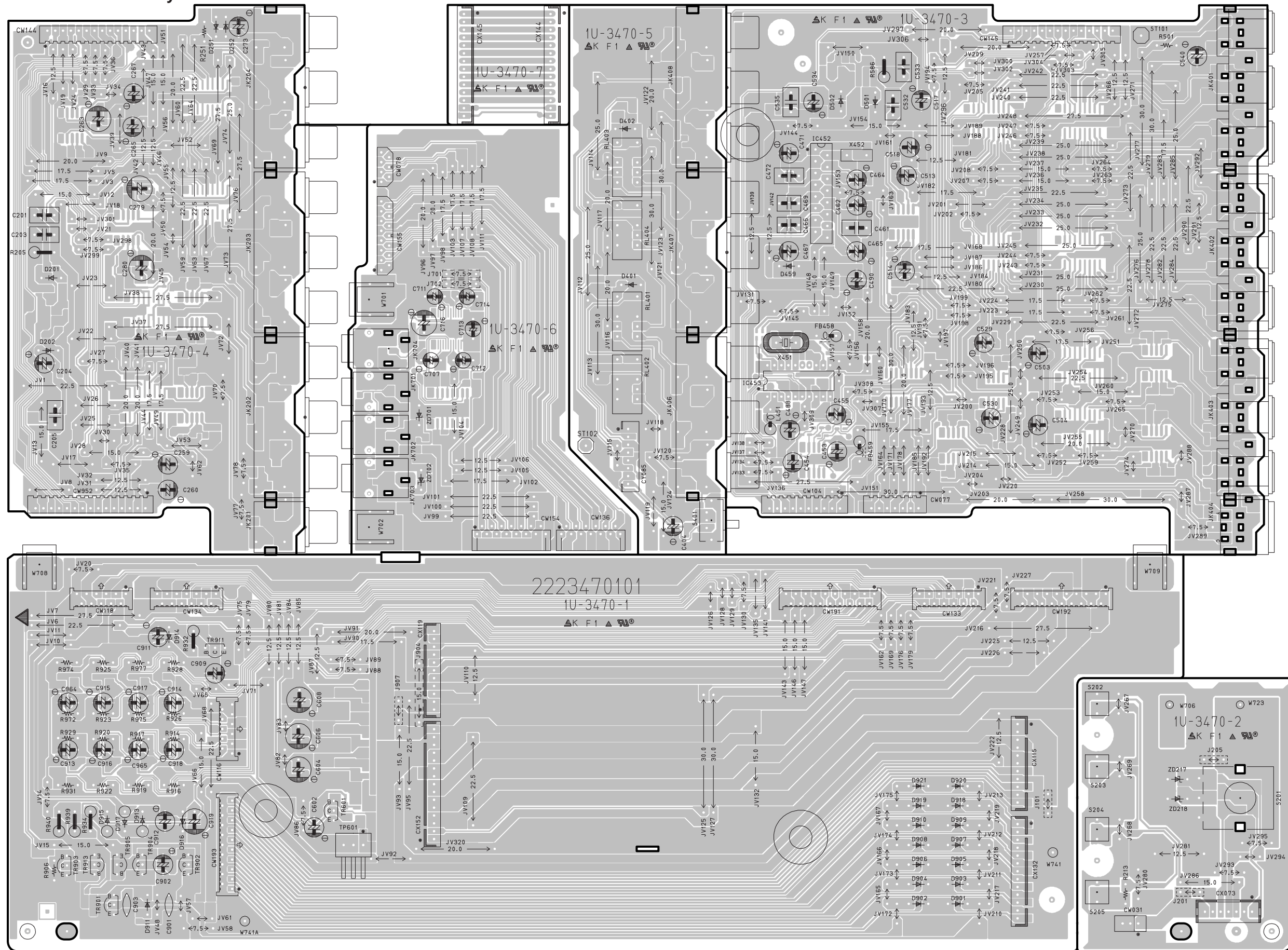


COMPONENT SIDE

A
B
C
D
E

1 2 3 4 5 6 7 8
1U-3470 CONNECT/ VIDEO UNIT Ass'y

Parts List



A
B
C
D
E

COMPONENT SIDE

1

2

3

4

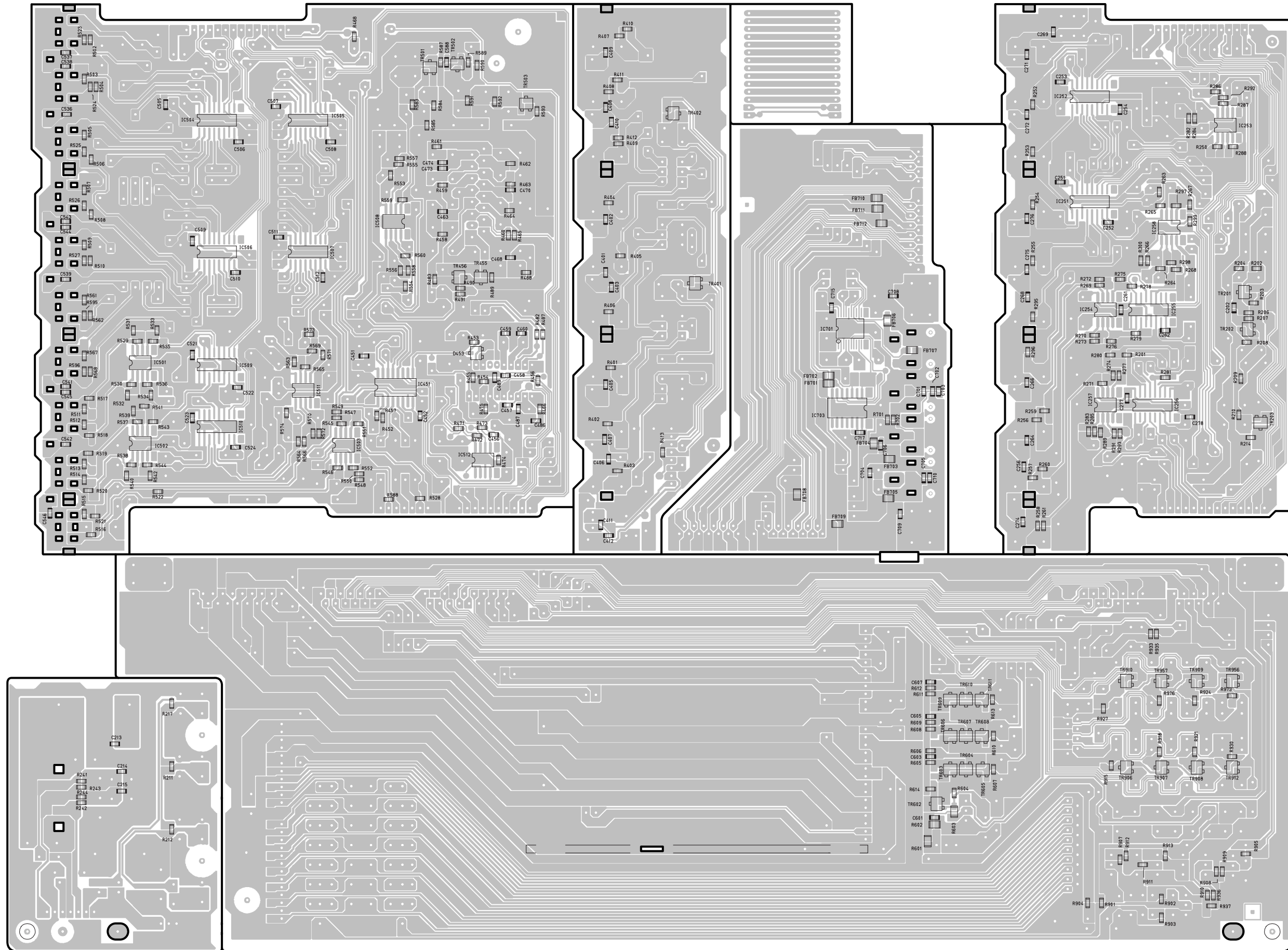
5

6

7

8

Parts List



A

B

C

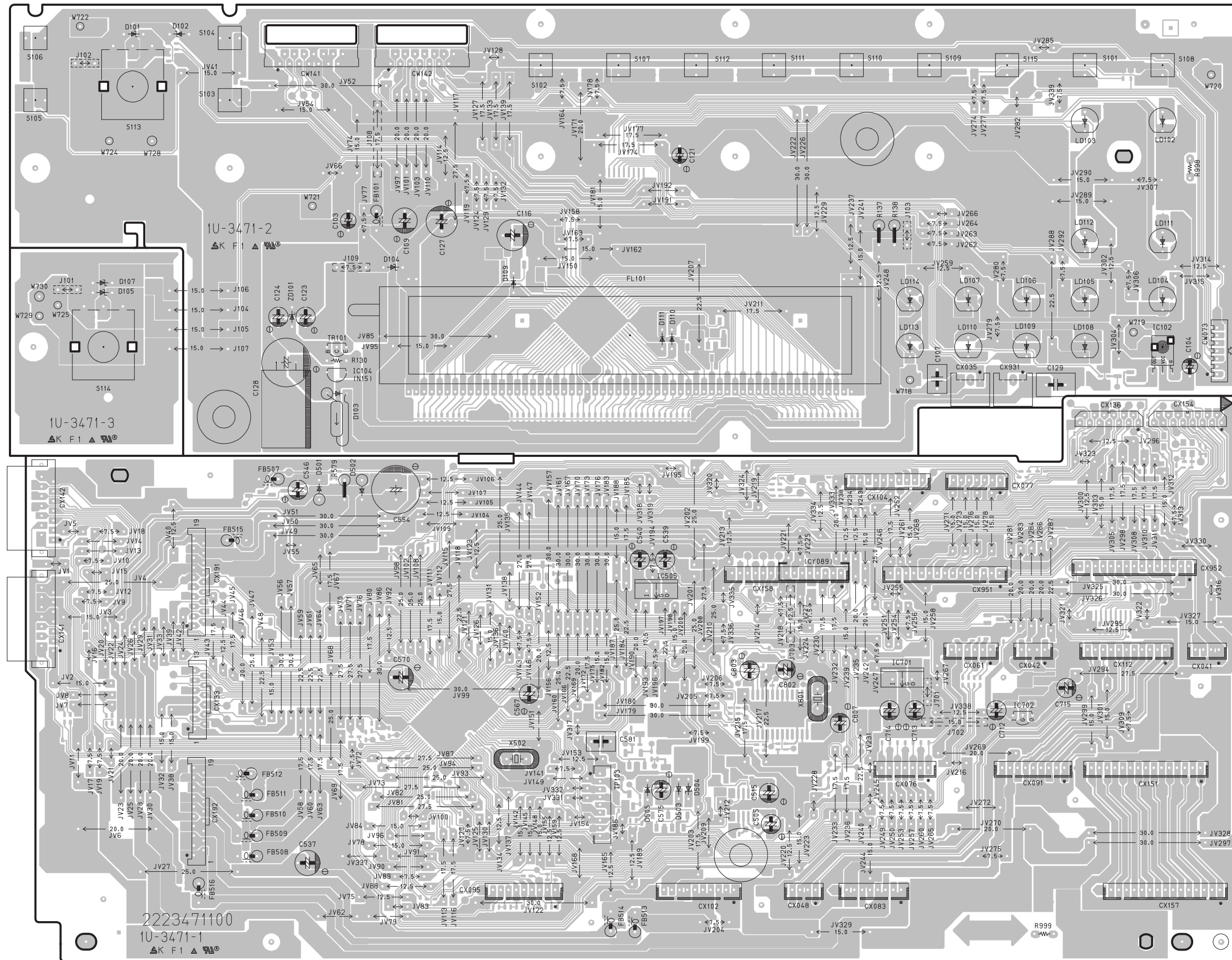
D

E

FOIL SIDE

1 2 3 4 5 6 7 8
1U-3471 CONTROL UNIT Ass'y

Parts List



A

B

C

D

E

COMPONENT SIDE

1

2

3

4

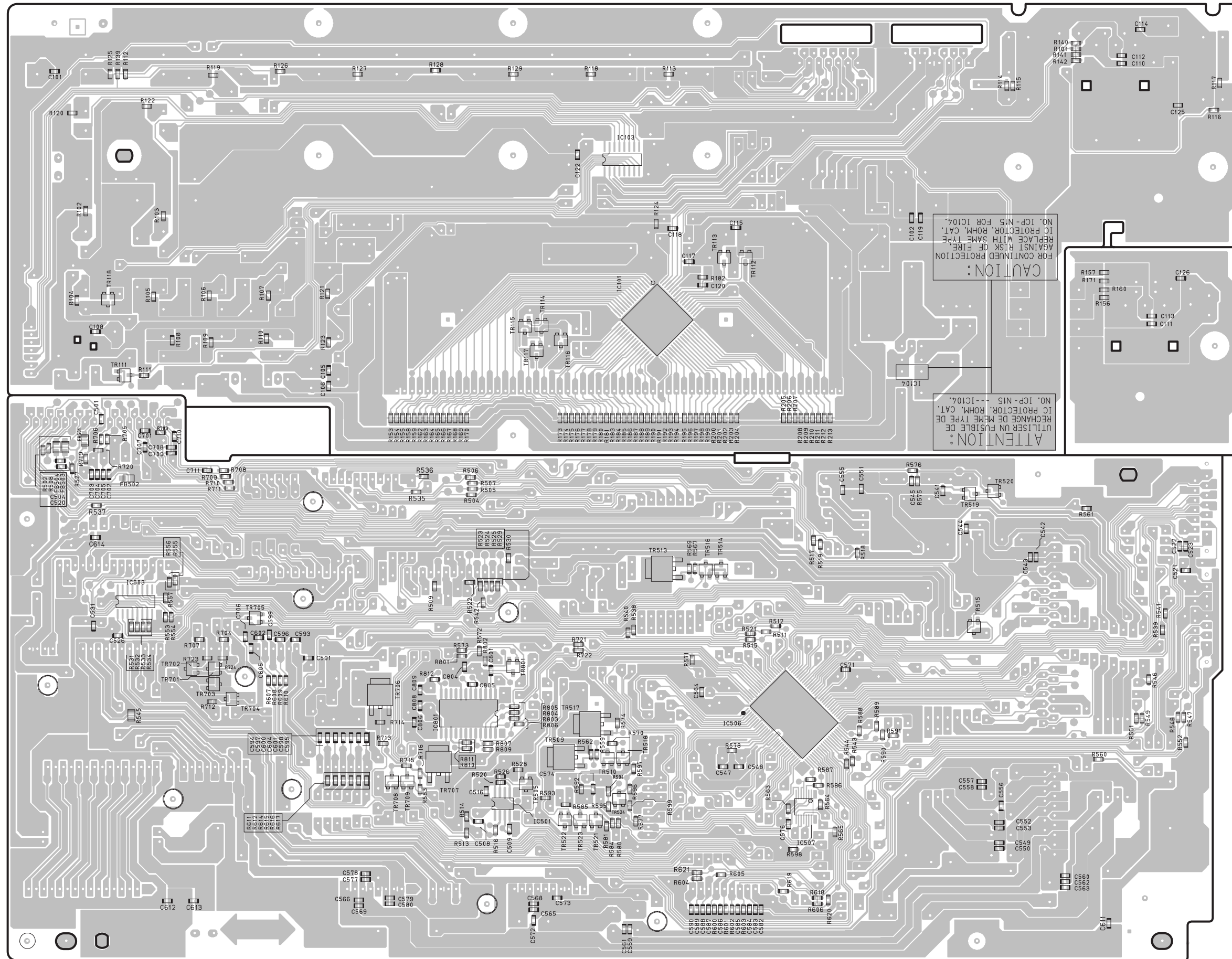
5

6

7

8

Parts List

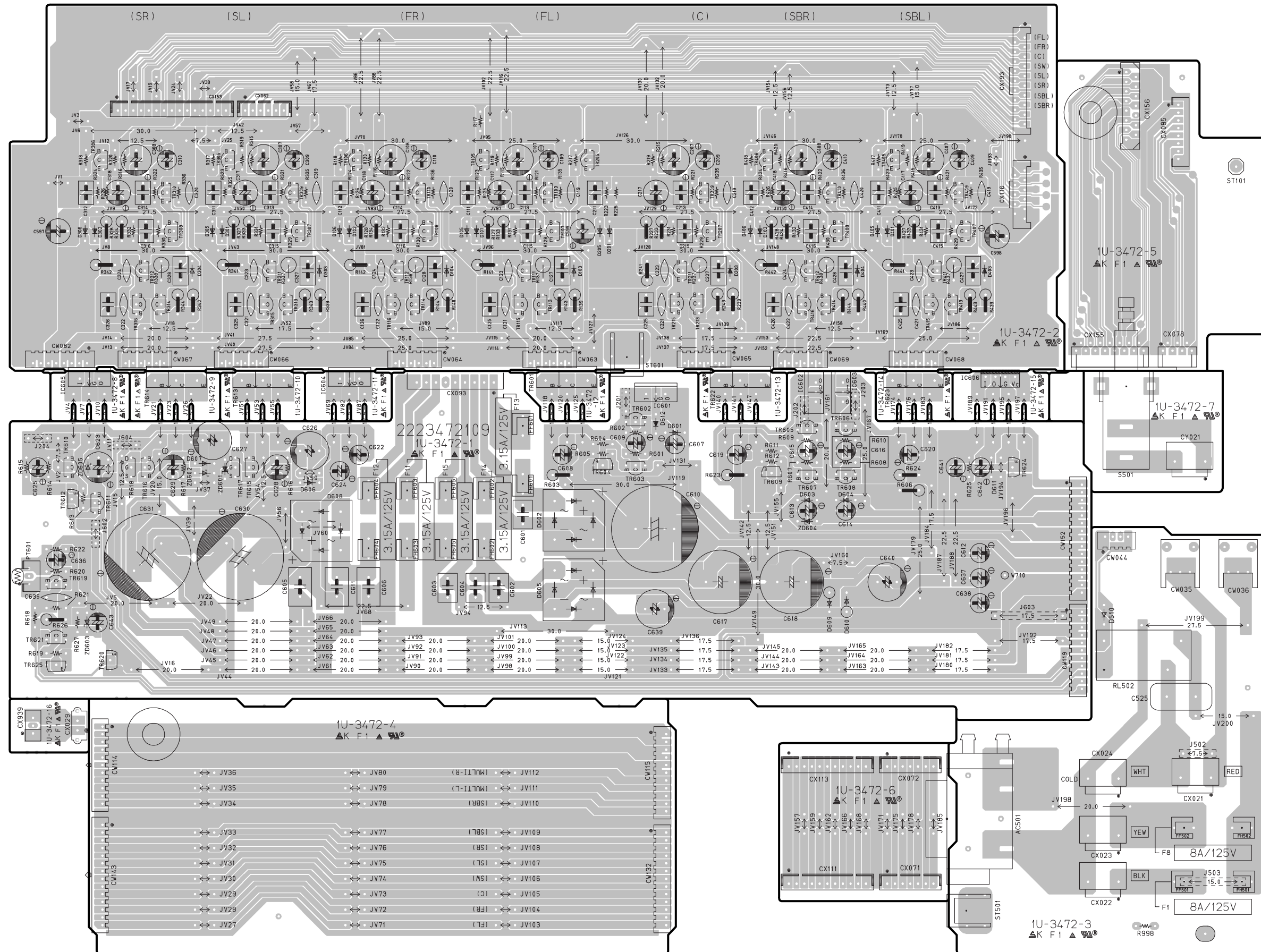


A
B
C
D
E

FOIL SIDE

1 2 3 4 5 6 7 8
1U-3472 AMP CONNECT UNIT Ass'y

Parts List



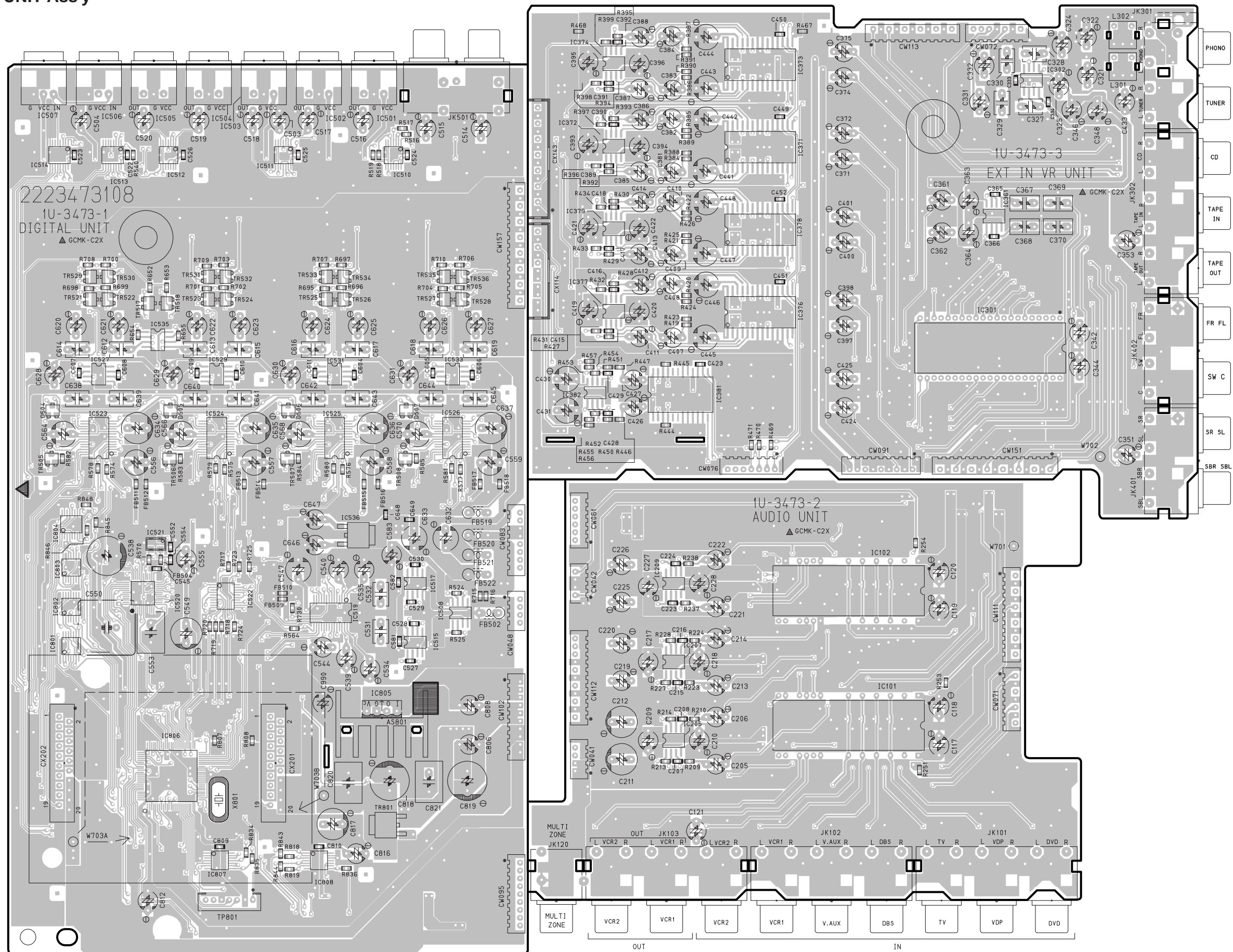
COMPONENT SIDE

A
B
C
D
E

1 2 3 4 5 6 7 8

1U-3473 AUDIO/DIGITAL UNIT Ass'y

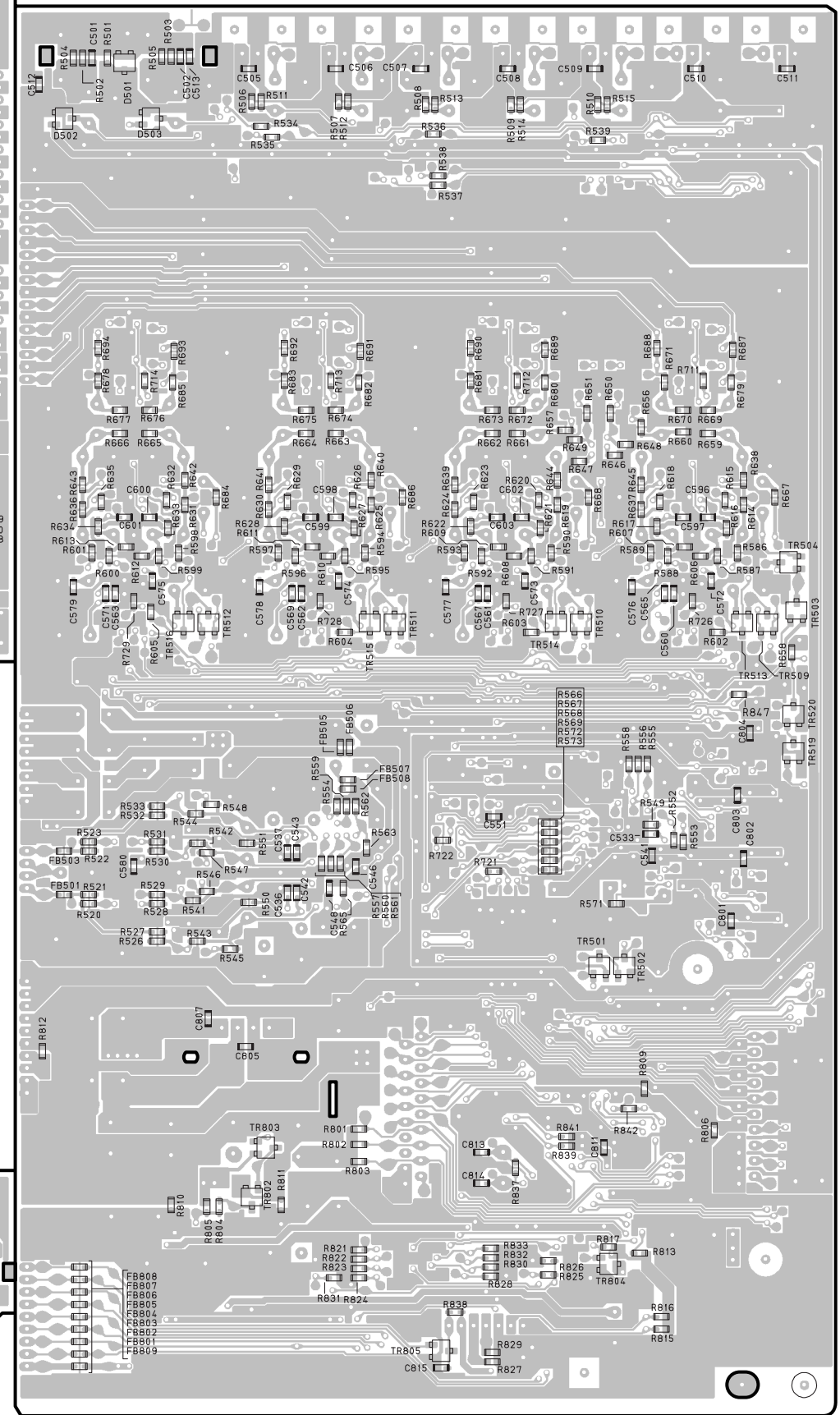
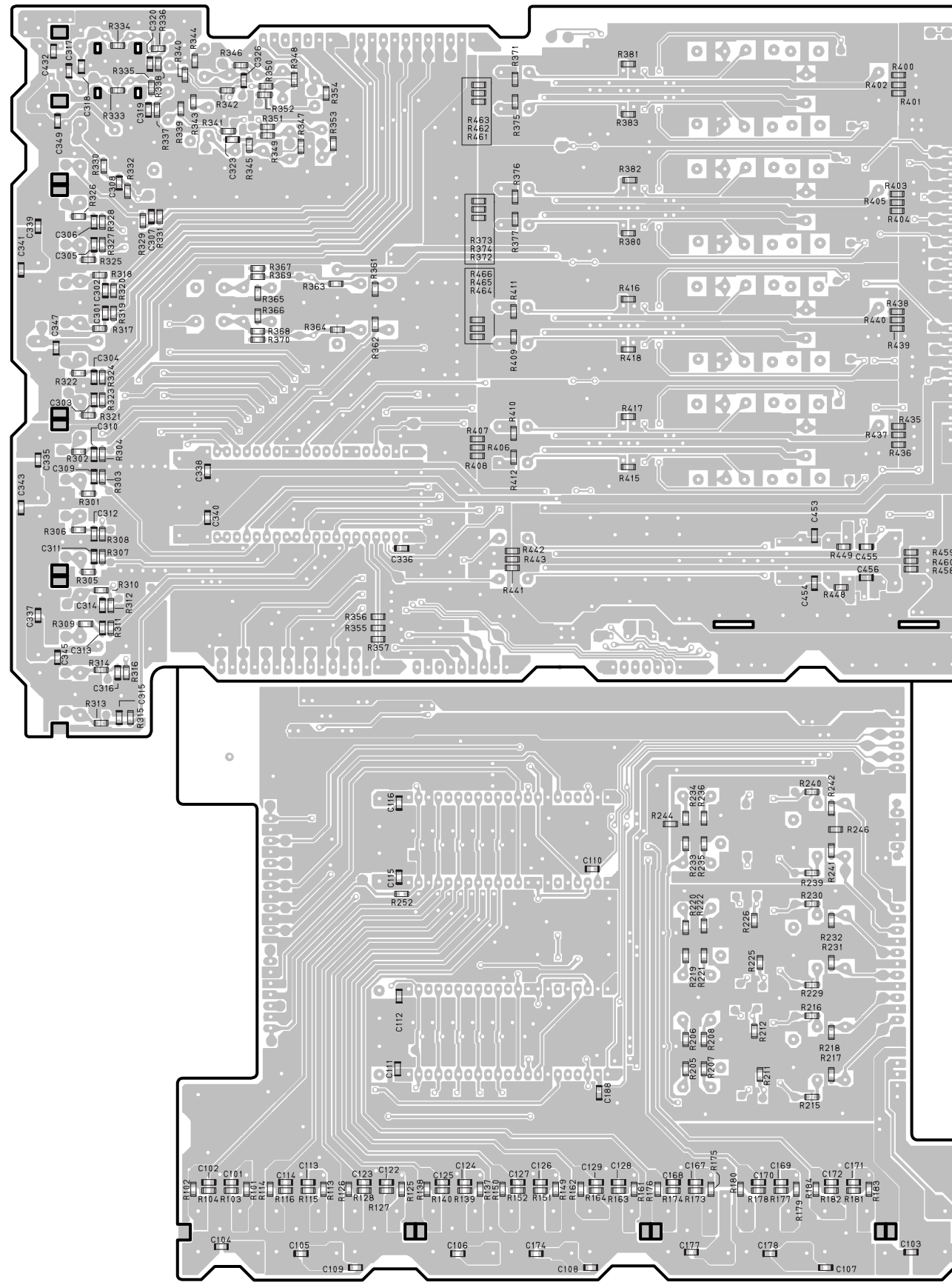
Parts List



COMPONENT SIDE

1 2 3 4 5 6 7 8

Parts List

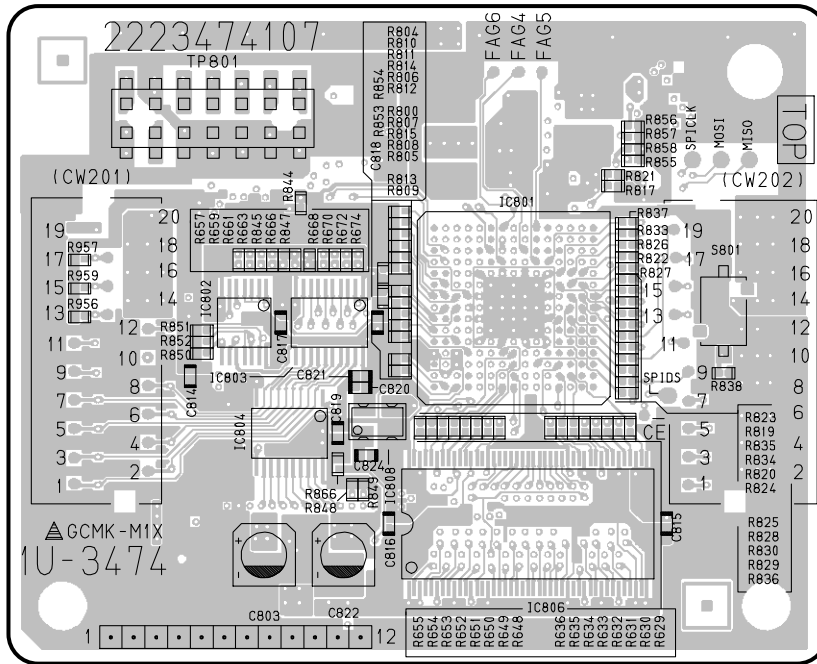


A B C D E

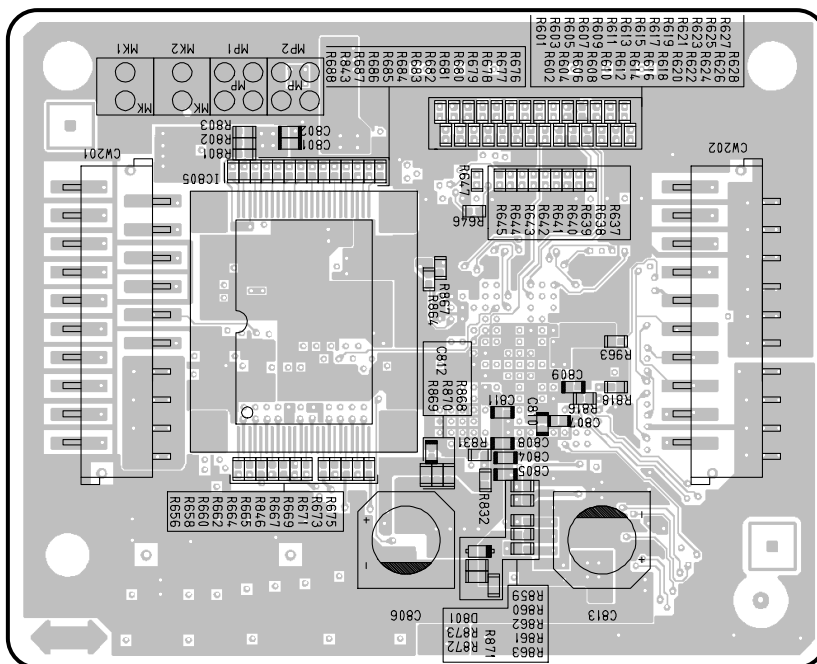
FOIL SIDE

1 2 3 4
 1U-3474 DSP UNIT Ass'y

Parts List



COMPONENT SIDE



FOIL SIDE

A

B

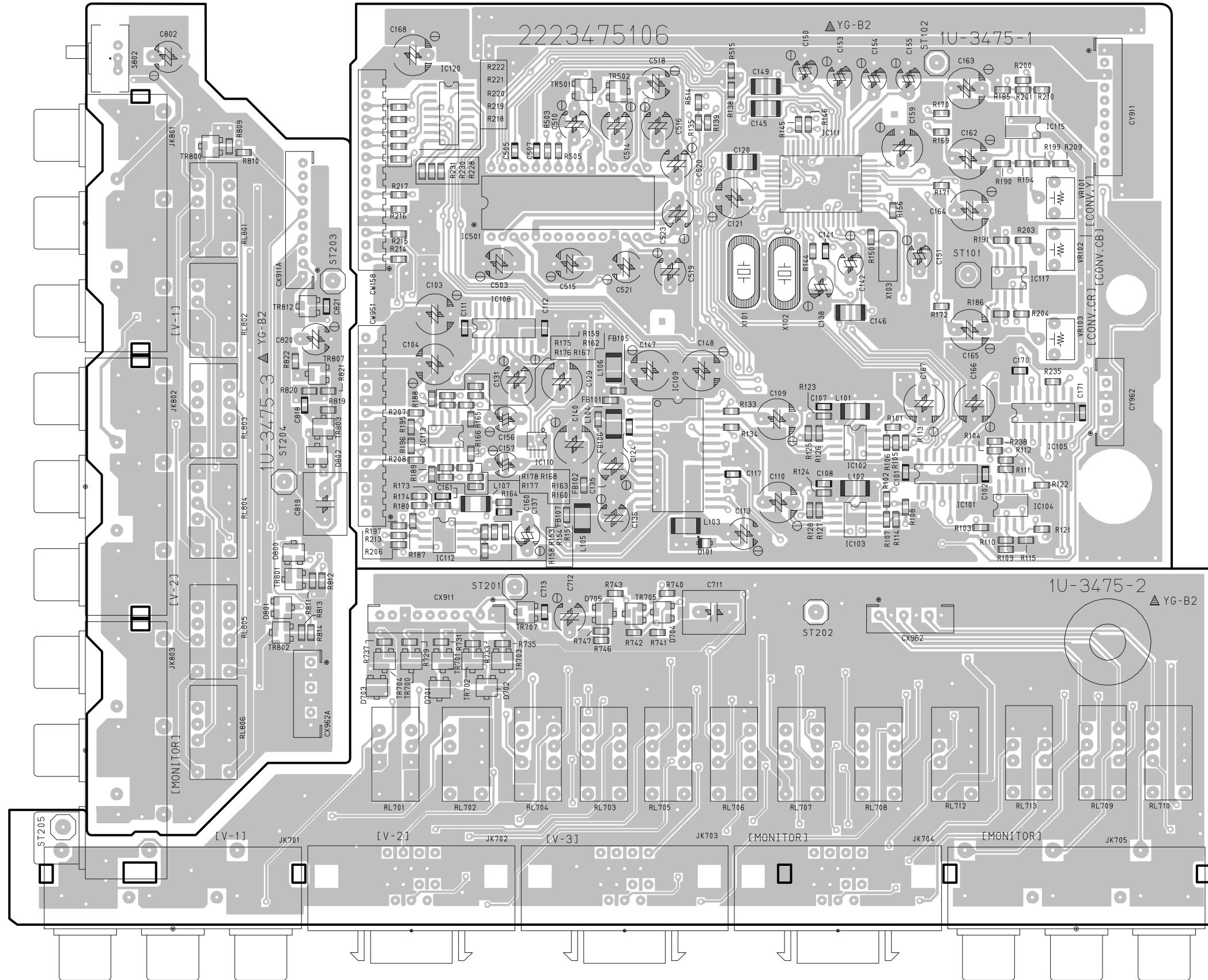
C

D

E

1U-3475 VIDEO UNIT Ass'y

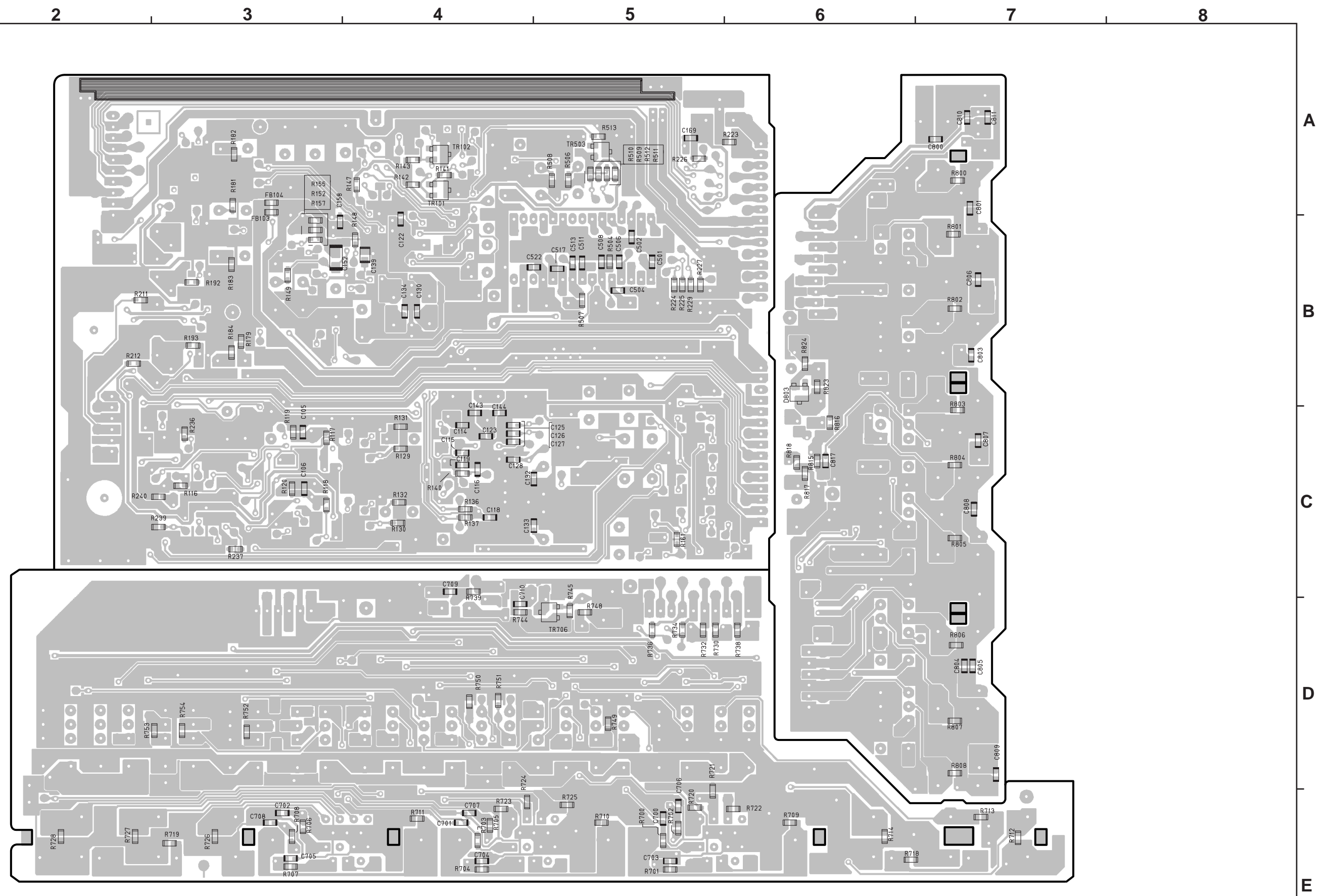
Parts List



COMPONENT SIDE

A
B
C
D
E

Parts List




FOIL SIDE

NOTE FOR PARTS LIST

- Part indicated with the mark "◎" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- 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 Carbon Film Resister ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- Not including Carbon Chip Resister 1/16W Type 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.

部品表について

- ◎印の部品は常時在庫していませんので供給に長時間を要することがあります。
場合によっては、供給をお断りすることがあります。
- 部品を発注する際は特に数字の“1”と英字の“I”との区別をはっきり記入してください。
- 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中には記載していません。
- カーボン抵抗器±5%、1/4W型は記載していません。定数は回路図を参照願います。
- カーボンチップ抵抗器 1/16W型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。

● Resistors

Ex.: **RN** **14K** **2E** **182** **G** **FR**
 Type Shape Power Resist- Allowable FR
 and- ance error Others
 performance

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

* Resistance

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

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

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

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

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

● Capacitors

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

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

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

● 電解コンデンサの場合

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

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

● 電解コンデンサ以外の場合

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

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

● 耐圧を交流で表示する場合は、耐圧表示の次に「AC」を表示します。

PARTS LIST OF P.W.B. UNIT ASS'Y (Except Japan model)

1U-3469 POWER UNIT ASS'Y (Except Japan model)

Note : The symbols in the column "Remarks" indicate the following destinations.
 EU : U.S.A. model E1C : China model
 EC : Canada model E1H : Hong Kong model
 E2 : Europe model EUT : Taiwan R.O.C. model
 E1 : Asia model E1K : Korea model

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					RESISTORS GROUP				
IC201	263 1035 002	PQ30RV11			R103-106	241 2376 964	RD14B2E470JNBST		
△ IC502	268 0073 905	ICP-N15T			R107-114	244 2671 956	RS14B3DR47JNBST(S)		
TR105,106	273 0458 904	2SC/KTC3200BL-AT			R125,126	244 2671 956	RS14B3DR47JNBST(S)		
TR107	273 0464 901	KTC3875SGR-RTK			R127,128	244 2671 901	RS14B3D100JNBST(S)		
TR205	273 0458 904	2SC/KTC3200BL-AT			R203	241 2376 964	RD14B2E470JNBST		
TR207	273 0464 901	KTC3875SGR-RTK			R205	241 2376 964	RD14B2E470JNBST		
TR305,306	273 0458 904	2SC/KTC3200BL-AT			R207	244 2671 956	RS14B3DR47JNBST(S)		
TR307,308	273 0464 901	KTC3875SGR-RTK			R209	244 2671 956	RS14B3DR47JNBST(S)		
TR405,406	273 0458 904	2SC/KTC3200BL-AT			R211	244 2671 956	RS14B3DR47JNBST(S)		
TR407	273 0464 901	KTC3875SGR-RTK			R213	244 2671 956	RS14B3DR47JNBST(S)		
TR501	271 0094 919	2SA970(BL)TPE2			R214	245 2365 980	RN14K2E391FT(5)		
TR507	273 0464 901	KTC3875SGR-RTK			R225	244 2671 956	RS14B3DR47JNBST(S)		
TR509,510	273 0464 901	KTC3875SGR-RTK			R227	244 2671 901	RS14B3D100JNBST(S)		
TR511	269 0192 902	KRC102S-RTK(10K-10K)			R303-306	241 2376 964	RD14B2E470JNBST		
TR601-620	273 0460 905	KTC2875B-RTK			R307-314	244 2671 956	RS14B3DR47JNBST(S)		
D101-107	276 0432 903	1SS270A TE (TAPE)			R325,326	244 2671 956	RS14B3DR47JNBST(S)		
D201	276 0432 903	1SS270A TE (TAPE)			R327,328	244 2671 901	RS14B3D100JNBST(S)		
D203	276 0432 903	1SS270A TE (TAPE)			R403-406	241 2376 964	RD14B2E470JNBST		
D205	276 0432 903	1SS270A TE (TAPE)			R407-414	244 2671 956	RS14B3DR47JNBST(S)		
D207	276 0432 903	1SS270A TE (TAPE)			R425,426	244 2671 956	RS14B3DR47JNBST(S)		
D301-308	276 0432 903	1SS270A TE (TAPE)			R427,428	244 2671 901	RS14B3D100JNBST(S)		
D401-407	276 0432 903	1SS270A TE (TAPE)			R501	241 2387 940	RD14B2E4R7JNBST		
D501,502	276 0338 007	S4VB20F			R502	244 2051 961	RS14B3A101JNBST(S)		
D503-506	276 0704 903	1SR35-400A(T93X)			R503,504	243 2039 032	RW99=3H0R1K		
D507	276 0432 903	1SS270A TE (TAPE)			△ R524	242 2009 001	RC05GF2H225K(UL)	for EU,EC	
D508,509	276 0704 903	1SR35-400A(T93X)			R527,528	244 2052 960	RS14B3A221JNBST(S)		
ZD101-104	276 0461 903	HZS6A-1TD			R531	245 2367 920	RN14K2E152FT(5)		
ZD201	276 0461 903	HZS6A-1TD			R534,535	244 2052 960	RS14B3A221JNBST(S)		
ZD203	276 0461 903	HZS6A-1TD			VR101,102	211 6131 939	V06PB331T		
ZD301-304	276 0461 903	HZS6A-1TD			VR201	211 6131 939	V06PB331T		
ZD401-404	276 0461 903	HZS6A-1TD			VR301,302	211 6131 939	V06PB331T		
ZD503	276 0465 912	HZS7B-2TD			VR401,402	211 6131 939	V06PB331T		
ZD504	276 0645 907	MTZJ18A T77			CAPACITORS GROUP				
					C101,102	254 4527 982	CE04W2A100MT SMG/RE3		
					C103-106	254 4586 936	CE04W2A4R7MT(RE3)		
					C107,108	256 1058 939	CF93A1H473JT (JL)		
					C109,110	255 1264 982	CQ93M1H472JT(B)		
					C111,112	257 0509 929	CK73B1H102KT		
					C201	254 4527 982	CE04W2A100MT SMG/RE3		
					C203	254 4586 936	CE04W2A4R7MT(RE3)		
					C205	254 4586 936	CE04W2A4R7MT(RE3)		

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C207	256 1058 939	CF93A1H473JT (JL)			CX118	205 1091 024	11P CON BASE TWG-P		1	
C209	255 1264 982	CQ93M1H472JT(B)			CX134	205 1091 037	13P CON BASE TWG-P		1	
C212	257 0509 929	CK73B1H102KT								
C301,302	254 4527 982	CE04W2A100MT SMG/RE3			△ F901	206 1015 074	FUSE 3.15A	for E1,E1H	1	
C303-306	254 4586 936	CE04W2A4R7MT(RE3)			FF901	202 0040 909	FUSE CLIP (TAPE)	for E1,E1H	1	
C307,308	256 1058 939	CF93A1H473JT (JL)			FH901	202 0040 909	FUSE CLIP (TAPE)	for E1,E1H	1	
C309,310	255 1264 982	CQ93M1H472JT(B)			JK501	205 1250 001	8P SP TERMINAL(V0)		1	*
C311,312	257 0509 929	CK73B1H102KT			JK502	205 1252 009	4P SP TERMINAL(V0)		1	*
C313,314	255 1264 982	CQ93M1H472JT(B)			JK503	205 1251 000	6P SP TERMINAL(V0)		1	*
C315,316	257 0509 929	CK73B1H102KT			JK504	204 8217 031	H/P JACK (BK(AU))		1	
C401,402	254 4527 982	CE04W2A100MT SMG/RE3			JK801	204 8540 009	4P PIN JACK		1	
C403-406	254 4586 936	CE04W2A4R7MT(RE3)			JK802	204 8655 004	6P PIN JACK (S2GND)		1	*
C407,408	256 1058 939	CF93A1H473JT (JL)			L101,102	235 0068 004	INDUCTOR(1MH)		2	
C409,410	255 1264 982	CQ93M1H472JT(B)			L201	235 0068 004	INDUCTOR(1MH)		1	
C411,412	257 0509 929	CK73B1H102KT			L301,302	235 0068 004	INDUCTOR(1MH)		2	
C502	254 4524 943	CE04W1H010MT SMG/RE3		*	L401,402	235 0068 004	INDUCTOR(1MH)		2	
C503-505	256 1062 909	CF93A2E334KT-ECQE(B)		*	RL101	214 0217 007	RELAY(DS24D2)		1	*
C506	254 4528 729	CE04W2A101MC SMG/RE3		*	RL201	214 0217 007	RELAY(DS24D2)		1	*
C507,508	254 6231 700	CE68W==153MC(DL)L=60		*	RL301,302	214 0217 007	RELAY(DS24D2)		2	*
C516	254 4538 900	CE04W1C100MT SMG/RE3			RL401	214 0217 007	RELAY(DS24D2)		1	*
C517	254 4524 943	CE04W1H010MT SMG/RE3			RL501	214 0223 004	RELAY(EC2-24N35)		1	
C522	254 4403 721	CE04W1E222MC (SMG)			S501	212 0420 005	1P PUSH SW(NON LOCK)	for EU,EC	1	
C523	254 4524 943	CE04W1H010MT SMG/RE3			△ S502	212 4810 006	SLIDE SWITCH	for E1,E1H	1	
C524	256 1058 971	CF93A1H104JT (JL)								
C528	253 1181 904	CK45F1H103ZT(DD-3)			△ T501	233 6433 006	MINI TRANS(383E3)	for EU,EC,EUT	1	*
C529,530	255 1264 908	CQ93M1H102JT(B)			△ T501	233 6434 005	MINI TRANS(383E2)	for E2	1	*
C531	256 1058 971	CF93A1H104JT (JL)			△ T501	233 6435 004	MINI TRANS(383E1)	for E1,E1H	1	*
C599	254 4524 943	CE04W1H010MT SMG/RE3			△ T501	233 6436 003	MINI TRANS(383E1C)	for E1C,E1K	1	*
C601-604	257 0512 903	CK73F1E104ZT			TP101	205 0190 065	6P NH CONNECTOR BASE		1	
C615	254 4524 943	CE04W1H010MT SMG/RE3			TP301	205 0190 081	8P NH CONNECTOR BASE		1	
C616-635	254 4538 913	CE04W1C220MT SMG/RE3			W301	203 0461 002	1P SIN CON.ASS'Y		1	
C636	257 0512 903	CK73F1E104ZT								
C637	254 4524 943	CE04W1H010MT SMG/RE3								
OTHER PARTS GROUP				Q'ty						
CW047	203 6365 021	4P KR-DA CONN CORD		1						
CW062	205 0942 019	6P CON.SOCKET(TUC-P)		1						
CW153	205 0885 040	15P CON.SOCKET TUC-P		1						
CX031	205 0343 032	3P CONN.BASE(KR-PH)	for EU,EC	1						
CX033	205 0825 000	3P AC CON.BASE		1						
CX034	205 0841 000	3P AC CON. BASE(BK)	for E1,E1H	1						
CX035,036	205 0696 035	JL CONNECTOR(BT-E)		2						
CX043	205 0581 030	4P VH CONN BASE(WHT)	for E1,E1H	1						
CX044	205 0884 083	4P CON.BASE(TUC-P)		1						
CX047	205 0343 045	4P CONN.BASE(KR-PH)		1						
CX063-069	205 0943 018	6P CON.BASE(TUC-P)		7						
CX082	205 0884 096	8P CON BASE(TUC-P)		1						
						203 5220 028	3P VH CON.CORD	for E1,E1H	1	
						203 8505 009	5P VH CON.CORD	for E1,E1H	1	
						417 0401 001	RADIATOR	for D501,502	2	
						477 0153 018	3X16 CPTS(B) SW W	for D501,502	2	

Note : The symbols in the column "Remarks" indicate the following destinations.
 EU : U.S.A. model E1C : China model
 EC : Canada model E1H : Hong Kong model
 E2 : Europe model EUT : Taiwan R.O.C. model
 E1 : Asia model E1K : Korea model

1U-3470 CONNECT/VIDEO UNIT ASS'Y (Except Japan model)

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					RESISTORS GROUP				
IC251,252	262 2826 903	BU4051BCF			D501,502	276 0432 903	1SS270A TE (TAPE)		
IC253,254	263 1082 903	TK15420MTL			D901-910	276 0723 900	RB721Q-40		
IC255	262 2012 908	BU4052BCF-E2			D911	276 0432 903	1SS270A TE (TAPE)		
IC256	262 2013 907	BU4053BCF-E2			D913	276 0704 903	1SR35-400A(T93X)		
IC257,258	263 1082 903	TK15420MTL			D915	276 0704 903	1SR35-400A(T93X)		
IC451	262 2827 902	MM74HC4053SJ			D916	276 0461 916	HZS6A-2TD		
IC452	263 0682 003	NJM2229S			D917	276 0704 903	1SR35-400A(T93X)		
IC453	262 2808 002	M35015-210SP			D918-921	276 0723 900	RB721Q-40		
IC501-503	263 1082 903	TK15420MTL			ZD701	276 0461 903	HZS6A-1TD		
IC504-507	262 2826 903	BU4051BCF			ZD702	276 0477 926	HZS16-3TD		
IC508	263 1082 903	TK15420MTL			CAPACITORS GROUP				
IC509,510	262 2012 908	BU4052BCF-E2			R205	244 2052 960	RS14B3A221JNBST(S)		
IC511,512	263 1082 903	TK15420MTL			R586	244 2052 960	RS14B3A221JNBST(S)		
IC701	262 2114 903	UPD4721GS-GJG		*	R934	244 2055 996	RS14B3A122JNBST(S)		
IC703	262 3174 900	SN74AHCT08NS		*	R939,940	244 2055 996	RS14B3A122JNBST(S)		
TR201	271 0312 905	2SA/KTA1504SGR-RTK		*					
TR202,203	269 0192 902	KRC102S-RTK(10K-10K)		*					
TR455,456	273 0464 901	KTC3875SGR-RTK		*	C201	256 1058 939	CF93A1H473JT (JL)		
TR501	271 0312 905	2SA/KTA1504SGR-RTK		*	C202	257 0512 903	CK73F1E104ZT		
TR502,503	269 0192 902	KRC102S-RTK(10K-10K)		*	C203	256 1058 939	CF93A1H473JT (JL)		
TR601	271 0301 903	2SA/KTA1268BL-AT		*	C204	254 4524 943	CE04W1H010MT SMG/RE3		
TR602,603	273 0464 901	KTC3875SGR-RTK		*	C205	256 1058 939	CF93A1H473JT (JL)		
TR604	271 0312 905	2SA/KTA1504SGR-RTK		*	C214,215	257 0511 904	CK73F1H103ZT		
TR605,606	273 0464 901	KTC3875SGR-RTK		*	C251-254	257 0511 904	CK73F1H103ZT		
TR607	271 0312 905	2SA/KTA1504SGR-RTK		*	C256	257 0512 903	CK73F1E104ZT		
TR608,609	273 0464 901	KTC3875SGR-RTK		*	C259,260	254 4538 939	CE04W1C470MT SMG/RE3		
TR610	271 0312 905	2SA/KTA1504SGR-RTK		*	C261,262	257 0511 904	CK73F1H103ZT		
TR611	273 0464 901	KTC3875SGR-RTK		*	C263	254 4302 974	CE04W1A101MT(SRE)		
TR901	271 0301 903	2SA/KTA1268BL-AT			C264	257 0512 903	CK73F1E104ZT		
TR902	274 0160 907	2SD2144STPU			C265	254 4538 939	CE04W1C470MT SMG/RE3		
TR903	273 0458 904	2SC/KTC3200BL-AT			C266	257 0512 903	CK73F1E104ZT		
TR904,905	271 0301 903	2SA/KTA1268BL-AT			C267	254 4538 939	CE04W1C470MT SMG/RE3		
TR906-910	269 0184 907	KRA102S-RTK			C268,269	257 0512 903	CK73F1E104ZT		
TR912	269 0184 907	KRA102S-RTK			C271,272	257 0512 903	CK73F1E104ZT		
TR913	271 0301 903	2SA/KTA1268BL-AT			C273	254 4524 943	CE04W1H010MT SMG/RE3		
TR956,957	269 0184 907	KRA102S-RTK			C274-276	257 0512 903	CK73F1E104ZT		
D201,202	276 0432 903	1SS270A TE (TAPE)			C277,278	257 0511 904	CK73F1H103ZT		
D251,252	276 0432 903	1SS270A TE (TAPE)			C279,280	254 4302 974	CE04W1A101MT(SRE)		
D453	276 0740 909	KDS184-RTK(K-COM)			C451,452	257 0516 954	CK73B1E104KT		
D459	276 0432 903	1SS270A TE (TAPE)			C453,454	254 4538 939	CE04W1C470MT SMG/RE3		
					C455	254 4533 921	CE04W0J101MT SMG/RE3		
					C457	257 0504 940	CC73CH1H330JT		
					C458	257 0501 901	CK73B1H103KT (1608)		
					C459,460	257 0503 925	CC73CH1H100DT		
					C461	255 1265 978	CQ93M1H223JT(B)		

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
C462	254 4524 972	CE04W1H4R7MT SMG/RE3			C903	253 1181 904	CK45F1H103ZT(DD-3)		
C463	257 0506 951	CC73CH1H101JT			C912	254 4524 985	CE04W1H100MT SMG/RE3		
C464	254 4524 943	CE04W1H010MT SMG/RE3			C913-918	254 4524 901	CE04W1H0R1MT SMG/RE3		
C465	254 4538 900	CE04W1C100MT SMG/RE3			C919	254 4522 958	CE04W1V101MT SMG/RE3		
C466	255 1264 908	CQ93M1H102JT(B)			C964,965	254 4524 901	CE04W1H0R1MT SMG/RE3		
C467	254 4536 928	CE04W1A101MT SMG/RE3			OTHER PARTS GROUP				
C468	257 0511 904	CK73F1H103ZT							Q'ty
C469	255 1264 911	CQ93M1H122JT(B)			CW031	203 4834 004	3P KR-DA CON CORD	for EU,EC	1
C470	257 0506 993	CC73CH1H151JT			CW077	205 0942 022	7P CON.SOCKET(TUC-P		1
C471	254 4524 943	CE04W1H010MT SMG/RE3			CW104	205 0885 053	10P CON.SOCKET TUC-P		1
C472	256 1058 955	CF93A1H683JT (JL)			CW116	205 1092 023	11P CON PLUG TWG-P		1
C473	257 0508 917	CC73CH1H471JT			CW118	205 1092 023	11P CON PLUG TWG-P		1
C474	257 0510 918	CK73B1H332KT			CW133,134	205 1092 036	13P CON PLUG TWG-P		2
C486,487	257 0504 940	CC73CH1H330JT			CW136	205 1248 042	13P JE CON.PLUG		1 *
C488	254 4536 928	CE04W1A101MT SMG/RE3			CW144,145	205 0885 011	14P CON.SOCKET TUC-P		2
C489	257 0511 904	CK73F1H103ZT			CW154	205 1248 055	15P JE CON.PLUG		1 *
C490	254 4538 900	CE04W1C100MT SMG/RE3			CW155	205 1249 054	15P JE CON.BASE		1 *
C503,504	254 4538 939	CE04W1C470MT SMG/RE3			CW191-193	205 1092 007	19P CON.PLUG(TWG-P)		3
C505-512	257 0511 904	CK73F1H103ZT			CW952	205 0885 040	15P CON.SOCKET TUC-P		1
C513,514	254 4536 928	CE04W1A101MT SMG/RE3			CX073	205 1081 018	7P FJ CONN.BASE		1
C517,518	254 4538 939	CE04W1C470MT SMG/RE3			CX115	205 0884 067	11P CON.BASE TUC-P		1
C521-524	257 0511 904	CK73F1H103ZT			CX119	205 0884 067	11P CON.BASE TUC-P		1
C529,530	254 4536 928	CE04W1A101MT SMG/RE3			CX132	205 0943 005	13P CON.BASE(TUC-P)		1
C532,533	256 1058 939	CF93A1H473JT (JL)			CX144,145	205 0884 012	14P CON.BASE TUC-P		2
C534	254 4524 943	CE04W1H010MT SMG/RE3			CX152	205 0884 041	15P CON.BASE TUC-P		1
C535	256 1058 939	CF93A1H473JT (JL)			FB458,459	235 0049 900	BEADS INDUCTOR TAPE		2
C536-539	257 0512 903	CK73F1E104ZT			FB701-708	235 0147 909	E.FIL(BLM21PG221SN1)		8
C540	254 4524 943	CE04W1H010MT SMG/RE3			FB709,710	247 0018 905	RM73B--0R0KT		2
C541-546	257 0512 903	CK73F1E104ZT			FB711,712	235 0147 909	E.FIL(BLM21PG221SN1)		2
C588	257 0512 903	CK73F1E104ZT			JK201	204 8565 000	1P PIN JACK(S-GND		1
C601	257 0501 901	CK73B1H103KT (1608)			JK202-204	204 8653 006	3P PIN JACK (S2GND)		3 *
C602	254 4538 900	CE04W1C100MT SMG/RE3			JK401-403	205 1245 003	3P S TERMINAL-S2GND		3 *
C603	257 0512 903	CK73F1E104ZT			JK404	205 0902 004	1P S-TERMINAL(SW)		1
C604	254 4533 947	CE04W0J331MT SMG/RE3			JK701,702	204 8260 004	MINI JACK		2
C605	257 0512 903	CK73F1E104ZT			JK703	204 8649 007	MINI JACK (RD)		1
C606	254 4533 947	CE04W0J331MT SMG/RE3			JK704	204 8657 002	MINI JACK		1 *
C607	257 0512 903	CK73F1E104ZT			L451	235 0060 963	INDUCTOR(150)ST		1
C608	254 4533 947	CE04W0J331MT SMG/RE3			S201	212 0373 000	ROT.ENCODER-EC16B		1
C701	257 0509 929	CK73B1H102KT		*	S202-205	212 5611 903	TACT SWITCH(TAPE H5)		4
C702-706	257 0512 903	CK73F1E104ZT			TP601	205 0154 030	3P NH CONNECTOR BASE		1
C707	254 4402 926	CE04W1H0R1MT(KRE)		*	W701,702	205 1034 007	M3 SCREW TERMINAL		2
C708-710	257 0512 903	CK73F1E104ZT			W708,709	205 1034 010	M3 SCREW TERMINAL		2
C711-714	254 4402 926	CE04W1H0R1MT(KRE)		*	X451	399 0739 006	X'TAL(14.32M-RIBER)		1
C715	257 0512 903	CK73F1E104ZT			X452	399 0105 009	CSB503F2		1
C716	254 4455 931	CE04W0J101MT(KRE)		*					
C717	257 0512 903	CK73F1E104ZT							
C901	253 1181 904	CK45F1H103ZT(DD-3)							
C902	254 4524 956	CE04W1H2R2MT SMG/RE3							

Note : The symbols in the column "Remarks" indicate the following destinations.
 EU : U.S.A. model E1C : China model
 EC : Canada model E1H : Hong Kong model
 E2 : Europe model EUT : Taiwan R.O.C. model
 E1 : Asia model E1K : Korea model

1U-3471 CONTROL UNIT ASS'Y (Except Japan model)

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					RESISTORS GROUP				
IC101	262 2549 002	LC75721E			D504	276 0454 910	HZS3C-2TD		
IC102	499 0303 004	GP1UM271XK			D505	276 0432 903	1SS270A TE (TAPE)		
IC103	262 2745 903	BU2090F(E2)			ZD101	276 0484 919	HZS33-2TD		
IC104	268 0073 905	ICP-N15T			LD102-107	393 9434 906	SEL1210S(TP2)	Red	
IC501	262 2580 906	CXA1511M			LD109,110	393 9434 906	SEL1210S(TP2)	Red	
IC503	263 1040 903	BU4094BCF-E2			LD111-114	393 9452 904	SEL1410E(TP2)	Green	
IC505	263 1048 002	BA033T			CAPACITORS GROUP				
IC506	262 3150 005	M30624MGA		*	R137	241 2387 908	RD14B2E010JNBST		
IC507	262 2517 908	SN74LV08APW-EL2			R579	241 2387 908	RD14B2E010JNBST		
IC701	263 1100 021	KIA7812API			CAPACITORS GROUP				
IC702	263 0432 907	NJM78L05AT			C102	257 0512 903	CK73F1E104ZT		
IC801	262 2547 907	LC72720NM	for E2		C103,104	254 4193 905	CE04W1C100MT (SRA)		
TR101	271 0301 903	2SA/KTA1268BL-AT			C107	256 1058 971	CF93A1H104JT (JL)		
TR111	269 0184 907	KRA102S-RTK			C109	254 4196 999	CE04W1H220MT (SRA)		
TR112	269 0191 903	KRA104S-RTK(47K-47K)			C110-113	257 0511 904	CK73F1H103ZT		
TR113-115	269 0193 901	KRC104S-RTK(47K-47K)			C115	257 0511 904	CK73F1H103ZT		
TR116,117	269 0191 903	KRA104S-RTK(47K-47K)			C117	257 0509 929	CK73B1H102KT		
TR118	269 0192 902	KRC102S-RTK(10K-10K)			C120	257 0504 937	CC73CH1H300JT		
TR505	269 0191 903	KRA104S-RTK(47K-47K)			C121	254 4193 905	CE04W1C100MT (SRA)		
TR509	272 0161 900	2SB1412TL(PQR)			C122	257 0511 917	CK73F1H223ZT		
TR510	269 0192 902	KRC102S-RTK(10K-10K)			C123,124	254 4524 943	CE04W1H010MT SMG/RE3		
TR513	272 0161 900	2SB1412TL(PQR)			C125	257 0511 904	CK73F1H103ZT		
TR514-516	269 0192 902	KRC102S-RTK(10K-10K)			C126	257 0509 929	CK73B1H102KT		
TR517	272 0161 900	2SB1412TL(PQR)			C128	254 4540 011	CE04W1J471M(SMG)		*
TR518	269 0192 902	KRC102S-RTK(10K-10K)			C129	256 1042 903	CF93A2E104KT		
TR519	269 0193 901	KRC104S-RTK(47K-47K)			C504	257 0516 954	CK73B1E104KT		
TR520	269 0191 903	KRA104S-RTK(47K-47K)			C505	254 4524 943	CE04W1H010MT SMG/RE3		
TR521-523	269 0193 901	KRC104S-RTK(47K-47K)			C508	257 0506 951	CC73CH1H101JT		
TR524	273 0464 901	KTC3875SGR-RTK			C509	257 0511 904	CK73F1H103ZT		
TR701,702	269 0066 902	DTC323TKT96			C515	254 4538 939	CE04W1C470MT SMG/RE3		
TR703	269 0086 908	DTA114TKT96			C516	257 0511 904	CK73F1H103ZT		
TR704,705	269 0192 902	KRC102S-RTK(10K-10K)			C520	257 0516 954	CK73B1E104KT		
TR706	272 0161 900	2SB1412TL(PQR)			C531	257 0511 904	CK73F1H103ZT		
TR707	272 0161 900	2SB1412TL(PQR)	for E2		C537	254 4536 957	CE04W1A471MT SMG/RE3		
TR708	269 0192 902	KRC102S-RTK(10K-10K)	for E2		C539,540	254 4533 921	CE04W0J101MT SMG/RE3		
TR709	269 0192 902	KRC102S-RTK(10K-10K)			C542	257 0509 929	CK73B1H102KT		
TR801	273 0464 901	KTC3875SGR-RTK	for E2		C543	257 0516 954	CK73B1E104KT		
D103	276 0704 903	1SR35-400A(T93X)			C545	257 0509 929	CK73B1H102KT		
D104	276 0468 906	HZS9B-1TD			C546	254 4533 934	CE04W0J221MT SMG/RE3		
D109-111	276 0432 903	1SS270A TE (TAPE)			C547,548	257 0503 967	CC73CH1H150JT		
D501,502	276 0704 903	1SR35-400A(T93X)			C549	257 0509 929	CK73B1H102KT		
D503	276 0432 903	1SS270A TE (TAPE)			C550	257 0516 954	CK73B1E104KT		
					C551,552	257 0509 929	CK73B1H102KT		
					C553	257 0516 954	CK73B1E104KT		
					C554	254 4534 713	CE04W0J332MC SMG/RE3	for EU,EC	

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
C554	259 0007 702	SB CAP==822=C	for E2,E1,E1C, E1H,EUT,E1K		OTHER PARTS GROUP					
C555	257 0511 904	CK73F1H103ZT			CW073	205 1000 015	7P FJ CONN.PLUG		1	
C557	257 0509 929	CK73B1H102KT			CW141,142	205 1165 002	14P CON PLUG TMC-D		2	
C558	257 0516 954	CK73B1E104KT			CX035	205 1121 033	3P CON.BASE-L(5268)		1	
C559,560	257 0509 929	CK73B1H102KT			CX041,042	205 0884 083	4P CON.BASE(TUC-P)		2	
C561,562	257 0516 954	CK73B1E104KT			CX048	205 0884 083	4P CON.BASE(TUC-P)		1	
C564	257 0512 903	CK73F1E104ZT			CX061	205 0943 018	6P CON.BASE(TUC-P)		1	
C565,566	257 0516 954	CK73B1E104KT			CX076,077	205 0943 021	7P CON.BASE(TUC-P)		2	
C567	254 4533 921	CE04W0J101MT SMG/RE3			CX083	205 0884 096	8P CON BASE(TUC-P)		1	
C568,569	257 0509 929	CK73B1H102KT			CX091	205 0884 038	9P CON.BASE TUC-P		1	
C570	254 4368 934	CE04W1E101MT(ASF)			CX095	205 0884 038	9P CON.BASE TUC-P		1	
C571	257 0512 903	CK73F1E104ZT			CX102	205 0884 054	10P CON.BASE TUC-P		1	
C574	257 0511 904	CK73F1H103ZT			CX104	205 0884 054	10P CON.BASE TUC-P		1	
C575	254 4522 903	CE04W1V4R7MT SMG/RE3			CX112	205 0884 067	11P CON.BASE TUC-P		1	
C576	257 0512 903	CK73F1E104ZT			CX133	205 1091 037	13P CON BASE TWG-P		1	
C581	256 1058 984	CF93A1H124JT (JL)			CX136	205 1249 041	13P JE CON.BASE		1	*
C591	257 0509 929	CK73B1H102KT			CX141,142	205 1164 003	14P CON SOCKET TMC-D		2	
C593	257 0509 929	CK73B1H102KT			CX151	205 0884 041	15P CON.BASE TUC-P		1	
C611-614	257 0512 903	CK73F1E104ZT			CX154	205 1249 054	15P JE CON.BASE		1	*
C701	257 0509 929	CK73B1H102KT			CX157,158	205 0884 041	15P CON.BASE TUC-P		2	
C702	257 0511 920	CK73F1H473ZT			CX191,192	205 1091 008	19P CON.BASE(TWG-P)		2	
C703-706	257 0509 929	CK73B1H102KT			CX931	205 0234 031	3P EH SID CONN BASE		1	
C709	257 0506 951	CC73CH1H101JT			CX951,952	205 0884 041	15P CON.BASE TUC-P		2	
C712	254 4538 900	CE04W1C100MT SMG/RE3			FB101	235 0049 900	BEADS INDUCTOR TAPE		1	
C713-715	254 4524 943	CE04W1H010MT SMG/RE3			FB501	235 0147 909	E.FIL(BLM21PG221SN1)		1	
C801	257 0507 976	CC73CH1H331JT	for E2		FB502	247 0018 905	RM73B—0R0KT		1	
C802	254 4524 943	CE04W1H010MT SMG/RE3	for E2		FB503,504	235 0147 909	E.FIL(BLM21PG221SN1)		2	
C803	254 4538 900	CE04W1C100MT SMG/RE3	for E2		FB507	235 0049 900	BEADS INDUCTOR TAPE		1	
C804	257 0516 909	CK73B1E223KT	for E2		FB509	235 0049 900	BEADS INDUCTOR TAPE		1	
C805	257 0508 933	CC73CH1H561JT	for E2		FB511	235 0049 900	BEADS INDUCTOR TAPE		1	
C806	257 0516 909	CK73B1E223KT	for E2		FL101	393 8033 007	FLD(CM1690C)		1	
C807	254 4524 943	CE04W1H010MT SMG/RE3	for E2		S101-112	212 5611 903	TACT SWITCH(TAPE H5)		12	
C808,809	257 0504 924	CC73CH1H270JT	for E2		S113	212 0373 000	ROT.ENCODER-EC16B		1	
					S114	212 0422 003	ROT.ENCODER		1	
					W724	203 0526 002	1P CONTACT ASS'Y		1	
					X502	399 0624 001	X'TAL(15.0MHZ)		1	
					X801	399 0178 007	X-TAL(4.332MHZ)	for E2	1	

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 EC : Canada model E1H : Hong Kong model
 E2 : Europe model EUT : Taiwan R.O.C. model
 E1 : Asia model E1K : Korea model

1U-3472 AMP CONNECT UNIT ASS'Y (Except Japan model)

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					RESISTORS GROUP				
IC601	263 1048 002	BA033T			TR621	273 0468 907	2SC/KTC3199GR-AT		*
IC602	263 1179 007	NJM7805FA(SS)-#4MS		*	TR622	272 0158 007	2SB/KTB778(R/O)		
IC603	263 0554 005	NJM7905FA			TR623	274 0198 005	2SD/KTD998(R/O)		
IC604	263 1100 047	KIA7820API			TR624	269 0206 908	KRC102M-AT(10K-10K)		*
IC605	263 1100 005	KIA7805API			TR625	269 0204 900	KRA102M-AT(10K-10K)		*
IC606	263 1180 038	KIA78R09API		*	D101-106	276 0432 903	1SS270A TE (TAPE)		
TR105,106	273 0459 903	KTC2874B-AT			D201	276 0432 903	1SS270A TE (TAPE)		
TR107-110	271 0094 919	2SA970(BL)TPE2			D203	276 0432 903	1SS270A TE (TAPE)		
TR111,112	273 0281 906	2SC2705 (O)/(Y)TPE6			D205	276 0432 903	1SS270A TE (TAPE)		
TR113,114	271 0168 900	2SA1145 (O)/(Y)TPE6			D301-306	276 0432 903	1SS270A TE (TAPE)		
TR115,116	273 0281 906	2SC2705 (O)/(Y)TPE6			D401-406	276 0432 903	1SS270A TE (TAPE)		
TR205	273 0459 903	KTC2874B-AT			D510	276 0432 903	1SS270A TE (TAPE)		
TR207	271 0094 919	2SA970(BL)TPE2			D602	276 0305 001	S4VB20		
TR209	271 0094 919	2SA970(BL)TPE2			D603,604	276 0432 903	1SS270A TE (TAPE)		
TR211	273 0281 906	2SC2705 (O)/(Y)TPE6			D605	276 0305 001	S4VB20		
TR213	271 0168 900	2SA1145 (O)/(Y)TPE6			D606,607	276 0432 903	1SS270A TE (TAPE)		
TR215	273 0281 906	2SC2705 (O)/(Y)TPE6			D608	276 0305 001	S4VB20		
TR305,306	273 0459 903	KTC2874B-AT			D609,610	276 0704 903	1SR35-400A(T93X)		
TR307-310	271 0094 919	2SA970(BL)TPE2			D611	276 0432 903	1SS270A TE (TAPE)		
TR311,312	273 0281 906	2SC2705 (O)/(Y)TPE6			D612	276 0747 902	RB441Q-40T-77		
TR313,314	271 0168 900	2SA1145 (O)/(Y)TPE6			ZD601,602	276 0477 926	HZS16-3TD		
TR315,316	273 0281 906	2SC2705 (O)/(Y)TPE6			ZD603	276 0474 903	HZS12B-1TD		
TR405,406	273 0459 903	KTC2874B-AT			ZD604,605	276 0463 901	HZS6C-1TD		
TR407-410	271 0094 919	2SA970(BL)TPE2			PT601	279 0034 067	PTH9M04BB222TS2F333		
TR411,412	273 0281 906	2SC2705 (O)/(Y)TPE6			RESISTORS GROUP				
TR413,414	271 0168 900	2SA1145 (O)/(Y)TPE6			R127,128	241 2379 987	RD14B2E102JNBST		
TR415,416	273 0281 906	2SC2705 (O)/(Y)TPE6			R133,134	241 2379 987	RD14B2E102JNBST		
TR601	272 0158 007	2SB/KTB778(R/O)		*	R137,138	244 2671 914	RS14B3D153JNBST(S)		
TR602	271 0313 904	KTA1281Y-AT		*	R139,140	241 2378 920	RD14B2E221JNBST		
TR603	273 0468 907	2SC/KTC3199GR-AT		*	R141,142	241 2378 946	RD14B2E271JNBST		
TR604	269 0206 908	KRC102M-AT(10K-10K)		*	R143,144	241 2378 920	RD14B2E221JNBST		
TR605	271 0313 904	KTA1281Y-AT		*	R227	241 2379 987	RD14B2E102JNBST		
TR606	273 0469 906	2SC/KTC3209Y-AT		*	R233	241 2379 987	RD14B2E102JNBST		
TR607	273 0468 907	2SC/KTC3199GR-AT		*	R237	244 2671 914	RS14B3D153JNBST(S)		
TR608	271 0311 906	2SA/KTA1267GR-AT		*	R239	241 2378 920	RD14B2E221JNBST		
TR609	269 0206 908	KRC102M-AT(10K-10K)		*	R241	241 2378 946	RD14B2E271JNBST		
TR610	271 0313 904	KTA1281Y-AT		*	R243	241 2378 920	RD14B2E221JNBST		
TR611	273 0468 907	2SC/KTC3199GR-AT		*	R327,328	241 2379 987	RD14B2E102JNBST		
TR612	269 0206 908	KRC102M-AT(10K-10K)		*	R333,334	241 2379 987	RD14B2E102JNBST		
TR613	274 0198 005	2SD/KTD998(R/O)		*	R337,338	244 2671 914	RS14B3D153JNBST(S)		
TR614	272 0158 007	2SB/KTB778(R/O)		*	R339,340	241 2378 920	RD14B2E221JNBST		
TR615	273 0468 907	2SC/KTC3199GR-AT		*					
TR616	271 0311 906	2SA/KTA1267GR-AT		*					
TR617,618	275 0042 905	2SK373(Y)TPE2		*					
TR619	273 0468 907	2SC/KTC3199GR-AT		*					
TR620	269 0206 908	KRC102M-AT(10K-10K)		*					

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
R341,342	241 2378 946	RD14B2E271JNBST			C415,416	255 1264 966	CQ93M1H332JT(B)		
R343,344	241 2378 920	RD14B2E221JNBST			C417,418	254 4577 958	CE04W1C221MT(RE3)		
R427,428	241 2379 987	RD14B2E102JNBST			C419,420	253 4482 901	CC45SL2H330JT		
R433,434	241 2379 987	RD14B2E102JNBST			C421,422	253 4465 902	CC45SL2H050CT		
R437,438	244 2671 914	RS14B3D153JNBST(S)			C423,424	253 4486 907	CC45SL2H470JT		
R439,440	241 2378 920	RD14B2E221JNBST			C425,426	255 1275 942	CQ93M2A221KT(B)		
R441,442	241 2378 946	RD14B2E271JNBST			C525	253 8022 707	CK45F2EAC103MC		
R443,444	241 2378 920	RD14B2E221JNBST			C601-604	256 1058 971	CF93A1H104JT (JL)		
R603	241 2376 919	RD14B2E300JNBST			C605,606	256 1042 903	CF93A2E104KT		
R623,624	241 2376 919	RD14B2E300JNBST			C607	254 4541 939	CE04W1E470MT SMG/RE3		
R626	244 2052 931	RS14B3A391JNBST(S)			C608	254 4524 969	CE04W1H3R3MT SMG/RE3		
CAPACITORS GROUP					C609	254 4524 943	CE04W1H010MT SMG/RE3		
C107,108	254 4577 932	CE04W1C470MT(RE3)			C610	254 6233 708	CE04W1C183MC(SMQ)		*
C109,110	254 4573 981	CE04W1H100MT(RE3)			C611	256 1042 903	CF93A2E104KT		
C111,112	255 1273 944	CQ93M1H221KT(B)			C613-616	254 4524 943	CE04W1H010MT SMG/RE3		
C113,114	255 1273 986	CQ93M1H471JT(B)			C617	254 4442 708	CE04W1C682MC (SMG)		
C115,116	255 1264 966	CQ93M1H332JT(B)			C618	254 4472 707	CE04W1C472MC (SMG)		
C117,118	254 4577 958	CE04W1C221MT(RE3)			C619,620	254 4524 943	CE04W1H010MT SMG/RE3		
C119,120	253 4482 901	CC45SL2H330JT			C622	254 4569 911	CE04W1E470MT(RE3)		
C121,122	253 4465 902	CC45SL2H050CT			C623	254 4569 924	CE04W1E101MT(RE3)		
C123,124	253 4486 907	CC45SL2H470JT			C625	254 4524 943	CE04W1H010MT SMG/RE3		
C125,126	255 1275 942	CQ93M2A221KT(B)			C626,627	254 4569 937	CE04W1E221MT(RE3)		
C207	254 4577 932	CE04W1C470MT(RE3)			C628,629	254 4569 911	CE04W1E470MT(RE3)		
C209	254 4573 981	CE04W1H100MT(RE3)			C630,631	254 6232 709	CE04W1V682MC(ASF)L35		*
C211	255 1273 944	CQ93M1H221KT(B)			C636	254 4538 939	CE04W1C470MT SMG/RE3		
C213	255 1273 986	CQ93M1H471JT(B)			C639,640	254 4522 783	CE04W1V471MC SMG/RE3		
C215	255 1264 966	CQ93M1H332JT(B)			C641,642	254 4524 943	CE04W1H010MT SMG/RE3		
C217	254 4577 958	CE04W1C221MT(RE3)			C643	254 4524 901	CE04W1H0R1MT SMG/RE3		
C219	253 4482 901	CC45SL2H330JT							
C221	253 4465 902	CC45SL2H050CT							
C223	253 4486 907	CC45SL2H470JT							
C225	255 1275 942	CQ93M2A221KT(B)							
C307,308	254 4577 932	CE04W1C470MT(RE3)							
C309,310	254 4573 981	CE04W1H100MT(RE3)							
C311,312	255 1273 944	CQ93M1H221KT(B)							
C313,314	255 1273 986	CQ93M1H471JT(B)							
C315,316	255 1264 966	CQ93M1H332JT(B)							
C317,318	254 4577 958	CE04W1C221MT(RE3)							
C319,320	253 4482 901	CC45SL2H330JT							
C321,322	253 4465 902	CC45SL2H050CT							
C323,324	253 4486 907	CC45SL2H470JT							
C325,326	255 1275 942	CQ93M2A221KT(B)							
C407,408	254 4577 932	CE04W1C470MT(RE3)							
C409,410	254 4573 981	CE04W1H100MT(RE3)							
C411,412	255 1273 944	CQ93M1H221KT(B)							
C413,414	255 1273 986	CQ93M1H471JT(B)							

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
OTHER PARTS GROUP											
△ AC501	203 3976 002	AC OUTLET(2P)	for EU,EC	1		△ S501	212 1030 009	POWER SWITCH (TV-5)	for E2,E1,E1C, E1H,EUT,E1K	1	
CW035,036	205 0697 034	JL CONNECTOR(F-E)		2		ST101	205 0452 017	STYLE PIN		1	
CW044	205 0885 082	4P CON.SOCKET(TUC-P)		1		ST501	205 1034 007	M3 SCREW TERMINAL	for E2,E1,E1C, E1H,E1K	1	
CW063-069	205 0942 019	6P CON.SOCKET(TUC-P)		7		ST601	205 1034 010	M3 SCREW TERMINAL		1	
CW082	205 0885 095	8P CON.SOCKET(TUC-P)		1			415 0309 026	P.V.C. TUBE(L=20)	for PT601	2	
CW114	205 1229 016	11P FJ CONN.PLUG		1	*		417 0644 004	HEAT SINK	for D602	1	*
CW115	205 0885 066	11P CON.SOCKET TUC-P		1			470 0014 020	3X16 CPS SW W ZNP	for D602	1	
CW119	205 0885 066	11P CON.SOCKET TUC-P		1			513 3730 048	FUSE LABEL(T2.5AL)	for E2,E1,E1H	1	
CW132	205 0942 006	13P CON.SOCKET(TUC-P)		1			513 3730 051	FUSE LABEL(T3.15AL)	for E2,E1C,E1K	6	
CW143	205 1229 029	14P FJ CONN.PLUG		1	*		513 3730 051	FUSE LABEL(T3.15AL)	for E1,E1H	5	
CW152	205 0885 040	15P CON.SOCKET TUC-P		1			513 3730 080	FUSE LABEL(T6.3AL)	for E1,E1H	1	
CX021	205 0581 069	2P VH-VH CON BASE	for E2,E1,E1C, E1H,EUT,E1K	1			415 0299 000	CONDENSER COVER	for C410 for E2,E1,E1C E1H,E1K	1	
CX022	205 0581 056	2P VH CONNECTOR BASE		1							
CX023	205 1093 006	2P VH CONNECTOR BASE	for E2,E1,E1H	1							
CX024	205 0581 001	2P VH CONNECTOR BASE		1							
CX062	205 0943 018	6P CON.BASE(TUC-P)		1							
CX071,072	205 0943 021	7P CON.BASE(TUC-P)		2							
CX093	205 0233 090	9P EH CONNECTOR BASE		1							
CX111	205 0884 067	11P CON.BASE TUC-P		1							
CX113	205 0884 067	11P CON.BASE TUC-P		1							
CX116	205 1091 024	11P CON BASE TWG-P		1							
CX153	205 0884 041	15P CON.BASE TUC-P		1							
CX155	205 1248 055	15P JE CON.PLUG		1	*						
CX156	205 1253 008	15P FFC CONNECTOR-FE		1	*						
CX193	205 1091 008	19P CON.BASE(TWG-P)		1							
CY021	205 0581 069	2P VH-VH CON BASE	for E2,E1,E1C, E1H,EUT,E1K	1							
△ F1	206 1046 014	FUSE 8A	for EU,EC,EUT	1							
△ F1	206 1015 074	FUSE 3.15A	for E2,E1C,E1K	1							
△ F1	206 1036 011	FUSE (6.3A)	for E1,E1H	1							
△ F8	206 1046 014	FUSE 8A	for EU,EC,EUT	1							
△ F8	206 1015 032	FUSE (2.5A)	for E2,E1,E1H	1							
△ F11-15	206 1039 089	FUSE 3.15A	for EU,EC,EUT	5							
△ F11-15	206 1015 074	FUSE 3.15A	for E2,E1,E1C, E1H,E1K	5							
FF501	202 0040 909	FUSE CLIP (TAPE)		1							
FF502	202 0040 909	FUSE CLIP (TAPE)	for EU,EC,E2, E1,E1H,EUT	1							
FF601-605	202 0040 909	FUSE CLIP (TAPE)		5							
FH501	202 0040 909	FUSE CLIP (TAPE)		1							
FH502	202 0040 909	FUSE CLIP (TAPE)	for EU,EC,E2, E1,E1H,EUT	1							
FH601-605	202 0040 909	FUSE CLIP (TAPE)		5							
△ RL502	214 0221 006	RELAY TV-8		1							

Note : The symbols in the column "Remarks" indicate the following destinations.
 EU : U.S.A. model E1C : China model
 EC : Canada model E1H : Hong Kong model
 E2 : Europe model EUT : Taiwan R.O.C. model
 E1 : Asia model E1K : Korea model

1U-3473 AUDIO/DIGITAL UNIT ASS'Y (Except Japan model)

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					CAPACITORS GROUP				
IC101,102	262 2545 006	TC9274N-011			TR513-516	269 0184 907	KRA102S-RTK		
IC205	263 0896 909	NJM2068MD-TE1			TR517,518	273 0460 905	KTC2875B-RTK		
IC207	263 0896 909	NJM2068MD-TE1			TR519	269 0192 902	KRC102S-RTK(10K-10K)		
IC209	263 0615 902	BA15218F-DXE2			TR520	269 0184 907	KRA102S-RTK		
IC301	262 2919 001	TC9274N-017			TR521-536	273 0460 905	KTC2875B-RTK		
IC302	263 0896 909	NJM2068MD-TE1			TR801	272 0161 900	2SB1412TL(PQR)		
IC361	263 0896 909	NJM2068MD-TE1			TR802	269 0192 902	KRC102S-RTK(10K-10K)		
IC371	262 3168 903	TC94A32F		*	TR803	269 0184 907	KRA102S-RTK		
IC372	263 0898 907	NJM5532MD-TE1			TR804,805	269 0192 902	KRC102S-RTK(10K-10K)		
IC373	262 3168 903	TC94A32F		*	D502,503	276 0738 908	KDS226-RTK(A-K)		
IC374	263 0898 907	NJM5532MD-TE1			D504-507	276 0740 909	KDS184-RTK(K-COM)		
IC376	262 3168 903	TC94A32F		*	CAPACITORS GROUP				
IC377	263 0898 907	NJM5532MD-TE1			C101,102	257 0507 976	CC73CH1H331JT		
IC378	262 3168 903	TC94A32F		*	C103	257 0512 903	CK73F1E104ZT		
IC379	263 0898 907	NJM5532MD-TE1			C104-109	257 0511 904	CK73F1H103ZT		
IC381	262 2540 904	TC9459F-EL			C110	257 0509 929	CK73B1H102KT		
IC382	263 0615 902	BA15218F-DXE2			C113,114	257 0507 976	CC73CH1H331JT		
IC501-505	262 3065 006	TORX141			C117-120	254 4573 949	CE04W1H010MT(RE3)		
IC506,507	262 3064 007	TOTX141			C121	254 4524 943	CE04W1H010MT SMG/RE3		
IC508	263 0934 900	BA4510F-E2			C122-129	257 0507 976	CC73CH1H331JT		
IC510-512	262 3077 900	TC74VHCU04FT			C167,168	257 0507 976	CC73CH1H331JT		
IC513,514	262 2944 908	SN74HC151APW-EL2			C169-172	257 0506 951	CC73CH1H101JT		
IC515	263 0934 900	BA4510F-E2			C174	257 0511 904	CK73F1H103ZT		
IC517	263 0934 900	BA4510F-E2			C177,178	257 0511 904	CK73F1H103ZT		
IC519	262 3069 905	PCM1804			C188	257 0509 929	CK73B1H102KT		
IC520	262 3066 102	LC89057W-VF4-E(AC)			C205,206	254 4573 965	CE04W1H3R3MT(RE3)		
IC521	262 3062 902	FCX0-03(24.576MHZ)			C209,210	254 4573 949	CE04W1H010MT(RE3)		
IC522	262 2959 906	SN74LV244APW			C211,212	254 4573 994	CE04W1H220MT(RE3)		
IC523-526	262 3152 906	PCM1791		*	C213,214	254 4573 965	CE04W1H3R3MT(RE3)		
IC527	263 0896 909	NJM2068MD-TE1			C217,218	254 4573 949	CE04W1H010MT(RE3)		
IC529	263 0896 909	NJM2068MD-TE1			C219,220	254 4573 994	CE04W1H220MT(RE3)		
IC531	263 0896 909	NJM2068MD-TE1			C221,222	254 4538 900	CE04W1C100MT SMG/RE3		
IC533	263 0896 909	NJM2068MD-TE1			C225,226	254 4524 998	CE04W1H220MT SMG/RE3		
IC535	263 0896 909	NJM2068MD-TE1			C301-306	257 0507 976	CC73CH1H331JT		
IC536	263 1079 903	BA033FP			C309-316	257 0507 976	CC73CH1H331JT		
IC801,802	262 3175 909	74VHC00MTCX		*	C319,320	257 0507 934	CC73CH1H221JT		
IC803	262 3176 908	74VHC74MTCX		*	C321,322	254 4538 900	CE04W1C100MT SMG/RE3		
IC804	262 2870 904	74LVX157MTC			C323	257 0506 951	CC73CH1H101JT		
IC805	263 1164 009	PQ018EF01SZ			C324,325	254 4533 934	CE04W0J221MT SMG/RE3		
IC806	262 3167 001	TMP91CW12AF		*	C326	257 0506 951	CC73CH1H101JT		
IC807	262 2517 908	SN74LV08APW-EL2			C327,328	255 4199 999	CQ92M1H243JT(MRZ)		
TR501	269 0192 902	KRC102S-RTK(10K-10K)			C329,330	255 1265 907	CQ93M1H682JT(B)		
TR502	269 0184 907	KRA102S-RTK			C331,332	254 4538 900	CE04W1C100MT SMG/RE3		
TR503	269 0192 902	KRC102S-RTK(10K-10K)			C335	257 0512 903	CK73F1E104ZT		
TR504	269 0184 907	KRA102S-RTK			C336	257 0509 929	CK73B1H102KT		
TR505-512	269 0192 902	KRC102S-RTK(10K-10K)			C337	257 0512 903	CK73F1E104ZT		
					C339	257 0512 903	CK73F1E104ZT		

Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
C341	257 0512 903	CK73F1E104ZT			C551	257 0512 903	CK73F1E104ZT		
C342	254 4573 949	CE04W1H010MT(RE3)			C552	257 0509 929	CK73B1H102KT		
C343	257 0512 903	CK73F1E104ZT			C553	255 1264 982	CQ93M1H472JT(B)		
C344	254 4573 949	CE04W1H010MT(RE3)			C554	257 0512 903	CK73F1E104ZT		
C345	257 0512 903	CK73F1E104ZT			C555	254 4538 900	CE04W1C100MT SMG/RE3		
C346	254 4573 949	CE04W1H010MT(RE3)			C556-559	254 4538 939	CE04W1C470MT SMG/RE3		
C347	257 0512 903	CK73F1E104ZT			C560-563	257 0516 909	CK73B1E223KT		
C348	254 4573 949	CE04W1H010MT(RE3)			C564	254 4573 981	CE04W1H100MT(RE3)		
C349	257 0512 903	CK73F1E104ZT			C566	254 4573 981	CE04W1H100MT(RE3)		
C351	254 4524 943	CE04W1H010MT SMG/RE3			C568	254 4573 981	CE04W1H100MT(RE3)		
C353	254 4524 943	CE04W1H010MT SMG/RE3			C570	254 4573 981	CE04W1H100MT(RE3)		
C361,362	254 4538 900	CE04W1C100MT SMG/RE3			C583	254 4573 981	CE04W1H100MT(RE3)		
C363,364	254 4573 949	CE04W1H010MT(RE3)			C596	257 0507 992	CC73CH1H391JT		
C367-370	256 1058 955	CF93A1H683JT (JL)			C597-599	257 0508 933	CC73CH1H561JT		
C371,372	254 4573 994	CE04W1H220MT(RE3)			C600	257 0506 993	CC73CH1H151JT		
C374,375	254 4573 994	CE04W1H220MT(RE3)			C601,602	257 0508 933	CC73CH1H561JT		
C381-388	254 4573 965	CE04W1H3R3MT(RE3)			C603	257 0507 992	CC73CH1H391JT		
C389-392	257 0502 971	CC73CH1H5R0CT			C604	257 0508 933	CC73CH1H561JT		
C393-396	254 4573 949	CE04W1H010MT(RE3)			C605	257 0506 993	CC73CH1H151JT		
C397,398	254 4573 994	CE04W1H220MT(RE3)			C606	257 0508 933	CC73CH1H561JT		
C400,401	254 4573 994	CE04W1H220MT(RE3)			C607	257 0507 992	CC73CH1H391JT		
C407-414	254 4573 965	CE04W1H3R3MT(RE3)			C608,609	257 0508 933	CC73CH1H561JT		
C415-418	257 0502 971	CC73CH1H5R0CT			C610	257 0507 992	CC73CH1H391JT		
C419-422	254 4573 949	CE04W1H010MT(RE3)			C611	257 0508 933	CC73CH1H561JT		
C424,425	254 4538 900	CE04W1C100MT SMG/RE3			C620-627	254 4573 994	CE04W1H220MT(RE3)		
C426,427	254 4299 906	CE04W1C100MT(SRE)			C628-631	254 4524 901	CE04W1HOR1MT SMG/RE3		
C430,431	254 4573 949	CE04W1H010MT(RE3)			C632,633	254 4569 911	CE04W1E470MT(RE3)		
C432	257 0512 903	CK73F1E104ZT			C634-637	254 4573 981	CE04W1H100MT(RE3)		
C433	254 4524 943	CE04W1H010MT SMG/RE3			C638	255 1264 924	CQ93M1H152JT(B)		
C441-448	254 4569 911	CE04W1E470MT(RE3)			C639,640	255 1264 937	CQ93M1H182JT(B)		
C453,454	257 0506 951	CC73CH1H101JT			C641	255 1264 924	CQ93M1H152JT(B)		
C455,456	257 0507 976	CC73CH1H331JT			C642,643	255 1264 937	CQ93M1H182JT(B)		
C503,504	254 4533 921	CE04W0J101MT SMG/RE3			C644	255 1264 924	CQ93M1H152JT(B)		
C505-511	257 0501 901	CK73B1H103KT (1608)			C645	255 1264 937	CQ93M1H182JT(B)		
C513	257 0516 954	CK73B1E104KT			C646	254 4524 985	CE04W1H100MT SMG/RE3		
C514-520	254 4524 972	CE04W1H4R7MT SMG/RE3			C648	257 0516 909	CK73B1E223KT		
C522-526	257 0516 909	CK73B1E223KT			C801-804	257 0511 904	CK73F1H103ZT		
C527-530	257 0506 951	CC73CH1H101JT			C805	257 0501 901	CK73B1H103KT (1608)		
C531,532	255 1264 908	CQ93M1H102JT(B)			C806	254 4533 921	CE04W0J101MT SMG/RE3		
C533	257 0512 903	CK73F1E104ZT			C808	254 4533 921	CE04W0J101MT SMG/RE3		
C534,535	254 4573 981	CE04W1H100MT(RE3)			C809-811	257 0512 903	CK73F1E104ZT		
C538	254 4538 942	CE04W1C101MT SMG/RE3			C812	254 4524 943	CE04W1H010MT SMG/RE3		
C539,540	254 4573 981	CE04W1H100MT(RE3)			C813,814	257 0504 908	CC73CH1H220JT		
C541	257 0501 901	CK73B1H103KT (1608)			C815	257 0511 904	CK73F1H103ZT		
C544	254 4573 981	CE04W1H100MT(RE3)			C817	254 4368 934	CE04W1E101MT(ASF)		
C545	257 0509 929	CK73B1H102KT			C818,819	254 4347 748	CE04W1H010MC(ARSA)		
C546	257 0516 941	CK73B1E473KT			C990	254 4538 900	CE04W1C100MT SMG/RE3		
C547	254 4533 950	CE04W0J471MT SMG/RE3							
C549	254 4538 942	CE04W1C101MT SMG/RE3							
C550	256 1058 971	CF93A1H104JT (JL)							

1U-3474 DSP UNIT (For All Models)

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New	Ref. No.	Part No.	Part Name	Remarks	New	
OTHER PARTS GROUP						SEMICONDUCTORS GROUP					
AS801	417 0641 007	HEAT SINK	for IC805	1	*	IC801	262 3164 004	ADSST-MEL100		*	
CW041,042	205 0885 082	4P CON.SOCKET(TUC-P)		2		IC802	262 2859 909	74VHC02MTCX		*	
CW048	205 0885 082	4P CON.SOCKET(TUC-P)		1		IC803,804	262 3177 907	74VHC573MTCX			
CW061	205 0942 019	6P CON.SOCKET(TUC-P)		1		IC805	262 3071 003	M29W160DB90N1			
CW071,072	205 0942 022	7P CON.SOCKET(TUC-P)		2		IC806	262 2916 004	64M SDRAM(TSOP)			
CW076	205 0942 022	7P CON.SOCKET(TUC-P)		1		IC808	262 3063 901	FCX0-03(25.000MHZ)			
CW083	205 0885 095	8P CON.SOCKET(TUC-P)		1		D801	276 0750 902	RB521S-30TE61			
CW091	205 0885 037	9P CON.SOCKET TUC-P		1		CAPACITORS GROUP					
CW095	205 0885 037	9P CON.SOCKET TUC-P		1		C801	257 5009 974	CK73F1C104ZT			
CW102	205 0885 053	10P CON.SOCKET TUC-P		1		C802	257 5006 993	CK73B1H102KT			
CW111-113	205 0885 066	11P CON.SOCKET TUC-P		3		C803	254 4603 916	CE67W1E100MT(P.CAP)			
CW151	205 0885 040	15P CON.SOCKET TUC-P		1		C804	257 5009 974	CK73F1C104ZT			
CW157	205 0885 040	15P CON.SOCKET TUC-P		1		C805	257 5006 993	CK73B1H102KT			
CX114	205 1228 017	11P FJ CONN.BASE		1	*	C806	254 4601 918	CE67W0J471MT(P.CAP)			
CX143	205 1228 020	14P FJ CONN.BASE		1	*	C807-809	257 5009 974	CK73F1C104ZT			
CX201,202	205 1246 002	20P PIN HEADER(9142)		2	*	C810-812	257 5006 993	CK73B1H102KT			
FB501	235 0130 903	CHIP EMIFIL(11A121)		1		C813	254 4601 918	CE67W0J471MT(P.CAP)			
FB503-505	235 0130 903	CHIP EMIFIL(11A121)		3		C814-819	257 5009 932	CK73F1E223ZT			
FB507	235 0130 903	CHIP EMIFIL(11A121)		1		C820	257 5009 974	CK73F1C104ZT			
FB511	235 0130 903	CHIP EMIFIL(11A121)		1		C821	257 5006 993	CK73B1H102KT			
FB512	247 2018 903	RM73B--0R0KT		1		C822	254 4603 916	CE67W1E100MT(P.CAP)			
FB513	235 0130 903	CHIP EMIFIL(11A121)		1		OTHER PARTS GROUP					
FB514	247 2018 903	RM73B--0R0KT		1		CW201,202	205 1247 904	20P SOCKET(9142)-SMT		2 *	
FB515	235 0130 903	CHIP EMIFIL(11A121)		1							
FB516	247 2018 903	RM73B--0R0KT		1							
FB517	235 0130 903	CHIP EMIFIL(11A121)		1							
FB518	247 2018 903	RM73B--0R0KT		1							
FB519	235 0049 900	BEADS INDUCTOR TAPE		1							
FB521,522	235 0049 900	BEADS INDUCTOR TAPE		2							
FB801-809	235 0130 903	CHIP EMIFIL(11A121)		9							
JK101-103	204 8656 003	6P PIN JACK (S2GND)		3	*						
JK120	204 8565 000	1P PIN JACK(S-GND)		1							
JK301	204 8562 003	2P PINJACK(S-GND)		1							
JK302	204 8656 003	6P PIN JACK (S2GND)		1	*						
JK401,402	204 8545 004	4P PIN JACK(GND)		2							
JK501	204 8658 001	2P PIN JACK(C-TYPE)		1	*						
L301,302	235 9003 002	FTZ CHOKE COIL	for E2,EUT	2							
TP801	205 0343 074	7P CONN.BASE(KR-PH)		1							
W703	203 0461 002	1P SIN CON.ASS'Y		1							
X801	399 0624 001	X'TAL(15.0MHZ)		1							
	470 0051 009	3X8 CPS(SW,W) ZNP	for IC805	1							

Note : The symbols in the column "Remarks" indicate the following destinations.
 EU : U.S.A. model E1C : China model
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 E2 : Europe model EUT : Taiwan R.O.C. model
 E1 : Asia model E1K : Korea model

1U-3475 VIDEO UNIT ASS'Y (Except Japan Model)

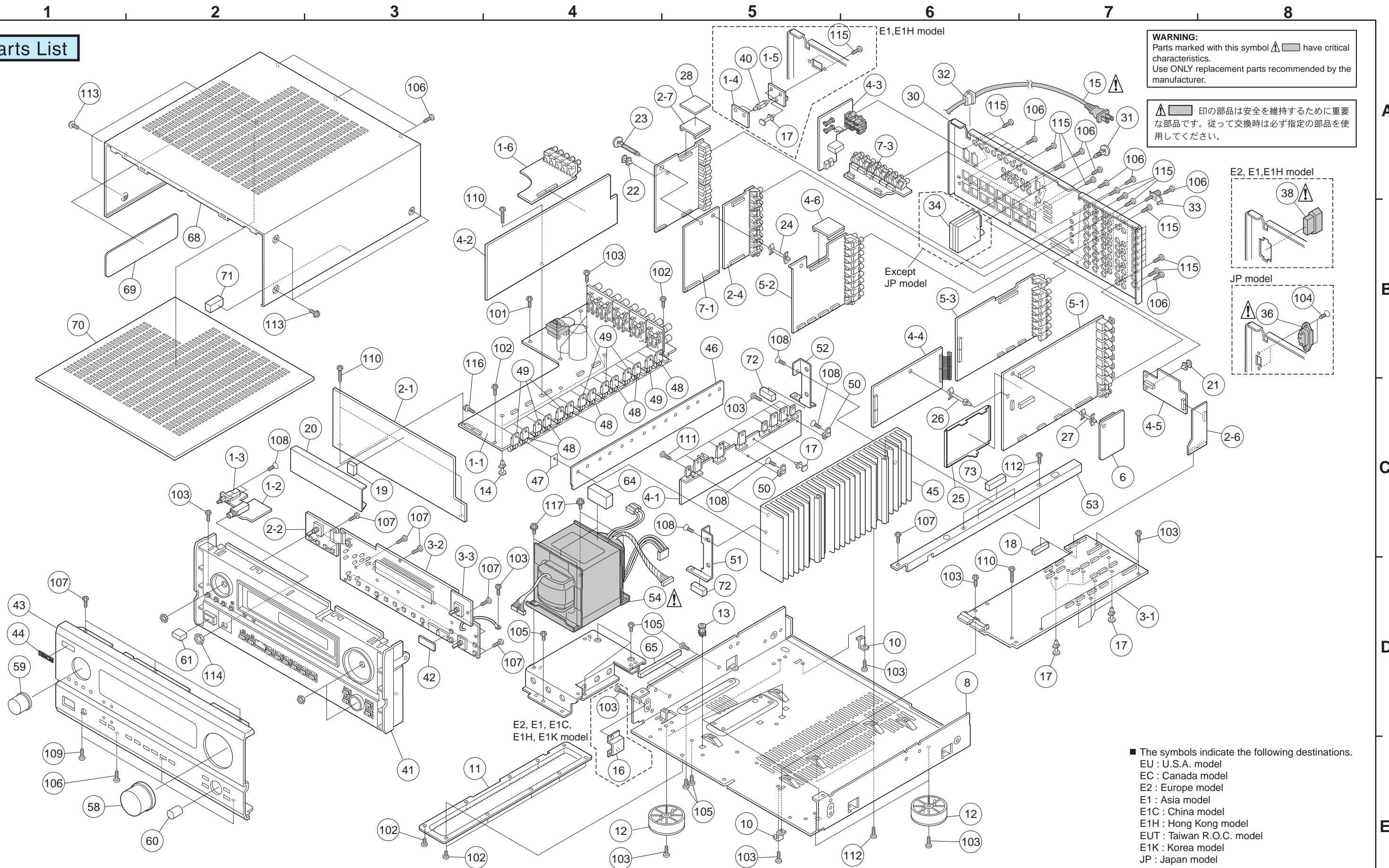
Ref. No.	Part No.	Part Name	Remarks	New	Ref. No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP									
IC101	262 2013 907	BU4053BCF-E2			C131	254 4299 919	CE04W1C220MT(SRE)		
IC102-104	263 1082 903	TK15420MTL			C132,133	257 0501 901	CK73B1H103KT (1608)		
IC105	262 2012 908	BU4052BCF-E2			C134	257 0503 941	CC73CH1H120JT		
IC108	262 2012 908	BU4052BCF-E2			C135,136	254 4299 919	CE04W1C220MT(SRE)		
IC109	262 3110 906	TC90A69F			C137	254 4305 942	CE04W1HR47MT(SRE)		
IC110	263 1165 901	NJM2274R			C138	254 4305 926	CE04W1HR22MT(SRE)		
IC111	262 3108 002	TA1270BF			C139	257 3011 948	CF73=1H222JT(ECHUB5)		
IC112,113	263 1082 903	TK15420MTL			C140	254 4300 963	CE04W0J101MT(SRE)		
IC115	263 1082 903	TK15420MTL			C141	257 0501 901	CK73B1H103KT (1608)		
IC117	263 1082 903	TK15420MTL			C142	254 4305 984	CE04W1H2R2MT(SRE)		
IC120	263 1040 903	BU4094BCF-E2			C143,144	257 0516 954	CK73B1E104KT		
IC501	263 1167 006	TA8772AN	for E2,E1,E1C, E1H,EUT,E1K		C145,146	257 3006 911	CF73=1C104JT(ECHUB5)		
TR101,102	271 0312 905	2SA/KTA1504SGR-RTK		*	C147,148	254 4300 963	CE04W0J101MT(SRE)		
TR501,502	273 0464 901	KTC3875SGR-RTK	for E2,E1,E1C, E1H,EUT,E1K		C149	257 3006 911	CF73=1C104JT(ECHUB5)		
TR503	271 0312 905	2SA/KTA1504SGR-RTK	for E2,E1,E1C, E1H,EUT,E1K		C150	254 4305 900	CE04W1H0R1MT(SRE)		
TR800-802	273 0464 901	KTC3875SGR-RTK			C151	254 4305 984	CE04W1H2R2MT(SRE)		
TR803	271 0310 907	2SA1163(BL)			C152	257 3014 987	CF73=1C223JT(ECHUB5)		
TR807	269 0144 905	DTC114YK-T146			C153-157	254 4305 900	CE04W1H0R1MT(SRE)		
TR812	269 0192 902	KRC102S-RTK(10K-10K)			C158	257 0516 954	CK73B1E104KT		
D101	276 0773 905	RB501V-40			C159	254 4302 974	CE04W1A101MT(SRE)		
D800-803	276 0740 909	KDS184-RTK(K-COM)			C160	257 0503 941	CC73CH1H120JT		
RESISTORS GROUP									
VR101-103	211 6146 940	V06PB102T(RH063)		*	C161	257 0504 908	CC73CH1H220JT		
CAPACITORS GROUP									
C101,102	257 0501 901	CK73B1H103KT (1608)			C162	254 4300 934	CE04W0J220MT(SRE)		
C103,104	254 4300 963	CE04W0J101MT(SRE)			C163	254 4300 963	CE04W0J101MT(SRE)		
C105,106	257 0503 941	CC73CH1H120JT			C164,165	254 4300 918	CE04W0J100MT(SRE)		
C107,108	257 0504 908	CC73CH1H220JT			C166-168	254 4300 963	CE04W0J101MT(SRE)		
C109,110	254 4300 918	CE04W0J100MT(SRE)			C169-171	257 0501 901	CK73B1H103KT (1608)		
C111,112	257 0501 901	CK73B1H103KT (1608)			C501,502	257 0501 901	CK73B1H103KT (1608)	for E2,E1,E1C, E1H,EUT,E1K	
C113	254 4299 919	CE04W1C220MT(SRE)			C503	254 4299 964	CE04W1C470MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
C114,115	257 0501 901	CK73B1H103KT (1608)			C504	257 0501 901	CK73B1H103KT (1608)	for E2,E1,E1C, E1H,EUT,E1K	
C116	257 0516 954	CK73B1E104KT			C505-508	257 0516 954	CK73B1E104KT	for E2,E1,E1C, E1H,EUT,E1K	
C117,118	257 0501 901	CK73B1H103KT (1608)			C510	254 4305 942	CE04W1HR47MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
C119	257 0508 959	CC73CH1E681JT			C511	257 0516 954	CK73B1E104KT	for E2,E1,E1C, E1H,EUT,E1K	
C120	257 3006 911	CF73=1C104JT(ECHUB5)			C513	257 0516 954	CK73B1E104KT	for E2,E1,E1C, E1H,EUT,E1K	
C121	254 4302 974	CE04W1A101MT(SRE)			C514	254 4305 942	CE04W1HR47MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
C122-128	257 0501 901	CK73B1H103KT (1608)			C515	254 4299 906	CE04W1C100MT(SRE) E1H,EUT,E1K	for E2,E1,E1C, E1H,EUT,E1K	
C129	254 4300 963	CE04W0J101MT(SRE)			C516	254 4305 968	CE04W1H010MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
C130	257 0503 941	CC73CH1H120JT			C517	257 0516 954	CK73B1E104KT	for E2,E1,E1C, E1H,EUT,E1K	
					C518	254 4305 968	CE04W1H010MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
					C519	254 4305 942	CE04W1HR47MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	

Ref. No.	Part No.	Part Name	Remarks	New
C520	254 4305 968	CE04W1H010MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
C521	254 4299 964	CE04W1C470MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
C522	257 0501 901	CK73B1H103KT (1608)	for E2,E1,E1C, E1H,EUT,E1K	
C523	254 4305 942	CE04W1HR47MT(SRE)	for E2,E1,E1C, E1H,EUT,E1K	
C800,801	257 0512 903	CK73F1E104ZT		
C802	254 4524 943	CE04W1H010MT SMG/RE3		
C803-811	257 0512 903	CK73F1E104ZT		
C817	257 0516 941	CK73B1E473KT		
C818	257 0516 954	CK73B1E104KT		
C819	256 1059 996	CF93A1H105JT(JL)		
C820	254 4524 943	CE04W1H010MT SMG/RE3		
C821	257 0516 941	CK73B1E473KT		
OTHER PARTS GROUP				Q'ty
CW158	205 0885 040	15P CON.SOCKET TUC-P		1
CW951	205 0885 040	15P CON.SOCKET TUC-P		1
CX911	205 0375 000	10P CON.BASE(KR-PH)		1
CX962	205 0343 061	6P CONN.BASE(KR-PH)		1
CY911	205 0375 000	10P CON.BASE(KR-PH)		1
CY962	205 0343 061	6P CONN.BASE(KR-PH)		1
FB101,102	247 2018 903	RM73B--0R0KT		2
FB103-107	235 0130 903	CHIP EMIFIL(11A121)		5
JK801-803	204 8654 005	3P PIN JACK (S2GND)		3 *
L101,102	235 0150 938	LQH32MN270J23L		2
L103	235 0150 954	LQH32MN101J23L		1
L107	235 0150 938	LQH32MN270J23L		1
RL801-806	214 0223 004	RELAY(EC2-24N35)		6
S802	212 0408 001	SLIDE SWITCH	for E1,E1H	1
ST101,102	205 0452 017	STYLE PIN		2
ST203,204	205 0452 017	STYLE PIN		2
X101	399 0809 004	X'TAL(4.43MHZ)		1
X102	399 0802 001	X'TAL(3.58MHZ)		1
X103	399 0810 006	CSB503F30		1

Page 66~77 are omitted to contain because they are parts list for Japanese model.

EXPLODED VIEW

Parts List



A
B
C
D
E

Note : The symbols in the column "Remarks" indicate the following destinations.

EU : U.S.A. model E1C : China model
 EC : Canada model E1H : Hong Kong model
 E2 : Europe model EUT : Taiwan R.O.C. model
 E1 : Asia model E1K : Korea model
 JP : Japan model

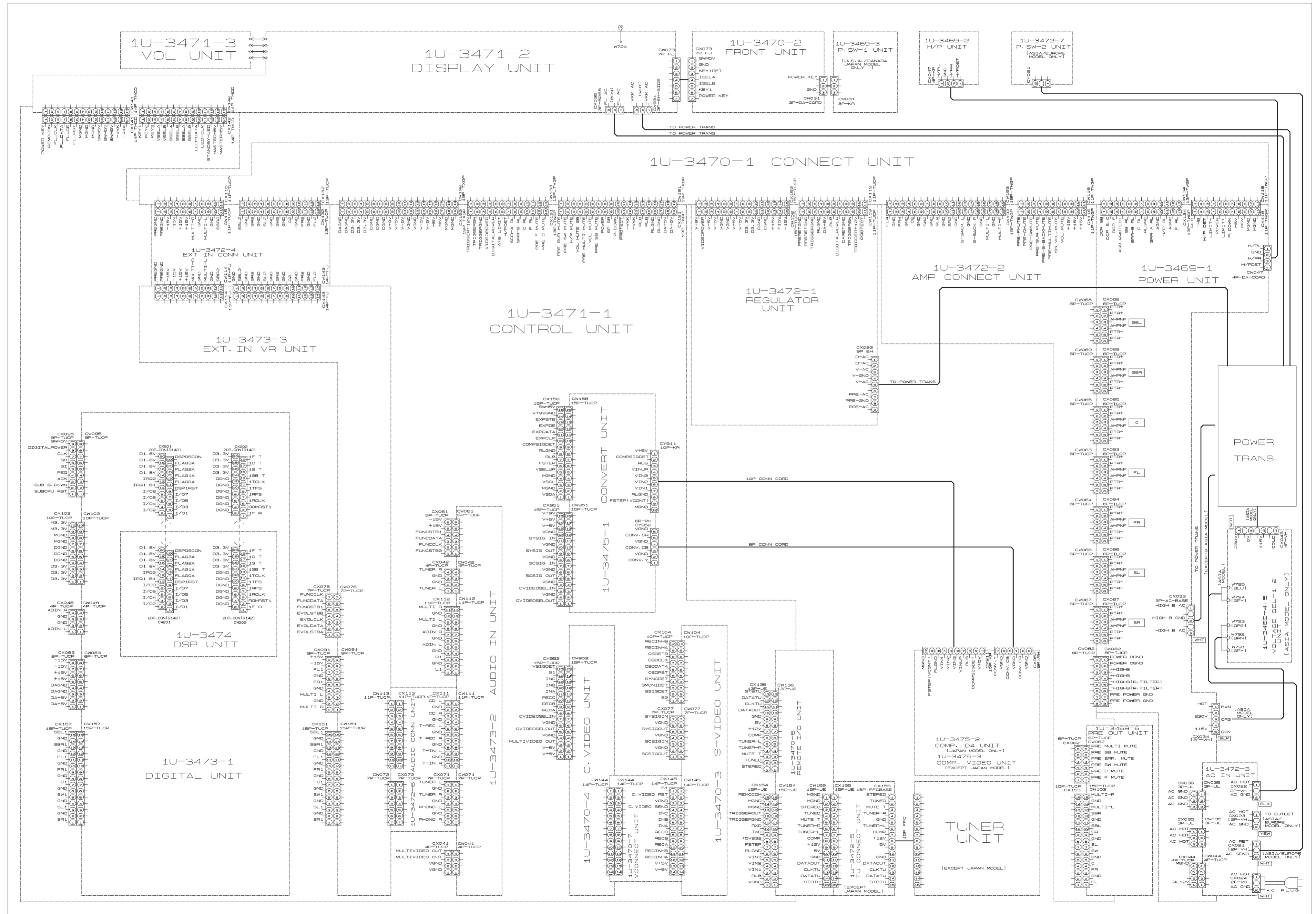
PARTS LIST OF EXPLODED VIEW

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
1	1U- 3469	POWER UNIT ASS'Y	for EU,EC	1		7	1U- 3475	VIDEO UNIT ASS'Y	for EU,EC	1	
1	1U- 3469 B	POWER UNIT ASS'Y	for E2	1		7	1U- 3475 B	VIDEO UNIT ASS'Y	for E2,E1C,EUT,E1K	1	
1	1U- 3469 A	POWER UNIT ASS'Y	for E1,E1H	1		7	1U- 3475 A	VIDEO UNIT ASS'Y	for E1,E1H	1	
1	1U- 3469 F	POWER UNIT ASS'Y	for E1C,E1K	1		7	1U- 3475 D	VIDEO UNIT ASS'Y	for JP	1	
1	1U- 3469 E	POWER UNIT ASS'Y	for EUT	1		7-1		CONVERT UNIT			
1	1U- 3469 D	POWER UNIT ASS'Y	for JP	1		7-2		COMP. D4 UNIT	for JP		
1-1		POWER UNIT				7-3		COMP.VIDEO UNIT	for EU,EC,E2,E1, E1C,E1H,EUT,E1K		
1-2		H/P UNIT				8	411 1372 937	MAIN CHASSIS		1	
1-3		P.SW-1 UNIT	for EU,EC,JP			9	412 4692 109	TRANS BRACKET		1	
1-4		VOL.SEL-1 UNIT	for E1,E1H			10	412 4210 002	BRACKET		2	
1-5		VOL.SEL-2 UNIT	for E1,E1H			11	412 4716 014	SUPPORT BRACKET		1	*
1-6		PRE OUT UNIT				12	104 0194 289	FOOT ASS'Y	for EU,EC,E2,E1, E1C,E1H,EUT,E1K	4	
2	1U- 3470	CONNECT/VIDEO UNIT ASS'Y	for EU,EC	1		12	104 0173 213	FOOT ASS'Y	for JP	4	
2	1U- 3470 A	CONNECT/VIDEO UNIT ASS'Y	for E2,E1,E1C, E1H,EUT,E1K	1		13	412 3548 005	P.W.B CATCHER		3	
2	1U- 3470 D	CONNECT/VIDEO UNIT ASS'Y	for JP	1		14	412 2814 028	CARD SPACER(L=10)		4	
2-1		CONNECT UNIT				△	15 206 2160 009	AC CORD VH N/I E3	for EU,EC,GUT	1	
2-2		FRONT UNIT				△	15 206 2089 106	AC CORD W/CON.E2	for E2	1	
2-3		S-VIDEO UNIT				△	15 206 2175 007	AC CORD(E1/VH)	for E1	1	
2-4		C-VIDEO UNIT				△	15 206 2174 008	AC CORD(E1C/VH)	for E1C	1	
2-6		REMOTE I/O UNIT				△	15 206 2177 005	AC CORD(EK/VH)	for E1H	1	
2-7		VCONNECT UNIT				△	15 206 2178 004	KOREA AC CORD VH	for E1K	1	
3	1U- 3471	CONTROL UNIT ASS'Y	for EU,EC	1		16	412 2955 107	SIDE BRACKET	for E2,E1,E1C, E1H,E1K	1	
3	1U- 3471 B	CONTROL UNIT ASS'Y	for E2	1		17	412 2814 028	CARD SPACER(L=10)	for EU,EC,E2, E1C,EUT,E1K,JP	10	
3	1U- 3471 A	CONTROL UNIT ASS'Y	for E1,E1H	1		17	412 2814 028	CARD SPACER(L=10)	for E1,E1H	11	
3	1U- 3471 E	CONTROL UNIT ASS'Y	for E1C,EUT,E1K	1		18	461 0573 062	RUBBER SHEET		1	*
3	1U- 3471 D	CONTROL UNIT ASS'Y	for JP	1		19	461 0714 009	CUSHION(B)		1	
3-1		CONTROL UNIT				20	414 0978 001	SHIELD PLATE (A)		1	
3-2		DISPLAY UNIT				21	412 2814 031	CARD SPACER (L=4)	for EU,EC,E2,E1, E1C,E1H,EUT,E1K	1	
3-3		VOL UNIT				22	412 2814 099	CARD SPACER (L=2.5)		1	
4	1U- 3472	AMP CONNECT UNIT ASS'Y	for EU,EC	1		23	412 2741 052	P.W.B HOLDER(H=22)		1	
4	1U- 3472 B	AMP CONNECT UNIT ASS'Y	for E2	1		24	412 2404 056	PWB HOLDER (WLS-18)		1	*
4	1U- 3472 A	AMP CONNECT UNIT ASS'Y	for E1,E1H	1		25	414 0979 000	SHIELD PLATE (B)		1	
4	1U- 3472 F	AMP CONNECT UNIT ASS'Y	for E1C,E1K	1		26	409 0052 019	HOLDER (A)		1	
4	1U- 3472 E	AMP CONNECT UNIT ASS'Y	for EUT	1		27	412 2404 069	PWB HOLDER (WLS-12)		1	*
4	1U- 3472 D	AMP CONNECT UNIT ASS'Y	for JP	1		28	461 0639 003	RUBBER SHEET		1	
4-1		REGULATOR UNIT				★	29 203 2374 090	2P VA-VA CABLE	for E2,E1,E1C, E1H,EUT,E1K	1	*
4-2		AMP CONNECT UNIT				30	105 1417 104	BACK PANEL	for AVR-3803EU,EC	1	*
4-3		AC IN UNIT				30	105 1417 117	BACK PANEL	for AVR-1083EU	1	*
4-4		EXT.IN CONN.UNIT				30	105 1417 120	BACK PANEL	for E2	1	*
4-5		TU CONNECT UNIT	for EU,EC,E2,E1, E1C,E1H,EUT,E1K			30	105 1417 133	BACK PANEL	for E1,E1H	1	*
4-6		AUDIO CONN. UNIT				30	105 1417 146	BACK PANEL	for E1C	1	*
4-7		P.SW-2 UNIT	for E2,E1,E1C, E1H,EUT,E1K			30	105 1417 162	BACK PANEL	for EUT	1	*
5	1U- 3473	AUDIO/DIGITAL UNIT ASS'Y	for EU,EC,E1, E1C,E1H,E1K	1		30	105 1417 159	BACK PANEL	for E1K	1	*
5	1U- 3473 B	AUDIO/DIGITAL UNIT ASS'Y	for E2,EUT	1		30	105 1417 175	BACK PANEL	for JP	1	*
5	1U- 3473 D	AUDIO/DIGITAL UNIT ASS'Y	for JP	1		31	449 0070 002	LOCKING CARD SPACER	for EU,EC,E2,E1, E1C,E1H,EUT,E1K	1	
5-1		DIGITAL UNIT				32	445 0056 008	CORD BUSH	for EU,EC,E2,E1, E1C,E1H,EUT,E1K	1	
5-2		AUDIO IN UNIT				33	205 1116 006	TERMINAL ASS'Y		1	
5-3		EXT IN VR UNIT									
6	1U- 3474	DSP UNIT		1							

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
34	216 0113 000	AM FM TUNER(E3)	for EU,EC,E1, E1C,E1H,EUT,E1K	1		★ 62	513 3858 001	FUSE CAUTION LABEL	for EU,EC	1	*
34	216 0114 009	AM FM TUNER(E2)	for E2	1		★ 63	513 3333 005	LABEL (TRANS)		1	
★ 35	009 0151 011	15P FFC CABLE(1.25)	for EU,EC,E2,E1, E1C,E1H,EUT,E1K	1		64	461 0635 052	SPACER RUBBER		2	
△ 36	203 3983 008	AC INLET	for JP	1		65	461 0573 033	RUBBER SHEET		1	
★ 37	445 8004 007	WIRE CLAMPER	for EU,EC,E1C, EUT,E1K	5		★ 66	GEN 6071 H4	RATING LABEL (T)	for EUT	1	*
★ 37	445 8004 007	WIRE CLAMPER	for E2,E1,E1H,JP	6		★ 66	513 3608 057	RATING LABEL (KOREA)	for E1K	1	*
△ 38	203 3981 000	AC OUTLET (E2)	for E2,E1,E1H	1		★ 67	513 3745 004	EMI LABEL (KOREA)	for E1K	1	
★ 39	203 5298 018	3P VH CON. CORD	for E2,E1,E1H	1	*	68	102 0638 040	TOP COVER	for black model	1	
40	449 0133 017	PWB HOLDER	for E1,E1H	2		68	102 0638 053	TOP COVER	for gold model	1	
41	146 2221 251	INNER PANEL ASS'Y	for EU,EC	1		69	441 1945 019	PLATE (T/C)		1	*
41	146 2221 235	INNER PANEL ASS'Y	for E2 black model	1		70	102 0662 003	TOP PLATE	for JP	1	
41	146 2221 248	INNER PANEL ASS'Y	for E2 gold model,E1, E1C,E1H,EUT,E1K	1		71	461 0573 075	RUBBER SHEET	for JP	1	
41	146 2221 222	INNER PANEL ASS'Y	for JP	1		72	461 0573 088	RUBBER SHEET	for JP	2	
42	441 0949 090	SPACER		1		73	461 0573 091	RUBBER SHEET	for JP	2	
43	144 2814 167	FRONT PANEL ASS'Y	for AVR-3803EU,EC	1	*	★ 74	415 0845 001	SP RIVET	for E2,E1,E1C, E1H,E1K	18	
43	144 2814 112	FRONT PANEL ASS'Y	for AVR-1083EU	1	*	★ 75	515 8030 066	PRESET LABEL	for E1,E1H	1	
43	144 2814 125	FRONT PANEL ASS'Y	for E2 black model	1	*	★ 76	513 3214 108	NOTICE SHEET	for JP	1	
43	144 2814 138	FRONT PANEL ASS'Y	for E2 gold model	1	*	★ 77	GEN 6139	LICENSE LABEL	for EU,EC,E2,E1, E1C,E1H,EUT,E1K	1	
43	144 2814 141	FRONT PANEL ASS'Y	for E1,E1C,E1H, EUT,E1K	1	*	★ 77	GEN 6179	LICENSE LABEL	for JP	1	
43	144 2814 154	FRONT PANEL ASS'Y	for JP	1	*	SCREWS					
44	131 0158 007	DENON BADGE	for black model	1		101	471 8010 100	SPECIAL SCREW		1	
44	131 0158 010	DENON BADGE	for gold model	1		102	473 7002 005	3X6 CBTS(S)-Z		12	
45	417 0638 104	RADIATOR		1	*	103	473 7002 018	3X8 CBTS (S)-Z	for EU,EC,EUT	16	
46	417 0639 006	CU PLATE		1	*	103	473 7002 018	3X8 CBTS (S)-Z	for E2,E1,E1C, E1H,E1K	18	
47	—	MICA SHEET		14		104	473 7003 017	3X8 CFTS (S)-B	for JP	2	
48	274 0196 010	MN15N LF551	TR101,102,201, 301,302,401,402	7		105	473 7004 016	4X6 CBTS (S)-Z		8	
49	272 0157 011	MP15P LF551	TR103,104,203, 303,304,403,404	7		106	473 7015 018	3X8 CBTS (S)-B	for EU,EC,GUT	15	
50	412 4127 001	PWB BRACKET (B)		2		106	473 7015 018	3X8 CBTS (S)-B	for E2,E1,E1C, E1H,E1K	16	
51	412 4995 000	RADIATOR BRACKET (F)		1	*	106	473 7015 018	3X8 CBTS (S)-B	for JP	12	
52	412 4995 013	RADIATOR BRACKET (R)		1	*	107	473 7500 015	3X8 CBTS (P)-Z		16	
53	412 4296 107	RADIATOR BRACKET		1		108	473 7500 028	3X8 CFTS (P)-Z		6	
△ 54	233 6429 007	POWER TRANS(383E3)	for EU,EC,EUT	1	*	109	473 7501 001	3X10 CBTS (P)-Z		3	
△ 54	233 6437 002	POWER TRANS(MAIN/E2)	for E2	1	*	110	473 7501 030	3X20 CBTS (P)-Z		3	
△ 54	233 6438 001	POWER TRANS(MAIN/E1)	for E1,E1H	1	*	111	473 8034 056	3X14 CBTS(B)Z		9	
△ 54	233 6439 000	POWER TRANS-MAIN220V	for E1C,E1K	1	*	112	473 8034 098	3X10 CBTS(B)-B	for EU,EC,E2,E1, E1C,E1H,EUT,E1K	4	
△ 54	233 0646 006	POWER TRANS(MAIN/N)	for JP	1	*	112	473 8034 098	3X10 CBTS(B)-B	for JP	10	
★ 54A	342 0016 011	FERRITE CLAMP		1		113	473 8064 000	4X8 CBTS(B)-B-3P	for black model	6	
★ 55	204 2949 004	10P PH-PH CON.CORD		1	*	113	473 8064 013	4X8 CBTS(B)-N-3P	for gold model	6	
★ 56	204 0570 006	6P PH-PH SHIELD CORD		1	*	114	475 6124 003	12 NUT		1	
★ 57	415 0767 053	UL TUBE (11.1) BK		1		115	477 0064 107	FIXING SCREW	for EU,EC,E1, E1H,EUT	50	
58	112 0844 006	KNOB (M) ASS'Y	for black model	1		115	477 0064 107	FIXING SCREW	for E2,E1C,E1K	48	
58	112 0844 019	KNOB (M) ASS'Y	for gold model	1		115	477 0064 107	FIXING SCREW	for JP	47	
59	112 0846 004	KNOB (F) ASS'Y	for black model	1		116	477 0153 018	3X16 CPTS(B) SW W		14	
59	112 0846 017	KNOB (F) ASS'Y	for gold model	1		117	477 0312 008	4X8 TP SCREW		4	
60	112 0848 002	KNOB (S) ASS'Y	for black model	1							
60	112 0848 015	KNOB (S) ASS'Y	for gold model	1							
61	113 1873 105	PUSH KNOB	for black model	1							
61	113 1873 118	PUSH KNOB	for gold model	1							

WIRING DIAGRAM


1 2 3 4 5 6 7 8 9 10 11



A
B
C
D
E
F
G
H

NOTE FOR SCHEMATIC DIAGRAM

WARNING:

Parts marked with this symbol Δ  have critical characteristics.

Use ONLY replacement parts recommended by the manufacturer.

CAUTION:

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

WARNING:

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

NOTICE

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.

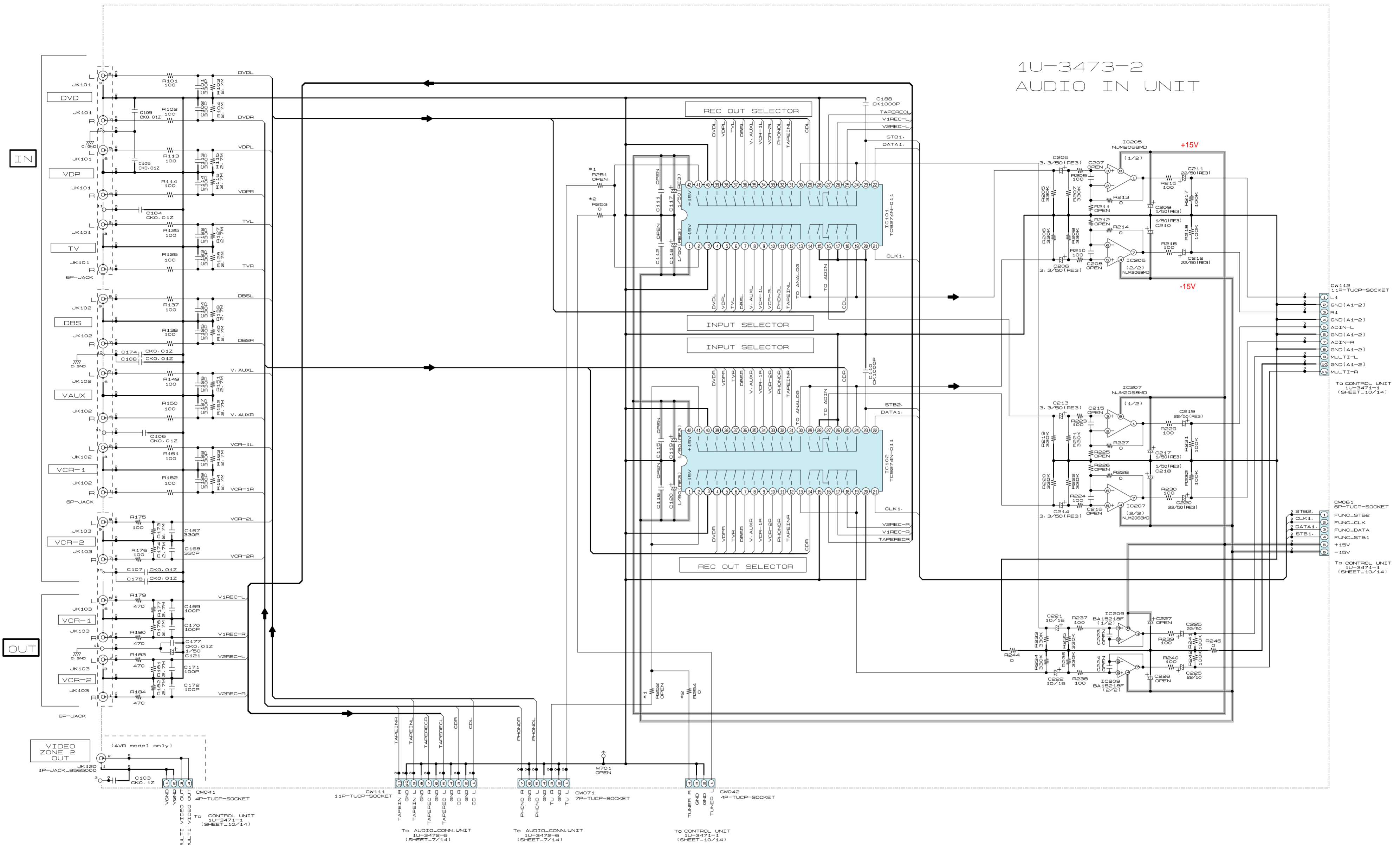
配線図について

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

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

SCHEMATIC DIAGRAMS (1/13)

1 2 3 4 5 6 7 8 9 10 11



1U-3473-2
AUDIO IN UNIT

	*1 R251 R252	*2 R253 R254
AVR	OPEN	o
AVC	o	OPEN

1U-3473 (1/4)

1U-3473-2
AUDIO IN UNIT

± B LINE
→ SIGNAL LINE

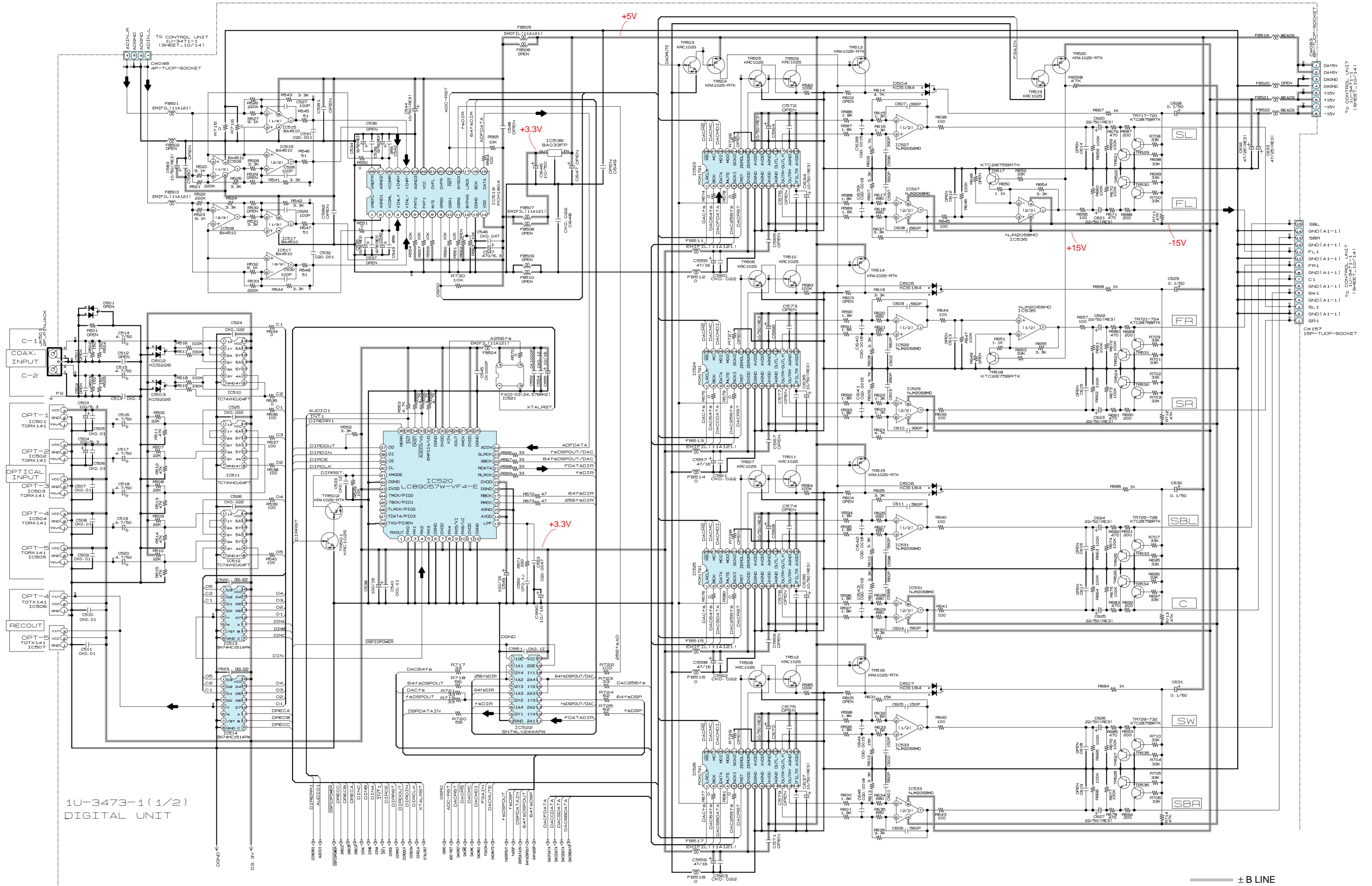
SCHEMATIC DIAGRAMS (1/13)
1U-3473-2 AUDIO IN UNIT

(Except Japan model)

SCHEMATIC DIAGRAMS (2/13)

1 2 3 4 5 6 7 8 9 10 11

A
B
C
D
E
F
G
H



1U-3473-1(1/2)
DIGITAL UNIT

1U-3473(2/4)

± B LINE
SIGNAL LINE

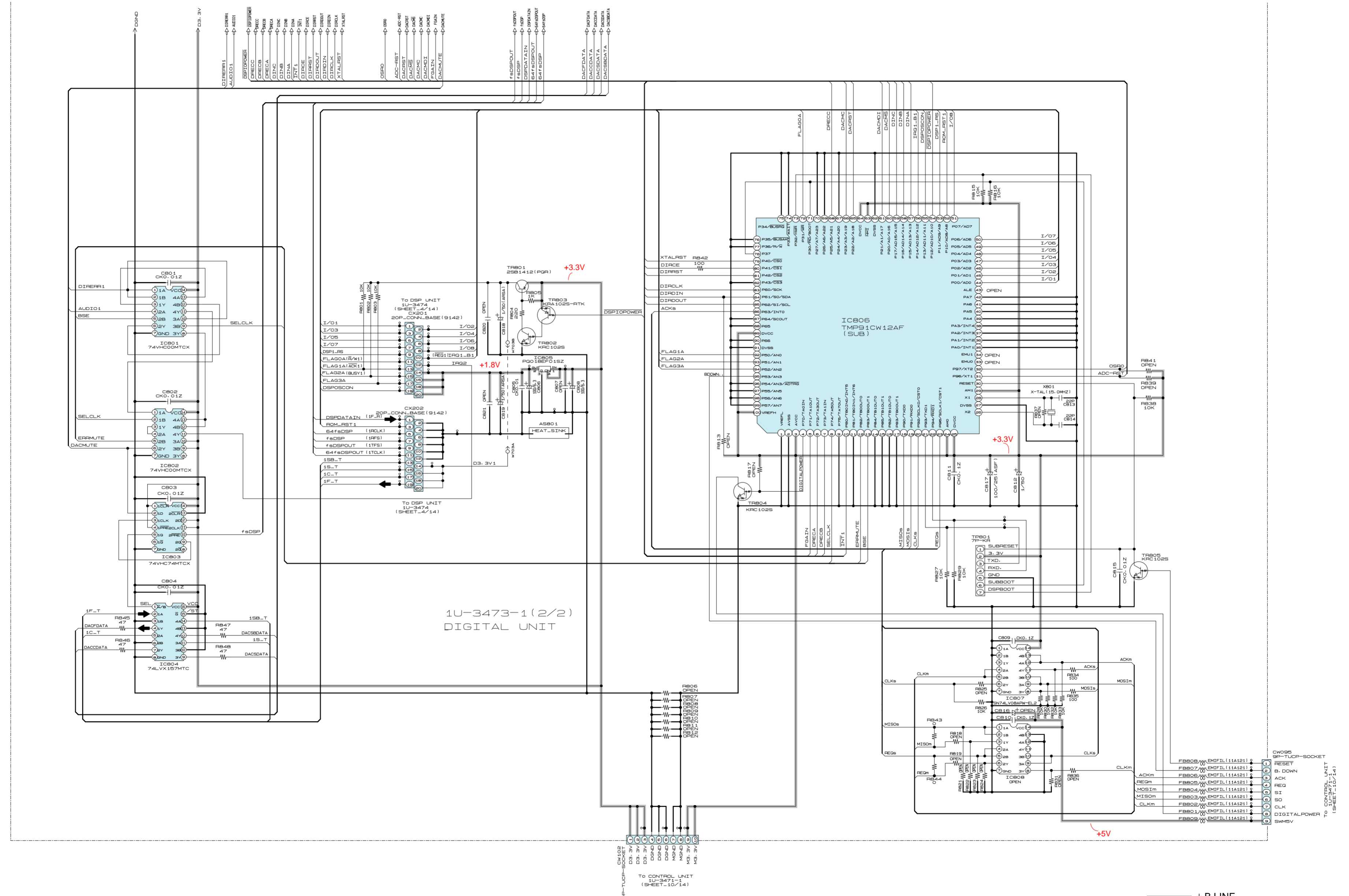
SCHEMATIC DIAGRAMS (2/13)
1U-3473-1 DIGITAL UNIT(1/2)

(Except Japan model)

SCHEMATIC DIAGRAMS (3/13)

1 2 3 4 5 6 7 8 9 10 11

A
B
C
D
E
F
G
H



1U-3473-1(2/2)
DIGITAL UNIT

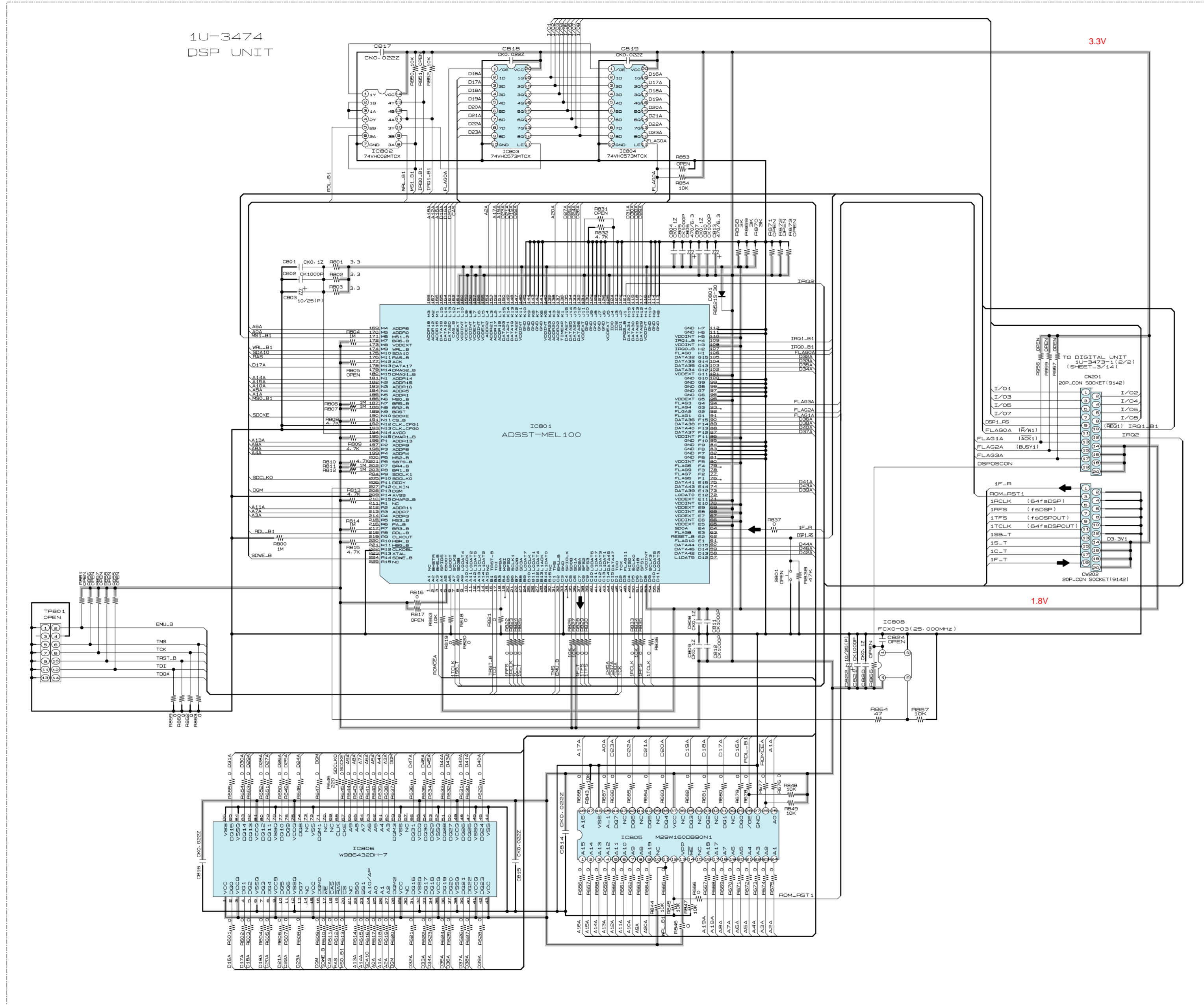
1U-3473 (3/4)

± B LINE
 → SIGNAL LINE
 SCHEMATIC DIAGRAMS (3/13)
 1U-3473-1 DIGITAL UNIT(2/2)

(Except Japan model)

SCHEMATIC DIAGRAMS (4/13)

1 2 3 4 5 6 7 8 9 10 11



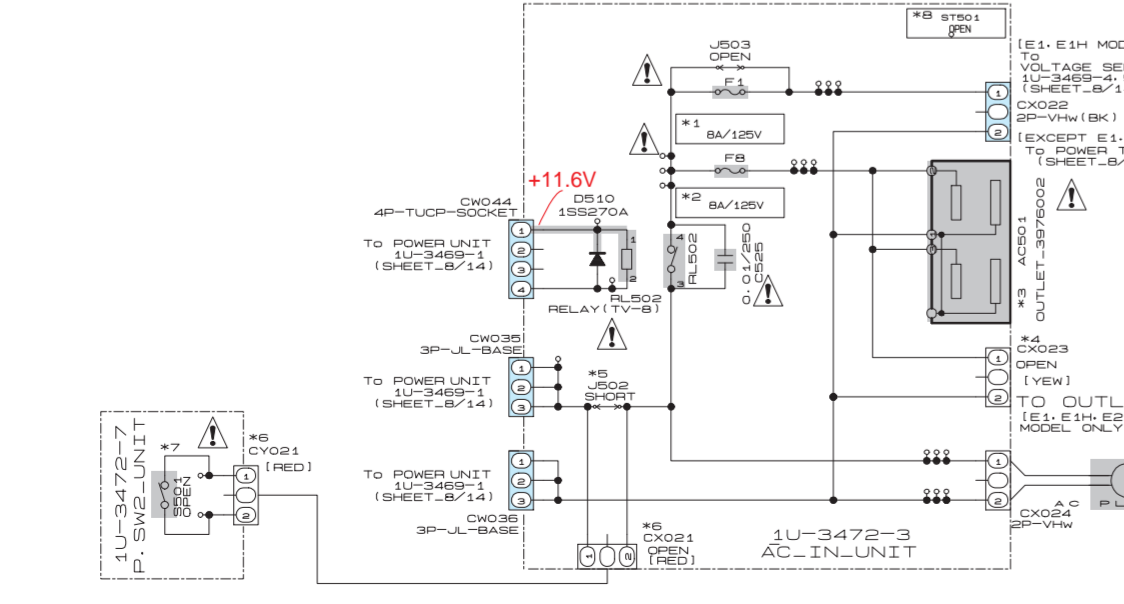
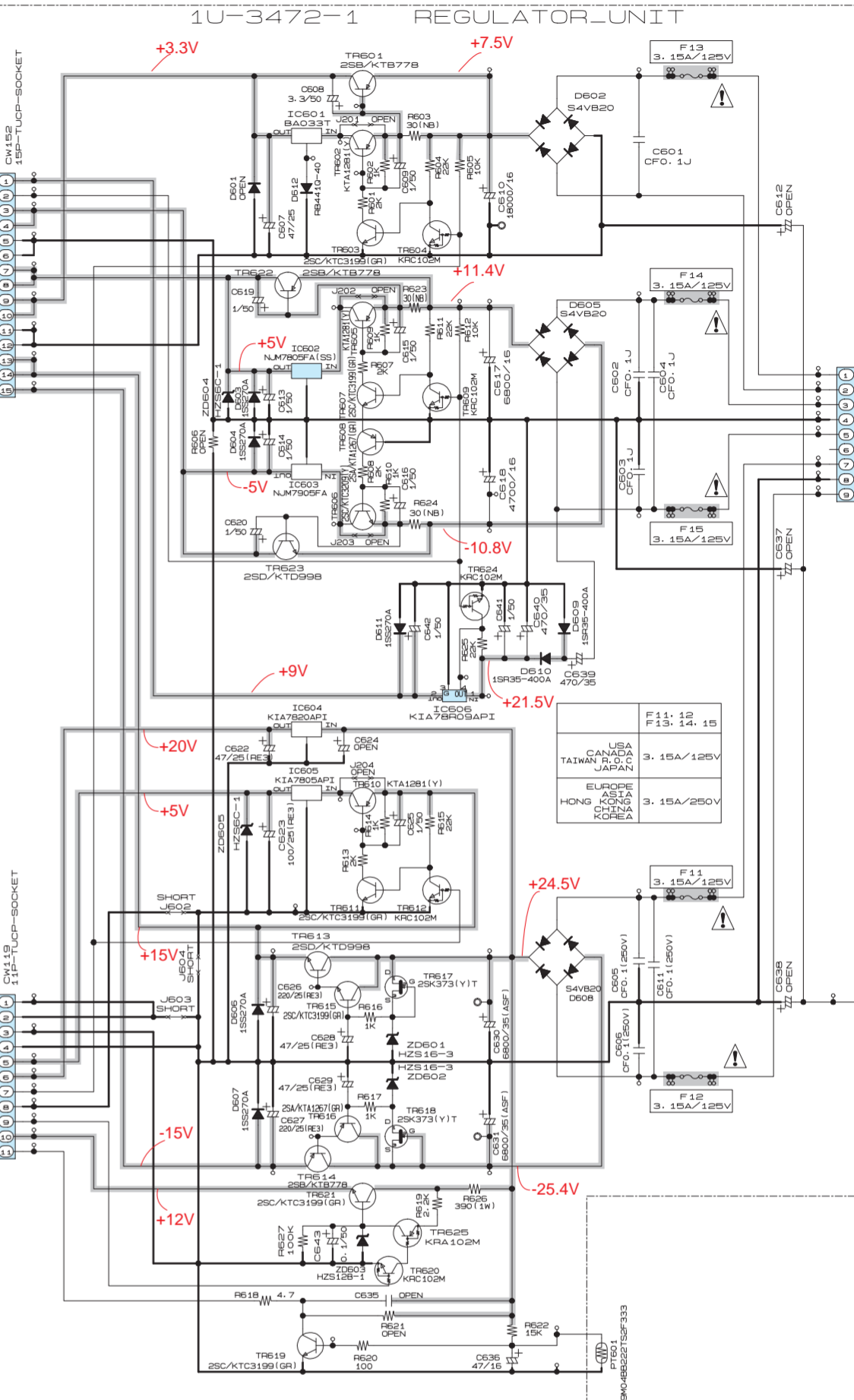
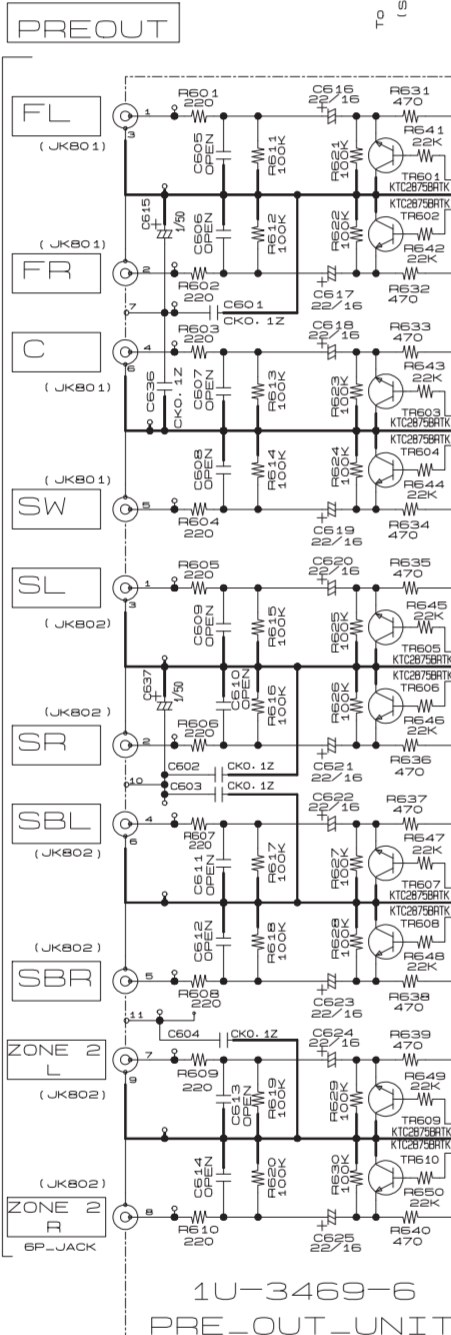
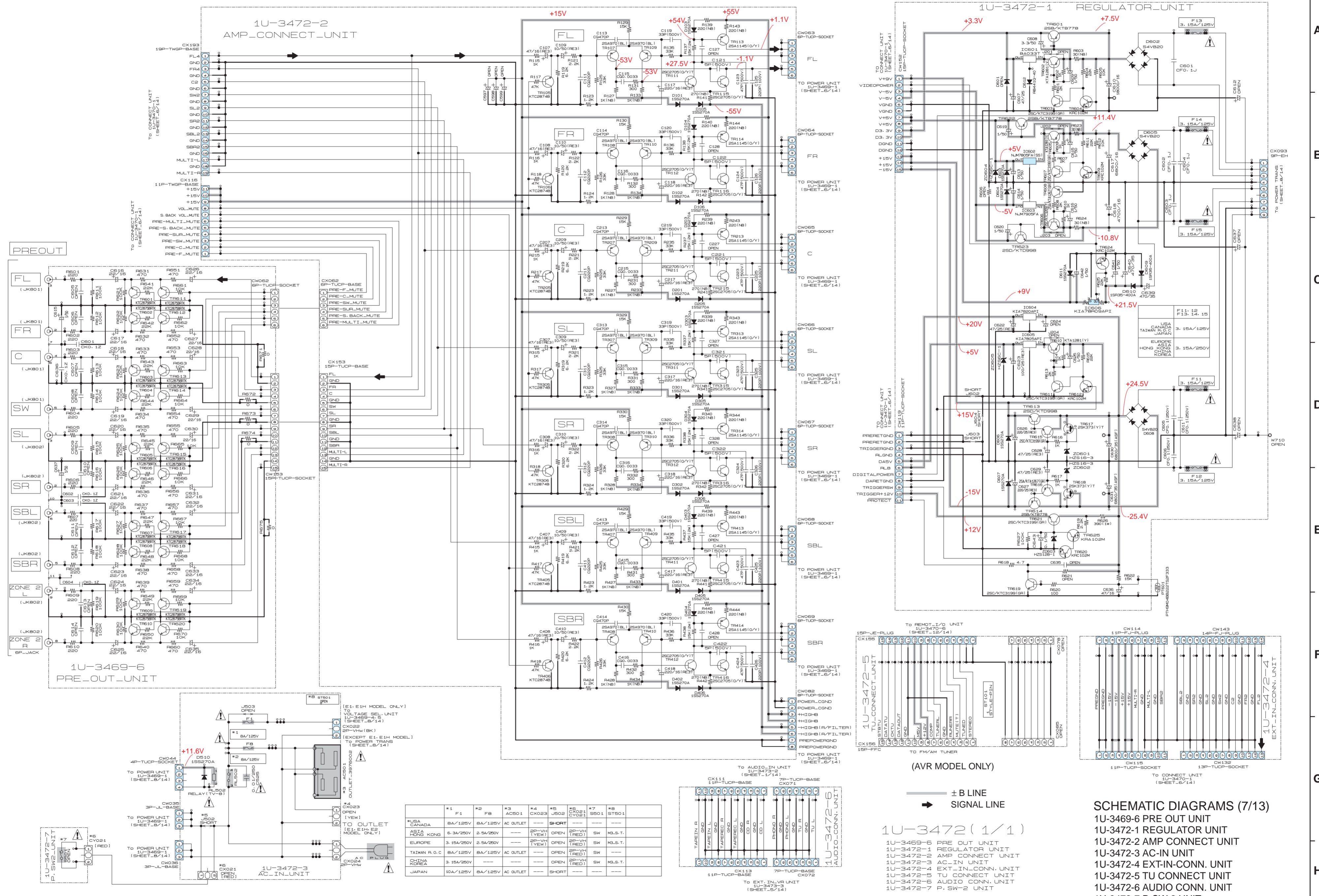
1U-3474 (1 / 1)
1U-3474
DSP UNIT

± B LINE
 → SIGNAL LINE
 SCHEMATIC DIAGRAMS (4/13)
 1U-3474 DSP UNIT

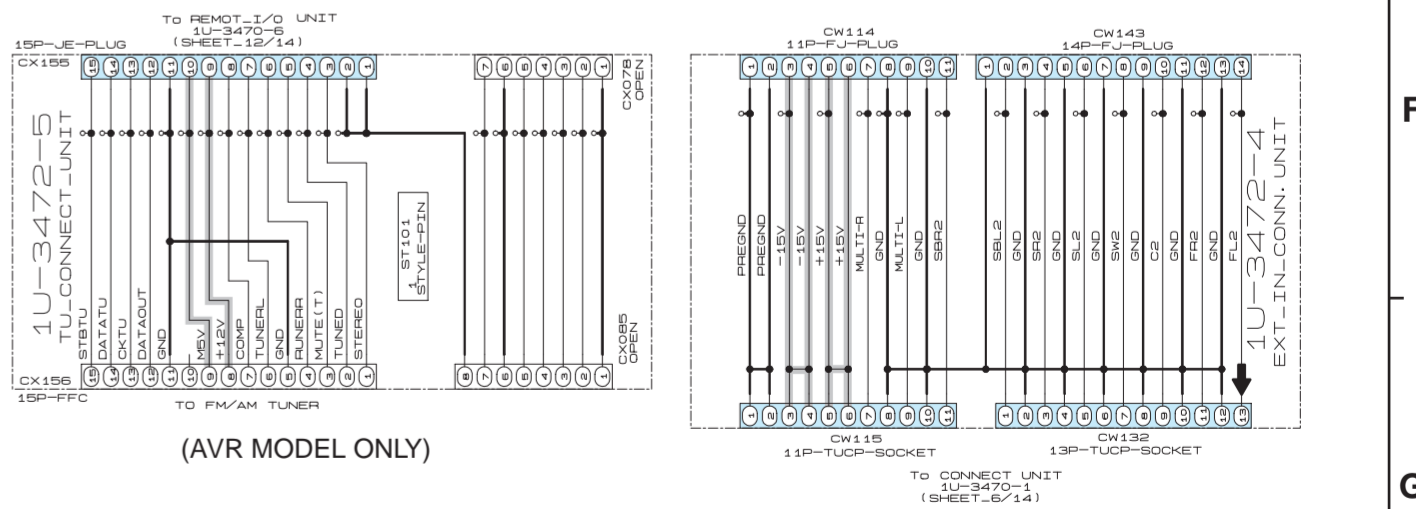
(For All models)

SCHEMATIC DIAGRAMS (7/13)

1 2 3 4 5 6 7 8 9 10 11



	*1	*2	*3	*4	*5	*6	*7	*8
*USA	CA	NA	AC OUTLET	SHORT	OPEN	OPEN	SW	NLS.T.
*ASIA	CA	NA	AC OUTLET	SHORT	OPEN	OPEN	SW	NLS.T.
*EUROPE	3.15A/250V	2.5A/250V	AC OUTLET	SHORT	OPEN	OPEN	SW	NLS.T.
*TAINAN R.O.C.	BA/125V	BA/125V	AC OUTLET	SHORT	OPEN	OPEN	SW	NLS.T.
*CHINA	3.15A/250V	---	---	---	OPEN	OPEN	SW	NLS.T.
*JAPAN	10A/125V	BA/125V	AC OUTLET	SHORT	---	---	---	---



1U-3472(1/1)

1U-3469-6 PRE OUT UNIT
 1U-3472-1 REGULATOR UNIT
 1U-3472-2 AMP CONNECT UNIT
 1U-3472-3 AC IN UNIT
 1U-3472-4 EXT-IN-CONN. UNIT
 1U-3472-5 TU CONNECT UNIT
 1U-3472-6 AUDIO CONN. UNIT
 1U-3472-7 P.SW-2 UNIT

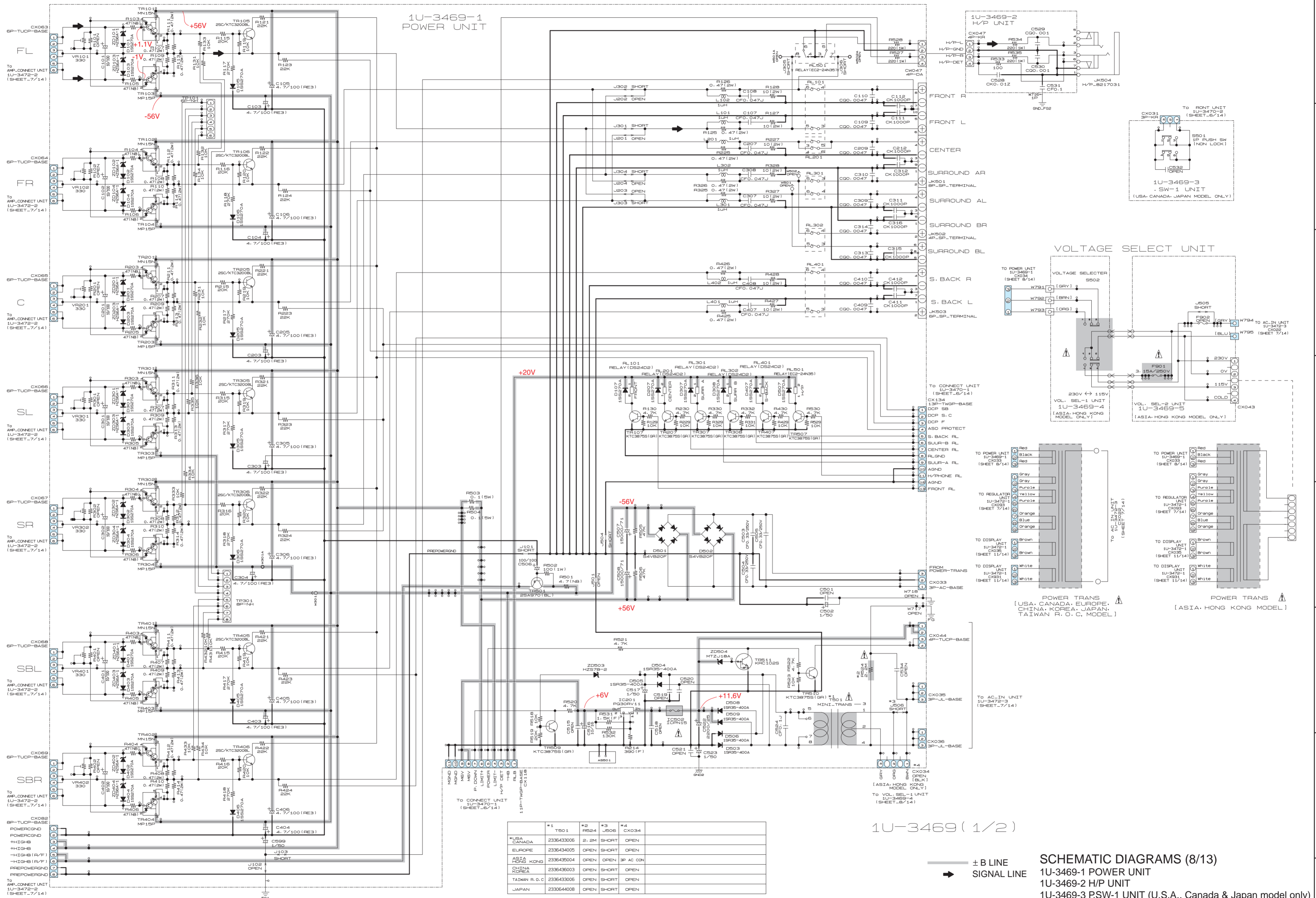
SCHEMATIC DIAGRAMS (7/13)

1U-3469-6 PRE OUT UNIT
 1U-3472-1 REGULATOR UNIT
 1U-3472-2 AMP CONNECT UNIT
 1U-3472-3 AC IN UNIT
 1U-3472-4 EXT-IN-CONN. UNIT
 1U-3472-5 TU CONNECT UNIT
 1U-3472-6 AUDIO CONN. UNIT
 1U-3472-7 P.SW-2 UNIT

(Except Japan model)

SCHEMATIC DIAGRAMS (8/13)

1 2 3 4 5 6 7 8 9 10 11



	*1	*2	*3	*4
USA	T501	R524	J506	CX034
CANADA	2336433006	2.2M	SH-SHORT	OPEN
EUROPE	2336434005	OPEN	SH-SHORT	OPEN
ASIA HONG KONG	2336435004	OPEN	OPEN	3P AC CON
CHINA KOREA	2336436003	OPEN	SH-SHORT	OPEN
TAIWAN P.O.C	2336433006	OPEN	SH-SHORT	OPEN
JAPAN	2330644008	OPEN	SH-SHORT	OPEN

1U-3469 (1/2)

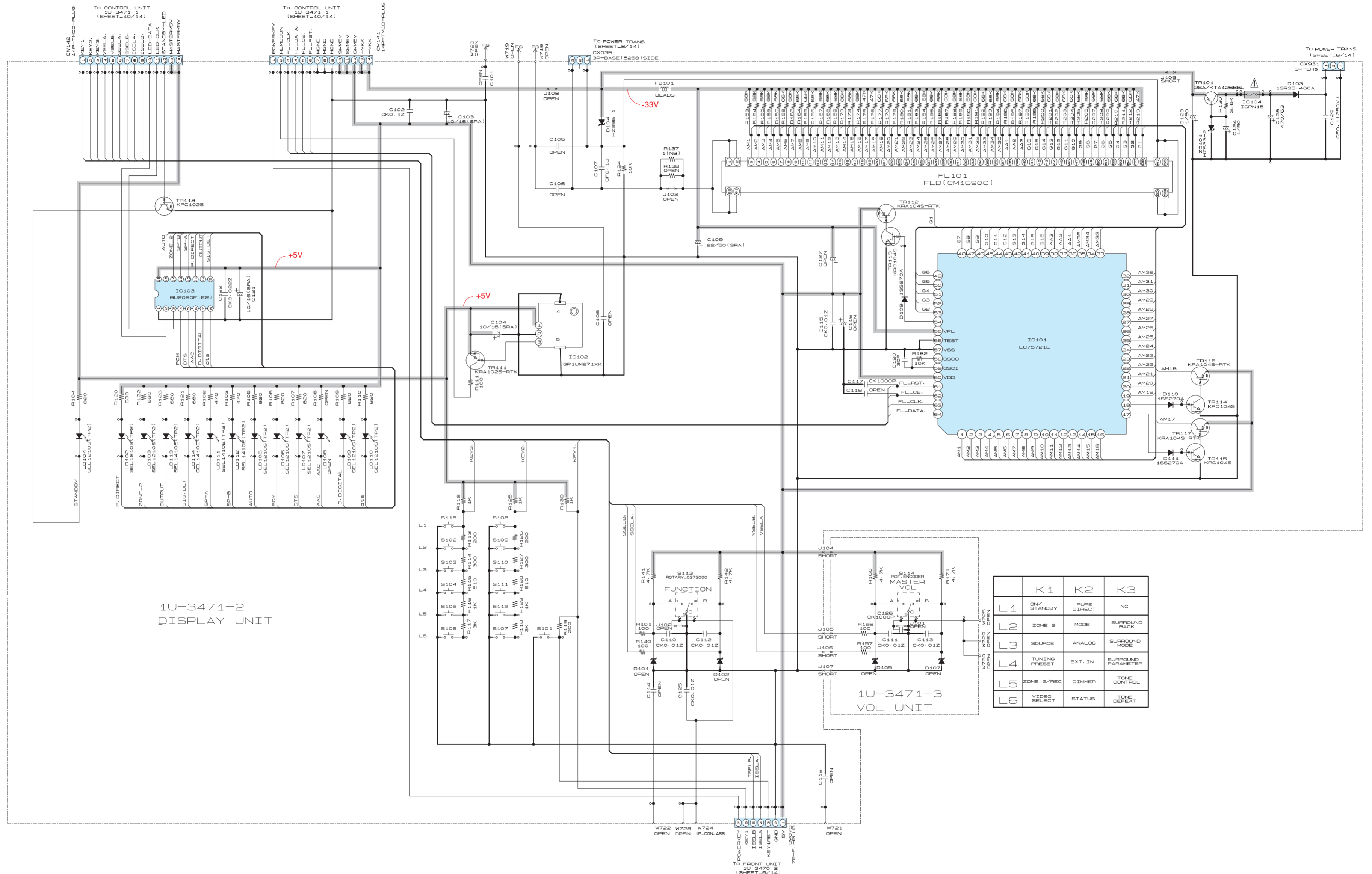
± B LINE
→ SIGNAL LINE

SCHEMATIC DIAGRAMS (8/13)
 1U-3469-1 POWER UNIT
 1U-3469-2 H/P UNIT
 1U-3469-3 P.S.W-1 UNIT (U.S.A., Canada & Japan model only)
 1U-3469-4 VOL.SEL-1 UNIT (Asia & Hong Kong model only)
 1U-3469-5 VOL.SEL-2 UNIT (Asia & Hong Kong model only)

(Except Japan model)

SCHEMATIC DIAGRAMS (10/13)

1 2 3 4 5 6 7 8 9 10 11



1U-3471-2
DISPLAY UNIT

FUNCTION
ROTARY SW 3000
VOL

1U-3471-3
VOL UNIT

	K1	K2	K3
L1	ON/ STANDBY	PURE DIRECT	NC
L2	ZONE 2	MODE	SURROUND BACK
L3	SOURCE	ANALOG	SURROUND MODE
L4	TUNING PRESET	EXT. IN	SURROUND PARAMETER
L5	ZONE 2/REC	DIMMER	ZONE CONTROL
L6	VIDEO SELECT	STATUS	ZONE DEFEAT

1U-3471 (2/2)

1U-3471-2
DISPLAY UNIT
1U-3471-3
VOL UNIT

± B LINE

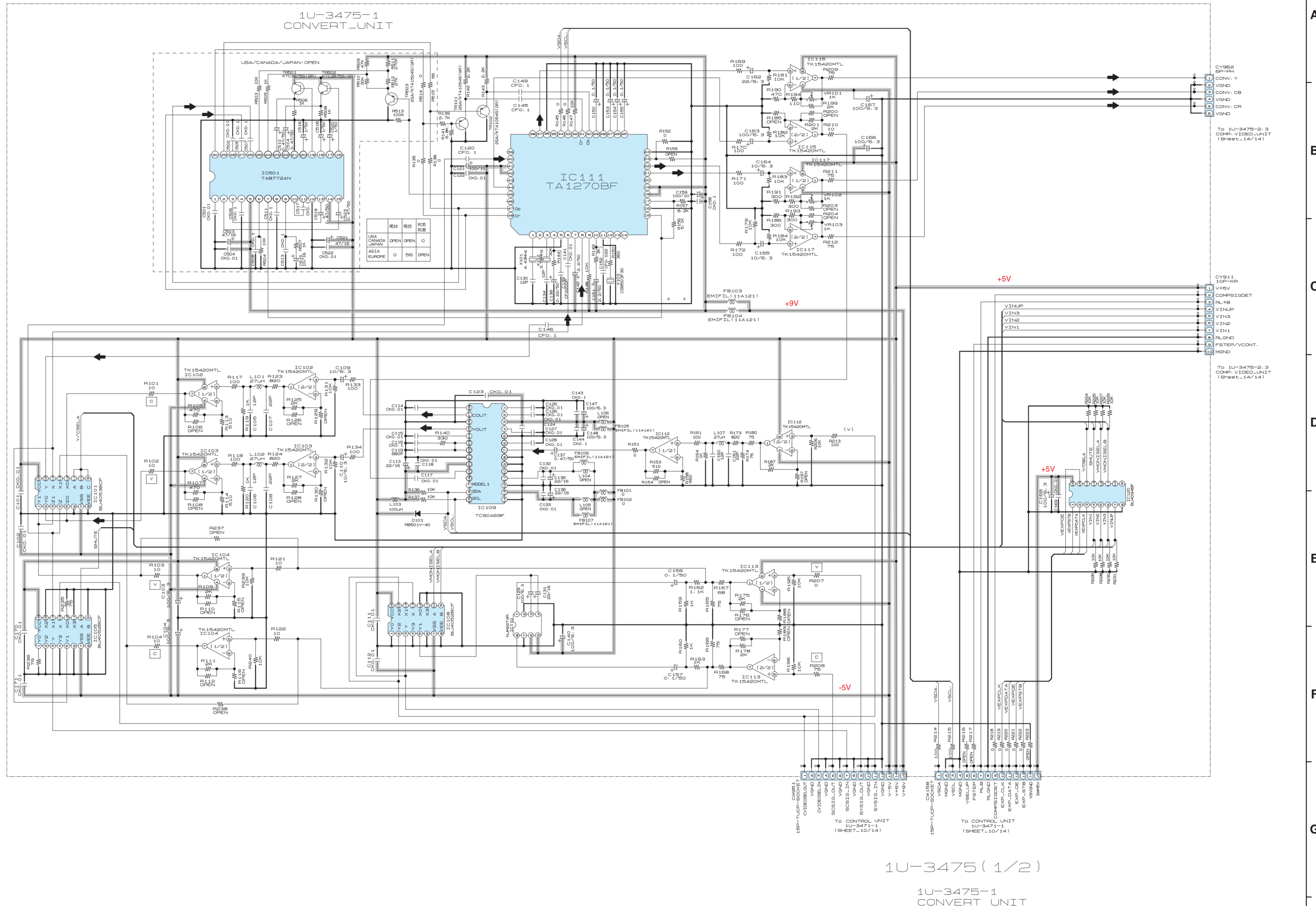
SCHEMATIC DIAGRAMS (10/13)
1U-3471-2 DISPLAY UNIT
1U-3471-3 VOL UNIT

(Except Japan model)

A
B
C
D
E
F
G
H

SCHEMATIC DIAGRAMS (12/13)

1 2 3 4 5 6 7 8 9 10 11



1U-3475 (1/2)

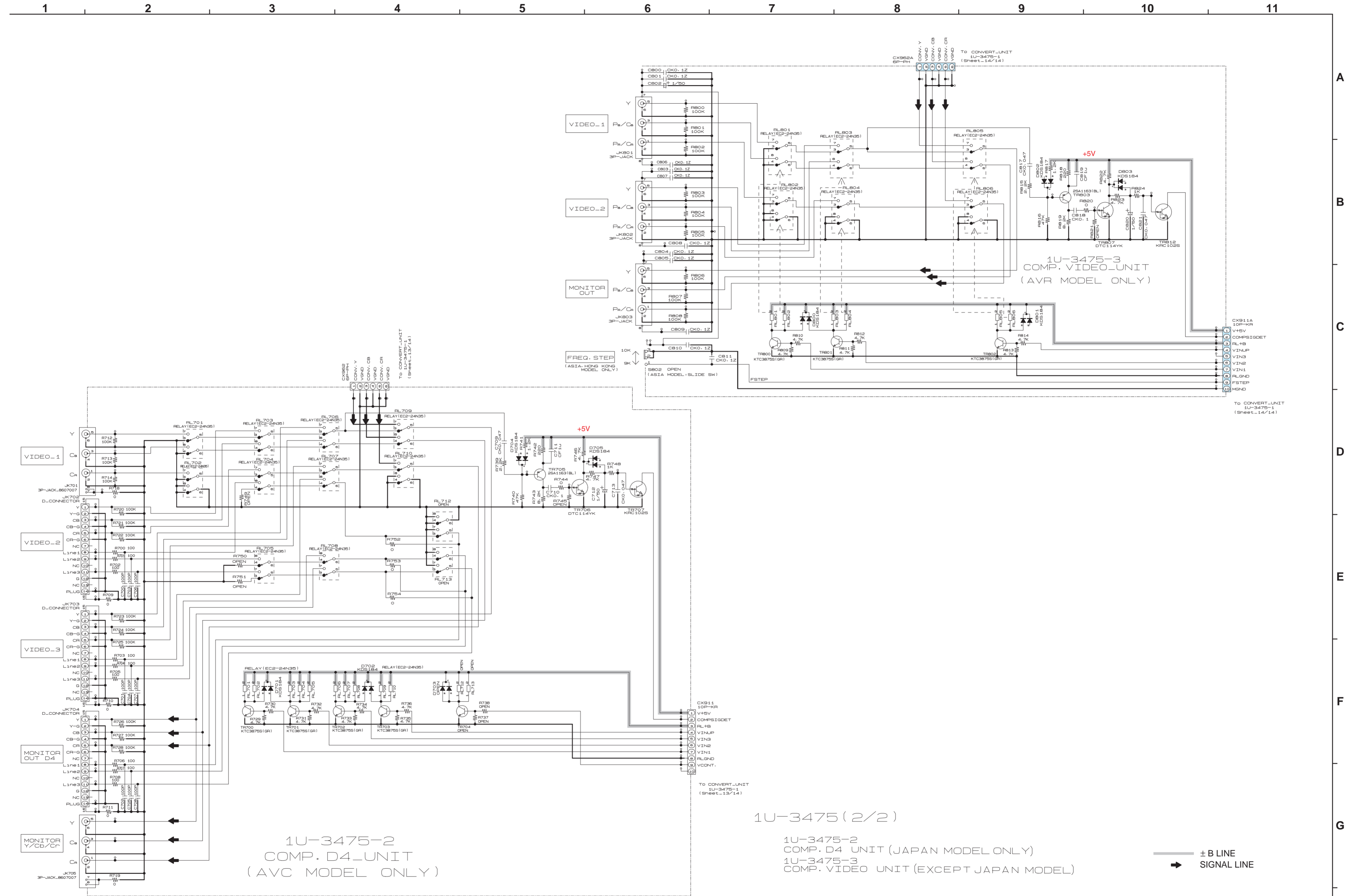
1U-3475-1
CONVERT UNIT

± B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (12/13)
1U-3475-1 CONVERT UNIT

(Except Japan model)

SCHEMATIC DIAGRAMS (13/13)



1U-3475-2
COMP. D4 UNIT
(AVC MODEL ONLY)

1U-3475 (2/2)
1U-3475-2
COMP. D4 UNIT (JAPAN MODEL ONLY)
1U-3475-3
COMP. VIDEO UNIT (EXCEPT JAPAN MODEL)

± B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (13/13)
1U-3475-2 COMP. D4 UNIT (Japan model only)
1U-3475-3 COMP. VIDEO UNIT (Except Japan model)

(Except Japan model)

Page 97~109 are omitted to contain because they are schematic diagrams for Japanese model.