

DENON

For U.S.A. & Canada model

Ver. 1

SERVICE MANUAL

MODEL AVR-3806

AV SURROUND RECEIVER

注意

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

● For purposes of improvement, specifications and design are subject to change without notice.

● 本機の仕様は性能改良のため、予告なく変更することがあります。
● 補修用性能部品の保有期間は、製造打切後8年です。

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

● 修理の際は、必ず取扱説明書を参照の上、作業を行ってください。

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

● 本文中に使用しているイラストは、説明の都合上現物と多少異なる場合があります。

DENON

TOKYO, JAPAN

Denon Brand Company, D&M Holdings Inc.

SAFETY PRECAUTIONS

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

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 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。

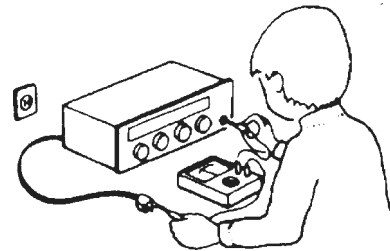
- #### ●部品の取付けや配線の引きまわしは、元どおりに！
- 安全上、テープやチューブなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランプによって発熱部品や高圧部品に接近しないように配慮されていますので、これらは必ず元どおりにしてください。

●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。



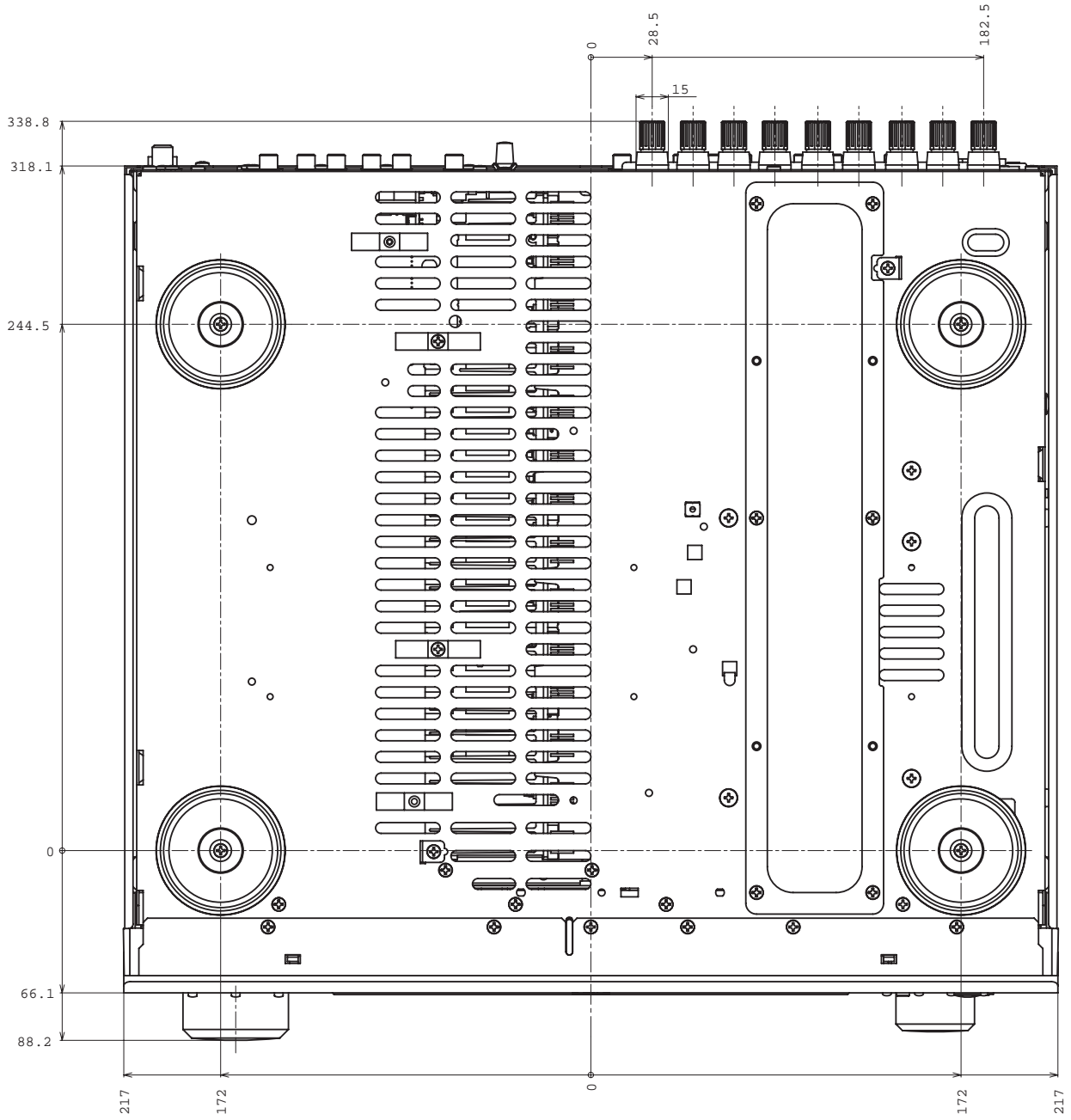
注意 安全上重要な部品について

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、部品表につきのように表示していますので、必ず指定されている部品番号のものを使用願います。

(1) 配線図… △マークで表示しています。

(2) 部品表… △マークで表示しています。
指定された部品と異なるものを使用した場合には、感電、火災などの危険を生じる恐れがあります。

DIMENSION



WIRE ARRANGEMENT

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

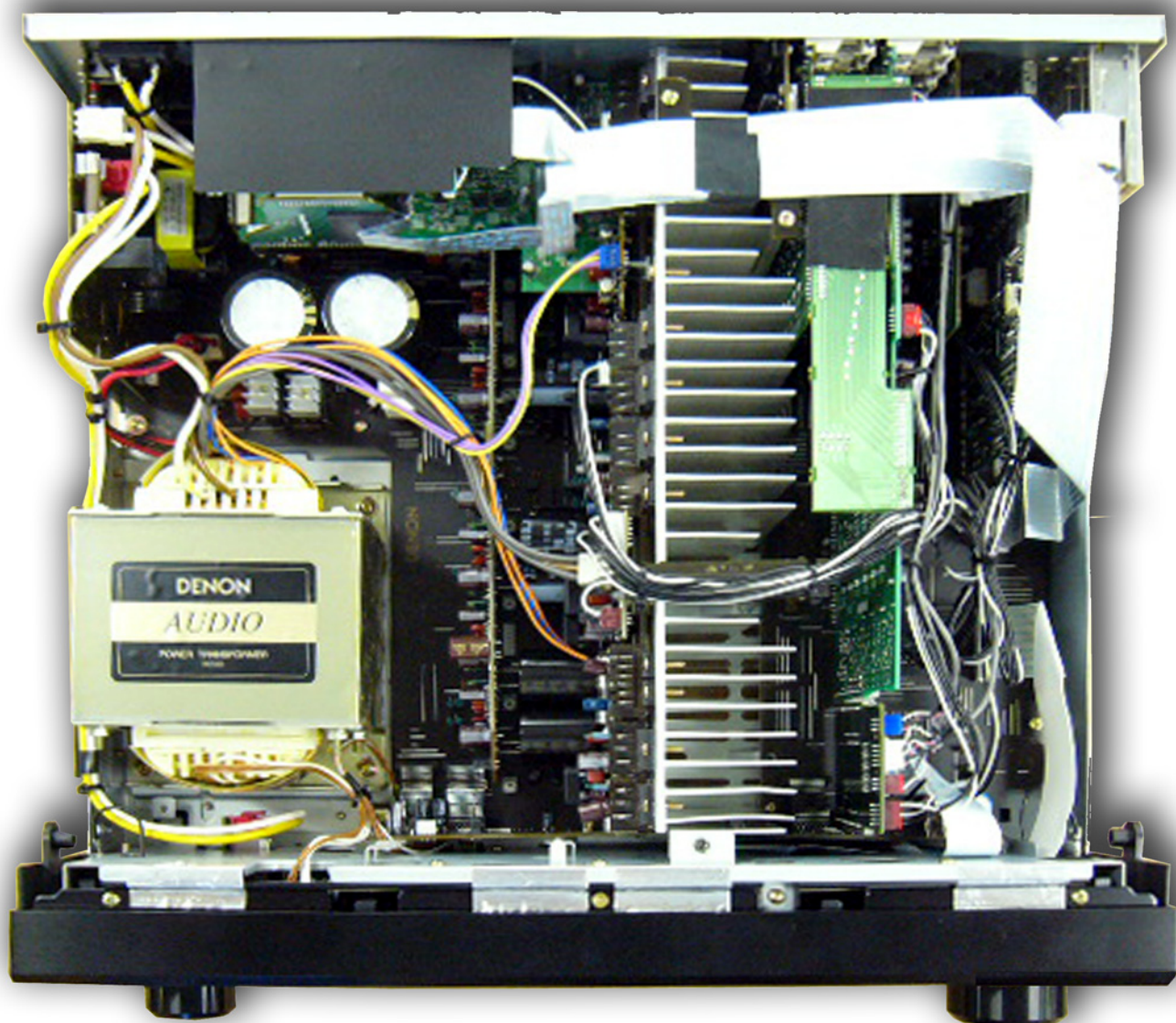
Wire arrangement viewed from the top

ワイヤー整形図

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

上面からみたワイヤー整形

Back Panel side



Front Panel side

CAUTION IN SERVICING

Initializing AV SURROUND RECEIVER

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

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

Note: • If step 3 does not work, start over from step 1.

- All user settings will be lost and this factory setting will be recovered when this initialization mode.
So make sure to memorize your setting for restoring after the initialization.

サービス時の注意事項

AV サラウンドアンプの初期化について

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

1. オン/オフボタンを OFF にします。
2. NIGHT ボタンと PURE DIRECT ボタンを同時に押しながら、オン/オフボタンを押して ON にします。
3. ディスプレイ表示が約 1 秒間隔で点滅するのを確認後、2つのボタンから指を離します。
*マイコンが初期化されます。

注意: • 上記 3 の状態にならない場合は、もう一度操作 1 からやり直してください。

- 初期化を行うとお客様が設定した内容が工場出荷状態に戻りますので、あらかじめ設定内容を控えておき初期化後再設定してください。

ADJUSTMENT

Audio Section

Idling Current (1U-3701-1)

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-3701-1 (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-3701-1)

調整に必要な測定器: DC Voltmeter


準備



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

電源スイッチ	OFF
スピーカ端子	無負荷

 (スピーカ・ダミー抵抗器などを接続しない。)

調整

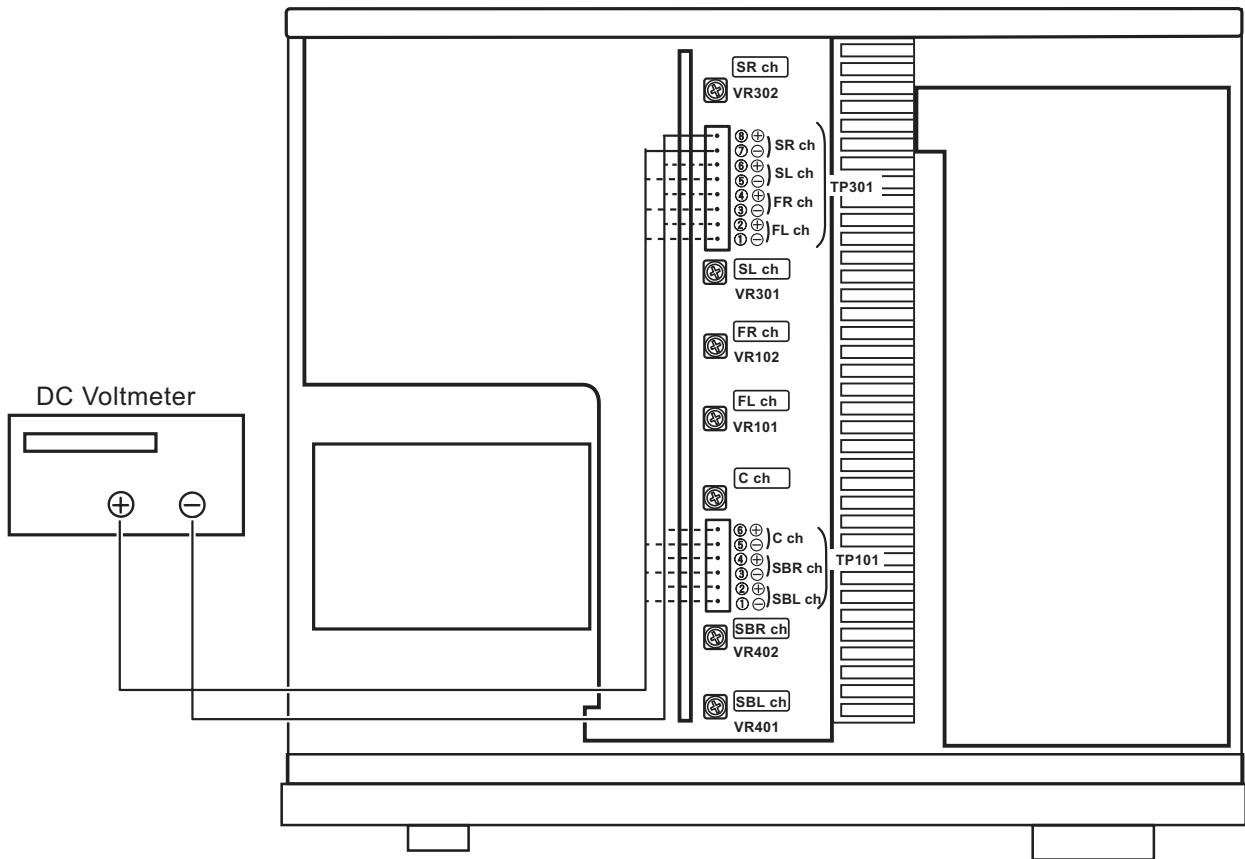
- (1) 上カバーをはずし、1U-3701-1 (パワーユニット) の VR101, VR102, VR201, VR301, VR302, VR401, VR402 を反時計方向 () に回し切った状態にセットします。
- (2) テストポイント (FRONT-Lch: TP301 ① ② pin, FRONT-Rch: TP101 ⑤ ⑥ pin, CENTER ch: TP301 ③ ④ pin, SURROUND-Lch: TP101 ③ ④ pin, SURROUND-Rch: TP101 ① ② pin, SURROUND BACK-Lch: TP301 ⑦ ⑧ pin, SURROUND 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) 同じ方法で各チャンネルの可変抵抗を調整します。
- (8) (6)項設定から 5分後 VR101 を回し、次のように電圧を設定します。

8mV ±0.5mV DC
- (9) 同じ方法で各チャンネルの可変抵抗を調整します。



Audio Section

VIDEO Section

1. SETTING

- (1) Connect the oscilloscope to the Y-signal and C-signal of S MONITOR OUT terminal and each terminate at 75 Ohms.
- (2) Connect the oscilloscope to the Y-signal, PB-signal and CB-signal, PR-signal and CR-signal of COMPONENT MONITOR OUT2 terminal and each terminate at 75 Ohms.
※ Use the 75 Ohms resistance must be 1%
- (3) DVD test disc : DVDT-S01
- (4) COMPONENT VIDEO OUT of DVD player is connected to COMPONENT IN-1.

2. BEFORE ADJUSTMENT

2.1. Setting the Oscilloscope as below.

- (1) PB/CB, PR/CR, C
 - (a) TIME/DIV : 10 μ s
 - (b) VOLT/DIV : 100mV
(Use the probe : x10)
- (2) Y
 - (a) TIME/DIV : 10 μ s
 - (b) VOLT/DIV : 200mV
(Use the probe : x10)

Power on. Power Supply

USA & Canada	: 120V
Europe	: 230V
Japan	: 100V
China & Korea	: 220V

2.2. Setup the DVD player and confirmation of the stators

- (1) Set to "INTERLACED" mode at the COMPONENT OUT.
- (2) Confirm the DVD player's out put level is equal as the item 2.4. in following.

2.3. Preparation

- (1) Push [POWER] button with pressing [DIMMER] and [ROOM EQ] buttons.
- (2) Confirm "0.0dB" appearing on the FL display.
- (3) Turn the FUNCTION knob to select "DVD" input.
- (4) Push [PURE DIRECT] button to select "PURE DIRECT". (FL display disappears and becomes adjustment mode.)
- (5) Push [OPEN/CLOSE] button of DVD player, then open the Disc Tray.
Set DVD test disc (DVDT-S01) on the Disc Tray, and then push [CLOSE] button.
- (6) DVD player FL display appear "STOP", push [PLAY] button to playback DVD.
- (7) Push the [DISPLAY] button of remote control of DVD player unit and then appear the ON-Screen Display (GUI) on the monitor TV.
- (8) Push the [+10] and [2] button, select Title 12 of DVD.
- (9) Push the [ENTER] button, playback Title 12. (color bar 75%)

ビデオセクション

1. セッティング手順

- (1) セットの S MONITOR OUT 端子から Y 信号と C 信号をそれぞれオシロスコープ (終端抵抗 : 75 Ω) に接続します。
- (2) セットの COMPONENT MONITOR OUT2 の端子 (Y, PB/CB, PR/CR) をそれぞれオシロスコープ (終端抵抗 : 75 Ω) に接続します。
※ 75 Ω 抵抗は 1%品を使用する事。
- (3) DVD テストディスク : DVDT-S01 を用意します。
- (4) DVD プレーヤーの COMPONENT VIDEO OUT を COMPONENT IN-1 に接続します。

2. 調整のまえに

2.1. オシロスコープを下記に設定

- (1) PB/CB, PR/CR, C
 - (a) TIME/DIV : 10 μ s
 - (b) VOLT/DIV : 100mV
(プローブ x10 使用)
 - (2) Y
 - (a) TIME/DIV : 10 μ s
 - (b) VOLT/DIV : 200mV
(プローブ x10 使用)
- 電源電圧 : 100V

2.2. DVD プレーヤーの設定と確認

- (1) COMPONENT OUT の設定を " インターレース " にします。
- (2) DVD プレーヤーの出力が以下 2.4. に合っていることを確認します。

2.3. 準備手順

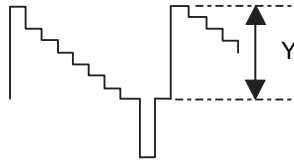
- (1) セットの AC コードをコンセントへ挿入し、「DIMMER」と「ROOM EQ」ボタンを押しながらセットの電源を "ON" にします。
- (2) FL 表示右上の VOL 表示が "0.0dB" になっていることを確認します。
- (3) FUNCTION ノブを回し、入力を "DVD" に切り替えます。
- (4) 「PURE DIRECT」ボタンを押し、"PURE DIRECT" にします。(FL 表示が消え、調整モードになります。)
- (5) DVD プレーヤーの「OPEN/CLOSE」ボタンを押してトレイを開き、トレイ上に DVD テストディスク (DVDT-S01) をセット後、「CLOSE」ボタンを押します。
- (6) DVD プレーヤーの表示管上に "STOP" が表示されてから、「PLAY」ボタンを押し、ディスクを再生します。
- (7) DVD プレーヤーのリモコンの「DISPLAY」ボタンを押してグラフィカル・ユーザー・インターフェイス (GUI) 画面を出します。
- (8) 番号ボタンの「+10」、「2」ボタンを押し、Title 12 を選択します。
- (9) 「ENTER」ボタンを押し、Title 12 を再生します。(75%カラーバー信号)

2.4. Procedure

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

(a) Target, Y-signal

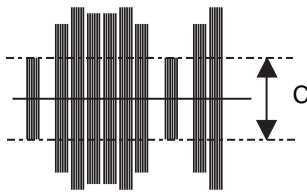
Point : 1U-3705 VR601
 Adjustment Value : 714 ± 14mV
 Waveform



Y-signal of S MONITOR OUT

(b) Target, C-signal

Point : 1U-3705 VR602
 Adjustment Value : 286 ± 5mV
 Waveform

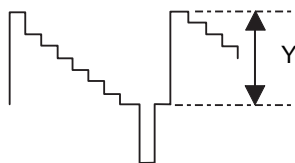


C-signal of S-MONITOR OUT

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

(a) Target, Y-signal

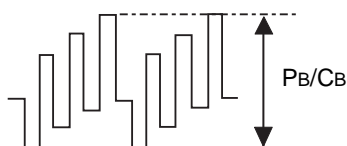
Point : 1U-3705 VR603
 Adjustment Value : 714 ± 14mV
 Waveform



Y-signal COMPONENT OUT

(b) Target, Pb/Cb-signal

Point : 1U-3705 VR604
 Adjustment Value : *525 ± 10mV
 Waveform



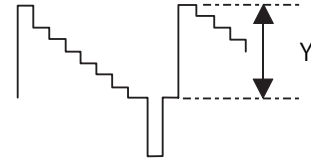
Pb/Cb-signal COMPONENT OUT

2.4. 手順

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

(a) Y 信号レベル

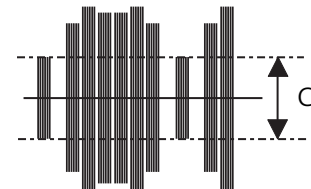
調整箇所 : 1U-3705 VR601
 調整値 : 714 ± 14mV
 波形



S MONITOR OUT の Y 信号レベル

(b) C 信号レベル

調整箇所 : 1U-3705 VR602
 調整値 : 286 ± 5mV
 波形

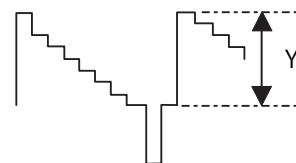


S-MONITOR OUT の C 信号レベル

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

(a) Y 信号レベル

調整箇所 : 1U-3705 VR603
 調整値 : 714 ± 14mV
 波形



COMPONENT OUT の Y 信号レベル

(b) Pb/Cb 信号レベル

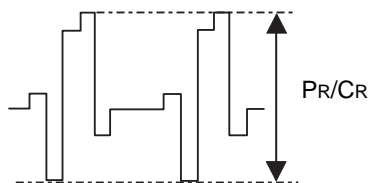
調整箇所 : 1U-3705 VR604
 調整値 : 525 ± 10mV
 波形



COMPONENT OUT の Pb/Cb 信号レベル

(c) Target, PR/CR-signal

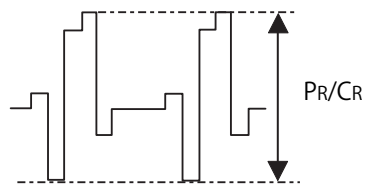
Point : 1U-3705 VR605
 Adjustment Value : *525 ± 10mV
 Waveform



PR/CR-signal COMPONENT OUT

(c) PR/CR 信号レベル

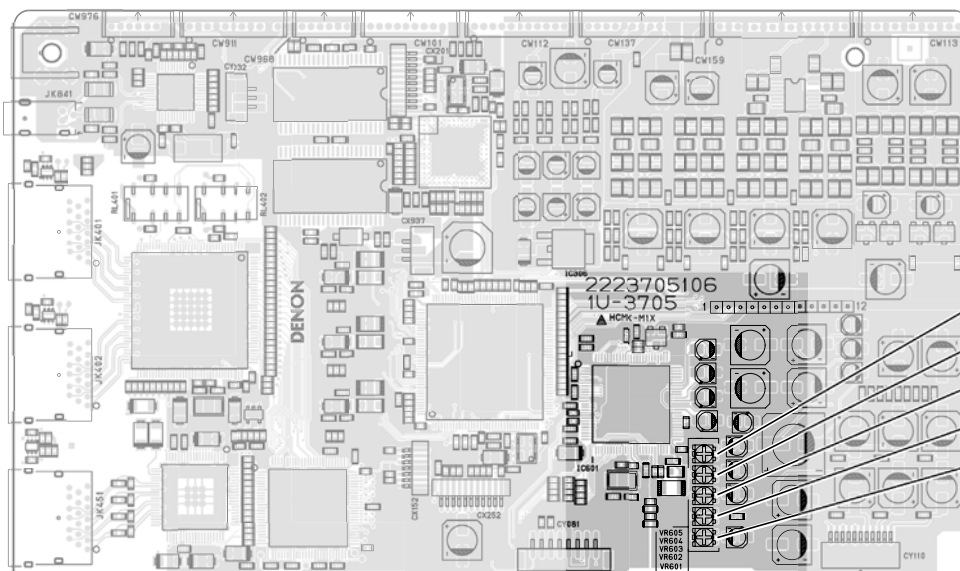
調整個所 : 1U-3705 VR605
 調整値 : 525 ± 10mV
 波形



COMPONENT OUT の PR/CR 信号レベル

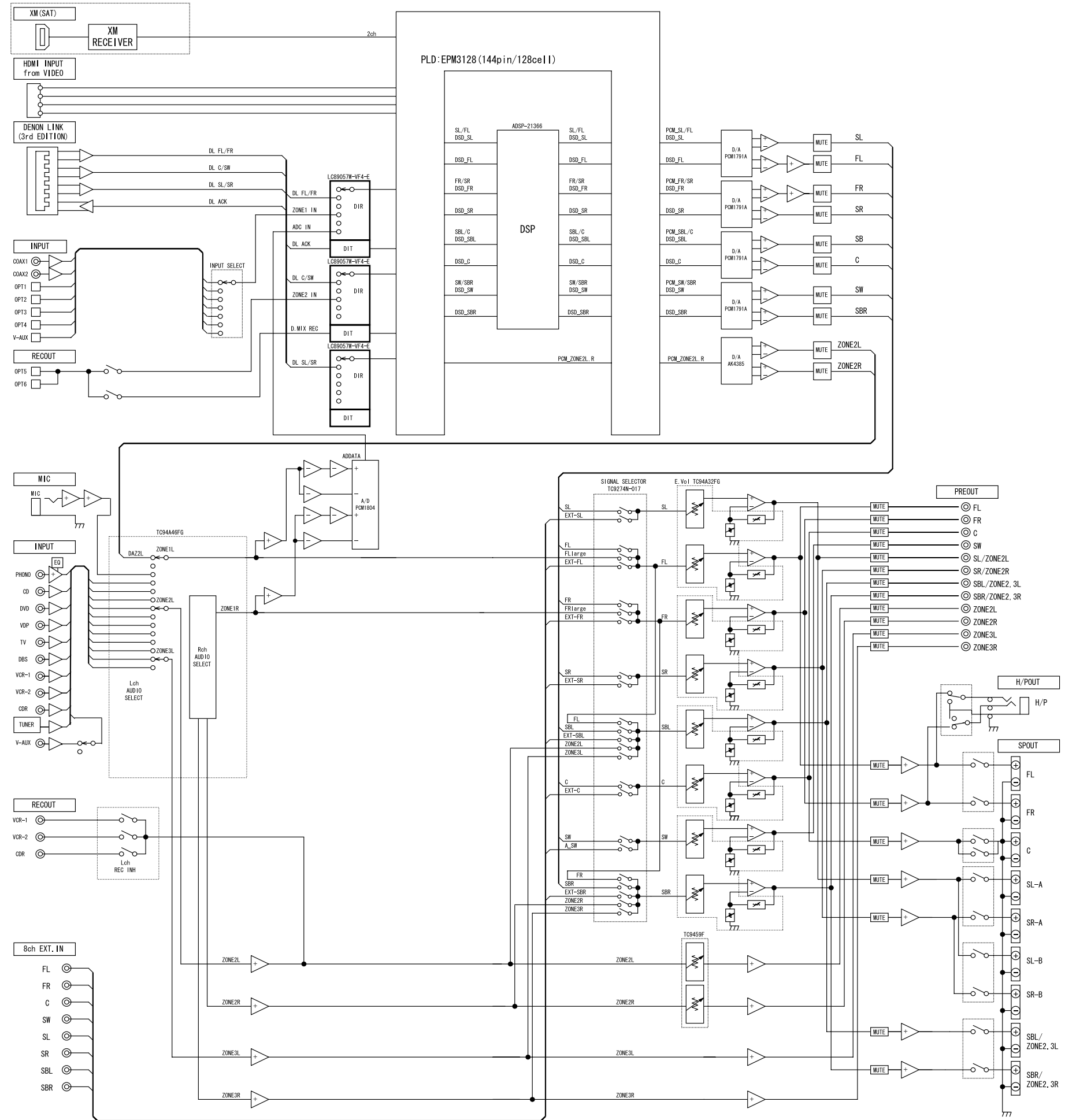
* : 486 ± 10mV for U.S.A. & Canada model

1U-3705 DIGITAL UNIT

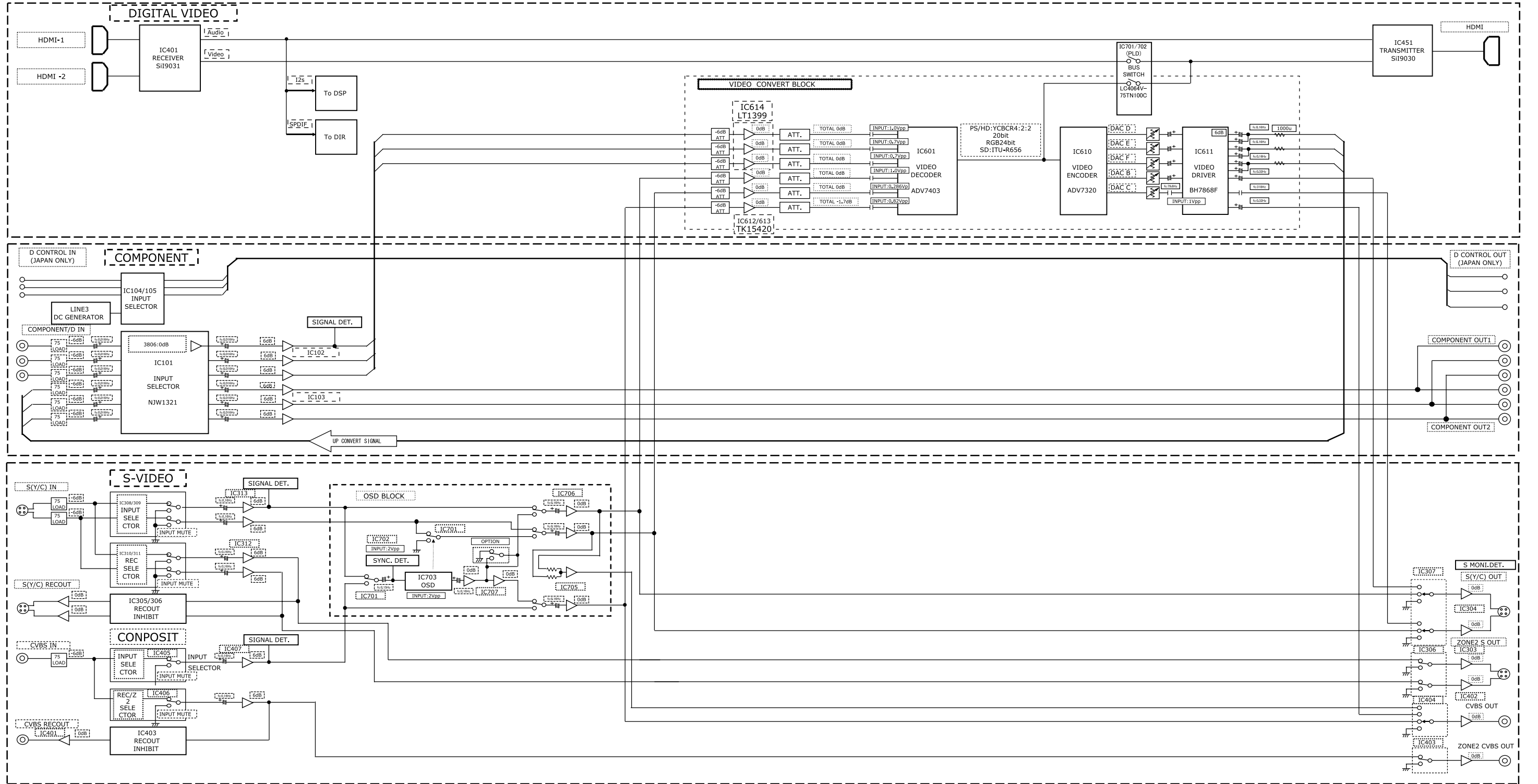


- VR605 PR/CR
- VR604 Pb/Cb
- VR603 Y
- VR602 S-C
- VR601 S-Y

BLOCK DIAGRAM (1/2) AUDIO BLOCK DIAGRAM

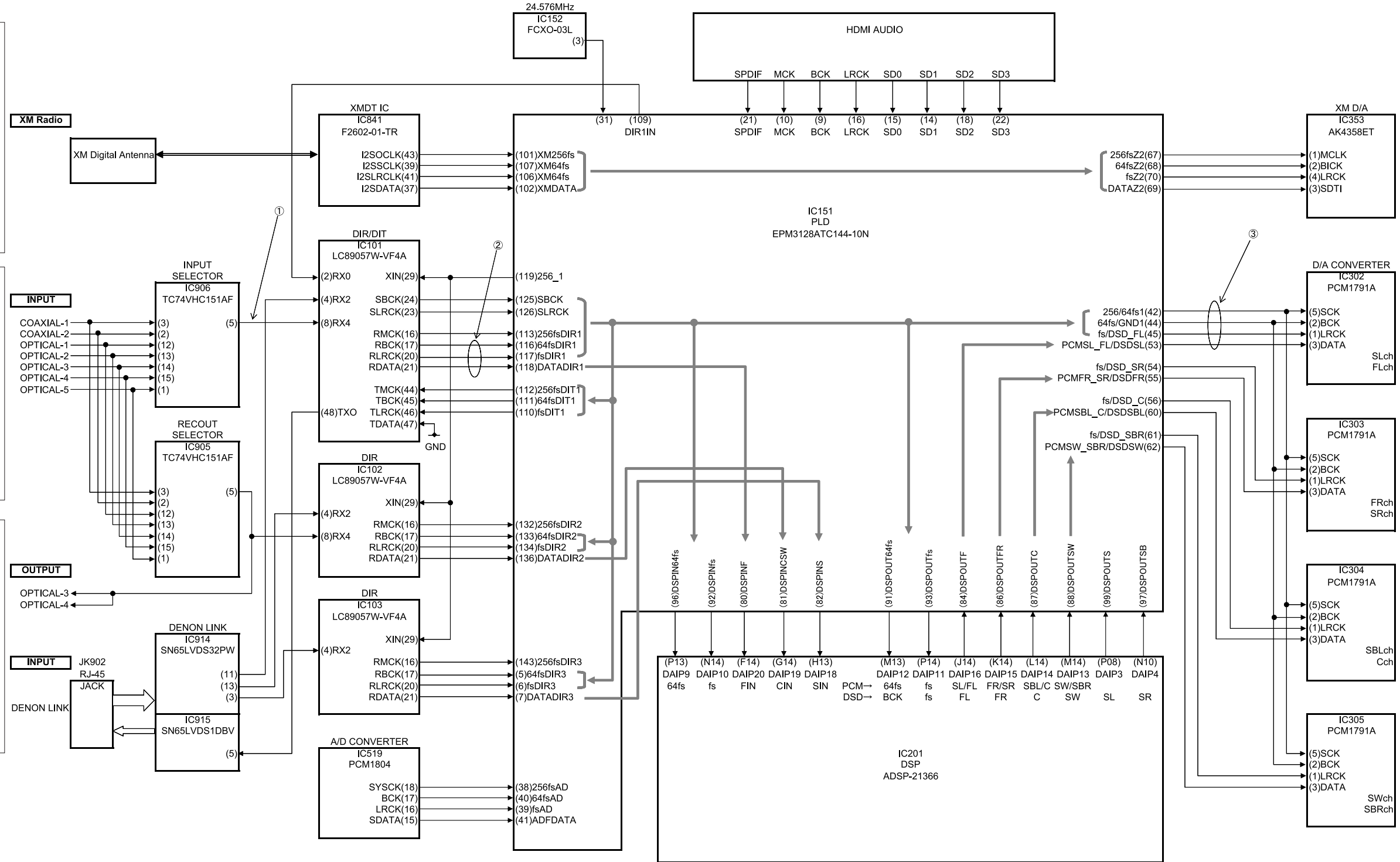
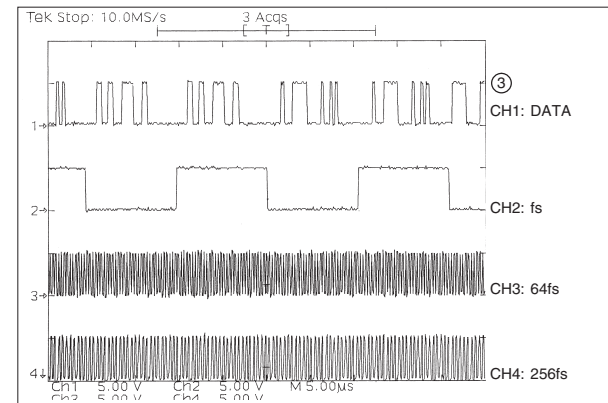
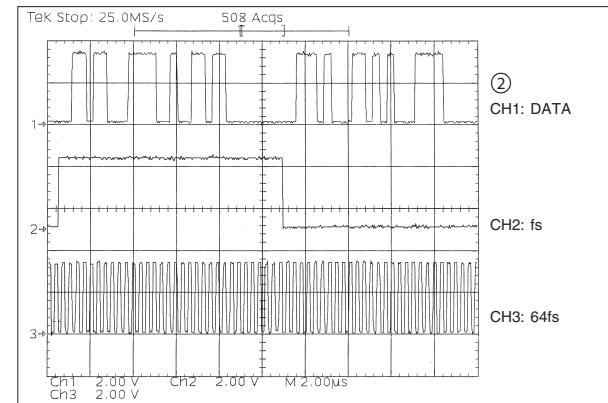
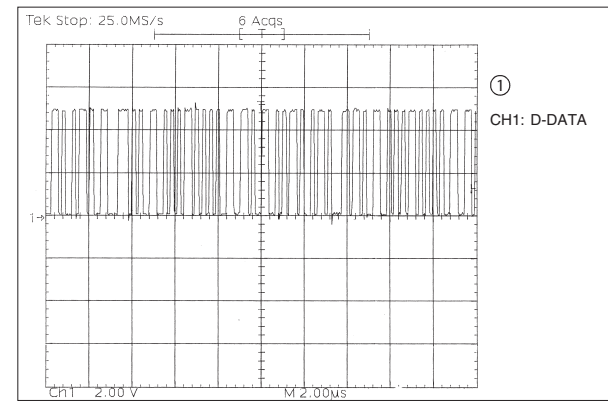


BLOCK DIAGRAM (2/2) VIDEO BLOCK DIAGRAM



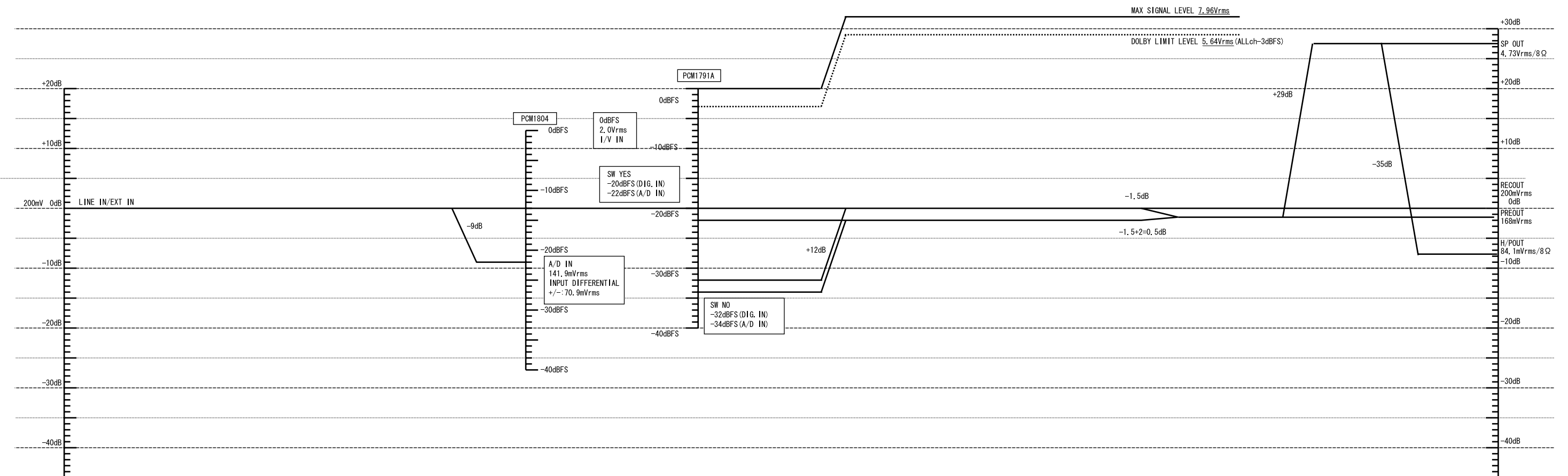
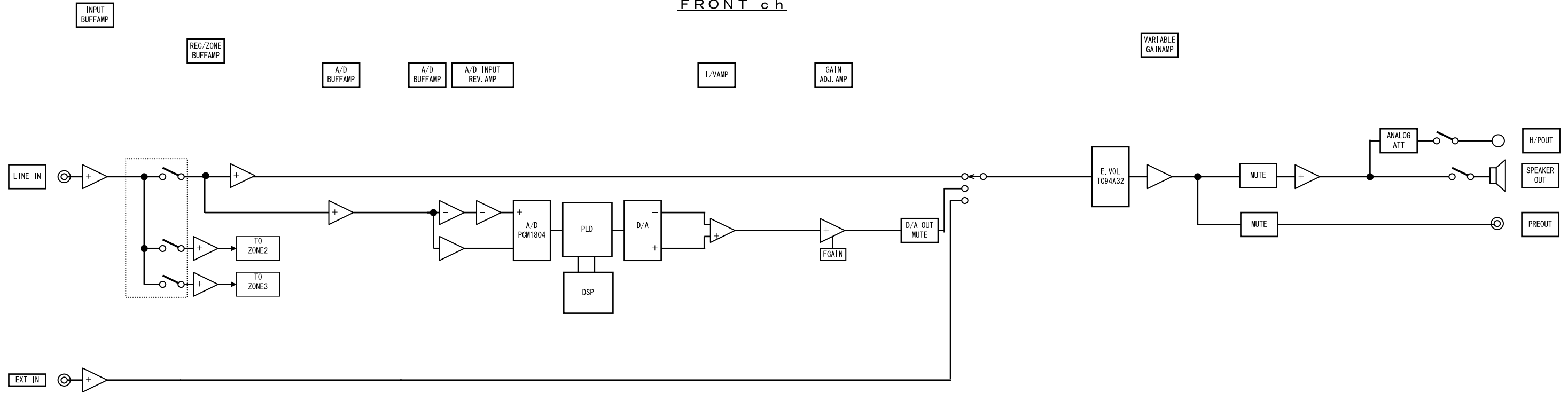
CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

Wave form



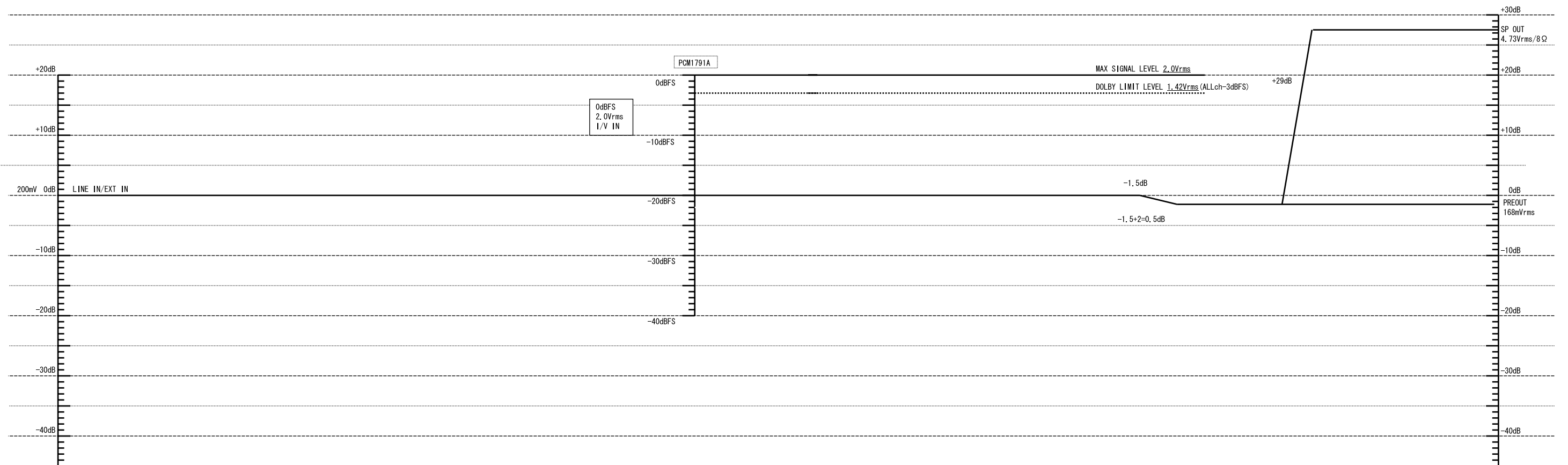
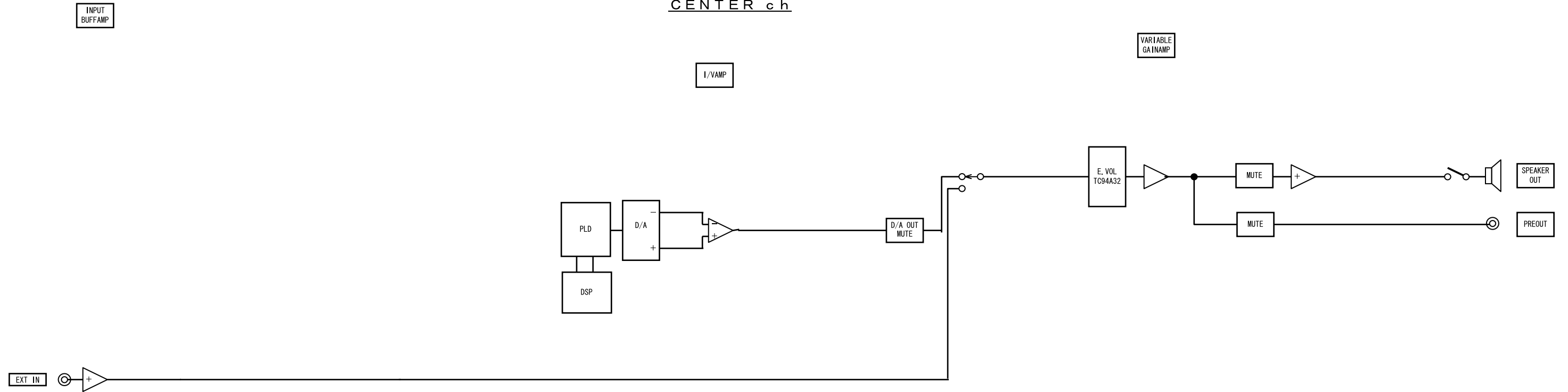
LEVEL DIAGRAMS (1/6)

AVR-3806 LEVEL DIAGRAM
FRONT ch



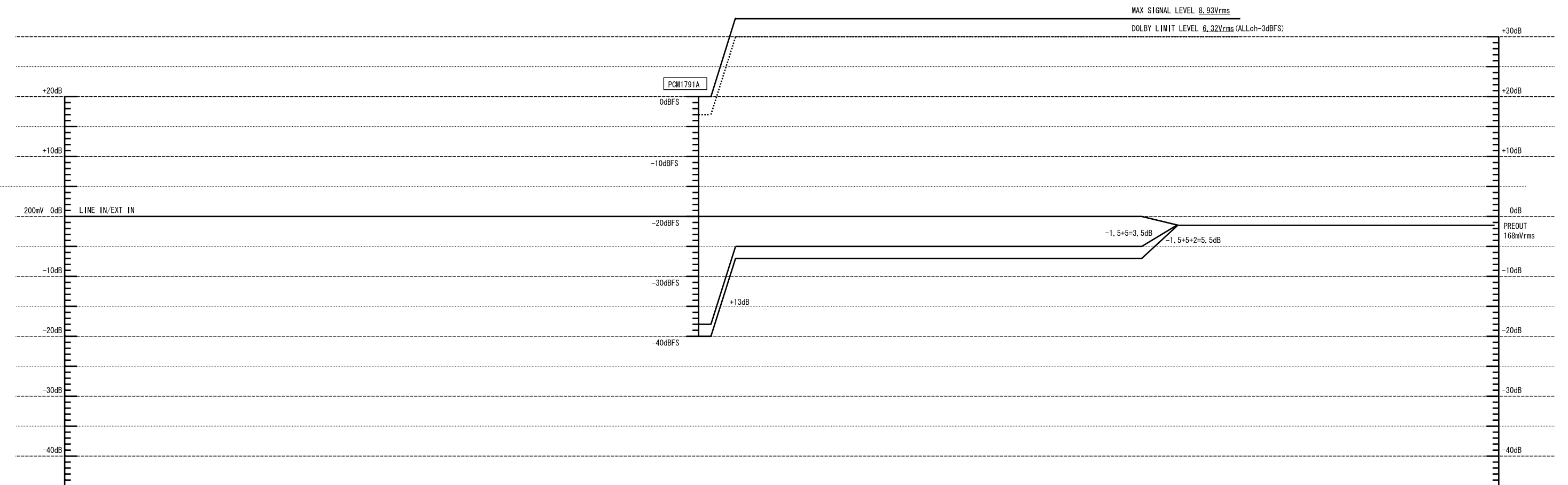
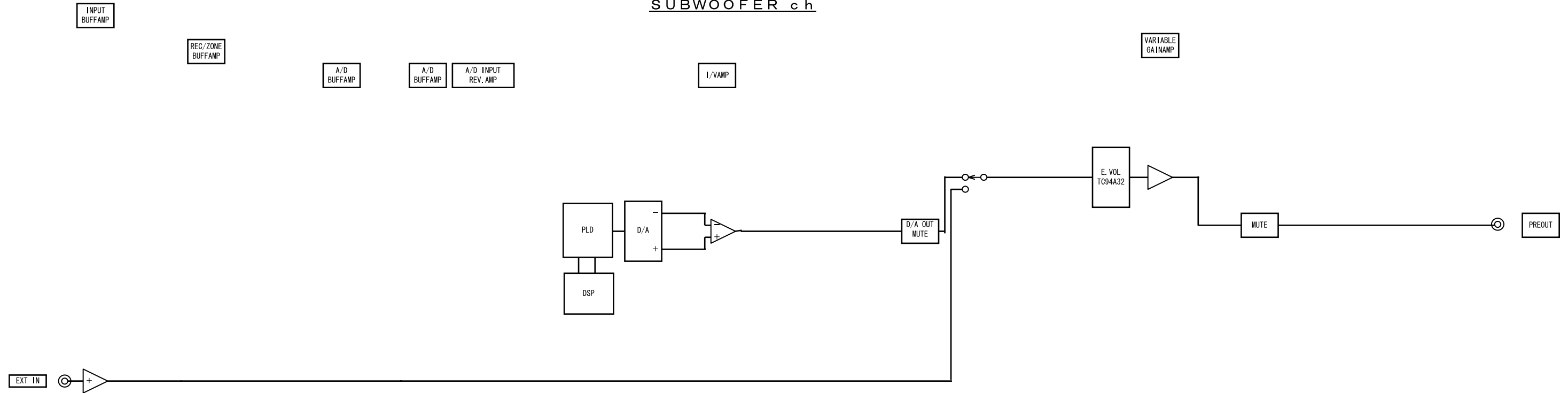
LEVEL DIAGRAMS (2/6)

AVR-3806 LEVEL DIAGRAM
CENTER ch



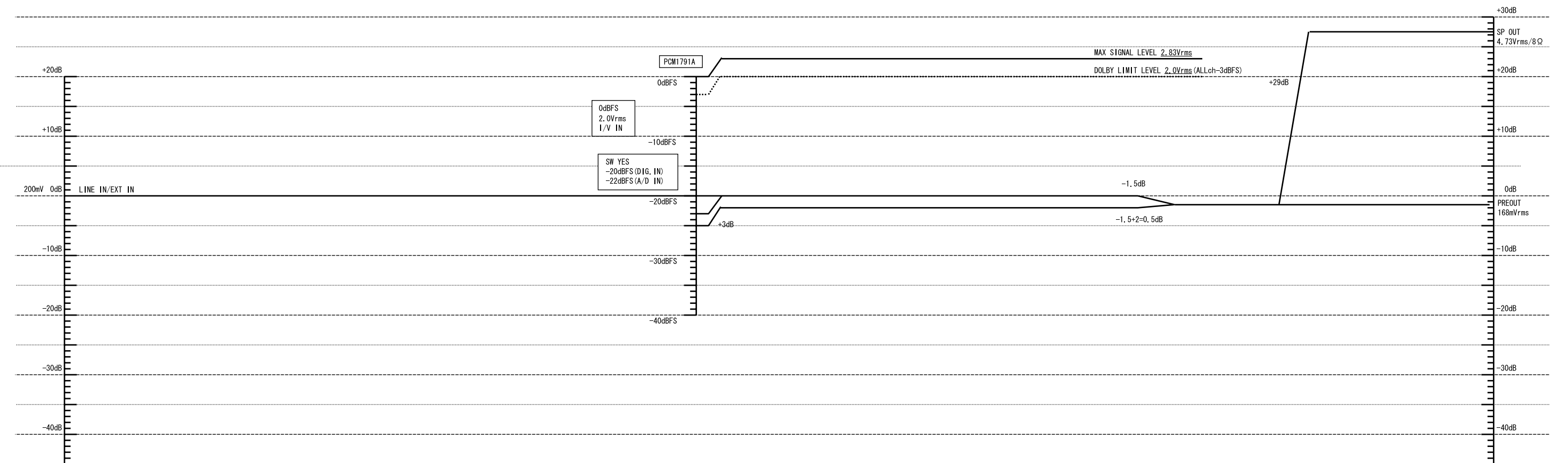
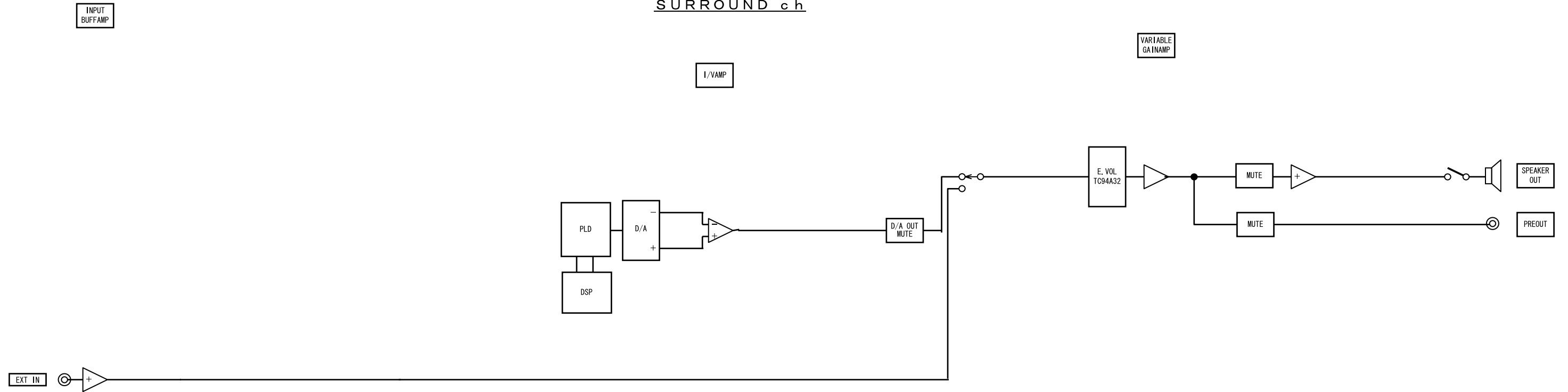
LEVEL DIAGRAMS (3/6)

AVR-3806 LEVEL DIAGRAM
SUBWOOFER ch



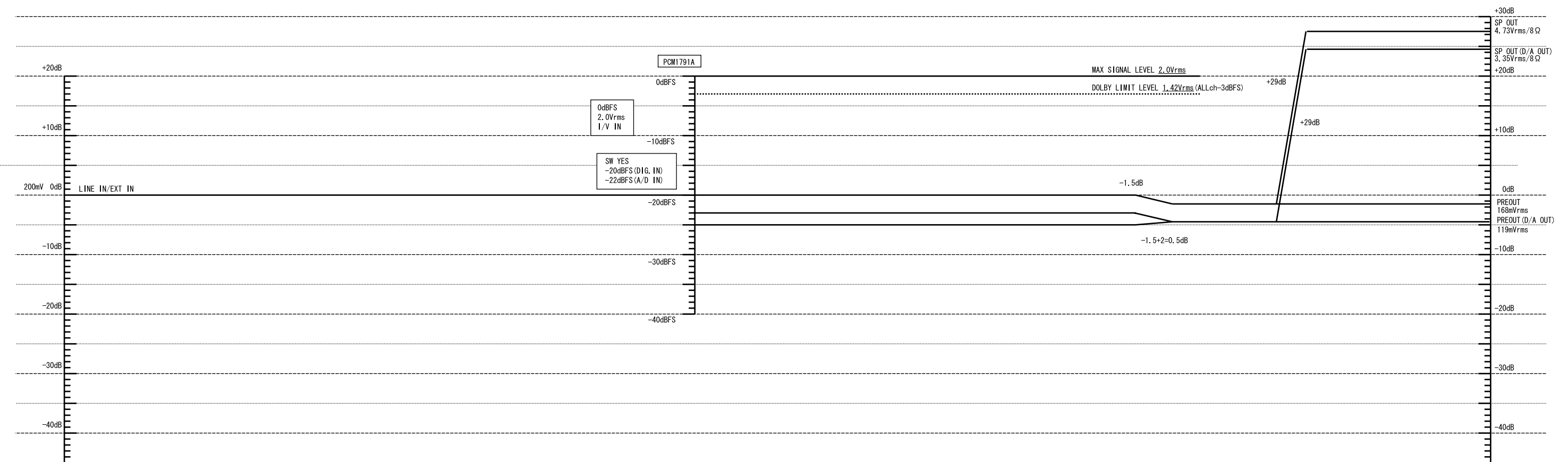
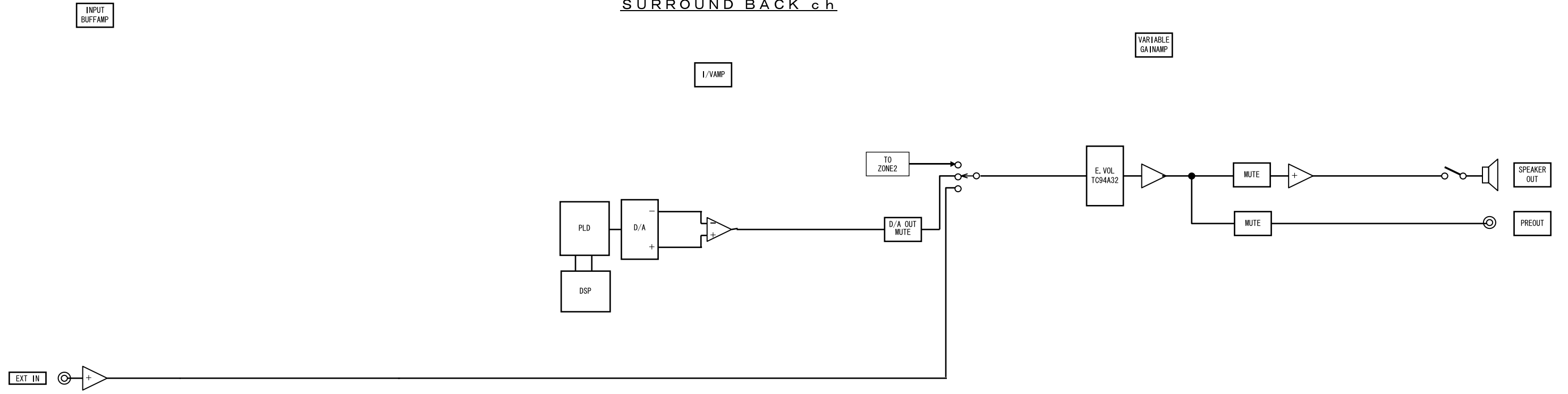
LEVEL DIAGRAMS (4/6)

AVR-3806 LEVEL DIAGRAM
SURROUND ch



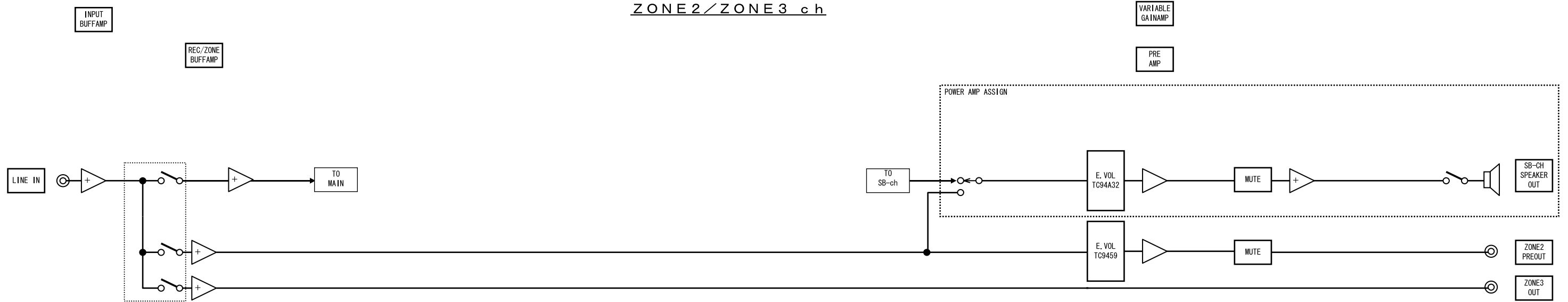
LEVEL DIAGRAMS (5/6)

AVR-3806 LEVEL DIAGRAM
SURROUND BACK ch



LEVEL DIAGRAMS (6/6)

AVR-3806 LEVEL DIAGRAM
ZONE2/ZONE3 ch



SEMICONDUCTORS

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

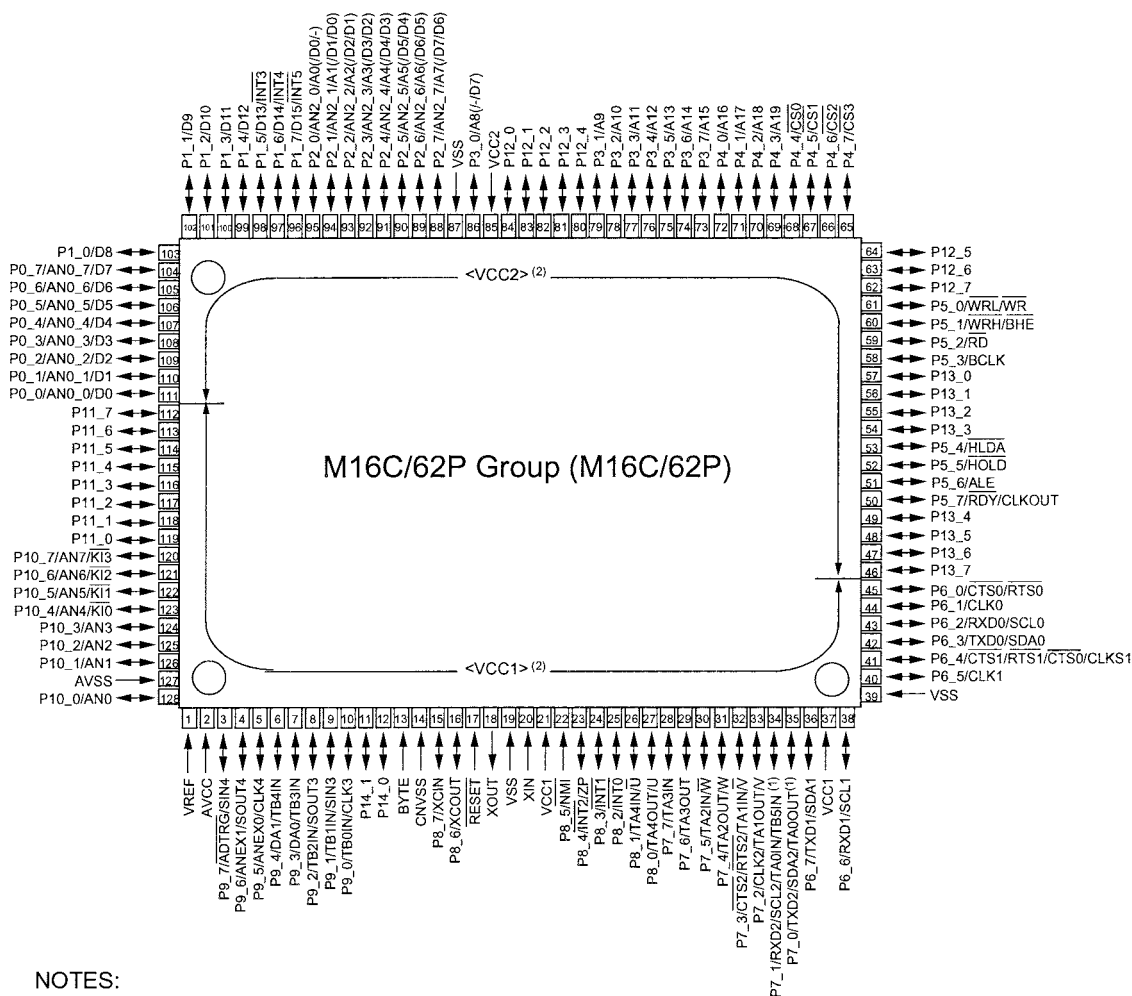
Note : Abbreviation ahead of IC No. indicates the name of P.W.B., etc.

注) : IC No. の前の記号は、基板の名称を表します。

- MA : MAIN CPU UNIT
- PA : POWER AMP UNIT
- PS : POWER SUPPLY UNIT
- FR : FRONT UNIT
- AV : AUDIO/VIDEO UNIT
- DI : DIGITAL UNIT

1. IC's

M30626 (MA : IC506)



NOTES:

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

M30626F Terminal Function

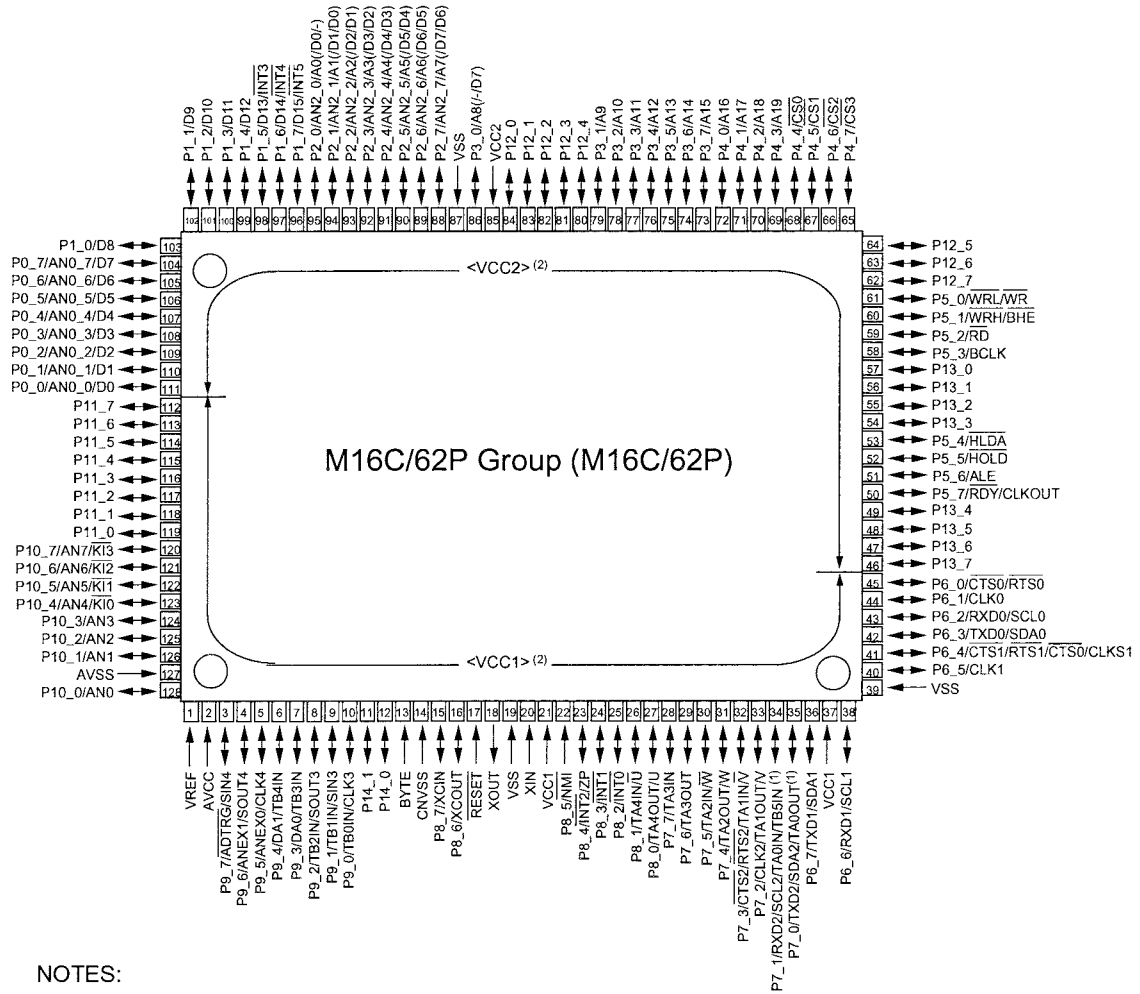
Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	ST BY	stop	FUNCTION
1	P96/SOUT4	(E_SPIMOEI)	O	C	-	-	-	Z	O/L	O/L	Not used
2	P95/CLK4	(E_SPICLK)	O	C	-	-	-	Z	O/L	O/L	Not used
3	P94/TB4	(E_SPICS)	O	C	-	-	-	Z	O/L	O/L	Not used
4	P93/TB3	ACKSIMO	I	-	-	-	Ed	Z	O/L	O/L	MAIN-SUB μ com comm. control pin
5	P92/SOUT3	MOSI	O	C	-	-	Ed	Z	O/L	O/L	MAIN-SUB μ com comm. control pin
6	P91/SIN3	SOMI	O	C	-	-	Ed	Z	O/L	O/L	MAIN-SUB μ com comm. control pin
7	P90/CLK3	CLKMO	O	C	-	-	Ed	Z	O/L	O/L	MAIN-SUB μ com comm. control pin

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	ST BY	stop	FUNCTION
8	BYTE	BYTE	-	-	-	-	-	-	-	-	GND (Ext. data bus bit width switching, 16bit: L)
9	CNVCS	CNVSS	I	-	-	-	Ed	-	-	-	Single-chip/Micro-processor mode switching (Normal single-chip: L,Rewrite boot program start:H input set)
10	P87	RST SUB(RESET2)	O	C	-	-	Ed	Z	O/L	O/L	SUB- μ com reset output
11	P86	(E_RESET)	O	C	-	-	-	Z	O/L	O/L	Not used
12	RESET	RESET	I	-	Lv	-	Eu	L	I	I	Reset input (Reset="L")
13	XOUT	X2	O	-	-	-	-	-	-	-	Oscillator connection
14	VSS	VSS	-	-	-	-	-	-	-	-	GND
15	XIN	X1	I	-	-	-	-	-	I	I	Oscillator connection
16	VCC	VCC	-	-	-	-	-	-	-	-	+5V
17	P85/NMI	_NMI	I	-	-	-	-	-	-	-	Not used (Fixed to H)
18	P84/INT2	B.DOWN	I	-	E ↓ &L	-	Eu	Z	I	I	Power down detect (Power down:L)
19	P83/INT1	PROTECTION	I	-	E ↓ &L	-	Ed	Z	I	I	Protection detect input (Detected:L)
20	P82/INT0	REQSOMI	I	-	E ↓ &L	-	-	-	I	O/L	MAIN-SUB μ com comm. control pin
21	P81	(EMODE)	I	-	Lv	-	Eu	Z	O/L	O/L	Not used
22	P80	REQ XM	I	-	-	-	Ed	Z	O/L	O/L	XM RADIO control pin
23	P77	FSTB1	O	C	-	-	-	Z	O/L	O/L	STB output for function switching control (TC94A46FG)
24	P76	FSTB2	O	C	-	-	-	Z	O/L	O/L	STB output for RECINH/EXT.IN switching control (TC9273N-015,TC9274N-017)
25	P75	A.EXPOE	O	C	-	-	Ed	Z	O/L	O/L	Audio expander control pin(TC4094BF)
26	P74	A.EXPSTB	O	C	-	-	-	Z	O/L	O/L	Audio expander control pin(TC4094BF)
27	P73/CTS2	A.EXPD	O	C	-	-	-	Z	O/L	O/L	Audio expander control DATA output pin (TC4094BF)
28	P72/CLK2	A.EXPCLK	O	C	-	-	-	Z	O/L	O/L	Audio expander control CLK output pin (TC4094BF)
29	P71/RXD2	RXD MIXMO	I	-	-	-	-	Z	I	O/L	XM RADIO control pin
30	P70/TXD2	TXD MOXMI	O	N	-	-	Eu	Z	O/L	O/L	XM RADIO control pin
31	P67/TXD1	TXD MO232I	O	C	-	-	Eu	Z	O/L	O/L	Data transfer output to outside(AMX)
32	P66/RXD1	RXD MI232O	I	-	-	-	Ed	Z	I	O/L	Data receive input from outside(AMX)
33	P65/CLK1	VSCL	I/O	C	-	-	Eu	Z	I	O/L	Video selector control pin (NJW1321)
34	P64/CTS1	VSDA	I/O	C	-	-	Eu	Z	I	O/L	Video selector control pin (NJW1321)
35	P63/TXD0	TXD_iPOD(E_TXDMOEI)	O	C	-	-	-	Z	O/L	O/L	Not used
36	P62/RXD0	RXD_iPOD(E_RXDMIEO)	I	-	-	-	-	Z	O/L	O/L	Not used
37	P61/CLK0	E.VOL_CLK	O	C	-	-	-	Z	O/L	O/L	E-VR control output (TC94A32F,TC9459F)
38	P60/CTS0	E.VOL_DATA	O	C	-	-	-	Z	O/L	O/L	E-VR control output (TC94A32F,TC9459F)
39	P57	E.VOL_STBA	O	C	-	-	-	Z	O/L	O/L	E-VR control output (TC9459F)
40	P56	E.VOL_STBB	O	C	-	-	-	Z	O/L	O/L	E-VR control output (TC94A32F)
41	P55/EPM	FRASH EPM/MUTE POWER	I/O	-	-	-	Eu	Z	I	I	Rewrite boot program start:L input set
42	P54	FUNC CLK	O	C	-	-	-	Z	O/L	O/L	CLK output fur function switching (TC9274N,TC94A46FG,TC9273N)
43	P53	FUNC DATA	O	C	-	-	-	Z	O/L	O/L	DATA output fur function switching (TC9274N,TC94A46FG,TC9273N)
44	P52	MIC DET	I	-	Lv	-	Ed	Z	O/L	O/L	Microphone detect input
45	P51	STEREO	I	-	Lv	-	Eu	Z	O/L	O/L	When TUNER FM stereo receive: L
46	P50/CE	FRASH CE/TERST	I/O	-	-	-	Ed	Z	I	I	Rewrite boot program start: H input set)/Video format detector reset (TE8200PF)
47	P47	TUNED	I	-	Lv	-	Eu	Z	O/L	O/L	TUNER turned detect (Detected:L)
48	P46	TU STB	O	C	-	-	-	Z	O/L	O/L	TUNER PLL control pin (LC72131)
49	P45	TU DOUT	I	-	Lv	-	Ed	Z	I	O/L	TUNER PLL control pin (LC72131)
50	P44	RDS DOUT	I	-	E ↓ &L	-	Eu	Z	I	O/L	RDS data input (LC72720)
51	P43	TURDS CLK	O	C	-	-	-	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)
52	P42	TURDS DATA	O	C	-	-	-	Z	O/L	O/L	PLL & RDS control pin (LC72131 & LC72720)
53	P41	RDS CE	O	C	-	-	-	Z	O/L	O/L	RDS data output (LC72720)
54	P40	iPODACK	O	C	-	-	-	Z	O/L	O/L	Not used
55	P37	VERST	O	C	-	-	Ed	Z	O/L	O/L	Video encoder reset (ADV7320)
56	P36	VDRST	O	C	-	-	Ed	Z	O/L	O/L	Video decoder reset (ADV7403BSTZ-110)
57	P35	OSD_STB	O	C	-	-	-	Z	O/L	O/L	MAIN OSD control pin
58	P34	OSD_CLK	O	C	-	-	-	Z	O/L	O/L	MAIN OSD control pin
59	P33	OSD_DATA	O	C	-	-	-	Z	O/L	O/L	MAIN OSD control pin
60	P32	OSD_RST	O	C	-	-	-	Z	O/L	O/L	MAIN OSD control pin
61	P31	SYNC.DET	I	-	Lv	-	Eu	Z	I	I	Sync. detect input for MAIN(H: Ext. synchronized)
62	VCC	VCC	-	-	-	-	-	-	-	-	+5V
63	P30	COMP SDET	I	-	Lv	-	Eu	Z	I	O/L	MAIN ZONE's COMPONENT signal detect input
64	VSS	VSS	-	-	-	-	-	-	-	-	GND
65	P27	Z1 VSIG.DET	I	-	Lv	-	Eu	Z	I	O/L	MAIN ZONE's VIDEO signal detect input (Detected:H)
66	P26	Z1 SMONIDET	I	-	-	-	Eu	Z	I	O/L	MAIN ZONE's S-monitor connection detect input (Connected:L)
67	P25	Z1 SSIG.DET	I	-	-	-	Eu	Z	I	O/L	MAIN ZONE's S-signal detect input (H: S-signal inputted)
68	P24	V.EXPCLK	O	C	-	-	-	Z	O/L	O/L	CLK output for video expander control (TC4094BF)
69	P23	V.EXPD	O	C	-	-	-	Z	O/L	O/L	DATA output for video expander control (TC4094BF)
70	P22	V.EXPSTB	O	C	-	-	-	Z	O/L	O/L	STB output for video expander control (TC4094BF)
71	P21	V.EXPOE	O	C	-	-	Ed	Z	O/L	O/L	OE output for video expander control (TC4094BF)
72	P20	POSILOW	I	-	E ↓ &L	-	Ed	Z	O/L	O/L	Temperature detect(Detected:L)
73	P17/INT5	(EREQ)	I	-	E ↓ &L	-	-	Z	I	O/L	Not used
74	P16/INT4	REMOCON	I	-	E ↑ &L	-	-	Z	I	I	Remote control signal input
75	P15/INT3	POWER KEY	I	-	E ↓ &L	-	Eu	Z	I	O/L	Interrupt port for WAIT mode cancel
76	P14/D12	POWER	O	C	-	-	Ed	Z	O/L	O/L	POWER relay control output (H:ON)
77	P13/D11	EPOWER	O	C	-	-	Ed	Z	O/L	O/L	ETHERNET POWER control output (H:ON)
78	P12/D10	232C POWER	O	C	-	-	Ed	Z	O/H	O/L	232C POWER control pin (STANDBY:H)
79	P11/D9	REDLED	O	C	-	-	Ed	Z	O/L	O/L	POWER/STANDBY LED control pin

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	ST BY	stop	FUNCTION
80	P10/D8	GRNLED	O	C	-	-	Ed	Z	O/L	O/L	POWER/STANDBY LED control pin
81	P07/D7	H/P DET	I	-	-	-	Eu	Z	O/L	O/L	H/P detect input(Detected:H)
82	P06/D6	FL RST	O	C	-	-	Ed	Z	O/L	O/L	FL DRIVER control pin
83	P05/D5	FL CE2	O	C	-	-	-	Z	O/L	O/L	FL DRIVER control pin
84	P04/D4	FL CE1	O	C	-	-	-	Z	O/L	O/L	FL DRIVER control pin
85	P03/D3	FL DATA	O	C	-	-	-	Z	O/L	O/L	FL DRIVER control pin
86	P02/D2	FL CLK	O	C	-	-	-	Z	O/L	O/L	FL DRIVER control pin
87	P01/D1	VSEL A	I	-	Lv	-	Eu	Z	O/L	O/L	Mazter Volume rotation detect input (Rotary encoder)
88	P00/D0	VSEL B	I	-	Lv	-	Eu	Z	O/L	O/L	Mazter Volume rotation detect input (Rotary encoder)
89	P107/AN7	ISEL A	I	-	Lv	-	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)
90	P106/AN6	ISEL B	I	-	Lv	-	Eu	Z	O/L	O/L	Input selector rotation detect input (Rotary encoder)
91	P105/AN5	KEY3	I	-	Lv	-	Eu	Z	O/L	O/L	Button input3
92	P104/AN4	KEY2	I	-	Lv	-	Eu	Z	O/L	O/L	Button input2
93	P103/AN3	KEY1	I	-	Lv	-	Eu	Z	O/L	O/L	Button input1
94	P102/AN2	ASIGDET	I	-	Lv	-	-	Z	O/L	O/L	Signal detect input
95	P101/AN1	iPODDET	O	C	-	-	-	Z	O/L	O/L	Not used
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	(E. SPIMIEO)	O	C	-	-	-	Z	O/L	O/L	Not used

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

M30620FCPGP (DI : IC251)



NOTES:

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

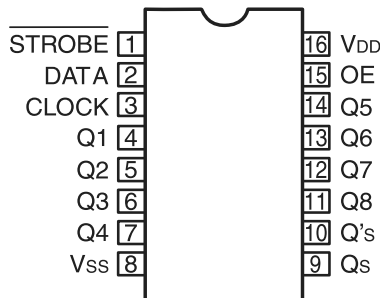
M30620FCPGP Terminal Function

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	FUNCTION
1	P94/TB4	DLINK ON	O	C	-	-	-	Z	DENON LINK ON terminal (DENON LINK: H)
2	P93/TB3	DIRCE	O	C	-	-	-	Z	DIR control pin (LC89057W)
3	P92/SOUT3	DIRDIN	O	C	-	-	-	Z	DIR control pin (LC89057W)
4	P91/SIN3	DIRDOUT	I	-	Lv	-	Eu	Z	DIR control pin (LC89057W)
5	P90/CLK3	DIRCLK	O	C	-	-	-	Z	DIR control pin (LC89057W)
6	BYTE	BYTE	-	-	-	-	-	-	GND (Ext. data bus bit width switching, 16bit: L)
7	CNVCS	CNVSS	-	-	-	-	-	-	Single-chip/Micro-processor mode switching (Normal single-chip: L,Rewrite boot program start:H input set)
8	P87	DSPBOOT	I	-	-	-	Eu	Z	DSP rewrite boot program (DSP rewrite: L input)
9	P86	VSEL2	O	C	-	-	-	Z	Video PLD control pin (LC4064V-LC75TN100C)
10	RESET	SUBRESET	I	-	Lv	-	Eu	L	Reset input
11	XOUT	X1	O	-	-	-	-	-	Oscillator connection
12	VSS	VSS	-	-	-	-	-	-	GND
13	XIN	X2	I	-	-	-	-	-	Oscillator connection
14	VCC	VCC	-	-	-	-	-	-	+5V
15	P85/NMI	_NMI	I	-	-	-	-	-	Not used (Fixed to H)
16	P84/INT2	VSEL3	O	C	-	-	-	Z	Video PLD control pin (LC4064V-LC75TN100C)
17	P83/INT1	ACKSIMO	I	-	E ↓ &L	-	Ed	Z	MAIN/SUB-?com control input (ACK from MAIN ?com L terum)
18	P82/INT0	SUBBDOWN	I	-	E ↓ &L	-	Eu	Z	Power down detect (Power down: L)
19	P81	VSEL4	O	C	-	-	-	Z	Video PLD control pin (LC4064V-LC75TN100C)
20	P80	VSEL0	O	C	-	-	-	Z	Video PLD control pin (LC4064V-LC75TN100C)
21	P77	VSEL1	O	C	-	-	-	Z	Video PLD control pin (LC4064V-LC75TN100C)
22	P76	PLD CS MAIN	O	C	-	-	-	Z	Main PLD control pin (EPM3128ATC144-10)
23	P75	PLD DATA	O	C	-	-	-	Z	Main PLD/Video PLD control pin (EPM3128ATC144-10,LC4064V-LC75TN100C)
24	P74	PLD CLK	O	C	-	-	-	Z	Main PLD/Video PLD control pin (EPM3128ATC144-10,LC4064V-LC75TN100C)
25	P73/CTS2	AD OVER L	I	-	Lv	-	-	Z	LCH OVERLOAD
26	P72/CLK2	DIGITAL POWER	O	C	-	-	Ed	Z	DIGITAL power on/off switching(ON:H)

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	FUNCTION
27	P71/RXD2	SCL/EDIT SCL	I/O	C	-	-	Eu	Z	VIDEO I2C/HDMI EDIT(E2PROM) control pin
28	P70/TXD2	SDA/EDIT SDA	I/O	C	-	-	Eu	Z	VIDEO I2C/HDMI EDIT(E2PROM) control pin
29	P67/TXD1	TXD.S	O	C	-	-	Eu	Z	Data transfer output to outside
30	P66/RXD1	RXD.S	I	-	Lv	-	Eu	Z	Data receive input from outside
31	P65/CLK1	SCLK	I	-	-	-	Eu	Z	for emulator
32	P64/CTS1	BUSY	O	C	-	-	-	Z	for emulator
33	P63/TXD0	SOMI	O	C	-	-	-	Z	MAIN-SUB μ com comm. control pin
34	P62/RXD0	SIMO	I	-	-	-	Ed	Z	MAIN-SUB μ com comm. control pin
35	P61/CLK0	CLKSIMO	I	-	-	-	Ed	Z	MAIN-SUB μ com comm. control pin
36	P60/CTS0	REQSOMI	O	C	-	-	-	Z	MAIN-SUB μ com comm. control pin
37	P57	OSR2	O	C	-	-	Eu	Z	A/D control pin(PCM1804) 48kHz:L
38	P56	ADC RST	O	C	-	-	Eu	Z	AD RST
39	P55/EPM	(FRASH EPM)/(AUTH)	I	-	Lv	-	-	Z	(Rewrite boot start:L)/(Test pin:AUTH)
40	P54	P1HPRMV1	O	C	-	-	-	Z	HP DET control pin for HDMI IN1 terminal
41	P53	POHPRMV1	O	C	-	-	-	Z	HP DET control pin for HDMI IN2 terminal
42	P52	(P1HPRMV2)	O	C	-	-	-	Z	Not used
43	P51	(POHPRMV2)	O	C	-	-	-	Z	Not used
44	P50/CE	FRASH CE/(AVMUTE)	I	-	-	-	-	Z	Rewrite boot program start: H input set)/(Test pin:AVMUTE)
45	P47	WP1	O	C	-	-	Ed	Z	HDMI IN1 EDIT(24LC02) WRITE PROTECT
46	P46	WP2	O	C	-	-	Ed	Z	HDMI IN1 EDIT(24LC02) WRITE PROTECT
47	P45	(WP3)	O	C	-	-	Ed	Z	Not used
48	P44	(WP4)	O	C	-	-	Ed	Z	Not used
49	P43	INT1	I	-	E \downarrow &L	-	-	Z	HDMI receiver(SiI9031)INT (HDMI IN1/2)
50	P42	(INT2)	I	-	E \downarrow &L	-	-	Z	Not used
51	P41	SCDT1	I	-	-	-	-	Z	HDMI receiver(Si I9031)SCDT output (HDMI IN1/2)
52	P40	(SCDT2)	I	-	-	-	-	Z	Not used
53	P37	HDMI R RST1	O	C	-	-	Ed	Z	HDMI receiver(SiI9031)reset(HDMI IN1/2)
54	P36	(HDMI R RST2)	O	C	-	-	Ed	Z	Not used
55	P35	HDMI T RST	O	C	-	-	Ed	Z	HDMI TRANSMITTER reset (SiI9030)
56	P34	HDMI SENS	I	-	Lv	-	-	Z	HDMI input signal detect input
57	P33	FGAIN	O	C	-	-	Ed	Z	FGAIN control pin
58	P32	DACMDI/ZDACDATA	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)/ZONE DAC controlpin(AK4385ET)
59	P31	DACMC/ZDACCLK	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)/ZONE DAC controlpin(AK4385ET)
60	VCC	VCC	-	-	-	-	-	-	+5V
61	P30	DACMS	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)
62	VSS	VSS	-	-	-	-	-	-	GND
63	P27	DACRST	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)
64	P26	ZDACRST	O	C	-	-	-	Z	ZONE DAC controlpin(AK4385ET)
65	P25	Z2DACCS	O	C	-	-	-	Z	ZONE DAC controlpin(AK4385ET)
66	P24	Z3DACCS	O	C	-	-	-	Z	ZONE DAC controlpin(AK4385ET)
67	P23	(SEL4FS)	I/O	C	-	-	-	Z	Not used
68	P22	(SEL1FS)	I/O	C	-	-	-	Z	Not used
69	P21	(INIT)	I/O	C	-	-	-	Z	Not used
70	P20	DRECIINH	O	C	-	-	Ed	Z	Digital RECOU INH control pin
71	P17/INT5	DRECC	O	C	-	-	-	Z	Digital RECOU switching
72	P16/INT4	DRECB	O	C	-	-	-	Z	Digital RECOU switching
73	P15/INT3	DRECA	O	C	-	-	-	Z	Digital RECOU switching
74	P14/D12	DINC	O	C	-	-	-	Z	Digital input switching
75	P13/D11	DINB	O	C	-	-	-	Z	Digital input switching
76	P12/D10	DINA	O	C	-	-	-	Z	Digital input switching
77	P11/D9	VPP	O	C	-	-	Eu	-	Normal: H Writing flash ROM for DSP: L
78	P10/D8	DIR3 CKST	O	C	-	-	Eu	Z	DIR control pin(LC89057W-VF4-E)
79	P07/D7	DIR2 CKST	O	C	-	-	Eu	Z	DIR control pin(LC89057W-VF4-E)
80	P06/D6	DIR1 CKST	O	C	-	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
81	P05/D5	INT3	I	-	E \downarrow &L	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
82	P04/D4	INT2	I	-	E \downarrow &L	-	Eu	Z	DIR control pin(LC89057W-VF4-E)
83	P03/D3	INT1	I	-	E \downarrow &L	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
84	P02/D2	DIRRST3	O	C	-	-	-	Z	DIR control pin(LC89057W-VF4-E)
85	P01/D1	DIRRST2	O	C	-	-	-	Z	DIR control pin(LC89057W-VF4-E)
86	P00/D0	DIRRST1	O	C	-	-	-	Z	DIR control pin(LC89057W-VF4-E)
87	P107/AN7	I/O POWER	O	C	-	-	Eu	Z	POWER ON="L" (After 10ms from DIGITAL POWER ON)
88	P106/AN6	DSPRST	O	C	-	-	Ed	Z	DSP reset output pin (reset: L)
89	P105/AN5	DSPROMRST	O	C	-	-	Ed	Z	Memory reset for DSP (reset: L)
90	P104/AN4	FLAG0	I	-	Lv	-	Ed	Z	DSP control pin (ADSP-21366)
91	P103/AN3	FLAG1	I	-	Lv	-	-	Z	DSP control pin (ADSP-21366)
92	P102/AN2	FLAG2	I	-	Lv	-	-	Z	DSP control pin (ADSP-21366)
93	P101/AN1	DSPICS	O	C	-	-	-	Z	DSP control pin (ADSP-21366)
94	AVSS	AVSS	-	-	-	-	-	-	AD GND
95	P100/AN0	DSPOSCON	O	C	-	-	-	Z	DSP OSC ON (DSP ON="H"(After 20ms from DIGITAL POWER ON))
96	VREF	VREF	-	-	-	-	-	-	AD ref. +5V
97	AVCC	AVCC	-	-	-	-	-	-	AD +5V
98	P97/SIN4	DSPOSI	I	-	Lv	-	Eu	Z	DSP control pin (ADSP-21366)
99	P96/SOUT4	DSPISO	O	C	-	-	-	Z	DSP control pin (ADSP-21366)
100	P95/CLK4	DSPICK	O	C	-	-	-	Z	DSP control pin (ADSP-21366)

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

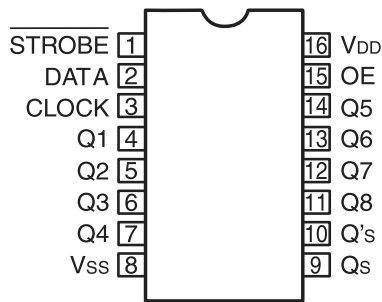
TC4094BF(TP1) (MA : IC501,502,504,508)



TC4094BF(TP1) Terminal Function

bit	Port	Symbol	Function
IC504	EXP1	TRIGGER 2	TRIGGER OUT 2 control pin
	EXP2	TRIGGER 1	TRIGGER OUT 1 control pin
	EXP3	AD MUTE	AD mute control pin
	EXP4	PRE Z3 MUTE	PREOUT mute control pin
	EXP5	PRE Z2 MUTE	PREOUT mute control pin
	EXP6	PRE SB MUTE	PREOUT mute control pin
	EXP7	PRE S MUTE	PREOUT mute control pin
	EXP8	PRE SW MUTE	PREOUT mute control pin
IC508	EXP9	PRE C MUTE	PREOUT mute control pin
	EXP10	PRE F MUTE	PREOUT mute control pin
	EXP11	LIMIT	LIMIT control pin (7ch ST=H,EXT.IN=H)
	EXP12	A+B LIMIT	A+B LIMIT control pin (SURROUND SPEAKER A+B=H)
	EXP13	RDS RST	RDS reset (LC72720)
	EXP14	T.MUTE	Tuner mute control pin (MUTE=L)
	EXP15	EQ GRN	MULT EQ LED (GRN) control pin
	EXP16	EQ RED	MULT EQ LED (RED) control pin
IC501	EXP17	XM RST	XM RADIO control pin
	EXP18	XM COMMAND	XM RADIO control pin
	EXP19	SCPU POWER	SUB CPU power on/off switching(H:ON)
	EXP20	(UART RL)	Not used
	EXP21	LED-U1	USER SELECT 1 LED control pin
	EXP22	LED-U2	USER SELECT 2 LED control pin
	EXP23	LED-U3	USER SELECT 3 LED control pin
	EXP24	XM POWER	XM RADIO power on/off switching(H:ON)
IC502	EXP25	BINRL	AMP +B control
	EXP26	F/S RL	FRONT speaker relay control pin
	EXP27	C RL	CENTER speaker relay control pin
	EXP28	SRA/FA RL	SURROUND A speaker relay control pin
	EXP29	SRB/FB RL	SURROUND B speaker relay control pin
	EXP30	SB RL	SURROUND BACK speaker relay control pin
	EXP31	HP RL	H/P RELAY control pin
	EXP32	VIDEO POWER	Video power on/off switching(H:ON)

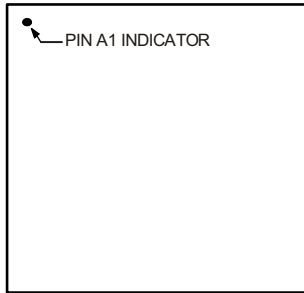
BU4094BCFV-E2 (AV : IC708,709,710)



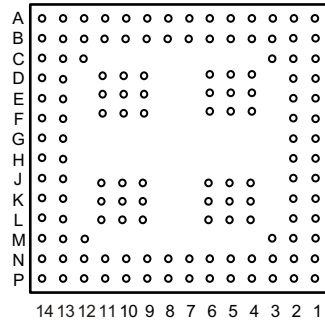
BU4094BCFV-E2 Terminal Function

bit	Port	Symbol	Function
IC708	EXP1	IN A	Video input select
	EXP2	IN B	Video input select
	EXP3	IN C	Video input select
	EXP4	Z1IN INH	Video input select
	EXP5	REC A	Video RECOUT select
	EXP6	REC B	Video RECOUT select
	EXP7	REC C	Video RECOUT select
	EXP8	REC INH	Video RECOUT select
IC709	EXP9	VCR1 INH	Video RECOUT select(VCR1 INH)
	EXP10	VCR2 INH	Video RECOUT select(VCR2 INH)
	EXP11	Z2 INH	ZONE2 video output select (Z2 INH)
	EXP12	Z1 VMONIA	COMPOSIT MONITOR OUT video select
	EXP13	Z1 VMONIB	COMPOSIT MONITOR OUT video select
	EXP14	Z1 SMONIA	S MONITOR OUT video select
	EXP15	Z1 SMONIB	S MONITOR OUT video select
	EXP16	S2_OUT	S/COMPOSIT select control pin
IC710	EXP17	S1_IN	S/COMPOSIT select control pin
	EXP18	Z1 VOSD	MAIN S OSD/OSD PASS select control pin
	EXP19	Z1 SOSD	MAIN S OSD/OSD PASS select control pin
	EXP20	(Y/C SEL)	Not used
	EXP21	P.SAVE	COMPONENT → CONVERT disable control pin
	EXP22	MONI DIS	COMPONENT MONITOR disable control pin
	EXP23	NIGHT LED	NIGHT LED control pin
	EXP24	NC	NC
IC711	EXP25	LINE A	D connector LINE control pin
	EXP26	LINE B	D connector LINE control pin
	EXP27	INH LINE	D connector LINE control pin
	EXP28	ASPECT H	ASPECT ratio level control pin
	EXP29	ASPECT L	ASPECT ratio level control pin
	EXP30	NC	NC
	EXP31	NC	NC
	EXP32	NC	NC

ADSP-21366SKBCZ (DI : IC201)



TOP VIEW

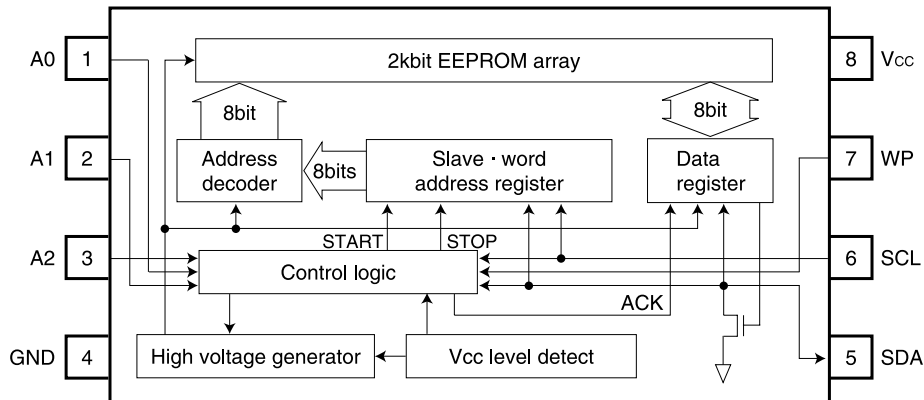


BOTTOM VIEW

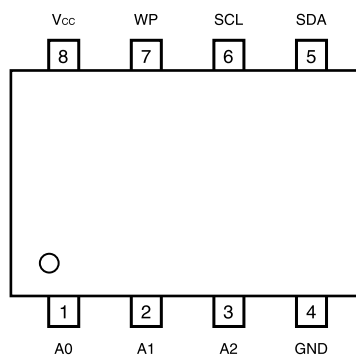
Pin Name	LQFP Pin No.	Pin Name	LQFP Pin No.	Pin Name	LQFP Pin No.	Pin Name	LQFP Pin No.
V _{DDINT}	1	V _{DDINT}	37	V _{DDEXT}	73	GND	109
CLKCFG0	2	GND	38	GND	74	V _{DDINT}	110
CLKCFG1	3	\overline{RD}	39	V _{DDINT}	75	GND	111
BOOTCFG0	4	ALE	40	GND	76	V _{DDINT}	112
BOOTCFG1	5	AD15	41	DAI_P10 (SD2B)	77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

BR24L02F-WE2 (DI : IC403,404)

Block diagram



Pin configuration

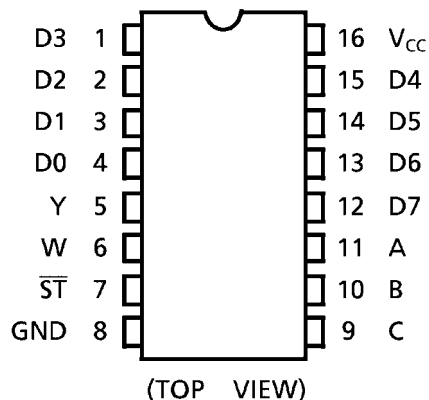


Pin name

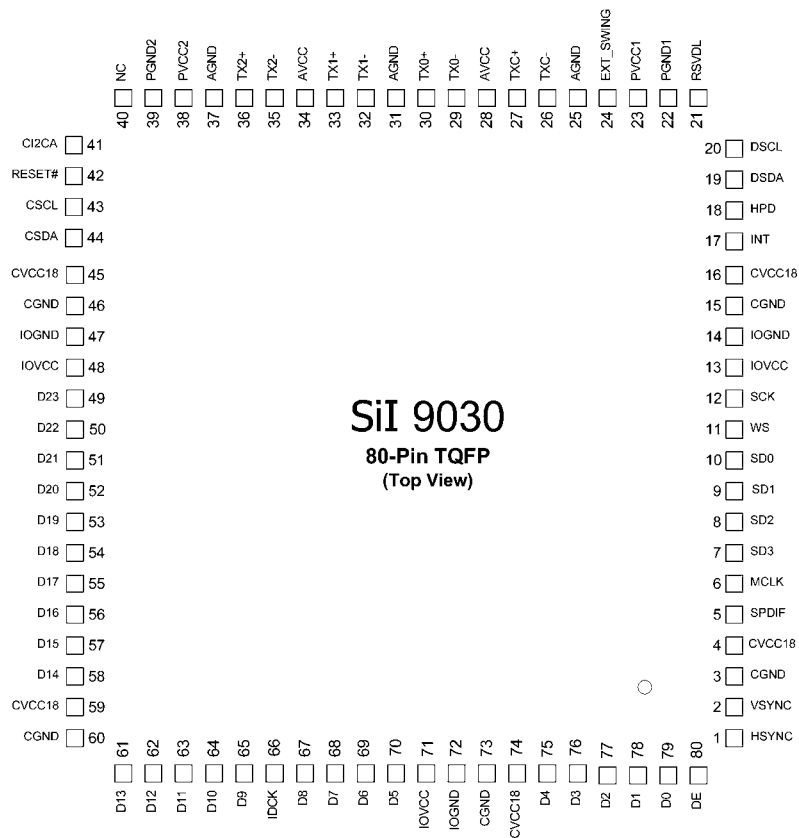
Pin name	I / O	Function
Vcc		Power supply
GND		Ground (0V)
A0, A1, A2	IN	Slave address set
SCL	IN	Serial clock input
SDA	IN / OUT	Slave and word address, serial data input, serial data output ¹
WP	IN	Write protect input

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

TC74HC151AF (MA : IC905,906)

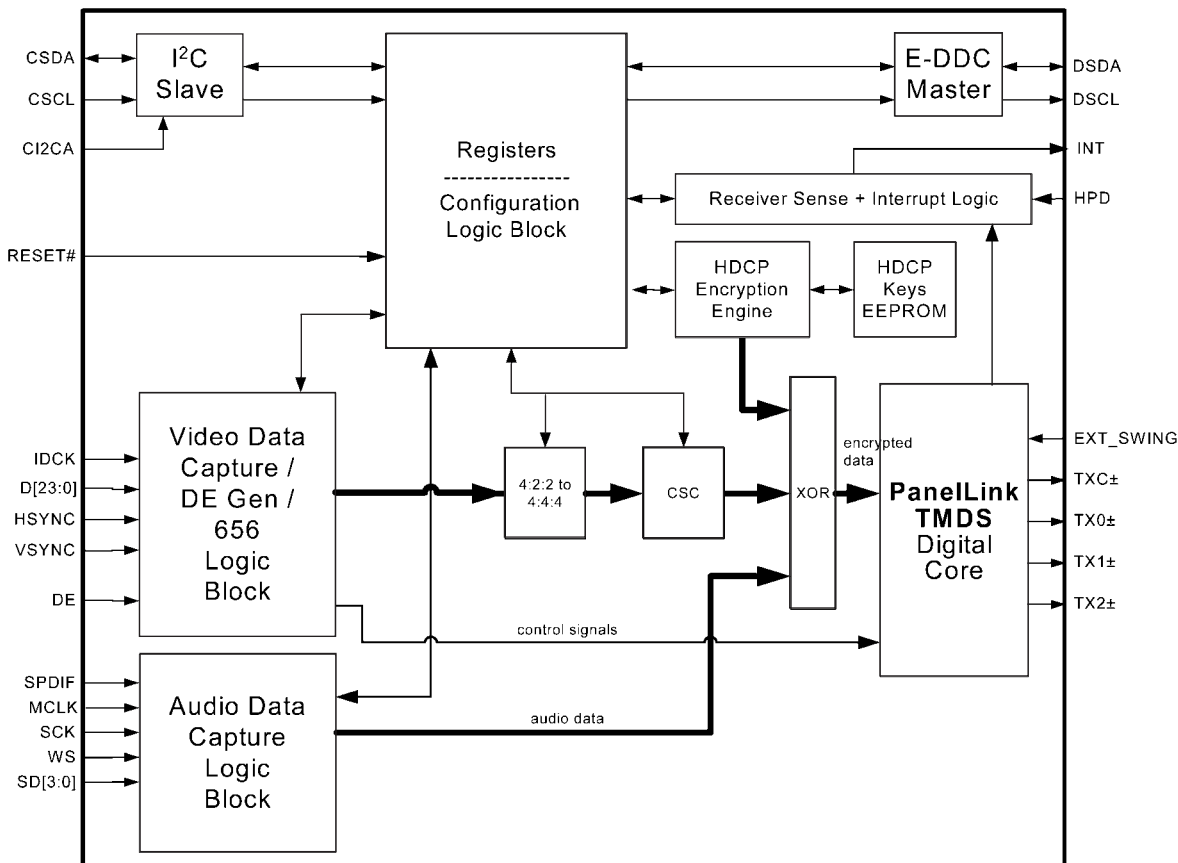


SiI9030CUT-7 (DI : IC451)

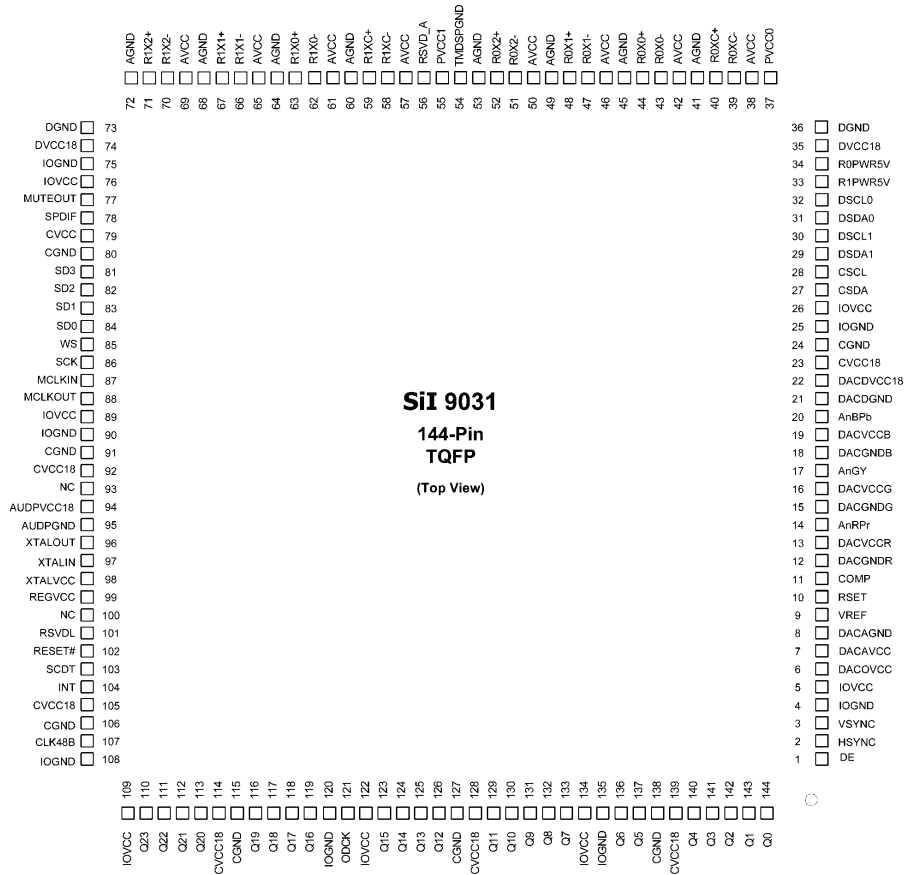


SiI 9030
80-Pin TQFP
(Top View)

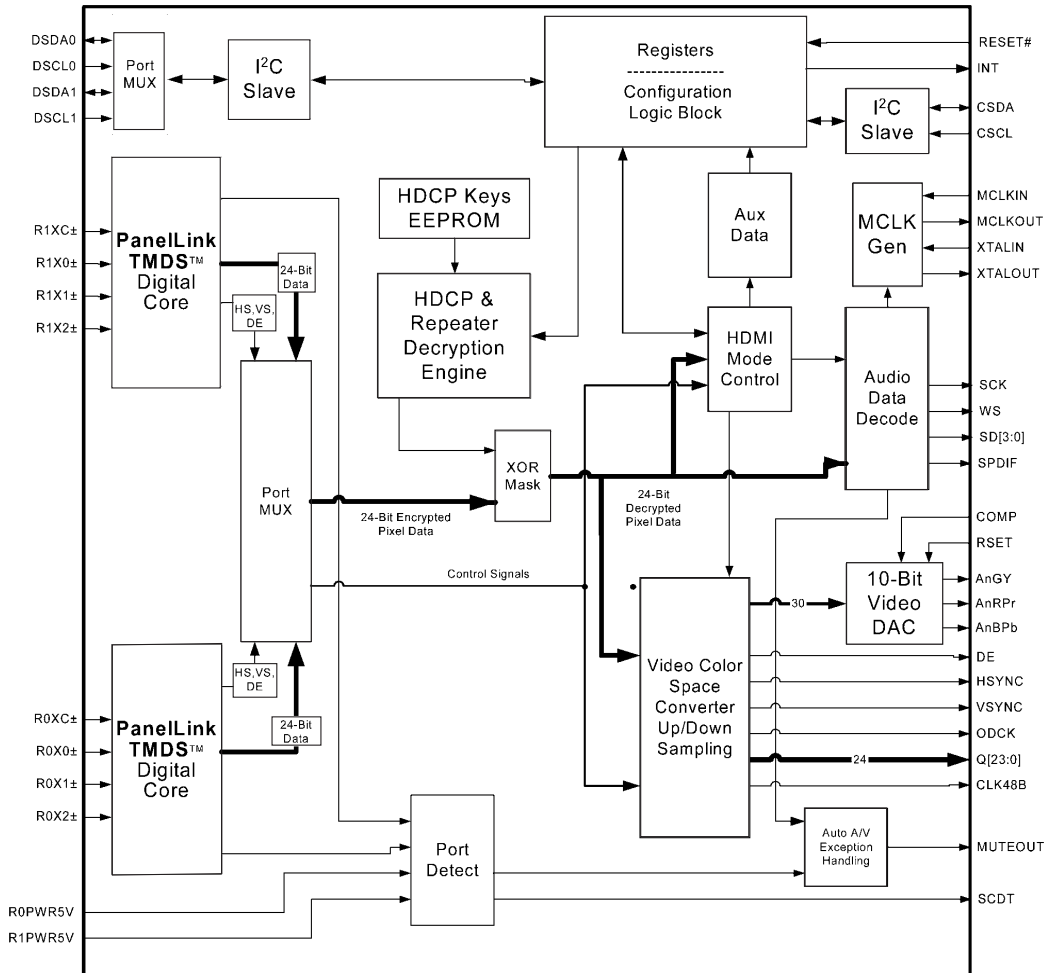
Functional Block Diagram



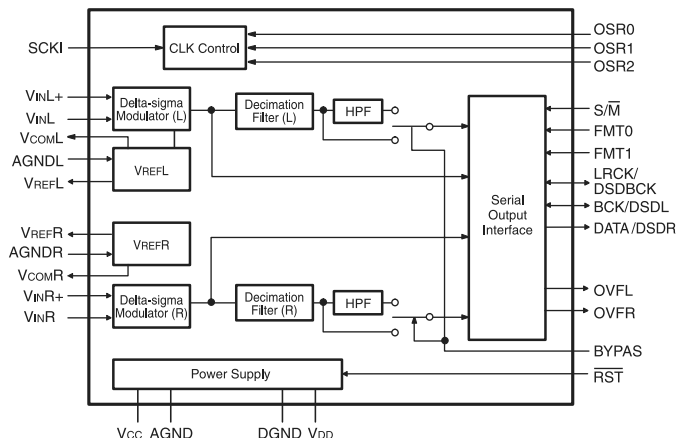
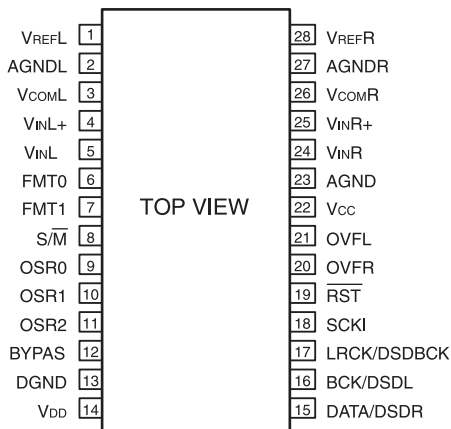
SiI9031CUT-7 (DI : IC401)



Functional Block Diagram



PCM1804 (DI : IC301)



PCM1804 Terminal Function

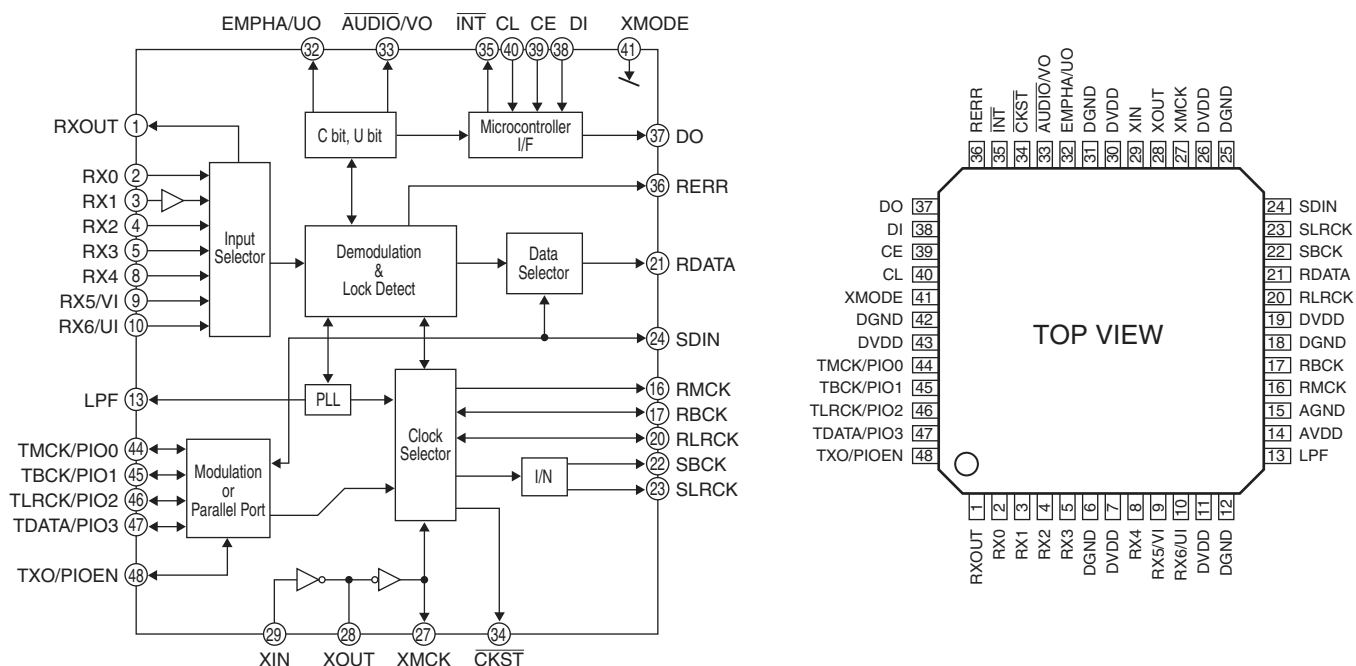
Pin No.	Pin Name	I/O	Function
1	VREFL		L-channel voltage reference output, requires capacitors for decoupling to AGND.
2	AGNDL		Analog ground for VREFL.
3	VCOML		L-channel analog common mode output.
4	VINL+	I	L-channel analog input, positive pin.
5	VINL	I	L-channel analog input, negative pin.
6	FMT0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

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

** Schmitt trigger input, 5V tolerant.

*** Schmitt trigger input.

LC89057W-VF4A (DI : IC101,102,103)



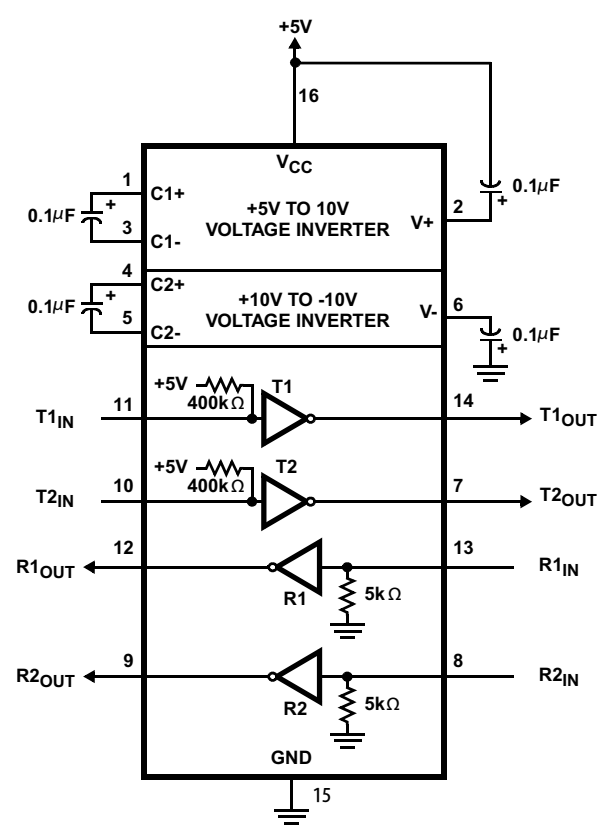
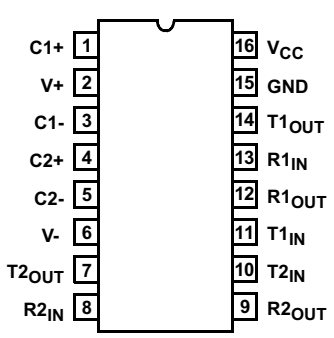
LC89057W Terminal Function

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

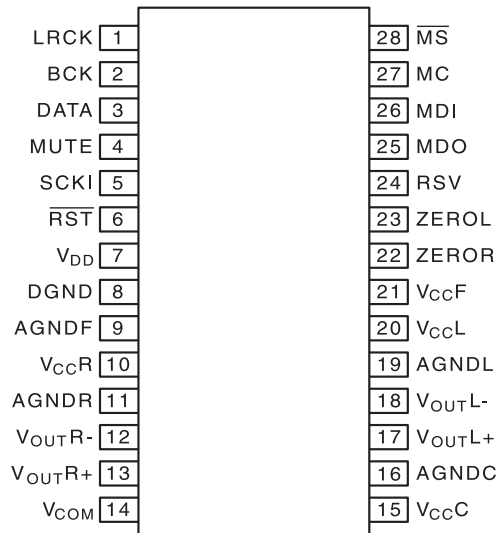
Pin No.	Pin Name	I/O	Function
28	XOUT	O	X'tal osc. connecting output terminal
29	XIN	I	X'tal osc. connection, external clock input terminal (24.576MHz or 12.288MHz)
30	DVDD	—	Digital power
31	DGND	—	Digital GND
32	EMPHA/UO	I/O	Emphasis information/U-data output/Chip address setting terminal
33	AUDIO/VO	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.

HIN202EIBNZ-T (FR : IC705)



PCM1791ADBR (DI : IC302,303,304,305)



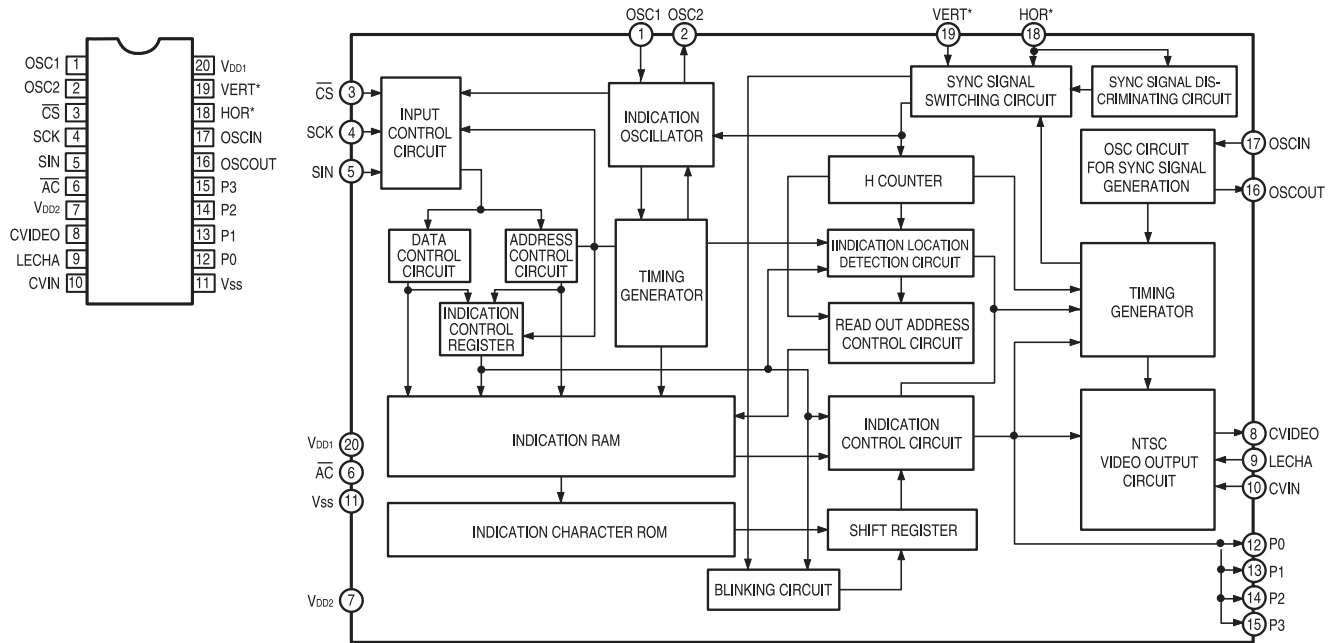
PCM1791 Terminal Function

Pin No.	Pin Name	I/O	DESCRIPTIONS
1	LRCK	I	Left and right clock (f_s) input for normal operation. WDCK clock input in external DF mode. Connected to GND in DSD mode*
2	BCK	I	Bit clock input. Connected GND for DSD mode*
3	DATA	I	Serial audio data input for normal operation. L-channel audio data input for external DF and DSD modes*
4	MUTE	I	Analog output mute control for normal operation. R-channel audio data input for external DF and DSD modes*
5	SCKI	I	System Clock Input. BCK ($64f_s$) clock input for DSD mode*
6	\overline{RST}	I	Reset*
7	VDD	„	Digital power supply, +3.3 V
8	DGND	„	Digital ground
9	AGNDF	„	Analog ground (DACFF)
10	VCCR	„	Analog power supply (R-channel DAC), +5.0 V
11	AGNDR	„	Analog ground (R-channel DAC)
12	VoutR-	O	R-channel analog voltage output-
13	VoutR+	O	R-channel analog voltage output+
14	VCOM	„	Internal bias de-coupling pin
15	VCC	„	Analog power supply (internal bias), +5.0 V
16	AGNDC	„	Analog ground (internal bias)
17	VoutL+	O	L-channel analog voltage output+
18	VoutL-	O	L-channel analog voltage output-
19	AGNDL	„	Analog ground (L-channel DAC)
20	VCCL	„	Analog power supply (L-channel DAC), +5.0 V
21	VCCF	„	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.

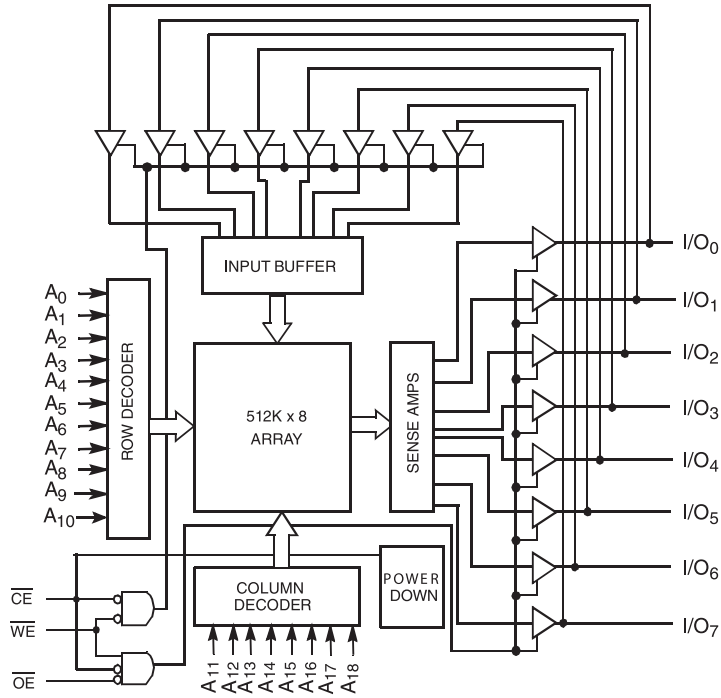
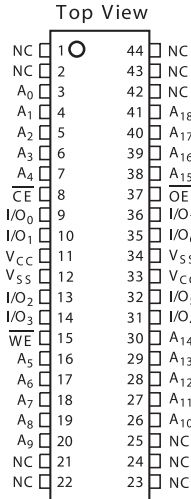
M35015-***SP (AV : IC703)



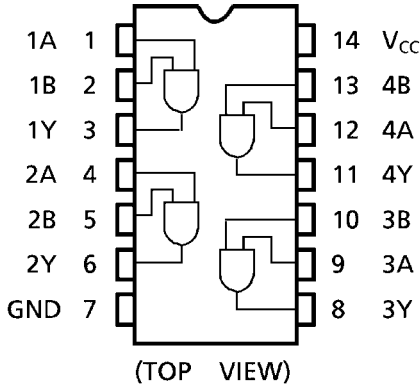
M35015- *** SP Terminal Function

Pin No.	Symbol	Name	I/O	Function
1	OSC1	Osc. circuit ext. terminal.	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		O	
3	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	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	OSCOU	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	I	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.

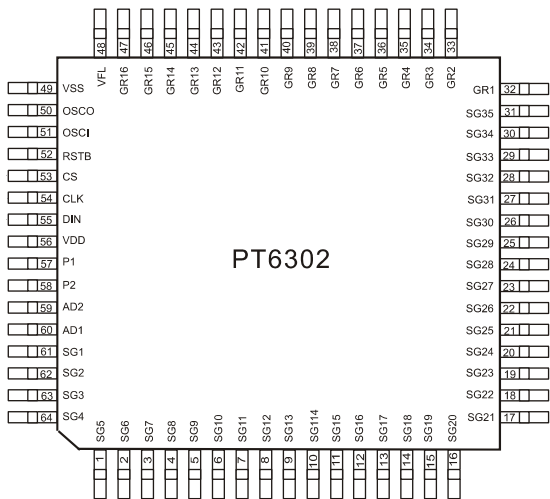
CY7C1049CV33-10ZC (DI : IC209,210)



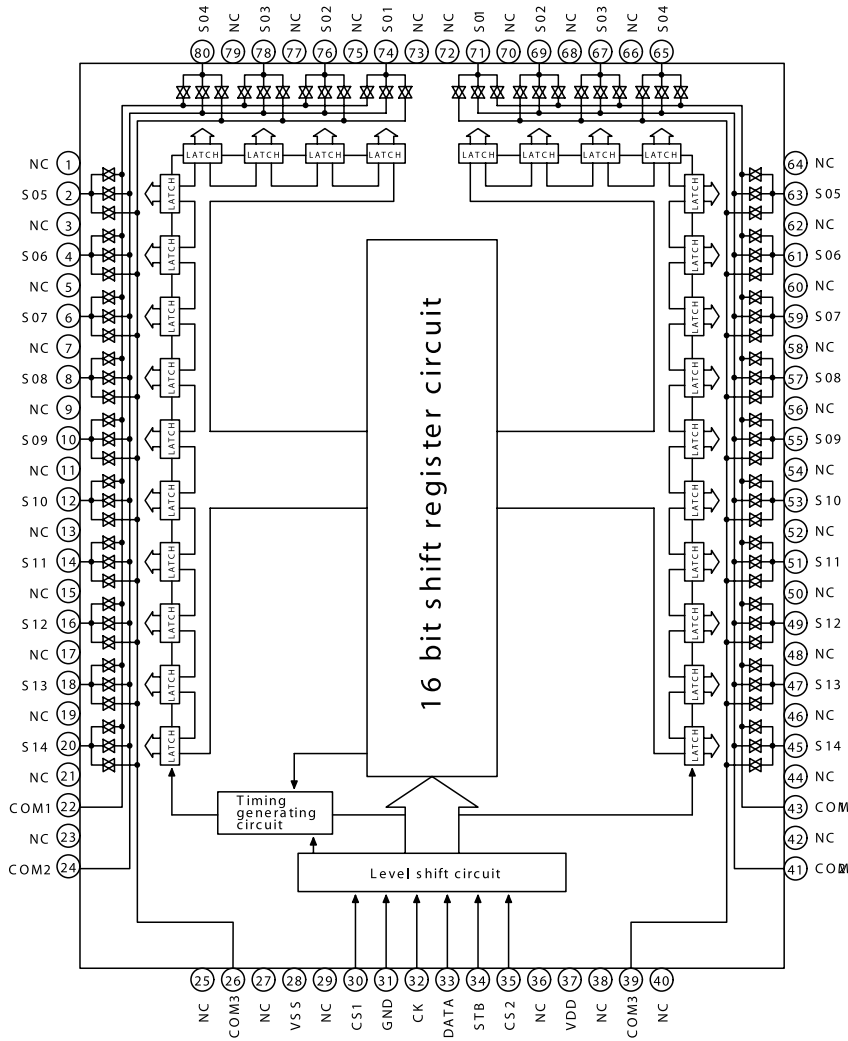
**TC74VHCT08AFT (DI : IC254)
SN74LV08APW-EL2 (DI : IC252,844)**



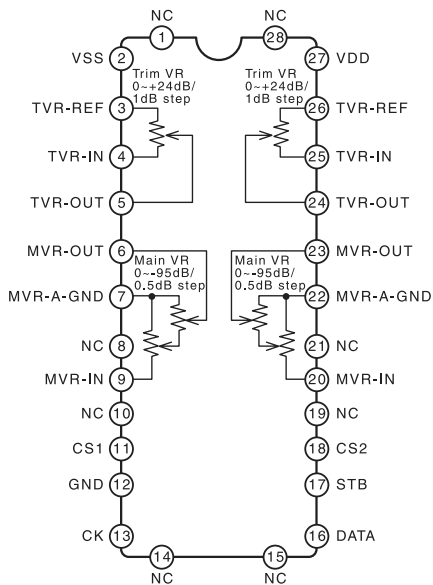
PT6302LQ-001(L) (FR : IC103,104)

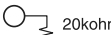


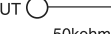


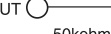




TC94A46FG (AV : IC406)

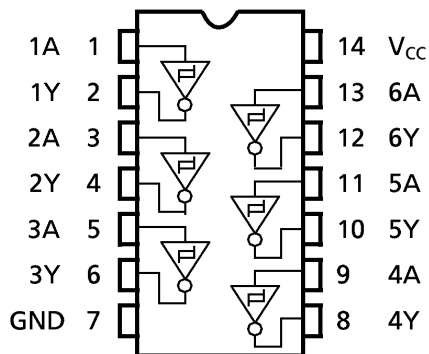


TC94A32F (AV : IC201,202,203,204)

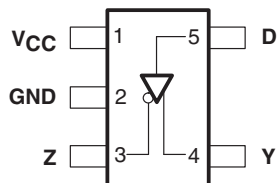


Pin No.	Pin Name	Function																													
2	VSS																														
27	VDD																														
12	GND																														
3	L-TVR-REF	Trim volume circuit L/R-TVR-REF  L/R-TVR-IN  L/R-TVR-OUT 																													
26	R-TVR-REF																														
4	L-TVR-IN																														
25	R-TVR-IN	Main volume circuit L/R-MVR-OUT  L/R-MVR-AGND  L/R-MVR-IN 																													
5	L-TVR-OUT																														
24	R-TVR-OUT																														
6	L-MVR-OUT	Main volume circuit L/R-MVR-OUT  L/R-MVR-AGND  L/R-MVR-IN 																													
23	R-MVR-OUT																														
7	L-MVR-AGND																														
22	R-MVR-AGND	Chip select code switching input <table border="1"> <tr> <th>CS1</th> <th>CS2</th> <th colspan="3">Chip select code</th> </tr> <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> </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																										
9	L-MVR-IN																														
20	R-MVR-IN																														
11	CS1	Chip select code switching input <table border="1"> <tr> <th>CS1</th> <th>CS2</th> <th colspan="3">Chip select code</th> </tr> <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> </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																														

TC74VHC14F (MA : IC904,913)



SN65LVDS1DBVR (AV : IC915)



TC4051BF (FR : IC405,406)

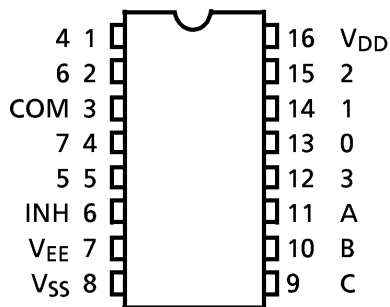
TC4052BF (FR : IC404)

TC4053BF (FR : IC403)

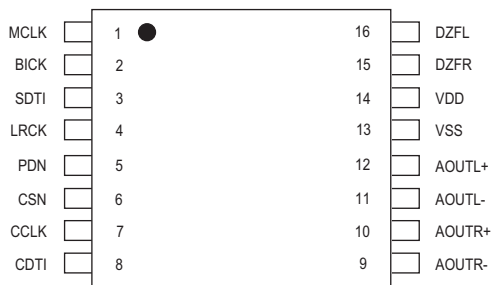
TC4051BFT (AV : IC308,309,310,311)

TC4052BFT (AV : IC307)

TC4053BFT (AV : IC305,306,704)



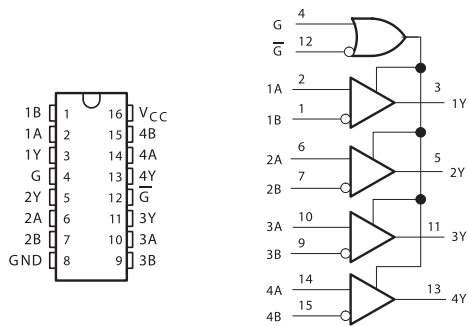
AK4385ET (DI : IC351)



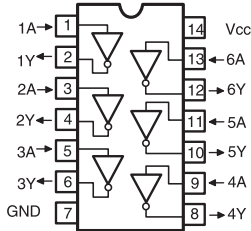
LH28F160BJE-BTL90 (DI : IC208)



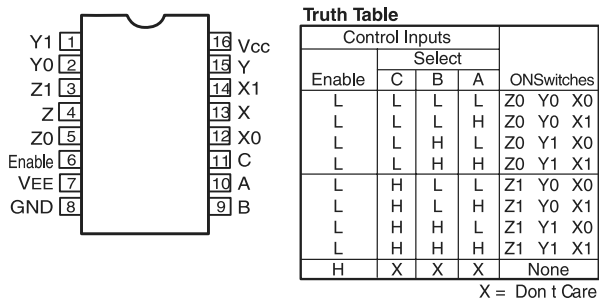
SN65LVDS32PW (AV : IC914)



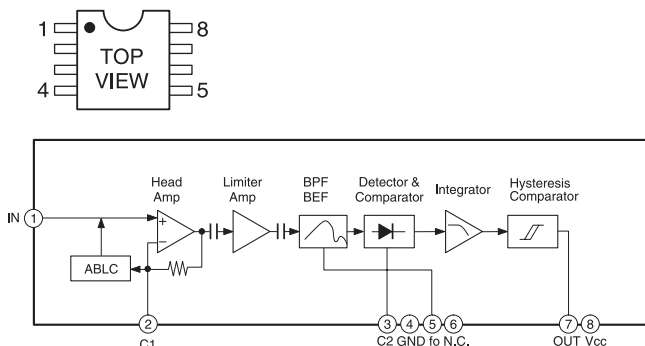
TC74VHCU04F (MA : IC902,903)



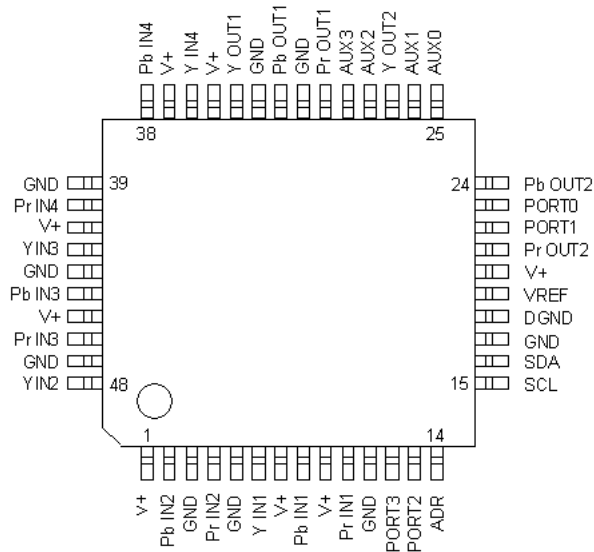
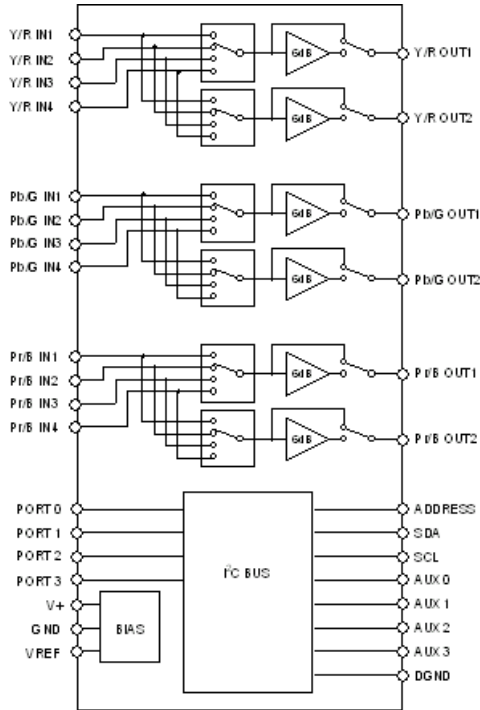
MM74HC4053SJ (AV : IC701)



CXA1511M (FR : IC701)

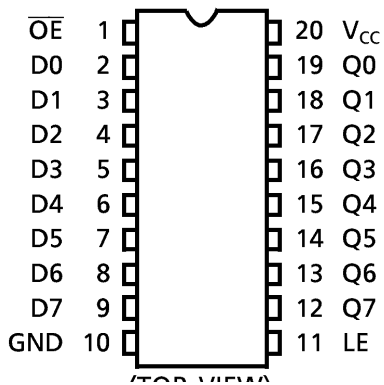


NJW1321FP1 (AV : IC101)

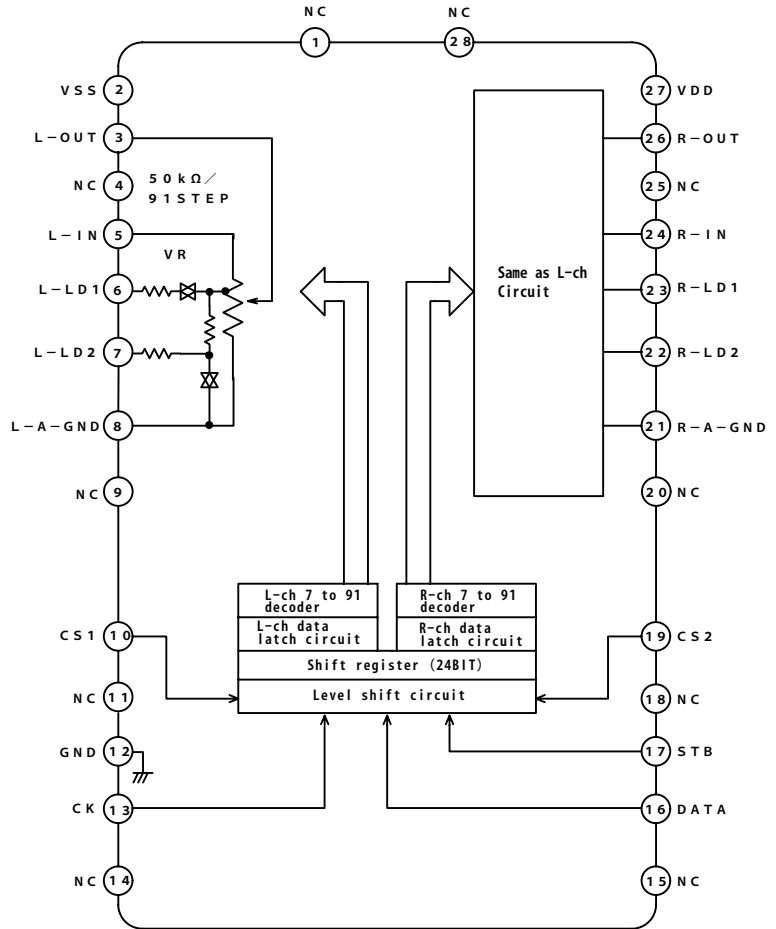
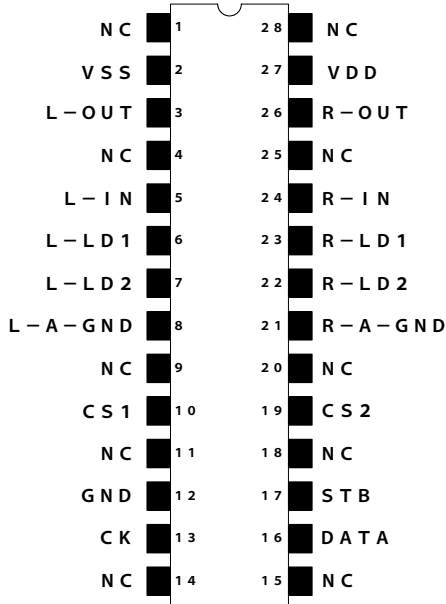


1. V+	13. PORT2	25. AUX0	37. V+
2. Pb IN2	14. ADR	26. AUX1	38. Pb IN4
3. GND	15. SCL	27. Y OUT2	39. GND
4. Pr IN2	16. SDA	28. AUX2	40. Pr IN4
5. GND	17. GND	29. AUX3	41. V+
6. Y IN1	18. DGND	30. Pr OUT1	42. Y IN3
7. V+	19. VREG	31. GND	43. GND
8. Pb IN1	20. V+	32. Pb OUT1	44. Pb IN3
9. V+	21. Pr OUT2	33. GND	45. V+
10. Pr IN1	22. PORT1	34. Y OUT1	46. Pr IN3
11. GND	23. PORT0	35. V+	47. GND
12. PORT3	24. Pb OUT2	36. Y IN4	48. Y IN2

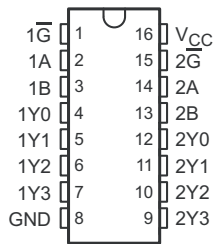
TC74VHC573FT(DI : IC206,207)



TC9459BFG (AV : IC205)



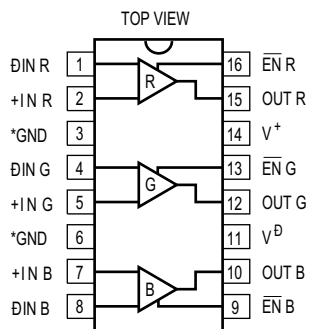
SN74LVC139APWR (DI : IC205)



FUNCTION TABLE
(each decoder/demultiplexer)

1G	INPUTS		OUTPUTS			
	SELECT		Y3	Y2	Y1	Y0
	B	A				
L	L	L	H	H	H	L
L	L	H	H	H	L	H
L	H	L	H	L	H	H
L	H	H	L	H	H	H
H	X	X	H	H	H	H

LT1399CS (DI : IC614)



ADV7320 (DI : IC610)

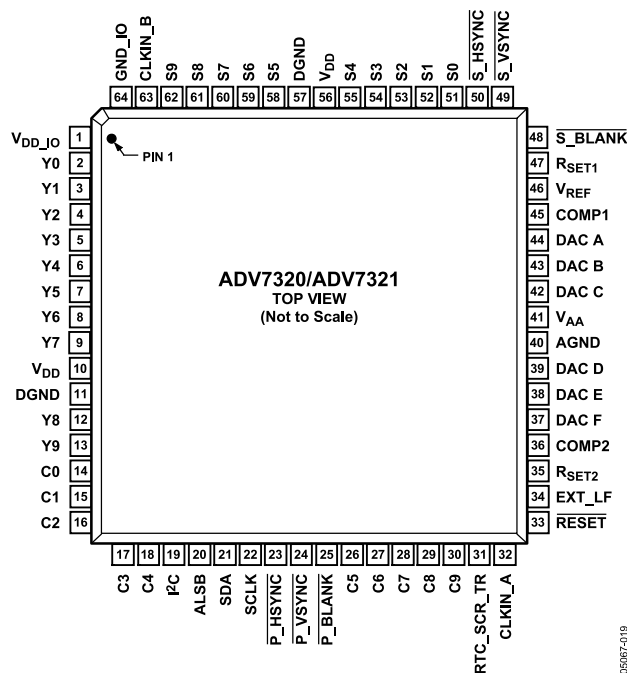
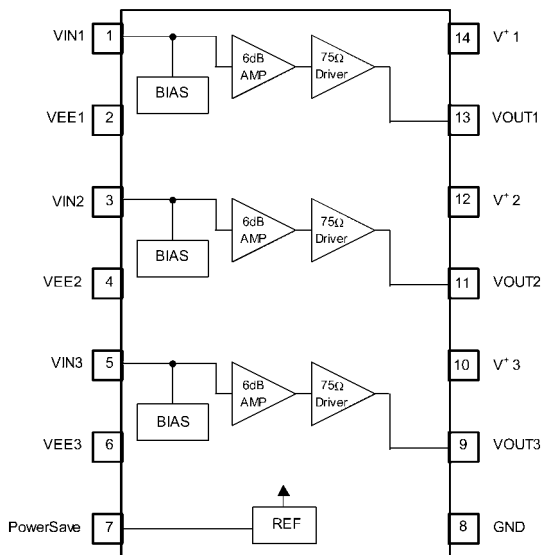


Table 6. Pin Function Descriptions

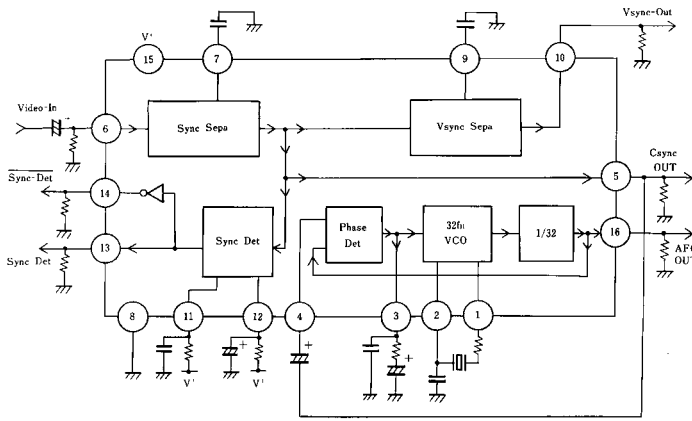
Pin No.	Mnemonic	Input/Output	Description
11, 57	DGND	G	Digital Ground.
40	AGND	G	Analog Ground.
32	CLKIN_A	I	Pixel Clock Input for HD (74.25 MHz Only, PS Only (27 MHz), SD Only (27 MHz).
63	CLKIN_B	I	Pixel Clock Input. Requires a 27 MHz reference clock for progressive scan mode or a 74.25 MHz (74.1758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

Pin No.	Mnemonic	Input/Output	Description
62-58 55-51	S9 to S0	I	SD or Progressive Scan/HDTV Input Port for Cr[Red/V] Data in 4:4:4 Input Mode. LSB is set up on Pin S0. For 8-bit data input, LSB is set up on S2.
33	RESET	I	This input resets the on-chip timing generator and sets the ADV7320/ADV7321 into default register setting. RESET is an active low signal.
47, 35	RSET1, RSET2	I	A 3040 resistor must be connected from this pin to AGND and is used to control the amplitudes of the DAC outputs.
22	SCLK	I	I ² C Port Serial Interface Clock Input.
21	SDA	I/O	I ² C Port Serial Data Input/Output.
20	ALSB	I	TTL Address Input. This signal sets up the LSB of the I ² C address. When this pin is tied low, the I ² C filter is activated, which reduces noise on the I ² C interface.
1	V _{DD_IO}	P	Power Supply for Digital Inputs and Outputs.
10, 56	V _{DD}	P	Digital Power Supply.
41	V _{AA}	P	Analog Power Supply.
46	V _{REF}	I/O	Optional External Voltage Reference Input for DACs or Voltage Reference Output (1.235 V).
34	EXT_LF	I	External Loop Filter for the Internal PLL.
31	RTC_SCR_TR	I	Multifunctional Input. Real-time control (RTC) input, timing reset input, subcarrier reset input.
19	I ² C	I	This input pin must be tied high (V _{DD_IO}) for the ADV7320/ADV7321 to interface over the I ² C port.
64	GND_IO		Digital Input/Output Ground.

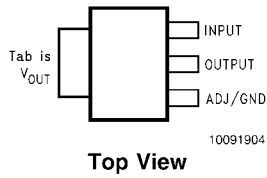
NJM2581M-TE1 (AV : IC102,103)



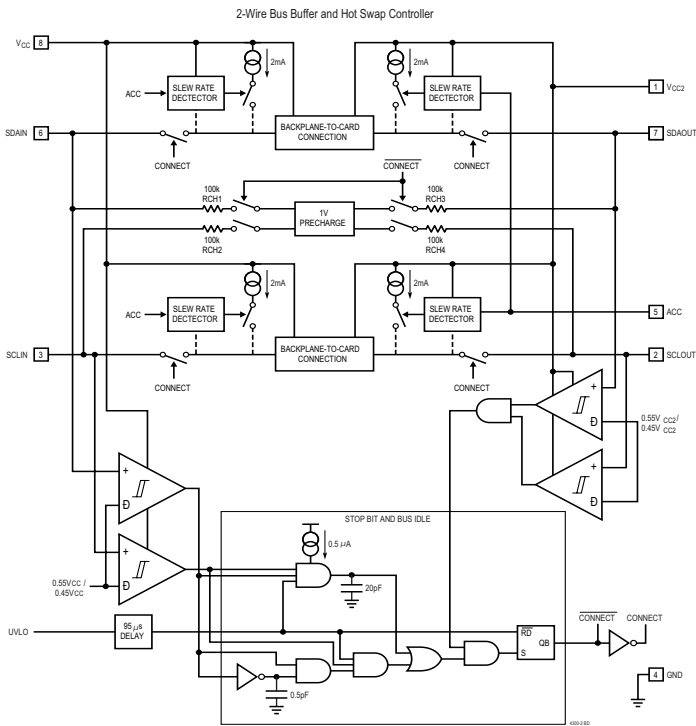
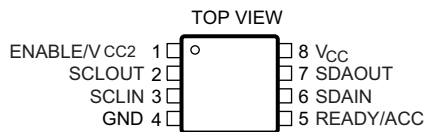
NJM2229M-TE1 (AV : IC702)



LM1117MPX-1.8 (DI : IC402,452)

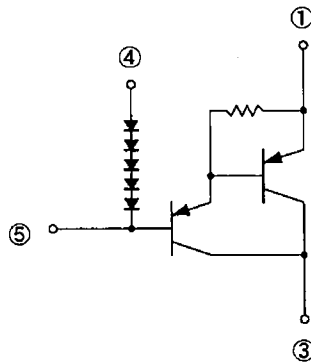
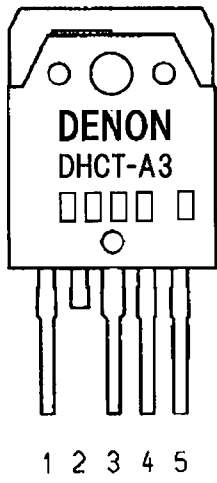


LTC4300-2CMS8 (DI : IC617)

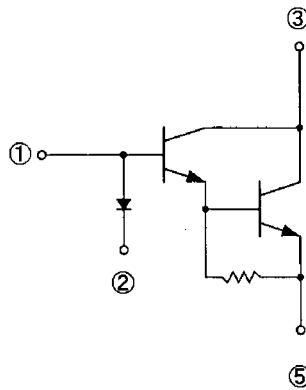
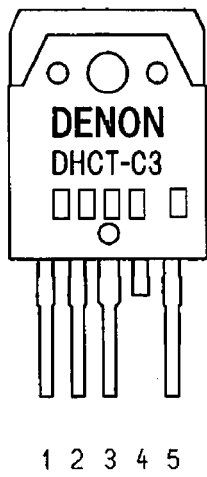


2. TRANSISTOR

DHCT-A3 (MAIN : TR103,104,203,303,304,403,404)

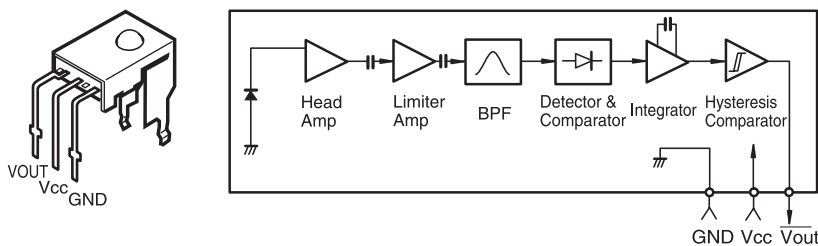


DHCT-C3 (MAIN : TR101,102,201,301,302,401,402)



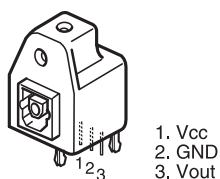
3. OTHERS

GP1UM271XK(Remote Control Sensor) IC101 FRONT P.W.B.

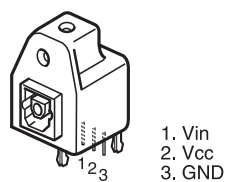


4. OPTICAL

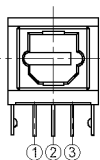
TORX142 IC305-308 DIGITAL P.W.B.



TORX142 IC312 DIGITAL P.W.B. TORX142 IC501,502 FRONT P.W.B.



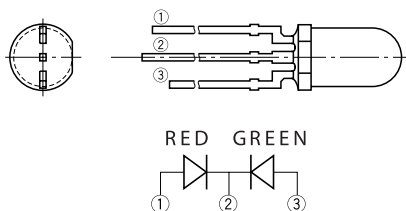
GP1FM313RZ IC804 FRONT P.W.B.



- ① V_{CC}
- ② GND
- ③ V_{OUT}

5. LED

SML1216W(LED) LD121,301 FRONT P.W.B.



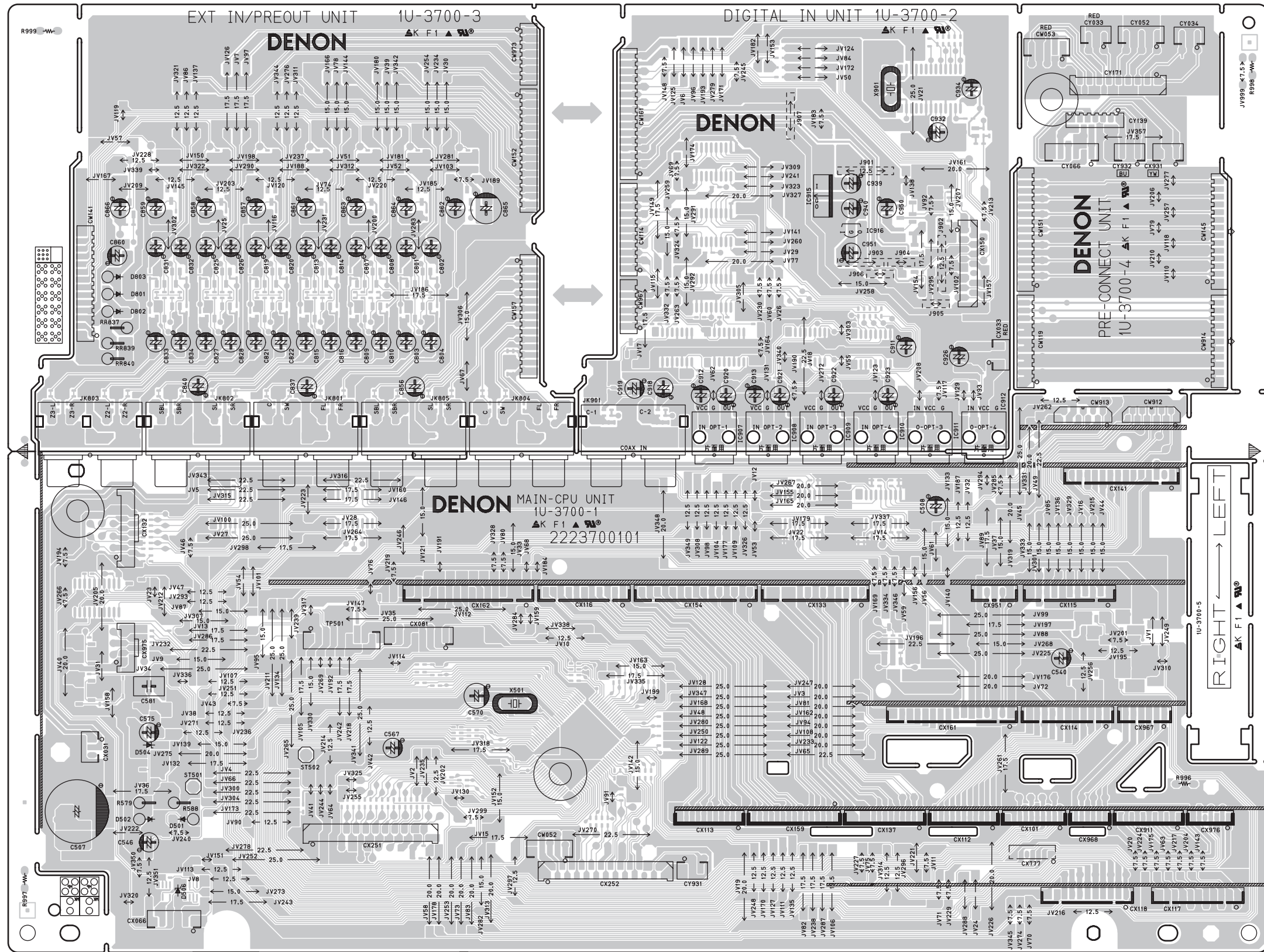
ANODE CONNECTION

	16GA	15GA	14GA	13GA	12GA	11GA	10GA	9GA	8GA	7GA	6GA	5GA	4GA	3GA	2GA	1GA
P1A	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	4g
P2A	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	3a
P3A	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3b
P4A	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	3f
P5A	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	3g
P6A	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	3c
P7A	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	3e
P8A	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3d
P9A	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	2a
P10A	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	2b
P11A	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	2f
P12A	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2g
P13A	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	2c
P14A	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	2e
P15A	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	2d
P16A	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1a
P17A	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	1b
P18A	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	1f
P19A	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	1g
P20A	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	1c
P21A	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1e
P22A	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	1d
P23A	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	Dp
P24A	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	dB
P25A	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	DTS NEO : 6
P26A	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	PRO LOGIC II
P27A	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	SW
P28A	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	SP-
P29A	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	A
P30A	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	B
P31A	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	FL
P32A	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	C
P33A	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	FR
P34A	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	SL
P35A	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	SR
P36A	TUNED	AUTO	-	AUTO	-	PCM	-	DTS	AL24	-	DENON LINK	-	MULTI	-	-	SBL
P37A	STEREO	RDS	-	ANALOG	-	EXT.IN	-	RF	V.OFF	-	IEEE 1394	-	REC	-	-	SB
P38A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SBR

	16GB	15GB	14GB	13GB	12GB	11GB	10GB	9GB	8GB	7GB	6GB	5GB	4GB	3GB	2GB	1GB
P1B	DIGITAL	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
P2B	DTS	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1
P3B	AAC	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1	3-1
P4B	DSD	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1	4-1
P5B	PCM	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1	5-1
P6B	DIG.	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2
P7B	HDCD	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2
P8B	ANALOG	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2	3-2
P9B	LFE	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2	4-2
P10B	FL	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2	5-2
P11B	C	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
P12B	FR	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3
P13B	SL	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3	3-3
P14B	S	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3	4-3
P15B	SR	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3	5-3
P16B	-	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4
P17B	-	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4
P18B	-	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
P19B	-	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4	4-4
P20B	-	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4	5-4
P21B	-	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
P22B	-	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5
P23B	-	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5
P24B	-	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
P25B	-	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5	5-5
P26B	-	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6
P27B	-	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6
P28B	-	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6
P29B	-	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6
P30B	-	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6
P31B	-	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7
P32B	-	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7
P33B	-	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7	3-7
P34B	-	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7
P35B	-	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7	5-7
P36B	SBL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P37B	SB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P38B	SBR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

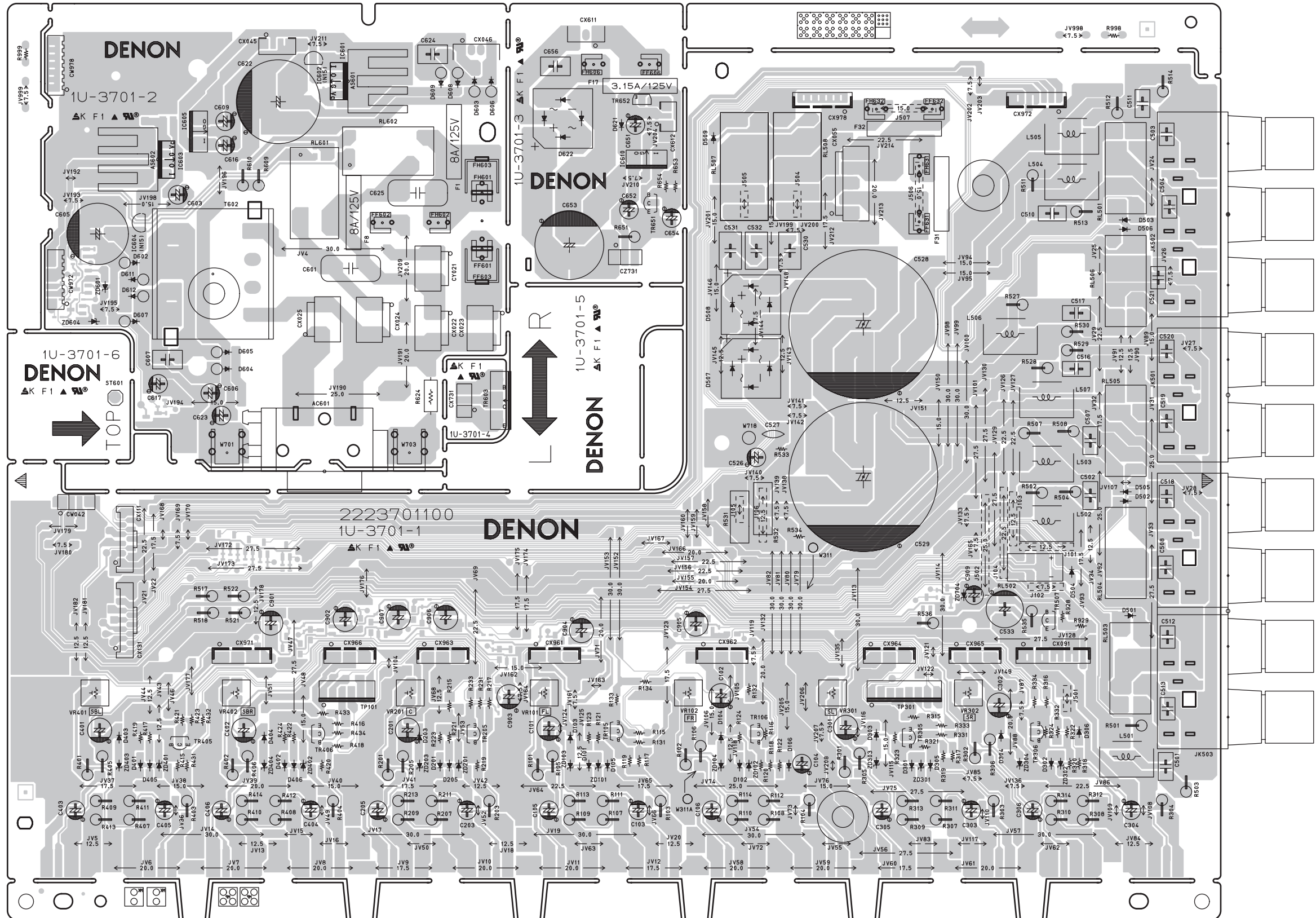
PRINTED WIRING BOARDS

MAIN CPU UNIT (1/2)



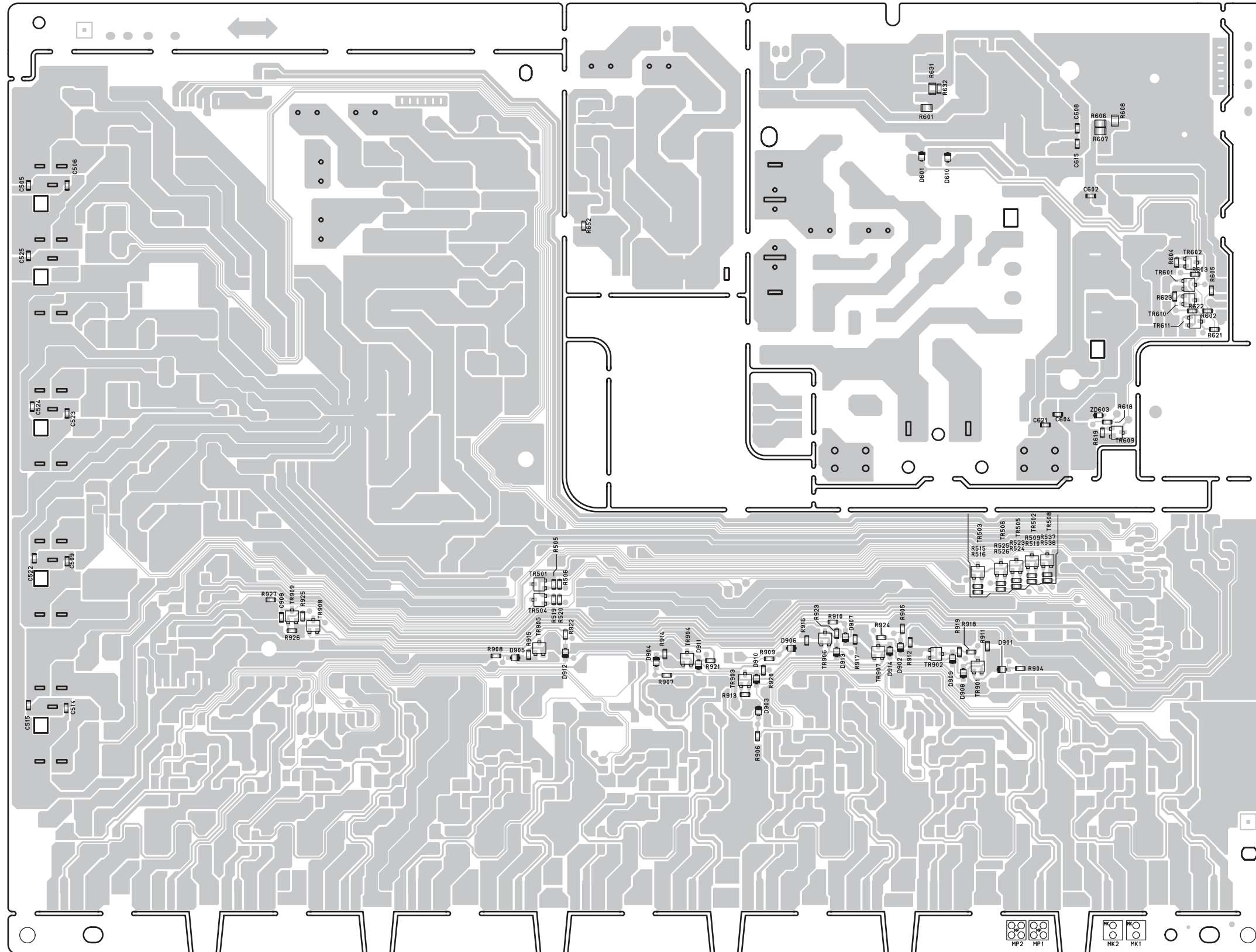
COMPONENT SIDE

POWER AMP UNIT (1/2)



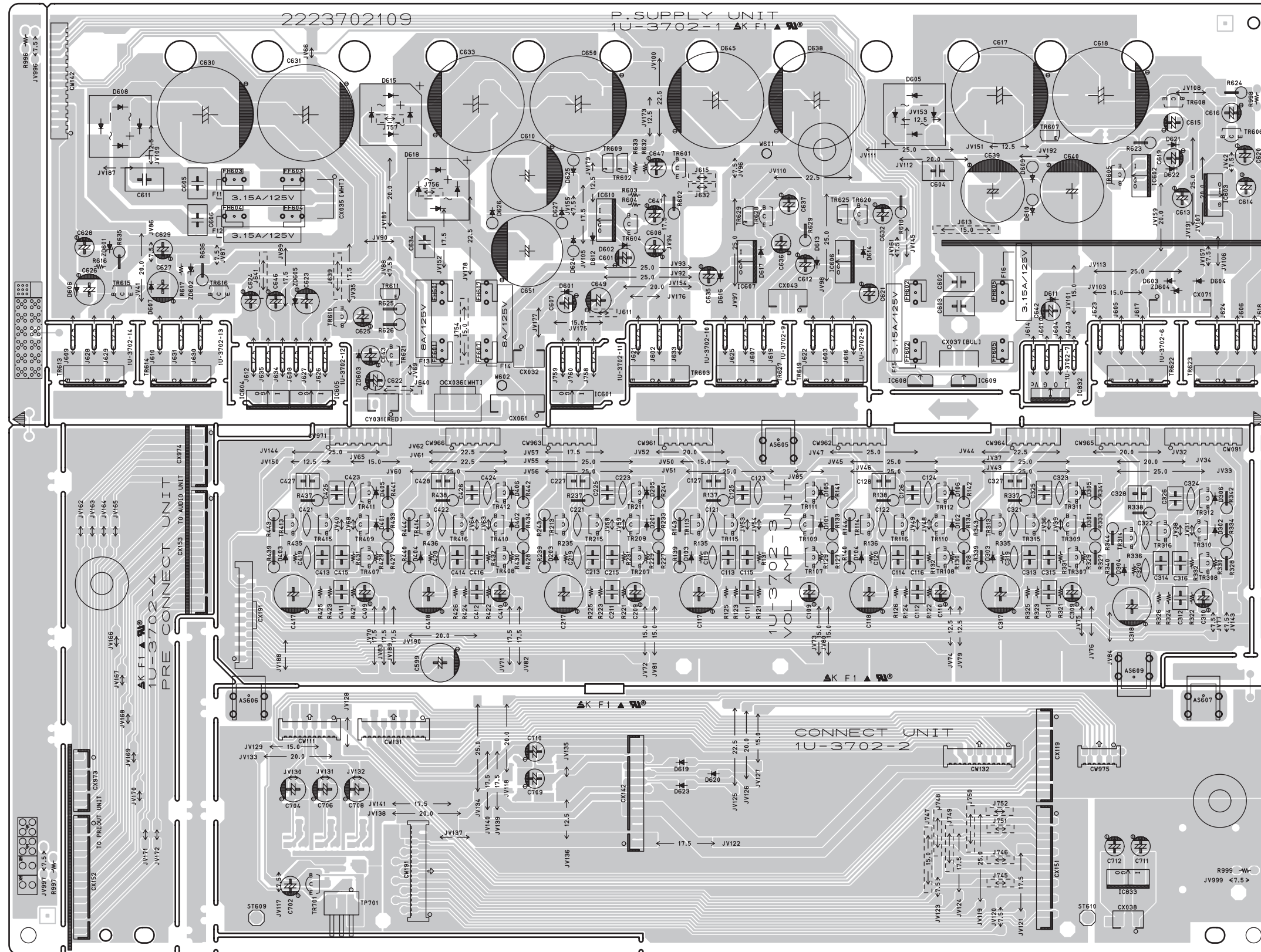
COMPONENT SIDE

POWER AMP UNIT (2/2)

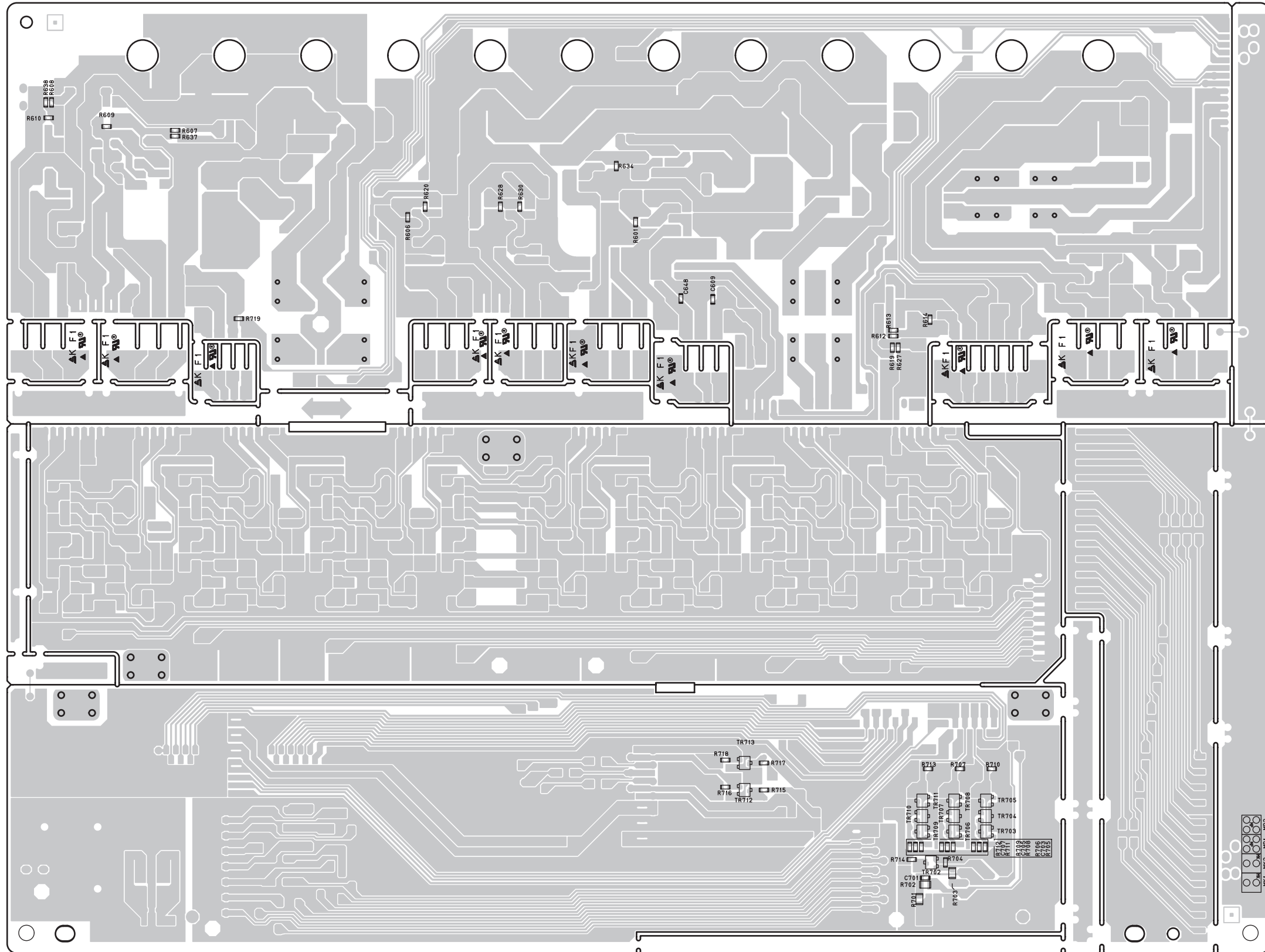


FOIL SIDE

POWER SUPPLY UNIT (1/2)

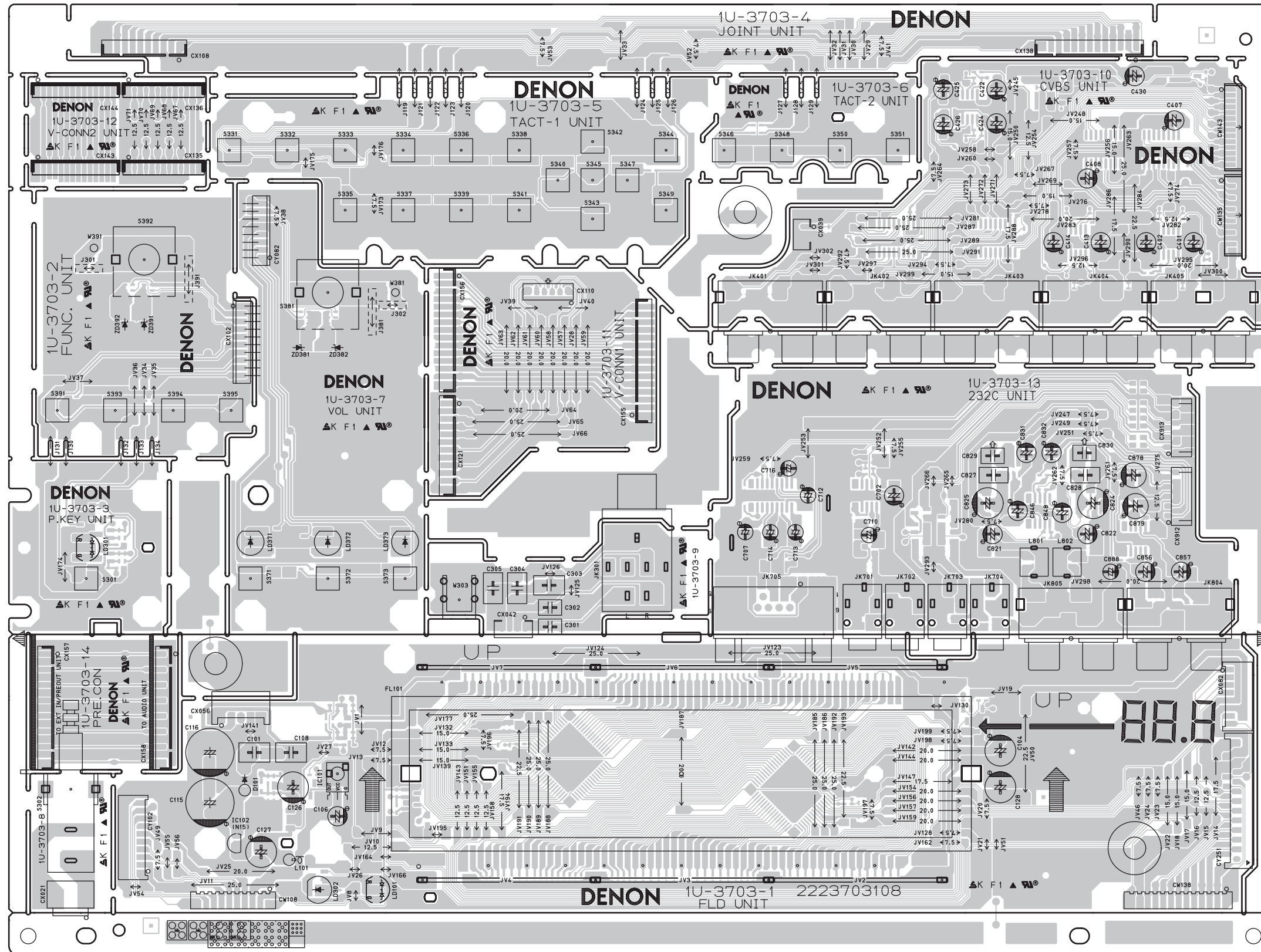


POWER SUPPLY UNIT (2/2)



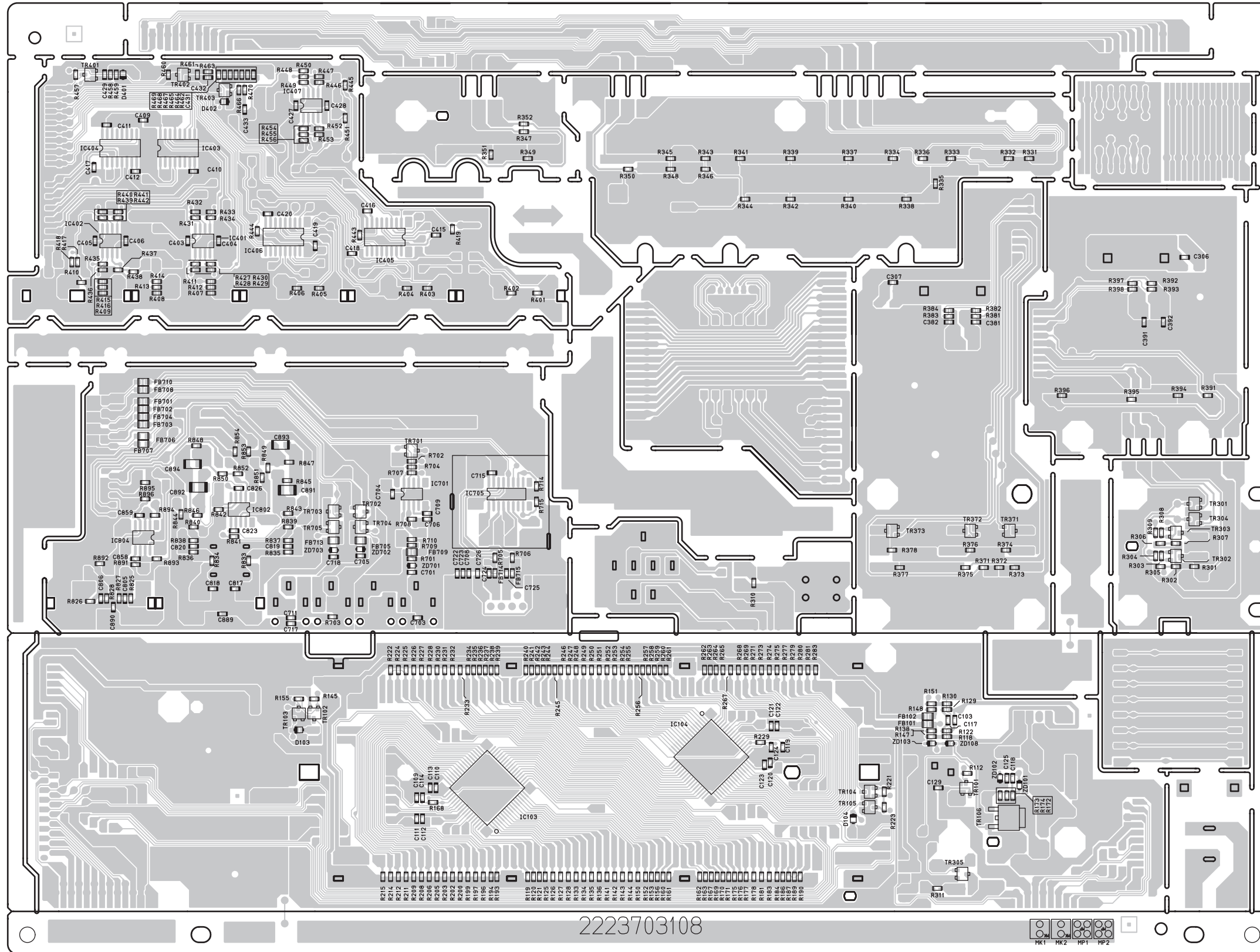
FOIL SIDE

FRONT UNIT (1/2)

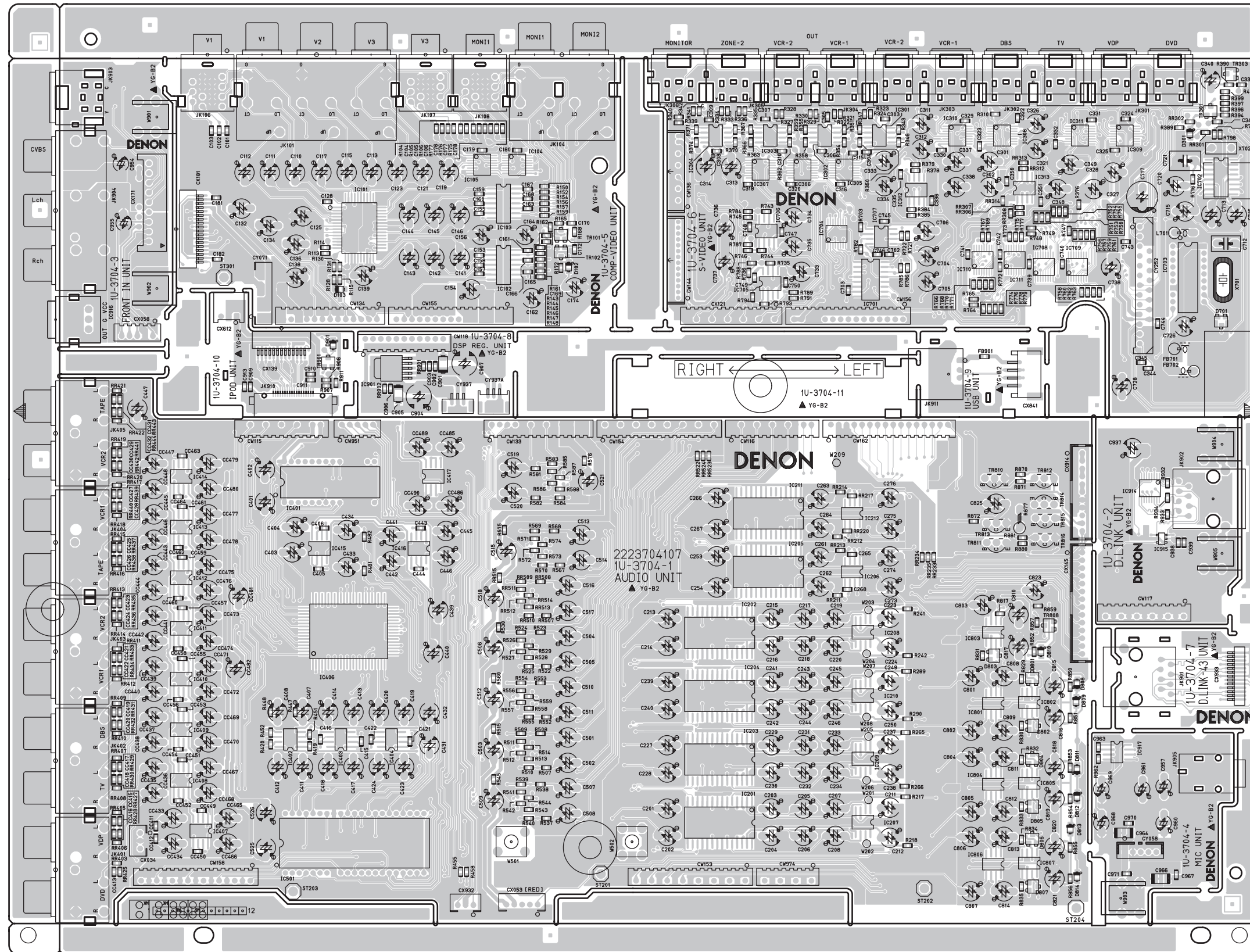


COMPONENT SIDE

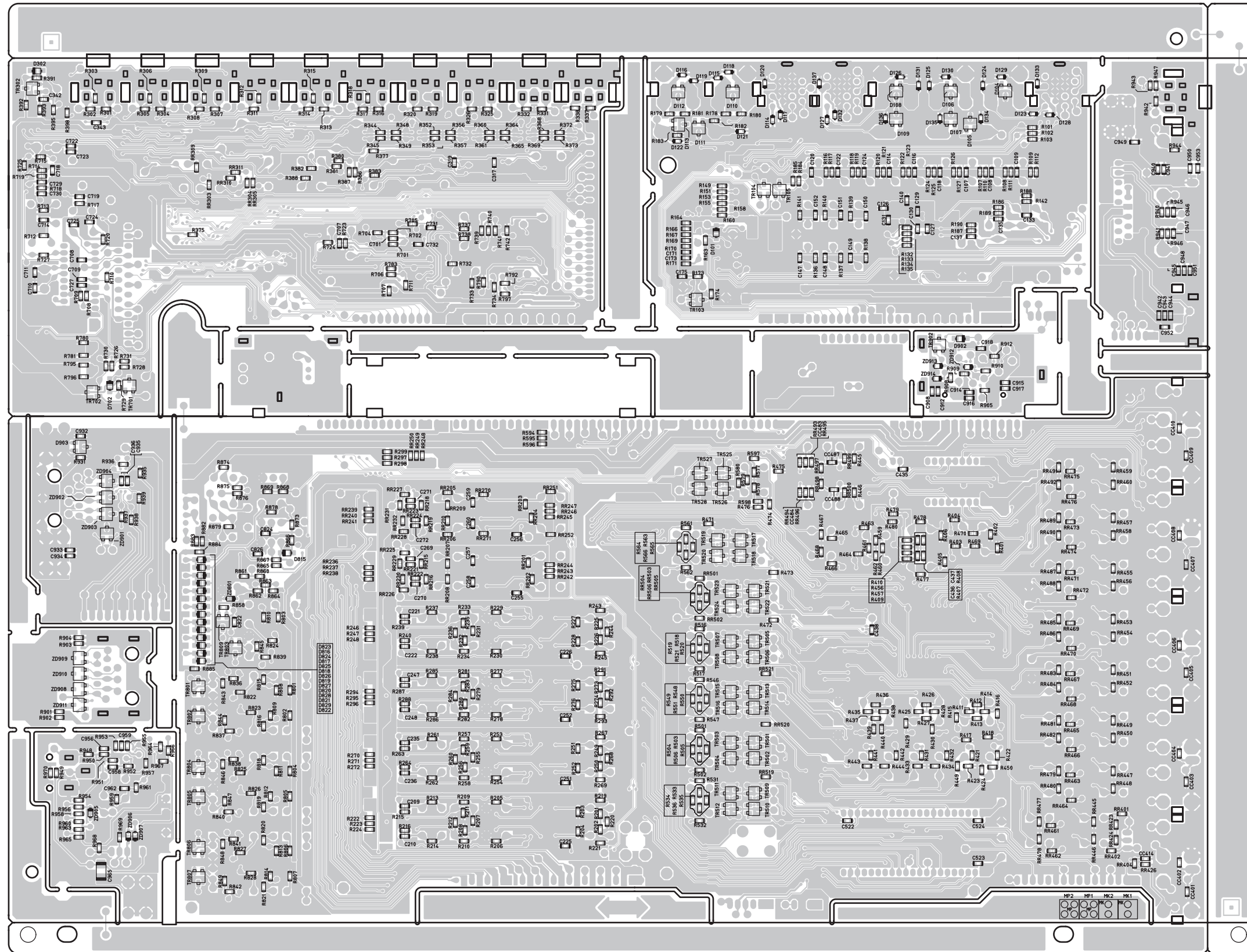
FRONT UNIT (2/2)



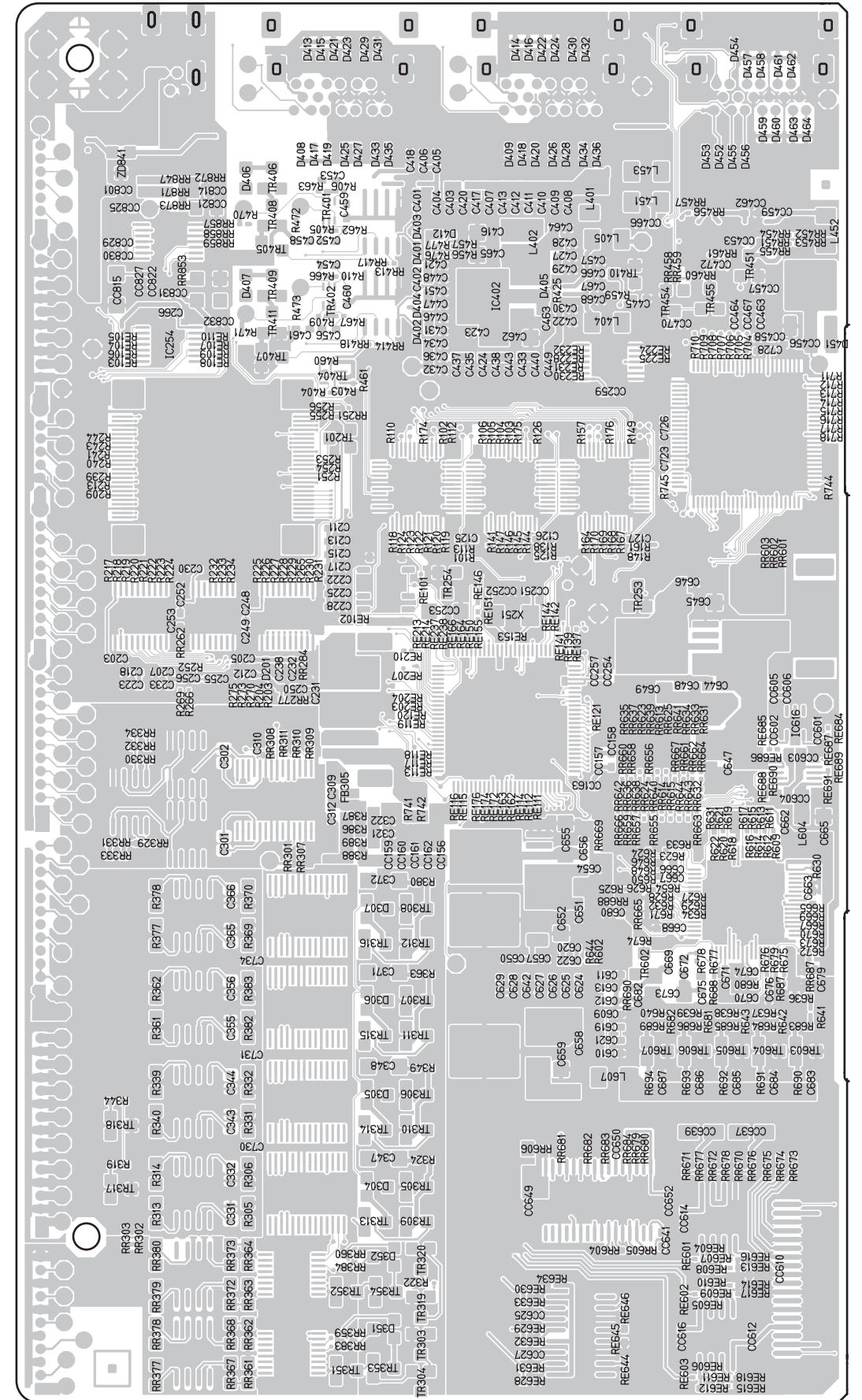
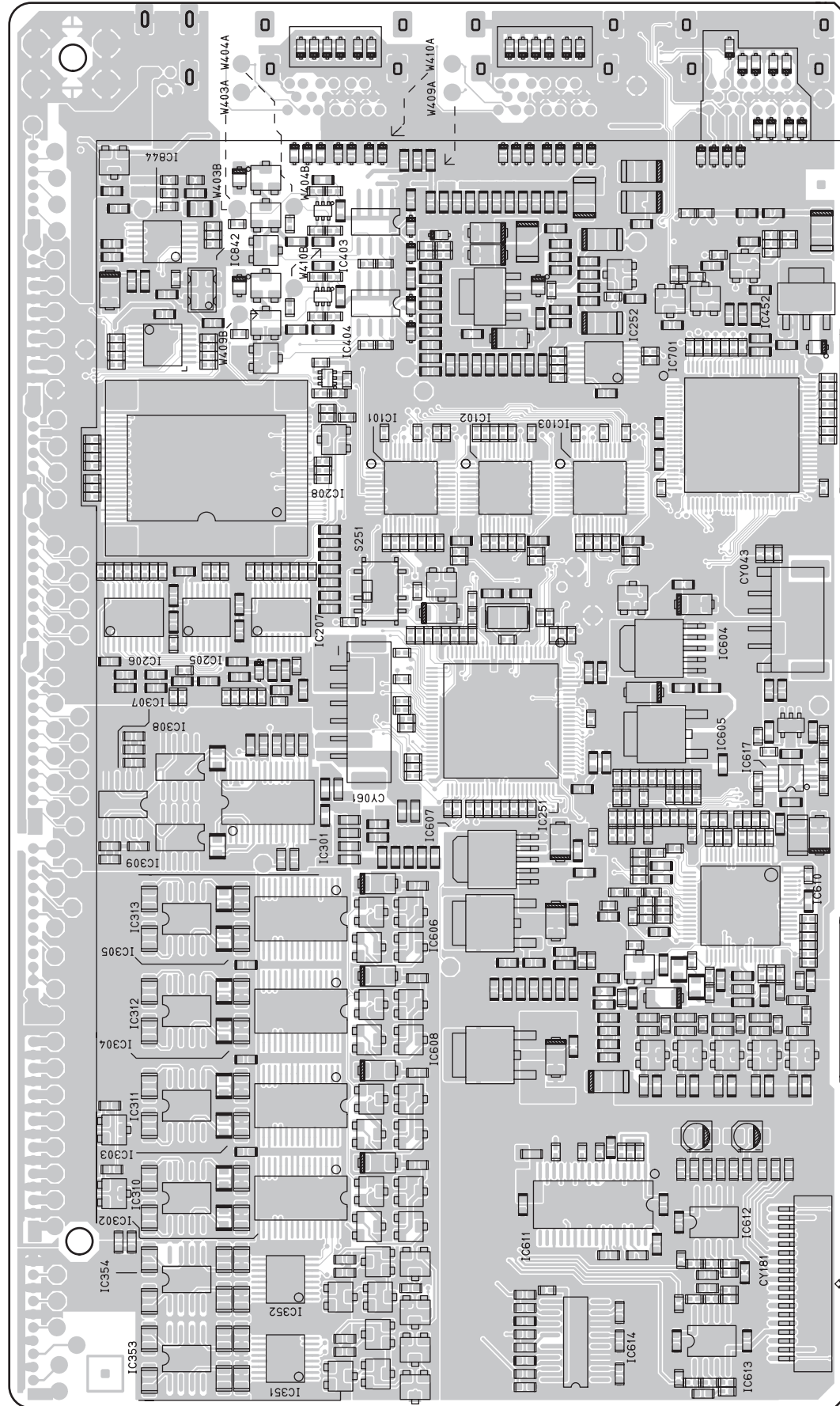
AUDIO / VIDEO UNIT (1/2)



AUDIO / VIDEO UNIT (2/2)



DIGITAL UNIT (2/2)



FOIL SIDE

NOTE FOR PARTS LIST

- Part indicated with the mark "nsp" 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 Resistor ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- Not including Carbon Chip Resistor 1/16W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:

Parts marked with this symbol \triangle have critical characteristics. Use ONLY replacement parts recommended by the manufacturer.

● **Resistors**

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

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

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

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

● **Capacitors**

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

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

部品表について

- nsp 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。
- \triangle 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。

● **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

1 8 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。

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

● **コンデンサ**

例) CE 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% -20% P : +100% -0%	C : ±0.25pF D : ±0.5pF = : その他	HS : 高安定形 BP : 無極性形 HR : 耐リップル形 DL : 充放電対策用 HF : 高周波保証用 U : UL 部品 C : CSA 部品 W : UL-CSA 部品 F : リード線成形
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* 容量値

● 電解コンデンサの場合

2 2 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

2 R 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

2 2 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

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

● 耐圧を交流で表示する場合は、耐圧表示の次に「AC」を表示します。

PARTS LIST OF P.W.B. UNIT

*本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。

* The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

* "nsp" 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、供給をお断りする場合があります。

* Part indicated with the mark "nsp" 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.

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

BKEU : U.S.A. model(Black)

SREU : U.S.A. model (Silver)

BKEC : Canada model(Black)

SREC : Canada model (Silver)

1U-3700 MAIN CPU P.W.B. UNIT ASS'Y

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
IC501,502		00D 262 2375 904	TC4094BF(TP1) +C			
IC504		00D 262 2375 904	TC4094BF(TP1) +C			
IC506		00D GEN 8013	MAIN CPU SUB ASS'Y	M30626****		
IC508		00D 262 2375 904	TC4094BF(TP1) +C			
IC902,903		00D 262 3564 905	TC74VHCU04F			
IC904		00D 262 3561 908	TC74VHC14F			
IC905,906		00D 262 2213 901	TC74HC151AF +C			
IC907-910		00D 262 3387 001	TORX142(F)			
IC911,912		00D 262 3386 002	TOTX142(F)			
IC913		00D 262 3561 908	TC74VHC14F			
IC915		00D 263 1100 021	KIA7812API			
TR107		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR108,109		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
TR110		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR501		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR502		00D 271 0326 904	2SA1954(B)-TE85L			
TR503,504		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR505		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR507		00D 269 0191 903	KRA104S-RTK(47K-47K) +C			
TR508		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR509		00D 271 0326 904	2SA1954(B)-TE85L			
TR510		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR513		00D 271 0326 904	2SA1954(B)-TE85L			
TR517		00D 271 0326 904	2SA1954(B)-TE85L			
TR518		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR519		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR520		00D 269 0191 903	KRA104S-RTK(47K-47K) +C			
TR521		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR523		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR524		00D 273 0464 901	KTC3875SGR-RTK +C			
TR801-824		00D 273 0460 905	KTC2875B-RTK +C			
TR825-832		00D 269 0184 907	KRA102S-RTK +C			
TR902,903		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR904		00D 269 0086 908	DTA114TKT96 +C			
TR905,906		00D 269 0066 902	DTC323TKT96 +C			
D501,502		00D 276 0704 903	1SR35-400A(T93X)			
D503		00D 276 0794 900	KDS160 +2125			
D504		00D 276 0454 910	HZS3C-2TD			
D505		00D 276 0794 900	KDS160 +2125			
D801-803		00D 276 0704 903	1SR35-400A(T93X)			
D804		00D 276 0683 901	UDZS5.6B-TE17 +C			
D901,902		00D 276 0738 908	KDS226-RTK(A-K) +C			
X501		00D 399 1041 007	X-TAL(12MHZ)			
RESISTORS GROUP						
R579		00D 241 2387 908	RD14B2E010JNBST			
R588		00D 241 2387 908	RD14B2E010JNBST			
RR837		00D 244 2055 996	RS14B3A122JNBST(S)			
RR839,840		00D 244 2055 996	RS14B3A122JNBST(S)			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
CAPACITORS GROUP						
C501	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C502,503	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C504	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C505	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C507		00D 254 4666 005	CE04W0H105ZC(FG)			
C508		00D 254 4573 981	CE04W1H100MT(RE3)			
C509,510	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C540		00D 254 4574 906	CE04W1H330MT(RE3)			
C545	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C546		00D 254 4533 934	CE04W0J221MT SMG/RE3			
C547,548	nsp	00D 257 0503 941	CC73CH1H120JT +1608			
C551	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C555	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C564	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C567		00D 254 4574 906	CE04W1H330MT(RE3)			
C570		00D 254 4569 924	CE04W1E101MT(RE3)			
C571	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C574	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C575		00D 254 4573 978	CE04W1H4R7MT(RE3)			
C581		00D 255 1279 951	CQ93M1H104JT(B)			
C801-804		00D 254 4573 994	CE04W1H220MT(RE3)			
C807-810		00D 254 4573 994	CE04W1H220MT(RE3)			
C813-816		00D 254 4573 994	CE04W1H220MT(RE3)			
C819-822		00D 254 4573 994	CE04W1H220MT(RE3)			
C825-828		00D 254 4573 994	CE04W1H220MT(RE3)			
C831-834		00D 254 4573 994	CE04W1H220MT(RE3)			
C837		00D 254 4573 949	CE04W1H010MT(RE3)			
C838,839	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C840		00D 254 4573 949	CE04W1H010MT(RE3)			
C841-843	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C844-851	nsp	00D 257 0507 976	CC73CH1H331JT +1608			
C852-855	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C856		00D 254 4573 949	CE04W1H010MT(RE3)			
C857-859		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C860		00D 254 4573 981	CE04W1H100MT(RE3)			
C861-864		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C865		00D 254 4574 922	CE04W1H101MT(RE3)			
C866		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C901,902		00D 247 2018 903	RM73B--0R0KT +1608			
C906-910	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C911-913		00D 254 4574 906	CE04W1H330MT(RE3)			
C914-917	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C918-923		00D 254 4573 978	CE04W1H4R7MT(RE3)			
C924,925	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C926		00D 254 4573 978	CE04W1H4R7MT(RE3)			
C929-931	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C939,940		00D 254 4573 949	CE04W1H010MT(RE3)			
C942	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C944,945	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C947-949	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C950		00D 254 4573 981	CE04W1H100MT(RE3)			
C952,953	nsp	00D 257 0509 929	CK73B1H102KT +1608			
OTHERS PARTS GROUP						
CW052	nsp	00D 205 0343 058	5P CONN.BASE(KR-PH)			
CW053	nsp	00D 205 0321 054	5P CONNE.BASE (RED)			
CW114	nsp	00D 205 0885 066	11P CON.SOCKET TUC-P			
CW119	nsp	00D 205 0885 066	11P CON.SOCKET TUC-P			
CW141	nsp	00D 205 0885 011	14P CON.SOCKET TUC-P			
CW145	nsp	00D 205 1229 029	14P FJ CONN.PLUG			
CW151,152	nsp	00D 205 0885 040	15P CON.SOCKET TUC-P			
CW157	nsp	00D 205 0885 040	15P CON.SOCKET TUC-P			
CW161	nsp	00D 205 0942 051	16P CON.SOCKET TUC-P			
CW912,913	nsp	00D 205 1249 038	11P JE CON.BASE			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
CW914	nsp	00D 205 1229 016	11P FJ CONN.PLUG			
CW967	nsp	00D 205 0942 019	6P CON.SOCKET(TUC-P			
CW973	nsp	00D 205 0942 022	7P CON.SOCKET(TUC-P			
CX031	nsp	00D 205 0321 038	3P CONNE.BASE(RED)			
CX033	nsp	00D 205 0321 038	3P CONNE.BASE(RED)			
CX081	nsp	00D 205 0343 087	8P CONN.BASE(KR-PH)			
CX101	nsp	00D 205 1324 005	10P PIN HEADER(9120)			
CX112,113	nsp	00D 205 1324 018	11P PIN HEADER(9120)			
CX114-118	nsp	00D 205 0884 067	11P CON.BASE TUC-P			
CX132	nsp	00D 205 1091 037	13P CON BASE TWG-P			
CX133	nsp	00D 205 0943 005	13P CON.BASE(TUC-P)			
CX137	nsp	00D 205 1324 034	13P PIN HEADER(9120)			
CX141	nsp	00D 205 0884 012	14P CON.BASE TUC-P			
CX150	nsp	00D 205 0736 076	15P FFC CON.BASE			
CX154	nsp	00D 205 0884 041	15P CON.BASE TUC-P			
CX159	nsp	00D 205 1324 050	15P PIN HEADER(9120)			
CX161,162	nsp	00D 205 0943 050	16P CON.BASE TUC-P			
CX251,252	nsp	00D 205 0736 089	25P FFC CON.BASE			
CX911	nsp	00D 205 1324 018	11P PIN HEADER(9120)			
CX951	nsp	00D 205 0884 009	5P CON.BASE TUC-P			
CX967	nsp	00D 205 0943 018	6P CON.BASE(TUC-P)			
CX968	nsp	00D 205 1323 064	6P PIN HEADER(9120)			
CX975	nsp	00D 205 1091 011	7P CON BASE TWG-P			
CX976	nsp	00D 205 1323 077	7P PIN HEADER(9120)			
CY033	nsp	00D 205 0321 038	3P CONNE.BASE(RED)			
CY034	nsp	00D 205 0406 034	3P CON BASE(KR-PH)			
CY052	nsp	00D 205 0343 058	5P CONN.BASE(KR-PH)			
CY171	nsp	00D 205 0736 047	17P FFC CON.BASE			
JK801-805		00D 204 8723 004	4P PIN JACK(NI)			
JK901		00D 204 8658 001	2P PIN JACK(C-TYPE)			

1U-3701 POWER AMP P.W.B. UNIT ASS'Y

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP							
△	IC603 IC604		00D 263 1035 002 00D 268 0073 905	PQ30RV11 ICP-N15T			
	TR105,106 TR205 TR305,306 TR405,406 TR501-506		00D 273 0458 904 00D 273 0458 904 00D 273 0458 904 00D 273 0458 904 00D 273 0464 901	2SC/KTC3200BL-AT 2SC/KTC3200BL-AT 2SC/KTC3200BL-AT 2SC/KTC3200BL-AT KTC3875SGR-RTK +C			
	TR507 TR601 TR602 TR609		00D 271 0301 903 00D 269 0192 902 00D 273 0464 901 00D 273 0464 901	2SA/KTA1268BL-AT KRC102S-RTK(10K-10K) +C KTC3875SGR-RTK +C KTC3875SGR-RTK +C			
	D101-106 D201 D203 D205 D301-306		00D 276 0432 903 00D 276 0432 903 00D 276 0432 903 00D 276 0432 903 00D 276 0432 903	1SS270A TE (TAPE) 1SS270A TE (TAPE) 1SS270A TE (TAPE) 1SS270A TE (TAPE) 1SS270A TE (TAPE)			
	D401-406 D501-506 D507,508 D601 D602		00D 276 0432 903 00D 276 0432 903 00D 276 0338 007 00D 276 0794 900 00D 276 0704 903	1SS270A TE (TAPE) 1SS270A TE (TAPE) S4VB20F KDS160 +2125 1SR35-400A(T93X)			
	D604,605 D607 D611,612 ZD101-104		00D 276 0704 903 00D 276 0704 903 00D 276 0704 903 00D 276 0461 903	1SR35-400A(T93X) 1SR35-400A(T93X) 1SR35-400A(T93X) HZS6A-1TD			
	ZD201 ZD203 ZD301-304 ZD401-404 ZD601		00D 276 0461 903 00D 276 0461 903 00D 276 0461 903 00D 276 0461 903 00D 276 0645 907	HZS6A-1TD HZS6A-1TD HZS6A-1TD HZS6A-1TD MTZJ18A T77			
	ZD603		00D 276 0798 919	UDZS6.8B-TE17			
RESISTORS GROUP							
	R103-106		00D 241 2378 920	RD14B2E221JNBST			
	R107-114 R203 R205 R207 R209		00D 244 2671 956 00D 241 2378 920 00D 241 2378 920 00D 244 2671 956 00D 244 2671 956	RS14B3DR47JNBST(S) RD14B2E221JNBST RD14B2E221JNBST RS14B3DR47JNBST(S) RS14B3DR47JNBST(S)			
	R211 R213 R303-306 R307-314 R403-406		00D 244 2671 956 00D 244 2671 956 00D 241 2378 920 00D 244 2671 956 00D 241 2378 920	RS14B3DR47JNBST(S) RS14B3DR47JNBST(S) RD14B2E221JNBST RS14B3DR47JNBST(S) RD14B2E221JNBST			
	R407-414 R501,502 R503,504 R507 R508		00D 244 2671 956 00D 244 2682 945 00D 244 2671 901 00D 244 2682 945 00D 244 2671 901	RS14B3DR47JNBST(S) RS14B3D2R2JNBST(S) RS14B3D100JNBST(S) RS14B3D2R2JNBST(S) RS14B3D100JNBST(S)			
	R511,512 R513,514 R517,518 R521,522 R527,528		00D 244 2682 945 00D 244 2671 901 00D 244 2052 960 00D 244 2052 960 00D 244 2682 945	RS14B3D2R2JNBST(S) RS14B3D100JNBST(S) RS14B3A221JNBST(S) RS14B3A221JNBST(S) RS14B3D2R2JNBST(S)			
	R529,530 R531,532 R535 R536		00D 244 2671 901 00D 243 2039 032 00D 244 2051 961 00D 241 2387 940	RS14B3D100JNBST(S) RW99=3H0R1K RS14B3A101JNBST(S) RD14B2E4R7JNBST			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
R606		00D 247 0049 990	RM73B--513DT			
R607		00D 247 0051 904	RM73B--154DT			
R608		00D 247 0048 920	RM73B--103DT			
R610		00D 244 2050 933	RS14B3A181JNBST(S)			
R624		00D 242 2009 001	RC05GF2H225K(UL)			
VR101,102		00D 211 6131 939	V06PB331T			
VR201		00D 211 6131 939	V06PB331T			
VR301,302		00D 211 6131 939	V06PB331T			
VR401,402		00D 211 6131 939	V06PB331T			
CAPACITORS GROUP						
C101,102		00D 254 4586 949	CE04W2A100MT(RE3)			
C103-106		00D 254 4586 936	CE04W2A4R7MT(RE3)			
C201		00D 254 4586 949	CE04W2A100MT(RE3)			
C203		00D 254 4586 936	CE04W2A4R7MT(RE3)			
C205		00D 254 4586 936	CE04W2A4R7MT(RE3)			
C301,302		00D 254 4586 949	CE04W2A100MT(RE3)			
C303-306		00D 254 4586 936	CE04W2A4R7MT(RE3)			
C401,402		00D 254 4586 949	CE04W2A100MT(RE3)			
C403-406		00D 254 4586 936	CE04W2A4R7MT(RE3)			
C501,502		00D 255 1279 919	CQ93M1H473JT(B)			
C503,504		00D 255 1264 982	CQ93M1H472JT(B)			
C505,506	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C507		00D 255 1279 919	CQ93M1H473JT(B)			
C508		00D 255 1264 982	CQ93M1H472JT(B)			
C509	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C510,511		00D 255 1279 919	CQ93M1H473JT(B)			
C512,513		00D 255 1264 982	CQ93M1H472JT(B)			
C514,515	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C516,517		00D 255 1279 919	CQ93M1H473JT(B)			
C518-521		00D 255 1264 982	CQ93M1H472JT(B)			
C522-525	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C526		00D 254 4573 949	CE04W1H010MT(RE3)			
C528,529		00D 254 6257 001	CE68W==153M(DL)			
C530-532		00D 256 1064 907	CF93A2E334KT(B)L=16			
C533		00D 254 4587 715	CE04W2A101MC(RE3)			
C603		00D 254 4573 981	CE04W1H100MT(RE3)			
C605		00D 254 4760 736	CE04W1E682MC(SMQ)			
C606		00D 254 4573 949	CE04W1H010MT(RE3)			
C607		00D 255 1279 951	CQ93M1H104JT(B)			
C617		00D 254 4573 949	CE04W1H010MT(RE3)			
C625		00D 253 8022 707	CK45F2EAC103MC			
OTHERS PARTS GROUP						
⚠ AC601		00D 203 3976 002	AC OUTLET(2P)			
CW042	nsp	00D 203 6633 009	4P KR-DA CON.CORD			
CW972	nsp	00D 205 0942 022	7P CON.SOCKET			
CW978	nsp	00D 205 0942 022	7P CON.SOCKET			
CX022	nsp	00D 205 0768 002	2P VH CON.BASE (BLK)			
CX023	nsp	00D 205 0581 001	2P VH CONNECTOR BASE			
CX055	nsp	00D 205 0653 052	5P VH CONNECTOR BASE			
CX091	nsp	00D 205 0884 038	9P CON.BASE TUC-P			
CX111	nsp	00D 205 1091 024	11P CON BASE TWG-P			
CX131	nsp	00D 205 1091 037	13P CON BASE TWG-P			
CX961-966	nsp	00D 205 0943 018	6P CON.BASE(TUC-P)			
CX971,972	nsp	00D 205 0943 021	7P CON.BASE(TUC-P)			
CX978	nsp	00D 205 0943 021	7P CON.BASE(TUC-P)			
CY021	nsp	00D 205 0581 069	2P VH-VH CON BASE			
⚠ F001		00D 206 1086 003	FUSE 8A (UL/CSA/J)			
⚠ F008		00D 206 1046 014	FUSE 8A			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
FF602 FF603 FH602	nsp nsp nsp	00D 202 0040 909 00D EP- 5870 00D 202 0040 909	FUSE CLIP(TAPE) FUSE HOLDER FUSE CLIP(TAPE)			
FH603 JK501 JK502 JK503	nsp 	00D EP- 5870 00D 205 1252 009 00D 205 1251 000 00D 205 1250 001	FUSE HOLDER 4P SP TERMINAL(V0) 6P SP TERMINAL(V0) 8P SP TERMINAL(V0)			
L501-507 RL501 RL502	nsp 	00D 235 0191 007 00D 214 0217 007 00D 214 0223 004	INDUCTOR(1MH) RELAY(DS24D2) RELAY(EC2-24N35)			
⚠ RL503-506 RL602 ST601	 	00D 214 0217 007 00D 214 0221 006 -	RELAY(DS24D2) RELAY TV-8 STYLE PIN			
⚠ T602 TP101 TP301	 nsp nsp	00D 233 6524 009 00D 205 0190 065 00D 205 0190 081	MINI TRANS(3806E3) 6P NH CONNECTOR BASE 8P NH CONNECTOR BASE			
W311 W701 W703	nsp nsp nsp	- 00D 205 1034 007 00D 205 1034 007	1P WIRE M3 SCREW TERMINAL M3 SCREW TERMINAL			
	nsp	- 00D 477 0153 018	RADIATOR 3X16 CPTS(B) SW W	FOR D507,508 FOR D507,508		

1U-3702 P. SUPPLY P.W.B. UNIT ASS'Y

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
IC601		00D 263 1048 002	BA033T			
IC602		00D 263 1092 003	BA05T			
IC603		00D 263 0554 005	NJM7905FA			
IC604		00D 263 1100 047	KIA7820API			
IC605		00D 263 1100 005	KIA7805API			
IC606,607		00D 263 1048 002	BA033T			
IC608		00D 279 0034 067	PTH9M04BB222TS2F333			
IC610		00D 263 1092 003	BA05T			
IC832		00D 263 1163 000	KIA78R09PI			
TR107-110		00D 271 0301 903	2SA/KTA1268BL-AT			
TR111,112		00D 273 0471 907	KTC3206Y-AT			
TR113,114		00D 271 0314 903	KTA1024Y-AT			
TR115,116		00D 273 0471 907	KTC3206Y-AT			
TR207		00D 271 0301 903	2SA/KTA1268BL-AT			
TR209		00D 271 0301 903	2SA/KTA1268BL-AT			
TR211		00D 273 0471 907	KTC3206Y-AT			
TR213		00D 271 0314 903	KTA1024Y-AT			
TR215		00D 273 0471 907	KTC3206Y-AT			
TR307-310		00D 271 0301 903	2SA/KTA1268BL-AT			
TR311,312		00D 273 0471 907	KTC3206Y-AT			
TR313,314		00D 271 0314 903	KTA1024Y-AT			
TR315,316		00D 273 0471 907	KTC3206Y-AT			
TR407-410		00D 271 0301 903	2SA/KTA1268BL-AT			
TR411,412		00D 273 0471 907	KTC3206Y-AT			
TR413,414		00D 271 0314 903	KTA1024Y-AT			
TR415,416		00D 273 0471 907	KTC3206Y-AT			
TR601		00D 271 0313 904	KTA1281Y-AT			
TR602		00D 269 0206 908	KRC102M-AT(10K-10K)			
TR603		00D 272 0158 007	2SB/KTB778(R/O)			
TR604,605		00D 271 0313 904	KTA1281Y-AT			
TR606		00D 273 0469 906	2SC/KTC3209Y-AT			
TR607		00D 269 0206 908	KRC102M-AT(10K-10K)			
TR608		00D 271 0311 906	2SA/KTA1267GR-AT			
TR609		00D 269 0206 908	KRC102M-AT(10K-10K)			
TR610		00D 271 0313 904	KTA1281Y-AT			
TR611		00D 269 0206 908	KRC102M-AT(10K-10K)			
TR613		00D 274 0198 005	2SD/KTD998(R/O)			
TR614		00D 272 0158 007	2SB/KTB778(R/O)			
TR615		00D 273 0468 907	2SC/KTC3199GR-AT			
TR616		00D 271 0311 906	2SA/KTA1267GR-AT			
TR619		00D 272 0158 007	2SB/KTB778(R/O)			
TR620		00D 271 0313 904	KTA1281Y-AT			
TR621		00D 273 0468 907	2SC/KTC3199GR-AT			
TR622		00D 272 0158 007	2SB/KTB778(R/O)			
TR623		00D 274 0198 005	2SD/KTD998(R/O)			
TR625		00D 269 0206 908	KRC102M-AT(10K-10K)			
TR627		00D 272 0158 007	2SB/KTB778(R/O)			
TR628		00D 271 0313 904	KTA1281Y-AT			
TR629		00D 269 0206 908	KRC102M-AT(10K-10K)			
TR701		00D 271 0301 903	2SA/KTA1268BL-AT			
TR702,703		00D 273 0464 901	KTC3875SGR-RTK +C			
TR704		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
TR705,706		00D 273 0464 901	KTC3875SGR-RTK +C			
TR707		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
TR708,709		00D 273 0464 901	KTC3875SGR-RTK +C			
TR710		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
TR711,712		00D 273 0464 901	KTC3875SGR-RTK +C			
D101-106		00D 276 0432 903	1SS270A TE (TAPE)			
D201		00D 276 0432 903	1SS270A TE (TAPE)			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
D203		00D 276 0432 903	1SS270A TE (TAPE)			
D205		00D 276 0432 903	1SS270A TE (TAPE)			
D301-306		00D 276 0432 903	1SS270A TE (TAPE)			
D401-406		00D 276 0432 903	1SS270A TE (TAPE)			
D603,604		00D 276 0723 900	RB721Q-40			
D605		00D 276 0305 001	S4VB20			
D606,607		00D 276 0432 903	1SS270A TE (TAPE)			
D608		00D 276 0305 001	S4VB20			
D609,610		00D 276 0704 903	1SR35-400A(T93X)			
D611		00D 276 0432 903	1SS270A TE (TAPE)			
D612		00D 276 0723 900	RB721Q-40			
D613		00D 276 0760 918	MTZJ3.9B T77			
D615		00D 276 0305 001	S4VB20			
D616		00D 276 0760 918	MTZJ3.9B T77			
D618		00D 276 0305 001	S4VB20			
D619,620		00D 276 0432 903	1SS270A TE (TAPE)			
D623		00D 276 0432 903	1SS270A TE (TAPE)			
D624-627		00D 276 0704 903	1SR35-400A(T93X)			
ZD601,602		00D 276 0477 926	HZS16-3TD			
ZD603		00D 276 0474 903	HZS12B-1TD			
ZD604,605		00D 276 0463 901	HZS6C-1TD			
RESISTORS GROUP						
R127,128		00D 241 2379 987	RD14B2E102JNBST			
R133,134		00D 241 2379 987	RD14B2E102JNBST			
R137,138		00D 244 2671 914	RS14B3D153JNBST(S)			
R139,140		00D 241 2378 920	RD14B2E221JNBST			
R141,142		00D 241 2378 946	RD14B2E271JNBST			
R143,144		00D 241 2378 920	RD14B2E221JNBST			
R227		00D 241 2379 987	RD14B2E102JNBST			
R233		00D 241 2379 987	RD14B2E102JNBST			
R237		00D 244 2671 914	RS14B3D153JNBST(S)			
R239		00D 241 2378 920	RD14B2E221JNBST			
R241		00D 241 2378 946	RD14B2E271JNBST			
R243		00D 241 2378 920	RD14B2E221JNBST			
R327,328		00D 241 2379 987	RD14B2E102JNBST			
R333,334		00D 241 2379 987	RD14B2E102JNBST			
R337,338		00D 244 2671 914	RS14B3D153JNBST(S)			
R339,340		00D 241 2378 920	RD14B2E221JNBST			
R341,342		00D 241 2378 946	RD14B2E271JNBST			
R343,344		00D 241 2378 920	RD14B2E221JNBST			
R427,428		00D 241 2379 987	RD14B2E102JNBST			
R433,434		00D 241 2379 987	RD14B2E102JNBST			
R437,438		00D 244 2671 914	RS14B3D153JNBST(S)			
R439,440		00D 241 2378 920	RD14B2E221JNBST			
R441,442		00D 241 2378 946	RD14B2E271JNBST			
R443,444		00D 241 2378 920	RD14B2E221JNBST			
R602		00D 241 2376 919	RD14B2E300JNBST			
R618		00D 241 2376 919	RD14B2E300JNBST			
R623,624		00D 241 2376 919	RD14B2E300JNBST			
R625,626		00D 244 2050 959	RS14B3A271JNBST(S)			
R629		00D 241 2376 919	RD14B2E300JNBST			
R635,636		00D 244 2050 988	RS14B3A202JNBST(S)			
CAPACITORS GROUP						
C109,110		00D 254 4573 981	CE04W1H100MT(RE3)			
C111,112		00D 255 1273 944	CQ93M1H221KT(B)			
C113,114		00D 255 1273 986	CQ93M1H471JT(B)			
C115,116		00D 255 1264 966	CQ93M1H332JT(B)			
C117,118		00D 254 4579 707	CE04W1H221MC(RE3)			
C119,120		00D 253 4552 909	CC45SL2H330JT			
C121,122		00D 253 4550 901	CC45SL2H050CT			
C123,124		00D 253 4551 900	CC45SL2H470JT			
C125,126		00D 255 1275 942	CQ93M2A221KT(B)			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C209		00D 254 4573 981	CE04W1H100MT(RE3)			
C211		00D 255 1273 944	CQ93M1H221KT(B)			
C213		00D 255 1273 986	CQ93M1H471JT(B)			
C215		00D 255 1264 966	CQ93M1H332JT(B)			
C217		00D 254 4579 707	CE04W1H221MC(RE3)			
C219		00D 253 4552 909	CC45SL2H330JT			
C221		00D 253 4550 901	CC45SL2H050CT			
C223		00D 253 4551 900	CC45SL2H470JT			
C225		00D 255 1275 942	CQ93M2A221KT(B)			
C309,310		00D 254 4573 981	CE04W1H100MT(RE3)			
C311,312		00D 255 1273 944	CQ93M1H221KT(B)			
C313,314		00D 255 1273 986	CQ93M1H471JT(B)			
C315,316		00D 255 1264 966	CQ93M1H332JT(B)			
C317,318		00D 254 4579 707	CE04W1H221MC(RE3)			
C319,320		00D 253 4552 909	CC45SL2H330JT			
C321,322		00D 253 4550 901	CC45SL2H050CT			
C323,324		00D 253 4551 900	CC45SL2H470JT			
C325,326		00D 255 1275 942	CQ93M2A221KT(B)			
C409,410		00D 254 4573 981	CE04W1H100MT(RE3)			
C411,412		00D 255 1273 944	CQ93M1H221KT(B)			
C413,414		00D 255 1273 986	CQ93M1H471JT(B)			
C415,416		00D 255 1264 966	CQ93M1H332JT(B)			
C417,418		00D 254 4579 707	CE04W1H221MC(RE3)			
C419,420		00D 253 4552 909	CC45SL2H330JT			
C421,422		00D 253 4550 901	CC45SL2H050CT			
C423,424		00D 253 4551 900	CC45SL2H470JT			
C425,426		00D 255 1275 942	CQ93M2A221KT(B)			
C599		00D 254 4347 748	CE04W1H010MC(ARSA)			
C601		00D 254 4577 945	CE04W1C101MT(RE3)			
C602-606		00D 255 1279 951	CQ93M1H104JT(B)			
C607		00D 254 4569 911	CE04W1E470MT(RE3)			
C608		00D 254 4573 965	CE04W1H3R3MT(RE3)			
C609		00D 257 0509 929	CK73B1H102KT +1608			
C610		00D 254 4760 707	CE04W1E103MC(SMQ)			
C611		00D 256 1042 903	CF93A2E104KT			
C612		00D 254 4569 911	CE04W1E470MT(RE3)			
C613-616		00D 254 4573 949	CE04W1H010MT(RE3)			
C617,618		00D 254 4761 706	CE04W1C153MC(SMQ)			
C619,620		00D 254 4573 949	CE04W1H010MT(RE3)			
C621		00D 254 4573 965	CE04W1H3R3MT(RE3)			
C622		00D 254 4573 981	CE04W1H100MT(RE3)			
C623		00D 254 4569 924	CE04W1E101MT(RE3)			
C624		00D 254 4569 911	CE04W1E470MT(RE3)			
C625		00D 254 4573 949	CE04W1H010MT(RE3)			
C626,627		00D 254 4569 937	CE04W1E221MT(RE3)			
C628,629		00D 254 4573 981	CE04W1H100MT(RE3)			
C630,631		00D 254 6258 000	CE68W1V822M			
C632		00D 254 4573 949	CE04W1H010MT(RE3)			
C633		00D 254 4761 719	CE04W1C223MC(SMQ)			
C634		00D 255 1279 951	CQ93M1H104JT(B)			
C635		00D 254 4569 911	CE04W1E470MT(RE3)			
C636		00D 254 4573 965	CE04W1H3R3MT(RE3)			
C637		00D 254 4573 949	CE04W1H010MT(RE3)			
C638		00D 254 4761 719	CE04W1C223MC(SMQ)			
C639,640		00D 254 4428 706	CE04W1V222MC (SMG)			
C641,642		00D 254 4573 949	CE04W1H010MT(RE3)			
C643		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C647		00D 254 4573 949	CE04W1H010MT(RE3)			
C648	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C649		00D 254 4569 924	CE04W1E101MT(RE3)			
C650		00D 254 4761 722	CE04W1C822MC(SMQ)			
C651		00D 254 4761 706	CE04W1C153MC(SMQ)			
C701	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C702		00D 254 4573 981	CE04W1H100MT(RE3)			
C703	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C704		00D 254 4533 947	CE04W0J331MT SMG/RE3			
C705	nsp	00D 257 0516 954	CK73B1E104KT +1608			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C706		00D 254 4533 947	CE04W0J331MT SMG/RE3			
C707	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C708		00D 254 4533 947	CE04W0J331MT SMG/RE3			
C709		00D 254 4303 931	CE04W1E100MT(SRE)			
OTHERS PARTS GROUP						
AS605-607	nsp	00D 205 1034 010	M3 SCREW TERMINAL			
AS609	nsp	00D 205 1034 007	M3 SCREW TERMINAL			
CW091	nsp	00D 205 0885 037	9P CON.SOCKET TUC-P			
CW111	nsp	00D 205 1092 023	11P CON PLUG TWG-P			
CW131,132	nsp	00D 205 1092 036	13P CON PLUG TWG-P			
CW142	nsp	00D 205 0885 011	14P CON.SOCKET TUC-P			
CW191	nsp	00D 205 1092 007	19P CON.PLUG(TWG-P)			
CW961-966	nsp	00D 205 0942 019	6P CON.SOCKET(TUC-P)			
CW971	nsp	00D 205 0942 022	7P CON.SOCKET(TUC-P)			
CW975	nsp	00D 205 1092 010	7P CON PLUG TWG-P			
CX032	nsp	00D 205 0343 032	3P CONN.BASE(KR-PH)			
CX035	nsp	00D 205 0233 032	3P EH CONNECTOR BASE			
CX036	nsp	00D 205 0653 036	3P VH CON.BASE			
CX037	nsp	00D 205 0276 031	3P EH CON BASE (BU)			
CX043	nsp	00D 205 0343 045	4P CONN.BASE(KR-PH)			
CX061	nsp	00D 205 0343 061	6P CONN.BASE(KR-PH)			
CX071	nsp	00D 205 0343 074	7P CONN.BASE(KR-PH)			
CX119	nsp	00D 205 0884 067	11P CON.BASE TUC-P			
CX142	nsp	00D 205 0884 012	14P CON.BASE TUC-P			
CX151-153	nsp	00D 205 0884 041	15P CON.BASE TUC-P			
CX191	nsp	00D 205 1091 008	19P CON.BASE(TWG-P)			
CX973,974	nsp	00D 205 0943 021	7P CON.BASE(TUC-P)			
CY031	nsp	00D 205 0321 038	3P CONNE.BASE(RED)			
⚠		00D 206 1039 089	FUSE 3.15A			
⚠		00D 206 1046 014	FUSE 8A			
⚠		00D 206 1039 089	FUSE 3.15A			
FF601-605	nsp	00D 202 0040 909	FUSE CLIP(TAPE)			
FF607	nsp	00D 202 0040 909	FUSE CLIP(TAPE)			
FH601-605	nsp	00D 202 0040 909	FUSE CLIP(TAPE)			
FH607	nsp	00D 202 0040 909	FUSE CLIP(TAPE)			
ST609		-	STYLE PIN			
TP701	nsp	00D 205 0154 030	3P NH CONNECTOR BASE			
		-	P.V.C. TUBE(L=20)	FOR IC608		

1U-3703 FRONT P.W.B. UNIT ASS'Y

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP							
⚠	IC101		00D 499 0303 004	GP1UM271XK			
	IC102		00D 268 0073 905	ICP-N15T			
	IC103,104		00D 262 3572 007	PT6302LQ-001(L)			
	IC401,402		00D 263 1082 903	TK15420MTL +C			
	IC403		00D 262 0707 901	TC4053BF (TAPE) +C			
	IC404		00D 262 2643 908	TC4052BF(TAPE)			
	IC405,406		00D 262 3336 900	TC4051BF			
	IC407		00D 263 1082 903	TK15420MTL +C			
	IC701		00D 262 2580 906	CXA1511M +C			
	IC705		00D 262 3571 901	HIN202EIBNZ-T			
	IC802		00D 263 0896 909	NJM2068MD-TE1 +C			
	IC804		00D 263 0896 909	NJM2068MD-TE1 +C			
	TR101		00D 269 0191 903	KRA104S-RTK(47K-47K) +C			
	TR102		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
	TR103		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
	TR104		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
	TR105		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
	TR106		00D 271 0316 901	KTA1042D +C			
	TR301		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
	TR302,303		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
	TR304,305		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
	TR371-373		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
	TR401,402		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
	TR403		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
	TR701		00D 269 0191 903	KRA104S-RTK(47K-47K) +C			
	TR702,703		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
	TR704,705		00D 269 0191 903	KRA104S-RTK(47K-47K) +C			
	D101		00D 276 0704 903	1SR35-400A(T93X)			
	D103,104		00D 276 0794 900	KDS160 +2125			
	D401,402		00D 276 0794 900	KDS160 +2125			
	ZD101		00D 276 0683 956	UDZS15B-TE17 +C			
	ZD102		00D 276 0683 998	UDZS16B-TE17 +C			
	ZD103		00D 276 0798 951	UDZS4.7B-TE17			
	ZD108		00D 276 0798 951	UDZS4.7B-TE17			
	ZD701		00D 276 0798 906	UDZS6.2B-TE17			
	ZD702,703		00D 276 0683 998	UDZS16B-TE17 +C			
	LD101		00D 393 9645 009	SML1216W(D)			
	LD301		00D 393 9645 009	SML1216W(D)			
	LD302		00D 393 9662 901	SEL1410ETP2(D2/D3)			
	LD371-373		00D 393 9662 901	SEL1410ETP2(D2/D3)			
CAPACITORS GROUP							
	C101		00D 255 1279 951	CQ93M1H104JT(B)			
	C102		00D 254 4574 922	CE04W1H101MT(RE3)			
	C103	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C104		00D 254 4574 922	CE04W1H101MT(RE3)			
	C106		00D 254 4573 981	CE04W1H100MT(RE3)			
	C108		00D 255 1279 951	CQ93M1H104JT(B)			
	C109	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
	C110,111	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C112,113	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C115,116		00D 254 4540 710	CE04W1J471MC SMG/RE3			
	C117,118	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C119	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
	C120,121	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C122,123	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C124	nsp	00D 257 0504 982	CC73CH1H470JT +1608			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C125	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C126		00D 254 4573 949	CE04W1H010MT(RE3)			
C127,128		00D 254 4574 922	CE04W1H101MT(RE3)			
C129	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C301,302		00D 255 1264 908	CQ93M1H102JT(B)			
C304,305		00D 255 1279 951	CQ93M1H104JT(B)			
C306,307	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C381,382	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C391,392	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C401,402		00D 254 4574 906	CE04W1H330MT(RE3)			
C403-406	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C407,408		00D 254 4574 906	CE04W1H330MT(RE3)			
C409-412	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C413,414		00D 254 4574 906	CE04W1H330MT(RE3)			
C415,416	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C417,418	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C419,420	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C422		00D 254 4574 906	CE04W1H330MT(RE3)			
C424		00D 254 4574 906	CE04W1H330MT(RE3)			
C425,426		00D 254 4577 945	CE04W1C101MT(RE3)			
C427,428	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C429	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C430		00D 254 4573 949	CE04W1H010MT(RE3)			
C431	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C432	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C433	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C701	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C702		00D 254 4302 945	CE04W1A330MT(SRE)			
C703	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C704	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C705	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C706	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C707		00D 254 4305 900	CE04W1H0R1MT(SRE)			
C708	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C709	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C710		00D 254 4305 968	CE04W1H010MT(SRE)			
C711	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C712-714		00D 254 4305 900	CE04W1H0R1MT(SRE)			
C715	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C716		00D 254 4299 906	CE04W1C100MT(SRE)			
C717,718	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C722	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C723	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C724-726	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C805,806	nsp	00D 257 0507 976	CC73CH1H331JT +1608			
C819,820	nsp	00D 257 0507 934	CC73CH1H221JT +1608			
C821,822		00D 254 4304 943	CE04W1V100MT(SRE)			
C823	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C824,825		00D 254 4213 940	CE04W0J221MT(SRA)			
C826	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C827,828		00D 255 1265 978	CQ93M1H223JT(B)			
C829,830		00D 255 1265 907	CQ93M1H682JT(B)			
C831,832		00D 254 4304 943	CE04W1V100MT(SRE)			
C846		00D 254 4304 943	CE04W1V100MT(SRE)			
C848		00D 254 4304 943	CE04W1V100MT(SRE)			
C856,857		00D 254 4304 943	CE04W1V100MT(SRE)			
C878,879		00D 254 4303 960	CE04W1E330MT(SRE)			
C888		00D 254 4305 968	CE04W1H010MT(SRE)			
C889,890	nsp	00D 257 0516 954	CK73B1E104KT +1608			
OTHERS PARTS GROUP						
AS101	nsp	00D 146 2348 008	FLD HOLDER			
AS102,103	nsp	00D 412 5186 038	BUS BAR			
CW108	nsp	00D 205 0885 053	10P CON.SOCKET TUC-P			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
CW135 CW138 CW143	nsp nsp nsp	00D 205 1326 032 00D 205 0942 006 00D 205 1326 045	13P SOCKET(9120) 13P CON.SOCKET(TUC-P) 14P SOCKET(9120)			
CX021 CX042 CX056 CX082 CX102	nsp nsp nsp nsp nsp	00D 205 0581 069 00D 205 0343 045 00D 205 0234 057 00D 205 0355 088 00D 204 3002 005	2P VH-VH CON BASE 4P CONN.BASE(KR-PH) 5P EH SID CONN BASE 8P KR CON BASE(L) 10P KR-DS CON.CORD			
CX108 CX110 CX121 CX135,136 CX138	nsp nsp nsp nsp nsp	00D 205 0884 054 00D 205 1377 007 00D 205 0884 070 00D 205 1324 034 00D 205 0943 005	10P CON.BASE TUC-P 11P FFC BASE(9610SB) 12P CON.BASE TUC-P 13P PIN HEADER(9120) 13P CON.BASE(TUC-P)			
CX143,144 CX155-158 CX912,913 CY082	nsp nsp nsp nsp	00D 205 1324 047 00D 205 0884 041 00D 205 1248 039 00D 204 3001 006	14P PIN HEADER(9120) 15P CON.BASE TUC-P 11P JE CON.PLUG 8P KR-DS CON.CORD			
CY102 CY251 FL101	nsp nsp nsp	00D 205 0480 005 00D 205 1052 018 00D 393 8073 106	10P KR CON BASE(L) 25P FFC BASE (9604F) FLD(32-BT-10GNM)			
JK301 JK401-405 JK701-704 JK705 JK804,805		00D 204 8217 031 00D 204 8721 006 00D 204 8720 007 00D 205 1153 001 00D 204 8722 005	H/P JACK (BK(AU)) 2P PIN JACK(NI) MINI JACK 9P S SUB CONNECTOR 2P PIN JACK(NI)			
S301 S302 S331-351 S371-373		00D 212 5611 903 00D 212 1030 009 00D 212 5611 903 00D 212 5611 903	TACT SWITCH(TAPE H5) POWER SWITCH (TV-5) TACT SWITCH(TAPE H5) TACT SWITCH(TAPE H5)			
S381 S391 S392 S393-395		00D 212 0373 000 00D 212 5611 903 00D 212 0373 000 00D 212 5611 903	ROT.ENCODER-EC16B TACT SWITCH(TAPE H5) ROT.ENCODER-EC16B TACT SWITCH(TAPE H5)			
W303 W381 W391	nsp nsp	00D 205 1034 007 - - 00D 414 1038 005	M3 SCREW TERMINAL 1P CONTACT ASSY 1P CONTACT ASSY SHIELD PLATE			

1U-3704 AUDIO / VIDEO P.W.B. UNIT ASS'Y

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
IC101		00D 262 3551 002	NJW1321FP1			
IC102,103		00D 263 1225 906	NJM2581M-TE1			
IC201-204		00D 262 3168 903	TC94A32F +C			
IC205		00D 262 3556 900	TC9459BFG			
IC206		00D 263 0615 902	BA15218F-DXE2 +C			
IC207-210		00D 262 3555 901	SA5532ADR			
IC301-304		00D 263 1082 903	TK15420MTL +C			
IC305,306		00D 262 3447 909	TC4053BFT			
IC307		00D 262 3446 900	TC4052BFT			
IC308-311		00D 262 3445 901	TC4051BFT			
IC312,313		00D 263 1082 903	TK15420MTL +C			
IC401		00D 262 2725 004	TC9273N-015			
IC403,404		00D 263 0615 902	BA15218F-DXE2 +C			
IC406		00D 262 3347 009	TC94A46FG +C			
IC407		00D 263 0896 909	NJM2068MD-TE1 +C			
IC408		00D 263 1098 900	LM833MX			
IC409-416		00D 263 0896 909	NJM2068MD-TE1 +C			
IC501		00D 262 2919 001	TC9274N-017			
IC701		00D 262 2827 902	MM74HC4053SJ +C			
IC702		00D 262 1671 900	NJM2229M-TE1			
IC703		00D 262 3450 006	M35015-***SP			
IC704		00D 262 3447 909	TC4053BFT			
IC705-707		00D 263 1082 903	TK15420MTL +C			
IC708-710		00D 263 1197 908	BU4094BCFV-E2			
IC901		00D 263 1205 900	PQ012FZ01ZP +C			
IC914		00D 262 3106 907	SN65LVDS32PW +REF			
IC915		00D 262 3432 901	SN65LVDS1DBVR			
IC916		00D 269 0221 006	GP1FM313RZ			
IC917		00D 263 0615 902	BA15218F-DXE2 +C			
TR101		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
TR102		00D 269 0144 905	DTC114YK-T146 +C			
TR103		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR301		00D 271 0312 905	2SA/KTA1504SGR-RTK +C			
TR302,303		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR501-520		00D 273 0460 905	KTC2875B-RTK +C			
TR525-528		00D 273 0460 905	KTC2875B-RTK +C			
TR701,702		00D 273 0464 901	KTC3875SGR-RTK +C			
TR810		00D 273 0458 904	2SC/KTC3200BL-AT			
TR811,812		00D 271 0301 903	2SA/KTA1268BL-AT			
TR813		00D 274 0160 907	2SD2144STPU			
TR814,815		00D 271 0301 903	2SA/KTA1268BL-AT			
TR816		00D 273 0458 904	2SC/KTC3200BL-AT			
D101,102		00D 276 0794 900	KDS160 +2125			
D301,302		00D 276 0794 900	KDS160 +2125			
D701		00D 276 0740 909	KDS184-RTK(K-COM) +C			
D702		00D 276 0794 900	KDS160 +2125			
D815		00D 276 0794 900	KDS160 +2125			
D816-829		00D 276 0773 905	RB501V-40 +2125			
ZD901-904		00D 276 0829 901	NSAD500F-T1B			
ZD905-907		00D 276 0683 930	UDZS5.1B-TE17 +C			
X701		00D 399 0739 006	X'TAL(14.32M-RIBER)			
X702		00D 399 0105 009	CSB503F2			
RESISTORS GROUP						
R877		00D 241 2383 902	RD14B2E223JNBST			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
CAPACITORS GROUP						
C107-109	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C110-113		00D 254 4573 981	CE04W1H100MT(RE3)			
C114	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C115		00D 254 4573 981	CE04W1H100MT(RE3)			
C116	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C117		00D 254 4573 981	CE04W1H100MT(RE3)			
C118	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C119		00D 254 4573 981	CE04W1H100MT(RE3)			
C120	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C121		00D 254 4573 981	CE04W1H100MT(RE3)			
C122	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C123		00D 254 4573 981	CE04W1H100MT(RE3)			
C124	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C125		00D 254 4577 945	CE04W1C101MT(RE3)			
C126-131	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C132		00D 254 4573 981	CE04W1H100MT(RE3)			
C133	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C134		00D 254 4573 981	CE04W1H100MT(RE3)			
C135	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C136		00D 254 4573 981	CE04W1H100MT(RE3)			
C137	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C138		00D 254 4577 945	CE04W1C101MT(RE3)			
C139		00D 254 4573 949	CE04W1H010MT(RE3)			
C140	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C141-146		00D 254 4577 945	CE04W1C101MT(RE3)			
C147-153	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C154		00D 254 4574 906	CE04W1H330MT(RE3)			
C155	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C156		00D 254 4574 906	CE04W1H330MT(RE3)			
C157-161	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C162		00D 254 4574 906	CE04W1H330MT(RE3)			
C163	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C164		00D 254 4574 906	CE04W1H330MT(RE3)			
C165-168	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C169	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C170	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C172	nsp	00D 257 0507 934	CC73CH1H221JT +1608			
C173	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C174		00D 254 4573 949	CE04W1H010MT(RE3)			
C175	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C179,180	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C181,182	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C201,202		00D 254 4573 994	CE04W1H220MT(RE3)			
C203,204		00D 254 4569 911	CE04W1E470MT(RE3)			
C205-208		00D 254 4573 965	CE04W1H3R3MT(RE3)			
C209,210	nsp	00D 257 0502 971	CC73CH1H5R0CT +1608			
C211,212		00D 254 4573 981	CE04W1H100MT(RE3)			
C213,214		00D 254 4573 994	CE04W1H220MT(RE3)			
C215,216		00D 254 4569 911	CE04W1E470MT(RE3)			
C217-220		00D 254 4573 965	CE04W1H3R3MT(RE3)			
C221,222	nsp	00D 257 0502 971	CC73CH1H5R0CT +1608			
C223,224		00D 254 4573 981	CE04W1H100MT(RE3)			
C227,228		00D 254 4573 994	CE04W1H220MT(RE3)			
C229,230		00D 254 4569 911	CE04W1E470MT(RE3)			
C231-234		00D 254 4573 965	CE04W1H3R3MT(RE3)			
C235,236	nsp	00D 257 0502 971	CC73CH1H5R0CT +1608			
C237,238		00D 254 4573 981	CE04W1H100MT(RE3)			
C239,240		00D 254 4573 994	CE04W1H220MT(RE3)			
C241,242		00D 254 4569 911	CE04W1E470MT(RE3)			
C243-246		00D 254 4573 965	CE04W1H3R3MT(RE3)			
C247,248	nsp	00D 257 0502 971	CC73CH1H5R0CT +1608			
C249,250		00D 254 4573 981	CE04W1H100MT(RE3)			
C253,254		00D 254 4573 981	CE04W1H100MT(RE3)			
C257,258	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C261,262		00D 254 4573 981	CE04W1H100MT(RE3)			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C269,270	nsp	00D 257 0507 976	CC73CH1H331JT +1608			
C273,274		00D 254 4573 981	CE04W1H100MT(RE3)			
C301,302		00D 254 4574 906	CE04W1H330MT(RE3)			
C303-310	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C311-314		00D 254 4574 906	CE04W1H330MT(RE3)			
C315-320	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C321		00D 254 4574 906	CE04W1H330MT(RE3)			
C322-325	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C326-328		00D 254 4574 906	CE04W1H330MT(RE3)			
C329-332	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C333,334		00D 254 4574 906	CE04W1H330MT(RE3)			
C335,336	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C337,338		00D 254 4577 945	CE04W1C101MT(RE3)			
C339	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C340		00D 254 4573 949	CE04W1H010MT(RE3)			
C341	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C342	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C343	nsp	00D 257 0516 941	CK73B1E473KT +1608			
C348,349		00D 254 4577 945	CE04W1C101MT(RE3)			
C350,351	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C401,402		00D 254 4573 981	CE04W1H100MT(RE3)			
C403,404		00D 254 4574 906	CE04W1H330MT(RE3)			
C413,414		00D 254 4573 981	CE04W1H100MT(RE3)			
C417,418		00D 254 4573 994	CE04W1H220MT(RE3)			
C419,420		00D 254 4573 981	CE04W1H100MT(RE3)			
C423,424		00D 254 4573 994	CE04W1H220MT(RE3)			
C431-434	nsp	00D 254 4573 981	CE04W1H100MT(RE3)			
C436,437		00D 257 0507 976	CC73CH1H331JT +1608			
C439-442		00D 254 4573 981	CE04W1H100MT(RE3)			
C445,446		00D 254 4573 994	CE04W1H220MT(RE3)			
C447		00D 254 4573 949	CE04W1H010MT(RE3)			
C501,502		00D 254 4573 994	CE04W1H220MT(RE3)			
C503		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C504,505		00D 254 4573 994	CE04W1H220MT(RE3)			
C506		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C507,508		00D 254 4573 994	CE04W1H220MT(RE3)			
C509		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C510,511		00D 254 4573 994	CE04W1H220MT(RE3)			
C512		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C513,514		00D 254 4573 994	CE04W1H220MT(RE3)			
C515		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C519,520		00D 254 4573 994	CE04W1H220MT(RE3)			
C521		00D 254 4573 907	CE04W1H0R1MT(RE3)			
C525,526		00D 254 4573 981	CE04W1H100MT(RE3)			
C702,703	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C704,705		00D 254 4574 906	CE04W1H330MT(RE3)			
C706		00D 254 4577 945	CE04W1C101MT(RE3)			
C708	nsp	00D 257 0506 977	CC73CH1H121JT +1608			
C709	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C710,711	nsp	00D 257 0503 925	CC73CH1H100DT +1608			
C712		00D 255 1265 978	CQ93M1H223JT(B)			
C713		00D 254 4573 978	CE04W1H4R7MT(RE3)			
C714	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C715		00D 254 4573 949	CE04W1H010MT(RE3)			
C716		00D 254 4573 981	CE04W1H100MT(RE3)			
C717		00D 254 4577 945	CE04W1C101MT(RE3)			
C718	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C719	nsp	00D 257 0506 993	CC73CH1H151JT +1608			
C720		00D 254 4573 949	CE04W1H010MT(RE3)			
C721		00D 255 1279 935	CQ93M1H683JT(B)			
C722	nsp	00D 257 0508 917	CC73CH1H471JT +1608			
C723	nsp	00D 257 0510 918	CK73B1H332KT +1608			
C724,725	nsp	00D 257 0504 940	CC73CH1H330JT +1608			
C726		00D 254 4577 945	CE04W1C101MT(RE3)			
C727	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C728		00D 254 4573 981	CE04W1H100MT(RE3)			
C729	nsp	00D 257 0509 929	CK73B1H102KT +1608			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C730	nsp	00D 257 0509 945	CK73B1H122KT +1608			
C731,732	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C733-735		00D 254 4577 945	CE04W1C101MT(RE3)			
C736,737		00D 254 4574 906	CE04W1H330MT(RE3)			
C738		00D 254 4573 981	CE04W1H100MT(RE3)			
C739-741	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C743,744	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C745-750	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C824	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C825		00D 254 4573 978	CE04W1H4R7MT(RE3)			
C826	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C901		00D 257 2015 903	CS77B1A100MT			
C902,903	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C904		00D 254 4533 947	CE04W0J331MT SMG/RE3			
C905		00D 257 2015 903	CS77B1A100MT			
C906	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C907		00D 254 4533 947	CE04W0J331MT SMG/RE3			
C935	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C936	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C937		00D 254 4573 981	CE04W1H100MT(RE3)			
C938	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C939	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C940,941	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C942-944		00D 257 0521 949	CK73B1A474KT			
C945	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C946,947	nsp	00D 257 0507 934	CC73CH1H221JT +1608			
C948-951	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C953	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C954,955		00D 254 4196 944	CE04W1H010MT (SRA)			
C957		00D 254 4305 968	CE04W1H010MT(SRE)			
C958	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C959	nsp	00D 257 0506 993	CC73CH1H151JT +1608			
C960,961		00D 254 4305 968	CE04W1H010MT(SRE)			
C962	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C963	nsp	00D 257 0506 993	CC73CH1H151JT +1608			
C967	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C968,969		00D 254 4305 968	CE04W1H010MT(SRE)			
C970,971	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC413,414	nsp	00D 257 0507 976	CC73CH1H331JT +1608			
CC415-426	nsp	00D 257 0507 976	CC73CH1H331JT +1608			
CC427-432	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
CC433-448		00D 254 4573 981	CE04W1H100MT(RE3)			
CC465-480		00D 254 4574 906	CE04W1H330MT(RE3)			
CC481,482		00D 254 4573 981	CE04W1H100MT(RE3)			
OTHERS PARTS GROUP						
CW115-118	nsp	00D 205 0885 066	11P CON.SOCKET TUC-P			
CW133	nsp	00D 205 0942 006	13P CON.SOCKET(TUC-P			
CW136	nsp	00D 205 1326 032	13P SOCKET(9120)			
CW144	nsp	00D 205 1326 045	14P SOCKET(9120)			
CW153-156	nsp	00D 205 0885 040	15P CON.SOCKET TUC-P			
CW158	nsp	00D 205 0885 040	15P CON.SOCKET TUC-P			
CW162	nsp	00D 205 0942 051	16P CON.SOCKET TUC-P			
CW951	nsp	00D 205 0885 008	5P CON.SOCKET TUC-P			
CW974	nsp	00D 205 0942 022	7P CON.SOCKET(TUC-P			
CX034	nsp	00D 205 0406 034	3P CON BASE(KR-PH)			
CX053	nsp	00D 205 0321 054	5P CONNE.BASE (RED)			
CX058	nsp	00D 205 0885 008	5P CON.SOCKET TUC-P			
CX121	nsp	00D 205 0885 079	12P CON.SOCKET TUC-P			
CX145	nsp	00D 205 1228 020	14P FJ CONN.BASE			
CX171	nsp	00D 205 0770 029	17P FFC CON BASE			
CX181	nsp	00D 205 1378 909	18P FFC BASE(9610SD)			
CX914	nsp	00D 205 1228 017	11P FJ CONN.BASE			
CY058	nsp	00D 205 0884 009	5P CON.BASE TUC-P			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
CY071 CY252 CY937 JK101	nsp nsp nsp	00D 205 0343 074 00D 205 0736 089 00D 205 1154 932 00D 204 8716 008	7P CONN.BASE(KR-PH) 25P FFC CON.BASE 3P ZH-ZR CON.BASE-T 9P PIN JACK			
JK104 JK301-304 JK305,306 JK401-405 JK902		00D 204 8717 007 00D 204 8414 012 00D 205 0902 004 00D 204 8723 004 00D 205 1222 000	6P PIN JACK 2P S-TERMINAL 1P S-TERMINAL(SW) 4P PIN JACK(NI) RJ-45 JACK(GND)			
JK903 JK904 JK905 L701		00D 205 0906 000 00D 204 8693 008 00D 204 8720 007 nsp 00D 235 0060 963	1P S-TERMINAL(AU.SW) 3P PINJACK(BK/AU) MINI JACK INDUCTOR(150)ST			
ST201,202 ST301 W901-904		- - nsp 00D 205 1034 007	STYLE PIN STYLE PIN M3 SCREW TERMINAL			

1U-3705 DIGITAL P.W.B. UNIT ASS'Y

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
SEMICONDUCTORS GROUP						
IC101-103		00D 262 3449 004	LC89057W-VF4A			
IC151		00D 262 3068 003	EPM3128ATC144-10 +REF			
IC152		00D 262 3062 902	FCXO-03(24.576MHZ) +REF			
IC201		00D 262 3550 003	ADSP-21366SKBCZ			
IC202		00D 262 3557 909	FCXO-03L(20.815MHZ)			
IC205		00D 262 3339 907	SN74LVC139APWR +REF			
IC206,207		00D 262 3559 907	TC74VHC573FT			
IC208		00D GEN 8015	DSP SUB ASS'Y	LH28F160BJE-BTL90		
IC209,210		00D 262 3341 005	CY7C1049CV33-10ZC +REF			
IC251		00D GEN 8014	SUB CPU SUB ASS'Y	M30620FCPGP(3805-S)		
IC252		00D 262 2517 908	SN74LV08APW-EL2 +REF			
IC254		00D 262 3410 907	TC74VHCT08AFT			
IC301		00D 262 3069 905	PCM1804 +REF			
IC302-305		00D 262 3332 904	PCM1791ADB +REF			
IC306		00D 263 1079 903	BA033FP +C			
IC307-309		00D 263 0934 900	BA4510F-E2 +C			
IC310-314		00D 262 3555 901	SA5532ADR			
IC351		00D 262 3552 904	AK4385ET			
IC353		00D 263 0615 902	BA15218F-DXE2 +C			
IC401		00D 262 3431 012	SII9031CTU-7			
IC402		00D 262 3265 903	LM1117MPX-1.8 +C			
IC403,404		00D 262 3416 901	BR24L02F-WE2			
IC451		00D 262 3364 011	SII9030CTU-7			
IC452		00D 262 3265 903	LM1117MPX-1.8 +C			
IC601		00D 262 3495 003	ADV7403BSTZ-110			
IC604		00D 262 3519 905	PQ018EZ01ZPH			
IC605		00D 262 2977 917	BA25BC0FP-E2			
IC606		00D 263 1079 903	BA033FP +C			
IC607		00D 262 3519 905	PQ018EZ01ZPH			
IC608		00D 262 2977 917	BA25BC0FP-E2			
IC610		00D 262 3478 004	ADV7320			
IC611		00D 262 3365 900	BH7868FS			
IC612,613		00D 263 1082 903	TK15420MTL +C			
IC614		00D 263 1198 907	LT1399CS +REF			
IC617		00D 262 3425 905	LTC4300-2CMS8			
IC701,702		00D 262 3553 000	LC4064V-75TN100C			
IC841		00D 262 3517 907	F2602-01-TR			
IC842		00D 262 3516 908	FCXO-03L(45.1584MHZ)			
IC844		00D 262 2517 908	SN74LV08APW-EL2 +REF			
TR201		00D 269 0184 907	KRA102S-RTK +C			
TR253,254		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR303		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR304		00D 269 0184 907	KRA102S-RTK +C			
TR305-312		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR313-316		00D 269 0184 907	KRA102S-RTK +C			
TR317,318		00D 273 0460 905	KTC2875B-RTK +C			
TR319		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR320		00D 269 0184 907	KRA102S-RTK +C			
TR351		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR353		00D 269 0184 907	KRA102S-RTK +C			
TR357		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR359		00D 269 0184 907	KRA102S-RTK +C			
TR401-404		00D 275 0110 905	HN1K02FU-TE85L			
TR405		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR406		00D 269 0184 907	KRA102S-RTK +C			
TR407		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR408		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR409		00D 269 0184 907	KRA102S-RTK +C			
TR410		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR411		00D 269 0192 902	KRC102S-RTK(10K-10K) +C			
TR413		00D 275 0110 905	HN1K02FU-TE85L			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
TR451		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR452		00D 275 0110 905	HN1K02FU-TE85L			
TR454		00D 273 0464 901	KTC3875SGR-RTK +C			
TR455		00D 269 0184 907	KRA102S-RTK +C			
TR601,602		00D 269 0193 901	KRC104S-RTK(47K-47K) +C			
TR603-607		00D 271 0293 901	2SA1022-B +C			
D201		00D 276 0750 902	RB521S-30TE61 +REF			
D304-307		00D 276 0740 909	KDS184-RTK(K-COM) +C			
D351		00D 276 0740 909	KDS184-RTK(K-COM) +C			
D401-404		00D 276 0750 902	RB521S-30TE61 +REF			
D405-407		00D 276 0794 900	KDS160 +2125			
D451		00D 276 0794 900	KDS160 +2125			
D457-464		00D 276 0833 900	ESD PROTECTOR(6802)			
ZD841		00D 276 0829 901	NSAD500F-T1B			
X251		00D 399 1038 900	FCX-03(12MHZ)			
X401		00D 399 1039 909	FCX-03(28.322MHZ)			
X601		00D 399 1000 909	FCX-03(28.63636MHZ)			
RESISTORS GROUP						
RR848		00D 247 1018 904	RM73B20R0KT +3216			
RR869		00D 247 1018 904	RM73B20R0KT +3216			
L604		00D 247 1018 904	RM73B20R0KT +3216			
L607		00D 247 1018 904	RM73B20R0KT +3216			
VR601-605		00D 211 6148 906	V03PB471MT(RH03ADCS) +REF			
CAPACITORS GROUP						
C101	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C102		00D 257 2015 903	CS77B1A100MT			
C104	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C105		00D 257 3024 964	CF73=1C104JT(ECHUX)			
C107		00D 257 3023 981	CF73=1C223JT(ECHUX)			
C108	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C109		00D 257 2015 903	CS77B1A100MT			
C111	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C112		00D 257 3024 964	CF73=1C104JT(ECHUX)			
C114		00D 257 3023 981	CF73=1C223JT(ECHUX)			
C115	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C116		00D 257 2015 903	CS77B1A100MT			
C118	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C119		00D 257 3024 964	CF73=1C104JT(ECHUX)			
C121		00D 257 3023 981	CF73=1C223JT(ECHUX)			
C122-127	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C201		00D 254 4601 918	CE67W0J471MT(P.CAP) +REF			
C203	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C205-209	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C210		00D 257 2015 903	CS77B1A100MT			
C211-219	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C220	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C221		00D 257 2015 903	CS77B1A100MT			
C222,223	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C224	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C225	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C227,228	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C230,231	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C233-236	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C242	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C243	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C244	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C245,246	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C247	nsp	00D 257 0506 951	CC73CH1H101JT +1608			

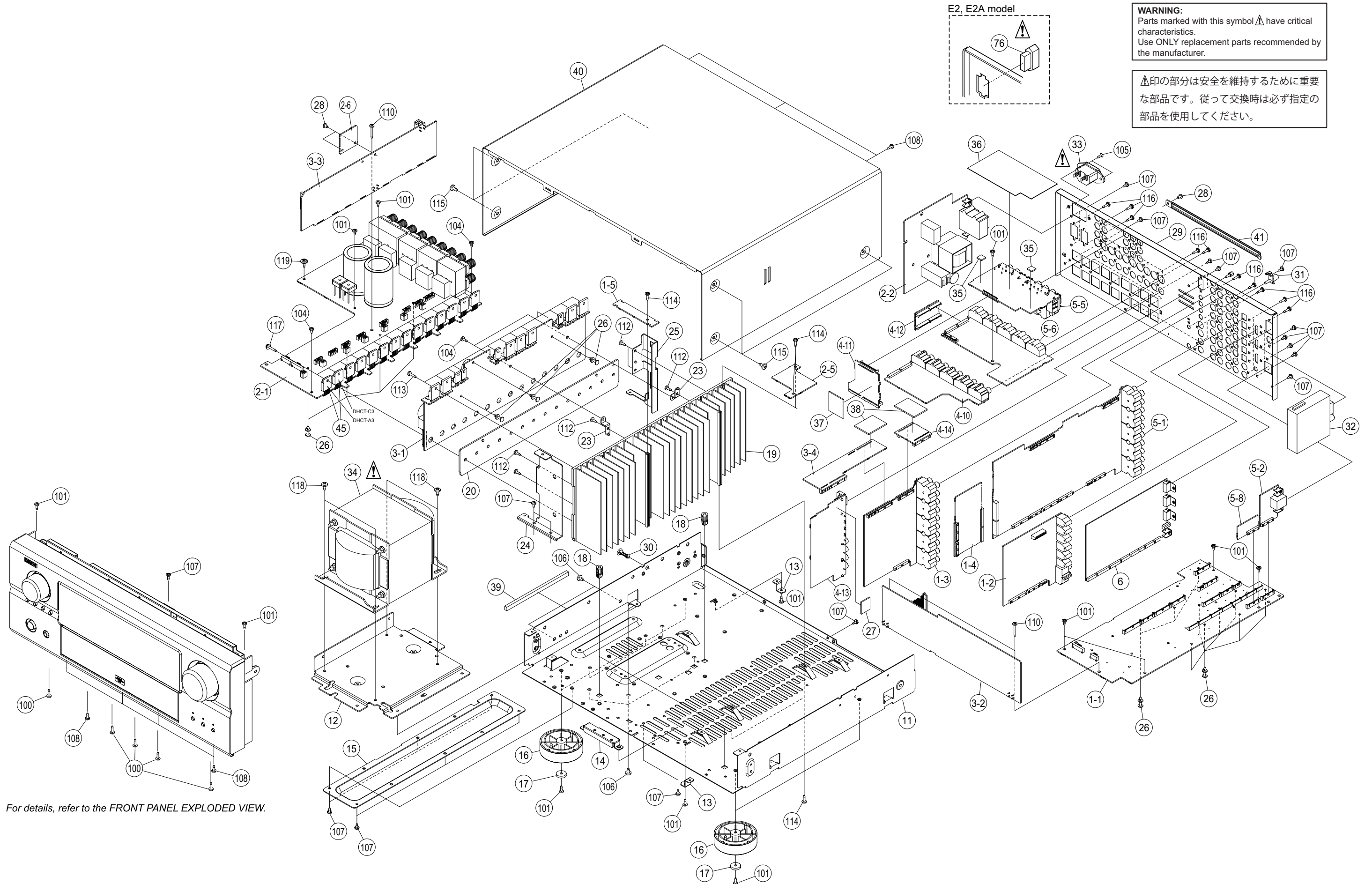
Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C248	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C249,250	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C251		00D 257 2015 903	CS77B1A100MT			
C252	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C253	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C255,256	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C266	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C301,302		00D 257 3018 925	CF73=1H102JT(ECHUX)			
C303-306	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
C307,308	nsp	00D 254 4465 921	CE67C1C100MT +REF			
C310	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C312	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C313		00D 254 4465 921	CE67C1C100MT +REF			
C314		00D 254 4601 934	CE67W0J101MT(P.CAP) +REF			
C315-318		00D 254 4465 921	CE67C1C100MT +REF			
C319		00D 257 2015 903	CS77B1A100MT			
C320		00D 254 4465 921	CE67C1C100MT +REF			
C321	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C322	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C325,326	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C327		00D 254 4601 934	CE67W0J101MT(P.CAP) +REF			
C328		00D 254 4604 986	CE67W1H100MT(P.CAP) +REF			
C329		00D 257 3018 941	CF73=1H152JT(ECHUX)			
C330		00D 257 3018 954	CF73=1H182JT(ECHUX)			
C331		00D 257 3017 971	CF73=1H391JT(ECHUX)			
C332		00D 257 3017 997	CF73=1H561JT(ECHUX)			
C333		00D 257 3017 971	CF73=1H391JT(ECHUX)			
C334		00D 257 3017 997	CF73=1H561JT(ECHUX)			
C335,336		00D 254 4603 916	CE67W1E100MT(P.CAP) +REF			
C337,338	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C339		00D 254 4601 934	CE67W0J101MT(P.CAP) +REF			
C340		00D 254 4604 986	CE67W1H100MT(P.CAP) +REF			
C341		00D 257 3018 954	CF73=1H182JT(ECHUX)			
C342		00D 257 3018 941	CF73=1H152JT(ECHUX)			
C343		00D 257 3017 997	CF73=1H561JT(ECHUX)			
C344		00D 257 3017 971	CF73=1H391JT(ECHUX)			
C345		00D 257 3017 997	CF73=1H561JT(ECHUX)			
C346		00D 257 3017 971	CF73=1H391JT(ECHUX)			
C347,348		00D 257 2015 903	CS77B1A100MT			
C349,350	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C352		00D 254 4604 986	CE67W1H100MT(P.CAP) +REF			
C353,354		00D 257 3018 954	CF73=1H182JT(ECHUX)			
C355-358		00D 257 3017 997	CF73=1H561JT(ECHUX)			
C359,360	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C362		00D 254 4604 986	CE67W1H100MT(P.CAP) +REF			
C363		00D 257 3018 941	CF73=1H152JT(ECHUX)			
C364		00D 257 3018 954	CF73=1H182JT(ECHUX)			
C365		00D 257 3017 926	CF73=1H151JT(ECHUX)			
C366		00D 257 3017 997	CF73=1H561JT(ECHUX)			
C367		00D 257 3017 926	CF73=1H151JT(ECHUX)			
C368		00D 257 3017 997	CF73=1H561JT(ECHUX)			
C371,372		00D 257 2015 903	CS77B1A100MT			
C401,402	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C403	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C404-408	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C409-413	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C414		00D 257 2015 903	CS77B1A100MT			
C416		00D 257 2015 903	CS77B1A100MT			
C417,418	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C420	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C421-424	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C425,426	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
C427-434	nsp	00D 257 0516 954	CK73B1E104KT +1608			
C435-438	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C439	nsp	00D 257 0503 967	CC73CH1H150JT +1608			
C440	nsp	00D 257 0509 929	CK73B1H102KT +1608			
C441	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	C442	nsp	00D 257 0503 967	CC73CH1H150JT +1608			
	C443-451	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C455		00D 257 2015 903	CS77B1A100MT			
	C457	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C462		00D 257 2015 903	CS77B1A100MT			
	C463,464	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C465		00D 257 2015 903	CS77B1A100MT			
	C466	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C467	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C468	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C469		00D 257 2015 903	CS77B1A100MT			
	C601	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C603	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C605	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C606		00D 257 2015 903	CS77B1A100MT			
	C609-613	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C614,615		00D 254 4572 908	CE67C1C100MT(MV-B) +REF			
	C617,618		00D 254 4572 908	CE67C1C100MT(MV-B) +REF			
	C619,620	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C621,622	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
	C624-628	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C629	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C630	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C632		00D 257 3023 949	CF73=1C103JT(ECHUX)			
	C633		00D 257 3024 951	CF73=1C823JT(ECHUX)			
	C634	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
	C636	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C638	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C639,640	nsp	00D 257 0502 984	CC73CH1H6R0DT +1608			
	C642	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C643		00D 254 4464 906	CE67COJ101MT +REF			
	C644	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C645		00D 257 2015 903	CS77B1A100MT			
	C646-648	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C649		00D 257 2015 903	CS77B1A100MT			
	C650,651	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C652		00D 257 2015 903	CS77B1A100MT			
	C653		00D 254 4464 906	CE67COJ101MT +REF			
	C654	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C655		00D 257 2015 903	CS77B1A100MT			
	C656-658	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C659		00D 257 2015 903	CS77B1A100MT			
	C662,663	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C665		00D 257 2015 903	CS77B1A100MT			
	C666,667	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
	C669	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
	C670,671	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C672		00D 257 3018 912	CF73=1H821JT(ECHUX)			
	C673		00D 257 2015 903	CS77B1A100MT			
	C674	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C675		00D 257 3022 995	CF73=1C392JT(ECHUX)			
	C683-687	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C717	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C718	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C719		00D 257 2015 903	CS77B1A100MT			
	C720-723	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C724	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C726-729	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C730	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
	C731	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C732	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	C733	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
	C734	nsp	00D 257 0516 954	CK73B1E104KT +1608			
	C735	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	CC152-154	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	CC155-159	nsp	00D 257 0509 929	CK73B1H102KT +1608			
	CC160,161	nsp	00D 257 0506 951	CC73CH1H101JT +1608			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
CC162-168	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
CC169,170	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC171	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
CC172		00D 257 2015 903	CS77B1A100MT			
CC173	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC174	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
CC251,252	nsp	00D 257 0503 925	CC73CH1H100DT +1608			
CC253		00D 257 2015 903	CS77B1A100MT			
CC254,255	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC256,257	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
CC258,259	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC260	nsp	00D 257 0506 951	CC73CH1H101JT +1608			
CC261	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC262	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC263	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC355		00D 254 4604 944	CE67W1H010MT(P.CAP)			
CC365,366	nsp	00D 257 0510 918	CK73B1H332KT +1608			
CC369,370	nsp	00D 257 0508 917	CC73CH1H471JT +1608			
CC373,374	nsp	00D 257 0508 917	CC73CH1H471JT +1608			
CC451		00D 257 2015 903	CS77B1A100MT			
CC452	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC453,454	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC455		00D 257 2015 903	CS77B1A100MT			
CC456	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC457-459	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC460,461		00D 257 2015 903	CS77B1A100MT			
CC462	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC463,464	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC465		00D 257 2015 903	CS77B1A100MT			
CC466,467	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC468-470	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC472-476	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC601,602	nsp	00D 257 0506 977	CC73CH1H121JT +1608			
CC603-606	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC607-609		00D 254 4464 906	CE67C0J101MT +REF			
CC610	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC612	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC614	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC616	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC624		00D 254 4601 934	CE67W0J101MT(P.CAP) +REF			
CC625	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC626		00D 254 4601 934	CE67W0J101MT(P.CAP) +REF			
CC627	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC628,629		00D 254 4464 906	CE67C0J101MT +REF			
CC630		00D 254 4464 906	CE67C0J101MT +REF			
CC631		00D 254 4464 951	CE67C0J220MT(MV-B) +REF			
CC632		00D 254 4464 906	CE67C0J101MT +REF			
CC633		00D 254 4464 951	CE67C0J220MT(MV-B) +REF			
CC634		00D 254 4464 906	CE67C0J101MT +REF			
CC635		00D 254 4464 951	CE67C0J220MT(MV-B) +REF			
CC636		00D 254 4655 977	CE67C0J102MT (RV) +REF			
CC638		00D 254 4464 906	CE67C0J101MT +REF			
CC640		00D 254 4464 906	CE67C0J101MT +REF			
CC641	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC642		00D 254 4464 906	CE67C0J101MT +REF			
CC643-645		00D 254 4572 908	CE67C1C100MT(MV-B) +REF			
CC646		00D 254 4464 951	CE67C0J220MT(MV-B) +REF			
CC647		00D 254 4572 908	CE67C1C100MT(MV-B) +REF			
CC649-651	nsp	00D 257 0501 901	CK73B1H103KT (1608) +1608			
CC652	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC801	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC802		00D 257 2015 903	CS77B1A100MT			
CC803	nsp	00D 257 0503 996	CC73CH1H200JT +1608			
CC804		00D 254 4465 905	CE67C1C220MT +REF			
CC808-810	nsp	00D 257 0503 996	CC73CH1H200JT +1608			
CC811,812	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC814	nsp	00D 257 0516 954	CK73B1E104KT +1608			


Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
CC815		00D 257 2015 903	CS77B1A100MT			
CC816	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC818	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC821		00D 257 0039 907	CK73B0J106MT			
CC822	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC824	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC825-827	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC829	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC830,831	nsp	00D 257 0516 954	CK73B1E104KT +1608			
CC832	nsp	00D 257 0509 929	CK73B1H102KT +1608			
CC834,835	nsp	00D 257 0516 954	CK73B1E104KT +1608			
OTHERS PARTS GROUP						
CW101	nsp	00D 205 1326 003	10P SOCKET(9120)			
CW112,113	nsp	00D 205 1326 016	11P SOCKET(9120)			
CW137	nsp	00D 205 1326 032	13P SOCKET(9120)			
CW159	nsp	00D 205 1326 058	15P SOCKET(9120)			
CW911	nsp	00D 205 1326 016	11P SOCKET(9120)			
CW968	nsp	00D 205 1325 062	6P SOCKET(9120)			
CW976	nsp	00D 205 1325 075	7P SOCKET(9120)			
CX152	nsp	00D 205 1343 950	7P FFC BASE(9610SC)			
CX252	nsp	00D 205 1343 905	11P FFC BASE(9610SCA)			
CX937	nsp	00D 205 1154 932	3P ZH-ZR CON.BASE-T			
CY032	nsp	00D 205 1154 932	3P ZH-ZR CON.BASE-T			
CY043	nsp	00D 205 0863 949	4P PH CON.BASE(L) +REF			
CY061	nsp	00D 205 1072 946	6P PH CON.BASE +REF			
CY081	nsp	00D 205 1154 987	8P ZH-ZR CON.BASE(T) +REF			
CY110	nsp	00D 205 1257 949	11P FFC BASE (9610SD)			
CY181	nsp	00D 205 1378 909	18P FFC BASE(9610SD)			
FB151		00D 235 0181 907	ZBFS5105-PT			
FB152		00D 235 0130 903	CHIP EMIFIL(11A121) +1608			
JK401,402		00D 204 8719 005	19P HDMI CONNECTOR			
JK451		00D 204 8719 005	19P HDMI CONNECTOR			
JK841		00D 205 1362 009	XM/DT BUS CONNECTOR			
L401,402	nsp	00D 235 0125 905	INDUCTOR(FLC32C220K)+3216			
L404,405	nsp	00D 235 0125 905	INDUCTOR(FLC32C220K)+3216			
L451-453	nsp	00D 235 0125 905	INDUCTOR(FLC32C220K)+3216			
RL401,402		00D 214 0238 905	RELAY(UB2-12NUN-L1)			
W801	nsp	00D 205 1034 007	M3 SCREW TERMINAL			


EXPLODED VIEW (1/2) (MAIN UNIT)

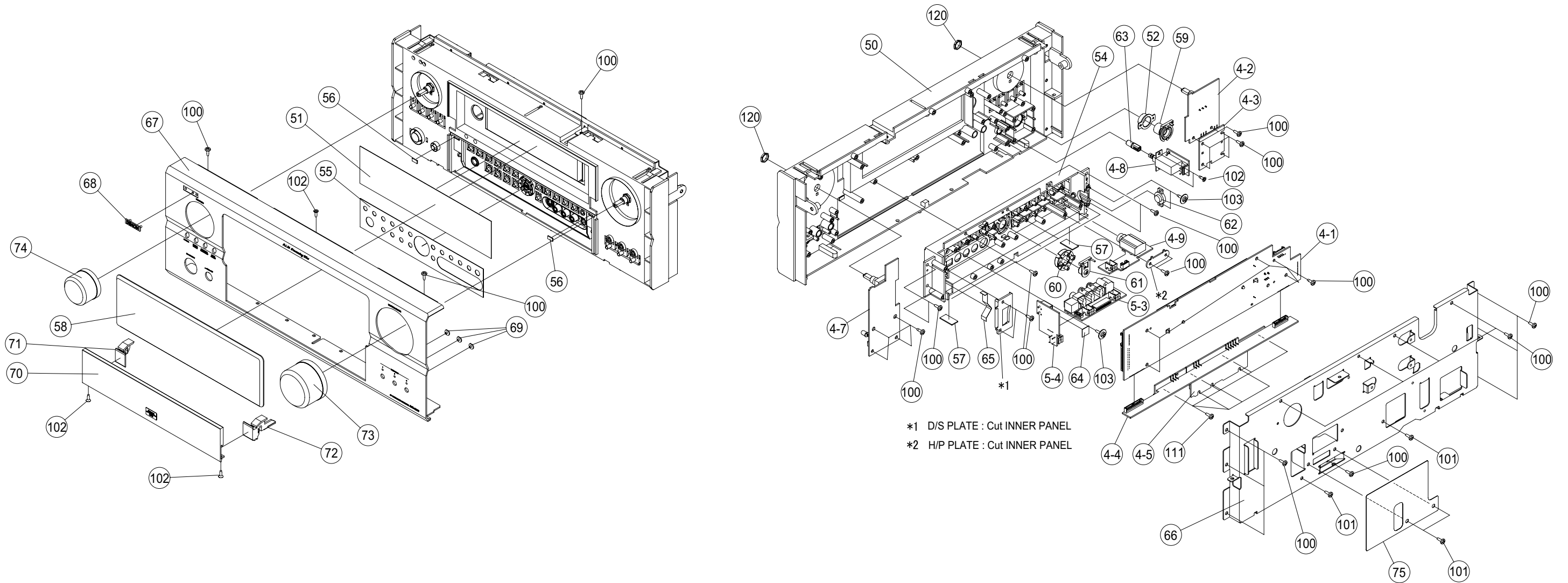


For details, refer to the FRONT PANEL EXPLODED VIEW.

EXPLODED VIEW (2/2) (FRONT PANEL UNIT)

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

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



PARTS LIST OF EXPLODED VIEW

* 本表に記載されている部品は、補修用部品のため製品に使用している部品とは一部、形状、寸法などが異なる場合があります。

* The parts listed below are for maintenance only, might differ from the parts used in the unit in appearances or dimensions.

* "nsp" 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、供給をお断りする場合があります。

* Part indicated with the mark "nsp" 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.

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

BKEU : U.S.A. model(Black)

SREU : U.S.A. model (Silver)

BKEC : Canada model(Black)

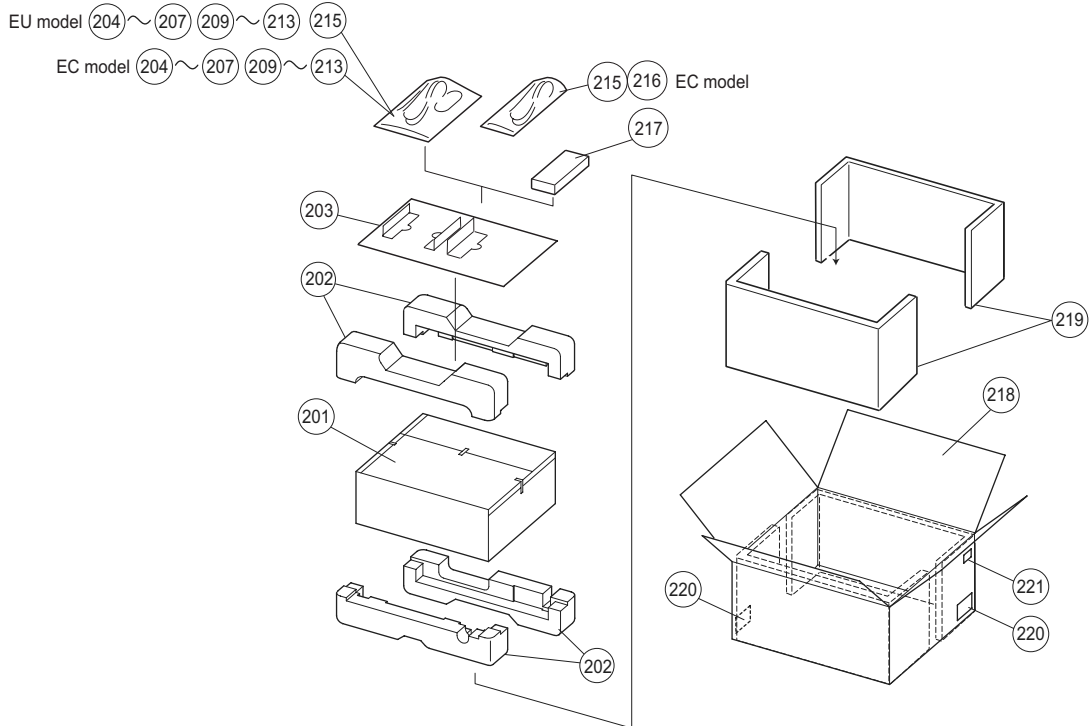
SREC : Canada model (Silver)

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
1	nsp	1U- 370 0	MAIN CPU UNIT			*
1-1		-	1U-3700-1:MAIN CPU UNIT		1	
1-2		-	1U-3700-2:DIGITAL IN UNIT			
1-3		-	1U-3700-3:EXT IN/PREOUT UNIT		1	
1-4		-	1U-3700-4:PRE CONNECT2 UNIT			
1-5		-	1U-3700-5:WIRE COVER UNIT			
2	nsp	1U- 370 1	POWER AMP UNIT			*
2-1		-	1U-3701-1:POWER AMP UNIT		1	
2-2		-	1U-3701-2:PRIMARY UNIT		1	
2-5		-	1U-3701-5:FFC COVER UNIT		1	
2-6		-	1U-3701-6:STYLE PIN UNIT			
3		1U- 370 2	P.SUPPLY UNIT			*
3-1		-	1U-3702-1:P.SUPPLY UNIT		1	
3-2		-	1U-3702-2:CONNECT UNIT		1	
3-3		-	1U-3702-3:VOL AMP UNIT		1	
3-4		-	1U-3702-4:PRE CONNECT UNIT		1	
4	nsp	1U- 370 3	FRONT UNIT			*
4-1		-	1U-3703-1:FLD UNIT		1	
4-2		-	1U-3703-2:FUNC. UNIT		1	
4-3		-	1U-3703-3:P.KEY UNIT		1	
4-4		-	1U-3703-4:JOINT UNIT		1	
4-5		-	1U-3703-5:TACT-1 UNIT		1	
4-6		-	1U-3703-6:TACT-2 UNIT			
4-7		-	1U-3703-7:VOL UNIT		1	
4-8		-	1U-3703-8:P.SW UNIT			
4-9		-	1U-3703-9:H/P UNIT		1	
4-10		-	1U-3703-10:CVBS UNIT		1	
4-11		-	1U-3703-11:V-CONN1 UNIT		1	
4-12		-	1U-3703-12:V-CONN2 UNIT		1	
4-13		-	1U-3703-13:232C UNIT		1	
4-14		-	1U-3703-14:EXT.CONNECT UNIT		1	
5	nsp	1U- 370 4	AUDIO/VIDEO UNIT			*
5-1		-	1U-3704-1:AUDIO UNIT		1	
5-2		-	1U-3704-2:D.LINK UNIT		1	
5-3		-	1U-3704-3:FRONT IN UNIT		1	
5-4		-	1U-3704-4:MIC UNIT		1	
5-5		-	1U-3704-5:COMP-VIDEO UNIT		1	
5-6		-	1U-3704-6:S-VIDEO UNIT		1	
5-8		-	1U-3704-8:DSP REG. UNIT		1	
6		1U- 370 5	DIGITAL UNIT		1	*
11	nsp	00D 411 2089 009	MAIN CHASSIS		1	*
12	nsp	00D 412 5270 009	TRANS PLATE		1	*
13	nsp	00D 412 4210 002	BRACKET		2	
14	nsp	00D 412 5273 006	R BRACKET BASE		1	*
15	nsp	00D 412 4716 014	SUPPORT BRACKET		1	
16	nsp	00D 104 0334 007	FOOT		4	
17	nsp	00D 461 0385 001	RUBBER PAD		4	
18	nsp	00D 412 3548 005	P.W.B CATCHER		3	
19	nsp	00D 417 0693 000	RADIATOR		1	*
20	nsp	00D 417 0692 001	CU PLATE		1	*
23	nsp	00D 412 4127 001	PWB BRACKET (B)		2	
24	nsp	00D 412 5271 008	RADIATOR BRACKET (F)		1	*

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New	
25	nsp	00D 412 5272 007	RADIATOR BRACKET (R)		1	*	
26	nsp	00D 412 2814 028	CARD SPACER(L=10)		16		
27	nsp	00D 415 0980 005	INSULATING SHEET(B)		1	*	
28	nsp	00D 479 0003 038	PUSH RIVET		3		
29	nsp	00D 105 1654 006	BACK PANEL		1	*	
30	nsp	00D 449 0202 032	LOCKING CARD SPACER		1		
31	nsp	00D 205 1116 006	TERMINAL ASS		1		
32		00D 216 0124 002	AM FM TUNER(E3)	BKEU,SREU,BKEC,SREC,EUT	1		
33		00D 203 3996 008	AC INLET (2P)		1		
34		00D 233 6523 000	POWER TRANS(3806E3)		1	*	
35	nsp	00D 461 0415 007	RUBBER SHEET		2		
36	nsp	00D 415 0979 003	INSULATING SHEET(A)		1	*	
37	nsp	00D 461 1227 016	RUBBER FOAM		1	*	
38	nsp	00D 461 1182 070	RUBBER SHEET		2	*	
39	nsp	00D 461 0573 033	RUBBER SHEET		1		
40	nsp	00D GEN 8016	TOP COVER	BKEU,BKEC	00D1020671065	1	*
40	nsp	00D GEN 8616 -1	TOP COVER	SREU,SREC	00D1020671078	1	*
41	nsp	00D 146 2361 001	SCREW COVER		1		
45		00D 278 0013 001	DHCT-A3/C3		7	*	
45-1		-	DHCT-A3	TR103,104,203,303,304,403,404	00D2720172009	1	*
45-2		-	DHCT-C3	TR101,102,201,301,302,401,402	00D2740210006	1	*
50		00D 146 2444 009	INNER PANEL	BKEU,BKEC	1	*	
50		00D 146 2444 012	INNER PANEL	SREU,SREC	1	*	
51		00D 143 1216 006	DISPLAY SHEET		1		
52		00D 143 1189 007	POWER LENS		1		
54		00D 146 2347 203	INNER FRAME	BKEU,BKEC	1	*	
54		00D 146 2347 216	INNER FRAME	SREU,SREC	1	*	
55		00D 143 1234 004	DOOR SHEET	BKEU,BKEC	1	*	
55		00D 143 1234 017	DOOR SHEET	SREU,SREC	1	*	
56	nsp	00D 461 1182 012	RUBBER SHEET		2		
57	nsp	00D 461 1182 009	RUBBER SHEET		2		
58		00D 143 1233 306	WINDOW	BKEU,BKEC	1	*	
58		00D 143 1233 319	WINDOW	SREU,SREC	1	*	
59		00D 113 1992 109	P.KNOB ASSY(SUB)	BKEU,BKEC	1		
59		00D 113 1992 112	P.KNOB ASSY(SUB)	SREU,SREC	1		
60		00D 113 1996 202	CURSOR KNOB	BKEU,BKEC	1		
60		00D 113 1996 215	CURSOR KNOB	SREU,SREC	1		
61		00D 113 1995 009	ENTER KNOB	BKEU,BKEC	1		
61		00D 113 1995 012	ENTER KNOB	SREU,SREC	1		
62		00D 421 0763 010	GEAR DAMPER		1		
63		00D 113 1994 107	P.KNOB ASSY(MAIN)	BKEU,BKEC	1		
63		00D 113 1994 110	P.KNOB ASSY(MAIN)	SREU,SREC	1		
64	nsp	00D 461 1186 005	SPACER		1		
65	nsp	00D 412 5083 102	DOOR STOPPER		1		
66	nsp	00D 411 2088 000	FRONT CHASSIS		1	*	
67		00D 144 2969 009	FRONT PANEL	BKEU,BKEC	1	*	
67		00D 144 2969 012	FRONT PANEL	SREU,SREC	1	*	
68	nsp	00D 131 0158 007	DENON BADGE	BKEU,BKEC	1		
68	nsp	00D 131 0158 023	DENON BADGE	SREU,SREC	1		
69	nsp	00D 143 1232 006	LENS		3	*	
70		00D 144 2875 106	DOOR ASS'Y	BKEU,BKEC	1		
70		00D 144 2875 119	DOOR ASS'Y	SREU,SREC	1		
71		00D 401 0195 202	HINGE (L)	BKEU,BKEC	1		
71		00D 401 0195 215	HINGE (L)	SREU,SREC	1		
72		00D 401 0196 201	HINGE (R)	BKEU,BKEC	1		
72		00D 401 0196 214	HINGE (R)	SREU,SREC	1		
73		00D 112 0929 002	KNOB (M) ASS'Y	BKEU,BKEC	1		
73		00D 112 0929 015	KNOB (M) ASS'Y	SREU,SREC	1		
74		00D 112 0931 003	KNOB (F) ASS'Y	BKEU,BKEC	1		
74		00D 112 0931 016	KNOB (F) ASS'Y	SREU,SREC	1		
75	nsp	00D 415 0982 003	FFC COVER		1	*	
*	nsp	00D 513 4104 000	FUSE CAUTION LABEL		1	*	
*	nsp	00D 445 8004 007	WIRE CLAMPER		9		
*	nsp	00D 203 2440 018	2P VA CORD		1		
*	nsp	00D 513 3333 005	LABEL (TRANS)		1		
*	nsp	00D GEN 8011	LICENSE SUB ASSY		1	*	
*	nsp	00D 113 1945 004	RJ45 DUST COVER		1		

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
*	nsp	00D 513 1581 011	SERIAL NO. SHEET		1	
SCREW						
100	nsp	00D 473 7500 015	3X8 CBTS (P)-Z		39	
101	nsp	00D 473 7002 018	3X8 CBTS (S)-Z		19	
102	nsp	00D 473 7500 028	3X8 CFTS (P)-Z		5	
103	nsp	00D 477 0262 019	SPECIAL SCREW		3	
104	nsp	00D 473 7002 005	3X6 CBTS(S)-Z		4	
105	nsp	00D 473 7003 017	3X8 CFTS (S)-B		2	
106	nsp	00D 473 7004 016	4X6 CBTS (S)-Z		8	
107	nsp	00D 473 7015 005	3X6 CBTS(S)-B		26	
108	nsp	00D 473 7015 018	3X8 CBTS (S)-B		8	
109	nsp	00D 473 7501 001	3X10 CBTS (P)-Z		5	
110	nsp	00D 473 7501 030	3X20 CBTS (P)-Z		3	
111	nsp	00D 473 7531 000	3X8 CPTS(P)-Z		7	*
112	nsp	00D 473 8034 030	3X10 CBTS(B)-Z		6	
113	nsp	00D 473 8034 056	3X14 CBTS(B)Z		12	
114	nsp	00D 473 8034 098	3X10 CBTS(B)-B		5	
115		00D 473 8064 000	4X8 CBTS(B)-B-3P	BKEU,BKEC	6	
115		00D 473 8064 013	4X8 CBTS(B)-N-3P	SREU,SREC	6	
116		00D 477 0064 107	FIXING SCREW		44	
117	nsp	00D 477 0153 018	3X16 CPTS(B) SW W		14	
118	nsp	00D 477 0312 008	4X8 TP SCREW		4	
119		00D 471 8010 100	SPECIAL SCREW		1	
120		-	9 NUT		2	
*	nsp	00D 203 2437 047	2P VA-VA CON.CORD		1	*
*	nsp	00D 203 5373 001	3P PH-PH CON.CORD		1	*
*	nsp	00D 203 5374 000	3P PH-ZH CON.CORD		1	*
*	nsp	00D 203 5375 009	3P PH-PH CON.CORD		1	*
*	nsp	00D 203 5376 008	3P PH-PH CON.CORD		1	*
*	nsp	00D 203 6634 008	4P PH-PH CON.CORD		1	*
*	nsp	00D 203 8572 003	5P PH-PH CON.CORD		1	*
*	nsp	00D 203 8573 002	5P PH-PH CON.CORD		1	*
*	nsp	00D 204 0601 001	6P PH-PH CON.CORD		1	*
*	nsp	00D 204 2999 009	7P PH-PH CON.CORD		1	*
*	nsp	00D 204 3000 007	8P PH-ZH CON.CORD		1	*
*		00D 009 0269 000	15P FFC (1.25)		1	*
*		00D 009 0271 001	25P FFC CABLE(1.25)		1	*
*		00D 009 0271 014	17P FFC CABLE(1.25)		1	*
*		00D 009 0272 000	11P FFC CABLE(1.00)		1	*
*		00D 009 0272 013	18P FFC CABLE(1.00)		1	*
*	nsp	00D 203 5377 007	3P ZH-ZH CON.CORD		1	*
*		00D 009 0269 013	25P FFC (1.25)		1	*

PACKING VIEW



PARTS LIST OF PACKING & ACCESSORIES

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

BKEU : U.S.A. model(Black) SREU : U.S.A. model (Silver) BKEC : Canada model(Black) SREC : Canada model (Silver)

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
201	nsp	00D 504 0192 106	CABINET SHEET		1	
202	nsp	00D 503 1330 304	CUSHION ASSY		1	*
203	nsp	00D 501 2262 006	PAD		1	
204	nsp	00D 505 8006 019	ENVELOPE		1	
205		00D 511 4398 001	INST. MANUAL(EU)		1	*
205		00D 511 4403 006	INST. MANUAL(EC)	BKEC,SREC	1	*
206	nsp	00D 513 4107 007	XM SHEET		1	*
207		—	S.S.LIST(EX)		1	
209		—	WARRANTY (HOME)		1	
210		00D 321 0038 005	DM-S205		1	
211		—	BATTERY(LR6KE2PT)		1	
212		00D 231 0922 009	LOOP ANTENNA		1	
213		00D 395 0029 002	FM ANT ASS'Y(F/ETRO)		1	
215		00D 206 2220 004	AC CORD SET (E3)		1	
216		00D 505 0038 072	POLY COVER	BKEC,SREC	1	
217		00D 399 1042 006	RC-1024		1	*
218	nsp	00D 501 2315 005	CARTON CASE		1	*
219	nsp	00D 501 1950 199	SPACER		2	
220		—	CONT. CARD (L)		1	
221		—	UPC LABEL		1	
225	nsp	00D 513 9111 056	COLOR LABEL (SILVER)	SREU,SREC	2	

NOTE FOR SCHEMATIC DIAGRAM

WARNING:

Parts marked with this symbol \triangle 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:

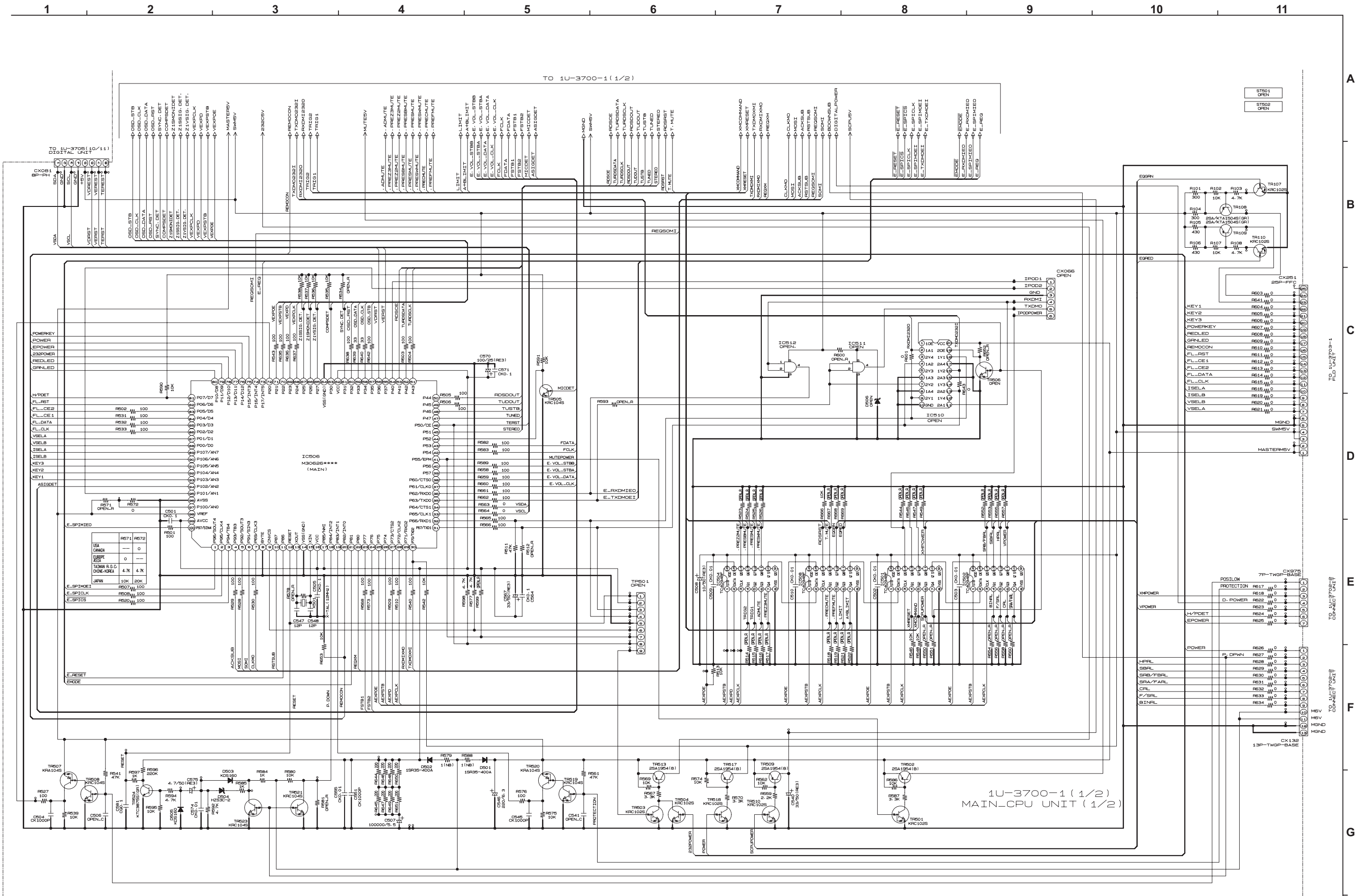
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM
M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD.
P=MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASURED AT
NO SIGNAL INPUT CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE
WITHOUT PRIOR NOTICE.

配線図について

\triangle 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。

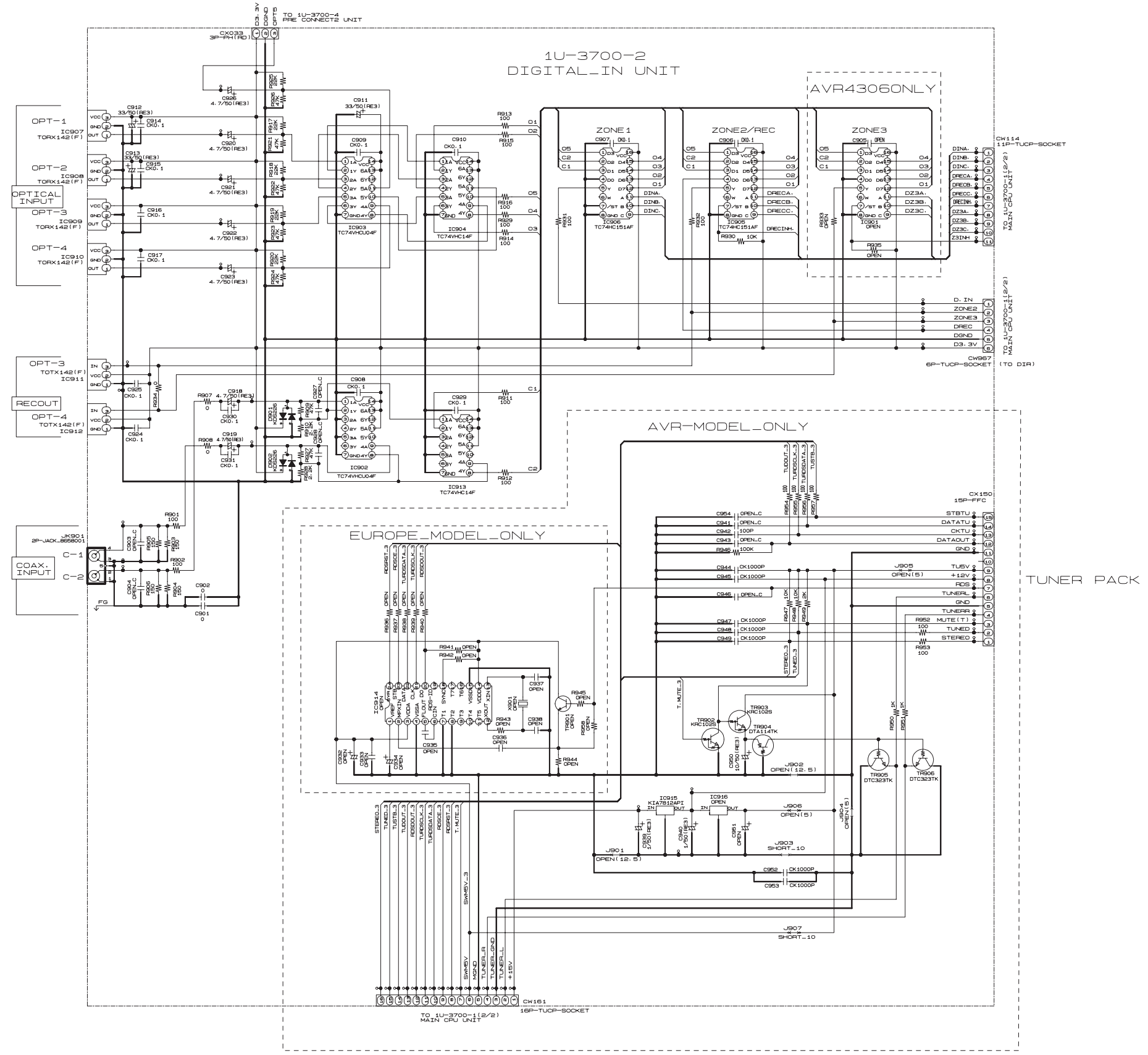
注)

- (1) 指定なき抵抗値は Ω 、k は k Ω 、M は M Ω 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 (1/31)
1U-3700-1 MAIN_CPU UNIT (1/2)

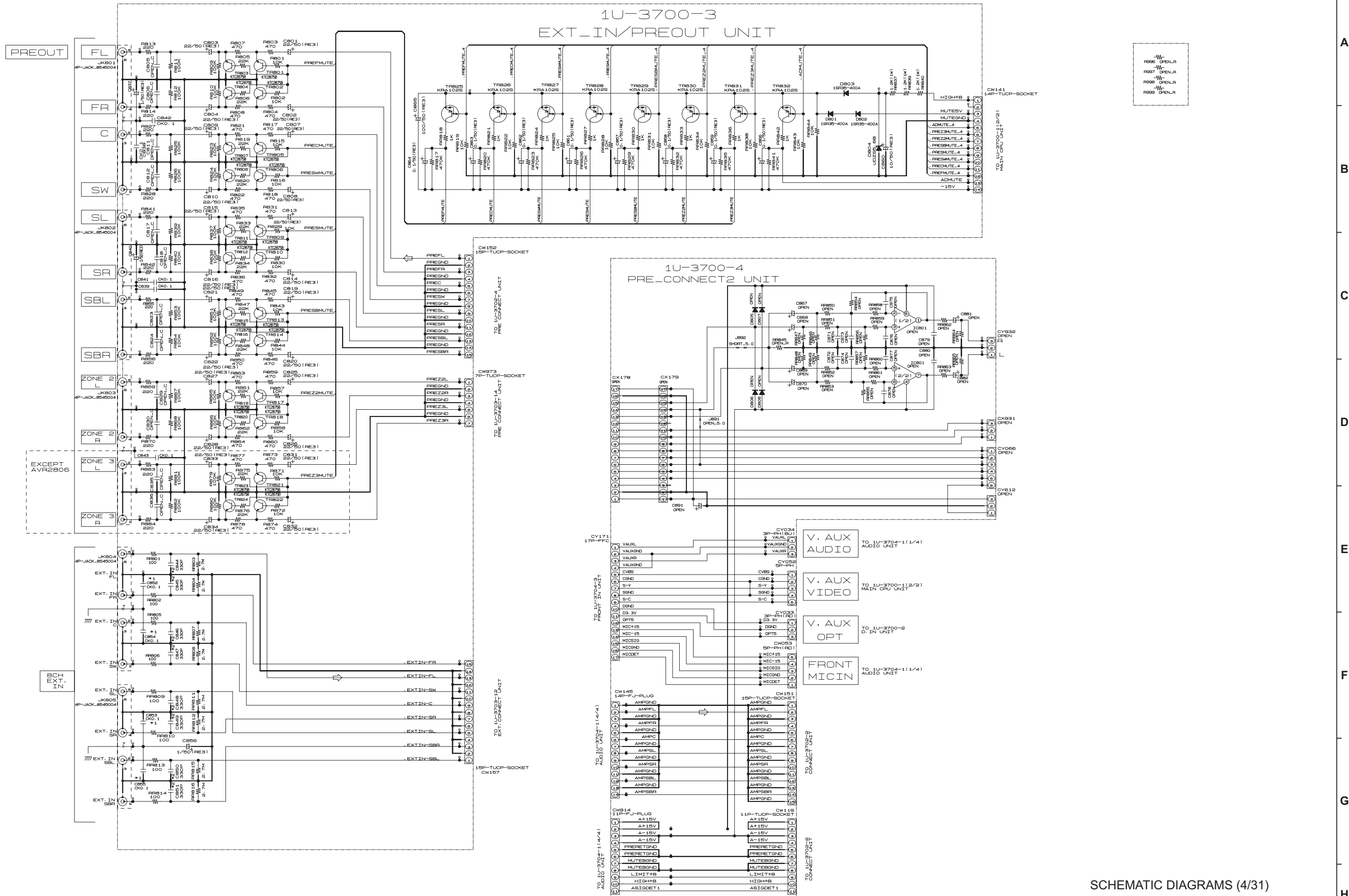
1 2 3 4 5 6 7 8 9 10 11



SCHEMATIC DIAGRAMS (3/31)
1U-3700-2 DIGITAL IN UNIT

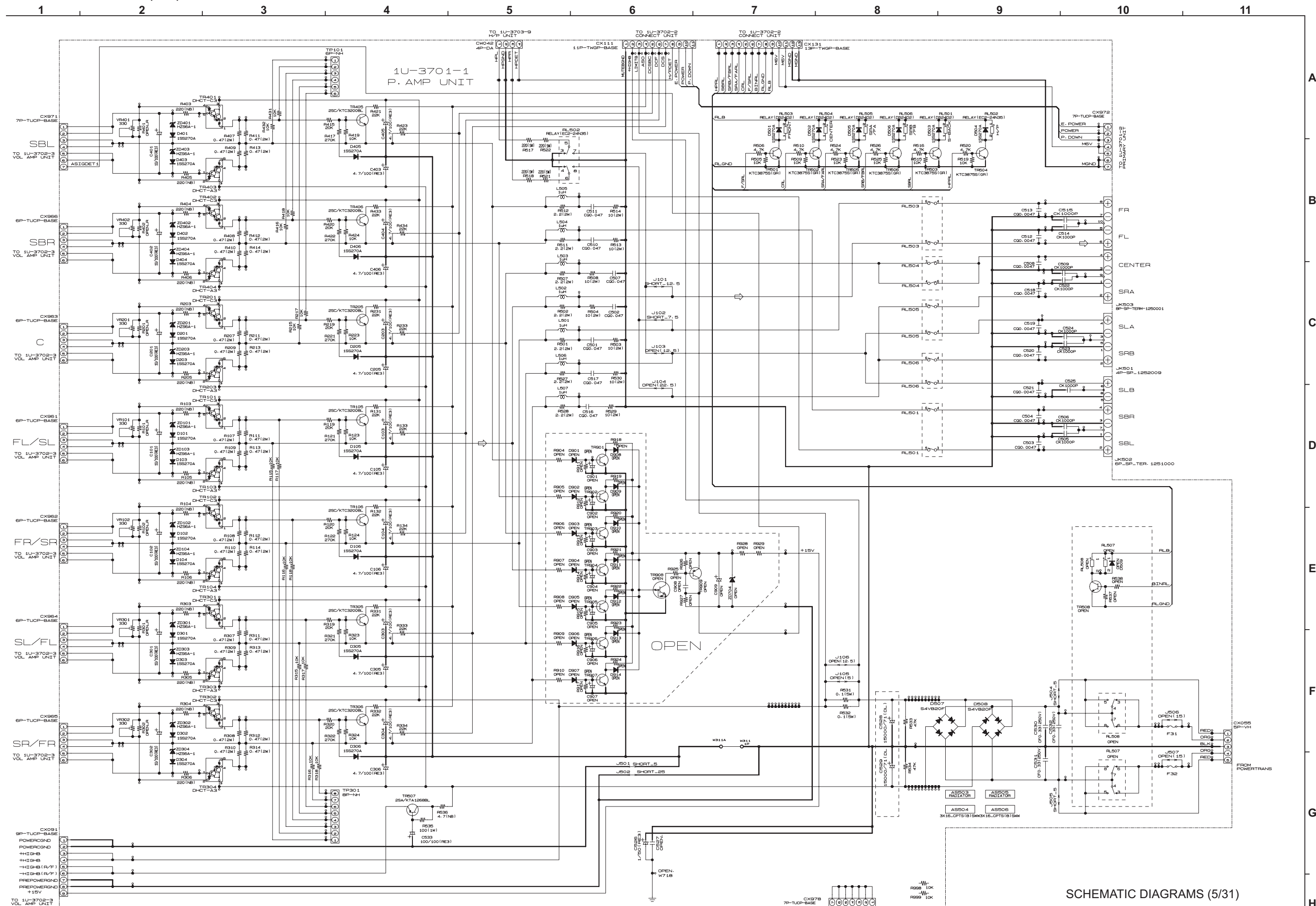
SCHEMATIC DIAGRAMS (4/31)

1 2 3 4 5 6 7 8 9 10 11



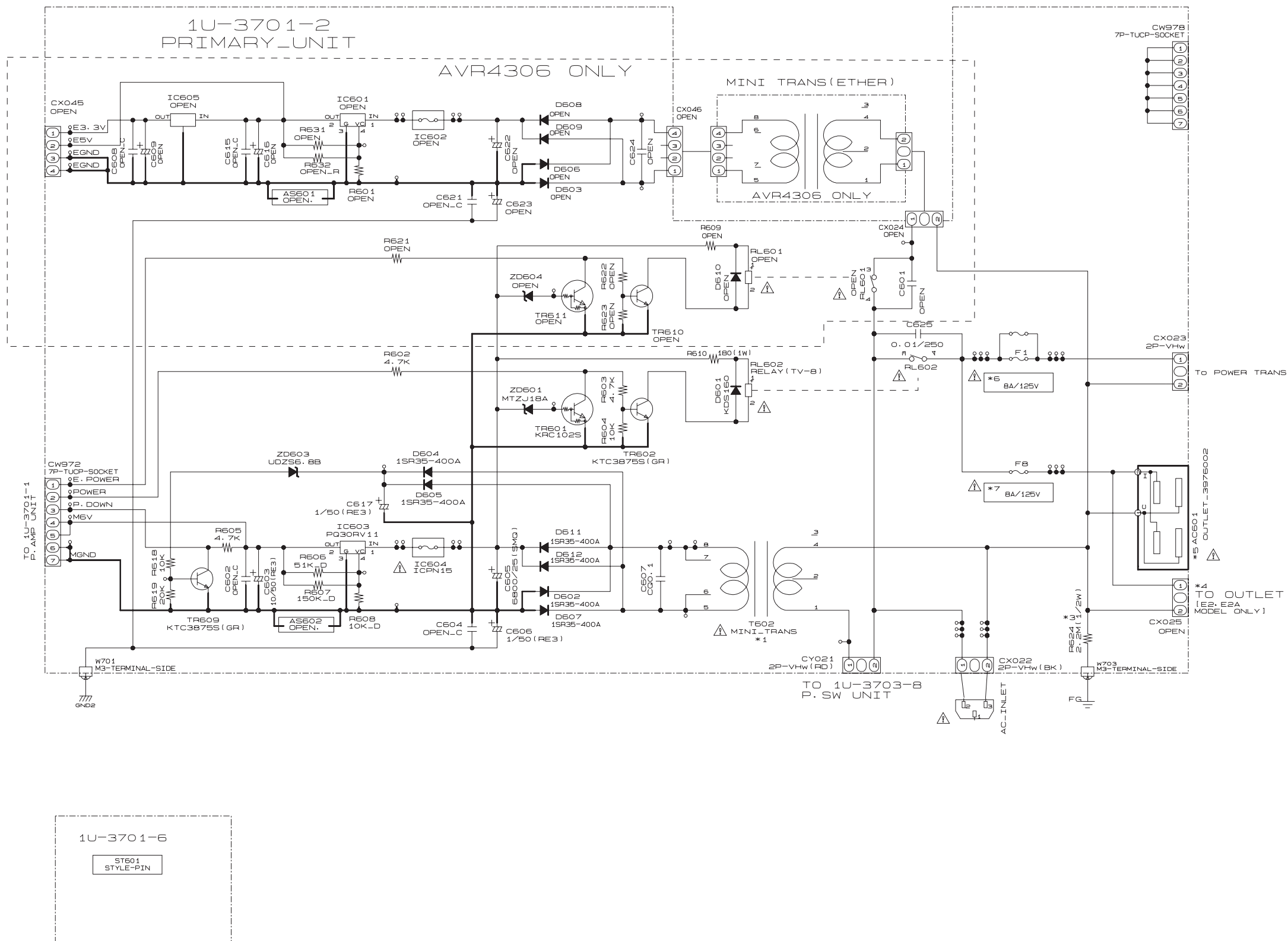
SCHEMATIC DIAGRAMS (4/31)
1U-3700-3 EXT IN / PREOUT UNIT
1U-3700-4 PRE CONNECT2 UNIT

SCHEMATIC DIAGRAMS (5/31)



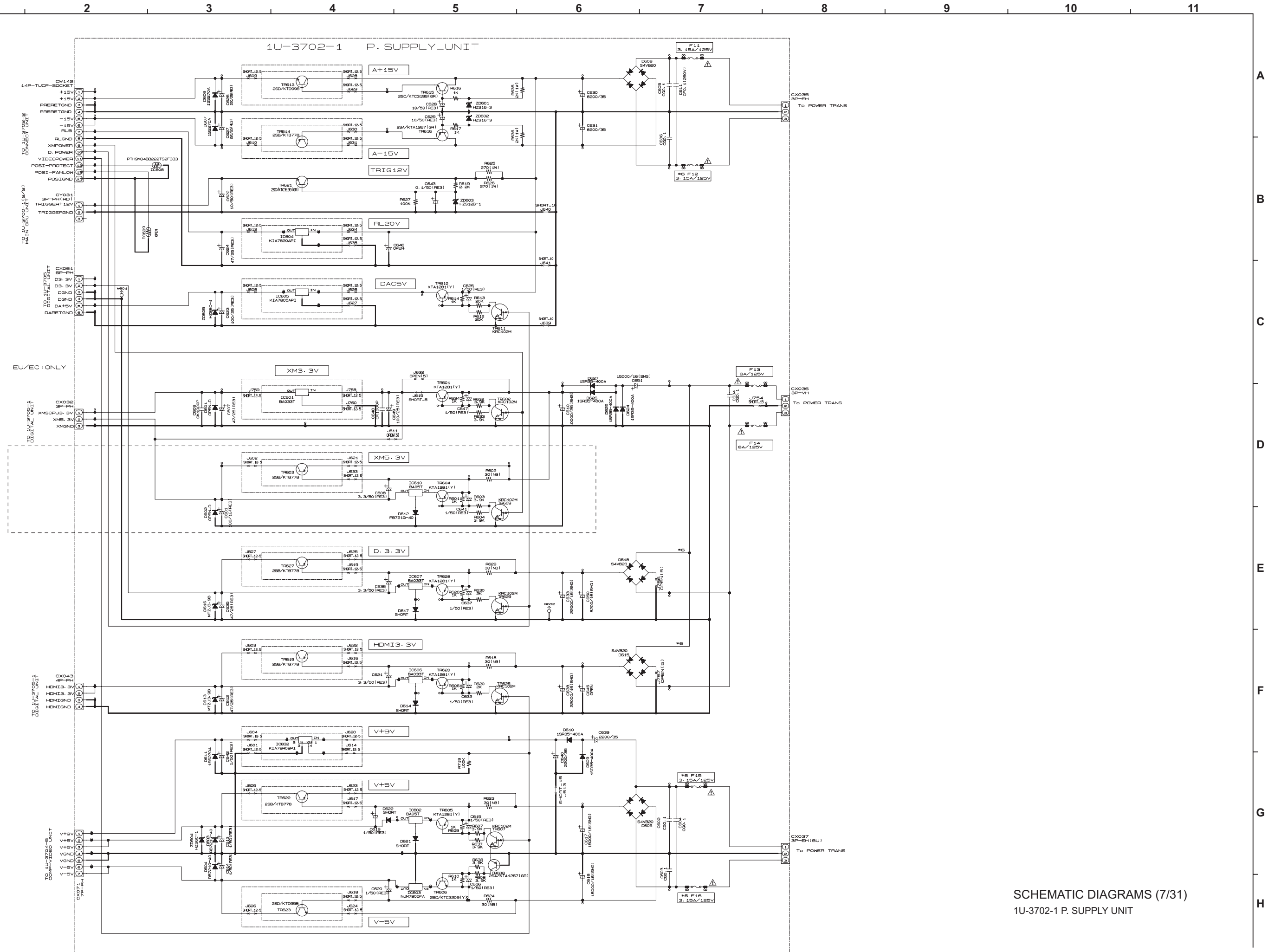
SCHEMATIC DIAGRAMS (5/31)
1U-3701-1 POWER AMP UNIT

1 2 3 4 5 6 7 8 9 10 11

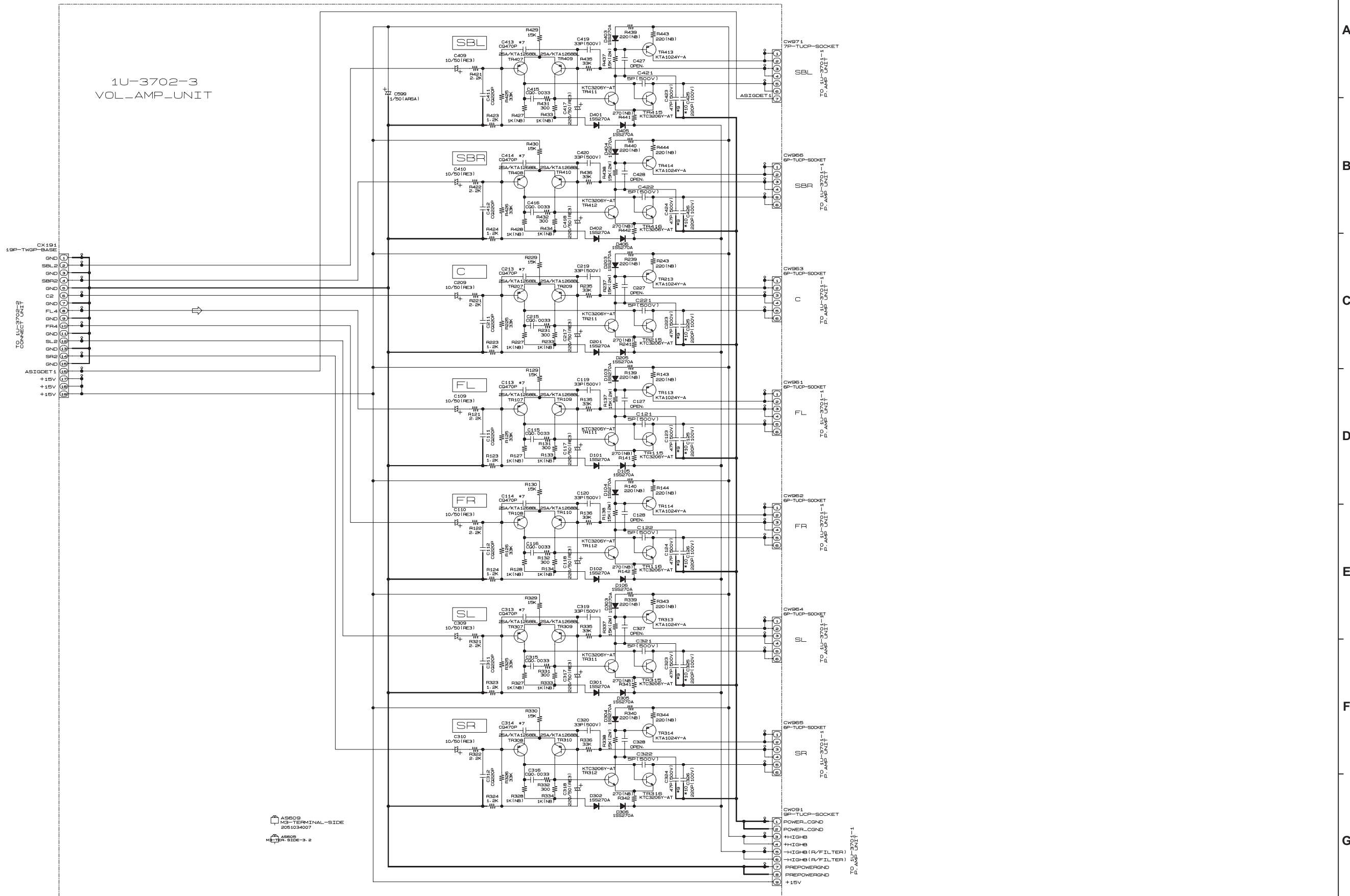


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SCHEMATIC DIAGRAMS (6/31)
1U-3701-2 PRIMARY UNIT
1U-3701-6 STYLE PIN UNIT

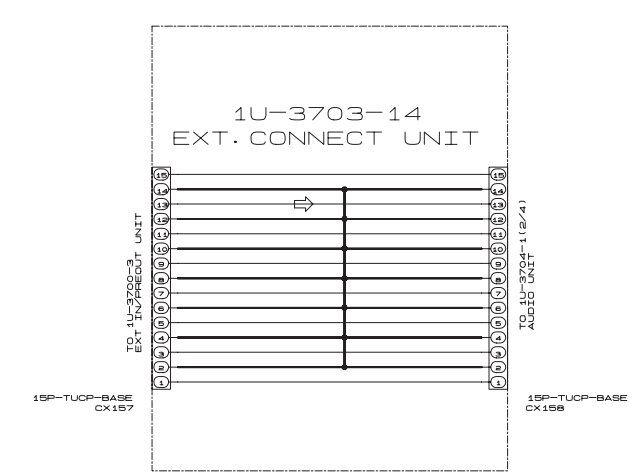
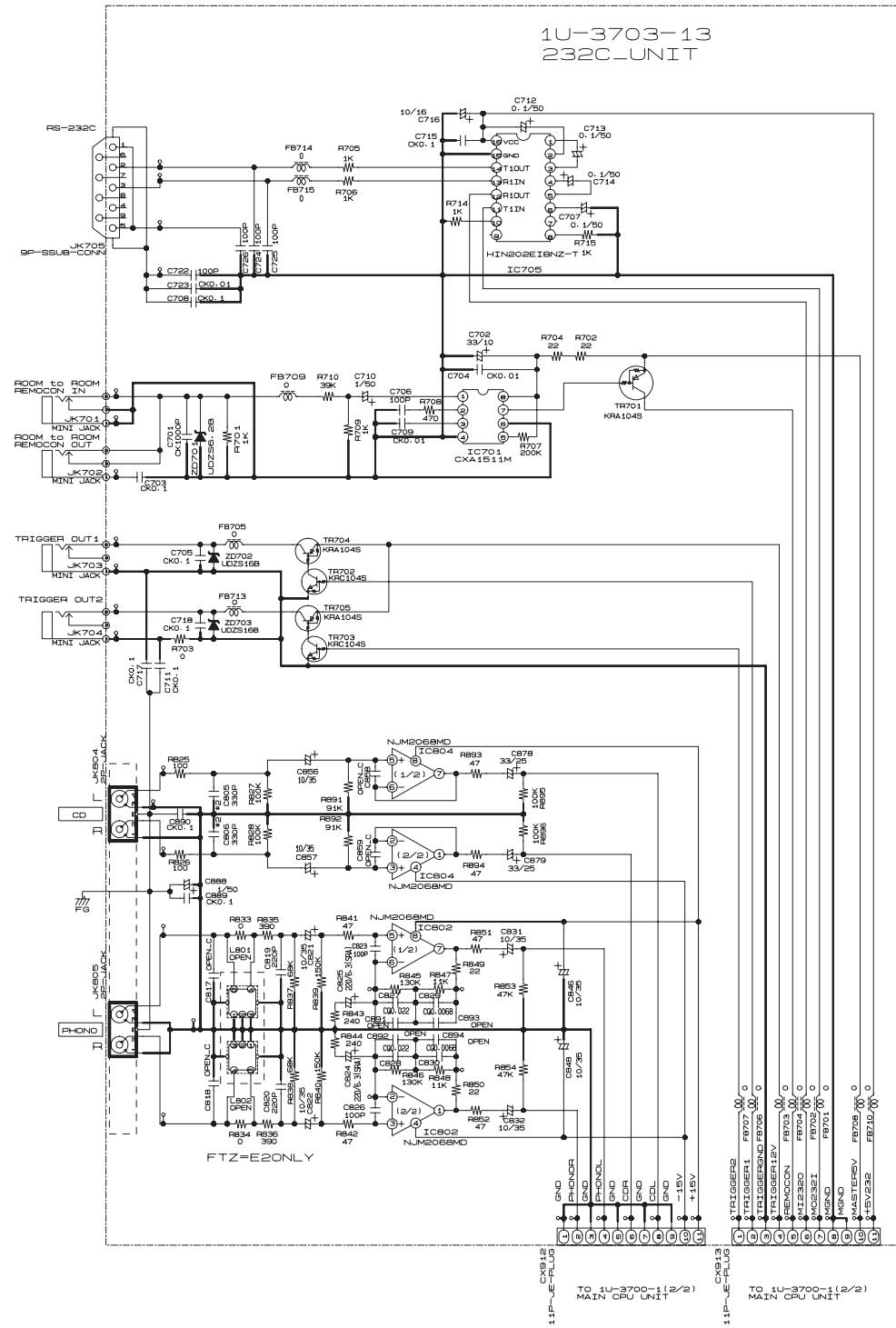


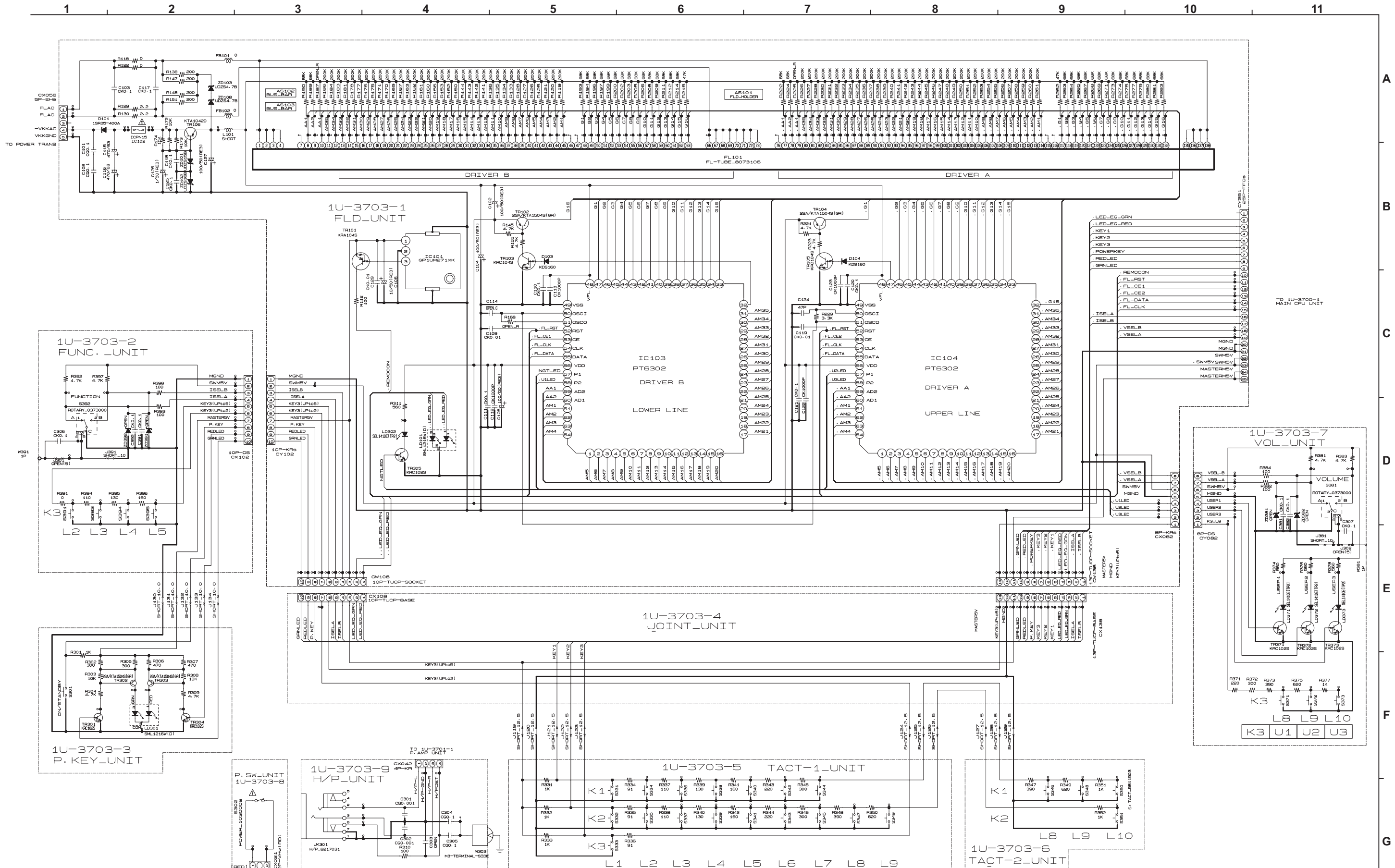
SCHEMATIC DIAGRAMS (7/31)
1U-3702-1 P. SUPPLY UNIT



SCHEMATIC DIAGRAMS (9/31)
1U-3702-3 VOLAMP UNIT

1 2 3 4 5 6 7 8 9 10 11



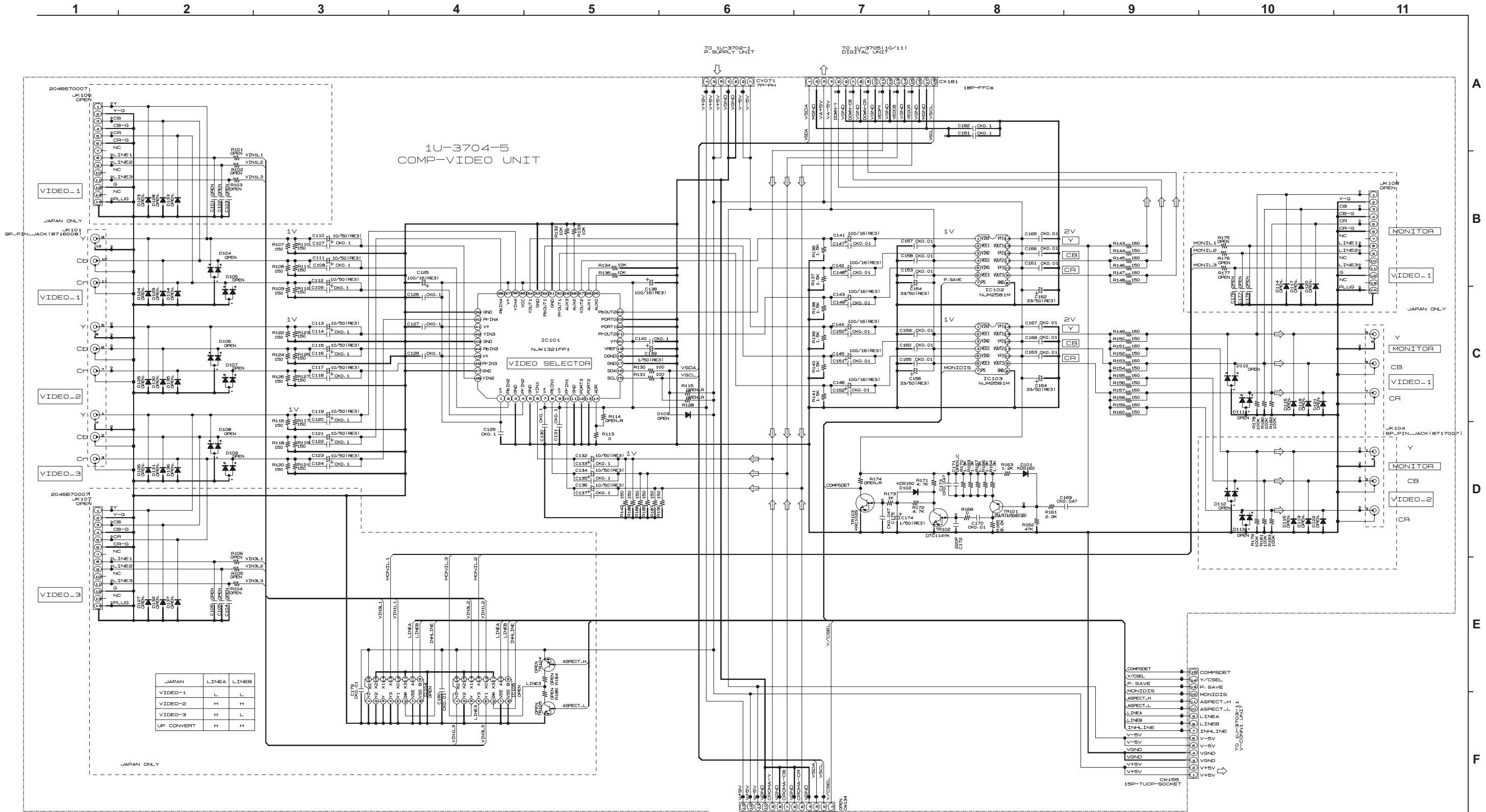


	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10
K1	PURE DIRECT	STAN DARD	SCH7CH STEREO	DSP SIMU.	LEFT	UP	SUPR. PARA.	ZONE/ RECSEL	VIDEO SELECT	STATUS
K2	DIRECT	MODE	ANALOG	EXT. IN	SYSTEM SETUP	DOWN	ENTER	RIGHT	SUPR. BACK	EQ ON/OFF
K3	STEREO	SOURCE	TUNING PRESET	ZONE/ RECSEL	VIDEO SELECT	---	---	---	USER1	USER2

SOURCE	TUNING PRESET	ZONE/ RECSEL	VIDEO SELECT	PURE DIRECT	DIRECT	STEREO	STAN DARD	SCH7CH STEREO	DSP SIMU.	UP	SUPR. PARA.	ZONE/ RECSEL	VIDEO SELECT	STATUS	EQ ON/OFF	USER1	USER2	USER3
										LEFT	ENTER	RIGHT						
										MODE	ANALOG	EXT. IN	SYSTEM SETUP	DOWN	SUPR. BACK			

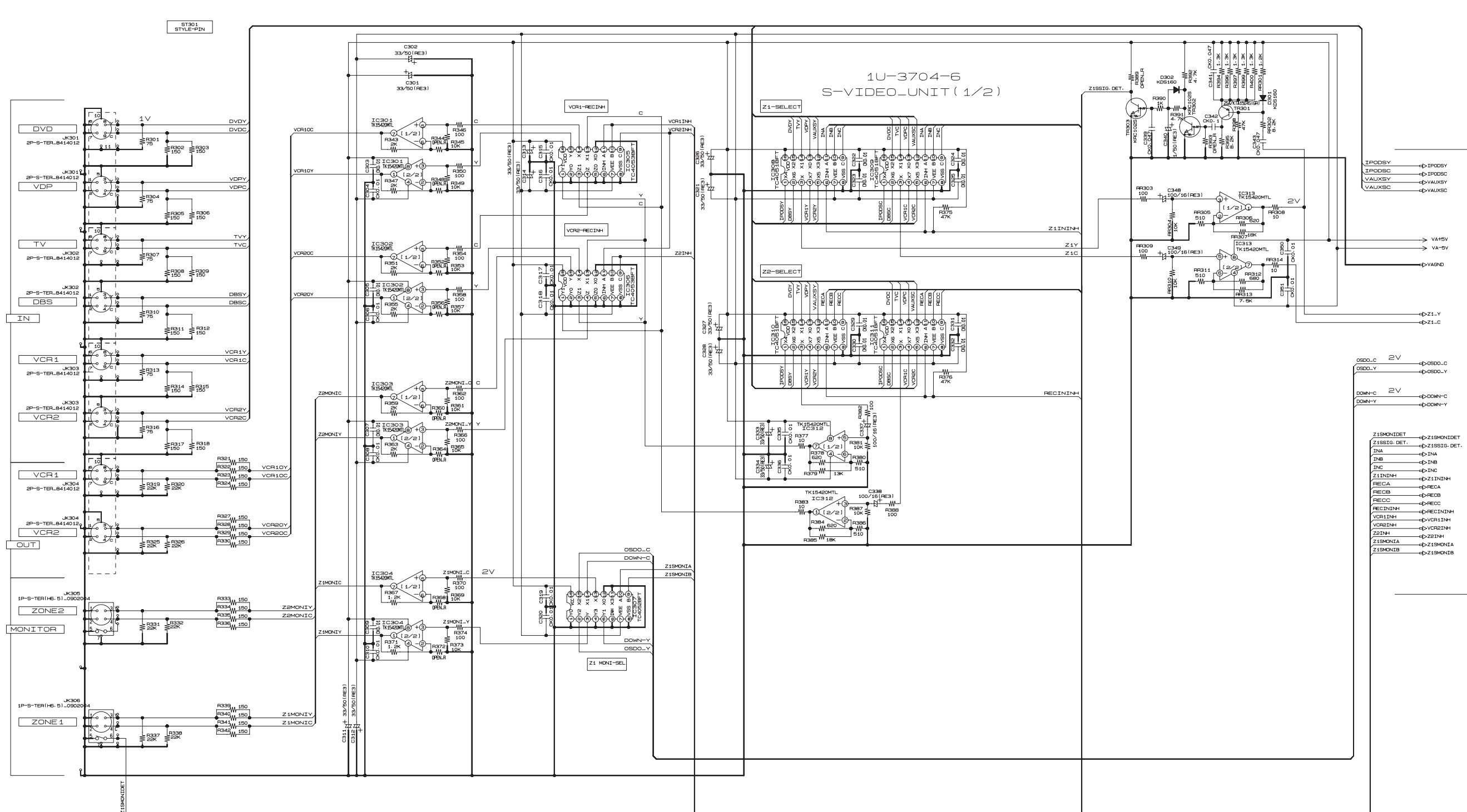
SCHEMATIC DIAGRAMS (12/31)

- 1U-3703-1 FLD UNIT
- 1U-3703-2 FUNC. UNIT
- 1U-3703-3 P. KEY UNIT
- 1U-3703-4 JOINT UNIT
- 1U-3703-5 TACT-1 UNIT
- 1U-3703-6 TACT-2 UNIT
- 1U-3703-7 VOL UNIT
- 1U-3703-8 P. SW UNIT
- 1U-3703-9 H/P UNIT



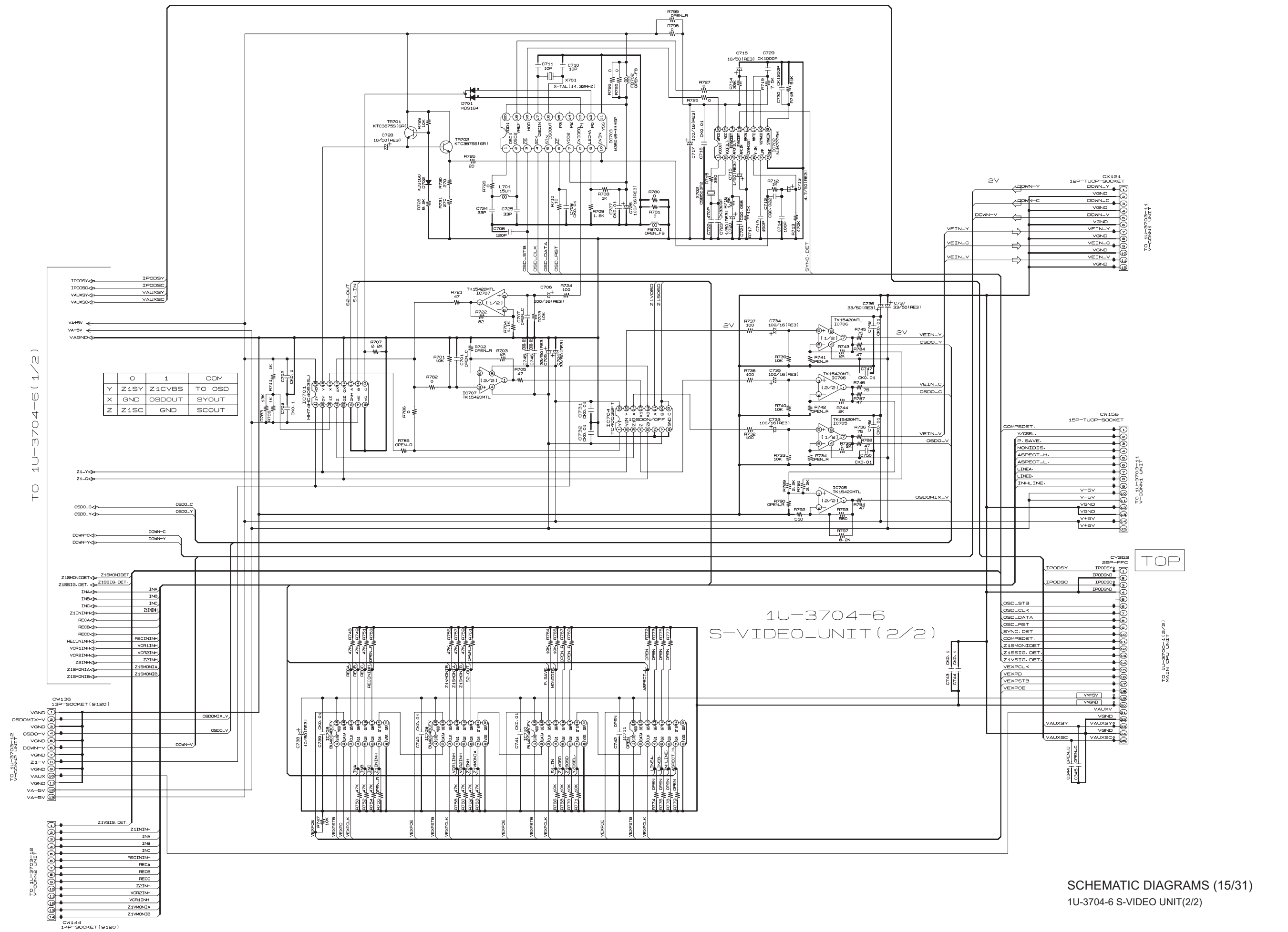
SCHEMATIC DIAGRAMS (13/31)
1U-3704-5 COMP-VIDEO UNIT

1 2 3 4 5 6 7 8 9 10 11

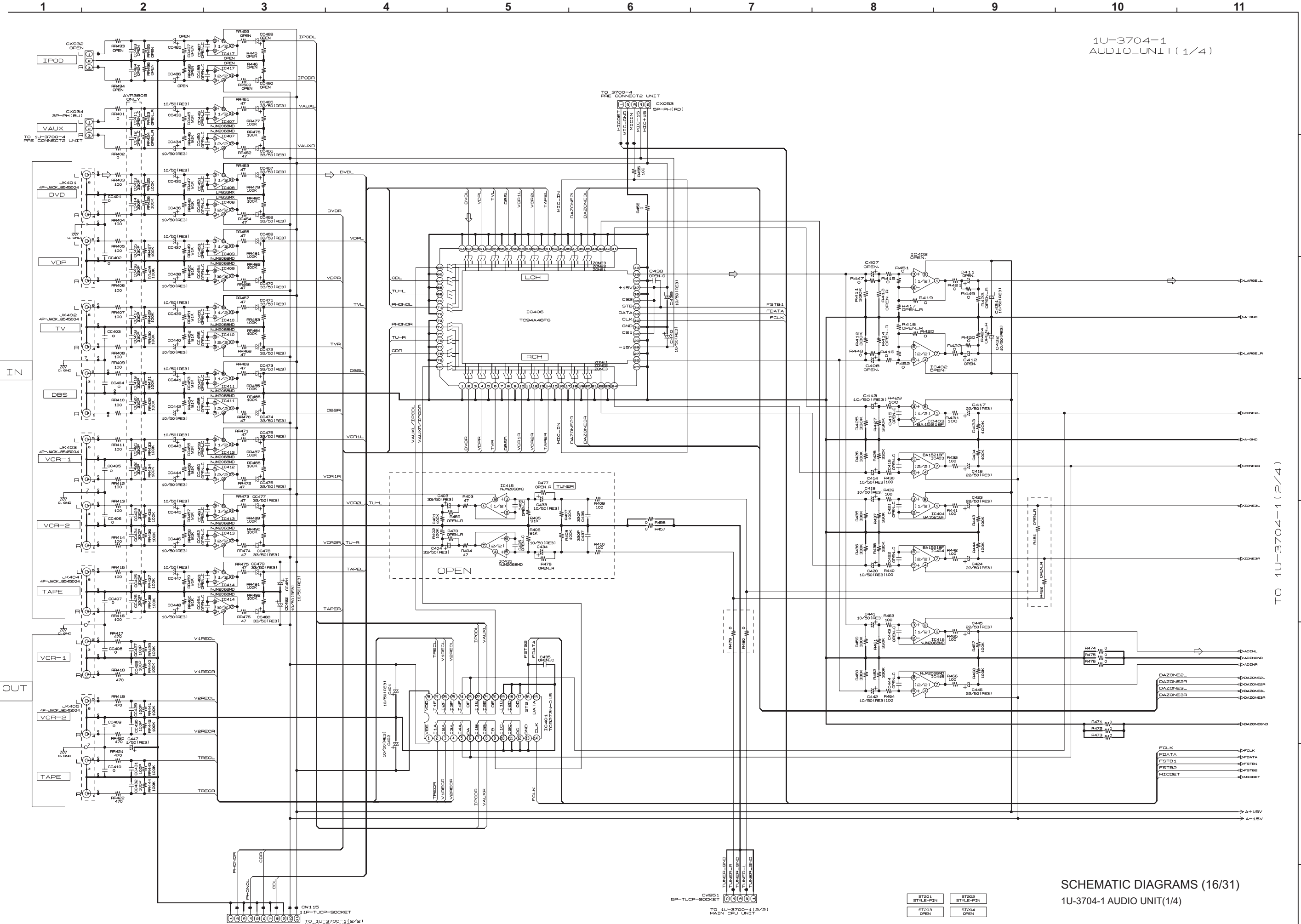


TO 1U-3704-6 (2/2)

1 2 3 4 5 6 7 8 9 10 11



SCHEMATIC DIAGRAMS (15/31)
1U-3704-6 S-VIDEO UNIT(2/2)



1U-3704-1
AUDIO-UNIT (1/4)

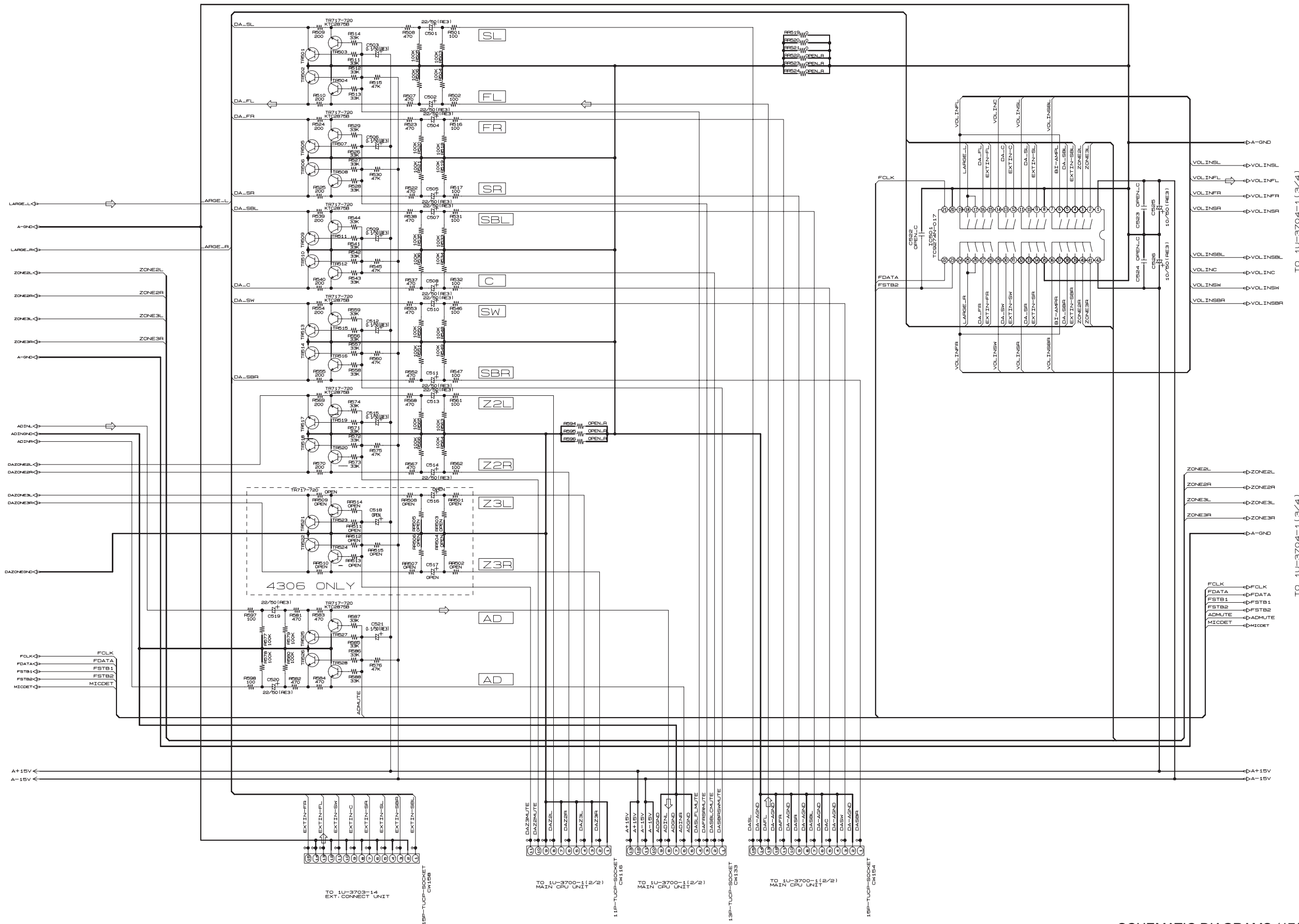
TO 1U-3704-1 (2/4)

SCHEMATIC DIAGRAMS (16/31)
1U-3704-1 AUDIO UNIT(1/4)

1 2 3 4 5 6 7 8 9 10 11

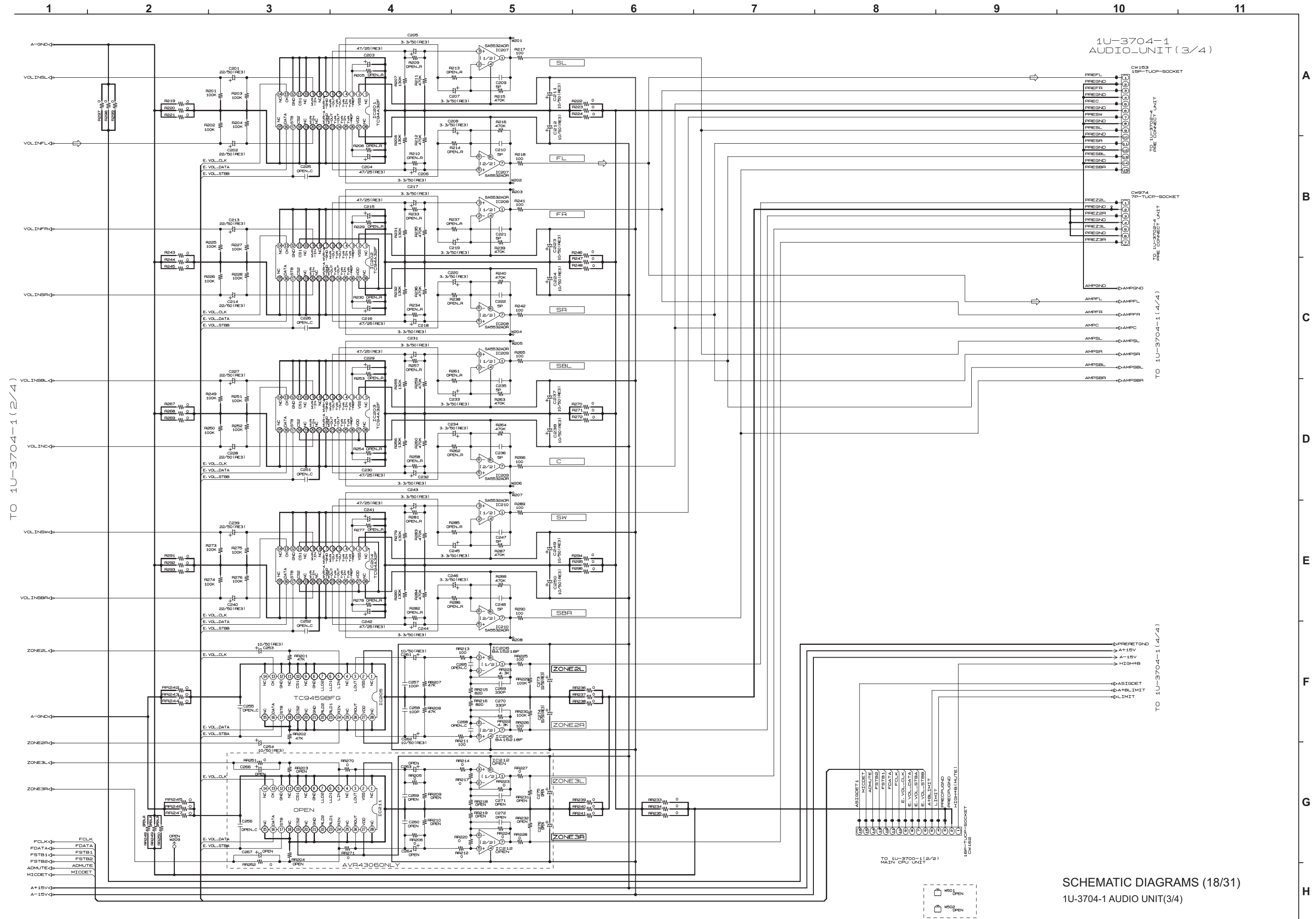
1U-3704-1
AUDIO UNIT (2/4)

TO 1U-3704-1 (1/4)



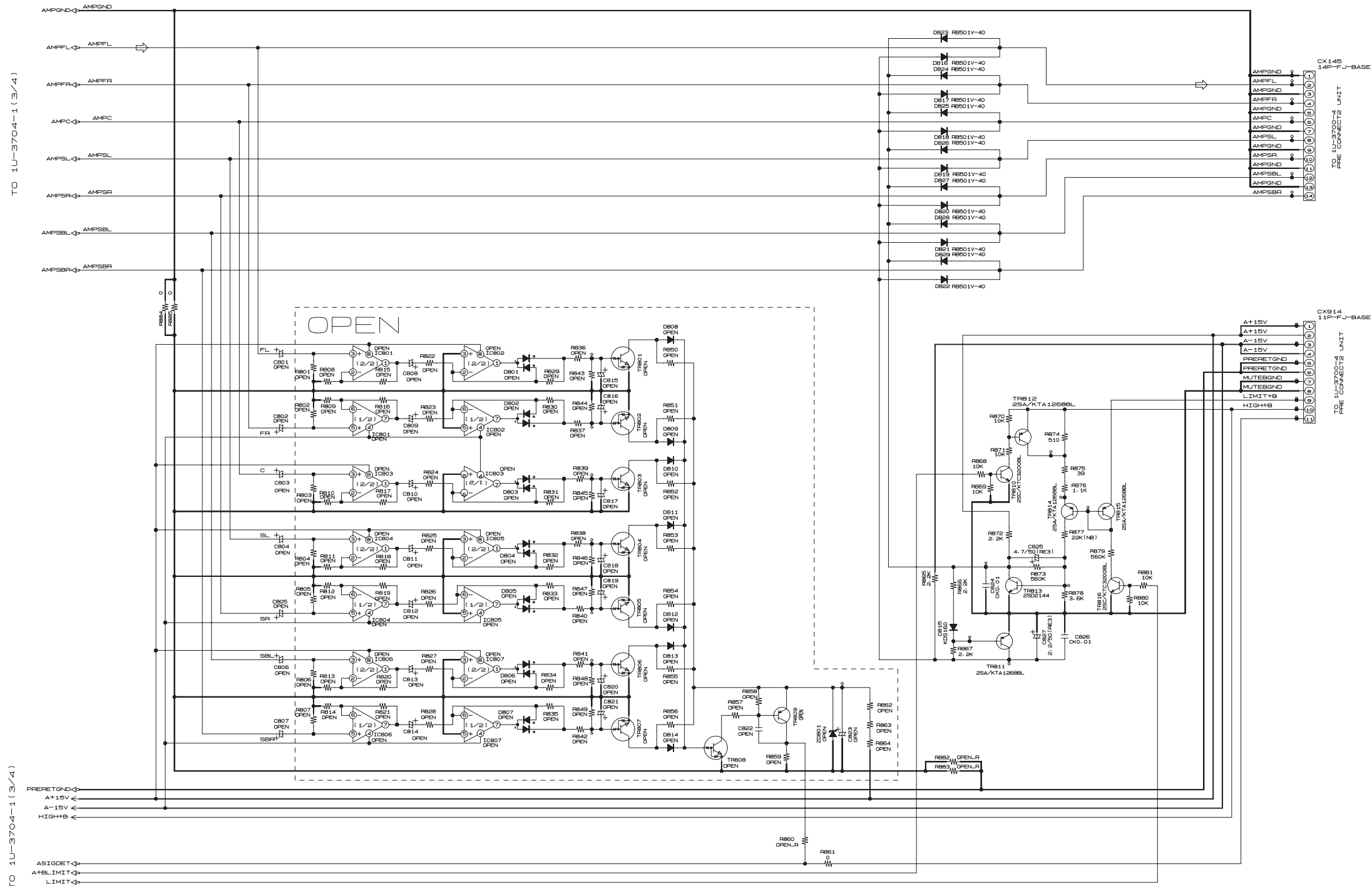
TO 1U-3704-1 (3/4)

TO 1U-3704-1 (3/4)



SCHEMATIC DIAGRAMS (18/31)
1U-3704-1 AUDIO UNIT(3/4)

1U-3704-1
AUDIO UNIT (4/4)



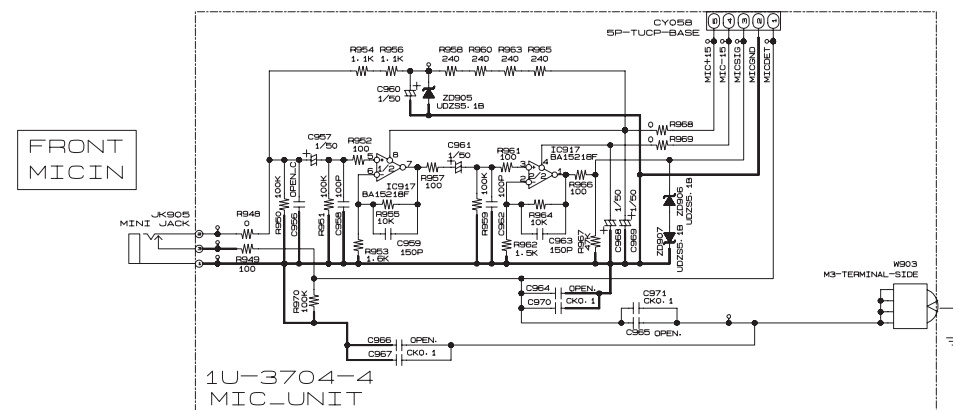
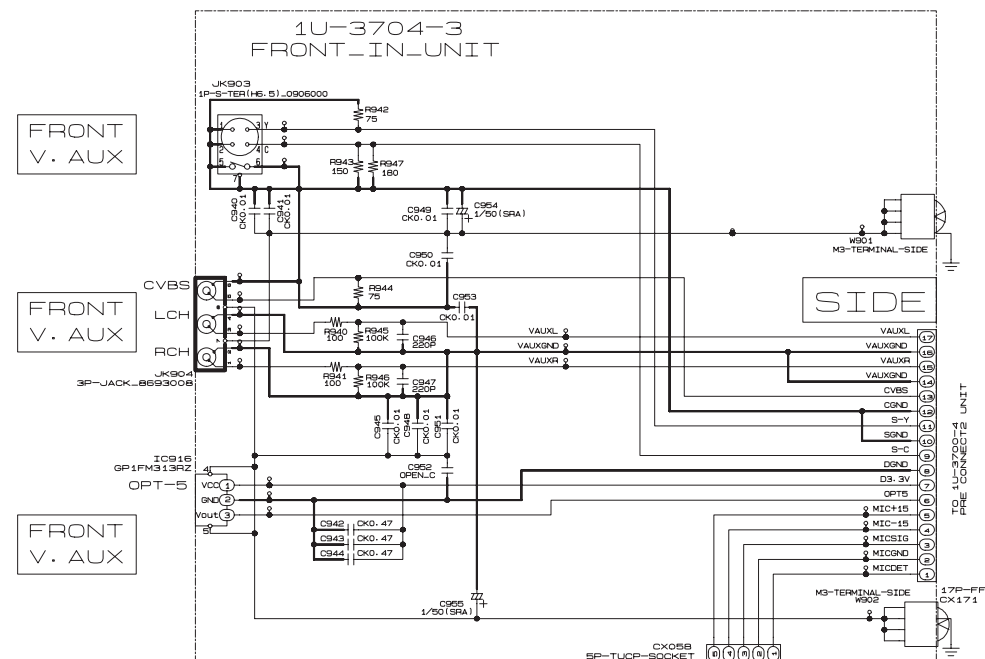
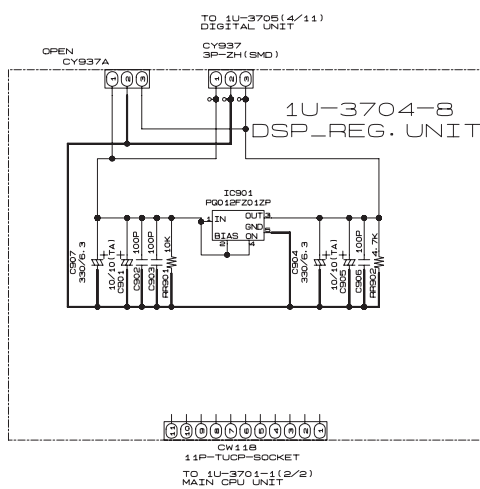
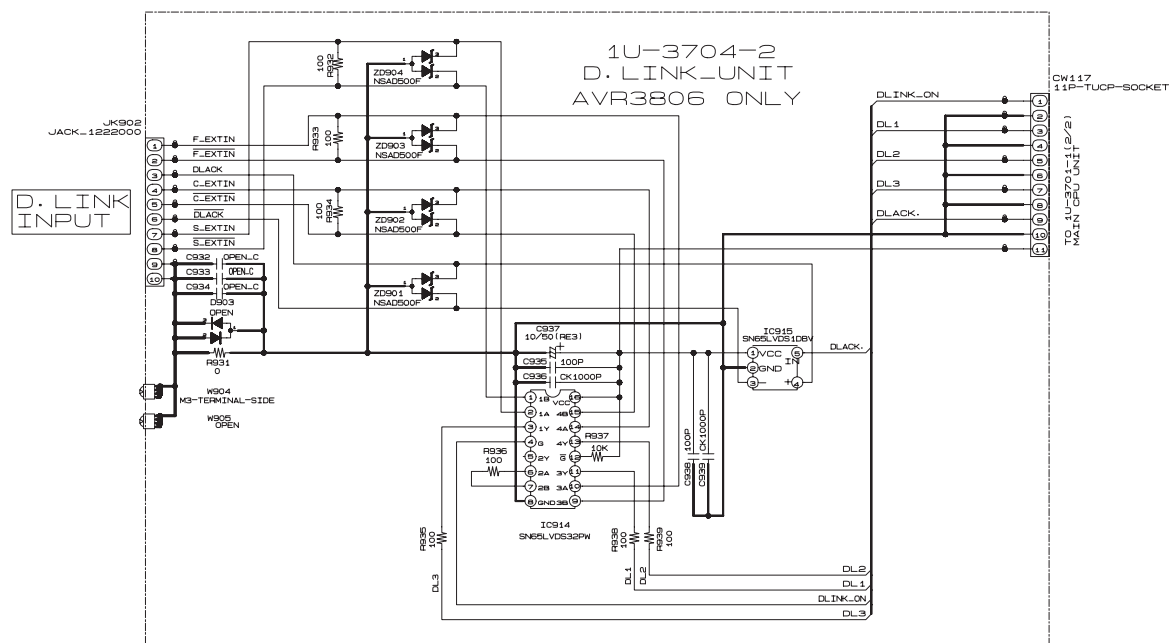
TO 1U-3704-1(3/4)

TO 1U-3704-1(3/4)

CX14B
14P-F-J-BASE
TO 1U-3704-1
PRE CONNECTS UNIT

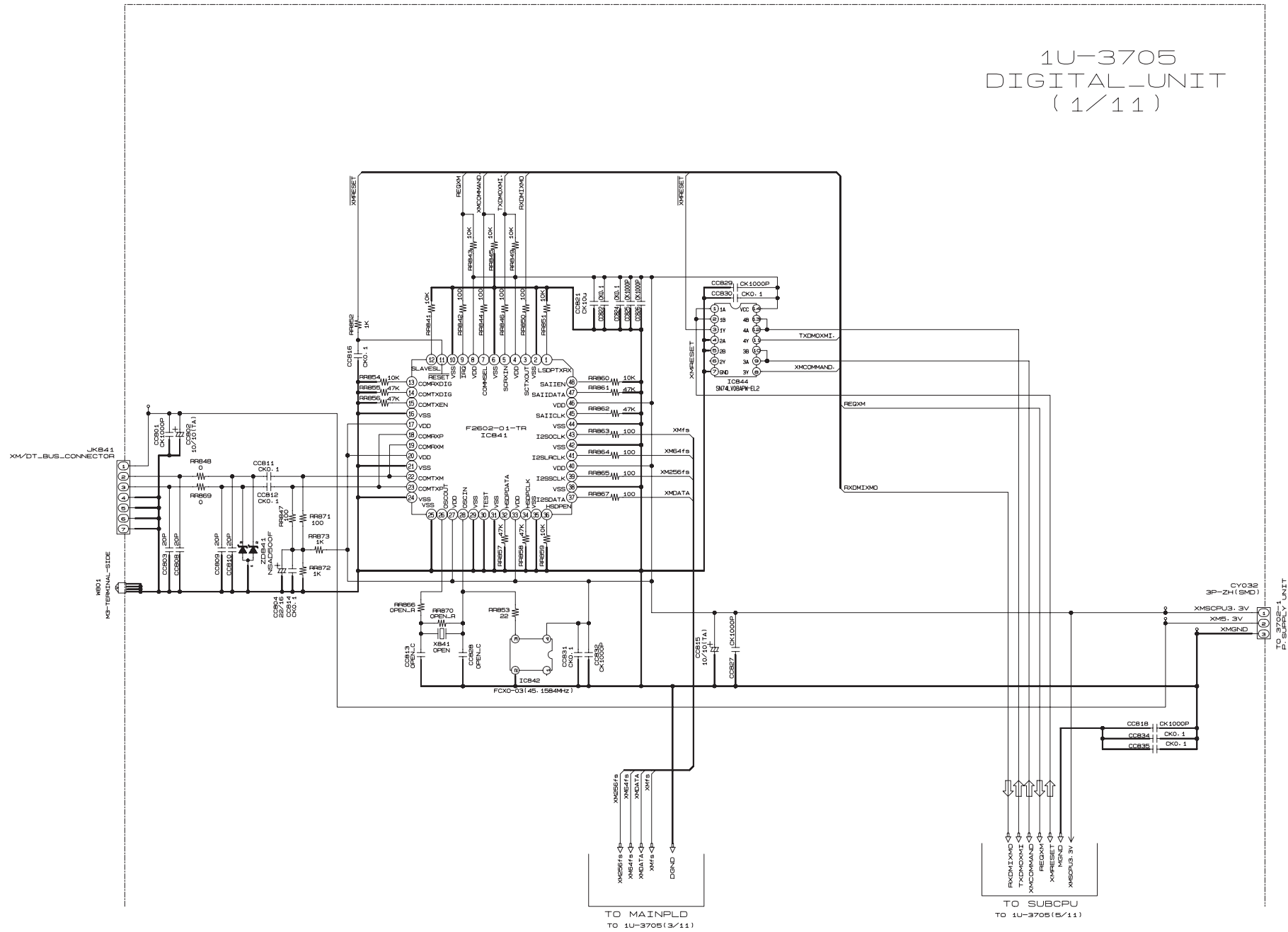
CX914
11P-F-J-BASE
TO 1U-3704-1
PRE CONNECTS UNIT

1 2 3 4 5 6 7 8 9 10 11



1 2 3 4 5 6 7 8 9 10 11

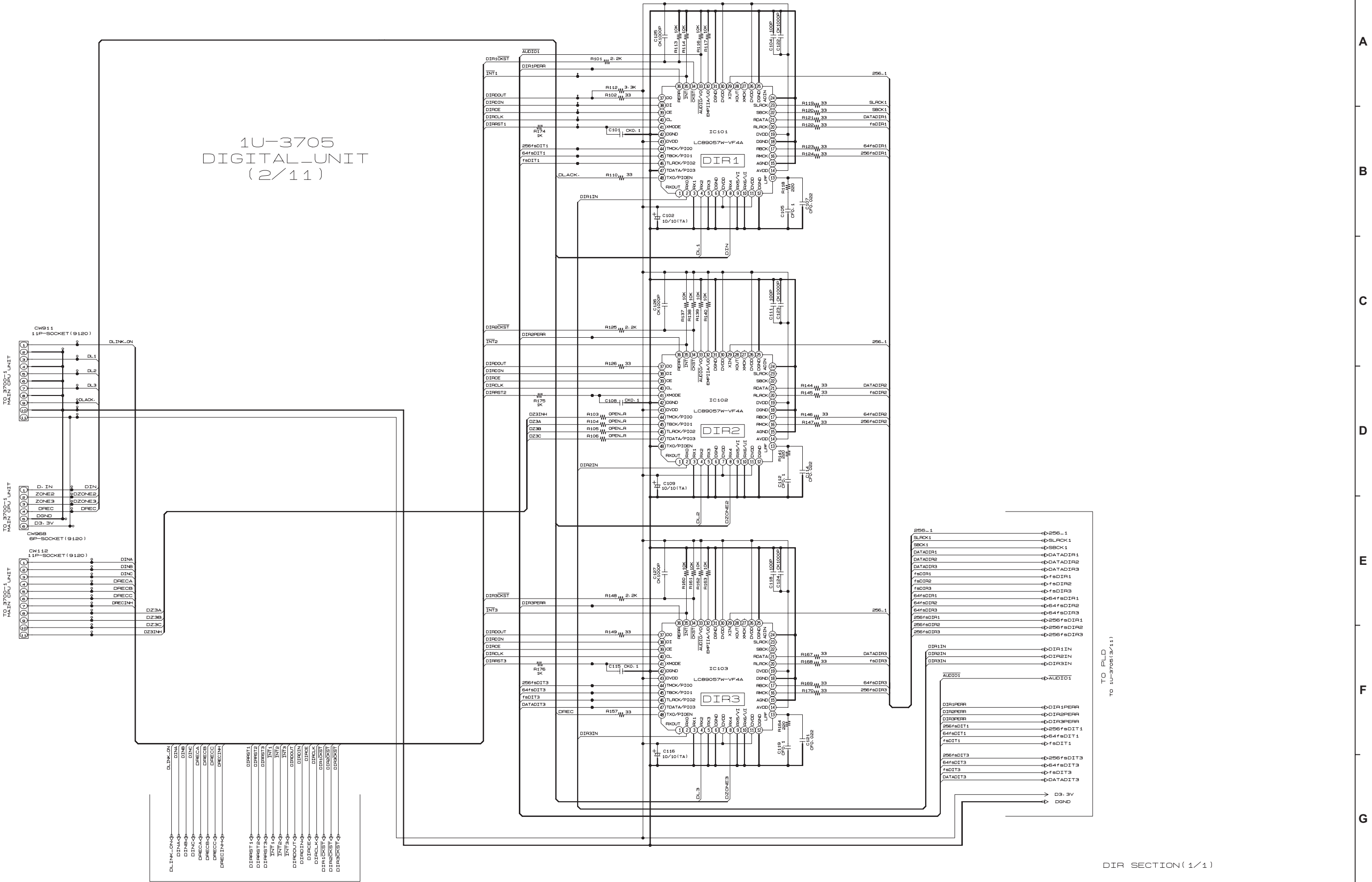
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XM RADIO SECTION (1/1)

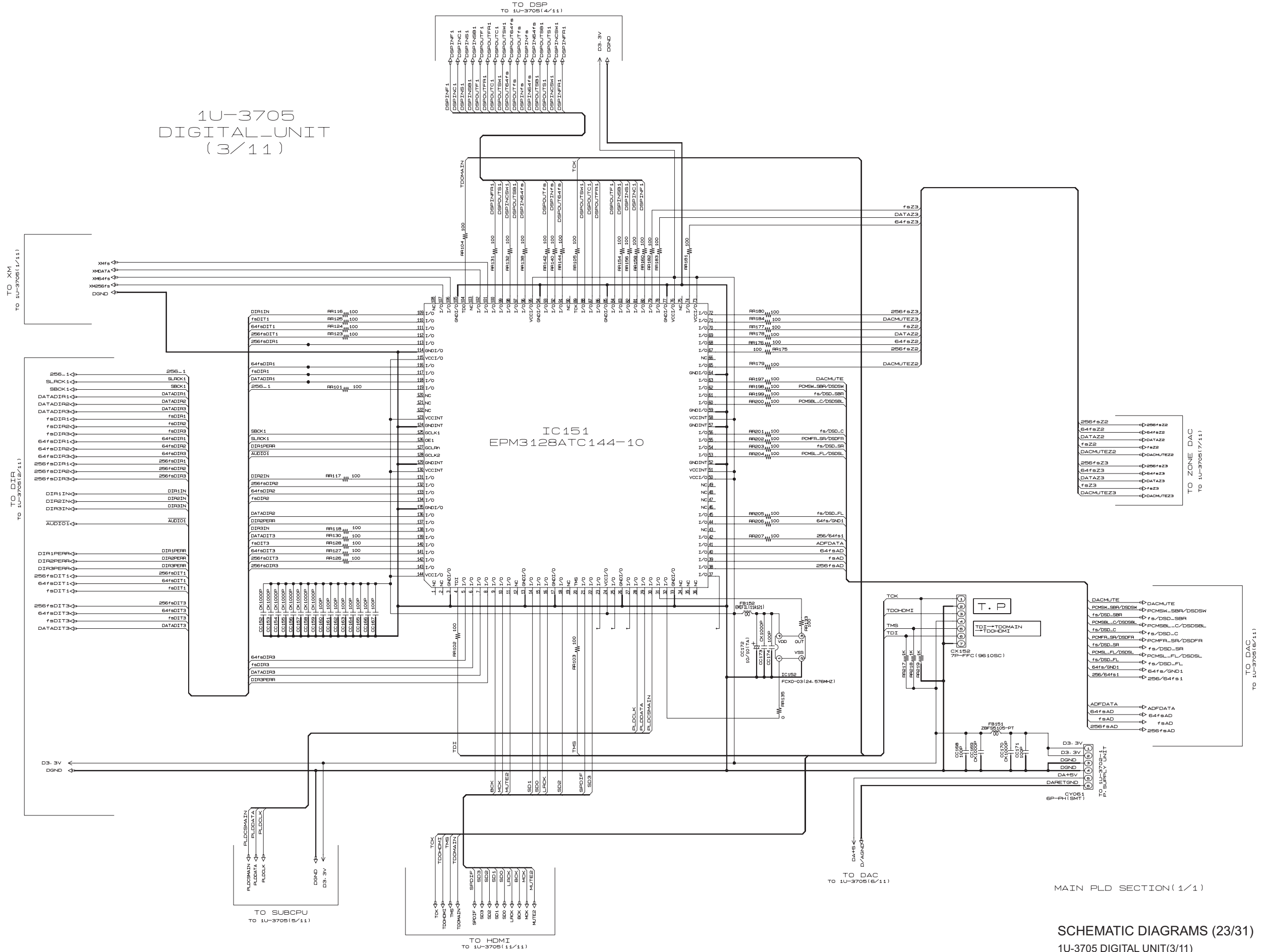
SCHEMATIC DIAGRAMS (21/31)
1U-3705 DIGITAL UNIT(1/11)

1 2 3 4 5 6 7 8 9 10 11



DIR SECTION (1/1)
SCHEMATIC DIAGRAMS (22/31)
1U-3705 DIGITAL UNIT(2/11)

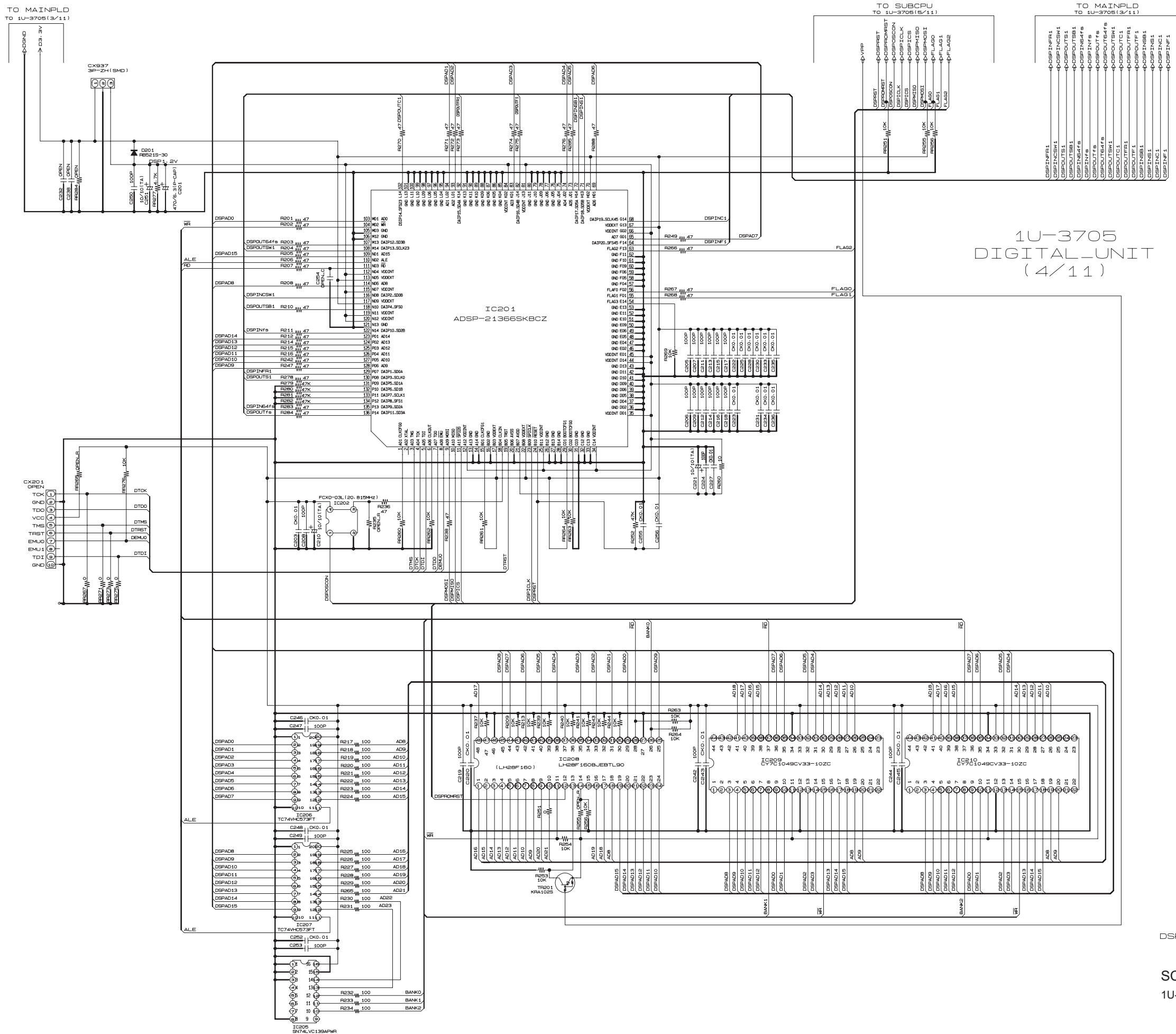
1 2 3 4 5 6 7 8 9 10 11



MAIN PLD SECTION (1/1)

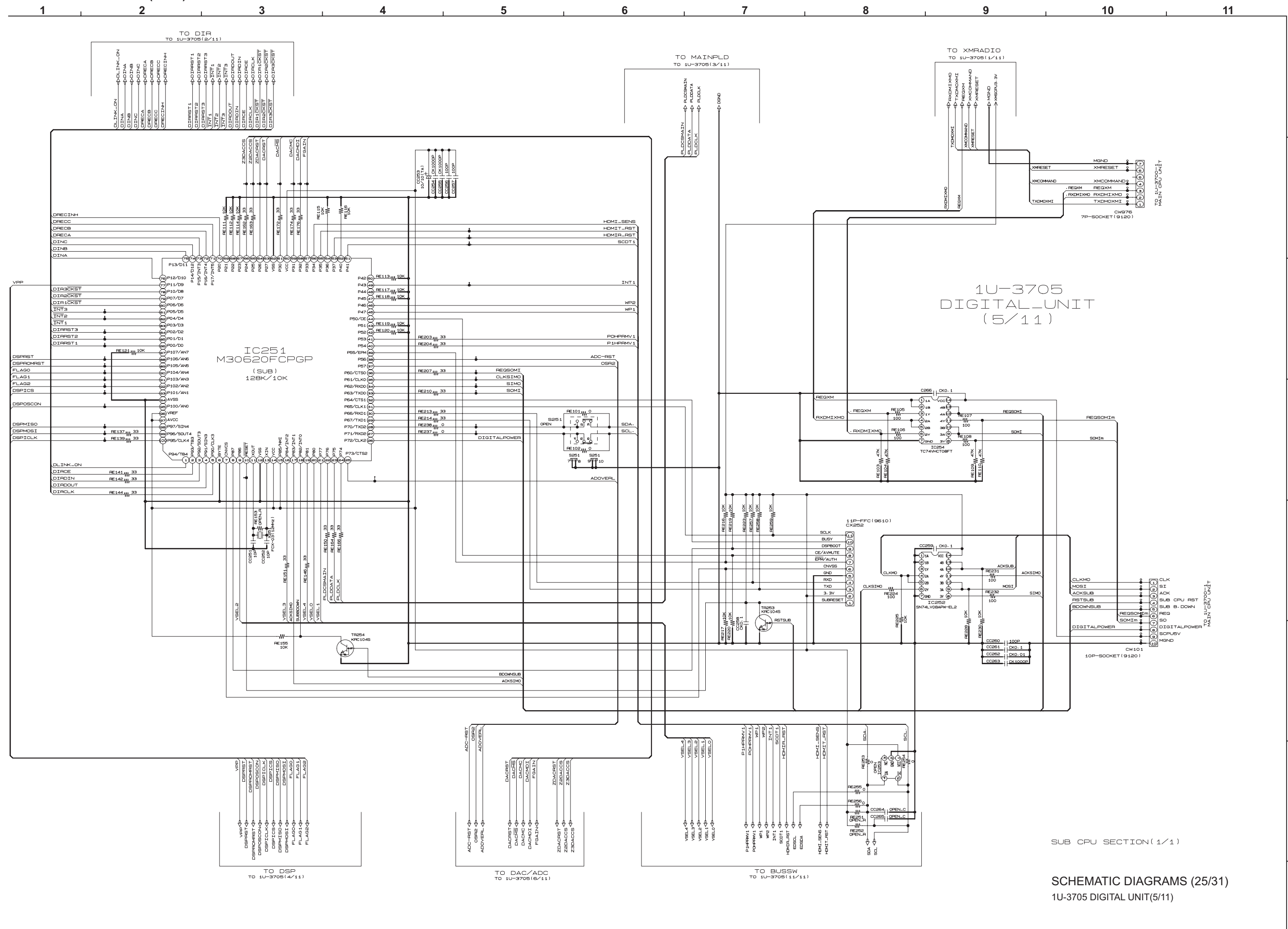
SCHEMATIC DIAGRAMS (23/31)
1U-3705 DIGITAL UNIT (3/11)

1 2 3 4 5 6 7 8 9 10 11



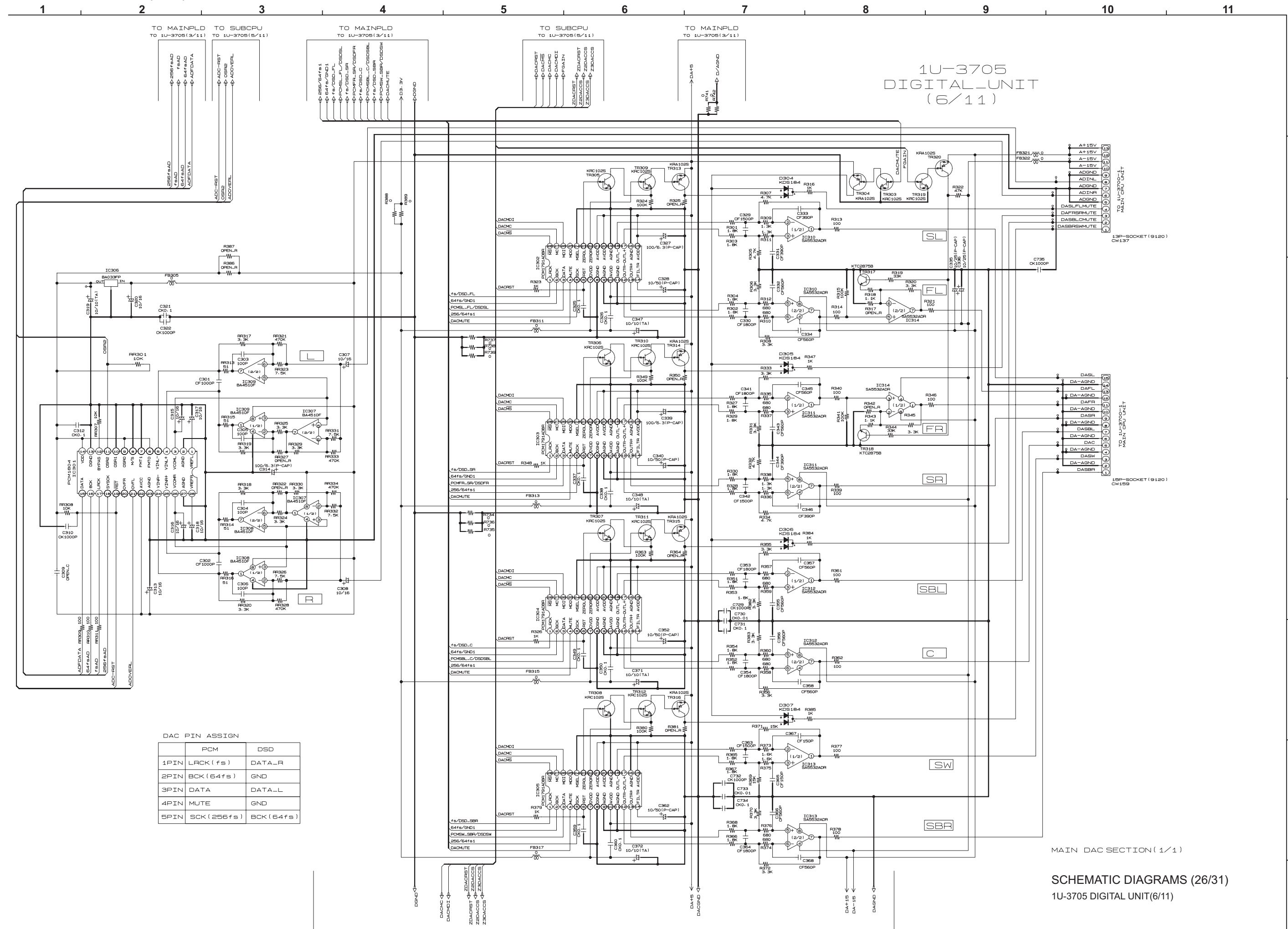
DSP SECTION (1/1)

SCHEMATIC DIAGRAMS (24/31)
1U-3705 DIGITAL UNIT(4/11)



SUB CPU SECTION (1/1)

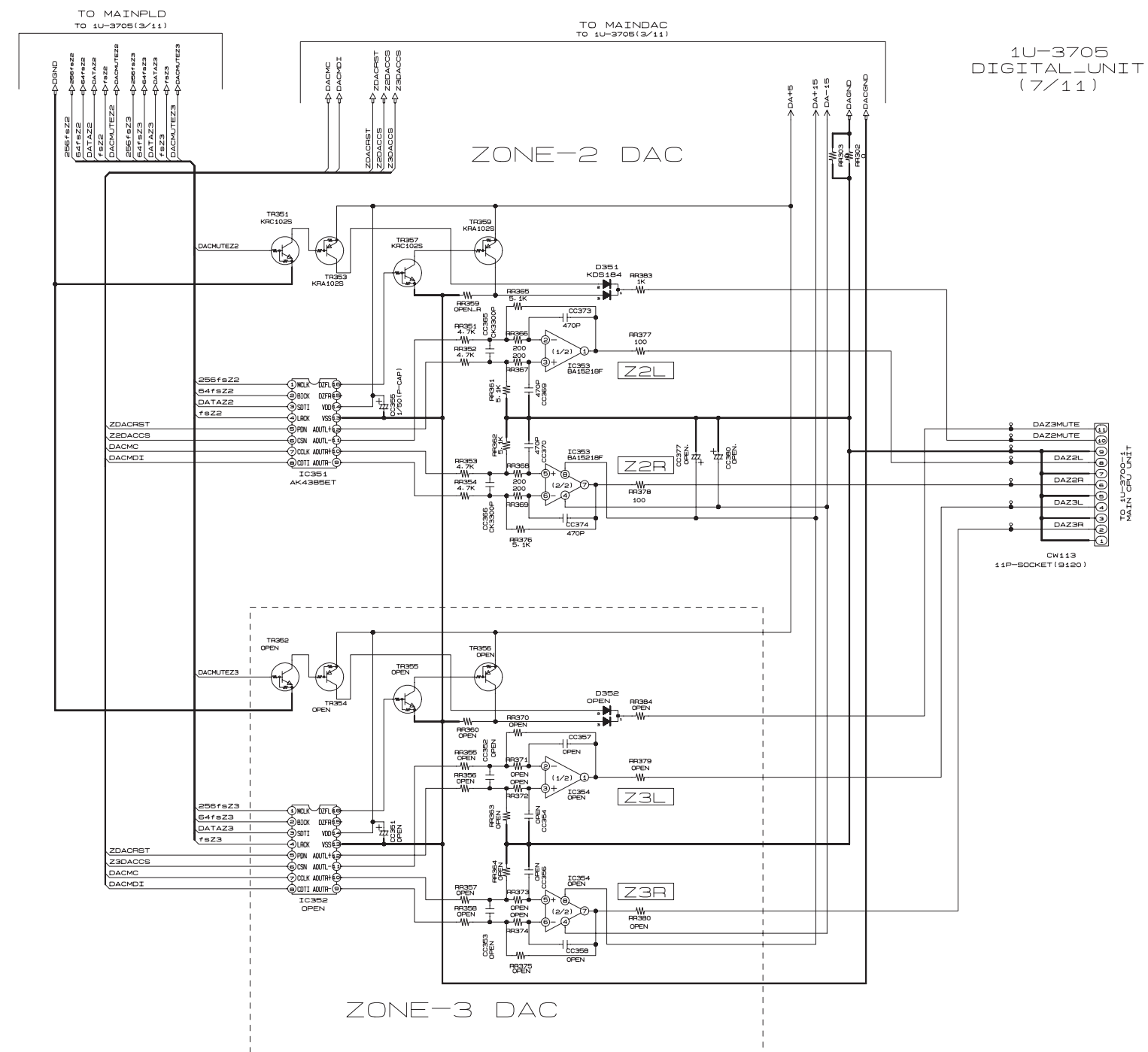
SCHEMATIC DIAGRAMS (25/31)
1U-3705 DIGITAL UNIT(5/11)



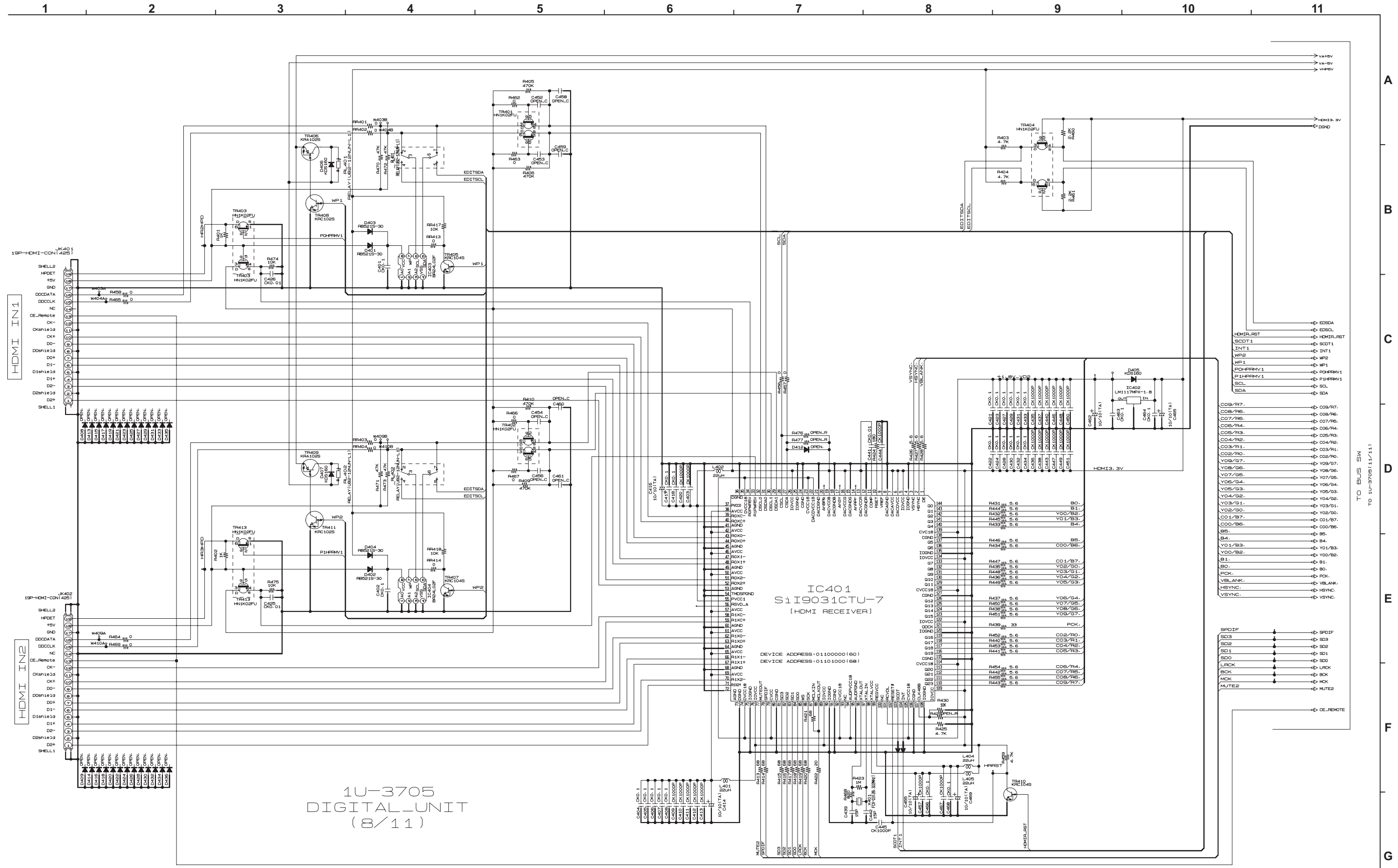
DAC PIN ASSIGN

	PCM	DSD
1PIN	LRCK (fs)	DATA_L
2PIN	BCK (64fs)	GND
3PIN	DATA	DATA_L
4PIN	MUTE	GND
5PIN	SCK (256fs)	BCK (64fs)

1 2 3 4 5 6 7 8 9 10 11



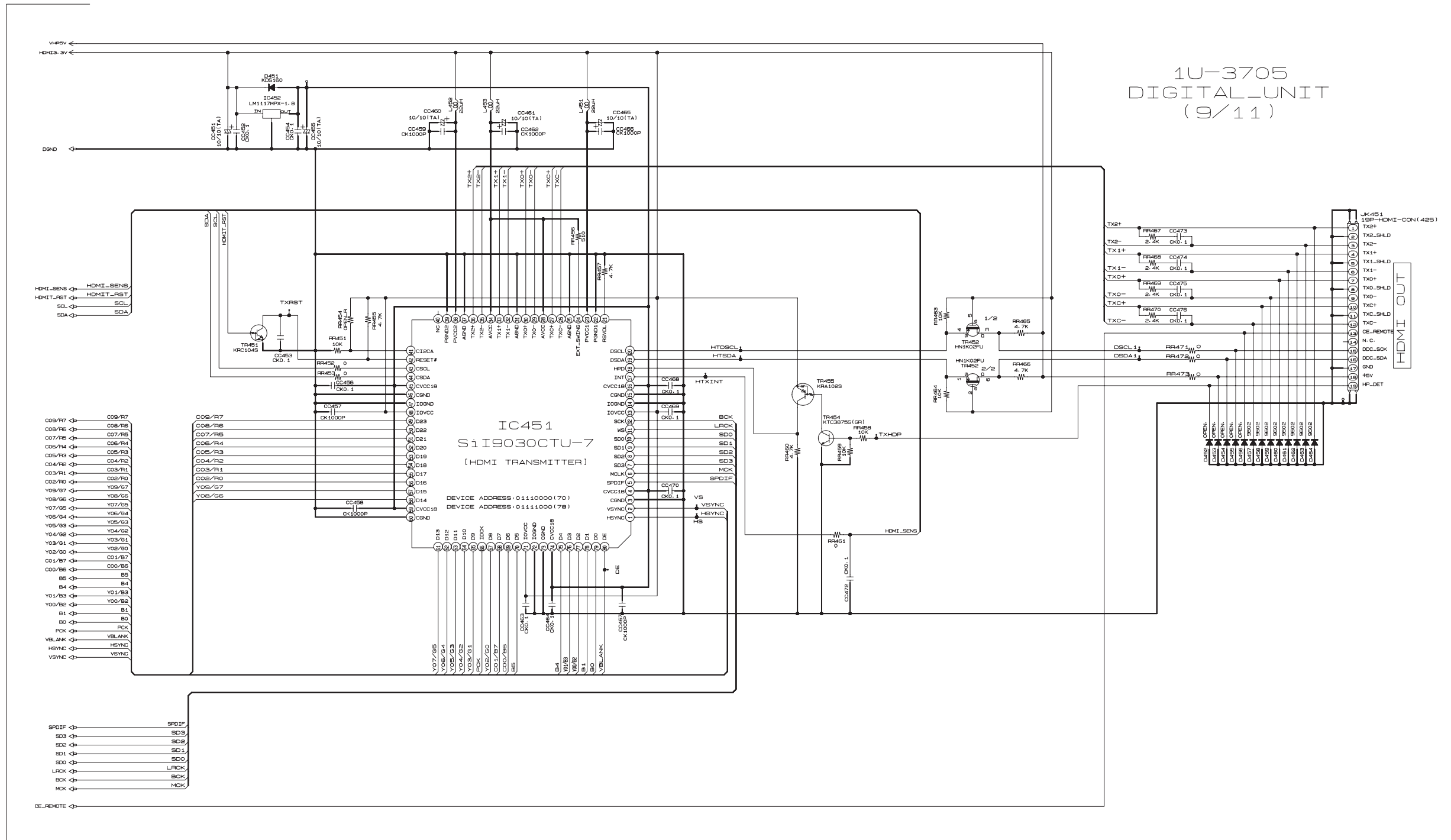
XM(ZONE2/3 DAC) SECTION(1/1)



HDMI IN SECTION (1/1)

SCHEMATIC DIAGRAMS (28/31)
1U-3705 DIGITAL UNIT (8/11)

1 2 3 4 5 6 7 8 9 10 11

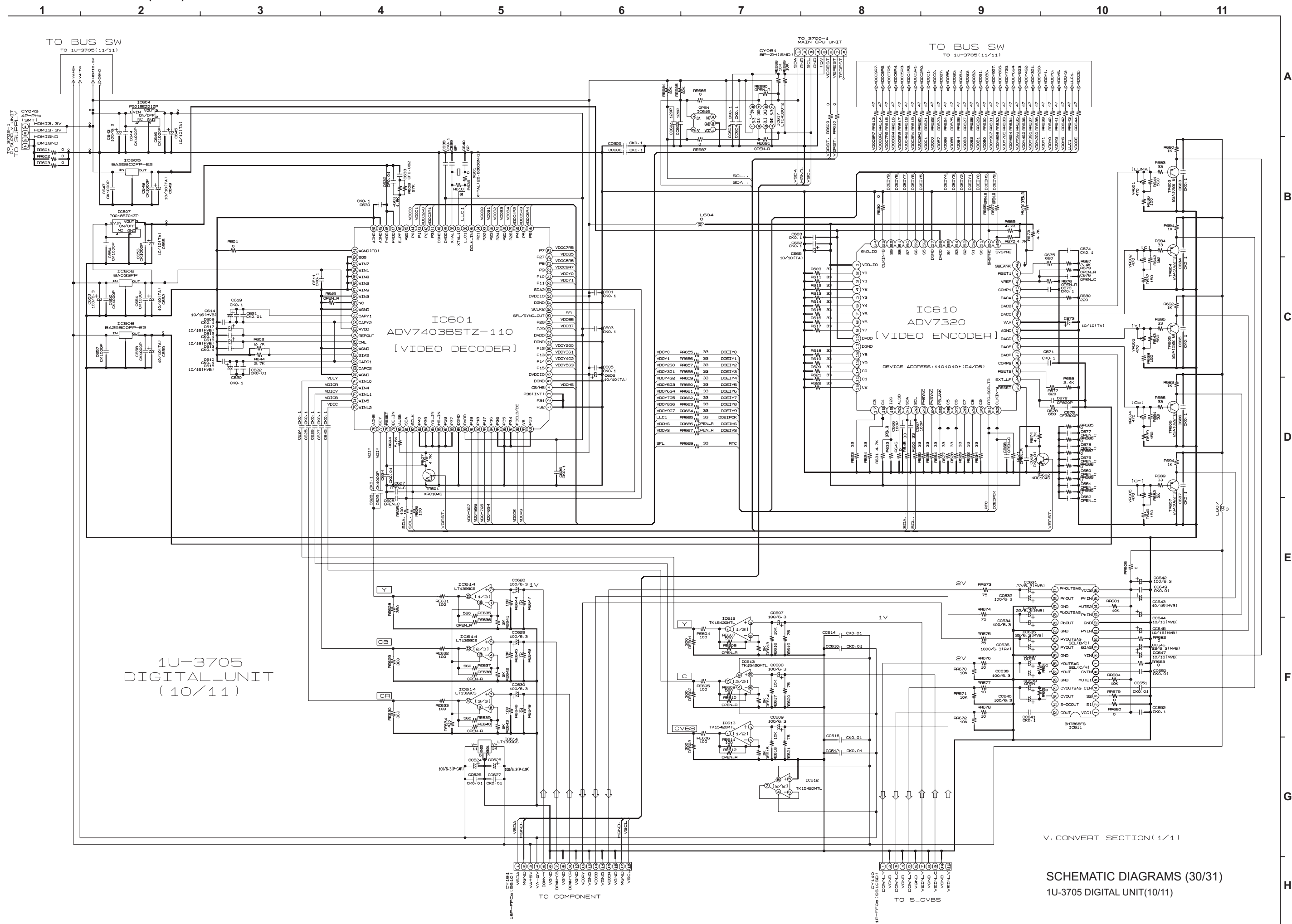


TO BUS SW TO 1U-3705(11/11)

1U-3705 DIGITAL UNIT (9/11)

HDMI OUT SECTION (1/1)

SCHEMATIC DIAGRAMS (29/31) 1U-3705 DIGITAL UNIT(9/11)



V. CONVERT SECTION (1/1)

SCHEMATIC DIAGRAMS (30/31)
1U-3705 DIGITAL UNIT(10/11)

