

SERVICE MANUAL

MODEL	JP	E3	E2	EK	E2A	E1C	EUT
AVR-2307CI		✓					
AVR-2307			✓		✓	✓	✓
AVR-887		✓					

AV SURROUND RECEIVER

MODEL	JP	E3	E2	EK	E2A	E1C	EUT
AVC-1930	✓						

AV SURROUND AMPLIFIER

注 意

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

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

- 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

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.

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

◎ Heed the cautions!

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

◎ Caution concerning electric shock!

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

◎ Caution concerning disassembly and assembly!

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

◎ Only use designated parts!

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

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

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

◎ Inspect for safety after servicing!

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

(Insulation check procedure)

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

CAUTION Concerning important safety parts

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

- (1) Schematic diagrams ... Indicated by the  mark.
- (2) Parts lists ... Indicated by the  mark.

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

注 意 サービス、点検時にはつぎのことにご注意願います。

◎ 注意事項をお守りください！

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

◎ 感電に注意！

- (1) このセットは、交流電圧が印加されていますので通電時に内部金属部に触れると感電することがあります。従って通電サービス時には、絶縁トランスの使用や手袋の着用、部品交換には、電源プラグを抜くなどして感電にご注意ください。
- (2) 内部には高電圧の部分がありますので、通電時の取扱には十分ご注意ください。

◎ 分解、組み立て作業時のご注意！

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

◎ 指定部品の使用！

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

◎ 部品の取付けや配線の引きまわしは、元どおりに！

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

◎ サービス後は安全点検を！

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

(絶縁チェックの方法)

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

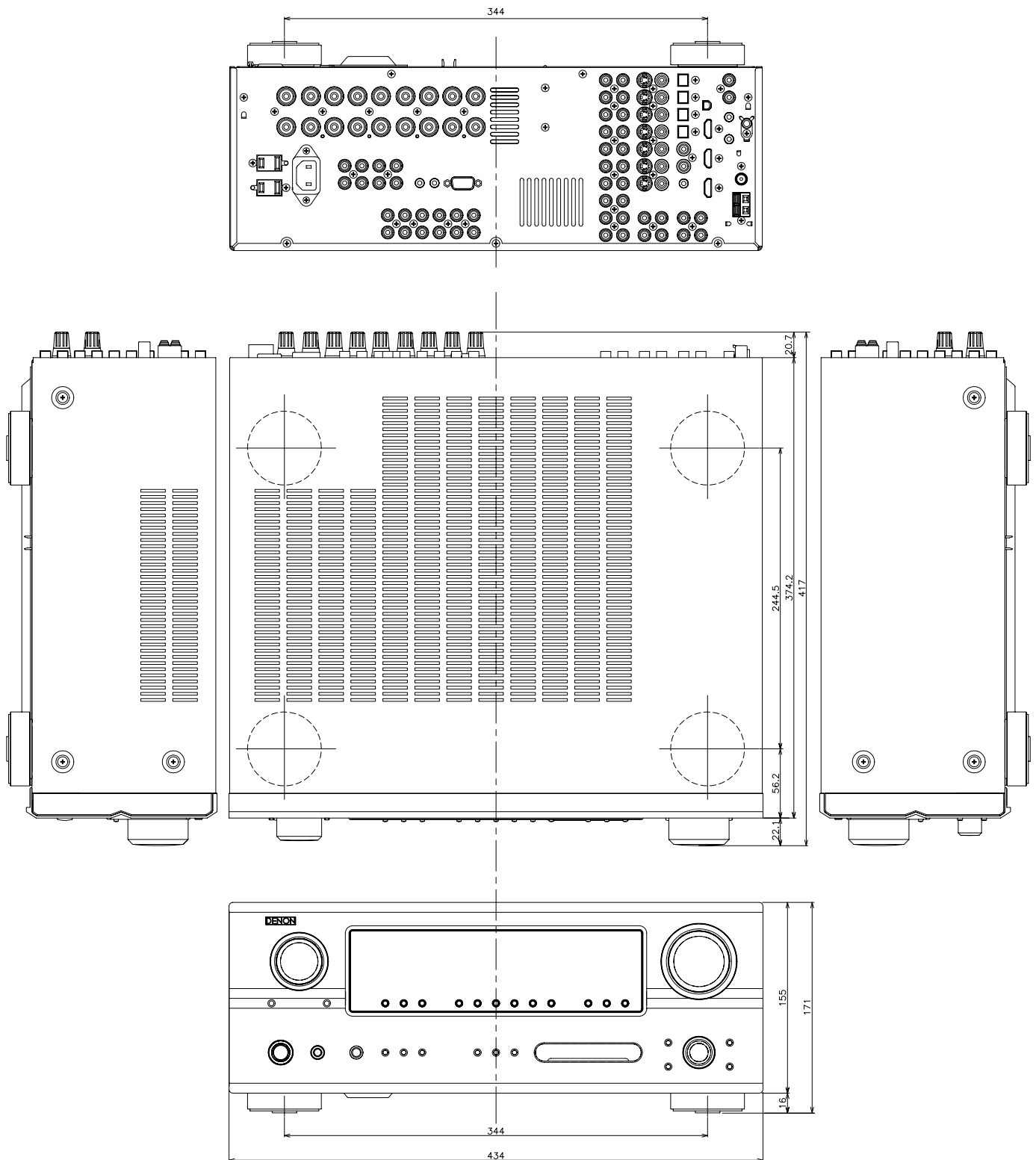
注 意 安全上重要な部品について

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

- (1) 配線図…マークで表示しています。
- (2) 部品表…マークで表示しています。

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

DIMENSION



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 SPEAKER A button and SPEAKER B 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. SPEAKER A ボタンと SPEAKER B 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

(AVR-2307CI,887,2307 Model)

Audio Section

Idling Current

Required measurement equipment: DC Voltmeter

1. Preparation

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

• POWER (Power source switch)	OFF
• SPEAKER (Speaker terminal)	No load

 (Do not connect speaker, dummy resistor, etc.)

2. Adjustment

- (1) Remove top cover and set VR101, VR102, VR103, VR104, VR105, on Main Amp. Unit, VR106, VR107 on 2ch-Amp. Unit at fully counterclockwise () position.
- (2) Connect DC Voltmeter to test points (FRONT-Lch: TP104, FRONT-Rch: TP105, CENTER ch: TP103, SURROUND-Lch: TP101, SURROUND-Rch: TP102, SURROUND-BACK Lch: TP107, SURROUND-BACK Rch: TP106).
- (3) Connect power cord to AC Line, and turn power switch "ON".
- (4) Presetting.
 MASTER VOLUME : "----" counterclockwise ( min.)
 MODE : 7CH STEREO
 FUNCTION : CD
- (5) Within 2 minutes after the power on, turn VR101 clockwise () to adjust the TEST POINT voltage to 1.0 mV $\pm$ 0.5 mV DC.
- (6) After 10 minutes from the preset above, turn VR101 to set the voltage to 1.0 mV $\pm$ 0.5 mV DC.
- (7) Adjust the Variable Resistors of other channels in the same way.

調整

(AVC-1930 日本向けモデル)

オーディオセクション

アイドリング電流の調整

調整に必要な測定器： DC Voltmeter

1. 準備

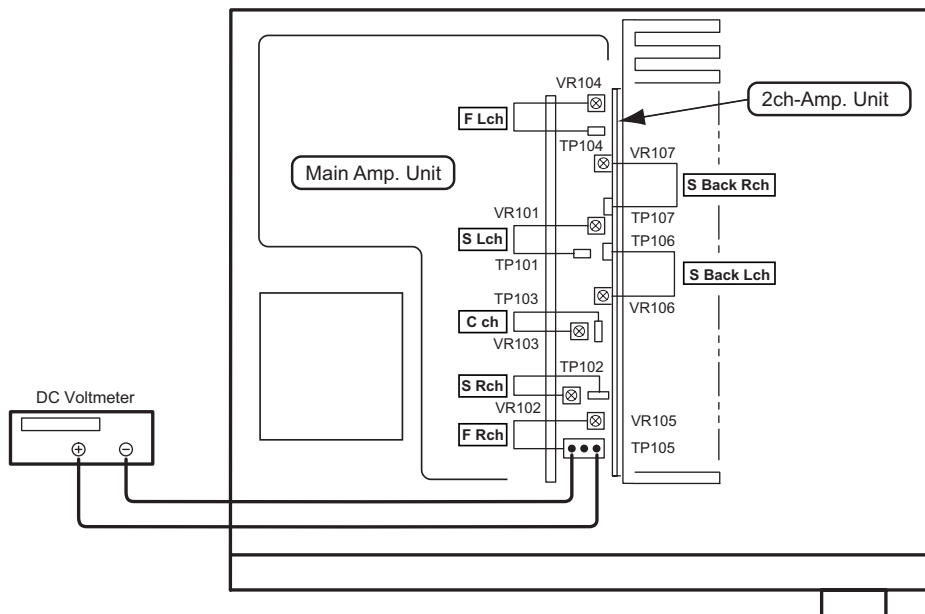
- (1) セットをクーラ、扇風機のそばなど風通しの良い場所を避け、通常の使用状態に置きます。セットの周囲温度は 15 ~ 30 °C、湿度は常湿とします。
- (2) プリセット

• 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。)

2. 調整

- (1) 上カバーをはずし、メインアンプ基板の VR101, VR102, VR103, VR104, VR105 及び 2ch-アンプ基板の VR106, VR107 を反時計方向 () に回し切った状態にセットします。
- (2) テストポイント (FRONT-Lch: TP104, FRONT-Rch: TP105, CENTER ch: TP103, SURROUND-Lch: TP101, SURROUND-Rch: TP102, SURROUND-BACK Lch: TP107, SURROUND-BACK Rch: TP106) 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。
 1.0mV $\pm$ 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。
 1.0mV $\pm$ 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。



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 OUT 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 Supply
- | | |
|-------------------------------|------|
| USA & Canada & Taiwan R.O.C.: | 120V |
| Europe & Asia : | 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) • For E3/E1C/EUT/JP model :
Push [POWER] button with pressing [VIDEO SELECT] and [STATUS] buttons.
- For E2/E2A model :
Push [POWER] button with pressing [RDS] and [RT] buttons.
- (2) Confirm "0.0dB" appearing on the FL display.
 - (3) Turn the FUNCTION knob to select "DVD" input.
 - (4) Push [PURE DIRECT] button of Remote Control Unit to select "PURE ". (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 OUT 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 :
- | | |
|------|------|
| 日本 : | 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

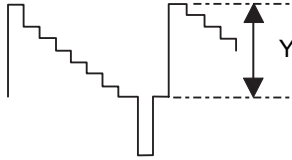
- (1) セットの AC コードをコンセントへ挿入し、「VIDEO SELECT」と「STATUS」ボタンを押しながらセットの電源を "ON" にします。
- (2) FL 表示右上の VOL 表示が "0.0dB" になっていることを確認します。
- (3) FUNCTION ノブを回し、入力を "DVD" に切り替えます。
- (4) リモコンの「PURE」ボタンを押し、"PURE DIRECT" にします。(FL 表示が消え、調整モードになります。)
- (5) DVD プレーヤーの「OPEN/CLOSE」ボタンを押してトレイを開き、トレイ上に DVD テストディスク (DVDT-S01) 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

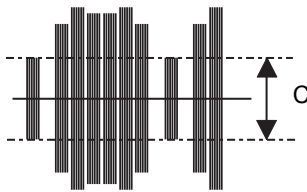
Point : HDMI UNIT VR3001
Adjustment Value : $714 \pm 14\text{mV}$
Waveform



Y-signal of S MONITOR OUT

(b) Target, C-signal

Point : HDMI UNIT VR3002
Adjustment Value : $286 \pm 5\text{mV}$
Waveform

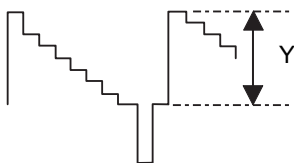


C-signal of S-MONITOR OUT

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

(a) Target, Y-signal

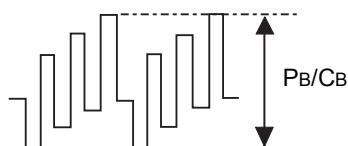
Point : HDMI UNIT VR3003
Adjustment Value : $714 \pm 14\text{mV}$
Waveform



Y-signal COMPONENT OUT

(b) Target, Pb/Cb-signal

Point : HDMI UNIT VR3004
Adjustment Value : $*525 \pm 10\text{mV}$
Waveform



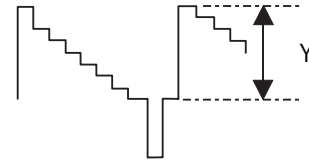
Pb/Cb-signal COMPONENT OUT

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

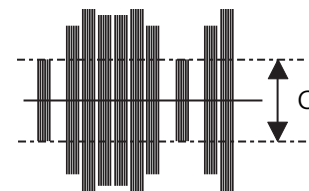
調整箇所 : HDMI UNIT VR3001
調整値 : $714 \pm 14\text{mV}$
波形



S MONITOR OUT の Y 信号レベル

(b) C 信号レベル

調整箇所 : HDMI UNIT VR3002
調整値 : $286 \pm 5\text{mV}$
波形

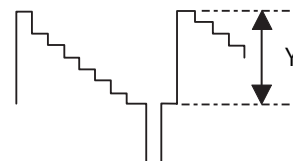


S-MONITOR OUT の C 信号レベル

- (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

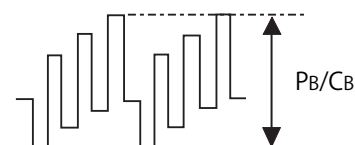
調整箇所 : HDMI UNIT VR3003
調整値 : $714 \pm 14\text{mV}$
波形



COMPONENT OUT の Y 信号レベル

(b) Pb/Cb 信号レベル

調整箇所 : HDMI UNIT VR3004
調整値 : $525 \pm 10\text{mV}$
波形

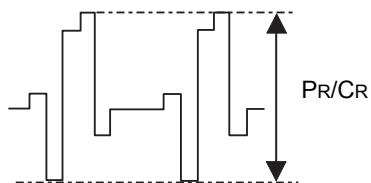


COMPONENT OUT の Pb/Cb 信号レベル

* : $486 \pm 10\text{mV}$ for U.S.A. & Canada model

(c) Target, PR/CR-signal

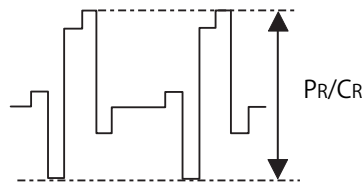
Point : HDMI UNIT VR3005
Adjustment Value : $525 \pm 10\text{mV}$
Waveform



PR/CR-signal COMPONENT OUT

(c) PR/CR 信号レベル

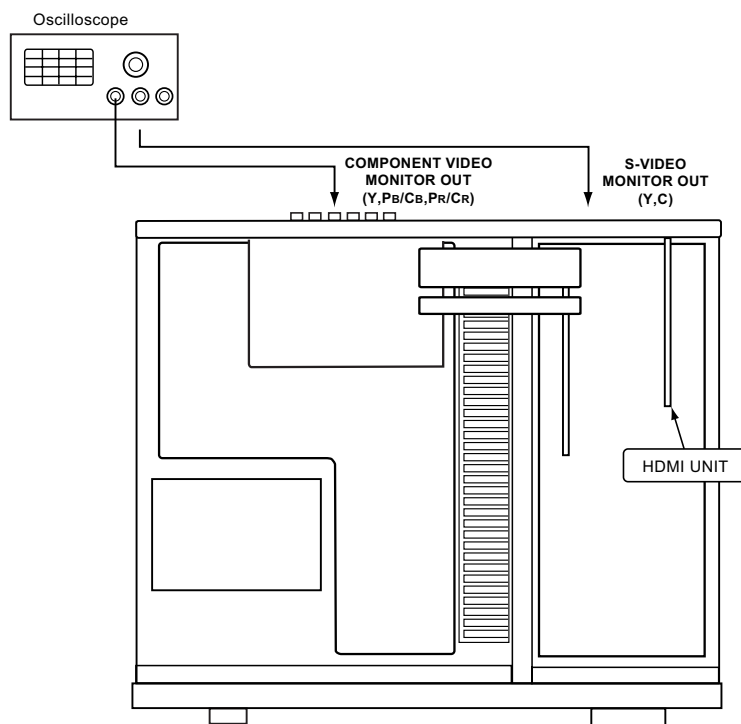
調整箇所 : HDMI UNIT VR3005
調整値 : $525 \pm 10\text{mV}$
波形



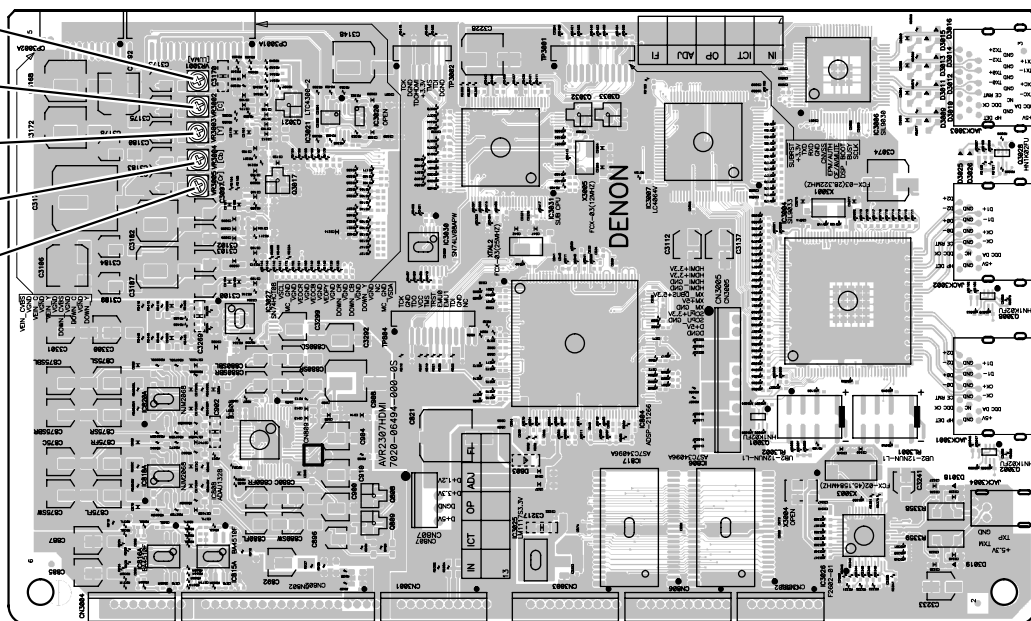
COMPONENT OUT の PR/CR 信号レベル

* : $486 \pm 10\text{mV}$ for U.S.A. & Canada model

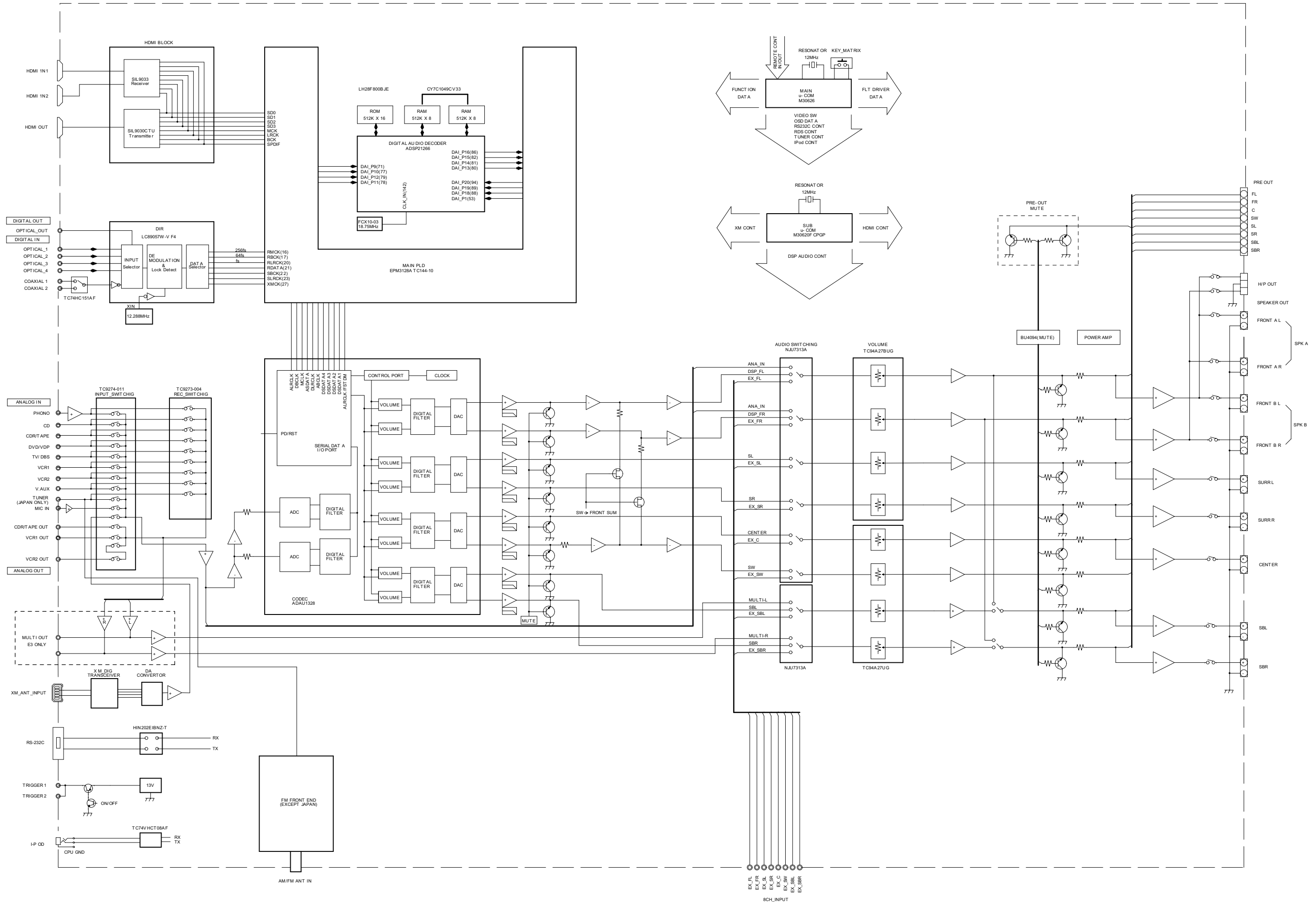
HDMI UNIT



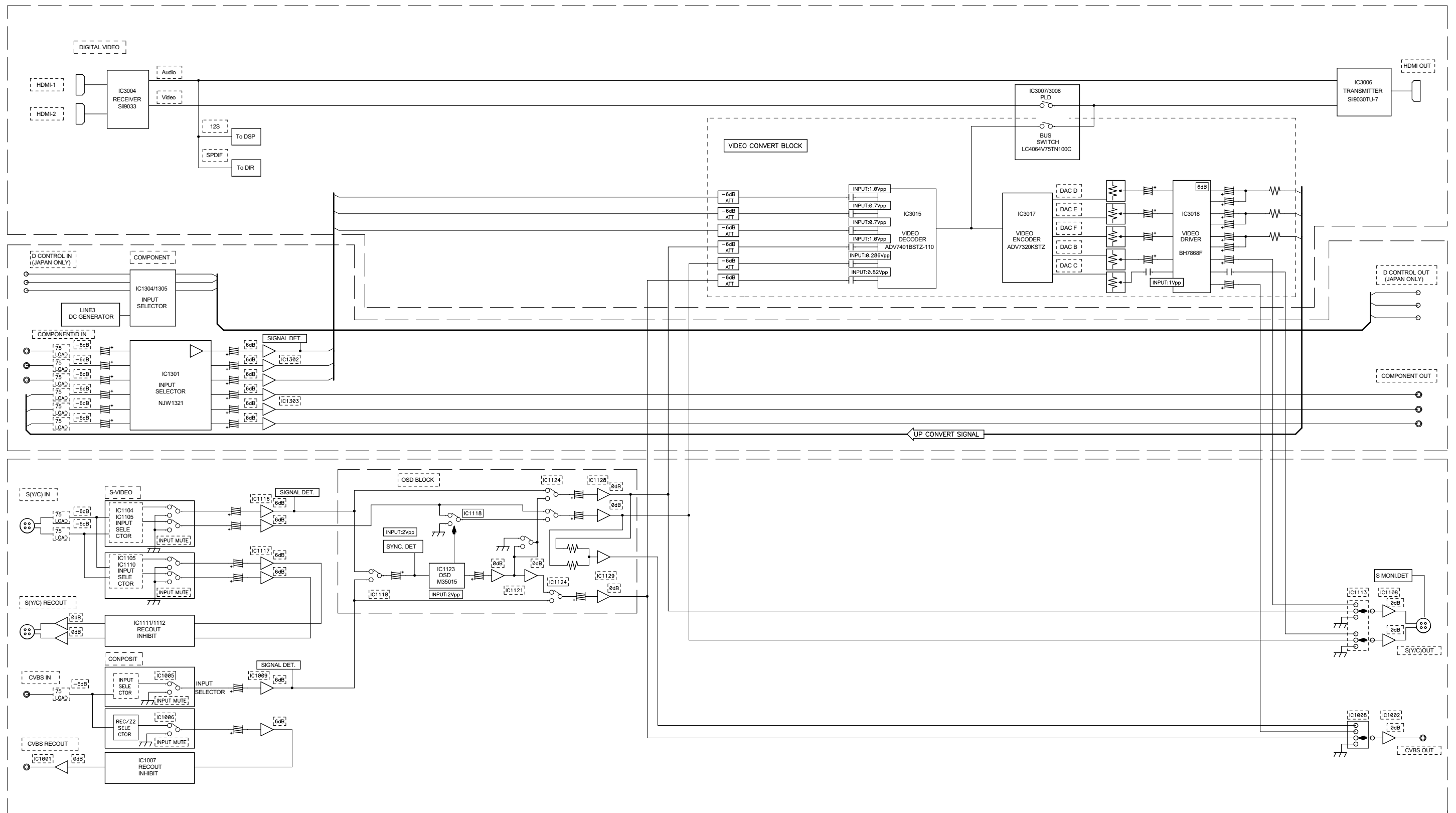
VR3001 S-Y
VR3002 S-C
VR3003 Y
VR3004 Pb/Cb
VR3005 Pr/Cr



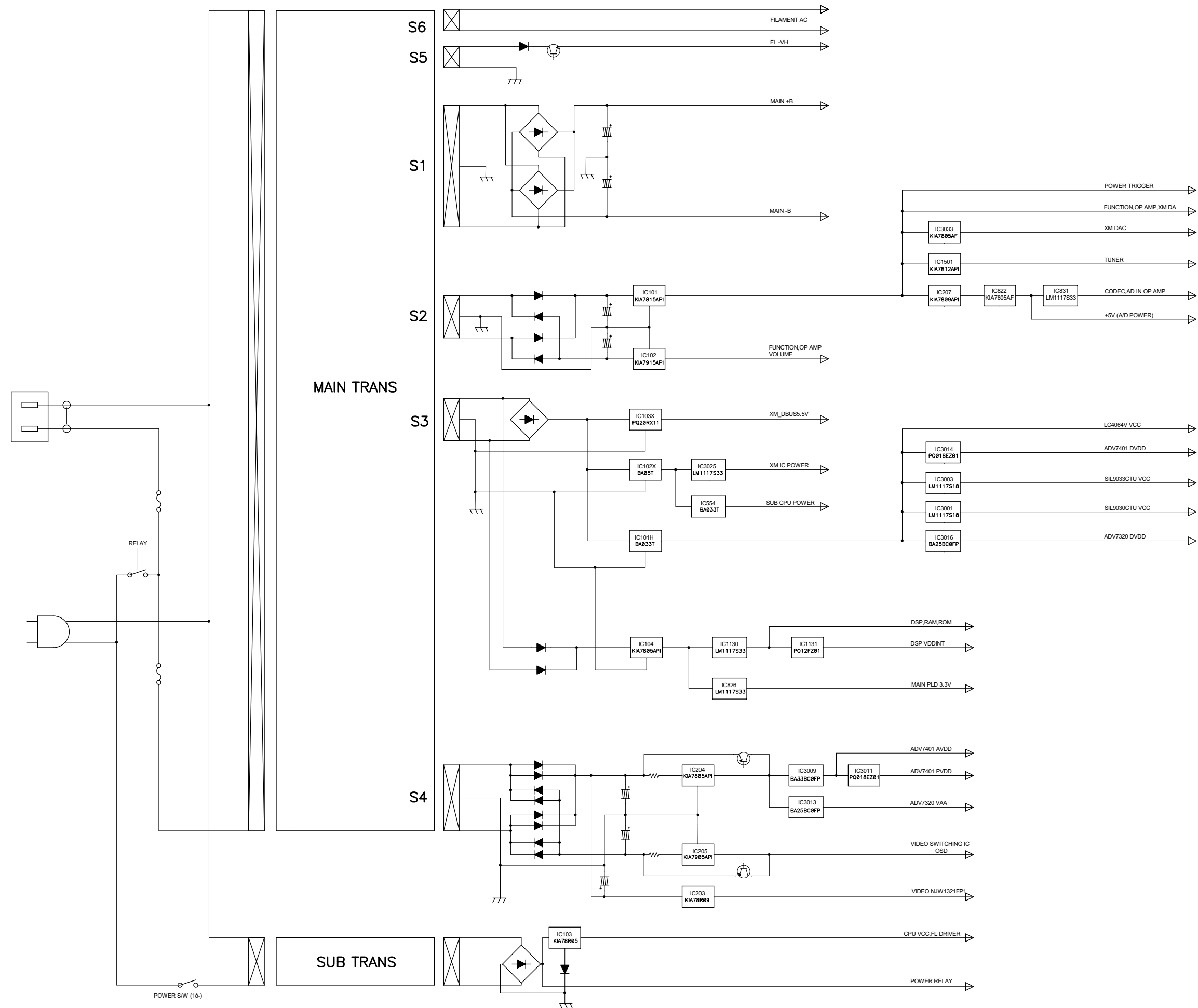
BLOCK DIAGRAM (1/3) AUDIO BLOCK DIAGRAM



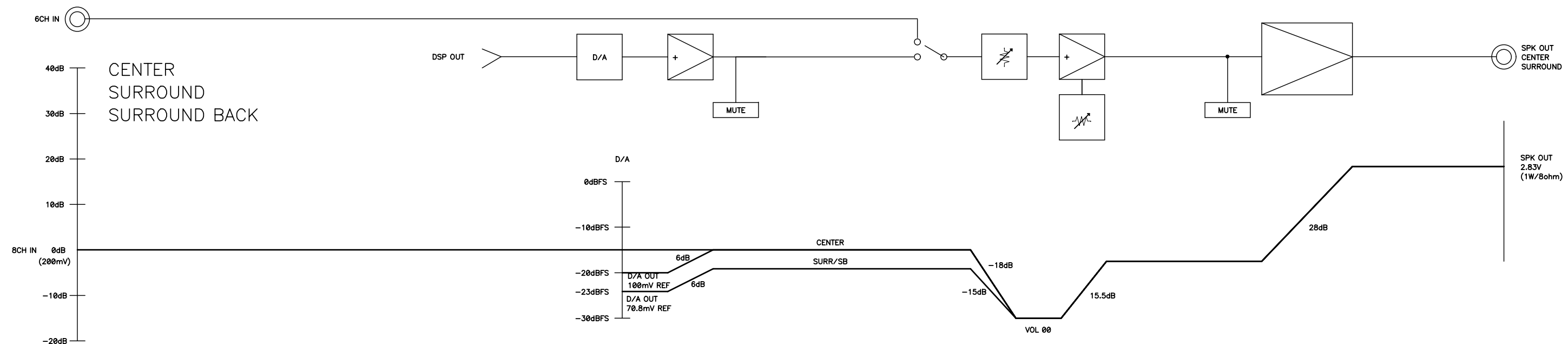
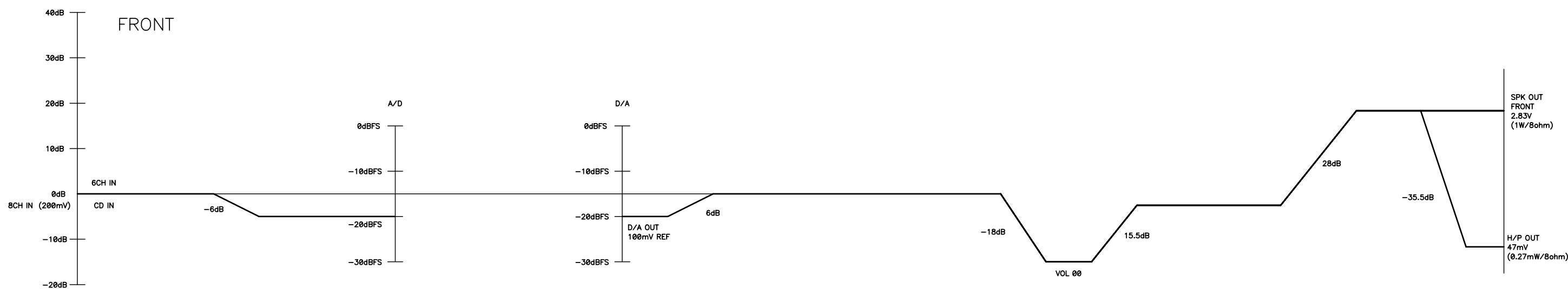
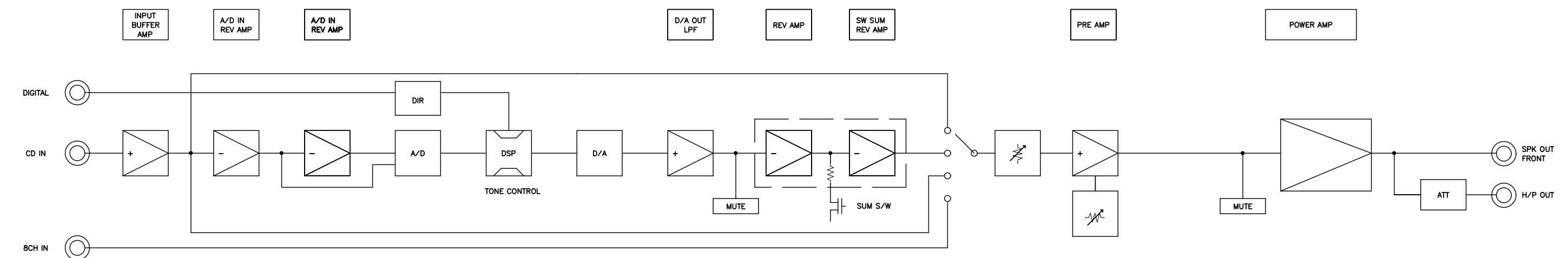
BLOCK DIAGRAM (2/3) VIDEO BLOCK DIAGRAM



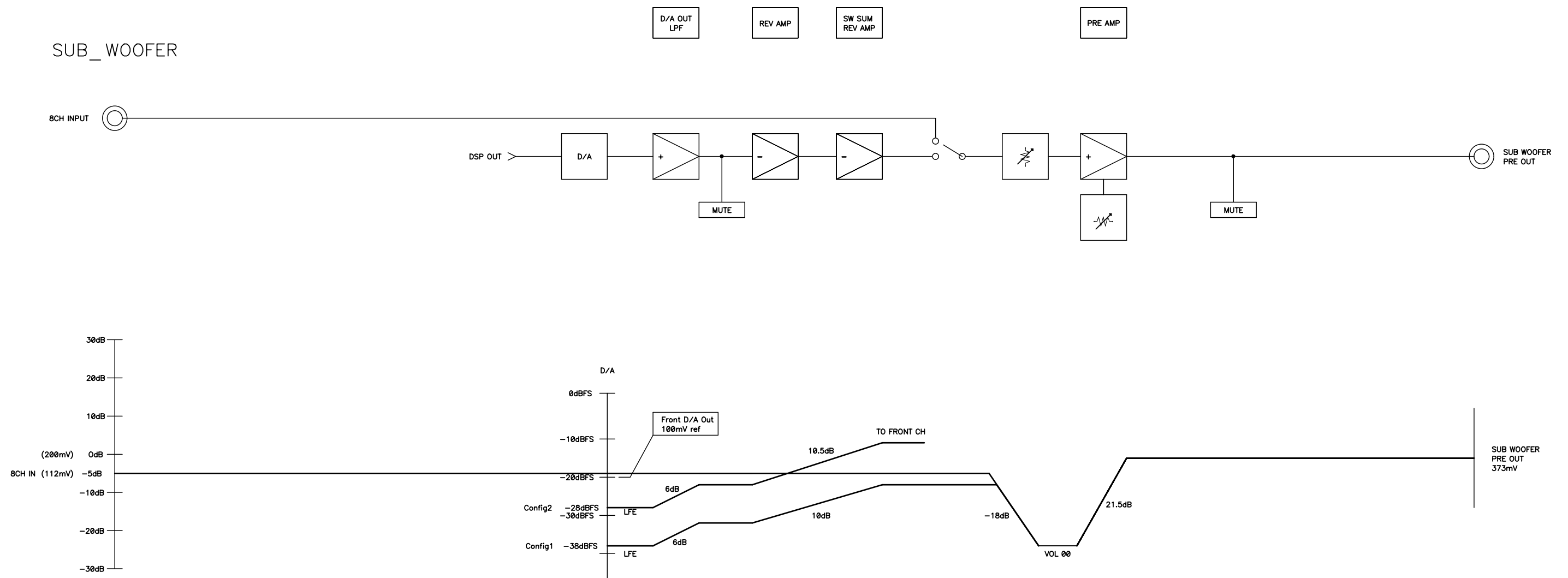
BLOCK DIAGRAM (3/3) POWER BLOCK DIAGRAM



LEVEL DIAGRAMS (1/2)



LEVEL DIAGRAMS (2/2)



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。

MAIN : MAIN UNIT

CPU : CPU UNIT

CNT : CNT UNIT

OPT. : OPTICAL UNIT

2CH-AMP : 2CH-AMP UNIT

INPUT : INPUT UNIT

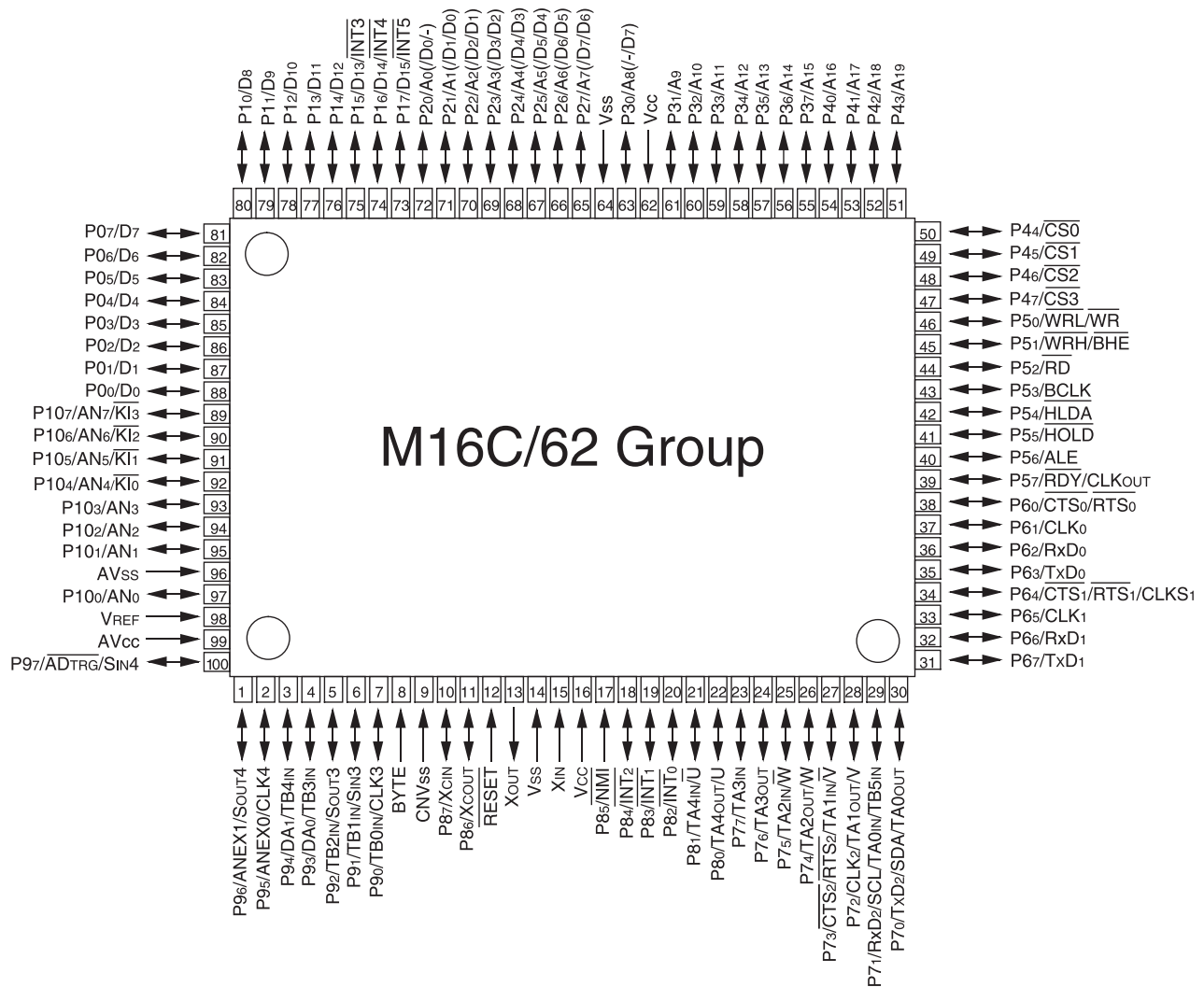
S-C VIDEO : S-C VIDEO UNIT

COMP. : COMPONENT UNIT

HDMI : HDMI UNIT

1. IC's

M30626 (CPU : IC202)



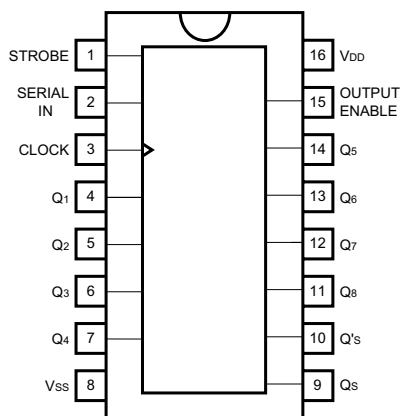
M30626 Terminal Function

PIN No.	PIN	PIN NAME	I/O	STBY	STOP	Function
1	P96/SOUT4	FLD_CP	O	O/L	O/L	FLD DRIVER control pin (16-ST-87GINK) CP 50
2	P95/CLK4	FLD_DA	O	O/L	O/L	FLD DRIVER control pin (16-ST-87GINK) DA 49
3	P94/TB4	FLD_CS	O	O/L	O/L	FLD DRIVER control pin (16-ST-87GINK) /CS 51
4	P93/TB3	ACKSUB	O	O/L	O/L	MAIN-SUB μ com comm. control pin
5	P92/SOUT3	MOSI	O	O/L	O/L	MAIN-SUB μ com comm. control pin
6	P91/SIN3	SOMI	I	O/L	O/L	MAIN-SUB μ com comm. control pin
7	P90/CLK3	CLKMO	O	O/L	O/L	MAIN-SUB μ com comm. control pin
8	BYTE	(BYTE)	GND	-	-	-
9	CNVCS	CNVSS	-	-	-	UP GRADE PIN

PIN No.	PIN	PIN NAME	I/O	STBY	STOP	Function
10	P87	FLD_RST	O	O/L	O/L	FLD DRIVER Reset control pin (16-ST-87GINK) /RESET 52
11	P86	RST_SUB	O	O/L	O/L	Sub μ com Reset control pin
12	RESET	RST	I	I	I	μ com RESET SIGNAL INPUT
13	XOUT	XOUT	O	-	-	OSILATOR CONNECTION
14	VSS	Vss	GND	-	-	GND
15	XIN	XIN	I	I	I	OSILATOR CONNECTION
16	VCC	Vcc1	5V	-	-	POWER 5V
17	P85/NMI	NMI	I	-	-	PULL-UP
18	P84/INT2	PWR_DOWN	I	I	I	Power down detect (Power down:L)
19	P83/INT1	RMC	I	I	I	Remote control signal input
20	P82/INT0	PROTECTION	I	I	I	PROTECTION SIGNAL INPUT
21	P81	7313 (1) _STB	O	O/L	O/L	Mode selector control pin (NJU7313A) IC203T ST 13 7313(1)_STB
22	P80	7313(2)_STB	O	O/L	O/L	Mode selector control pin (NJU7313A) IC204T ST 13 7313(1)_STB
23	P77	9274_STB	O	O/L	O/L	Analog selector control pin (TC9274-011) IC701 STB 23 9274_STB
24	P76	9273_STB	O	O/L	O/L	Analog selector control pin (TC9273-004) IC705 STB 16
25	P75	9273/7313_DT	O	O/L	O/L	Analog selector control pin (TC9273-004) IC705 DATA 15, (TC9274-011) IC701DATA 22 Mode selector control pin (NJU7313A) IC203T,204T DT 16
26	P74	9273/7313_CLK	O	O/L	O/L	Analog selector control pin (TC9273-004) IC705 CLK 14, (TC9274-011) IC701DT 21 Mode selector control pin (NJU7313A) IC203T,204T CLK 15
27	P73/CTS2	XM_COMMAND	O	O/L	O/L	XM RADIO control signal
28	P72/CLK2	XM_REQ	I	O/L	O/L	XM RADIO control pin
29	P71/RXD2	RX_MIXMO	I	I	O/L	XM RADIO control pin
30	P70/TXD2	TX_MOXMI	O	O/L	O/L	XM RADIO control pin
31	P67/TXD1	RS232C_TX	O	O/L	O/L	RS232C SIGNAL OUTPUT
32	P66/RXD1	RS232C_RX	I	I	O/L	RS232C SIGNAL INPUT
33	P65/CLK1	RS232C_PWR_SW	O	O/H	O/L	RS232C POWER control pin (STANDBY:H)
34	P64/CTS1	iPod_POWER	O	O/L	O/L	Not used
35	P63/TXD0	iPod_TX	O	O/L	O/L	iPod control pin
36	P62/RXD0	iPod_RX	I	O/L	O/L	iPod control pin
37	P61/CLK0	TURDSDATA (TURDSDATA)	O	O/L	O/L	PLL & RDS control pin
38	P60/CTS0	TUDOUT(DATAOUT)	I	I	O/L	TUNER PLL control pin
39	P57	TURDSCLK(CKTU)	O	O/L	O/L	PLL & RDS control pin
40	P56	TUSTB(STBTU)	O	O/L	O/L	TUNER PLL control pin
41	P55/EPM	RS232C_UP	I	I	I	UP GRADE PIN
42	P54	TUNED	I	O/L	O/L	TUNED SIGNAL INPUT
43	P53	STEREO	I	O/L	O/L	STEREO SIGNAL INPUT
44	P52	RDS_DOUT	I	I	O/L	LC72722 RESET
45	P51	RDS_CE	O	O/L	O/L	LC72722 CHIP ENABLE
46	P50/CE	RS232C_UP	O	I	I	UP GRADE PIN
47	P47	VOL_UP	I	O/L	O/L	MASTER VOLUME ENCODER(VEC301)
48	P46	VOL_DOWN	I	O/L	O/L	MASTER VOLUME ENCODER(VEC301)
49	P45	SEL_UP	I	O/L	O/L	SELECT ENCONDER(VEC302)
50	P44	SEL_DOWN	I	O/L	O/L	SELECT ENCONDER(VEC302)
51	P43	VERST	O	O/L	O/L	Video encoder reset (ADV7320)
52	P42	VDRST	O	O/L	O/L	Video decoder reset (ADV7403BSTZ-110)
53	P41	OSD_STB	O	O/L	O/L	MAIN OSD control pin
54	P40	OSD_CLK	O	O/L	O/L	MAIN OSD control pin
55	P37	OSD_DATA	O	O/L	O/L	MAIN OSD control pin
56	P36	OSD_RST	O	O/L	O/L	MAIN OSD control pin
57	P35	SYNC.DET	I	I	I	Sync. detect input for MAIN(H: Ext. synchronized)
58	P34	S-MON_DET	I	I	O/L	S-MONITOR DETECT
59	P33	COMP_VIDEO_DET	I	I	O/L	COMPONENT SIGNAL INPUT DETECT
60	P32	C_VI_DET	I	I	O/L	CONPOSIT SIGNAL INPUT DETECT
61	P31	S_VI_DET	I	I	O/L	S VIDEO SIGNAL INPUT DETECT
62	VCC	Vcc2	5V	-	-	POWER 5V
63	P30	-	-	-	-	-
64	VSS	(Vss)	GND	-	-	-
65	P27	V.EXPCLK	O	O/L	O/L	CLK output for video expander control (BU4094) IC1119,1120,1125(IC1127)CLK 3
66	P26	V.EXP	O	O/L	O/L	DATA output for video expander control (BU4094) IC1119,1120,1125(IC1127)DATA 2
67	P25	V.EXPSTB	O	O/L	O/L	STB output for video expander control (BU4094) IC1119,1120,1125(IC1127)STB 1
68	P24	V.EXPOE	O	O/L	O/L	OE output for video expander control (BU4094) IC1119,1120,1125(IC1127)OE 15
69	P23	VSCL	I/O	I	O/L	Video selector control pin (NJW1321)
70	P22	VSDA	I/O	I	O/L	Video selector control pin (NJW1321)
71	P21	FNC_UP	I	O/L	O/L	FUNCTION ENCODER (VEC303)
72	P20	FNC_DOWN	I	O/L	O/L	FUNCTION ENCODER (VEC303)
73	P17/INT5	MIC_DET	I	O/L	O/L	Microphone detect input
74	P16/INT4	REQSOMI	I	I	O/L	MAIN-SUB μ com comm. control pin
75	P15/INT3	POWER KEY	I	I	O/L	POWER ON/STAND BY detection terminal (Interrupt port for WAIT mode cancel)
76	P14/D12	POWER_RELAY	O	I	O/L	POWER RELAY CONTROL
77	P13/D11	STBY_LED(RED)	O	O/H	O/L	STBY LED RED CONTROL
78	P12/D10	94A27_STB	O	O/L	O/L	Volume control pin TA94A27(IC201T,202T) STB
79	P11/D9	94A27_CLK	O	O/L	O/L	Volume control pin TA94A27(IC201T,202T) CLK
80	P10/D8	94A27_DT	O	O/L	O/L	Volume control pin TA94A27(IC201T,202T) DATA
81	P07/D7	MUTE_POWER	O	O/L	O/L	MUTE CONTROL
82	P06/D6	4094_STB(RLY)	O	O/L	O/L	BU4094(IC551) STB
83	P05/D5	4094_STB(RLY_MUTE)	O	O/L	O/L	BU4094(IC553) STB
84	P04/D4	4094_STB(MUTE)	O	O/L	O/L	BU4094(IC552) STB
85	P03/D3	4094_DATA	O	O/L	O/L	Relay & Mute control pin (BU4094) IC551 ~ 3 DATA 2

PIN No.	PIN	PIN NAME	I/O	STBY	STOP	Function
86	P02/D2	4094_CLK	O	O/L	O/L	BU4094 (IC551,552,553) CLK control pin
87	P01/D1	RDS_RST	O	O/L	O/L	RDS RESET control pin
88	P00/D0	4094_EN	O	O/L	O/L	BU4094 (IC551,552,553) OUTPUT ENABLE control pin
89	P107/AN7	SCPU POWER	O	O/L	O/L	SCPU POWER CONTROL
90	P106/AN6	STBY_LED (GREEN)	O	O/L	O/L	STBYLED GREEN control pin
91	P105/AN5	KEY_IN1	I	O/L	O/L	KEY1 SIGNAL INPUT
92	P104/AN4	KEY_IN2	I	O/L	O/L	KEY2 SIGNAL INPUT
93	P103/AN3	KEY_IN3	I	O/L	O/L	KEY3 SIGNAL INPUT
94	P102/AN2	SET_OPTION	I	O/L	O/L	SET OPTION SELECT
95	P101/AN1	NC	I	-	-	Not used
96	AVSS	AVss	GND	-	-	GND
97	P100/AN0	HP_DET	I	O/L	O/L	HEAD PHONE DETECT
98	VREF	VREF	5V	-	-	VREF
99	AVCC	AVcc	5V	-	-	POWER 5V
100	P97/SIN4	iPod DOCK DET	I	O/L	O/L	DOCK's MINI JACK connection detect input (Connected:H)

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

BU4094BCFV (CNT : IC551-553)**Pin assignment of Audio extended IC.****BU4094 IC551 MUTE Control**

STB : Main uCom 84pin

PIN No.	PIN	PIN NAME	FUNCTION
4	Q1	Pre Front Mute TR Control	L : MUTE
5	Q2	Pre Center Mute TR Control	L : MUTE
6	Q3	Pre Surround Mute TR Control	L : MUTE
7	Q4	Pre Surround Back Mute TR Control	L : MUTE
14	Q5	Subwoofer Mute TR Control	L : MUTE
13	Q6	Surround Back Mute TR Control	L : MUTE
12	Q7	Surround Mute TR Control	L : MUTE
11	Q8	Center Mute TR Control	L : MUTE

BU4094 IC552 RELAY Control

STB : Main uCom 82pin

PIN No.	PIN	PIN NAME	FUNCTION
4	Q1	H/P Relay Control	H : HEAD PHONE ON
5	Q2	Center Speaker Relay Control	H : Center Speaker ON
6	Q3	Surround Speaker Relay Control	H : Surround Speaker ON
7	Q4	Surround Back Speaker Relay Control	H : Surround Back Speaker ON
14	Q5	Front Speaker A Relay Control	H : Front Speaker B ON
13	Q6	Front Speaker B Relay Control	H : Front Speaker A ON
12	Q7	XM DACMUTE Control	H : MUTE
11	Q8	XM DB Power Control	H : ON L : OFF

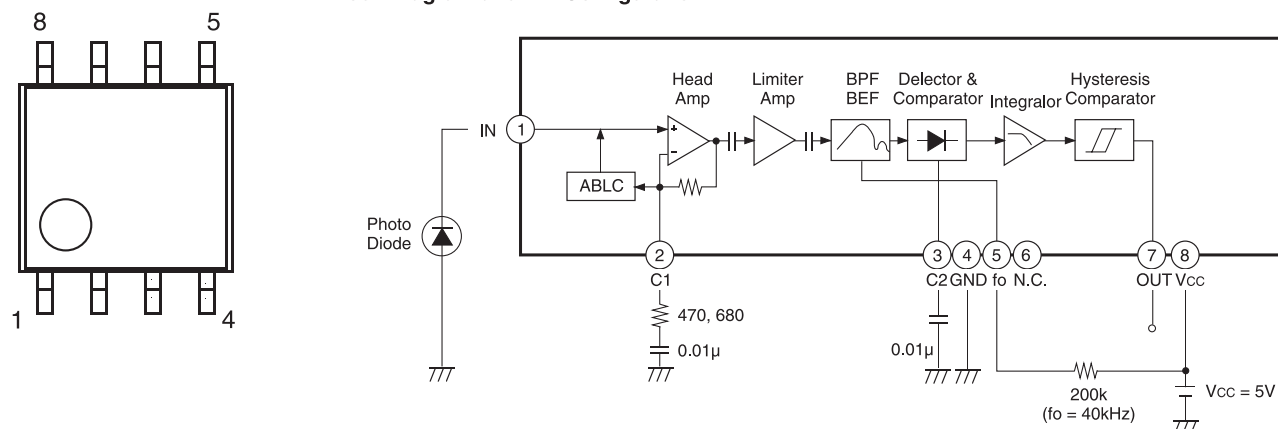
BU4094 IC553 MUTE&RELAY Control

STB : Main uCom 83pin

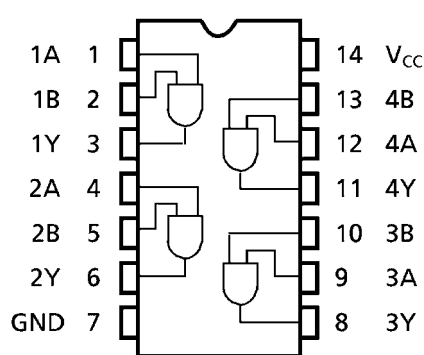
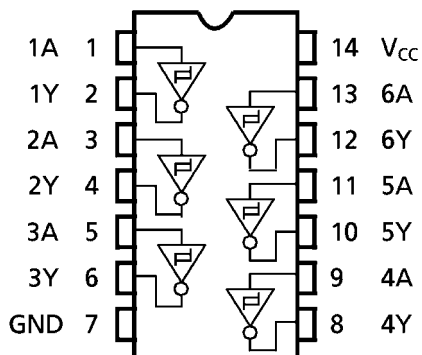
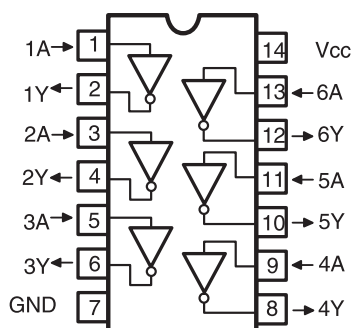
PIN No.	PIN	PIN NAME	FUNCTION
4	Q1	HDMI Power Control/VIDEO POWER	H : ON L : OFF
5	Q2	Multi Mute Control	L : MUTE
6	Q3	TUNER Mute TR Control	L : MUTE
7	Q4	BiAmp Relay Control	H : Biamp L : Surround Back/Zone2
14	Q5	Trigger2 Control	H : Trigger2 ON
13	Q6	Trigger1 Control	H : Trigger1 ON
12	Q7	Front Mute Control	L : Mute
11	Q8	XM RESET	L : RESET

CXA1511M-T4 (OPT. : IC1502)

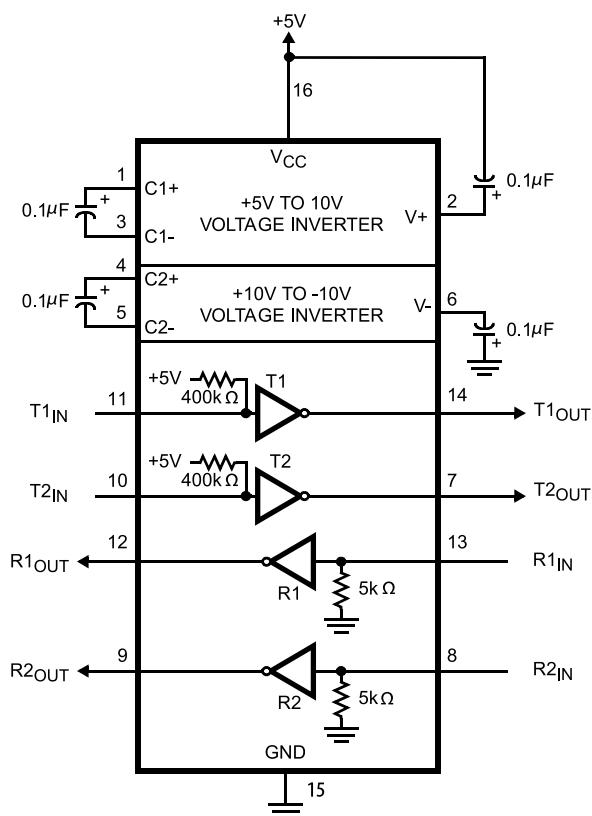
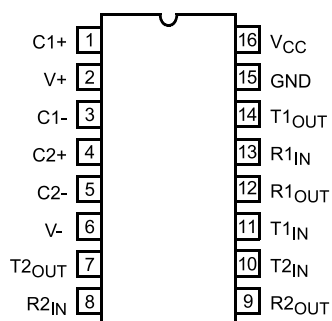
Block Diagram and Pin Configuration

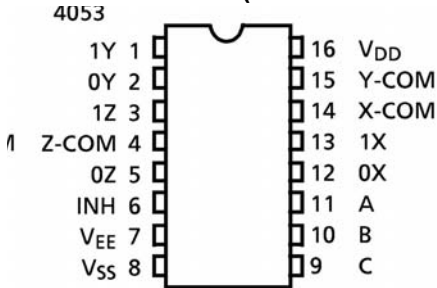


TC74VHCU04F (OPT. : IC1602) TC74VHC14F (OPT. : IC1603) TC74VHCT08AFT (OPT. : IC1604) SN74LV08APW-EL2 (HDMI : IC3028,3030)



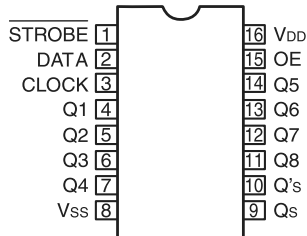
HIN202EIBNZ-T (OPT. : IC1702)



MM74HC4053SJ (S-C VIDEO. : IC1118)**TRUTH TABLE**

CONTROL INPUTS				"ON" CHANNEL		
INHIBIT	C△	B	A	4051	4052	4053
L	L	L	L	0	0X, 0Y	0X, 0Y, 0Z
L	L	L	H	1	1X, 1Y	1X, 0Y, 0Z
L	L	H	L	2	2X, 2Y	0X, 1Y, 0Z
L	L	H	H	3	3X, 3Y	1X, 1Y, 0Z
L	H	L	L	4	—	0X, 0Y, 1Z
L	H	L	H	5	—	1X, 0Y, 1Z
L	H	H	L	6	—	0X, 1Y, 1Z
L	H	H	H	7	—	1X, 1Y, 1Z
H	*	*	*	NONE	NONE	NONE

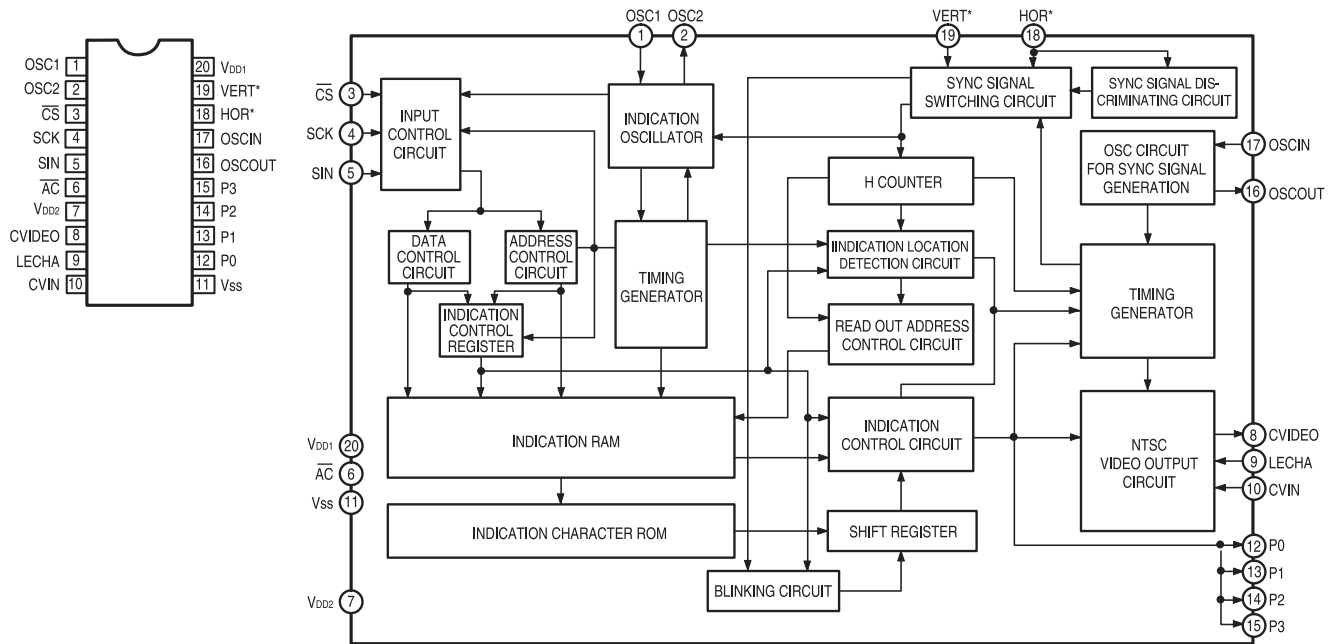
* : Don't Care △ Except 4052

BU4094BCFV (S-C VIDEO : IC1119,1120,1125)
(S-C VIDEO : IC1127 /AVC-1930 only)
**Pin assignment of Video extended IC.**

Mian uCom V.EXP DATA(66pin),CLK(65pin),OE(67pin),STB(68pin)

Bit	Port	Symbol	Function
IC1119	EXP1	IN A	Video input select(INPUT select)
	EXP2	IN B	Video input select(INPUT select)
	EXP3	IN C	Video input select(INPUT select)
	EXP4	Z1IN INH	Video input select(INPUT INH select)
	EXP5	REC A	Video output select(RECOUT select)
	EXP6	REC B	Video output select(RECOUT select)
	EXP7	REC C	Video output select(RECOUT select)
	EXP8	REC INH	Video output select(REC INH select)
IC1120	EXP9	VCR1 INH	RECOUT Video output select(VCR1 INH select)
	EXP10	VCR2 INH	RECOUT Video output select(VCR2 INH select)
	EXP11	Z2 INH	Not used
	EXP12	Z1 VMONIA	COMPOSIT MONITOR OUT Video output select
	EXP13	Z1 VMONIB	COMPOSIT MONITOR OUT Video output select
	EXP14	Z1 SMONIA	S MONITOR OUT video output select
	EXP15	Z1 SMONIB	S MONITOR OUT video output select
	EXP16	S2_OUT	OSD display control pin
IC1125	EXP17	S1_IN	OSD display control pin
	EXP18	Z1 VOSD	OSD display control pin
	EXP19	Z1 SOSD	OSD display 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	NC	Not used
	EXP24	NC	Not used
IC1125 AVC1930only	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

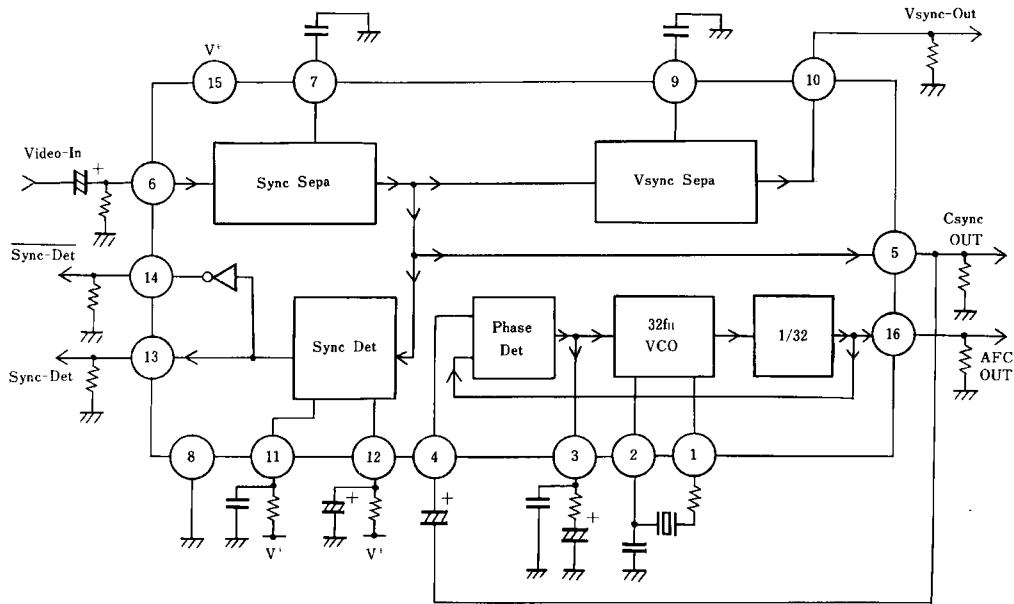
M35015-***SP (S-C VIDEO. : IC1123)



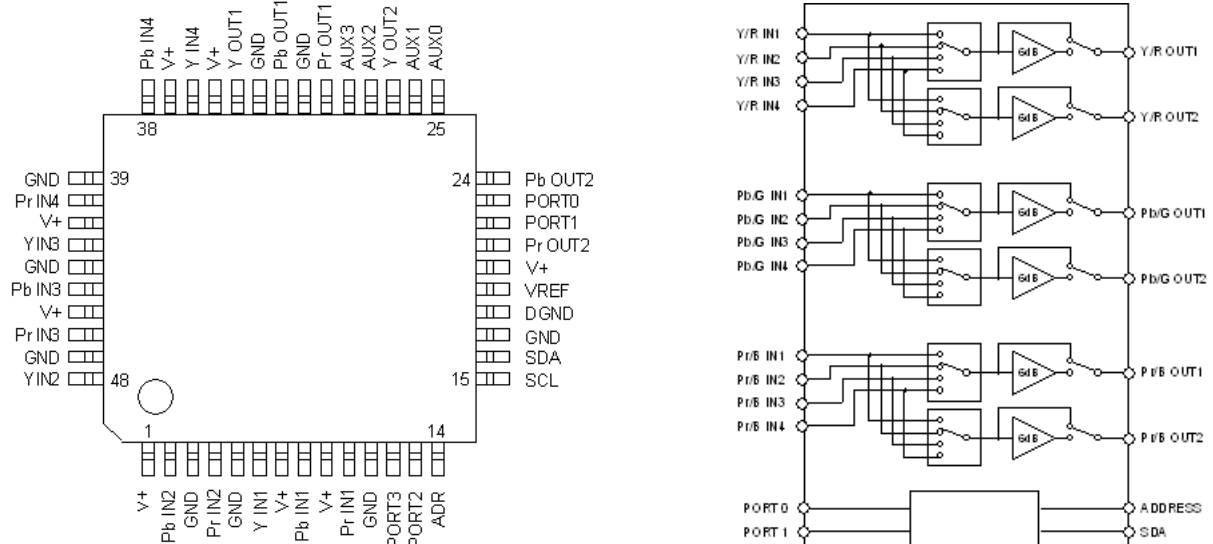
M35015- *** SP Terminal Function

Pin No.	Symbol	Name	I/O	Function
1	OSC1	Osc. circuit ext.	I	External terminal for indication oscillator circuit. Standard OSC. freq. is approx. 7MHz. With this OSC. freq., decides horizontal indication and character width.
2	OSC2	terminal.	O	
3	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	OSCOOUT	Ext. terminal for sync sig.	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	OSC. Circuit	I	
18	HOR*	Horizontal sync signal	I	Inputs horizontal sync signal. Hysteresis input.
19	VERT*	Vertical sync signal		Input vertical sync signal. Hysteresis input. Polarity can be selected at ROM mask.
20	VDD1	Power supply	I	Power supply terminal of digital system. Connect to +5V.

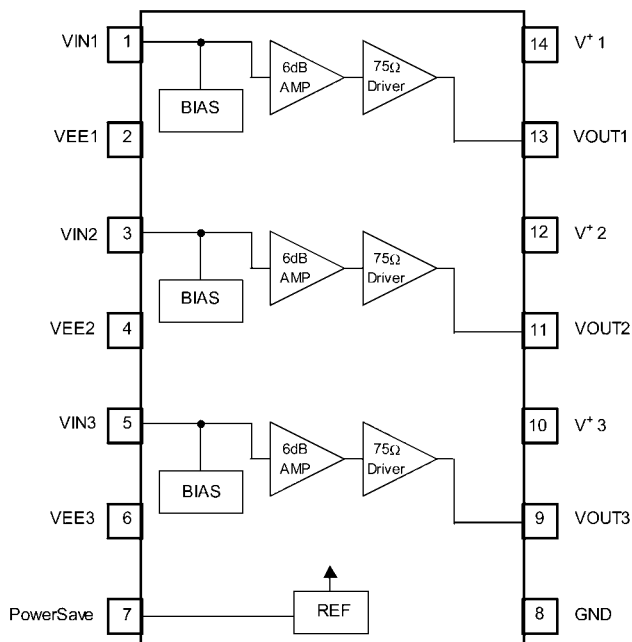
NJM2229M (S-C VIDEO : IC1126)

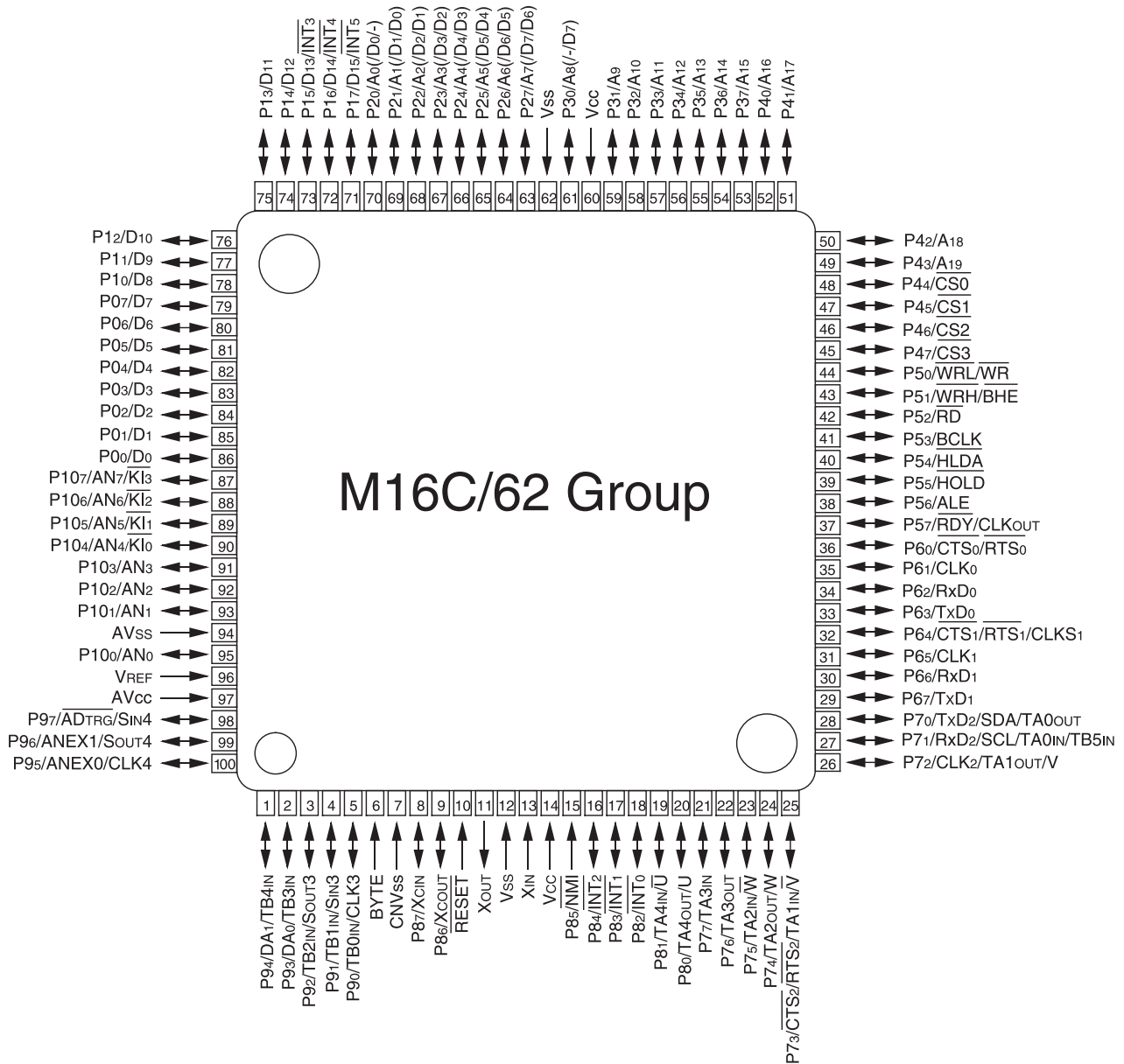


NJW1321FP1 (COMPO. : IC1301)



NJM2581M (COMPO. : IC1302,1303)



M30620FCPGP(2307-S) (HDMI : IC3031)**M30620FCPGP(2307-S) Terminal Function**

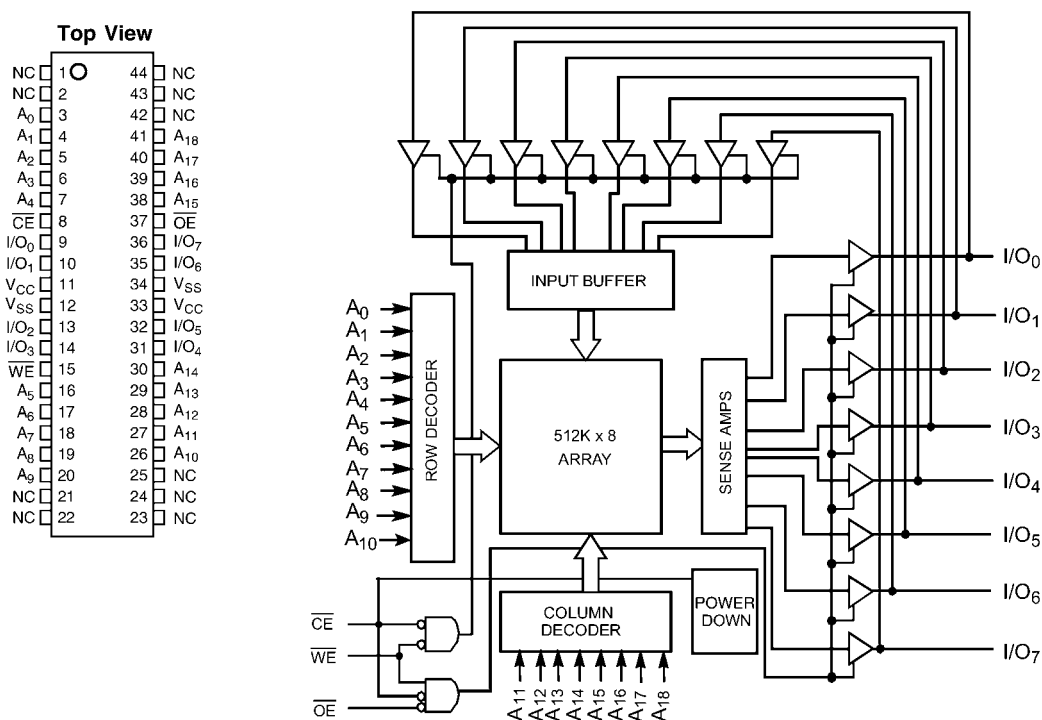
Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	FUNCTION
1	P94/TB4	89057_EMPHA	I	C	-	-	-	Z	DIR control pin(LC89057W-VF4-E) IC807 EMPHA/UO 32 89057_EMPHA
2	P93/TB3	89057_CE	O	C	-	-	-	Z	DIR control pin(LC89057W-VF4-E) IC807 CE 39 89057_CE
3	P92/SOUT3	89057_SDOUT	O	C	-	-	-	Z	DIR control pin(LC89057W-VF4-E) IC807 DI 38 // IC808 CIN 3 89057_1837_SDOUT
4	P91/SIN3	89057_SDIN	I	-	Lv	-	Eu	Z	DIR control pin(LC89057W-VF4-E) IC807 DO 37 89057_DIN/MIC_OVERLOAD
5	P90/CLK3	89057_SCLK	O	C	-	-	-	Z	DIDIR control pin(LC89057W-VF4-E) IC807 CL 40 // IC808 CCLK 51 89057_1837_SCLK
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	-	O	C	-	-	-	Z	Not used
17	P83/INT1	ACKSIMO	I	-	E ↓ &L	-	Ed	Z	MAIN/SUB-μcom control input (ACK from MAIN ?com L return)
18	P82/INT0	SUBBDOWN	I	-	E ↓ &L	-	Eu	Z	Power down detect (Power down: L)
19	P81	-	O	C	-	-	-	Z	Not used
20	P80	VSEL0	O	C	-	-	-	Z	Video PLD control pin (LC4064V-LC75TN100C)
21	P77	VSEL1	O	C	-	-	-	Z	Video PLD control pin (LC4064V-LC75TN100C)

Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	FUNCTION
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	ADAU1328_SDIN/ MIC_OVERLOAD	I	C	-	-	-	Z	CODEC control pin (AD1837) IC808 COUT 39 1837_SDIN
26	P72/CLK2	-	O	C	-	-	Ed	Z	Not used
27	P71/RXD2	SCL/EDID SCL	I/O	C	-	-	Eu	Z	VIDEO I2C/HDMI EDIT(E2PROM) control pin
28	P70/TXD2	SDA/EDID 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	ADAU1328_CE	O	C	-	-	Eu	Z	CODEC control pin (AD1837) IC808 CLATCH 2 1837_CE
38	P56	ADAU1328_RST	O	C	-	-	Eu	Z	CODEC control pin (AD1837) IC808 PD/RST (Way for IC821) 4 1837_RST
39	P55/EPM	(FRASH EPM)/ (AUTH)	I	-	Lv	-	-	Z	Rewrite boot program start: L input set)/(Test pin:AUTH)
40	P54	P1HPRMV1	O	C	-	-	-	Z	HP DET control pin for HDMI IN2 terminal
41	P53	POHPRMV1	O	C	-	-	-	Z	HP DET control pin for HDMI IN1 terminal
42	P52	ADAU1837_SDO UT	O	-	-	-	-	Z	CODEC control pin (AD1837) IC808 CIN 3 1837_SDOUT
43	P51	ADAU1837_SCLK	O	-	-	-	-	Z	CODEC control pin (AD1837) IC808 CCLK 51 1837_SCLK
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	-	I	-	-	-	-	Z	Not used
48	P44	-	I	-	-	-	-	Z	Not used
49	P43	INT1	I	-	E $\downarrow$ & L	-	-	Z	HDMI receiver(Sil9031)INT (HDMI IN1/2)
50	P42	-	I	-	-	-	-	Z	Not used
51	P41	SCDT1	I	-	-	-	-	Z	HDMI receiver(Sil9031)SCDT output (HDMI IN1/2)
52	P40	-	I	-	-	-	-	Z	Not used
53	P37	HDMI R_RST1	O	C	-	-	Ed	Z	HDMI receiver(Sil9031)reset(HDMI IN1/2)
54	P36	-	I	-	-	-	-	Z	Not used
55	P35	HDMI T_RST	O	C	-	-	Ed	Z	HDMI TRANSMITTER reset (Sil9030)
56	P34	HDMI SENS	I	-	Lv	-	-	Z	HDMI input signal detect input
57	P33	SW_SUM	O	C	-	-	Ed	Z	SW supplement control pin
58	P32	XMDACDATA	O	C	-	-	-	Z	XM DAC controlpin(AK4385ET) IC205X CDTI 8 XM_MIXMD
59	P31	XMDACCCLK	O	C	-	-	-	Z	XM DAC controlpin(AK4385ET) IC205X CCLK 7 XMDAC_CLK
60	VCC	VCC	-	-	-	-	-	-	+5V
61	P30	-	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)
62	VSS	VSS	-	-	-	-	-	-	GND
63	P27	-	O	C	-	-	-	Z	DAC control pin(PCM1791ADBR)
64	P26	XMDACRST	O	C	-	-	-	Z	XM DAC controlpin(AK4385ET) IC205X PDN 5 XMDACRST
65	P25	XMDACCS	O	C	-	-	-	Z	XM DAC controlpin(AK4385ET) IC205X CSN 6 XMDACCS
66	P24	(TDOHDMI)	I	-	-	-	-	Z	Not used
67	P23	(TCK)	O	-	-	-	-	Z	Not used
68	P22	(TDI)	O	-	-	-	-	Z	Not used
69	P21	(TMS)	I	-	-	-	-	Z	Not used
70	P20	-	O	C	-	-	Ed	Z	Not used
71	P17/INT5	(MIC DET)	O	C	-	-	-	Z	Not used
72	P16/INT4	-	O	C	-	-	-	Z	Not used
73	P15/INT3	-	O	C	-	-	-	Z	Not used
74	P14/D12	(BSE)	O	C	-	-	-	Z	Not used
75	P13/D11	(ERR MUTE)	O	C	-	-	-	Z	Not used
76	P12/D10	(HC151A)	O	C	-	-	-	Z	Not used
77	P11/D9	HC151B	O	C	-	-	Eu	-	Normal: H Writing flash ROM for DSP: L
78	P10/D8	(HC151C)	O	C	-	-	Eu	Z	Not used
79	P07/D7	VPP	O	C	-	-	Eu	Z	Normal: H Writing flash ROM for DSP: L
80	P06/D6	-	O	C	-	-	Ed	Z	DIR control pin(LC89057W-VF4-E)
81	P05/D5	-	O	C	-	-	Eu	Z	Not used
82	P04/D4	-	O	C	-	-	Eu	Z	Not used
83	P03/D3	89057_INT	I	-	E $\downarrow$ & L	-	Ed	Z	DIR control pin(LC89057W-VF4-E) IC807 INT 35 89057_INT
84	P02/D2	-	O	C	-	-	-	Z	Not used
85	P01/D1	-	O	C	-	-	-	Z	Not used
86	P00/D0	(89057_RST)	O	C	-	-	-	Z	Not used
87	P107/AN7	-	I	-	-	-	-	Z	Not used
88	P106/AN6	SHARC_RST	O	C	-	-	Ed	Z	DSP reset output pin (reset: L) /RST 121 SHARC_RST
89	P105/AN5	EEPROM_RST	O	C	-	-	Ed	Z	Memory reset for DSP (reset: L) IC805 RP 12 EEPROM_RST
90	P104/AN4	FLAG0	I	-	Lv	-	Ed	Z	DSP control pin (ADSP-21366) IC804 FLAG0 15 Flag0
91	P103/AN3	FLAG1	I	-	Lv	-	-	Z	DSP control pin (ADSP-21366) IC804 FLAG1 16 Flag1
92	P102/AN2	FLAG2	I	-	Lv	-	-	Z	DSP control pin (ADSP-21366) IC804 FLAG2 97 Flag2
93	P101/AN1	SHARC_CS	O	C	-	-	-	Z	DSP control pin (ADSP-21366) IC804 /SPICS 122 SHARC_CS
94	AVSS	AVSS	-	-	-	-	-	-	AD GND
95	P100/AN0	FLAG3	I	-	?	-	-	Z	DSP control pin (ADSP-21366) IC804 FLAG3 98 Flag3

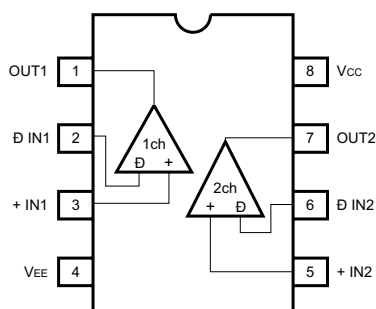
Pin	Pin Name	Symbol	I/O	Type	Det	Op (Int.)	Op (Ext.)	Res	FUNCTION
96	VREF	VREF	-	-	-	-	-	-	AD ref. +5V
97	AVCC	AVCC	-	-	-	-	-	-	AD +5V
98	P97/SIN4	SHARC_SDIN	I	-	Lv	-	Eu	Z	DSP control pin (ADSP-21366) IC804 MISO 126 SHARC_SDIN
99	P96/SOUT4	SHARC_SDOOUT	O	C	-	-	-	Z	DSP control pin (ADSP-21366) IC804 MISO 127 SHARC_SDOOUT
100	P95/CLK4	SHARC_SCLK	O	C	-	-	-	Z	DSP control pin (ADSP-21366) IC804 SPICLK 125 SHARC_SCLK

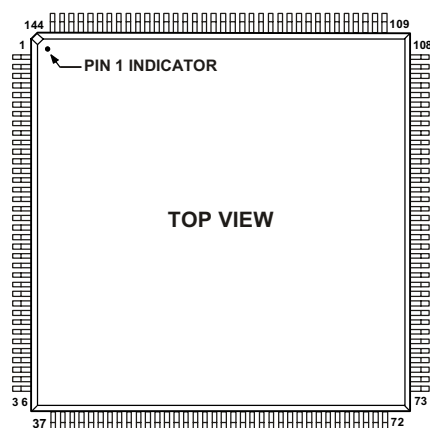
Note: Pin No. : Terminal number of microcomputer.
Port Name : The name entered in the data sheet of microcomputer.
Symbol : Symbolized interface function.
I/O : Input or out of part.
"i" = Input port
"O" = Output port
Type : Composition of port in case of output port.
"C" = CMOS output
"N" = NMOS open 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

AS7C340096A-10TCN (HDMI : IC806,817)



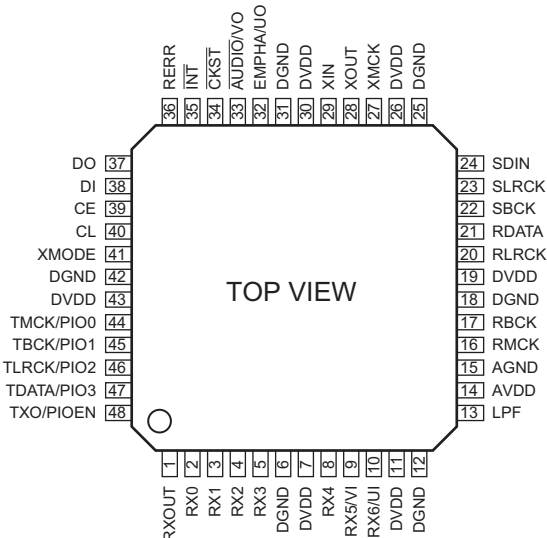
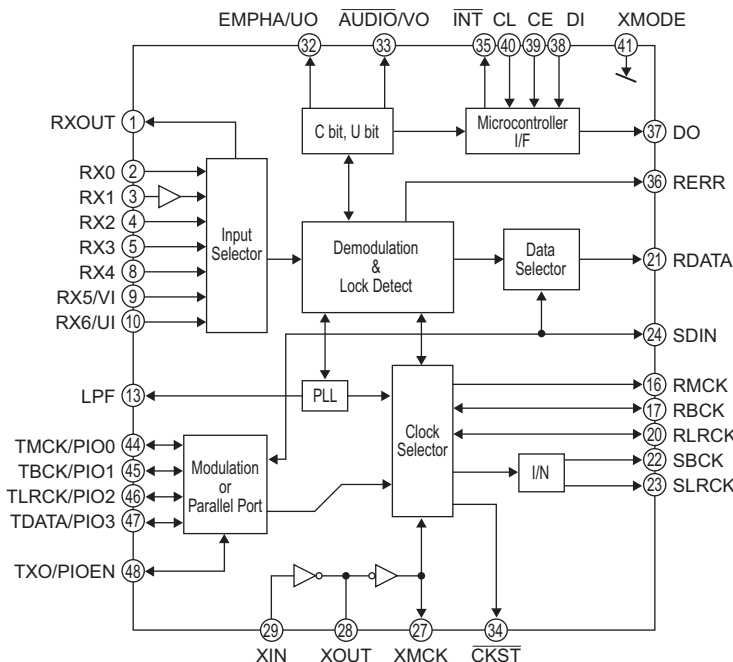
BA4510F-E2 (HDMI : IC815A,816A)



ADSP21266SKSTZ-2B-EC (HDMI : IC804)**ADSP21266SKSTZ-2B-EC Terminal Function**

Pin Name	LQFP Pin #	Pin Name	LQFP Pin #	Pin Name	LQFP Pin #	Pin Name	LQFP Pin #
V _{DDINT}	1	V _{DDINT}	37	V _{DDEXT}	73	GND	109
CLKCFG0	2	GND	38	GND	74	V _{DDINT}	110
CLKCFG1	3	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	<u>RESET</u>	121
GND	14	AD10	50	DAI_P16 (SD4B)	86	<u>SPIDS</u>	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	A _{VDD}	131
AD6	24	V _{DDINT}	60	V _{DDINT}	96	A _{VSS}	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
<u>WR</u>	35	DAI_P9 (SD2A)	71	V _{DDINT}	107	XTAL	143
V _{DDINT}	36	V _{DDINT}	72	V _{DDINT}	108	V _{DDEXT}	144

LC89057W-VF4-E(AC) (HDMI : IC807)



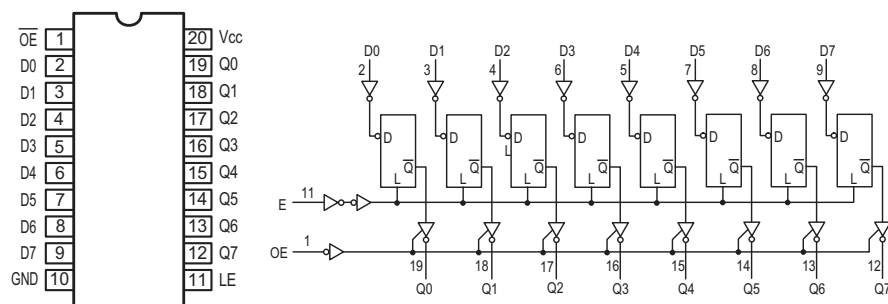
LC89057W Terminal Function

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

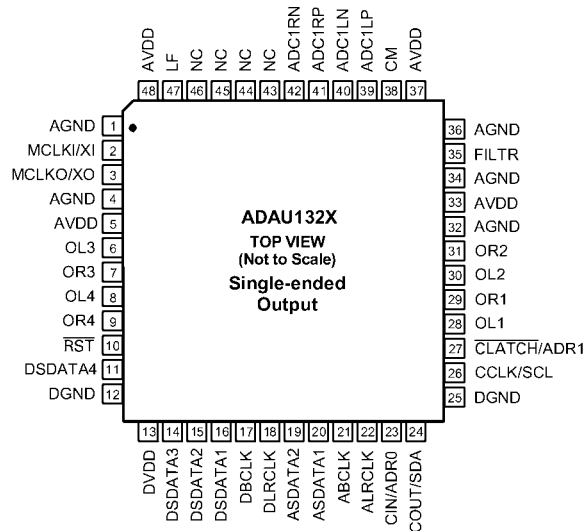
* For latch-up countermeasure, perform each power supply ON/OFF in the same timing.

SN74LV573APWR (HDMI : IC818,819)

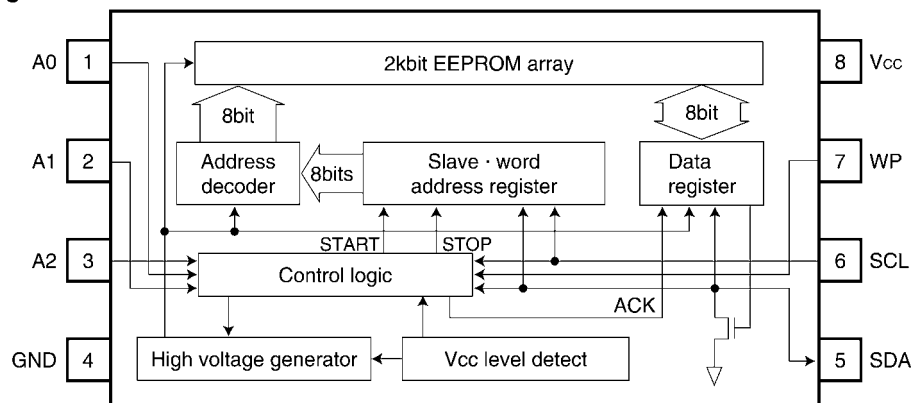
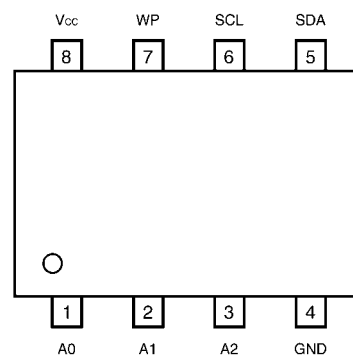


SN74LVC139APWR (HDMI : IC820)

FUNCTION TABLE (each decoder/demultiplexer)						
$\bar{G}$	INPUTS SELECT		OUTPUTS			
	B	A	Y3	Y2	Y1	Y0
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

ADAU1328BSTZ (HDMI : IC808)**ADAU1328BSTZ Terminal Function**

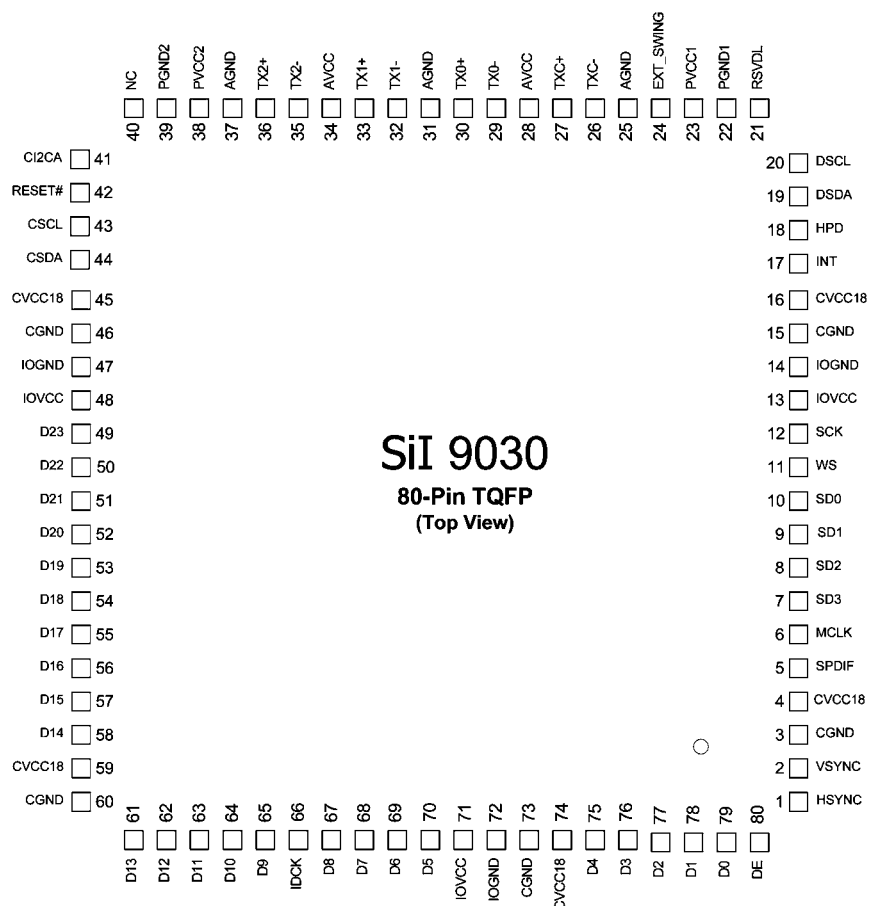
Pin No.	In/Out	Mnemonic	Description
1	I	AGND	Analog Ground.
2	I	MCLKI/XI	Master Clock Input/ Crystal Oscillator Input.
3	O	MCLK/XO	Master Clock Output/ Crystal Oscillator Output.
4	I	AGND	Analog Ground.
5	I	AVDD	Analog Power Supply. Connect to analog 3.3 V supply.
6	O	OL3	DAC 3 Left Output.
7	O	OR3	DAC 3 Right Output.
8	O	OL4	DAC 4 Left Output.
9	O	OR4	DAC 4 Right Output.
10	I	RST	Reset (Active Low).
11	I/O	DSDATA4	DAC Input 4 (Input to DAC 4 L and R)/DAC TDM Data Out 2/AUX ADC 1 Data In.
12	I	DGND	Digital Ground.
13	I	DVDD	Digital Power Supply. Connect to digital 3.3 V supply.
14	I/O	DSDATA3	DAC Input 3 (Input to DAC 3 L and R)/DAC TDM Data In 2/Aux DAC 2 Data Output.
15	I/O	DSDATA2	DAC Input 2 (Input to DAC 2 L and R)/DAC TDM Data Out/AUX ADC 1 Data In.
16	I	DSDATA1	DAC Input 1 (Input to DAC 1 L and R)/DAC TDM Data In/AUX ADC 2 Data In.
17	I/O	DBCLK	Bit Clock for DACs.
18	I/O	DLRCLK	LR Clock for DACs.
19	I/O	ASDATA2	ADC TDM Data Input/Aux DAC 1 Data Output.
20	O	ASDATA1	ADC Serial Data Output (ADC L and R)/ADC TDM Data Output.
21	I/O	ABCLK	Bit Clock for ADCs.
22	I/O	ALRCLK	LR Clock for ADCs.
23	O	CIN/ADR0	Control Data Input (SPI)/Address 0 (I ² C).
24	I	COUT/SDA	Control Data Output (SPI)/Serial Data (I ² C).
25	I	DGND	Digital Ground.
26	I	CCLK/SCL	Control Clock Input (SPI)/Serial Clock (I ² C).
27	I	CLATCH/ADR1	Latch Input for Control Data (SPI)/Address 1 (I ² C).
28	O	OL1	DAC 1 Left Output.
29	O	OR1	DAC 1 Right Output.
30	O	OL2	DAC 2 Left Output.
31	O	OR2	DAC 2 Right Output.
32	I	AGND	Analog Ground.
33	I	AVDD	Analog Power Supply. Connect to analog 3.3 V supply.
34	I	AGND	Analog Ground.
35	O	FILTR	Voltage Reference Filter Capacitor Connection. Bypass with 10 μ F 100 nF to AGND.
36	I	AGND	Analog Ground.
37	I	AVDD	Analog Power Supply. Connect to analog 3.3 V supply.
38	O	CM	Common Mode Reference Filter Capacitor Connection. Bypass with 47 μ F 100 nF to AGND.
39	I	ADC1LP	ADC1 Left Positive Input.
40	I	ADC1LN	ADC1 Left Negative Input.
41	I	ADC1RP	ADC1 Right Positive Input.
42	I	ADC1RN	ADC1 Right Negative Input.
43			No Connect.
44			No Connect.
45			No Connect.
46			No Connect.
47	O	LF	PLL Loop Filter, Return to AVDD.
48	I	AVDD	Analog Power Supply. Connect to analog 3.3 V supply.

BR24L02F-W (HDMI : IC3002,3005)**Block diagram****Pin configuration****Pin name**

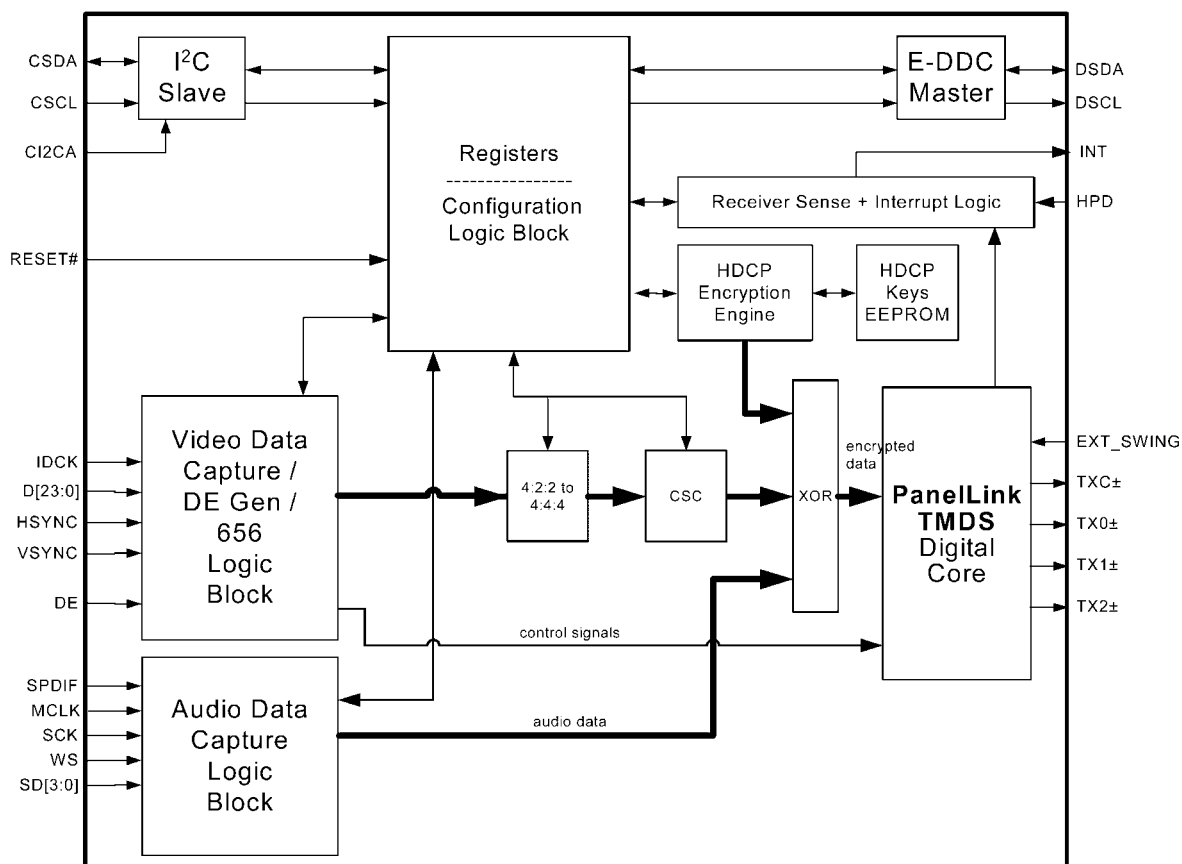
Pin name	I / O	Function
Vcc		Power supply
GND		Ground (0V)
A0, A1, A2	IN	Slave address set
SCL	IN	Serial clock input
SDA	IN / OUT	Slave and word address, serial data input, serial data output
WP	IN	Write protect input

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

Sil9030CTU-7 (HDMI : IC3006)



Functional Block Diagram



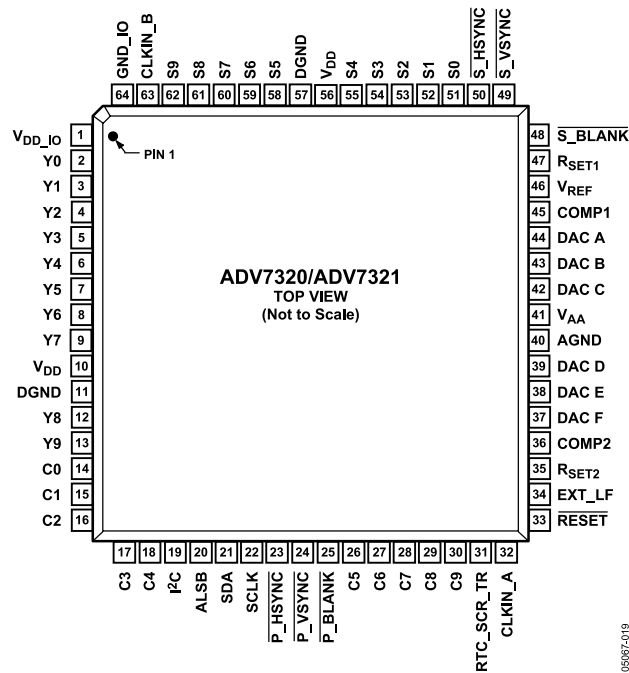
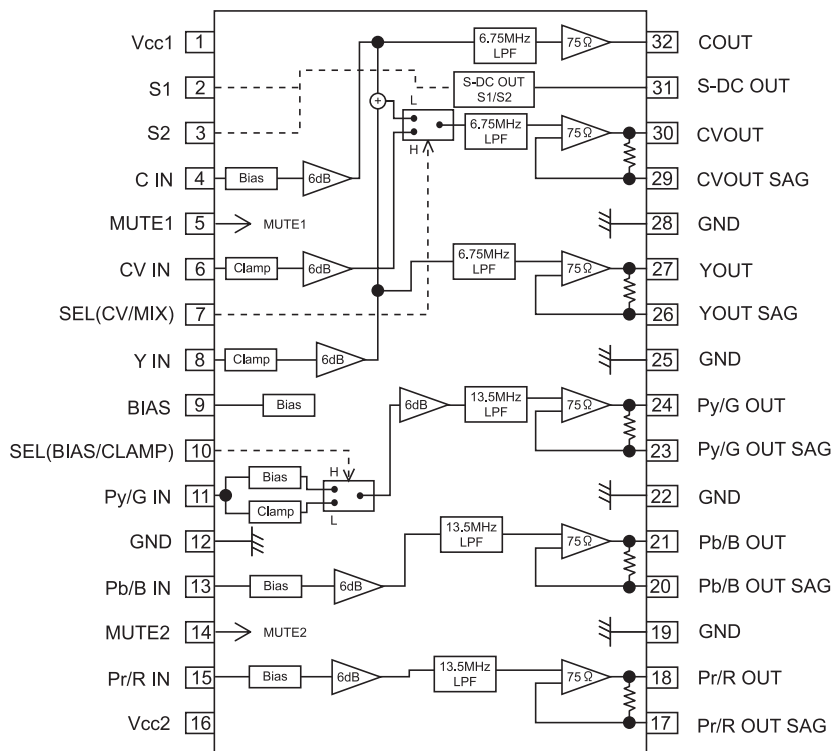
ADV7320 (HDMI : IC3017)

Table 6. Pin Function Descriptions

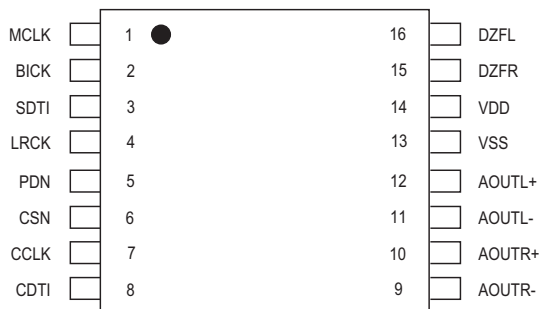
Pin No.	Mnemonic	Input/Output	Description
11, 57	DGND	G	Digital Ground.
40	AGND	G	Analog Ground.
32	CLKIN_A	I	Pixel Clock Input for HD (74.25 MHz Only, PS Only (27 MHz), SD Only (27 MHz).
63	CLKIN_B	I	Pixel Clock Input. Requires a 27 MHz reference clock for progressive scan mode or a 74.25 MHz (74.1758 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 μ F 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_HSYNC	I	Video Horizontal Sync Control Signal for HD in Simultaneous SD/HD Mode and HD Only Mode.
24	P_VSYNC	I	Video Vertical Sync Control Signal for HD in Simultaneous SD/HD Mode and HD Only Mode.
25	P_BLANK	I	Video Blanking Control Signal for HD in Simultaneous SD/HD Mode and HD Only Mode.
48	S_BLANK	I/O	Video Blanking Control Signal for SD Only.
49	S_VSYNC	I/O	Video Vertical Sync Control Signal for SD Only.
50	S_HSYNC	I/O	Video Horizontal Sync Control Signal for SD Only.
13,12, 9, 2	Y9 to Y0	I	SD or Progressive Scan/HDTV Input Port for Y Data. Input port for interleaved progressive scan data. The LSB is set up on Pin Y0. For 8-bit data input, LSB is set up on Y2.
30, 26, 18, 14	C9 to C0	I	Progressive Scan/HDTV Input Port 4:4:4 Input Mode. This port is used for the Cb[Blue/U] data. The LSB is set up on Pin C0. For 8-bit data input, LSB is set up on C2.

Pin No.	Mnemonic	Input/Output	Description
62-58 55-51 33	S9 to S0 RESET	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. 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.

BH7868FS (HDMI : IC3018)

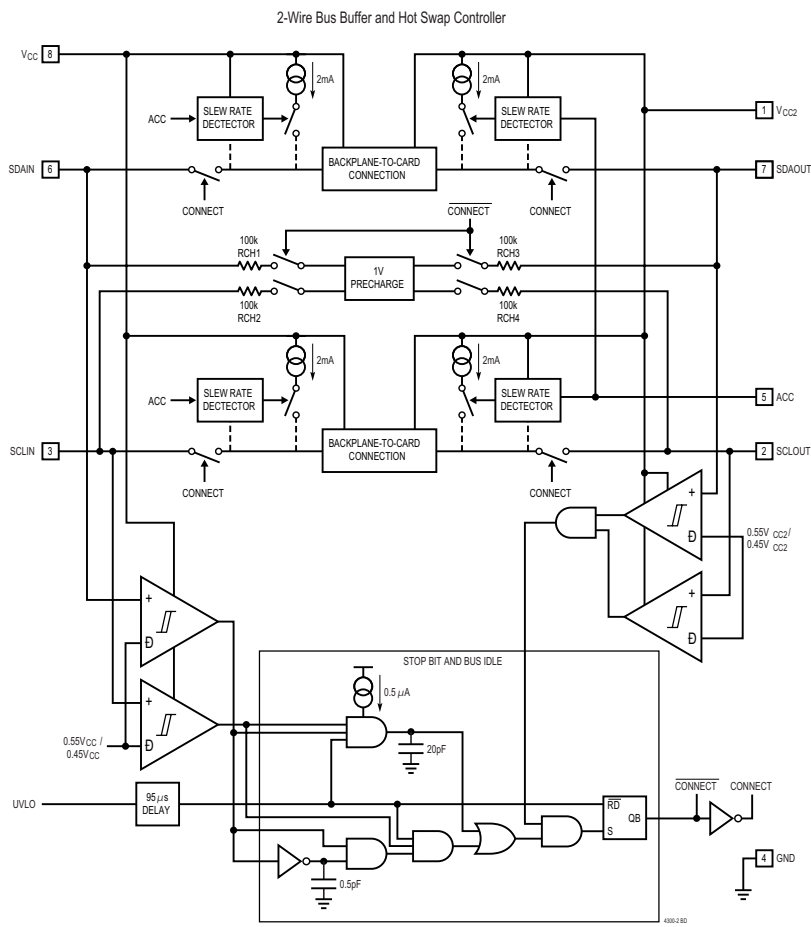


AK4385 (HDMI : IC3034)



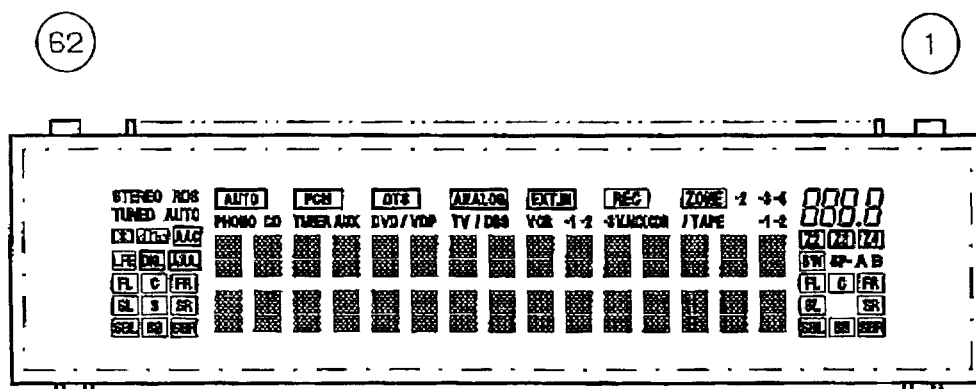
LTC4300-2CMS8 (HDMI : IC3021)

ENABLE/V _{CC2}	1	8	V _{CC}
SCLOUT	2	7	SDAOUT
SCLIN	3	6	SDAIN
GND	4	5	READY/ACC



2. FL DISPLAY

16-ST-87GINK (CPU : FL301)



PIN CONNECTION

PIN NO.	665555555544444	2109876543210987654
---------	-----------------	---

NOTE 1) F1, F2 --- Filament 4) NX ----- No extend pin
2) NP ----- No pin 5) DL ----- Datum Line
3) 16G ----- Grid

GRID ASSIGNMENT

16G	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	12G	13G	14G	15G	16G
STEREO RDS TUNED AUTO DQ DQ AAC LFE DIG. ANA FL C FR SL S SR SDL SD SDR	AUTO PHONO CD	PCM TUNER AUX	DTS DVD VDP	ANALOG TV DBS	EXT. IN VCR -1-2	REC -3-4 AUX COR	ZONE -2 -3-4	TAPE -1-2	0000 0000 22 23 24 SW SP- A B FL C FR SL SA SDL SD SDR							

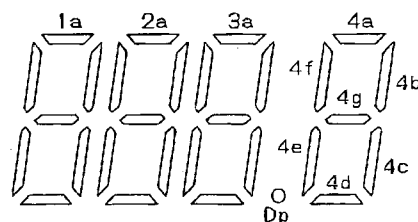
(上段)

1-1 B	2-1 B	3-1 B	4-1 B	5-1 B
1-2 B	2-2 B	3-2 B	4-2 B	5-2 B
1-3 B	2-3 B	3-3 B	4-3 B	5-3 B
1-4 B	2-4 B	3-4 B	4-4 B	5-4 B
1-5 B	2-5 B	3-5 B	4-5 B	5-5 B
1-6 B	2-6 B	3-6 B	4-6 B	5-6 B
1-7 B	2-7 B	3-7 B	4-7 B	5-7 B

(下段)

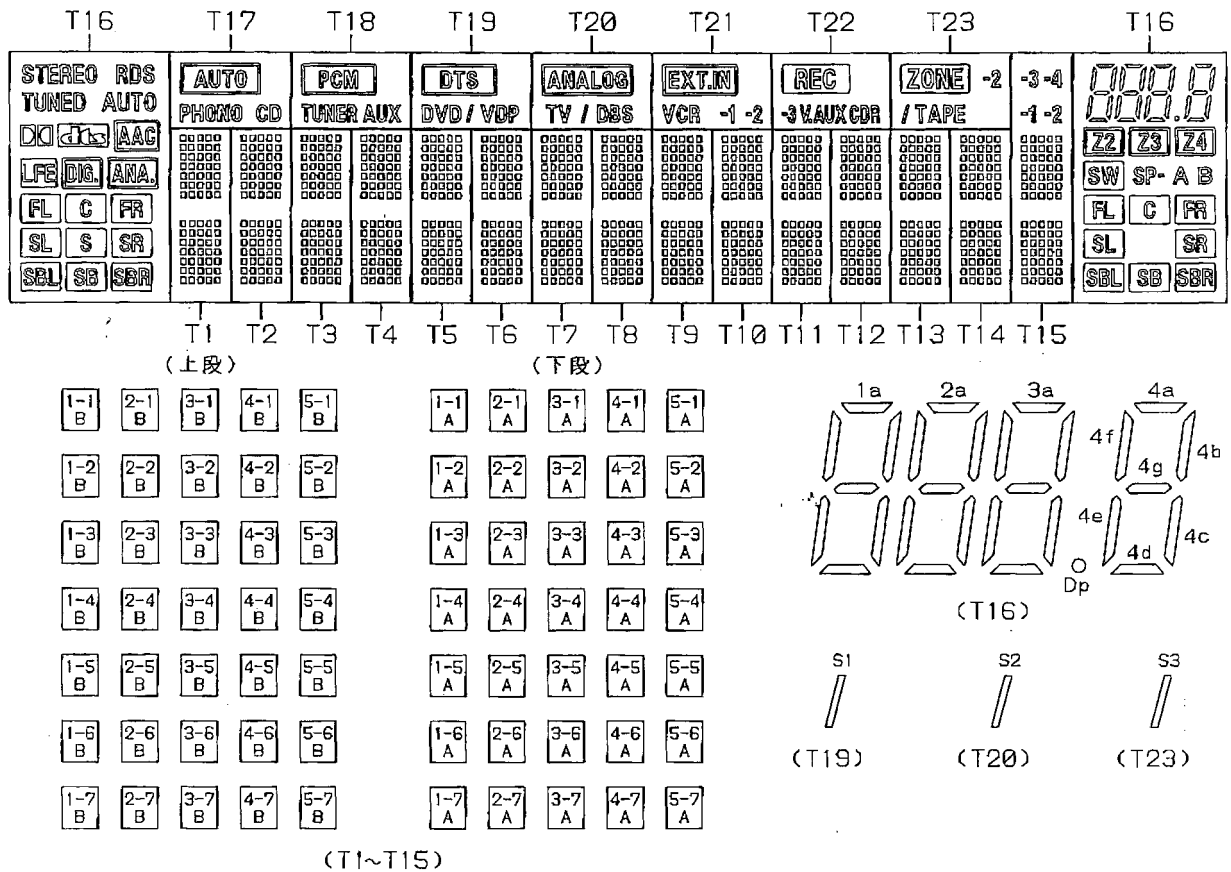
1-1 A	2-1 A	3-1 A	4-1 A	5-1 A
1-2 A	2-2 A	3-2 A	4-2 A	5-2 A
1-3 A	2-3 A	3-3 A	4-3 A	5-3 A
1-4 A	2-4 A	3-4 A	4-4 A	5-4 A
1-5 A	2-5 A	3-5 A	4-5 A	5-5 A
1-6 A	2-6 A	3-6 A	4-6 A	5-6 A
1-7 A	2-7 A	3-7 A	4-7 A	5-7 A

(1G~15G)



(16G)

TIMING ASSIGNMENT



ANODE TIMING CHART

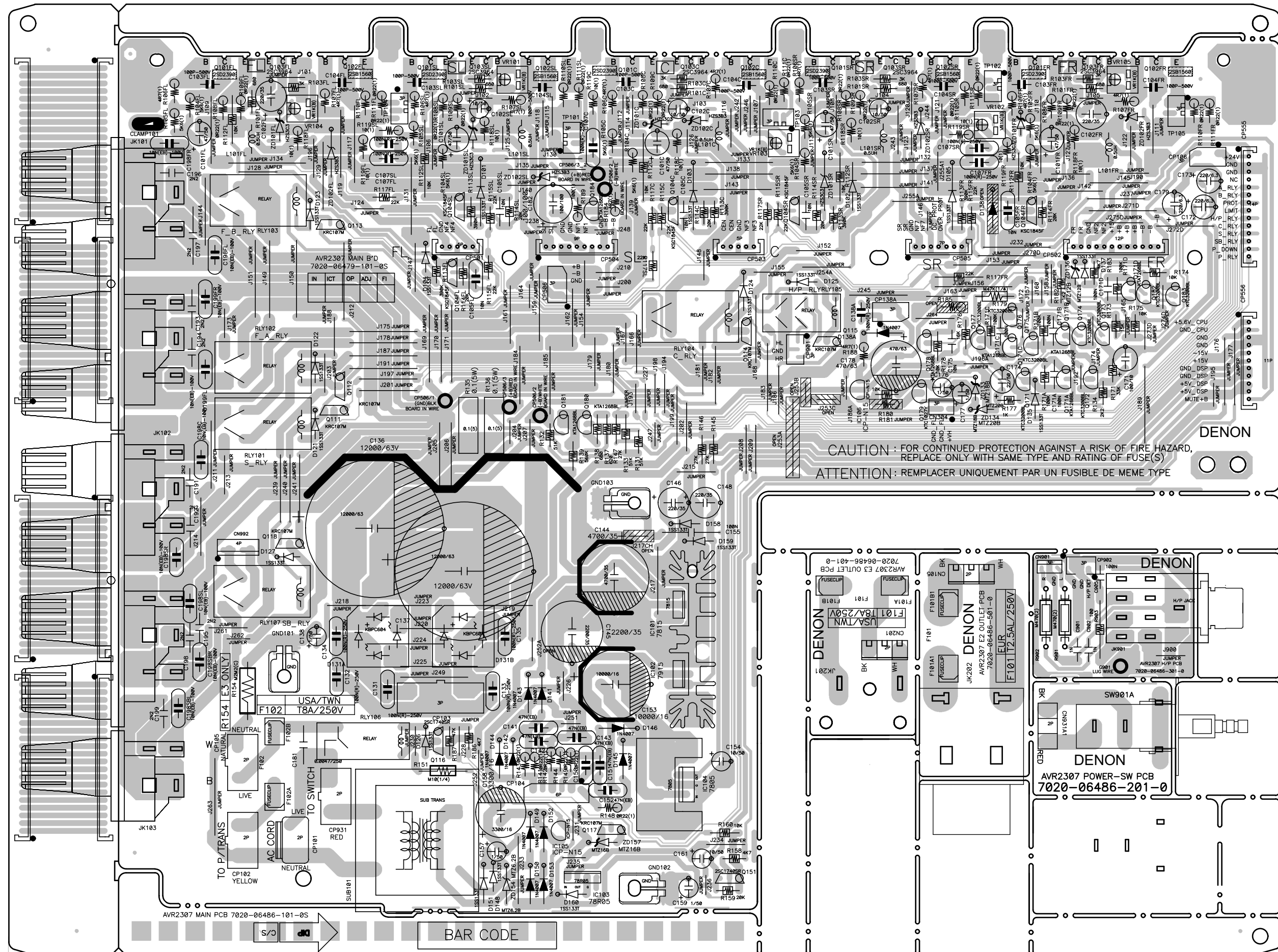
	T1~T14	T15	T16	T17	T18	T19	T20	T21	T22	T23
D0A	1-1A	1-1A	Dp							
D1A	2-1A	2-1A	1d							
D2A	3-1A	3-1A	2d							
D3A	4-1A	4-1A	3d							
D4A	5-1A	5-1A	4d							
D5A	1-2A	1-2A								
D6A	2-2A	2-2A	1e							
D7A	3-2A	3-2A	2e							
D8A	4-2A	4-2A	3e							
D9A	5-2A	5-2A	4e							
D10A	1-3A	1-3A								
D11A	2-3A	2-3A	1c							
D12A	3-3A	3-3A	2c							
D13A	4-3A	4-3A	3c							
D14A	5-3A	5-3A	4c							
D15A	1-4A	1-4A								
D16A	2-4A	2-4A	1g							
D17A	3-4A	3-4A	2g							
D18A	4-4A	4-4A	3g							
D19A	5-4A	5-4A	4g							
D20A	1-5A	1-5A								
D21A	2-5A	2-5A	1f							
D22A	3-5A	3-5A	2f							
D23A	4-5A	4-5A	3f							
D24A	5-5A	5-5A	4f							
D25A	1-6A	1-6A								
D26A	2-6A	2-6A	1b							
D27A	3-6A	3-6A	2b							
D28A	4-6A	4-6A	3b							
D29A	5-6A	5-6A	4b							
D30A	1-7A	1-7A								
D31A	2-7A	2-7A	1a							
D32A	3-7A	3-7A	2a							
D33A	4-7A	4-7A	3a							
D34A	5-7A	5-7A	4a							

ANODE TIMING CHART

	T1~T14	T15	T16	T17	T18	T19	T20	T21	T22	T23
D0B	1-1B	1-1B	Z2							
D1B	2-1B	2-1B	Z3							
D2B	3-1B	3-1B	Z4							
D3B	4-1B	4-1B								
D4B	5-1B	5-1B	DL							
D5B	1-2B	1-2B	FL							
D6B	2-2B	2-2B	AL							
D7B	3-2B	3-2B	LFE							
D8B	4-2B	4-2B	DL							
D9B	5-2B	5-2B	AL							
D10B	1-3B	1-3B								
D11B	2-3B	2-3B								
D12B	3-3B	3-3B								
D13B	4-3B	4-3B	SW							
D14B	5-3B	5-3B	SP-A							
D15B	1-4B	1-4B	A							
D16B	2-4B	2-4B	B							
D17B	3-4B	3-4B	FL (L)							
D18B	4-4B	4-4B	C (L)							
D19B	5-4B	5-4B	FR (L)							
D20B	1-5B	1-5B	SL (L)							
D21B	2-5B	2-5B	SR (L)							
D22B	3-5B	3-5B	SBL (L)							
D23B	4-5B	4-5B	SB (L)							
D24B	5-5B	5-5B	SBR (L)							
D25B	1-6B	1-6B								
D26B	2-6B	2-6B	FL (R)							
D27B	3-6B	3-6B	C (R)							
D28B	4-6B	4-6B	FR (R)							
D29B	5-6B	5-6B	SL (R)							
D30B	1-7B	1-7B	S							
D31B	2-7B	2-7B	SR (R)							
D32B	3-7B	3-7B	SBL (R)							
D33B	4-7B	4-7B	SB (R)							
D34B	5-7B	5-7B	SBR (R)							
AD1		-3	STEREO	AUTO	PCM	DTS	ANALOG	EXT IN	REC	ZONE
AD2		-4	RDS	PHONO	TUNER	DVD	TV	VCR	-3	-2
AD3		-1	TUNED	CD	AUX	S1	S2	-1	VAUX	S3
AD4		-2	AUTO			VDP	DBS	-2	COR	TAPE

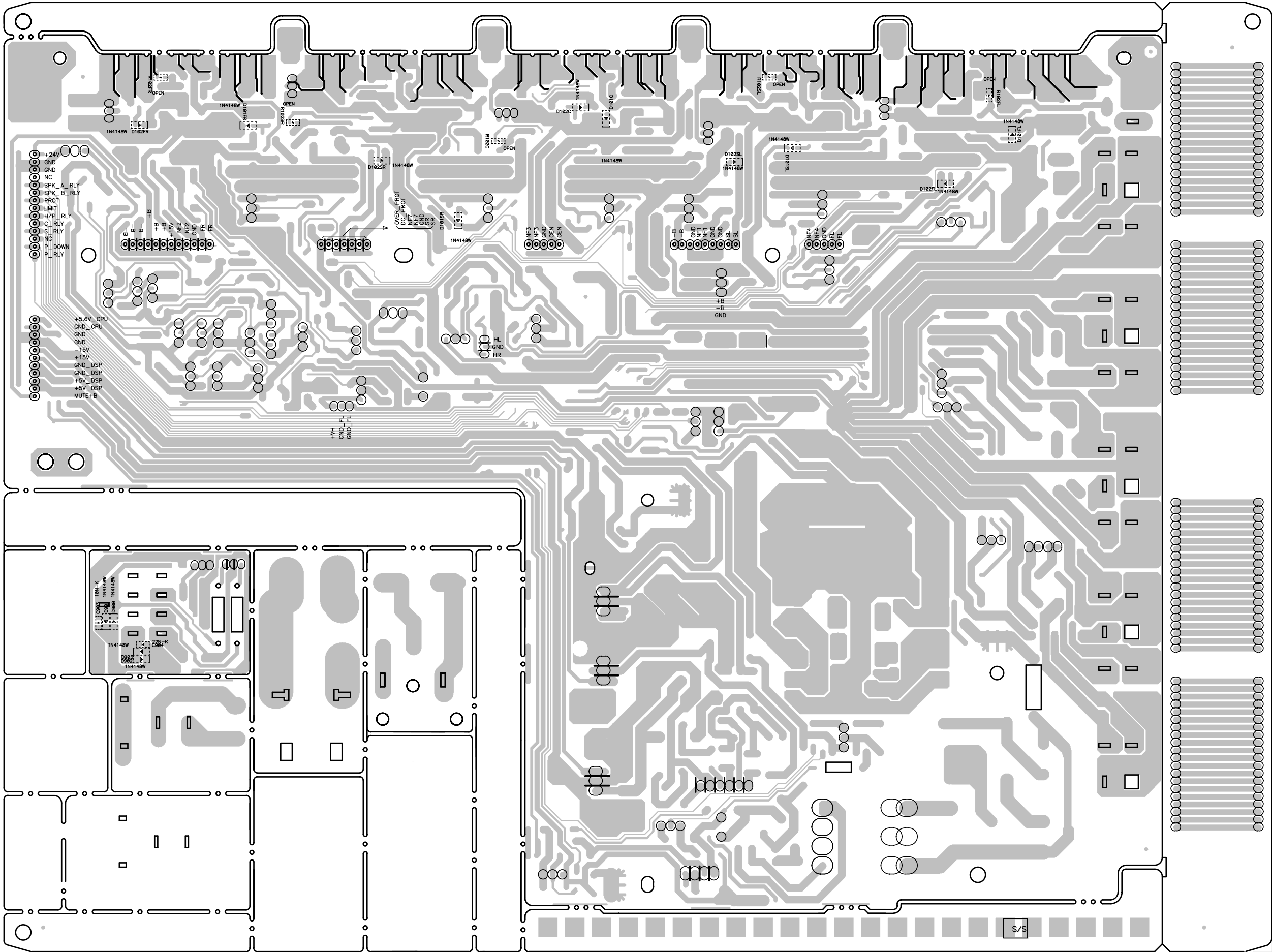
PRINTED WIRING BOARDS

MAIN UNIT (1/2)



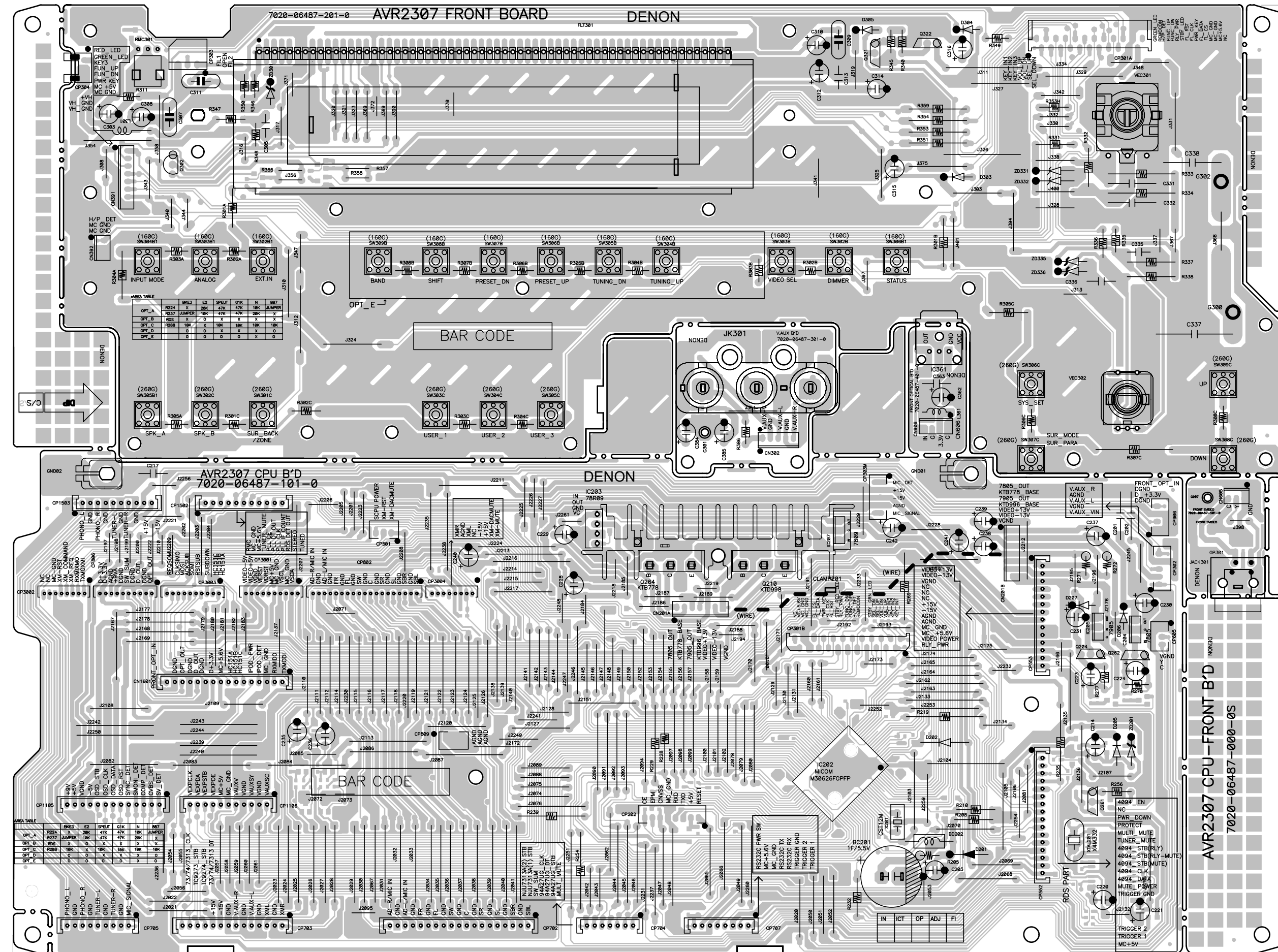
COMPONENT SIDE

MAIN UNIT (2/2)

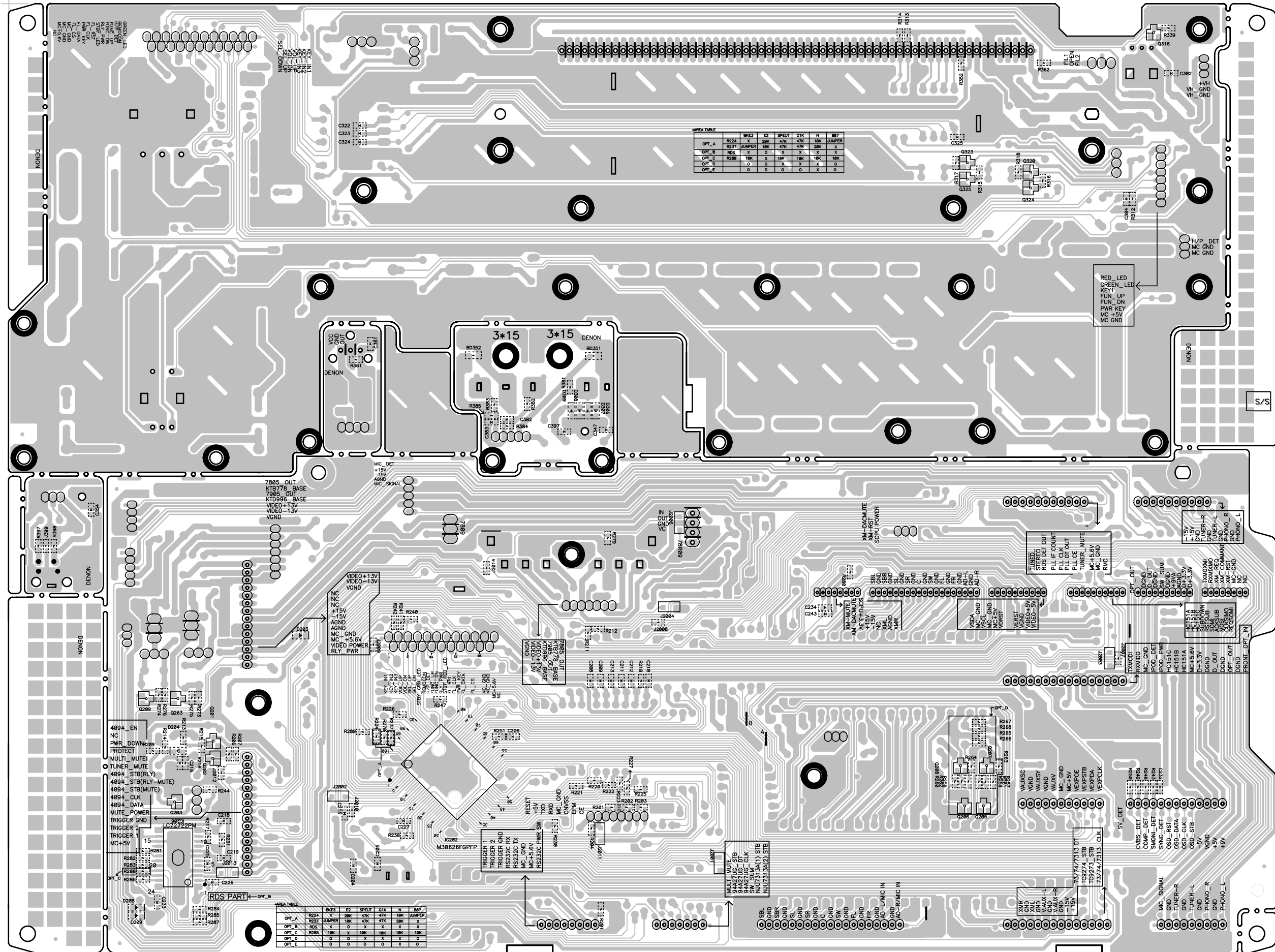


FOIL SIDE

CPU UNIT (1/2)

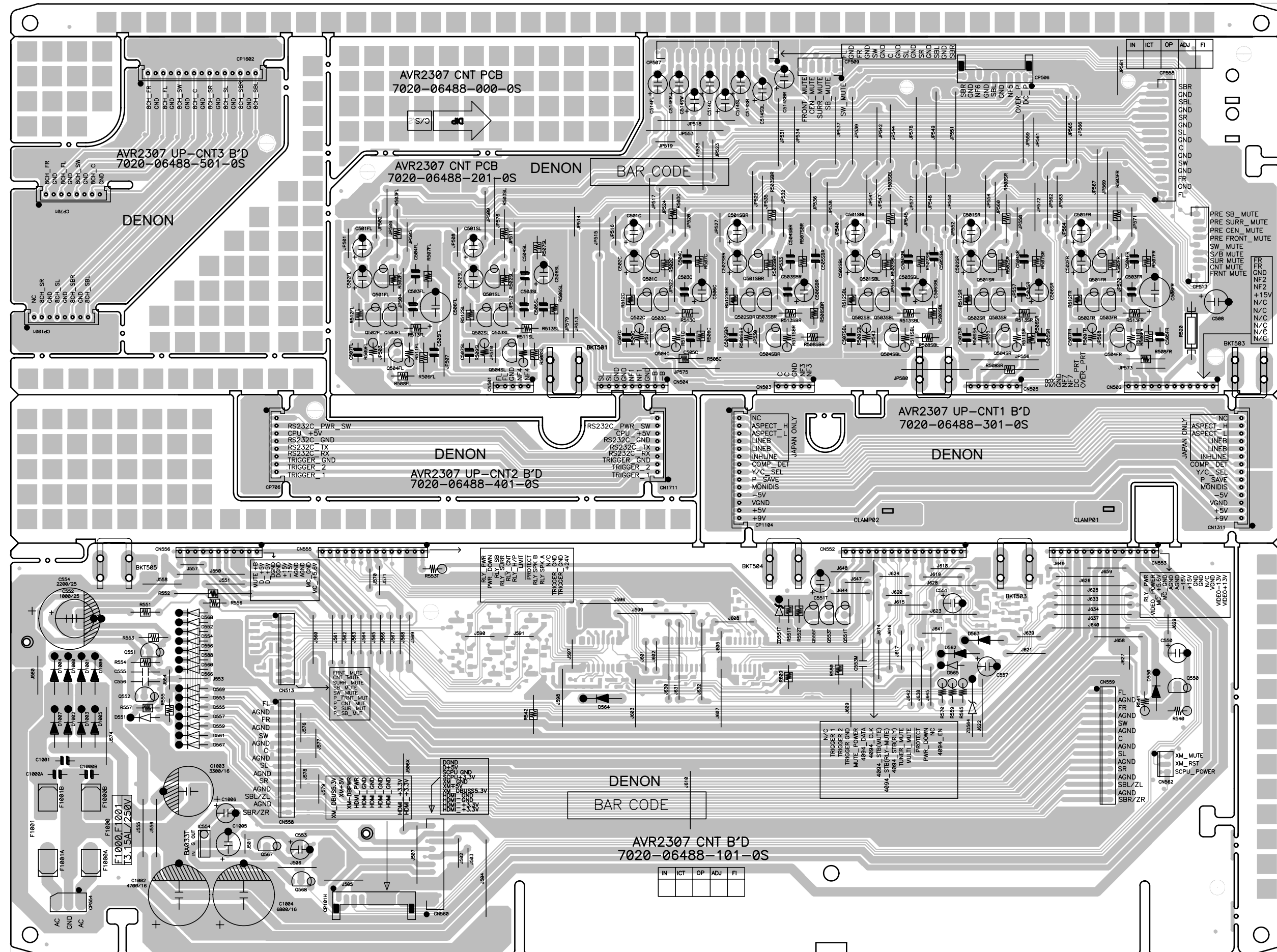


CPU UNIT (2/2)

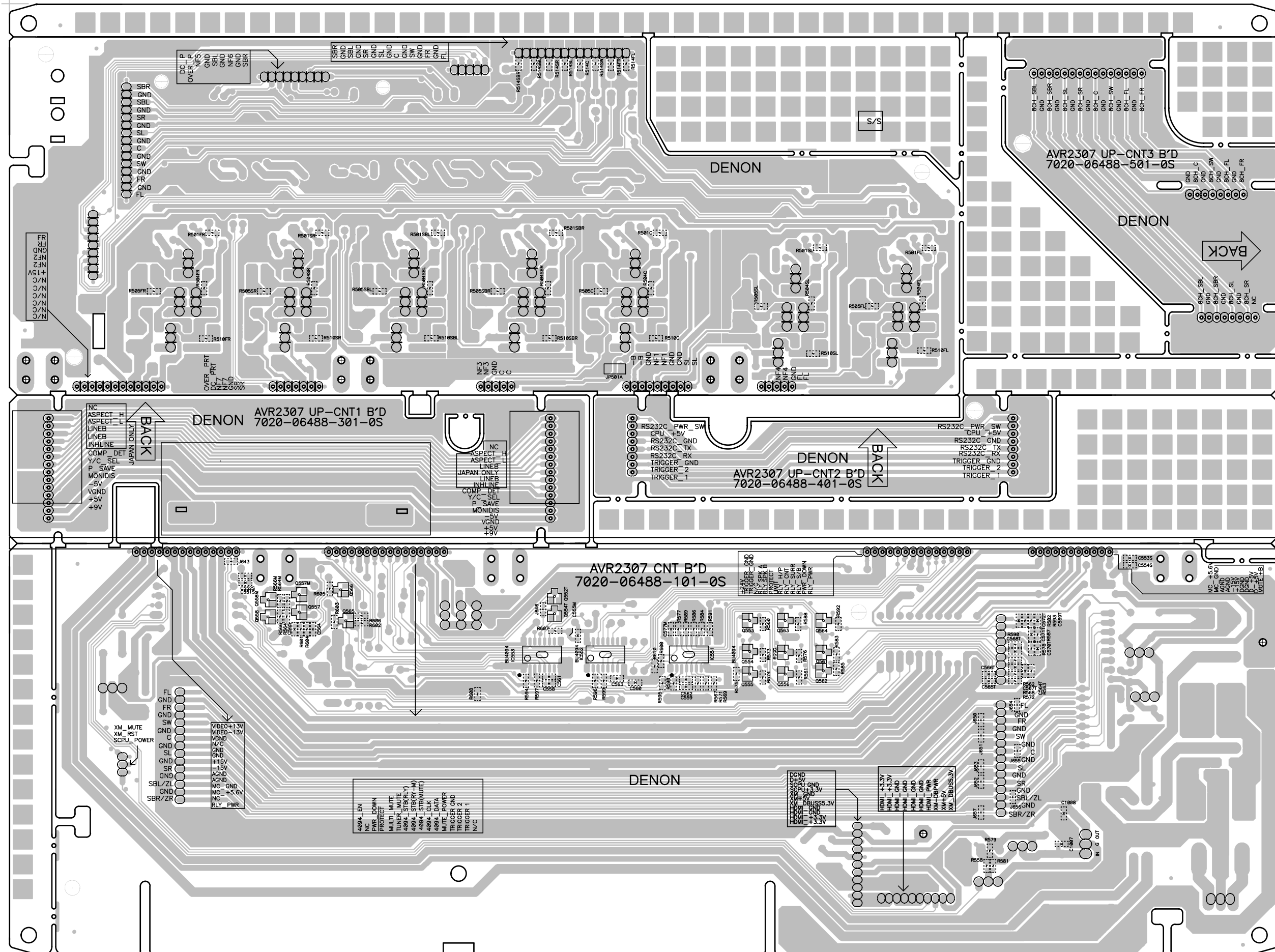


FOIL SIDE

CNT UNIT (1/2)

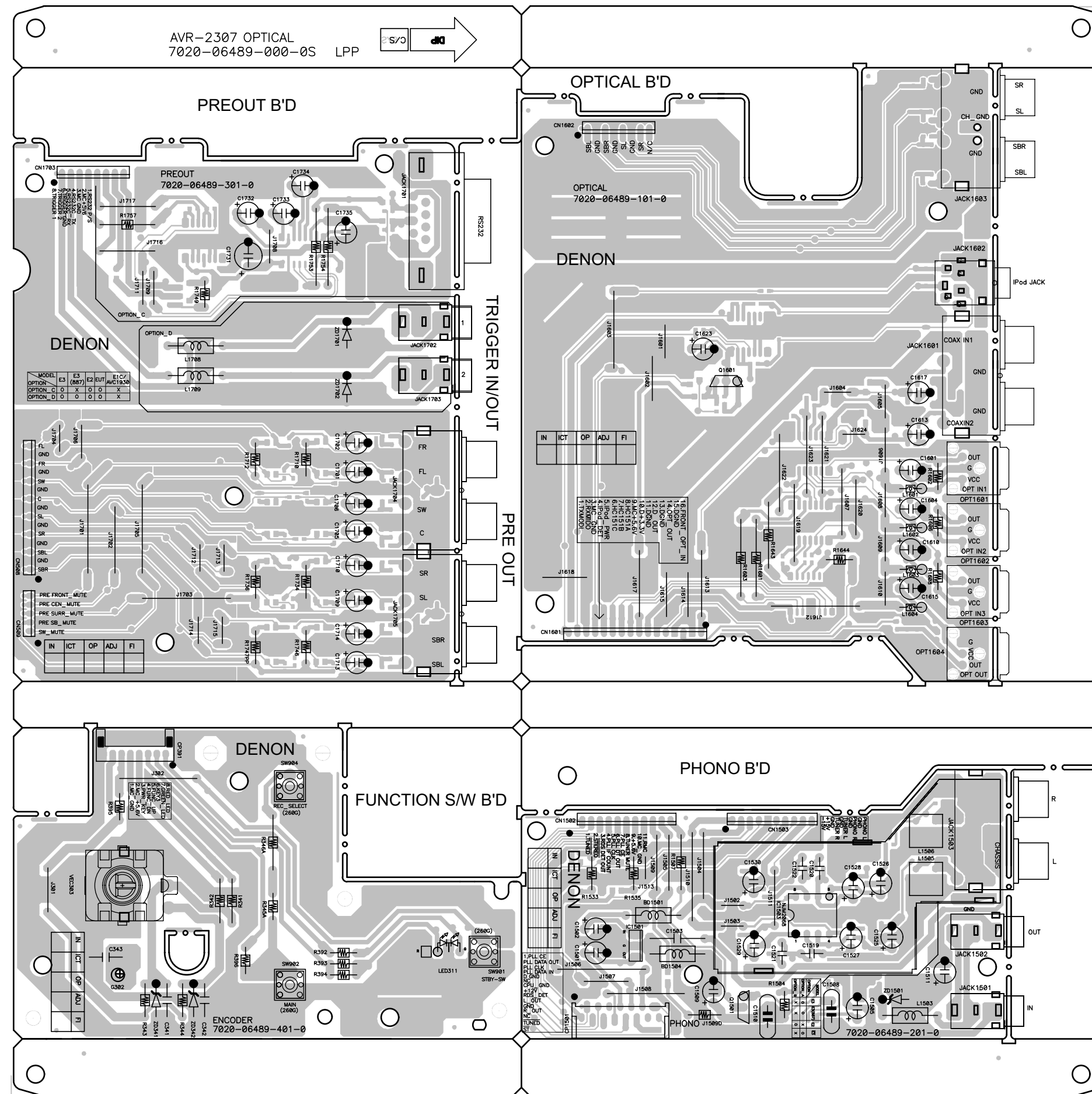


CNT UNIT (2/2)



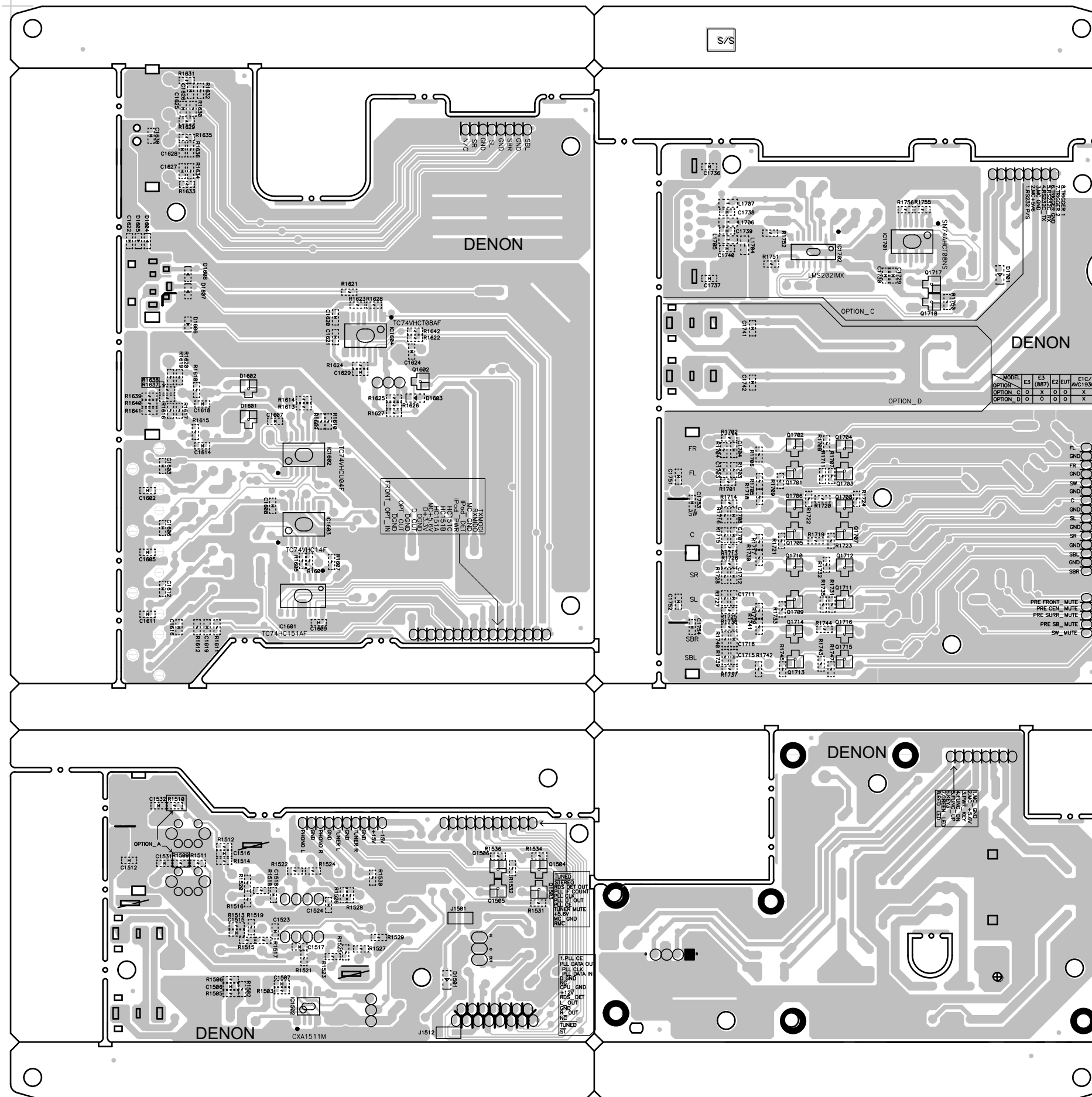
FOIL SIDE

OPTICAL UNIT (1/2)



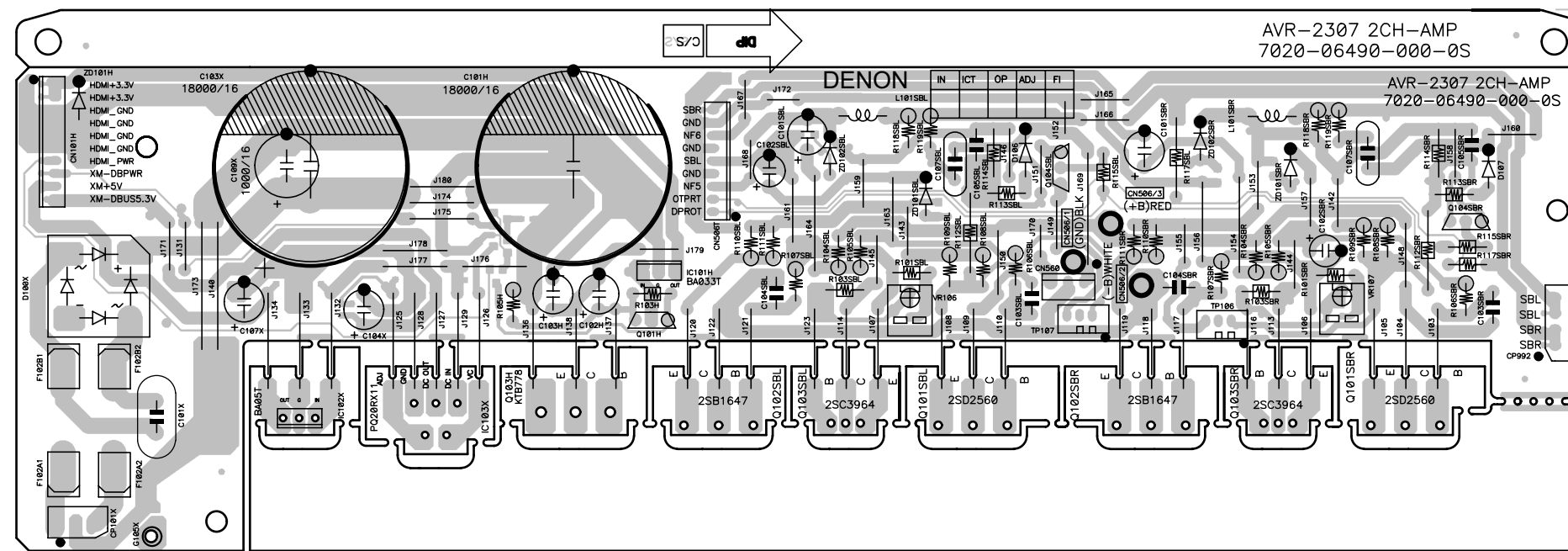
COMPONENT SIDE

OPTICAL UNIT (2/2)

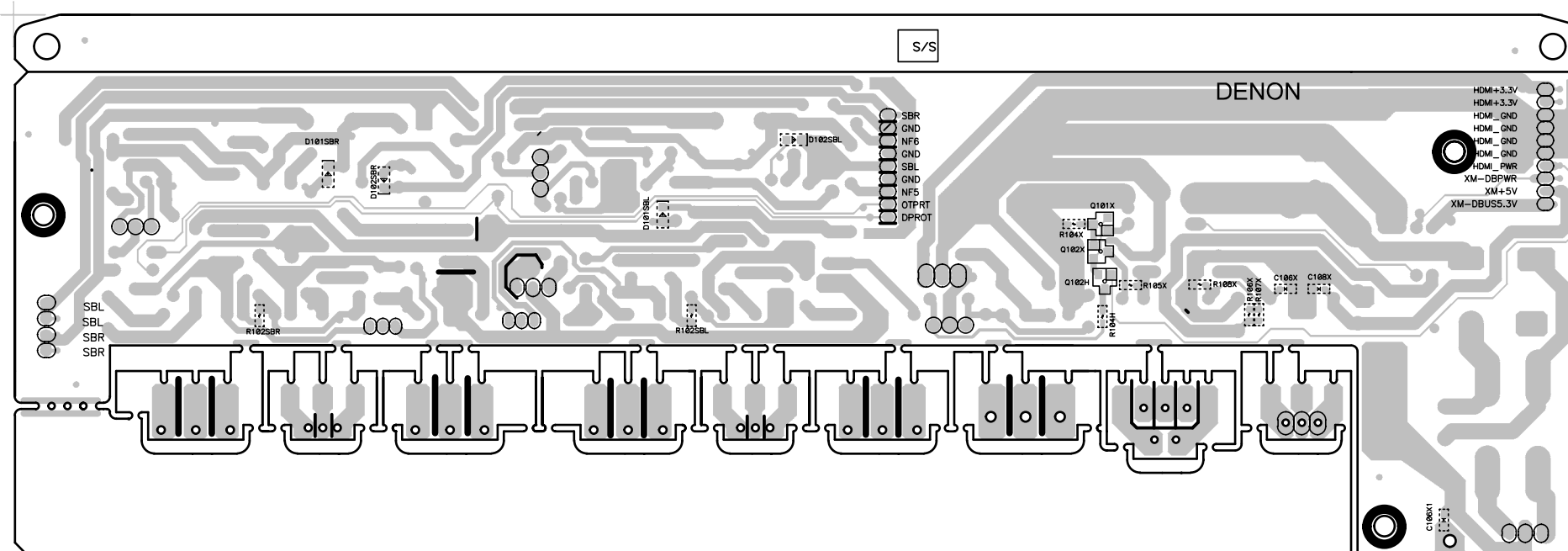


FOIL SIDE

2CH-AMP UNIT

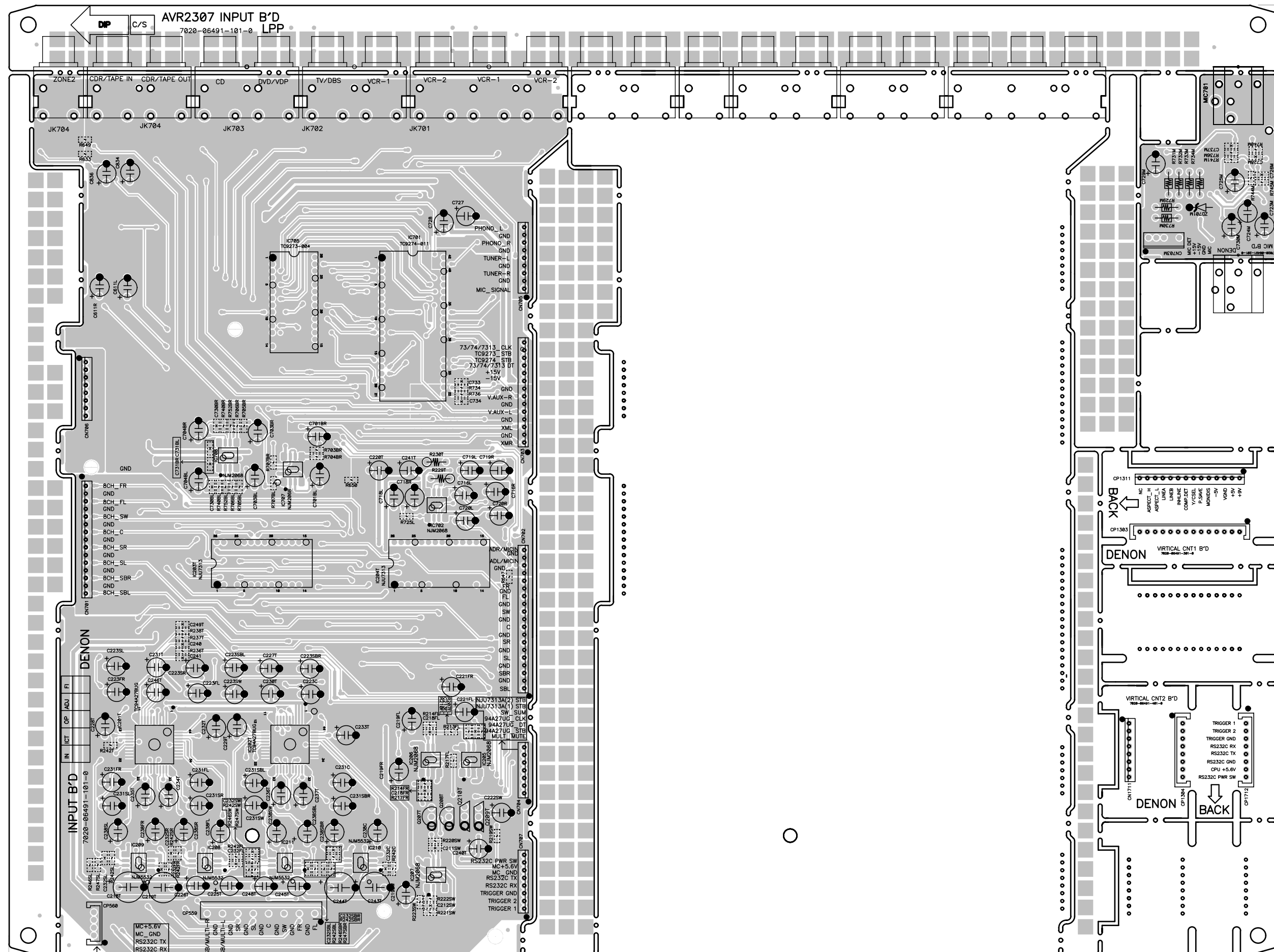


COMPONENT SIDE



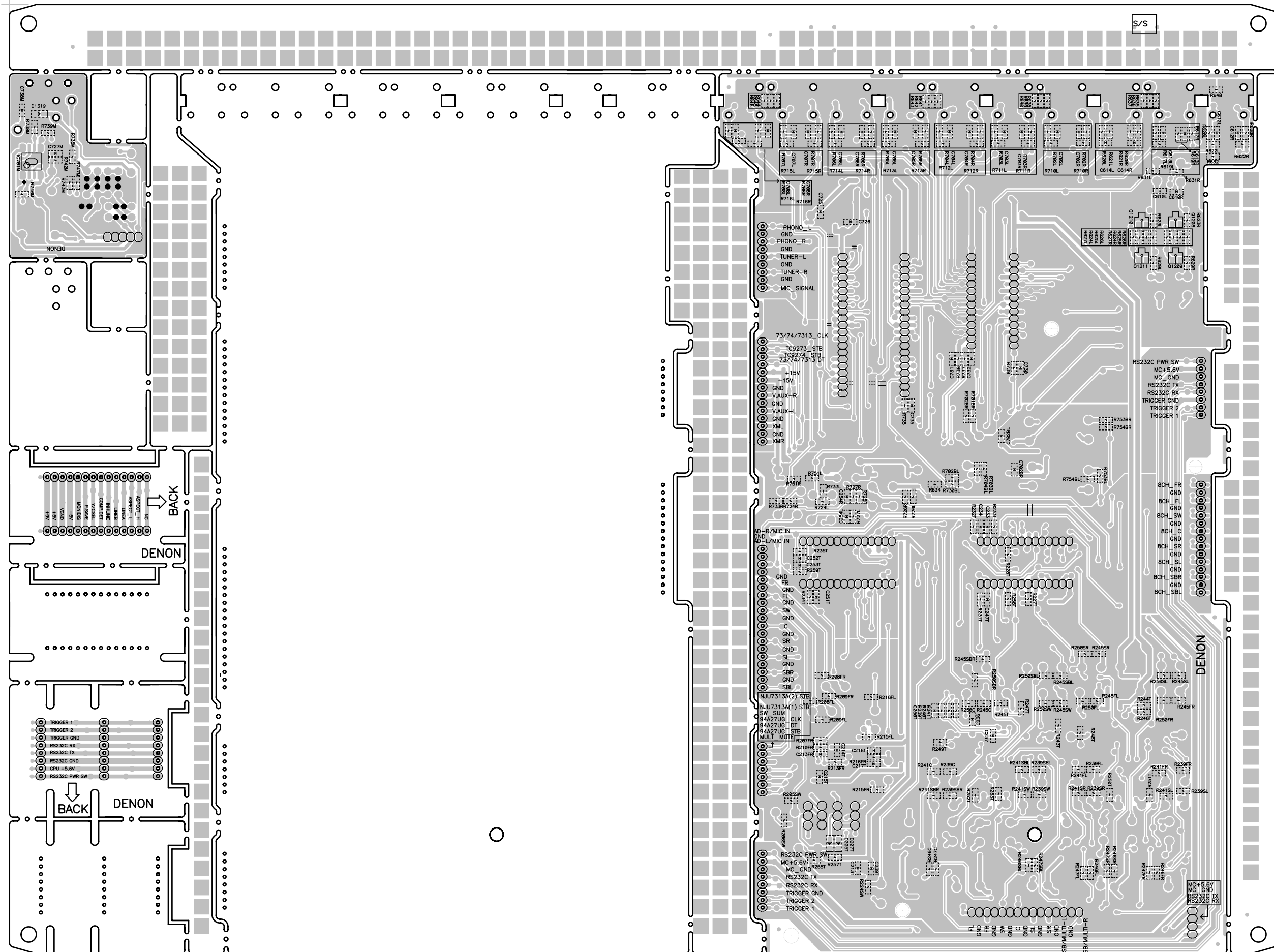
FOIL SIDE

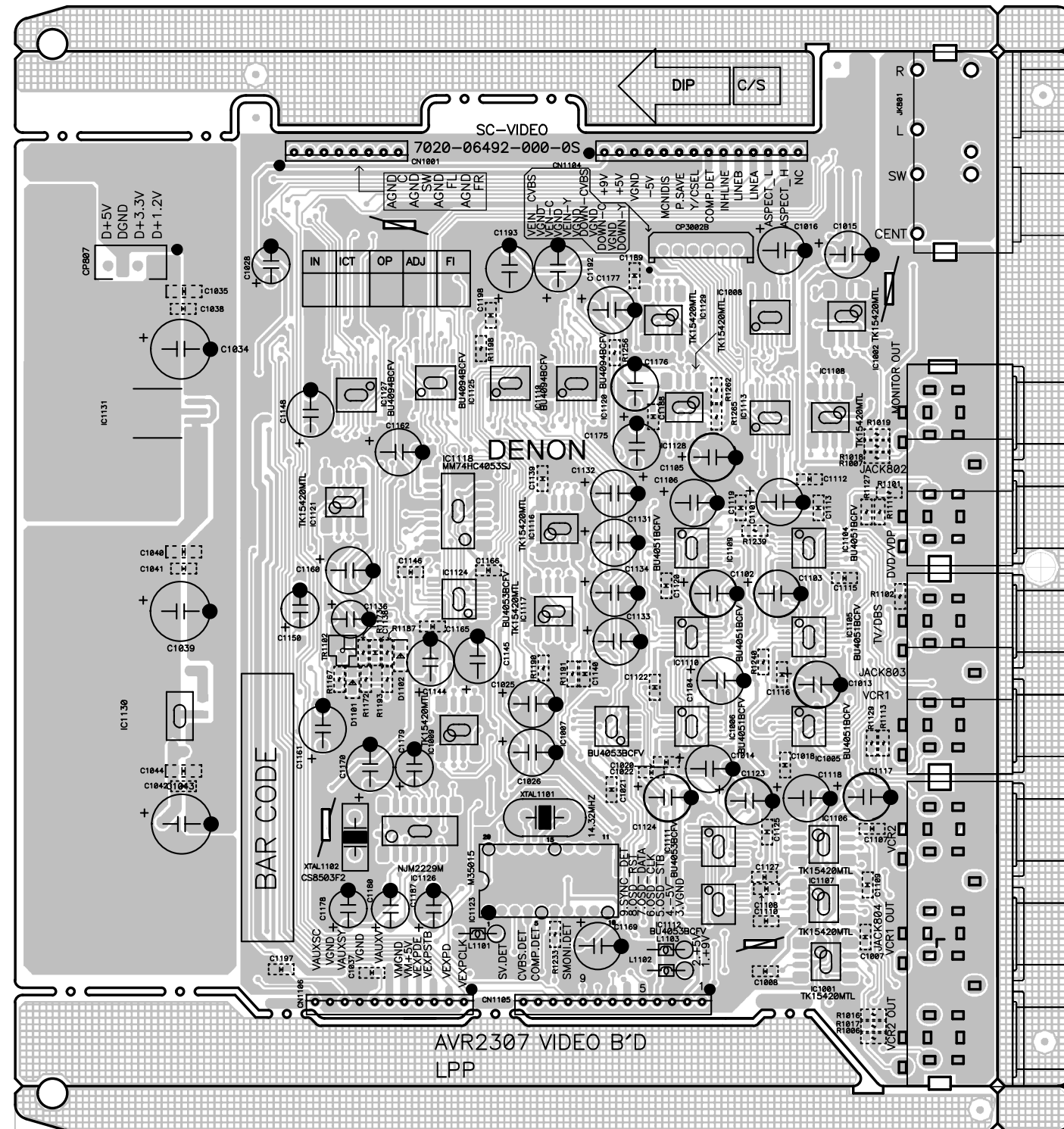
INPUT UNIT (1/2)



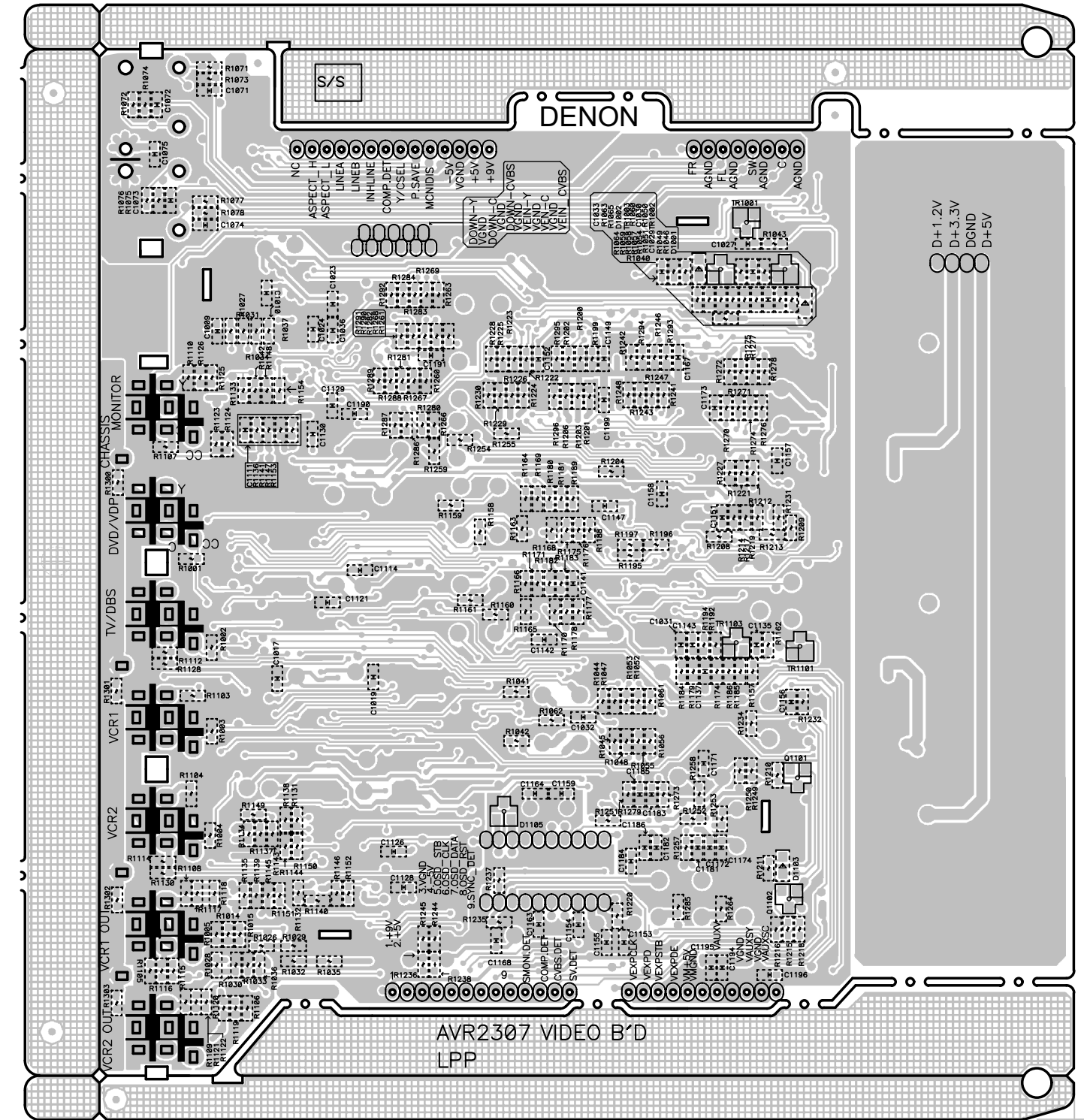
COMPONENT SIDE

INPUT UNIT (2/2)

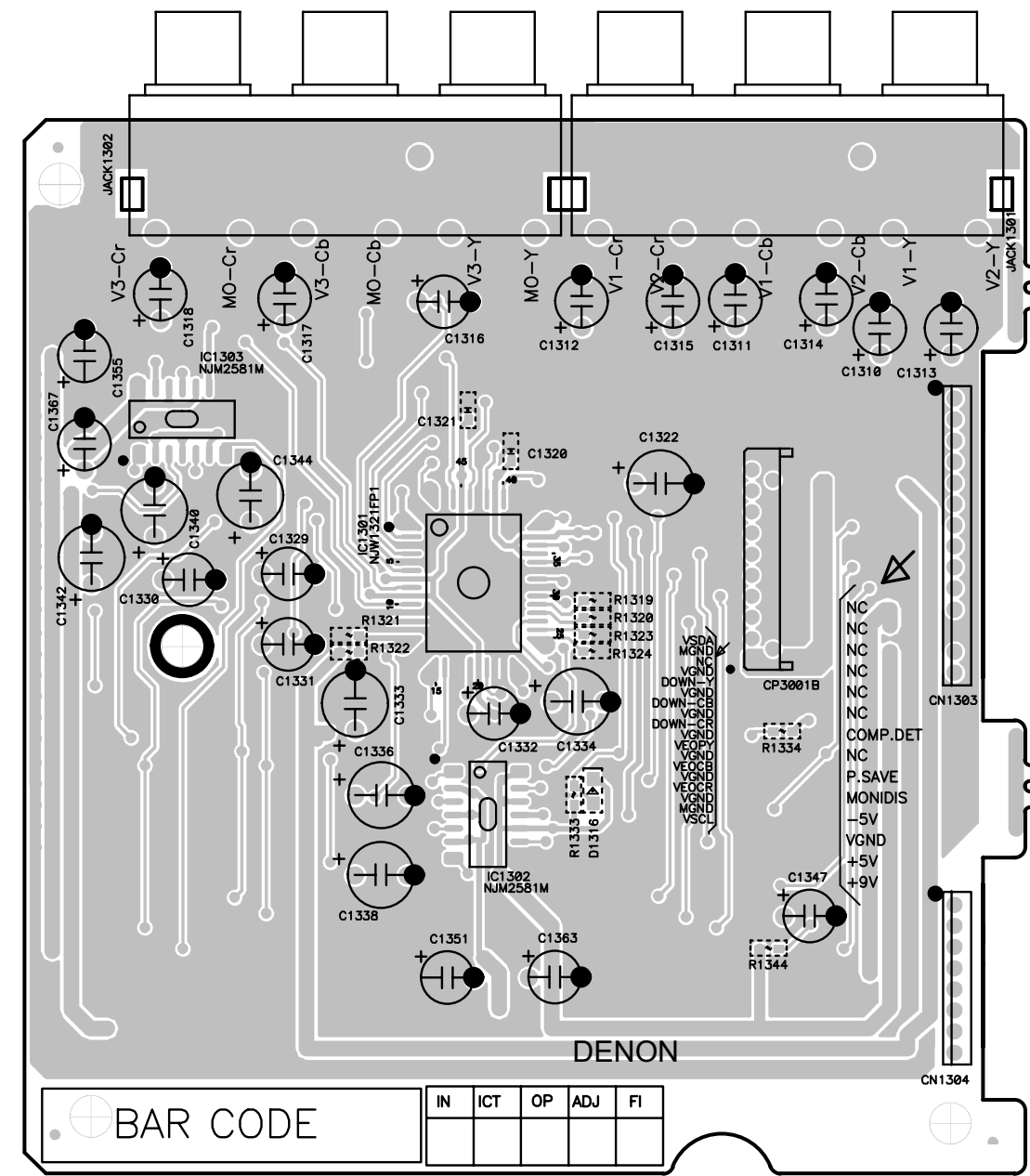




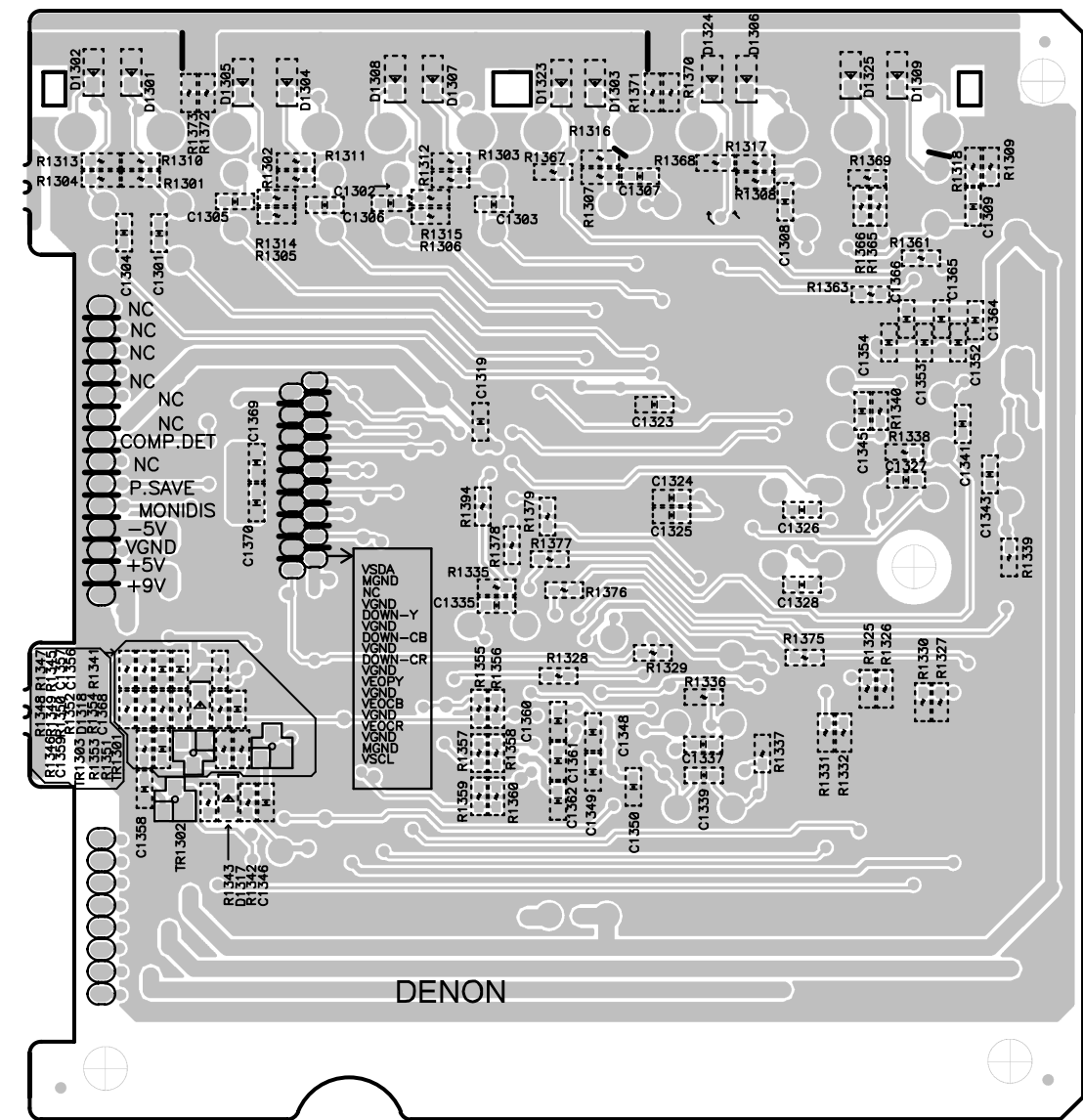
COMPONENT SIDE

**FOIL SIDE**

COMPONENT UNIT

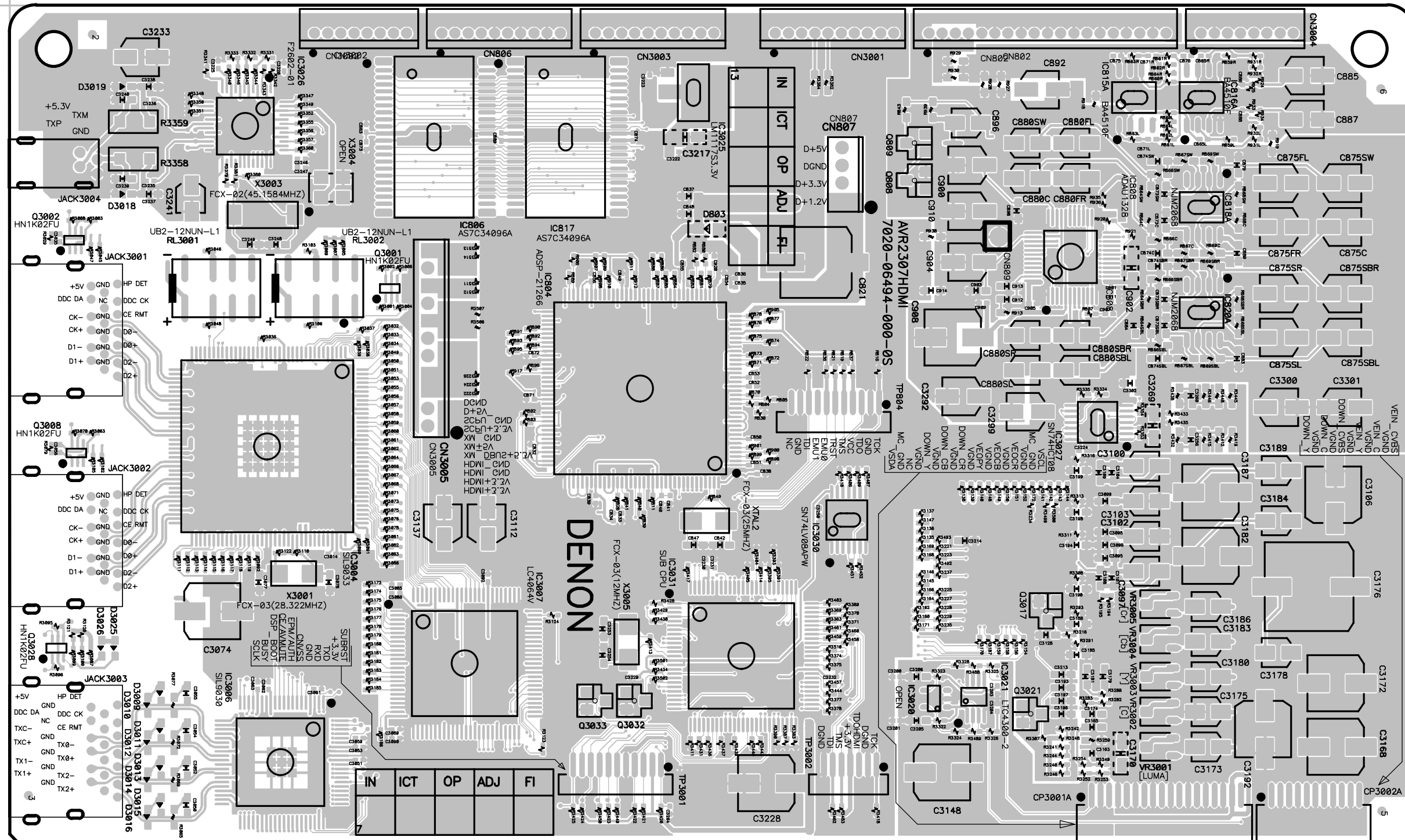


COMPONENT SIDE



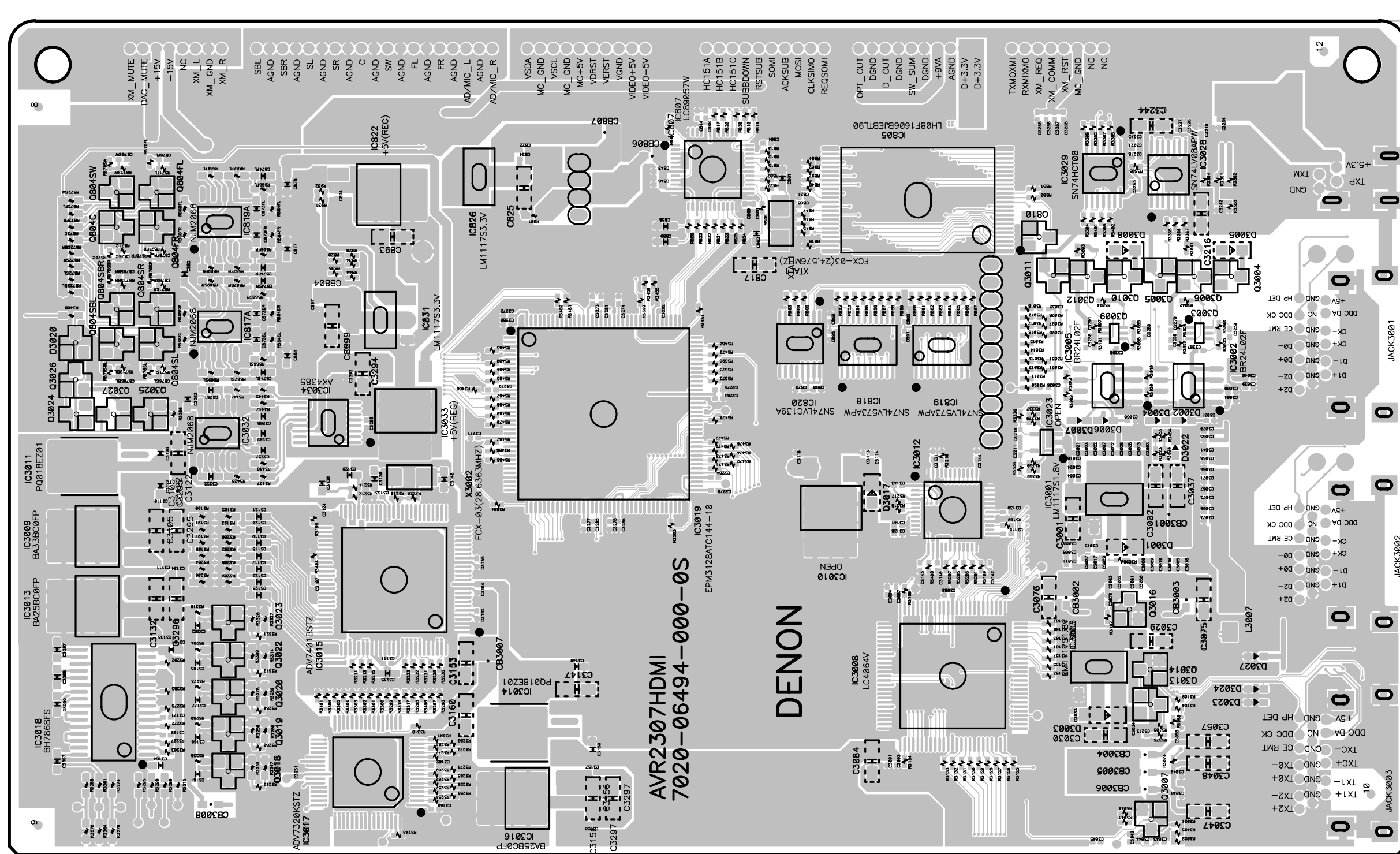
FOIL SIDE

HDMI UNIT (1/2)

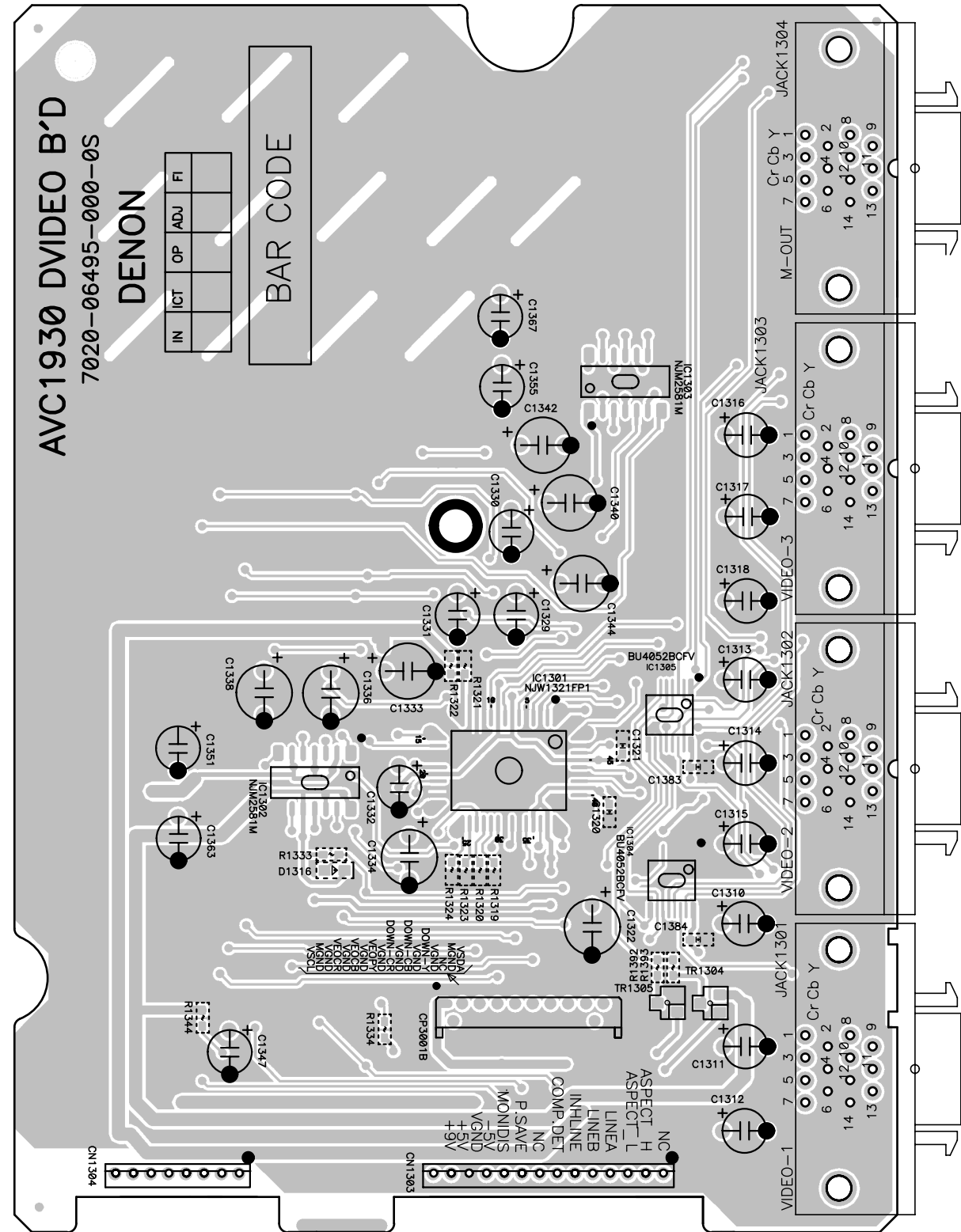


COMPONENT SIDE

HDMI UNIT (2/2)



D-VIDEOI UNIT (AVC-1930 : Japan model only)



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 General-purpose Carbon Film Resistor in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- Not including General-purpose Carbon Chip Resistor in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:

Parts marked with this symbol $\triangle$ have critical characteristics.

Use ONLY replacement parts recommended by the manufacturer.

● Resistors

Ex.: RN 14K 2E 182 G FR
Type Shape and per- Power Resist- Allowable Others
formance stance error

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

* Resistance

$\overset{1}{\text{8}} \overset{2}{\text{2}} \Rightarrow 1800 \text{ ohm} = 1.8 \text{ kohm}$
Indicates number of zeros after effective number.
2-digit effective number.

• Units: ohm

$\overset{1}{\text{R}} \overset{2}{\text{2}} \Rightarrow 1.2 \text{ ohm}$
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 Dielectric Capacity Allowable Others
performance strength error

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

* Capacity (electrolyte only)

$\overset{2}{\text{2}} \overset{2}{\text{2}} \Rightarrow 2200\mu\text{F}$
Indicates number of zeros after effective number.
2-digit effective number.

• Units: μF .

$\overset{2}{\text{R}} \overset{2}{\text{2}} \Rightarrow 2.2\mu\text{F}$
1-digit effective number.
2-digit effective number, decimal point indicated by R.

• Units: μF .

* Capacity (except electrolyte)

$\overset{2}{\text{2}} \overset{2}{\text{2}} \Rightarrow 2200\text{pF} = 0.0022\mu\text{F}$
(More than 2) — Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF.

$\overset{2}{\text{2}} \overset{1}{\text{1}} \Rightarrow 220\text{pF}$
(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。
- 汎用カーボン抵抗器は記載していません。定数は回路図を参照願います。
- 汎用カーボンチップ抵抗器は記載していません。定数は回路図を参照願います。
- 部品表の抵抗器、コンデンサの品名記号の読み方は表を参照してください。

●抵抗器

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

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

* 抵抗値

$\overset{18}{\text{2}} \overset{2}{\text{2}} \Rightarrow 1800\Omega = 1.8\text{k}\Omega$
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。

$\overset{1R}{\text{2}} \overset{2}{\text{2}} \Rightarrow 1.2\Omega$
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	0J : 6.3 V	F : ±1%	HS : 高安定形
CA : アルミ固体電解	1A : 10 V	G : ±2%	BP : 無極性形
CS : タンタル電解	1C : 16 V	J : ±5%	HR : 耐リップル形
CQ : フィルム	1E : 25 V	K : ±10%	DL : 充放電対策用
CK : セラミック	1V : 35 V	M : ±20%	HF : 高周波保証用
CC : セラミック	1H : 50 V	Z : +80%	U : UL 部品
CP : オイル	2A : 100 V	-20%	C : CSA 部品
CM : マイカ	2B : 125 V	P : +100%	W : UL-CSA 部品
CF : メタライズド	2C : 160 V	-0%	F : リード線成形
CH : メタライズド	2D : 200 V	C : ±0.25pF	
	2E : 250 V	D : ±0.5pF	
	2H : 500 V	= : その他	
	2J : 630 V		

* 容量値

● 電解コンデンサの場合

$\overset{22}{\text{2}} \overset{2}{\text{2}} \Rightarrow 2200\mu\text{F}$
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

$\overset{2R}{\text{2}} \overset{2}{\text{2}} \Rightarrow 2.2\mu\text{F}$
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

$\overset{22}{\text{2}} \overset{2}{\text{2}} \Rightarrow 2200\text{pF} = 0.0022\mu\text{F}$
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

$\overset{22}{\text{2}} \overset{1}{\text{1}} \Rightarrow 220\text{pF}$
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.

2307CIE3 : U.S.A. & Canada model (AVR-2307CI)(Black)

887E3 : U.S.A. & Canada model (AVR-887)(Black)

BKE2 : Europe model (Black)

SRE2 : Europe model (Silver)

E2A : Asia model(Premium Silver)

EUT : Taiwan R.O.C. model(Premium Silver)

E1C : China model(Premium Silver)

JP : Japan model (AVC-1930)(Premium Silver)

MAIN P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC101		00D 960 0174 900	IC KIA7815API		J126781500000S		
	IC102		00D 963 0147 800	IC KIA7915PI		J126791500030S		
	IC103		00D 963 0057 806	IC KIA78R05PI		J126780500370S		
	IC104		00D 960 0159 501	IC KIA7805API		J126780500110S		
△	IC105,106		00D 960 0195 808	IC ICP-N15		J120001500030S		
	Q104C		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q104FL		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q104FR		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q104SL		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q104SR		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q111-115		00D 963 0121 208	TR KRC107M		J6020107M0010S		
	Q116		00D 960 0196 409	TR 2SC1740SR		J5021740S0010S		
	Q117,118		00D 963 0121 208	TR KRC107M		J6020107M0010S		
	Q151		00D 960 0196 409	TR 2SC1740SR		J5021740S0010S		
	Q171		00D 960 0196 700	TR KTC3200BL		J5023200B0050S		
	Q171A		00D 276 0833 900	TR KTA1268BL		J5001268B0050S		
	Q171B		00D 276 0833 900	TR KTA1268BL		J5001268B0050S		
	Q171C		00D 960 0196 302	TR KTA1268BL		J5001268B0050S		
	Q171D		00D 960 0196 302	TR KTA1268BL		J5001268B0050S		
	Q172-177		00D 960 0196 700	TR KTC3200BL		J5023200B0050S		
	Q178		00D 960 0196 302	TR KTA1268BL		J5001268B0050S		
	Q179		00D 963 0226 705	TR KTC1027Y		J5021027Y0020S		
	Q180,181		00D 960 0196 302	TR KTA1268BL		J5001268B0050S		
	Q182,183		00D 960 0196 700	TR KTC3200BL		J5023200B0050S		
	Q184		00D 960 0196 302	TR KTA1268BL		J5001268B0050S		
	D101		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D101C		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D101FL		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D101FR		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D101SL		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D101SR		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D102		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D102C		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D102FL		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D102FR		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D102SL		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D102SR		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	D103-105		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D121-127		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D131A		00D 960 0197 107	D,RECTIFIER BRIDGE KBPC604 6A		K047604000020S		
	D131B		00D 960 0197 107	D,RECTIFIER BRIDGE KBPC604 6A		K047604000020S		
	D135		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D137		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D138A		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*
	D141-146		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*
	D148		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D149,150		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*
	D151		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D152,153		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*
	D158-160		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	D900-903		00D 963 0355 401	D,SWITCHING KDS4148U		K005041480030S		
	ZD101C ZD101FL ZD101FR ZD101SL ZD101SR		00D 276 0843 903 00D 276 0843 903 00D 276 0843 903 00D 276 0843 903 00D 276 0843 903	HZS3C-3(52mm) HZS3C-3(52mm) HZS3C-3(52mm) HZS3C-3(52mm) HZS3C-3(52mm)		K06003R37Z520S K06003R37Z520S K06003R37Z520S K06003R37Z520S K06003R37Z520S		
	ZD102C ZD102FL ZD102FR ZD102SL ZD102SR		00D 276 0844 902 00D 276 0844 902 00D 276 0844 902 00D 276 0844 902 00D 276 0844 902	HZS3B-3(52mm) HZS3B-3(52mm) HZS3B-3(52mm) HZS3B-3(52mm) HZS3B-3(52mm)		K06003R36Z520S K06003R36Z520S K06003R36Z520S K06003R36Z520S K06003R36Z520S		
	ZD133 ZD134 ZD136 ZD136 ZD154		00D 963 0046 202 00D 963 0058 708 00D 963 0058 601 00D 963 0300 809 00D 960 0095 704	D,ZENER MTZJ18B D,ZENER MTZJ20B D,ZENER MTZJ12B D,ZENER MTZJ13B D,ZENER MTZJ6.2B	2307CIE3,887E3, EUT,E1C,JP E2,E2A	K06018R044520S K06020R044520S K06012R044520S K06013R044520S K06006R244520S		
	ZD157		00D 963 0219 903	D,ZENER MTZJ16B		K06016R044520S		
RESISTORS GROUP								
	R104C		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R104FL		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R104FR		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R104SL		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R104SR		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R105C		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R105FL		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R105FR		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R105SL		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R105SR		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R106C		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R106FL		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R106FR		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R106SL		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R106SR		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R107C		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R107FL		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R107FR		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R107SL		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R107SR		00D 963 0215 907	R,METAL FILM 4.7-J,1W		C0604R7065050S		
	R108C		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R108FL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R108FR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R108SL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R108SR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R109C		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R109FL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R109FR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R109SL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R109SR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R110C		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R110FL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R110FR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R110SL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R110SR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R111C		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R111FL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R111FR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R111SL		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R111SR		00D 963 9006 269	R,FIXED 1WJ-0.22		N113135622820S		
	R118C		00D 963 9006 256	R,FIXED 1WJ-10		N113135610020S		
	R118FL		00D 963 9006 256	R,FIXED 1WJ-10		N113135610020S		
	R118FR		00D 963 9006 256	R,FIXED 1WJ-10		N113135610020S		
	R118SL		00D 963 9006 256	R,FIXED 1WJ-10		N113135610020S		
	R118SR		00D 963 9006 256	R,FIXED 1WJ-10		N113135610020S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	R119C		00D 963 9006 256	R, FIXED 1WJ-10		N113135610020S		
	R119FL		00D 963 9006 256	R, FIXED 1WJ-10		N113135610020S		
	R119FR		00D 963 9006 256	R, FIXED 1WJ-10		N113135610020S		
	R119SL		00D 963 9006 256	R, FIXED 1WJ-10		N113135610020S		
	R119SR		00D 963 9006 256	R, FIXED 1WJ-10		N113135610020S		
	R135,136		00D 963 0144 502	R, CEMENT 0.1-J 5W		C141R10069000S		
	R141-144		00D 963 0216 003	R, METAL FILM 0.22-J, 1W		C060R22065050S		
	R148,149		00D 963 0216 003	R, METAL FILM 0.22-J, 1W		C060R22065050S		
	R151		00D 963 0232 809	R, METAL FILM 10-J, 1/4W		C060010063520S		
	R154		00D 963 0244 305	R, METAL FILM 2.2M 0.5W	2307CIE3,887E3	C060022564520S		
	R179		00D 963 0232 906	R, METAL FILM 47K-F, 1/4W		C060047343530S		
	R184		00D 963 0215 907	R, METAL FILM 4.7-J, 1W		C0604R7065050S		
	R188		00D 963 0215 907	R, METAL FILM 4.7-J, 1W		C0604R7065050S		
	R189		00D 963 9005 639	R, METAL FILM 100-J, 1W		C060010165060S		
	R901,902		00D 960 9009 270	R, METAL FILM 470-J, 2W		C060047166520S		
	VR101-105		00D 960 0091 601	VR, SEMI CERMET 0.1W-50V/ RH063MC13R		C544102015130S		
CAPACITORS GROUP								
	C101C		00D 963 0234 506	C, ELECT 47UF-M/50V(Pb Free)		D040470087070S		
	C101FL		00D 963 0234 506	C, ELECT 47UF-M/50V(Pb Free)		D040470087070S		
	C101FR		00D 963 0234 506	C, ELECT 47UF-M/50V(Pb Free)		D040470087070S		
	C101SL		00D 963 0234 506	C, ELECT 47UF-M/50V(Pb Free)		D040470087070S		
	C101SR		00D 963 0234 506	C, ELECT 47UF-M/50V(Pb Free)		D040470087070S		
	C102C		00D 963 0234 205	C, ELECT 10UF-M/50V	Except for JP	D040100087070S		
	C102C		00D 963 0234 506	C, ELECT 47UF-M/50V (Pb Free)	JP	D040470087070S		*
	C102FL		00D 963 0324 209	C, ELECT 220UF-M/35V		D040221085060S		*
	C102FR		00D 963 0324 209	C, ELECT 220UF-M/35V		D040221085060S		
	C102SL		00D 963 0234 205	C, ELECT 10UF-M/50V		D040100087070S		
	C102SL		00D 963 0234 506	C, ELECT 47UF-M/50V (Pb Free)	JP	D040470087070S		
	C102SR		00D 963 0234 205	C, ELECT 10UF-M/50V		D040100087070S		
	C102SR		00D 963 0234 506	C, ELECT 47UF-M/50V (Pb Free)	JP	D040470087070S		
	C103C		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C103FL		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C103FR		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C103SL		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C103SR		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C104C		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C104FL		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C104FR		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C104SL		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C104SR		00D 963 9003 084	C, CERAMIC 100PF-K/500V		D00410106D050S		
	C105C		00D 963 0233 303	C, CERAMIC 0.01UF-M/16V		D005103773530S		
	C105FL		00D 963 0233 303	C, CERAMIC 0.01UF-M/16V		D005103773530S		
	C105FR		00D 963 0233 303	C, CERAMIC 0.01UF-M/16V		D005103773530S		
	C105SL		00D 963 0233 303	C, CERAMIC 0.01UF-M/16V		D005103773530S		
	C105SR		00D 963 0233 303	C, CERAMIC 0.01UF-M/16V		D005103773530S		
	C107C		00D 963 9003 097	C, FILM 0.1UF-K/250V		D02010407H080S		
	C107FL		00D 963 9003 097	C, FILM 0.1UF-K/250V		D02010407H080S		
	C107FR		00D 963 9003 097	C, FILM 0.1UF-K/250V		D02010407H080S		
	C107SL		00D 963 9003 097	C, FILM 0.1UF-K/250V		D02010407H080S		
	C107SR		00D 963 9003 097	C, FILM 0.1UF-K/250V		D02010407H080S		
	C131-135		00D 963 9003 097	C, FILM 0.1UF-K/250V		D02010407H080S		
	C136,137		00D 254 6256 002	CE68W1J123M(DL)VNN		D040123088020S		
	C138		00D 963 0293 602	C, ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C138A		00D 963 9003 097	C, FILM 0.1UF-K/250V		D02010407H080S		
	C141-143		00D 963 0021 900	C, FILM 0.047UF-J/100V		D02047306C060S		*
	C144		00D 963 0324 908	C, ELECT 4700UF-M/35V		D040472085020S		*
	C145		00D 963 0324 306	C, ELECT 2200UF-M/35V		D040222085020S		*
	C146		00D 963 0324 209	C, ELECT 220UF-M/35V		D040221085060S		
	C148		00D 963 0324 209	C, ELECT 220UF-M/35V		D040221085060S		*
	C150-152		00D 963 0021 900	C, FILM 0.047UF-J/100V		D02047306C060S		
	C153		00D 963 0311 908	C, ELECT 10000UF 16V M		D040103083020S		
	C154		00D 963 0234 205	C, ELECT 10UF-M/50V		D040100087070S		
	C155		00D 963 0020 202	C, CERAMIC 0.1UF-Z/50V		D005104597530S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C157		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C158		00D 963 0217 002	C,ELECT 3300UF-M/16V		D040332083010S		
	C159		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C161		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C171		00D 963 0311 607	C,ELECT 100UF-M/10V (Pb Free)		D040101082090S		
	C171A		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C171B		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C171C		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C171D		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C172,173		00D 963 9005 833	C,ELECT 220UF-M/6.3V		D040221081230S		
	C174		00D 963 0224 503	C,ELECT 22UF-M/50V		D040220087060S		
	C175		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V		D005103773530S		
	C176,177		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C178		00D 963 0157 900	C,ELECT 470UF-M/63V		D040471088000S		
	C179		00D 963 9005 833	C,ELECT 220UF-M/6.3V		D040221081230S		
⚠	C181		00D 963 0323 802	C,CERAMIC AC(SAFETY) 0.0047UF 250VAC		D00847208H010S		*
	C182		00D 963 0324 005	C,ELECT 100UF-M/100V		D04010108C240S		*
	C191-199		00D 963 0233 400	C,CERAMIC 2200PF-K/16V	E2,E2A	D005222773530S		
	C198C		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C198FL		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C198FR		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C198SBL		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C198SBR		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C198SL		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C198SR		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C199FL		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C199FR		00D 963 0024 703	C,FILM 0.01UF-J/100V	E2,E2A	D02010306C060S		
	C901,902		00D 963 0233 206	C,CERAMIC 0.001UF-K/50V		D005102177530S		
	C903	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C904	nsp	00D 963 0224 202	C,CERAMIC 0.022UF-K/25V		D011223777160S		
	C905		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
OTHERS PARTS GROUP								
	CLAMP101	nsp	00D 960 0260 005	CLAMP WIRE		4330000120000S		
	CN105		00D 963 0301 002	CN,WIRE 120MM/2P	E2,E2A	L000121020190S		
	CN201		00D 963 0301 002	CN,WIRE 120MM/2P	2307CIE3,887E3, EUT	L000121020190S		
	CN201		00D 963 0148 702	CN,WIRE 120MM/2P	JP	L000121020120S		
	CN304		00D 963 0184 601	CN,WIRE 260MM/3P		L000261030070S		
	CN901		00D 963 0184 601	CN,WIRE 260MM/3P		L000261030070S		
	CN931A1		00D 963 0301 109	CN,WIRE 350MM/2P		L000351020160S		
	CN992		00D 963 0235 602	CN,WIRE 270MM/4P		L000271040030S		
	CP101		00D 963 0262 604	CN.WAFER 2P		L108202000220S		
	CP102	nsp	00D 963 0315 302	CN.WAFER 2P		L108353280290S		
	CP103	nsp	00D 963 0066 208	CN.WAFER 3P		L104353280300S		
	CP104	nsp	00D 960 0128 804	CN.WAFER 6P		L102526700600S		
	CP105	nsp	00D 963 0330 400	CN.WAFER 2P	Except for E1C	L108353280260S		*
	CP106	nsp	00D 960 0123 207	CN.WAFER 3P		L102526700300S		
	CP138A	nsp	00D 960 0123 207	CN.WAFER 3P		L102526700300S		
	CP501	nsp	00D 963 0206 301	CN.WAFER 5P		L101100040510S		
	CP502	nsp	00D 963 0235 709	CN.WAFER 12P		L101100041210S		
	CP503	nsp	00D 963 0206 301	CN.WAFER 5P		L101100040510S		
	CP504	nsp	00D 963 0206 505	CN.WAFER 9P		L101100040910S		
	CP505	nsp	00D 963 0206 408	CN.WAFER 7P		L101100040710S		
	CP555	nsp	00D 963 0111 108	CN.WAFER 14P		L101100041410S		
	CP556	nsp	00D 963 0087 805	CN.WAFER 11P		L101100041110S		
	CP901,902	nsp	00D 963 0235 806	CN.WAFER 3P		L101220030000S		
	CP931	nsp	00D 963 0315 205	CN.WAFER 2P		L108353280280S		
⚠	F101		00D 963 0236 106	FUSE T8A/250V	2307CIE3,887E3, EUT	N751228001110S		
⚠	F101		00D 963 0104 704	FUSE T2.5A/250V	E2,E2A	N751222501110S		
⚠	F101		00D 960 0194 906	FUSE 125V-S8A	JP	G650802121070S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
⚠	F102		00D 963 0236 106	FUSE T8A/250V	2307CIE3,887E3, EUT	N751228001110S		
⚠	F102		00D 963 0104 801	FUSE T3.15A/250V	E2,E2A,E1C	N751223151110S		
⚠	F102		00D 960 0194 906	FUSE 125V-S8A	JP	G650802121070S		
	F101A		00D 960 0005 804	HOLDER,FUSE CLIP	2307CIE3,887E3, EUT,JP	G645000050010S		
	F101A1		00D 960 0005 804	HOLDER,FUSE CLIP	E2,E2A	G645000050010S		
	F101B		00D 960 0005 804	HOLDER,FUSE CLIP	2307CIE3,887E3, EUT,JP	G645000050010S		
	F101B1		00D 960 0005 804	HOLDER,FUSE CLIP	E2,E2A	G645000050010S		
	F102A		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	F102B		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	G901		-	TER WIRE 120MM/1P		8410121010060S		
	GND101-103		-	TERMINAL EARTH		3790040886000S		
⚠	JK201		00D 960 0181 508	AC OUTLET(E3)	2307CIE3,887E3, JP	G435204004010S		
⚠	JK201		00D 963 0236 407	AC OUTLET(EUT)	EUT	G435204004011S		
⚠	JK202		00D 960 0143 203	AC OUTLET(E2)	E2,E2A	G435040110000S		
	JK901		00D 963 0294 708	JACK,D6.5 PHONE GOLD		G402PJ612AG0YS		
	L101C		00D 963 0049 005	COIL INDUCTOR 0.5UH		D330R50000000S		
	L101FL		00D 963 0049 005	COIL INDUCTOR 0.5UH		D330R50000000S		
	L101FR		00D 963 0049 005	COIL INDUCTOR 0.5UH		D330R50000000S		
	L101SL		00D 963 0049 005	COIL INDUCTOR 0.5UH		D330R50000000S		
	L101SR		00D 963 0049 005	COIL INDUCTOR 0.5UH		D330R50000000S		
⚠	RLY101-104		00D 960 0181 702	RELAY G5PA-28 24V 5A		G680240502020S		
	RLY105		00D 963 0218 506	RELAY BC3-24 24V 2A		G680240202040S		
	RLY106		00D 963 0218 205	RELAY G5PA-1 DC9V 250V/5A		G680090102010S		
	RLY107		00D 960 0181 702	RELAY G5PA-28 24V 5A		G680240502020S		
⚠	SUB101		00D 963 0232 100	STAND BY TRANS 120V/60HZ	2307CIE3,887E3, EUT	8200350150200S		
⚠	SUB101		00D 963 0215 606	STAND BY TRANS 230V/50HZ	E2,E2A	8200350150210S		
⚠	SUB101			STAND BY TRANS 220V/50,60HZ	E1C	8200350150220S		
⚠	SUB101		00D 963 0232 003	STAND BY TRANS	JP	8200350150190S		
⚠	SW901A		00D 963 0145 802	SW,PUSH (C-UL)		G000122006060S		
	TP101-105	nsp	00D 960 0161 405	CN.WAFER 3P		L101530140310S		
			-	HEAT SINK		2120043538050S		
		nsp	-	HEAT SINK		2120044308010S		
		nsp	-	HEAT SINK		2120211018000S		
		nsp	00D 963 0018 007	SCREW 3*8 B-TYPE ZNW/BH		B020030081B10S		
		nsp	00D 963 9004 054	SCREW 3*15 B-TYPE ZNW/BH		B020030151B10S		
	JK103		00D 963 0158 608	TER,BOARD SCREW 2P		G611201A0200YS		
	JK101,102		00D 963 0119 906	TER,BOARD SCREW 8P		G614801A0200YS		
			00D 963 0120 500	FUSE LABEL	E2,E2A,E1C	5527200040060S		
			00D 963 0120 526	FUSE LABEL	JP	5527200040080S		
			00D 963 0120 513	FUSE LABEL	JP	5527200040070S		
			-	COVER	E2,E2A,EUT,E1C, JP	4310002640010S		

CPU P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC202		00D 963 0354 907	MAIN CPU SUB ASSY(V0.67)	M30626(2307-M)	J126780900120S		*
	IC203		00D 963 0147 606	IC KIA78R09API		J126780500110S		
	IC204		00D 960 0159 501	IC KIA7805API		J126790500070S		*
	IC205		00D 963 0327 507	IC KIA7905PI				
	IC206		00D 963 0326 906	IC LC72722PM	E2,E2A	J124727220010S		*
	IC207		00D 963 0327 400	IC KIA7809API		J126780900020S		*
	IC361		00D 963 0237 503	IC JSR1165-C		E100116500040S		
	Q201		00D 963 0121 509	TR KTC3875S		J522038750210S		
	Q202		00D 960 0285 006	TR KRC104S		J522104S00210S		
	Q203		00D 963 0120 801	TR KRC102S		J522010200210S		
	Q204		00D 963 0328 001	TR KTC3209Y		J5023209Y0010S		*
	Q205-208		00D 963 0044 301	TR KTC2875B	2307CIE3,887E3	J5222875B0010S		
	Q209		00D 963 0120 801	TR KRC102S		J522010200210S		
	Q210		00D 963 0328 205	TR KTD998		J503998000010S		*
	Q261,262		00D 963 0327 808	TR KTA1281Y		J5001281Y0010S		*
	Q263		00D 963 0148 508	TR KTA1504S		J520015040150S		
	Q264		00D 963 0327 905	TR KTB778		J501778000010S		*
	Q302		00D 960 0005 202	TR KTC3198Y		J5023198Y0000S		
	Q316		00D 963 0121 402	TR KRA104S		J520010400210S		
	Q320		00D 963 0148 508	TR KTA1504S		J520015040150S		
	Q321		00D 275 0110 905	TR 2SA933S		J5000933S0050S		
	Q322		00D 963 0121 208	TR KRC107M		J6020107M0010S		
	Q323		00D 963 0148 508	TR KTA1504S		J520015040150S		
	Q324,325		00D 963 0120 801	TR KRC102S		J522010200210S		
	D201		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*
	D202		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D203,204		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D205-207		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D208,209		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D303-305		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D306-309		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	ZD201		00D 963 0047 502	D,ZENER MTZJ3.3B		K06003R344520S		
	ZD301		00D 960 0095 801	D,ZENER MTZJ6.8B		K06006R844520S		
RESISTORS GROUP								
	R205		00D 963 9005 639	R,METAL FILM 100-J,1W		C060010165060S		
	R271,272		-	R,METAL FILM 33-J,1W		C060033065050S		
	R224		-	CN,WIRE 1P	887E3	L045084006040S		
	R237		-	CN,WIRE 1P	2307CIE3	L045084006040S		
CAPACITORS GROUP								
	C202		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C203		00D 963 0311 607	C,ELECT 100UF-M/10V (Pb Free)		D040101082090S		
	C204	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C205,206	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C208-213	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C214		00D 960 9010 010	C,ELECT 4.7UF-M/50V		D0404R7087250S		
	C215	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C216	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C217		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V		D005103773530S		
	C218,219		00D 963 9004 614	C,CERAMIC 27PF-J/50V	E2,E2A	D010270167160S		
	C220		00D 963 0234 205	C,ELECT 10UF-M/50V	E2,E2A	D040100087070S		
	C221		00D 963 9005 862	C,ELECT 47UF-M/16V	E2,E2A	D040470083080S		
	C223,224		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C225	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V	E2,E2A	D010561167160S		
	C226		-	C,CERAMIC 330PF-J/50V		D010331167160S		
	C227	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C228		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C229		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C230,231		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C232	nsp	00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C233	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V	E2,E2A	D011103777160S		
	C234	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V	2307CIE3,887E3	D011104577160S		
	C235,236		00D 963 0294 009	C,ELECT 22UF-M/16V	2307CIE3,887E3	D040220083070S		
	C237-240		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C241		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C242		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C302		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C303		00D 963 9005 862	C,ELECT 47UF-M/16V		D040470083080S		
	C304		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C305		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C307		00D 963 0021 900	C,FILM 0.047UF-J/100V		D02047306C060S		
	C308		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C309		00D 963 0021 900	C,FILM 0.047UF-J/100V		D02047306C060S		
	C310		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C311		00D 963 9004 766	C,FILM 0.1UF-J/100V		D02010406C060S		
	C312		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C313		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C314-316		-	C,ELECT 100UF-M/16V		D040101083090S		
	C322-324	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C325	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C331,332		00D 963 0225 609	C,CERAMIC 0.047UF-Z/50V		D005473597520S		
	C335-338		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C347	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C354		00D 963 9003 372	R,CHIP THICK O-J,1/16W		C20000006M160S		
	C361	nsp	00D 963 9004 591	C,CERAMIC 22PF-J/50V		D010220167160S		
	C362		00D 963 0324 607	C,ELECT 47UF-M/10V (Pb Free)		D040470082060S		*
	C363		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V		D005104597530S		
	C382,383	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C384,385		00D 960 9010 010	C,ELECT 4.7UF-M/50V		D0404R7087250S		
	C397	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	BC201		00D 254 4666 005	CE04W0H105ZC(FG)		D041105090010S		
OTHERS PARTS GROUP								
	BD202	nsp	00D 963 0154 602	BEAD,COIL 3580		7610010030000S		
	BD351,352		-	R,CHIP THICK O-J,1/10W		C200000060200S		
	CLAMP201	nsp	00D 960 0260 005	CLAMP WIRE		4330000120000S		
	CN201		00D 963 0328 700	CN,WIRE 110MM/7P		L000111070020S		*
	CN302		00D 963 0159 801	CN,WIRE 150MM/5P		L000151050050S		
	CN391		00D 963 0160 502	CN,WIRE 80MM/ 8P		L000800080030S		
	CN392		00D 963 0160 308	CN,WIRE 70MM/3P		L000700030020S		
	CN605		00D 963 0159 908	CN,WIRE 160MM/3P		L000161030040S		*
	CN906		00D 963 0329 000	CN,WIRE 130MM/4P		L000131040050S		
	CN1601	nsp	00D 963 0087 407	CN.WAFER 16P		L101100041610S		
	CP202	nsp	00D 963 0060 709	CN.WAFER 8P		L101220080000S		
	CP301A		00D 963 0161 006	CN.FPC 23P		L131102300010S		
	CP301B		00D 963 0161 103	CN.FPC 23P		L131112300010S		
	CP302	nsp	00D 963 0066 101	CN.WAFER 5P		L101220050000S		
	CP303	nsp	00D 963 0236 009	CN.WAFER 3P		L102526803010S		
	CP303M	nsp	00D 963 0066 101	CN.WAFER 5P		L101220050000S		
	CP304		00D 963 0330 109	CN.WAFER 3P		L101220030010S		*
	CP501	nsp	00D 963 0235 806	CN.WAFER 3P		L101220030000S		
	CP552	nsp	00D 963 0087 407	CN.WAFER 16P		L101100041610S		
	CP553	nsp	00D 963 0111 108	CN.WAFER 14P		L101100041410S		
	CP605	nsp	00D 963 0235 806	CN.WAFER 3P		L101220030000S		
	CP702	nsp	00D 963 0087 504	CN.WAFER 19P		L101100041910S		
	CP703	nsp	00D 963 0111 108	CN.WAFER 14P		L101100041410S		
	CP704	nsp	00D 963 0206 408	CN.WAFER 7P		L101100040710S		
	CP705	nsp	00D 963 0206 505	CN.WAFER 9P		L101100040910S		
	CP707	nsp	00D 963 0097 400	CN.WAFER 8P		L101100040810S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	CP802 CP806 CP809 CP906	nsp nsp	00D 205 1324 092 00D 205 1324 005 00D 963 0235 806 00D 963 0235 903	19P PIN HEADER(9120) 10P PIN HEADER(9120) CN.WAFER 3P CN.WAFER 4P		L100912190010S L100912100010S L101220030000S L101220040000S		
	CP1105 CP1106 CP1502 CP1503 CP3001	nsp nsp nsp	00D 960 0239 609 00D 963 0087 805 00D 963 0087 805 00D 963 0256 908 00D 205 1324 005	CN.WAFER 13P CN.WAFER 11P CN.WAFER 11P CN.WAFER 10P 10P PIN HEADER(9120)		L101100041310S L101100041110S L101100041110S L101100041010S L100912100010S		
	CP3002 CP3003 CP3004 G301,302		00D 205 1323 080 00D 205 1324 005 00D 205 1323 080 00D 963 0257 509	8P PIN HEADER(9120) 10P PIN HEADER(9120) 8P PIN HEADER(9120) RING,TER WIRE 80MM/1P		L100912080010S L100912100010S L100912080010S 8410800010100S		
	GND01,02 JACK301		- 00D 963 0158 307	TERMINAL EARTH JACK,DIN-416G		3790040886000S G40341600000YS		
	L301 L361 RMC301	nsp nsp	00D 960 0128 008 00D 960 0215 908 00D 963 0217 808	COIL INDUCTOR 100UH-Q40/9M COIL INDUCTOR 4.7UH-Q40/32M MODULE,REMOCON NJL34H380A		D330101001020S D3304R7001020S E940343800010S		
	SW301C SW302B SW302B1 SW302C SW303B		00D 963 0200 103 00D 963 0095 305 00D 963 0095 305 00D 963 0200 103 00D 963 0095 305	SW,TACT SKHV10920A SW,TACT SKHV10910D01 SW,TACT SKHV10910D01 SW,TACT SKHV10920A SW,TACT SKHV10910D01		G180000270010S G180040500010S G180040500010S G180000270010S G180040500010S		
	SW303B1 SW303C SW304B SW304B1 SW304C		00D 963 0095 305 00D 963 0200 103 00D 963 0095 305 00D 963 0095 305 00D 963 0200 103	SW,TACT SKHV10910D01 SW,TACT SKHV10920A SW,TACT SKHV10910D01 SW,TACT SKHV10910D01 SW,TACT SKHV10920A	Except for JP	G180040500010S G180000270010S G180040500010S G180040500010S G180000270010S		
	SW305B SW305B1 SW305C SW306B SW306B1		00D 963 0095 305 00D 963 0200 103 00D 963 0200 103 00D 963 0095 305 00D 963 0095 305	SW,TACT SKHV10910D01 SW,TACT SKHV10920A SW,TACT SKHV10920A SW,TACT SKHV10910D01 SW,TACT SKHV10910D01	Except for JP Except for JP	G180040500010S G180000270010S G180000270010S G180040500010S G180040500010S		
	SW306C SW307B SW307C SW308B SW308C		00D 963 0200 103 00D 963 0095 305 00D 963 0200 103 00D 963 0095 305 00D 963 0200 103	SW,TACT SKHV10920A SW,TACT SKHV10910D01 SW,TACT SKHV10920A SW,TACT SKHV10910D01 SW,TACT SKHV10920A	Except for JP Except for JP	G180000270010S G180040500010S G180000270010S G180040500010S G180000270010S		
	SW309B SW309C VEC301 VEC302		00D 963 0095 305 00D 963 0200 103 00D 963 0095 208 00D 963 0300 401	SW,TACT SKHV10910D01 SW,TACT SKHV10920A SW,ENCODER EC16B24SA SW,ENCODER EC11B20C2	Except for JP	G180040500010S G180000270010S G121162400040S G121112020000S		
	X201 XTAL201		00D 963 0217 701 00D 963 0217 604	RESONATOR,CERAMIC ZTT12.00MT CRYSTAL4.332MHZ,HC-49U	 E2,E2A	E830120000060S E800433200100S		
	FLT301	nsp	00D 963 0300 906 - 00D 963 0018 007 -	DISPLAY,FLT 16-ST-87GINK HEAT SINK SCREW 3*8 B-TYPE ZNW/BH HOLDER FLT		K530168700010S 2120210958000S B020030081B10S 4320210536000S		
	JK301		00D 963 0146 403 00D 963 0257 509	TER,RCA 3PIN RING,TER WIRE 80MM/1P		G606308HG110YS 8410800010100S		

CNT P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC551-553 IC554		00D 963 0218 807 00D 963 0313 702	IC BU4094BCF IC BA033T/3.3V		J040140940030S J12603R300010S		
	Q501C		00D 960 0196 603	TR KTC2874B		J502287400010S		
	Q501FL		00D 960 0196 603	TR KTC2874B		J502287400010S		
	Q501FR		00D 960 0196 603	TR KTC2874B		J502287400010S		
	Q501SBL		00D 960 0196 603	TR KTC2874B		J502287400010S		
	Q501SBR		00D 960 0196 603	TR KTC2874B		J502287400010S		
	Q501SL		00D 960 0196 603	TR KTC2874B		J502287400010S		
	Q501SR		00D 960 0196 603	TR KTC2874B		J502287400010S		
	Q502C		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q502FL		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q502FR		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q502SBL		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q502SBR		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q502SL		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q502SR		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q503C		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q503FL		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q503FR		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q503SBL		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q503SBR		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q503SL		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q503SR		00D 960 0196 205	TR KSA992F		J5000992F0050S		
	Q504C		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q504FL		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q504FR		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q504SBL		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q504SBR		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q504SL		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q504SR		00D 960 0196 506	TR KSC1845F		J5021845F0000S		
	Q550		00D 960 0196 302	TR KTA1268BL		J5001268B0050S		
	Q551		00D 960 0196 700	TR KTC3200BL		J5023200B0050S		
	Q551T		00D 960 0097 003	TR KRA104M	2307CIE3	J6000104M0010S		
	Q552		00D 960 0196 302	TR KTA1268BL		J5001268B0050S		
	Q552T		00D 960 0285 006	TR KRC104S	2307CIE3	J522104S00210S		
	Q553		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q553T		00D 960 0097 003	TR KRA104M	2307CIE3	J6000104M0010S		
	Q554		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q554T		00D 960 0285 006	TR KRC104S	2307CIE3	J522104S00210S		
	Q555		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q555T		00D 963 0255 802	TR KTC3199Y	2307CIE3	J5023199Y0010S		
	Q556		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q557		00D 963 0245 003	TR KRC106S		J522010600210S		
	Q557M		00D 963 0245 003	TR KRC106S		J522010600210S		
	Q558		00D 963 0148 508	TR KTA1504S		J520015040150S		
	Q558M		00D 963 0148 508	TR KTA1504S		J520015040150S		
	Q559		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q561-564		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q565		00D 963 0120 704	TR KRA102S	2307CIE3,887E3, E2,E2A,EUT	J520010200210S		
	Q566		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q567		00D 963 0327 808	TR KTA1281Y		J5001281Y0010S		*
	Q568		00D 960 0097 304	TR KRC102M		J6020102M0010S		
	D550		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*
	D551		00D 963 0020 309	D,SWITCHING 1SS133T		K000013300520S		
	D552-557		00D 963 0020 309	D,SWITCHING 1SS133T	Except for JP	K000013300520S		
	D552-557		00D 963 0236 504	RB721Q-40	JP	K120072140010S		
	D559-561		00D 963 0020 309	D,SWITCHING 1SS133T	Except for JP	K000013300520S		
	D559-561		00D 963 0236 504	RB721Q-40	JP	K120072140010S		
	D562-564		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	D566-569		00D 963 0020 309	D,SWITCHING 1SS133T	Except for JP	K000013300520S		
	D566-569		00D 963 0236 504	RB721Q-40	JP	K120072140010S		
	D588		00D 963 0020 309	D,SWITCHING 1SS133T	Except for JP	K000013300520S		
	D588		00D 963 0236 504	RB721Q-40	JP	K120072140010S		
	D1000-1007		00D 963 0328 409	D,SWITCHING 1N4007		K000400700010S		*
	ZD551T		00D 963 0300 809	D,ZENER MTZJ13B	2307CIE3	K06013R044520S		
	ZD564		00D 960 0095 500	D,ZENER MTZJ5.1B		K06005R144520S		
RESISTORS GROUP								
	R509C		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W		C060012263050S		
	R509FL		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W		C060012263050S		
	R509FR		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W		C060012263050S		
	R509SBL		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W		C060012263050S		
	R509SBR		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W		C060012263050S		
	R509SL		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W		C060012263050S		
	R509SR		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W		C060012263050S		
	R511C		00D 960 9004 301	R,METAL FILM 47-J,1/4W		C060047063050S		
	R511FL		00D 960 9004 301	R,METAL FILM 47-J,1/4W		C060047063050S		
	R511FR		00D 960 9004 301	R,METAL FILM 47-J,1/4W		C060047063050S		
	R511SBL		00D 960 9004 301	R,METAL FILM 47-J,1/4W		C060047063050S		
	R511SBR		00D 960 9004 301	R,METAL FILM 47-J,1/4W		C060047063050S		
	R511SL		00D 960 9004 301	R,METAL FILM 47-J,1/4W		C060047063050S		
	R511SR		00D 960 9004 301	R,METAL FILM 47-J,1/4W		C060047063050S		
	R520		-	R,METAL FILM 100-J,2W		C060010166520S		
	R540		-	R,METAL FILM 470-J,1W		C060047165050S		
	R541		00D 963 0215 907	R,METAL FILM 4.7-J,1W	2307CIE3	C0604R7065050S		
	R553T		00D 963 0215 800	R,METAL FILM 390-J,1W		C060039165050S		
	R559		00D 960 9005 642	R,METAL FILM 1.2K-J,1WEL		C060012265050S		
	R565		00D 960 9005 642	R,METAL FILM 1.2K-J,1WEL		C060012265050S		
	R570		00D 960 9005 642	R,METAL FILM 1.2K-J,1WEL		C060012265050S		
CAPACITORS GROUP								
	C501C		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C501FL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C501FR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C501SBL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C501SBR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C501SL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C501SR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C502C		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C502FL		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C502FR		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C502SBL		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C502SBR		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C502SL		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C502SR		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C503C		00D 963 0216 207	C,CERAMIC 220PF 500V		D009092212500S		
	C503FL		00D 963 0216 207	C,CERAMIC 220PF 500V		D009092212500S		
	C503FR		00D 963 0216 207	C,CERAMIC 220PF 500V		D009092212500S		
	C503SBL		00D 963 0216 207	C,CERAMIC 220PF 500V		D009092212500S		
	C503SBR		00D 963 0216 207	C,CERAMIC 220PF 500V		D009092212500S		
	C503SL		00D 963 0216 207	C,CERAMIC 220PF 500V		D009092212500S		
	C503SR		00D 963 0216 207	C,CERAMIC 220PF 500V		D009092212500S		
	C504C		-	C,CERAMIC 470PF-K/500V		D00447127D050S		
	C504FL		-	C,CERAMIC 470PF-K/500V		D00447127D050S		
	C504FR		-	C,CERAMIC 470PF-K/500V		D00447127D050S		
	C504SBL		-	C,CERAMIC 470PF-K/500V		D00447127D050S		
	C504SBR		-	C,CERAMIC 470PF-K/500V		D00447127D050S		
	C504SL		-	C,CERAMIC 470PF-K/500V		D00447127D050S		
	C504SR		-	C,CERAMIC 470PF-K/500V		D00447127D050S		
	C505C		00D 963 0216 100	C,CERAMIC 33PF-J/500V		D00033006D050S		
	C505FL		00D 963 0216 100	C,CERAMIC 33PF-J/500V		D00033006D050S		
	C505FR		00D 963 0216 100	C,CERAMIC 33PF-J/500V		D00033006D050S		
	C505SBL		00D 963 0216 100	C,CERAMIC 33PF-J/500V		D00033006D050S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C505SBR		00D 963 0216 100	C,CERAMIC 33PF-J/500V		D00033006D050S		
	C505SL		00D 963 0216 100	C,CERAMIC 33PF-J/500V		D00033006D050S		
	C505SR		00D 963 0216 100	C,CERAMIC 33PF-J/500V		D00033006D050S		
	C506C		00D 963 0311 607	C,ELECT 100UF-M/10V (Pb Free)		D040101082090S		
	C506FL		00D 963 0324 209	C,ELECT 220UF-M/35V		D040221085060S		*
	C506FR		00D 963 0324 209	C,ELECT 220UF-M/35V		D040221085060S		*
	C506SBL		00D 963 0311 607	C,ELECT 100UF-M/10V (Pb Free)		D040101082090S		
	C506SBR		00D 963 0311 607	C,ELECT 100UF-M/10V (Pb Free)		D040101082090S		
	C506SL		00D 963 0311 607	C,ELECT 100UF-M/10V (Pb Free)		D040101082090S		
	C506SR		00D 963 0311 607	C,ELECT 100UF-M/10V (Pb Free)		D040101082090S		
	C507C		00D 963 9003 194	C,FILM 0.0022UF-J/100V		D02022206C060S		
	C507FL		00D 963 9003 194	C,FILM 0.0022UF-J/100V		D02022206C060S		
	C507FR		00D 963 9003 194	C,FILM 0.0022UF-J/100V		D02022206C060S		
	C507SBL		00D 963 9003 194	C,FILM 0.0022UF-J/100V		D02022206C060S		
	C507SBR		00D 963 9003 194	C,FILM 0.0022UF-J/100V		D02022206C060S		
	C507SL		00D 963 9003 194	C,FILM 0.0022UF-J/100V		D02022206C060S		
	C507SR		00D 963 9003 194	C,FILM 0.0022UF-J/100V		D02022206C060S		
	C508		00D 963 9005 804	C,ELECT 100UF-M/25V		D040101084060S		
	C514C		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C514FL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C514FR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C514SBL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C514SBR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C514SL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C514SR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C514SW		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C550		00D 963 9005 875	C,ELECT 47UF-M/25V		D040470084070S		
	C551		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C551T		00D 963 0244 606	C,ELECT 0.1UF-M/50V (Pb Free)	2307CIE3	D040R10087080S		
	C552		00D 963 0324 102	C,ELECT 1000UF-M/25V		D040102084060S		*
	C552S	nsp	00D 963 0234 001	C,CERAMIC 0.047UF-Z/50V		D011473597160S		
	C553		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C553M		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V		D005103773530S		
	C553S	nsp	00D 963 0234 001	C,CERAMIC 0.047UF-Z/50V		D011473597160S		
	C554S	nsp	00D 963 0234 001	C,CERAMIC 0.047UF-Z/50V		D011473597160S		
	C555		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V		D005103773530S		
	C555M	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C556		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V		D005103773530S		
	C557		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C558-563	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C564	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C564T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C565	nsp	-	C,CERAMIC 0.1UF-K/50V	2307CIE3,887E3, E2,E2A,EUT	D011104577162S		
	C565T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C566T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C567T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C568T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C569T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C570T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C571T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C572T	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C577M	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1000A		00D 963 0021 900	C,FILM 0.047UF-J/100V		D02047306C060S		
	C1000B		00D 963 0021 900	C,FILM 0.047UF-J/100V		D02047306C060S		
	C1001		00D 963 0021 900	C,FILM 0.047UF-J/100V		D02047306C060S		
	C1002		00D 963 0324 704	C,ELECT 4700UF-M/16V		D040472083200S		*
	C1003		00D 963 0217 002	C,ELECT 3300UF-M/16V		D040332083010S		
	C1004		00D 963 0021 104	C,ELECT 6800UF-M/16V		D040682083000S		
	C1005		-	C,ELECT 100UF-M/16V		D040101083060S		
	C1006		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C1007,1008	nsp	00D 963 0224 105	C,CERAMIC 1000PF-K/50V		D011102777160S		
OTHERS PARTS GROUP								
	CLAMP01,02	nsp	00D 960 0260 005	CLAMP WIRE		4330000120000S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	CN501	nsp	00D 963 0205 700	CN.WAFER 5P		L101100030510S		
	CN502	nsp	00D 963 0236 902	CN.WAFER 12P		L101100031210S		
	CN503	nsp	00D 963 0205 700	CN.WAFER 5P		L101100030510S		
	CN504	nsp	00D 963 0085 506	CN.WAFER 9P		L101100030910S		
	CN505	nsp	00D 963 0086 505	CN.WAFER 7P		L101100030710S		
	CN513	nsp	00D 963 0236 805	CN.WIRE 80MM/9P		L000800090070S		
	CN552	nsp	00D 963 0086 107	CN.WAFER 16P		L101100031610S		
	CN553	nsp	00D 963 0110 701	CN.WAFER 14P		L101100031410S		
	CN555	nsp	00D 963 0110 701	CN.WAFER 14P		L101100031410S		
	CN556	nsp	00D 963 0086 709	CN.WAFER 11P		L101100031110S		
	CN558		00D 963 0329 903	CN.WIRE 80MM/15P		L000800150050S		*
	CN559		00D 963 0328 904	CN.WIRE 120MM/15P		L000121150050S		*
	CN560		00D 963 0060 806	CN.WAFER 11P		L101220110000S		
	CN562		00D 963 0329 602	CN.WIRE 300MM/3P		L000301030060S		*
	CN1311	nsp	00D 963 0111 108	CN.WAFER 14P	2307CIE3	L101100041410S		
	CN1711	nsp	00D 963 0097 400	CN.WAFER 8P		L101100040810S		
	CP101H		00D 963 0330 303	CN.WAFER 10P		L101220100010S		*
	CP506		00D 963 0330 206	CN.WAFER 9P		L101220090010S		*
	CP507	nsp	00D 963 0060 703	CN.WAFER 15P		L101220150000S		
	CP509	nsp	00D 963 0066 101	CN.WAFER 5P		L101220050000S		
	CP513	nsp	00D 963 0068 303	CN.WAFER 9P		L101220090000S		
	CP554	nsp	00D 960 0123 207	CN.WAFER 3P		L102526700300S		
	CP558	nsp	00D 963 0060 703	CN.WAFER 15P		L101220150000S		
	CP701	nsp	00D 963 0097 400	CN.WAFER 8P	2307CIE3	L101100040810S		
	CP706	nsp	00D 963 0097 400	CN.WAFER 8P		L101100040810S		
	CP1001	nsp	00D 963 0097 400	CN.WAFER 8P		L101100040810S		
	CP1104	nsp	00D 963 0111 108	CN.WAFER 14P		L101100041410S		
	CP1602	nsp	00D 963 0097 507	CN.WAFER 15P		L101100041510S		
⚠	F1000		00D 963 0104 801	FUSE T3.15A /250V		N751223151110S		
⚠	F1001		00D 963 0104 801	FUSE T3.15A /250V		N751223151110S		
	F1000A		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	F1000B		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	F1001A		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	F1001B		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	JP501A		00D 963 0258 003	R,CHIP THICK 0-J,1/8W		C200000061300S		
		nsp	00D 960 0184 000	BRACKET SCREW		4010210196000S		
		nsp	00D 960 0184 000	BRACKET SCREW		4010210196000S		

OPTICAL P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC1501 IC1502		00D 960 0100 301 00D 960 0174 104	IC KIA7812API IC CXA1511M-T4	Except for JP 2307CIE3,887E3, E2,E2A,EUT	J126781200040S J030151100010S		
	IC1503 IC1601		00D 960 0174 502 00D 963 0326 809	IC NJM2068DD IC TC74HC151AF		J121206800000S J040741510060S		*
	IC1602 IC1603 IC1604 IC1702		00D 963 0326 605 00D 262 3561 908 00D 963 0326 702 00D 262 3571 901	IC TC74VHC04F TC74VHC14F IC TC74VHCT08AF HIN202EIBNZ-T	2307CIE3,E2, E2A,EUT	J040740400280S J040741400190S J040740800250S J040202000010S		*
	Q1501 Q1503-1506 Q1601 Q1602 Q1701-1716		00D 960 0097 003 00D 963 0044 301 00D 276 0844 902 00D 963 0121 606 00D 963 0044 301	TR KRA104M TR KTC2875B TR 2SA933S TR KRC107S TR KTC2875B	2307CIE3,887E3, E2,E2A,EUT Except for JP	J6000104M0010S J5222875B0010S J5000933S0050S J522107S00210S J5222875B0010S		
	Q1717 Q1718 D1501 D1601,1602		00D 963 0121 606 00D 963 0148 508 00D 960 0197 000 00D 963 0245 100	TR KRC107S TR KTA1504S D,SWITCHING KDS160(UF) D,SWITCHING KDS226ST1(C3)	2307CIE3,E2, E2A,EUT 2307CIE3,E2, E2A,EUT 2307CIE3,887E3, E2,E2A,EUT	J522107S00210S J520015040150S K005016000010S K005022600020S		
	D1603-1605 D1606-1608 D1701 ZD1501		00D 960 0197 000 00D 276 0833 900 00D 960 0197 000 00D 960 0095 704	D,SWITCHING KDS160(UF) ESD PROTECTOR(6802) D,SWITCHING KDS160(UF) D,ZENER MTZJ6.2B	2307CIE3,E2, E2A,EUT 2307CIE3,887E3, E2,E2A,EUT	K005016000010S K067680200010S K005016000010S K06006R244520S		
	ZD1701,1702 LED311 OPT1601		00D 963 0219 903 00D 963 0148 605 00D 963 0237 503	D,ZENER MTZJ16B LED,ROUND SML1216W MODULE JSR1165-C	2307CIE3,E2, E2A,EUT	K06016R044520S K500052600030S E100116500040S		
	OPT1602 OPT1603 OPT1604		00D 963 0237 503 00D 963 0237 503 00D 963 0225 104	MODULE JSR1165-C MODULE JSR1165-C MODULE JST1165-B		E100116500040S E100116500040S E100116500030S		
CAPACITORS GROUP								
	C341,342 C343 C1501,1502 C1503		00D 963 0225 609 00D 963 0020 202 00D 963 0234 205 00D 963 0233 303	C,CERAMIC 0.047UF-Z/50V C,CERAMIC 0.1UF-Z/50V C,ELECT 10UF-M/50V C,CERAMIC 0.01UF-M/16V	Except for JP	D005473597520S D005104597530S D040100087070S D005103773530S		
	C1505 C1506 C1507 C1508 C1509	nsp nsp	00D 963 0293 602 00D 963 9004 698 00D 963 0223 601 - 00D 963 9005 862	C,ELECT 1UF-M/50V (Pb Free) C,CERAMIC 0.01UF-K/50V C,CERAMIC 100PF-J/50V C,FILM 0.012UF-J/100V C,ELECT 47UF-M/16V	2307CIE3,887E3, E2,E2A,EUT 2307CIE3,887E3, E2,E2A,EUT 2307CIE3,887E3, E2,E2A,EUT 2307CIE3,887E3, E2,E2A,EUT	D040010087150S D011103777160S D010101167160S D02012306C060S D040470083080S		
	C1510 C1511 C1512 C1515,1516 C1517,1518	 nsp nsp nsp	- 00D 963 0244 606 00D 963 9004 708 00D 963 0233 604 00D 963 0223 601	C,FILM 0.012UF-J/100V C,ELECT 0.1UF-M/50V (Pb Free) C,CERAMIC 0.1UF-K/50V C,CERAMIC 220PF-J/50V C,CERAMIC 100PF-J/50V	2307CIE3,887E3, E2,E2A,EUT 2307CIE3,887E3, E2,E2A,EUT	D02012306C060S D040R10087080S D011104577160S D010221167160S D010101167160S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C1519,1520 C1521,1522 C1523,1524 C1525,1526 C1527,1528	nsp	- - 00D 963 0224 202 00D 963 0234 205 00D 963 9006 557	C,FILM 0.024UF-J/50V C,FILM 0.0068UF-J/50V C,CERAMIC 0.022UF-K/25V C,ELECT 10UF-M/50V C,ELECT 220UF-M/6.3V		D020243167050S D020682167050S D011223777160S D040100087070S D040221081060S		
	C1529,1530 C1601 C1602 C1603 C1604	nsp nsp nsp	00D 960 9010 010 00D 963 9005 862 00D 963 9004 708 00D 963 9004 591 00D 963 9005 862	C,ELECT 4.7UF-M/50V C,ELECT 47UF-M/16V C,CERAMIC 0.1UF-K/50V C,CERAMIC 22PF-J/50V C,ELECT 47UF-M/16V		D0404R7087250S D040470083080S D011104577160S D010220167160S D040470083080S		
	C1605 C1606 C1607-1609 C1610 C1611	nsp nsp nsp nsp nsp	00D 963 9004 708 00D 963 9004 591 00D 963 9004 708 00D 963 9005 862 00D 963 9004 708	C,CERAMIC 0.1UF-K/50V C,CERAMIC 22PF-J/50V C,CERAMIC 0.1UF-K/50V C,ELECT 47UF-M/16V C,CERAMIC 0.1UF-K/50V		D011104577160S D010220167160S D011104577160S D040470083080S D011104577160S		
	C1612 C1613 C1614 C1615 C1616	nsp nsp nsp nsp	00D 963 9004 591 00D 960 9010 010 00D 963 9004 708 00D 963 9005 862 00D 963 9004 708	C,CERAMIC 22PF-J/50V C,ELECT 4.7UF-M/50V C,CERAMIC 0.1UF-K/50V C,ELECT 47UF-M/16V C,CERAMIC 0.1UF-K/50V		D010220167160S D0404R7087250S D011104577160S D040470083080S D011104577160S		
	C1617 C1618 C1619 C1620 C1622	nsp nsp nsp nsp nsp	00D 960 9010 010 00D 963 9004 708 00D 963 9004 591 00D 963 0223 601 00D 963 9004 708	C,ELECT 4.7UF-M/50V C,CERAMIC 0.1UF-K/50V C,CERAMIC 22PF-J/50V C,CERAMIC 100PF-J/50V C,CERAMIC 0.1UF-K/50V		D0404R7087250S D011104577160S D010220167160S D010101167160S D011104577160S		
	C1623 C1624 C1625-1629 C1630 C1701,1702	nsp nsp nsp nsp	00D 960 9010 010 00D 963 0224 105 00D 963 0223 601 00D 963 9004 708 00D 963 0234 205	C,ELECT 4.7UF-M/50V C,CERAMIC 1000PF-K/50V C,CERAMIC 100PF-J/50V C,CERAMIC 0.1UF-K/50V C,ELECT 10UF-M/50V		D0404R7087250S D011102777160S D010101167160S D011104577160S D040100087070S		
	C1703,1704 C1705,1706 C1707,1708 C1709,1710 C1711,1712	nsp nsp nsp nsp	00D 963 0223 601 00D 963 0234 205 00D 963 0223 601 00D 963 0234 205 00D 963 0223 601	C,CERAMIC 100PF-J/50V C,ELECT 10UF-M/50V C,CERAMIC 100PF-J/50V C,ELECT 10UF-M/50V C,CERAMIC 100PF-J/50V		D010101167160S D040100087070S D010101167160S D040100087070S D010101167160S		
	C1713,1714 C1715,1716 C1729,1730 C1731 C1732-1735	nsp nsp nsp	00D 963 0234 205 00D 963 0223 601 00D 963 9004 708 00D 963 0311 607 00D 963 0244 606	C,ELECT 10UF-M/50V C,CERAMIC 100PF-J/50V C,CERAMIC 0.1UF-K/50V C,ELECT 100UF-M/10V (Pb Free) C,ELECT 0.1UF-M/50V (Pb Free)	2307CIE3,E2, E2A,EUT 2307CIE3,E2, E2A,EUT 2307CIE3,E2, E2A,EUT	D040100087070S D010101167160S D011104577160S D040101082090S D040R10087080S		
	C1737 C1738-1740 C1741,1742 C1751-1754	nsp nsp nsp nsp	00D 963 9004 708 00D 963 0223 601 00D 963 9004 708 00D 963 9004 708	C,CERAMIC 0.1UF-K/50V C,CERAMIC 100PF-J/50V C,CERAMIC 0.1UF-K/50V C,CERAMIC 0.1UF-K/50V	2307CIE3,E2, E2A,EUT 2307CIE3,E2, E2A,EUT 2307CIE3,E2, E2A,EUT	D011104577160S D010101167160S D011104577160S D011104577160S		
OTHERS PARTS GROUP								
	BD1501 CN508	nsp	00D 963 0154 602 00D 963 0328 904	BEAD,COIL 3580 CN,WIRE 120MM/15P	Except for JP	7610010030000S L000121150050S		*
	CN509 CN1502 CN1503 CN1601 CN1602	nsp nsp nsp nsp	00D 963 0329 107 00D 963 0086 709 00D 963 0256 801 00D 963 0086 107 00D 963 0097 206	CN,WIRE 130MM/5P CN.WAFER 11P CN.WAFER 10P CN.WAFER 16P CN.WAFER 8P		L000131050010S L101100031110S L101100031010S L101100031610S L101100030810S		*
	CN1703 CP391 CP1501	nsp nsp	00D 963 0097 206 00D 963 0160 900 00D 963 0330 905	CN.WAFER 8P CN.WAFER 8P CN.FPC 15P	Except for JP	L101100030810S L101220080010S L131101500010S		*
	G302		00D 963 0257 509	RING,TER WIRE 80MM/1P		8410800010100S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	JACK1501, 1502		00D 963 0244 703	JACK PJ-308-02	2307CIE3,887E3, E2,E2A,EUT	G40130802000YS		
	JACK1503		00D 963 0325 703	TER,RCA 2PIN		G601206B0300YS		*
	JACK1601		00D 963 0217 905	TER,RCA 2PIN		G601206A0200YS		
	JACK1602		00D 963 0294 601	JACK PJ-350(I-POD)		G40100350000YS		
	JACK1603		00D 963 0146 209	TER,RCA 4PIN		G602405B01000S		
	JACK1701		00D 963 0256 500	CN.WAFER 9P	2307CIE3,E2,E2A, EUT	L103090090030S		
	JACK1702, 1703		00D 963 0325 606	JACK PJ-308-02(RD)	2307CIE3	G40130802001YS		*
	JACK1704, 1705		00D 963 0146 209	TER,RCA 4PIN		G602405B01000S		
	L1503	nsp	00D 963 0154 602	BEAD,COIL 3580	2307CIE3,887E3, E2,E2A,EUT	7610010030000S		
	L1505,1506		00D 235 0125 905	COIL 7BR-K251000BSP-KR	E2,E2A	D300700000030S		
	L1601-1604	nsp	00D 963 0050 803	COIL INDUCTOR 4.7UH-Q50/56M		D3304R7000150S		
	L1704-1707	nsp	00D 963 0220 002	BEAD,COIL HB-IT2012	2307CIE3,E2,E2A, EUT	7611010000020S		
	L1708,1709	nsp	00D 963 0154 602	BEAD,COIL 3580	2307CIE3,E2,E2A, EUT	7610010030000S		
	SW901,902		00D 963 0200 103	SW,TACT SKHV10920A		G180000270010S		
	SW904		00D 963 0200 103	SW,TACT SKHV10920A		G180000270010S		
	VEC303		00D 963 0095 208	SW,ENCODER EC16B24SA		G121162400040S		
			-	PLATE PHONO		4470210956000S		

2CH-AMP P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC101H IC102X IC103H IC103X		00D 963 0313 702 00D 963 0327 206 00D 963 0327 905 00D 263 1223 005	IC BA033T/3.3V IC BA50BC0T TR KTB778 PQ20RX11J00H	2307CIE3,887E3	J12603R300010S J126050000040S J501778000010S J126201100010S		* *
	Q101H Q101SBL Q101SBR Q101X		00D 963 0327 808 00D 963 0235 301 00D 963 0235 301 00D 963 0120 801	TR KTA1281Y TR 2SD2560Y TR 2SD2560Y TR KRC102S	2307CIE3,887E3	J5001281Y0010S J5032560Y0170S J5032560Y0170S J522010200210S		*
	Q102H Q102SBL Q102SBR Q102X Q103SBL		00D 963 0121 606 00D 963 0235 204 00D 963 0235 204 00D 963 0120 801 00D 963 0280 107	TR KRC107S TR 2SB1647Y TR 2SB1647Y TR KRC102S TR 2SC3964	2307CIE3,887E3	J522107S00210S J5011647Y0170S J5011647Y0170S J522010200210S J502396400000S		
	Q103SBR Q104SBL Q104SBR D100X		00D 963 0280 107 00D 960 0196 506 00D 960 0196 506 00D 960 0197 107	TR 2SC3964 TR KSC1845F TR KSC1845F D,RECTIFIER BRIDGE KBPC604 6A		J502396400000S J5021845F0000S J5021845F0000S K047604000020S		
	D101SBL D101SBR D102SBL D102SBR D106,107		00D 963 0355 401 00D 963 0355 401 00D 963 0355 401 00D 963 0355 401 00D 963 0020 309	D,SWITCHING KDS4148U D,SWITCHING KDS4148U D,SWITCHING KDS4148U D,SWITCHING KDS4148U D,SWITCHING 1SS133T		K005041480030S K005041480030S K005041480030S K005041480030S K000013300520S		
	ZD101H ZD101SBL ZD101SBR ZD102SBL ZD102SBR		00D 960 0095 704 00D 276 0843 903 00D 276 0843 903 00D 276 0844 902 00D 276 0844 902	D,ZENER MTZJ6.2B HZS3C-3(52mm) HZS3C-3(52mm) HZS3B-3(52mm) HZS3B-3(52mm)		K06006R244520S K06003R37Z520S K06003R37Z520S K06003R36Z520S K06003R36Z520S		
RESISTORS GROUP								
	R104SBL		00D 963 9006 285	R,FIXED 1WJ-5.6K		N113135656220S		
	R104SBR R105H R105SBL R105SBR R106SBL		00D 963 9006 285 - 00D 963 9006 285 00D 963 9006 285 00D 963 0215 907	R,FIXED 1WJ-5.6K R,METAL FILM 33-J,1W R,FIXED 1WJ-5.6K R,FIXED 1WJ-5.6K R,METAL FILM 4.7-J,1W		N113135656220S N113135656220S C060033065050S N113135656220S N113135656220S C0604R7065050S		
	R106SBR R107SBL R107SBR R108SBL R108SBR		00D 963 0215 907 00D 963 0215 907 00D 963 0215 907 00D 963 9006 269 00D 963 9006 269	R,METAL FILM 4.7-J,1W R,METAL FILM 4.7-J,1W R,METAL FILM 4.7-J,1W R,FIXED 1WJ-0.22 R,FIXED 1WJ-0.22		C0604R7065050S C0604R7065050S C0604R7065050S N113135622820S N113135622820S		
	R109SBL R109SBR R110SBL R110SBR R111SBL		00D 963 9006 269 00D 963 9006 269 00D 963 9006 269 00D 963 9006 269 00D 963 9006 269	R,FIXED 1WJ-0.22 R,FIXED 1WJ-0.22 R,FIXED 1WJ-0.22 R,FIXED 1WJ-0.22 R,FIXED 1WJ-0.22		N113135622820S N113135622820S N113135622820S N113135622820S N113135622820S		
	R111SBR R118SBL R118SBR R119SBL R119SBR		00D 963 9006 269 00D 963 9006 256 00D 963 9006 256 00D 963 9006 256 00D 963 9006 256	R,FIXED 1WJ-0.22 R,FIXED 1WJ-10 R,FIXED 1WJ-10 R,FIXED 1WJ-10 R,FIXED 1WJ-10		N113135622820S N113135610020S N113135610020S N113135610020S N113135610020S		
	VR106,107		00D 963 0105 208	VR,SEMI 1KB RH063LC13R		C544102015140S		
CAPACITORS GROUP								
	C101H C101SBL C101SBR C101X		00D 963 0255 501 00D 963 0234 506 00D 963 0234 506 00D 963 9003 097	C,ELECT 18000UF-M/16V C,ELECT 47UF-M/50V(Pb Free) C,ELECT 47UF-M/50V(Pb Free) C,FILM 0.1UF-K/250V		D040183083000S D040470087070S D040470087070S D02010407H080S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C102H		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C102SBL		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C102SBL		00D 963 0234 506	C,ELECT 47UF-M/50V(Pb Free)	JP	D040470087070S		
	C102SBR		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C102SBR		00D 963 0234 506	C,ELECT 47UF-M/50V(Pb Free)	JP	D040470087070S		
	C103H		00D 963 9005 875	C,ELECT 47UF-M/25V		D040470084070S		
	C103SBL		00D 963 9003 084	C,CERAMIC 100PF-K/500V		D00410106D050S		
	C103SBR		00D 963 9003 084	C,CERAMIC 100PF-K/500V		D00410106D050S		
	C103X		00D 963 0255 501	C,ELECT 18000UF-M/16V	2307CIE3,887E3	D040183083000S		
	C104SBL		00D 963 9003 084	C,CERAMIC 100PF-K/500V		D00410106D050S		
	C104SBR		00D 963 9003 084	C,CERAMIC 100PF-K/500V		D00410106D050S		
	C104X		-	C,ELECT 100UF-M/16V	2307CIE3,887E3	D040101083070S		
	C105SBL		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V		D005103773530S		
	C105SBR		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V		D005103773530S		
	C106X	nsp	00D 963 0224 105	C,CERAMIC 1000PF-K/50V		D011102777160S		
	C107SBL		00D 963 9003 097	C,FILM 0.1UF-K/250V		D02010407H080S		
	C107SBR		00D 963 9003 097	C,FILM 0.1UF-K/250V		D02010407H080S		
	C107X		-	C,ELECT 100UF-M/16V		D040101083070S		
	C108X	nsp	00D 963 0224 105	C,CERAMIC 1000PF-K/50V	E2,E2A,EUT, E1C,JP	D011102777160S		
	C109X		00D 960 9009 940	C,ELECT 1000UF-M/16V		D040102083030S		
OTHERS PARTS GROUP								
	CN101H		00D 963 0329 204	CN,WIRE 130MM/10P		L000131100010S		*
	CN506		00D 963 0329 709	CN,WIRE 350MM/3P		L000351030120S		*
	CN506T		00D 963 0328 807	CN,WIRE 110MM/9P		L000111090010S		*
	CP101X	nsp	00D 960 0123 207	CN.WAFER 3P		L102526700300S		
	CP992	nsp	00D 960 0217 553	CN.WAFER 4P		L102526700400S		
⚠	F100X		00D 963 0104 801	FUSE T3.15A /250V		N751223151110S		
⚠	F101X		00D 963 0104 801	FUSE T3.15A /250V		N751223151110S		
	F100X1		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	F100X2		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	F101X1		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	F101X2		00D 960 0005 804	HOLDER,FUSE CLIP		G645000050010S		
	L101SBL		00D 963 0049 005	COIL INDUCTOR 0.5UH-BULK		D330R50000000S		
	L101SBR		00D 963 0049 005	COIL INDUCTOR 0.5UH-BULK		D330R50000000S		
	TP106,107	nsp	00D 963 0207 203	CN.WAFER 3P		L101530150310S		

INPUT P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC201T		00D 262 3567 009	TC94A27BUG(BR-DRY)		J084942700010S		
	IC202T		00D 262 3567 009	TC94A27BUG(BR-DRY)		J084942700010S		
	IC203T		00D 963 0326 508	IC NJU7313AL		J040731300010S		*
	IC204T		00D 963 0326 508	IC NJU7313AL		J040731300010S		*
	IC205-207		00D 963 0202 305	IC NJM2068M		J121206800020S		
	IC208-211		00D 963 0159 005	IC NJM5532M		J121553200030S		
	IC701		00D 262 3568 008	TC9274CNG-011		J040927400030S		
	IC701M		00D 963 0202 305	IC NJM2068M		J121206800020S		
	IC702		00D 963 0202 305	IC NJM2068M		J121206800020S		
	IC705		00D 262 3566 000	TC9273CNG-004		J040927300010S		
	IC707,708		00D 963 0202 305	IC NJM2068M	2307CIE3,887E3, E2,E2A,EUT	J121206800020S		
	Q207T		00D 960 0196 807	TR 2SK117Y (TYPE2)		J5441170Y0050S		
	Q208T		00D 960 0196 807	TR 2SK117Y (TYPE2)		J5441170Y0050S		
	Q209T		00D 960 0097 003	TR KRA104M		J6000104M0010S		
	Q210T		00D 963 0121 004	TR KRC104M		J502104000010S		
	Q1208-1211		00D 963 0044 301	TR KTC2875B	2307CIE3	J5222875B0010S		
	D205T		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D207T		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D231SL		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	ZD701M		00D 960 0095 500	D,ZENER MTZJ5.1B		K06005R144520S		
RESISTORS GROUP								
	R229T		00D 963 9005 639	R,METAL FILM 100-J,1W		C060010165060S		
	R230T		00D 963 9005 639	R,METAL FILM 100-J,1W		C060010165060S		
CAPACITORS GROUP								
	C211SW	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C212SW	nsp	00D 963 0233 808	C,CERAMIC 47PF-J/50V		D010470167160S		
	C213FL	nsp	00D 963 9004 591	C,CERAMIC 22PF-J/50V		D010220167160S		
	C213FR	nsp	00D 963 9004 591	C,CERAMIC 22PF-J/50V		D010220167160S		
	C213T		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C214T		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C215T		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C216T		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C217T		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C218FL	nsp	00D 963 0223 805	C,CERAMIC 33PF-J/50V		D010330167160S		
	C218FR	nsp	00D 963 0223 805	C,CERAMIC 33PF-J/50V		D010330167160S		
	C218T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C219FL		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C219FR		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C219SW		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C219T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C220T		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C221FL		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C221FR		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C222SW		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C223C		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C223FL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C223FR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C223SBL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C223SBR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C223SL		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C223SR		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C223SW		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C225T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C226T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C227T		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C228T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C229T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C230T		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C231C		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C231FL		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C231FR		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C231SBL		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C231SBR		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C231SR		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C231SW		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C231T		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C232C	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232FL	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232FR	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232SBL	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232SBR	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232SL	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232SR	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232SW	nsp	00D 960 9010 104	C,CERAMIC 5PF-C/50V		D010050107160S		
	C232T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C233	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C233T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C234	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C234T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C235T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C236	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C236T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C237	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C237T		00D 963 0312 004	C,ELECT 22UF-M/25V		D040220084050S		
	C238C		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C238FL		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C238FR		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C238SBL		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C238SBR		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C238SL		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C238SR		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C238SW		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C239T		00D 963 9010 641	C,CERAMIC 0.047UF-K/16V		D011473773160S		
	C240	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C240T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C241	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C241T		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C243T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C244T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C245T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C246T		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C247T	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C248T		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C249T	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C250T	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C251T	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C252T	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C253T	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C254L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C254R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C610L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V	2307CIE3	D010101167160S		
	C610R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V	2307CIE3	D010101167160S		
	C611L		00D 960 9010 010	C,ELECT 4.7UF-M/50V	2307CIE3	D0404R7087250S		
	C611R		00D 960 9010 010	C,ELECT 4.7UF-M/50V	2307CIE3	D0404R7087250S		
	C612L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V	2307CIE3,JP	D010101167160S		
	C612R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V	2307CIE3,JP	D010101167160S		
	C613L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C613R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C614L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C614R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C701BL		00D 960 9010 010	C,ELECT 4.7UF-M/50V	2307CIE3,887E3, E2,E2A,EUT	D0404R7087250S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C701BR		00D 960 9010 010	C,ELECT 4.7UF-M/50V	2307CIE3,887E3, E2,E2A,EUT	D0404R7087250S		
	C702BL	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V	2307CIE3,887E3, E2,E2A,EUT	D011103777160S		
	C702BR	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V	2307CIE3,887E3, E2,E2A,EUT	D011103777160S		
	C702L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C702R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C703BL		00D 963 0234 205	C,ELECT 10UF-M/50V	2307CIE3,887E3, E2,E2A,EUT	D040100087070S		
	C703BR		00D 963 0234 205	C,ELECT 10UF-M/50V	2307CIE3,887E3, E2,E2A,EUT	D040100087070S		
	C703L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C703R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C704BL		00D 963 0234 205	C,ELECT 10UF-M/50V	2307CIE3,887E3, E2,E2A,EUT	D040100087070S		
	C704BR		00D 963 0234 205	C,ELECT 10UF-M/50V	2307CIE3,887E3, E2,E2A,EUT	D040100087070S		
	C704L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C704R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C705L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C705R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C706L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C706R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C707L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C707R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C708L	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C708R	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C716L		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C716R		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C718L		00D 963 9005 862	C,ELECT 47UF-M/16V		D040470083080S		
	C718R		00D 963 9005 862	C,ELECT 47UF-M/16V		D040470083080S		
	C719L		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C719R		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C720L		00D 963 9005 862	C,ELECT 47UF-M/16V		D040470083080S		
	C720R		00D 963 9005 862	C,ELECT 47UF-M/16V		D040470083080S		
	C723M		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C724M		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C725	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C725M		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C726	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C726M	nsp	00D 963 0157 609	C,CERAMIC 150PF-J/50V		D010151167160S		
	C727		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C727M	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C728		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C728M	nsp	00D 963 0157 609	C,CERAMIC 150PF-J/50V		D010151167160S		
	C729M		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C730	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C730BL	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V	2307CIE3,887E3, E2,E2A,EUT	D010101167160S		
	C730BR	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V	2307CIE3,887E3, E2,E2A,EUT	D010101167160S		
	C730M		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C731	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C731BL	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V	2307CIE3,887E3, E2,E2A,EUT	D011103777160S		
	C731BR	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V	2307CIE3,887E3, E2,E2A,EUT	D011103777160S		
	C732-735	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C737M	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C738M	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C834		00D 960 9010 010	C,ELECT 4.7UF-M/50V	2307CIE3	D0404R7087250S		
	C836		00D 960 9010 010	C,ELECT 4.7UF-M/50V	2307CIE3	D0404R7087250S		
OTHERS PARTS GROUP								
	CN701	nsp	00D 963 0097 303	CN.WAFER 15P		L101100031510S		
	CN702	nsp	00D 963 0086 204	CN.WAFER 19P		L101100031910S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	CN703	nsp	00D 963 0110 701	CN.WAFER 14P		L101100031410S		
	CN703M		00D 963 0235 505	CN,WIRE 200MM/5P		L000201050080S		
	CN704	nsp	00D 963 0086 505	CN.WAFER 7P		L101100030710S		
	CN705	nsp	00D 963 0085 506	CN.WAFER 9P		L101100030910S		
	CN706	nsp	00D 963 0097 206	CN.WAFER 8P	2307CIE3,E2, E2A,EUT	L101100030810S		
	CN707	nsp	00D 963 0097 206	CN.WAFER 8P		L101100030810S		
	CP559	nsp	00D 963 0060 703	CN.WAFER 15P		L101220150000S		
	CP560	nsp	00D 963 0235 903	CN.WAFER 4P	887E3,E1C,JP	L101220040000S		
	CP1303	nsp	00D 963 0111 108	CN.WAFER 14P		L101100041410S		
	CP1304	nsp	00D 963 0097 400	CN.WAFER 8P		L101100040810S		
	CP1311	nsp	00D 963 0110 701	CN.WAFER 14P		L101100031410S		
	CP1711	nsp	00D 963 0097 206	CN.WAFER 8P		L101100030810S		
	CP1712	nsp	00D 963 0097 400	CN.WAFER 8P		L101100040810S		
	JK701		00D 960 0268 803	TER,RCA 6PIN		G603603B09000S		
	JK702,703		00D 963 0146 209	TER,RCA 4PIN		G602405B01000S		
	JK704		00D 960 0268 803	TER,RCA 6PIN	2307CIE3,JP	G603603B09000S		
	JK704		00D 963 0146 209	TER,RCA 4PIN	887E3,E2,E2A, EUT,E1C	G602405B01000S		
	MIC701		00D 963 0158 200	JACK PJ-323-4(MIC)		G40132340000YS		
			00D 963 0257 509	RING,TER WIRE 80MM/1P		8410800010100S		

S-C VIDEO P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC1001,1002 IC1005,1006 IC1007 IC1008		00D 263 1082 903 00D 963 0326 207 00D 963 0326 401 00D 963 0326 304	TK15420MTL +C IC BU4051BCFV IC BU4053BCFV-E2 IC BU4052BCFV		J127154200010S J040405100040S J040405300160S J040405200070S		* * *
	IC1009 IC1104,1105 IC1106-1108 IC1109,1110 IC1111,1112		00D 263 1082 903 00D 963 0326 207 00D 263 1082 903 00D 963 0326 207 00D 963 0326 401	TK15420MTL +C IC BU4051BCFV TK15420MTL +C IC BU4051BCFV IC BU4053BCFV-E2		J127154200010S J040405100040S J127154200010S J040405100040S J040405300160S		* * *
	IC1113 IC1116,1117 IC1118 IC1119,1120 IC1121		00D 963 0326 304 00D 263 1082 903 00D 262 2827 902 00D 963 0326 100 00D 263 1082 903	IC BU4052BCFV TK15420MTL +C MM74HC4053SJ +C IC BU4094BCFV TK15420MTL +C		J040405200070S J127154200010S J040744053060S J040140940040S J127154200010S		* * *
	IC1123 IC1124 IC1125 IC1126 IC1127		00D 262 3450 006 00D 963 0326 401 00D 963 0326 100 00D 963 0327 701 00D 963 0326 100	M35015-***SP IC BU4053BCFV-E2 IC BU4094BCFV IC NJM2229M IC BU4094BCFV	JP	J170350150010S J040405300160S J040140940040S J170222900010S J040140940040S		* * *
	IC1128,1129 IC1130 IC1131 Q1101,1102		00D 263 1082 903 00D 963 0300 702 00D 263 1205 900 00D 963 0328 302	TK15420MTL +C IC LM1117S PQ012FZ01ZP +C TR KTC3875G		J127154200010S J126111733030S J126012010010S J5223875G0210S		*
	D1001,1002 D1101-1103 D1105		00D 960 0197 000 00D 960 0197 000 00D 963 0328 506	D,SWITCHING KDS160(UF) D,SWITCHING KDS160(UF) D,SWITCHING KDS184S(B3)		K005016000010S K005016000010S K005018400020S		*
CAPACITORS GROUP								
	C1007-1010 C1013-1016 C1017-1024	nsp nsp	00D 963 9004 698 00D 963 0324 403 00D 963 9004 698	C,CERAMIC 0.01UF-K/50V C,ELECT 33UF-M/35V C,CERAMIC 0.01UF-K/50V		D011103777160S D040330085050S D011103777160S		*
	C1025,1026 C1027 C1028 C1029 C1030	 nsp	- 00D 963 9010 641 00D 963 0293 602 00D 963 9010 641 00D 963 9004 708	C,ELECT 100UF-M/16V C,CERAMIC 0.047UF-K/16V C,ELECT 1UF-M/50V (Pb Free) C,CERAMIC 0.047UF-K/16V C,CERAMIC 0.1UF-K/50V		D040101083070S D011473773160S D040010087150S D011473773160S D011104577160S		
	C1031,1032 C1033 C1034 C1035 C1036,1037	nsp nsp	00D 963 9004 698 00D 963 9010 641 00D 963 0324 500 00D 257 2015 903 00D 963 0223 601	C,CERAMIC 0.01UF-K/50V C,CERAMIC 0.1UF-K/16V C,ELECT 330UF-M/6.3V CS77B1A100MT C,CERAMIC 100PF-J/50V		D011103777160S D011473773160S D040331081060S D070100082301S D010101167160S		*
	C1038 C1039 C1040 C1041,1042 C1043	nsp nsp	00D 963 9004 708 00D 963 0324 500 00D 257 2015 903 00D 963 9004 708 00D 963 0324 500	C,CERAMIC 0.1UF-K/50V C,ELECT 330UF-M/6.3V CS77B1A100MT C,CERAMIC 0.1UF-K/50V C,ELECT 330UF-M/6.3V		D011104577160S D040331081060S D070100082301S D011104577160S D040331081060S		*
	C1044 C1071-1074 C1075 C1107-1116 C1119-1122	 nsp nsp nsp nsp	00D 257 2015 903 00D 963 0223 601 00D 963 9004 708 00D 963 9004 698 00D 963 9004 698	CS77B1A100MT C,CERAMIC 100PF-J/50V C,CERAMIC 0.1UF-K/50V C,CERAMIC 0.01UF-K/50V C,CERAMIC 0.01UF-K/50V		D070100082301S D010101167160S D011104577160S D011103777160S D011103777160S		
	C1125-1130 C1131-1134 C1135 C1136 C1137	nsp	00D 963 9004 698 - 00D 963 9010 641 00D 963 0293 602 00D 963 9010 641	C,CERAMIC 0.01UF-K/50V C,ELECT 100UF-M/16V C,CERAMIC 0.047UF-K/16V C,ELECT 1UF-M/50V (Pb Free) C,CERAMIC 0.047UF-K/16V		D011103777160S D040101083070S D011473773160S D040010087150S D011473773160S		
	C1138 C1139-1142 C1143 C1146,1147	nsp nsp	00D 963 9004 708 00D 963 9004 698 00D 963 9010 641 00D 963 9004 708	C,CERAMIC 0.1UF-K/50V C,CERAMIC 0.01UF-K/50V C,CERAMIC 0.047UF-K/16V C,CERAMIC 0.1UF-K/50V		D011104577160S D011103777160S D011473773160S D011104577160S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C1148		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C1149	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1150		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C1152	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1153	nsp	00D 963 0223 805	C,CERAMIC 33PF-J/50V		D010330167160S		
	C1154	nsp	00D 963 9005 723	C,CERAMIC 120PF-J/50V		D010121167160S		
	C1155	nsp	00D 963 0223 805	C,CERAMIC 33PF-J/50V		D010330167160S		
	C1157,1158	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1159		00D 963 0129 608	C,CERAMIC 15PF-J/50V		D010150167160S		
	C1161		-	C,ELECT 100UF-M/16V		D040101083070S		
	C1163	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1164		00D 963 0129 608	C,CERAMIC 15PF-J/50V		D010150167160S		
	C1165-1168	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1169,1170		-	C,ELECT 100UF-M/16V		D040101083070S		
	C1171	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1172		00D 963 0224 008	C,CERAMIC 470PF-J/50V		D010471167160S		
	C1173	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V	JP	D011103777160S		
	C1174		00D 963 0276 108	C,CERAMIC 3300PF-K/50V		D011332777160S		
	C1175-1177		-	C,ELECT 100UF-M/16V		D040101083070S		
	C1178		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C1179		00D 963 0234 205	C,ELECT 10UF-M/50V		D040100087070S		
	C1180		00D 963 0293 602	C,ELECT 1UF-M/50V (Pb Free)		D040010087150S		
	C1181		-	C,CERAMIC 0.068UF-Z/50V		D011683767160S		
	C1182	nsp	00D 963 0157 609	C,CERAMIC 150PF-J/50V		D010151167160S		
	C1183	nsp	00D 963 0224 105	C,CERAMIC 1000PF-K/50V		D011102777160S		
	C1184	nsp	00D 963 0224 202	C,CERAMIC 0.022UF-K/25V		D011223777160S		
	C1185	nsp	00D 963 0129 909	C,CERAMIC 1200PF-K/50V		D011122777160S		
	C1186	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C1187		00D 960 9010 010	C,ELECT 4.7UF-M/50V		D0404R7087250S		
	C1188-1191	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C1192,1193		-	C,ELECT 100UF-M/16V		D040101083070S		
	C1194,1195	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C1198,1199	nsp	00D 963 0224 105	C,CERAMIC 1000PF-K/50V		D011102777160S		
OTHERS PARTS GROUP								
	CN1001	nsp	00D 963 0097 206	CN.WAFER 8P		L101100030810S		
	CN1104	nsp	00D 963 0110 701	CN.WAFER 14P		L101100031410S		
	CN1105	nsp	00D 960 0239 900	CN.WAFER 13P		L101100031310S		
	CN1106	nsp	00D 963 0086 709	CN.WAFER 11P		L101100031110S		
	CP807	nsp	00D 963 0235 903	CN.WAFER 4P		L101220040000S		
	CP3002B		00D 963 0330 604	CN.FPC 11P		L130211100010S		*
	JACK802,803		00D 963 0218 001	TER,RCA 2PIN		G60122001000YS		
	JACK804		00D 963 0218 108	TER,RCA 3PIN		G60630401000YS		
	JK801		00D 963 0146 209	TER,RCA 4PIN		G602405B01000S		
	L1101		-	COIL INDUCTOR 15UH-Q50/17M		D330150010050S		
	XTAL1101		00D 963 0217 400	CRYSTAL 14.31818MHZ		E80014R318080S		
	XTAL1102			CRYSTAL CSB503F2		E800503000010S		
	TR1001		00D 963 0120 801	TR KRC102S		J522010200210S		
	TR1002		00D 963 0120 801	TR KRC102S		J522010200210S		
	TR1003		00D 963 0148 508	TR KTA1504S		J520015040150S		
	TR1101		00D 963 0120 801	TR KRC102S		J522010200210S		
	TR1102		00D 963 0120 801	TR KRC102S		J522010200210S		
	TR1103		00D 963 0148 508	TR KTA1504S		J520015040150S		
			-	CUSHION INPUT		4050210765000S		
			-	PLATE SC VIDEO		4470211076000S		

COMPONENT P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC1301 IC1302,1303		00D 262 3551 002 00D 963 0327 604	IC NJW1321FP1 IC NJM2581M		J171132100010S J127258100010S		*
	D1317,1318		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
CAPACITORS GROUP								
	C1301-1309 C1310-1318	nsp	00D 963 9004 708 00D 963 0234 205	C,CERAMIC 0.1UF-K/50V C,ELECT 10UF-M/50V		D011104577160S D040100087070S		
	C1319-1321 C1322	nsp	00D 963 9004 708 -	C,CERAMIC 0.1UF-K/50V C,ELECT 100UF-M/16V		D011104577160S D040101083070S		
	C1323-1328 C1329-1331 C1332	nsp	00D 963 9004 708 00D 963 0234 205 00D 963 0293 602	C,CERAMIC 0.1UF-K/50V C,ELECT 10UF-M/50V C,ELECT 1UF-M/50V (Pb Free)		D011104577160S D040100087070S D040010087150S		
	C1333,1334 C1335 C1336	nsp	- 00D 960 9010 094 -	C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V		D040101083070S D011103597160S D040101083070S		
	C1337 C1338	nsp	00D 960 9010 094 -	C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V		D011103597160S D040101083070S		
	C1339 C1340 C1341 C1342 C1343	nsp	00D 960 9010 094 - 00D 960 9010 094 - 00D 960 9010 094	C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V		D011103597160S D040101083070S D011103597160S D040101083070S D011103597160S		
	C1344 C1345 C1346 C1347 C1348-1350	nsp	- 00D 960 9010 094 00D 963 0234 001 00D 963 0293 602 00D 960 9010 094	C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V C,CERAMIC 0.047UF-Z/50V C,ELECT 1UF-M/50V (Pb Free) C,CERAMIC 0.01UF-Z/50V		D040101083070S D011103597160S D011473597160S D040010087150S D011103597160S		
	C1351 C1352-1354 C1355 C1356 C1358	nsp	00D 963 0324 403 00D 960 9010 094 00D 963 0324 403 00D 963 0234 001 00D 963 0233 604	C,ELECT 33UF-M/35V C,CERAMIC 0.01UF-Z/50V C,ELECT 33UF-M/35V C,CERAMIC 0.047UF-Z/50V C,CERAMIC 220PF-J/50V		D040330085050S D011103597160S D040330085050S D011473597160S D010221167160S		*
	C1359-1362 C1363 C1364-1366 C1367 C1368	nsp	00D 960 9010 094 00D 963 0324 403 00D 960 9010 094 00D 963 0324 403 00D 963 0234 001	C,CERAMIC 0.01UF-Z/50V C,ELECT 33UF-M/35V C,CERAMIC 0.01UF-Z/50V C,ELECT 33UF-M/35V C,CERAMIC 0.047UF-Z/50V		D011103597160S D040330085050S D011103597160S D040330085050S D011473597160S		*
	C1369,1370	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
OTHERS PARTS GROUP								
	CN1303	nsp	00D 963 0110 701	CN.WAFER 14P		L101100031410S		
	CN1304	nsp	00D 963 0097 206	CN.WAFER 8P		L101100030810S		
	CP3001B		00D 963 0330 701	CN.FPC 18P		L130211800010S		*
	JACK1301, 1302		00D 963 0146 306	TER,RCA 6PIN		G603603B2600YS		
	TR1301 TR1302 TR1303		00D 963 0120 801 00D 963 0121 606 00D 963 0148 508	TR KRC102S TR KRC107S TR KTA1504S		J522010200210S J522107S00210S J520015040150S		

D-VIDEO P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC1301 IC1302,1303 IC1304,1305		00D 275 0110 905 00D 963 0327 604 00D 963 0326 304	IC NJW1321FP1 IC NJM2581M IC BU4052BCFV		J171132100010S J127258100010S J040405200070S		* *
	D1317,1318		00D 963 0219 709	D,SWITCHING 1N4148W		K005041480020S		
CAPACITORS GROUP								
	C1301-1309		-	C,CERAMIC 0.1UF-K/50V		D011104577162S		
	C1310-1318 C1319-1321 C1322 C1323-1328 C1329-1331		00D 963 0234 205 - - - 00D 963 0234 205	C,ELECT 10UF-M/50V C,CERAMIC 0.1UF-K/50V C,ELECT 100UF-M/16V C,CERAMIC 0.1UF-K/50V C,ELECT 10UF-M/50V		D040100087070S D011104577162S D040101083070S D011104577162S D040100087070S		
	C1332 C1333,1334 C1335 C1336 C1337	nsp	00D 963 0293 602 - 00D 960 9010 094 - 00D 960 9010 094	C,ELECT 1UF-M/50V (Pb Free) C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V		D040010087150S D040101083070S D011103597160S D040101083070S D011103597160S		
	C1338 C1339 C1340 C1341 C1342	nsp	- 00D 960 9010 094 - 00D 960 9010 094 -	C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V		D040101083070S D011103597160S D040101083070S D011103597160S D040101083070S		
	C1343 C1344 C1345 C1346 C1347	nsp	00D 960 9010 094 - 00D 960 9010 094 00D 963 0234 001 00D 963 0293 602	C,CERAMIC 0.01UF-Z/50V C,ELECT 100UF-M/16V C,CERAMIC 0.01UF-Z/50V C,CERAMIC 0.047UF-Z/50V C,ELECT 1UF-M/50V (Pb Free)		D011103597160S D040101083070S D011103597160S D011473597160S D040010087150S		
	C1348-1350 C1351 C1352-1354 C1355 C1356	nsp	00D 960 9010 094 00D 963 0324 403 00D 960 9010 094 00D 963 0324 403 00D 963 0234 001	C,CERAMIC 0.01UF-Z/50V C,ELECT 33UF-M/35V C,CERAMIC 0.01UF-Z/50V C,ELECT 33UF-M/35V C,CERAMIC 0.047UF-Z/50V		D011103597160S D040330085050S D011103597160S D040330085050S D011473597160S		* *
	C1358 C1359-1362 C1363 C1364-1366 C1367	nsp	00D 963 0233 604 00D 960 9010 094 00D 963 0324 403 00D 960 9010 094 00D 963 0324 403	C,CERAMIC 220PF-J/50V C,CERAMIC 0.01UF-Z/50V C,ELECT 33UF-M/35V C,CERAMIC 0.01UF-Z/50V C,ELECT 33UF-M/35V		D010221167160S D011103597160S D040330085050S D011103597160S D040330085050S		* *
	C1368 C1369,1370 C1371-1382 C1383,1384	nsp	00D 963 0234 001 - 00D 963 0223 601 00D 960 9010 094	C,CERAMIC 0.047UF-Z/50V C,CERAMIC 0.1UF-K/50V C,CERAMIC 100PF-J/50V C,CERAMIC 0.01UF-Z/50V		D011473597160S D011104577162S D010101167160S D011103597160S		
OTHERS PARTS GROUP								
	CN1303 CN1304	nsp	00D 963 0110 701 00D 963 0097 206	CN.WAFER 14P CN.WAFER 8P		L101100031410S L101100030810S		
	CP3001B JACK1301-1304 TR1301		00D 963 0330 701 00D 204 6670 007 00D 963 0120 801	CN.FPC 18P DIN SOCKET (14P ANG) SEMI 2SCKRC102S		L130211800010S L170001200010S J522010200210S		*
	TR1302 TR1303 TR1304 TR1305		00D 963 0121 606 00D 963 0148 508 00D 963 0121 402 00D 960 0285 006	SEMI 2SCKRC107S SEMI 2SAKTA1504S SEMI 2SAKRA104S SEMI 2SCKRC104S		J522107S00210S J520015040150S J520010400210S J522104S00210S		

HDMI P.W.B. UNIT ASSY

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SEMICONDUCTORS GROUP								
	IC804 IC805		00D 262 3661 002 00D 963 0355 003	ADSP21266SKSTZ-2B-EC DSP ROM SUB ASSY(V35.23)	LH28F160BJE- BTL90	J080212660020S		
	IC806 IC807		00D 262 3536 001 00D 262 3066 102	AS7C34096A-10TCN LC89057W-VF4-E(AC) +REF		J001340960010S J046890570010S		
	IC808 IC815A IC816A IC817 IC817A		00D 262 3645 002 00D 963 0043 807 00D 963 0043 807 00D 262 3536 001 00D 963 0202 305	ADAU1328BSTZ IC BA4510F-E2 IC BA4510F-E2 AS7C34096A-10TCN IC NJM2068M		J080132800000S J121451000010S J121451000010S J001340960010S J121206800020S		
	IC818 IC818A IC819 IC819A IC820		00D 262 2642 909 00D 963 0202 305 00D 262 2642 909 00D 963 0202 305 00D 262 3339 907	SN74LV573APWR +REF IC NJM2068M SN74LV573APWR +REF IC NJM2068M SN74LVC139APWR +REF		J040745730200S J121206800020S J040745730200S J121206800020S J040741390040S		
	IC820A IC822 IC826 IC831 IC3001		00D 963 0202 305 00D 963 0327 303 00D 963 0300 702 00D 963 0300 702 00D 963 0295 309	IC NJM2068M IC KIA7805AF IC LM1117S IC LM1117S IC LM1117S		J121206800020S J126780500450S J126111733030S J126111733030S J126111718020S		*
	IC3002 IC3003 IC3004 IC3005 IC3006		00D 963 0325 800 00D 963 0295 309 00D 262 3654 006 00D 963 0325 800 00D 262 3364 011	IC BR24L02F-W IC LM1117S SII9033CTU IC BR24L02F-W SII9030CTU-7		J000240200150S J126111718020S J040903300010S J000240200150S J040903300020S		* *
	IC3007,3008 IC3009 IC3011 IC3013 IC3014		00D 262 3553 000 00D 963 0327 109 00D 262 3519 905 00D 963 0327 002 00D 262 3519 905	LC4064V-75TN100C IC BA33BC0FP PQ018EZ01ZPH IC BA25BC0FP PQ018EZ01ZPH		J003406400010S J12603R300040S J126018010010S J12602R500010S J126018010010S		* *
	IC3015 IC3016 IC3017 IC3018 IC3019		00D 262 3603 002 00D 963 0327 002 00D 262 3478 004 00D 963 0295 406 00D 262 3068 003	ADV7401BSTZ-110 IC BA25BC0FP ADV7320 IC BH7868FS EPM3128ATC144-10N +REF		J044740100010S J12602R500010S J045732000010S J127786800000S J003312800010S		*
	IC3021 IC3025 IC3026 IC3027 IC3028		00D 262 3425 905 00D 963 0300 702 00D 262 3517 907 00D 262 2813 903 00D 262 2517 908	LTC4300-2CMS8 IC LM1117S F2602-01-TR SN74AHCT08PW-EL2 +C SN74LV08APW-EL2 +REF	2307CIE3,887E3 2307CIE3,887E3 2307CIE3,887E3 2307CIE3,887E3	J040430000000S J126111733030S J080260200010S J040740800190S J040740800200S		
	IC3029 IC3030 IC3031 IC3032 IC3033		00D 262 2813 903 00D 262 2517 908 00D 963 0355 100 00D 963 0202 305 00D 963 0327 303	SN74AHCT08PW-EL2 +C SN74LV08APW-EL2 +REF SUB CPU SUB ASSY(V0.29) IC NJM2068M IC KIA7805AF	M30620FCPGP 2307CIE3,887E3 2307CIE3,887E3	J040740800190S J040740800200S J121206800020S J126780500450S		* *
	IC3034 Q804C Q804FL Q804FR		00D 963 0294 902 00D 963 0044 301 00D 963 0044 301 00D 963 0044 301	IC AK4385 TR KTC2875B TR KTC2875B TR KTC2875B	2307CIE3,887E3	J042438500010S J5222875B0010S J5222875B0010S J5222875B0010S		
	Q804SBL Q804SBR Q804SL Q804SR Q804SW		00D 963 0044 301 00D 963 0044 301 00D 963 0044 301 00D 963 0044 301 00D 963 0044 301	TR KTC2875B TR KTC2875B TR KTC2875B TR KTC2875B TR KTC2875B		J5222875B0010S J5222875B0010S J5222875B0010S J5222875B0010S J5222875B0010S		
	Q808 Q809,810 Q3001-3003 Q3004 Q3005		00D 963 0120 801 00D 963 0120 704 00D 275 0110 905 00D 963 0120 704 00D 960 0285 006	TR KRC102S TR KRA102S HN1K02FU-TE85L TR KRA102S TR KRC104S		J522010200210S J520010200210S J543102000010S J520010200210S J522104S00210S		
	Q3006 Q3007 Q3008,3009 Q3010		00D 963 0120 801 00D 960 0285 006 00D 275 0110 905 00D 963 0120 704	TR KRC102S TR KRC104S HN1K02FU-TE85L TR KRA102S		J522010200210S J522104S00210S J543102000010S J520010200210S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	Q3011		00D 960 0285 006	TR KRC104S		J522104S00210S		
	Q3012		00D 963 0120 801	TR KRC102S		J522010200210S		
	Q3013		00D 963 0120 704	TR KRA102S		J520010200210S		
	Q3014		00D 963 0121 509	TR KTC3875S		J522038750210S		
	Q3016,3017		00D 960 0285 006	TR KRC104S		J522104S00210S		
	Q3018-3020		00D 963 0148 508	TR KTA1504S		J520015040150S		
	Q3021		00D 960 0285 006	TR KRC104S		J522104S00210S		
	Q3022,3023		00D 963 0148 508	TR KTA1504S		J520015040150S		
	Q3024,3025		00D 963 0120 801	TR KRC102S	2307CIE3,887E3	J522010200210S		
	Q3026,3027		00D 963 0120 704	TR KRA102S	2307CIE3,887E3	J520010200210S		
	Q3028		00D 275 0110 905	HN1K02FU-TE85L		J543102000010S		
	Q3032,3033		00D 960 0285 006	TR KRC104S		J522104S00210S		
	D803		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D3001		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D3002		00D 963 0328 603	D,SCHOTTKY RB521S-30		K125521300010S		*
	D3003		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D3004		00D 963 0328 603	D,SCHOTTKY RB521S-30		K125521300010S		*
	D3005		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D3006,3007		00D 963 0328 603	D,SCHOTTKY RB521S-30		K125521300010S		*
	D3008		00D 960 0197 000	D,SWITCHING KDS160(UF)		K005016000010S		
	D3009-3016		00D 276 0833 900	ESD PROTECTOR(6802)		K067680200010S		
	D3018,3019		00D 276 0833 900	ESD PROTECTOR(6802)	2307CIE3,887E3	K067680200010S		
	D3020		00D 963 0245 100	D,SWITCHING KDS226ST1	2307CIE3,887E3	K005022600020S		
RESISTORS GROUP								
	VR3001-3005		00D 211 6148 906	V03PB471MT(RH03ADCS) +REF		C547471072000S		
CAPACITORS GROUP								
	C817		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C821		00D 963 0325 402	C,ELECT 470UF-MVG/6.3V		D050471081200S		*
	C822		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C824		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C825		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C831		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C832		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C833,834		-	C,CERAMIC 0.015UF-K/50V		D011153177100S		
	C835		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C836		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C837	nsp	00D 963 0224 105	C,CERAMIC 1000PF-K/50V		D011102777160S		
	C838-841		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C842		-	C,CERAMIC 8PF-D/50V		D010080117160S		
	C843,844		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C846		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C847		-	C,CERAMIC 8PF-D/50V		D010080117160S		
	C848	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C849-856		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C858		00D 960 9009 856	C,CERAMIC 0.022UF-Z/50V		D011223597160S		
	C859	nsp	00D 963 0246 507	C,CERAMIC 0.068UF-K/50V		D010683777160S		
	C860		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C861,862		00D 963 0275 701	C,CERAMIC 6PF-D/50V		D010060117160S		
	C863		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C864,865		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C865L		-	C,CERAMIC 120PF-J/50V		D011121167100S		
	C865R		-	C,CERAMIC 120PF-J/50V		D011121167100S		
	C866		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C868,869		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C870,871		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C871L		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C871R		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C872		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C873		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C873C		-	C,CERAMIC 680PF-K/50V		D011681777160S		
	C873FL		-	C,CERAMIC 680PF-K/50V		D011681777160S		
	C873FR		-	C,CERAMIC 680PF-K/50V		D011681777160S		

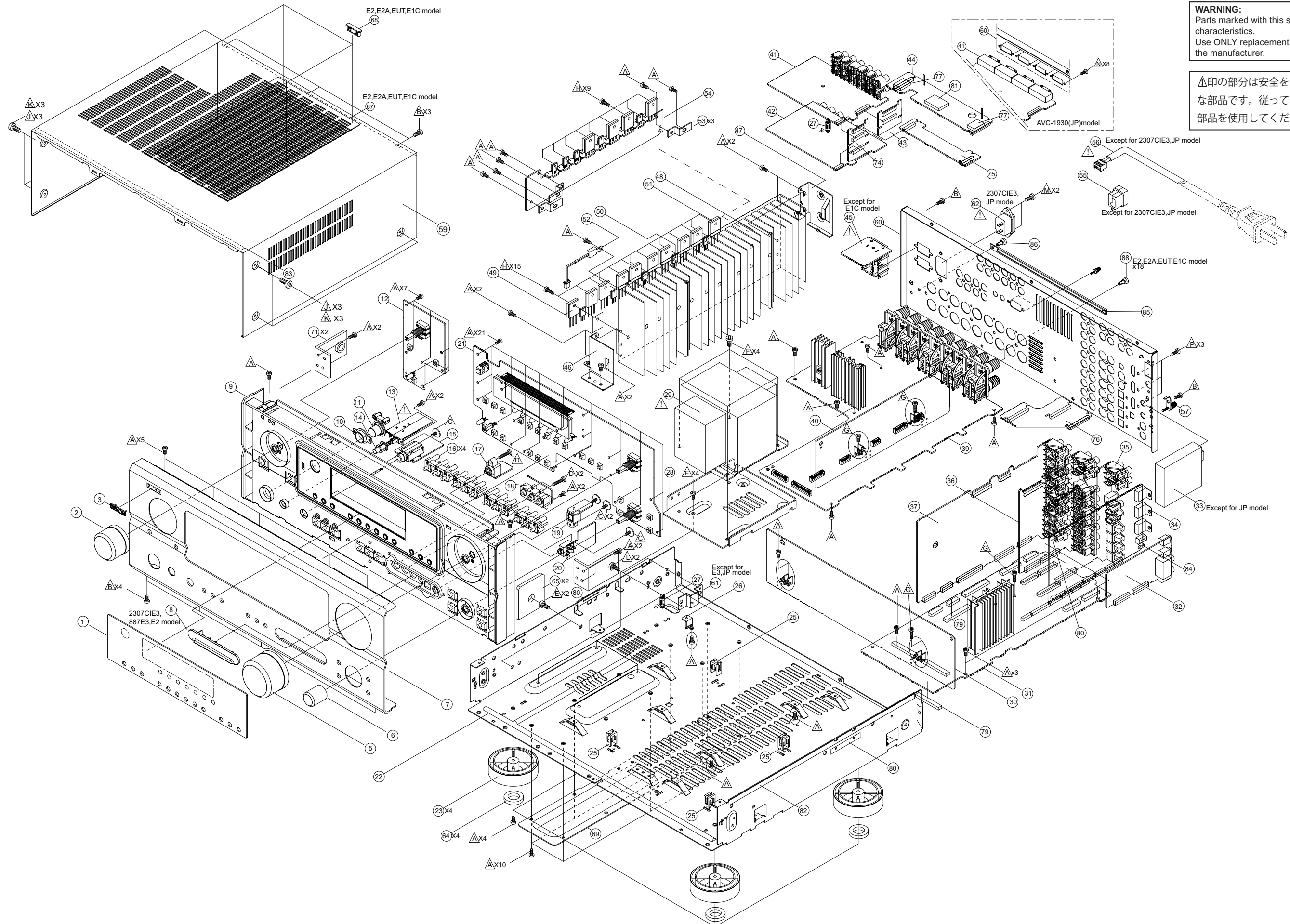
	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C873SBL		-	C,CERAMIC 680PF-K/50V		D011681777160S		
	C873SBR		-	C,CERAMIC 680PF-K/50V		D011681777160S		
	C873SL		-	C,CERAMIC 680PF-K/50V		D011681777160S		
	C873SR		-	C,CERAMIC 680PF-K/50V		D011681777160S		
	C873SW		-	C,CERAMIC 680PF-K/50V		D011681777160S		
	C874		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C874C	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C874FL	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C874FR	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C874SBL	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C874SBR	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C874SL	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C874SR	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C874SW	nsp	00D 963 9006 146	C,CERAMIC 560PF-J/50V		D010561167160S		
	C875		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C875C		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C875FL		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C875FR		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C875SBL		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C875SBR		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C875SL		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C875SR		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C875SW		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C876		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C876C		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C876FL		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C876FR		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C876SBL		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C876SBR		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C876SL		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C876SR		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C876SW		-	C,CERAMIC 2200PF-K/50V		D011222177100S		
	C877-880	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C880C		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C880FL		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C880FR		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C880SBL		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C880SBR		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C880SL		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C880SR		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C880SW		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C881-884	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C885		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C886		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C887		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C888		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C889		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C890,891		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C892		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C894		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C895		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C896		00D 963 0325 509	C,ELECT 0.1UF-MVG/50V		D050R10080010S		*
	C897		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C898	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C899		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C900		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C901		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C902		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C903	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C904		00D 963 0325 305	C,ELECT 47UF-MVG/6.3V		D050470081460S		*
	C905		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C906		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C907		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C908		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C909		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C910		-	C,ELECT 10UF-MVG/16V		D050100083460S		
	C911		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C912		-	C,CERAMIC 5600PF-K/50V		D011562777160S		
	C913		-	C,CERAMIC 390PF-J/50V		D010391167160S		
	C914	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3001,3002		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3003-3008		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3009-3014		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3015-3022		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3023-3028		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3029,3030		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3031		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3033,3034		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3035		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C3037		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3038,3039		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3040,3041		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3042,3043		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3044-3046		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3047,3048		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3049		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3050	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3051		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3052	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3053		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3054,3055	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3056		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C3057		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3058,3059		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3060-3068		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3069-3073		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3074		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3075,3076		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3077,3078	nsp	00D 963 0144 609	C,CERAMIC 12PF-J/50V		D010120167160S		
	C3079,3080		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3081		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3082		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3083		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3084		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3085		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3086		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3087		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3088		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3089-3094		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3095,3096	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3097		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C3098,3099	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3100		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C3101	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3102,3103		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C3104	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3105		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3106		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3107		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3108,3109	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C3110,3111		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3117-3121	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3122		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3123	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3124		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3125-3127	nsp	00D 963 0224 105	C,CERAMIC 1000PF-K/50V		D011102777160S		
	C3128,3129	nsp	00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C3130		-	C,CERAMIC 0.082UF-K/50V		D010823777160S		
	C3132		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3133		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3134,3135		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3136	nsp	00D 963 0144 609	C,CERAMIC 12PF-J/50V		D010120167160S		
	C3146	nsp	00D 963 0144 609	C,CERAMIC 12PF-J/50V		D010120167160S		
	C3147		00D 257 2015 903	CS77B1A100MT		D070100082301S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C3148	nsp	00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3149,3150		00D 963 0224 105	C,CERAMIC 1000PF-K/50V		D011102777160S		
	C3151,3152		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3153		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3154,3155		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3156	nsp	00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3157,3158		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3159		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3160		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3161		00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3162		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3164-3167	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3168		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3169		-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C3170		00D 257 2015 903	CS77B1A100MT		D070100082301S		
	C3171	nsp	-	C,CERAMIC 0.01UF-K/50V		D011103177100S		
	C3172		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3173		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C3174		00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3175		00D 963 0325 208	C,ELECT 22UF-MV/6.3V		D050220081460S		*
	C3176	nsp	00D 963 0325 101	C,ELECT 1000UF-MVG/6.3V		D050102081200S		*
	C3177		00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3178		00D 963 0325 208	C,ELECT 22UF-MV/6.3V		D050220081460S		*
	C3179		00D 963 0224 309	C,CERAMIC 820PF-K/50V		D011821777160S		
	C3180		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C3181		-	C,CERAMIC 3900PF-K/50V		D011392777160S		
	C3182		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3183		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C3184		00D 963 0325 208	C,ELECT 22UF-MV/6.3V		D050220081460S		*
	C3186		-	C,ELECT 10UF-MVG/16V		D050100083470S		
	C3187	nsp	00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3189		00D 963 0325 208	C,ELECT 22UF-MV/6.3V		D050220081460S		*
	C3191		00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3192		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V		D050101081650S		*
	C3193		00D 963 9004 698	C,CERAMIC 0.01UF-K/50V		D011103777160S		
	C3195	nsp	00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3196,3197	nsp	00D 963 0223 601	C,CERAMIC 100PF-J/50V		D010101167160S		
	C3200,3201	nsp	00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3202		00D 963 9004 708	C,CERAMIC 0.1UF-K/50V		D011104577160S		
	C3203,3204		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3205,3206	nsp	00D 963 9005 723	C,CERAMIC 120PF-J/50V		D010121167160S		
	C3212		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3216,3217		00D 257 2015 903	CS77B1A100MT	2307CIE3,887E3	D070100082301S		
	C3218,3219		-	C,CERAMIC 1000PF-K/50V	2307CIE3,887E3	D011102177100S		
	C3220,3221		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V	2307CIE3,887E3	D011104177100S		*
	C3222,3223		-	C,CERAMIC 1000PF-K/50V	2307CIE3,887E3	D011102177100S		
	C3224,3225		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V	2307CIE3,887E3	D011104177100S		*
	C3226		-	C,CERAMIC 1000PF-K/50V	2307CIE3,887E3	D011102177100S		
	C3227		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V	2307CIE3,887E3	D011104177100S		*
	C3228		00D 963 0325 004	C,ELECT 100UF-MVG/6.3V	2307CIE3,887E3	D050101081650S		*
	C3229,3230		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3231,3232		-	C,CERAMIC 100PF-J/50V		D011101167100S		
	C3233		-	C,ELECT 10UF-MVG/16V	2307CIE3,887E3	D050100083460S		
	C3234		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3235,3236		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3237-3240	nsp	00D 963 9006 528	C,CERAMIC 20PF-J/50V	2307CIE3,887E3	D010200167160S		
	C3241		00D 963 0325 208	C,ELECT 22UF-MV/6.3V	2307CIE3,887E3	D050220081460S		*
	C3242,3243		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3245,3246		-	C,CERAMIC 1000PF-K/50V		D011102177100S		
	C3247		00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3248,3249		00D 960 9010 104	C,CERAMIC 5PF-C/50V	2307CIE3,887E3	D010050107160S		
	C3250,3251	nsp	00D 963 0323 909	C,CERAMIC 0.1UF-K/50V		D011104177100S		*
	C3252		00D 963 0224 008	C,CERAMIC 470PF-J/50V	2307CIE3,887E3	D010471167160S		
	C3253,3254		-	C,CERAMIC 10PF-D/50V		D010100117160S		
	C3256		00D 963 0276 108	C,CERAMIC 3300PF-K/50V	2307CIE3,887E3	D011332777160S		
	C3257,3258		00D 963 0224 008	C,CERAMIC 470PF-J/50V	2307CIE3,887E3	D010471167160S		
	C3260		00D 963 0276 108	C,CERAMIC 3300PF-K/50V	2307CIE3,887E3	D011332777160S		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	C3261 C3262,3263 C3264	nsp	00D 963 0224 008 00D 963 9004 708 00D 963 0323 909	C,CERAMIC 470PF-J/50V C,CERAMIC 0.1UF-K/50V C,CERAMIC 0.1UF-K/50V	2307CIE3,887E3 2307CIE3,887E3	D010471167160S D011104577160S D011104177100S		*
	C3265 C3266 C3267 C3268 C3271-3278		- 00D 963 0323 909 - - -	C,CERAMIC 100PF-J/50V C,CERAMIC 0.1UF-K/50V C,CERAMIC 0.01UF-K/50V C,CERAMIC 1000PF-K/50V C,CERAMIC 1000PF-K/50V		D011101167100S D011104177100S D011103177100S D011102177100S D011102177100S		*
	C3279-3286 C3292 C3293 C3298 C3299		- 00D 963 0324 801 - 00D 963 0323 909 -	C,CERAMIC 100PF-J/50V C,ELECT 10UF-MVG/25V C,CERAMIC 1000PF-K/50V C,CERAMIC 0.1UF-K/50V C,ELECT 10UF-MVG/16V	2307CIE3,887E3 2307CIE3,887E3	D011101167100S D050100084200S D011102177100S D011104177100S D050100083460S		*
	C3300,3301 C3302	nsp	00D 963 0324 801 00D 963 9004 708	C,ELECT 10UF-MVG/25V C,CERAMIC 0.1UF-K/50V	2307CIE3,887E3	D050100084200S D011104577160S		*
OTHERS PARTS GROUP								
	CB806,807 CB3001-3008	nsp nsp	00D 963 0234 603 00D 963 0234 603	COIL,BEAD MB-160808 COIL,BEAD MB-160808		D340160800060S D340160800060S		
	CN802 CN806		00D 205 1326 090 00D 205 1326 003	19P SOCKT(9120) 10P SOCKET(9120)		L120912190010S L120912100010S		
	CN807 CN809 CN3001 CN3002 CN3003		00D 963 0329 408 00D 963 0329 505 00D 205 1326 003 00D 205 1325 088 00D 205 1326 003	CN,WIRE 180MM/4P CN,WIRE 250MM/3P 10P SOCKET(9120) 8P SOCKET(9120) 10P SOCKET(9120)		L000181040090S L000251030090S L120912100010S L120912080010S L120912100010S		*
	CN3004 CN3005		00D 205 1325 088 00D 963 0329 806	8P SOCKET(9120) CN,WIRE 510MM/11P		L120912080010S L000511110010S		*
	CP3001A CP3002A		00D 205 1378 909 00D 205 1257 949	18P FFC BASE(9610SD) 11P FFC BASE (9610SD)		L130961181010S L130961111010S		
	JACK3001-3003 JACK3004 L3007		00D 963 0330 507 00D 205 1362 009 00D 235 0125 905	CN.WAFER 19P XM/DT BUS CONNECTOR INDUCTOR(FLC32C220K)+3216	2307CIE3,887E3	L109425010190S L109040000010S D307252000220S		*
	RL3001,3002 TP3002		00D 214 0238 905 00D 205 1343 950	RELAY(UB2-12NUN-L1) 7P FFC BASE(9610SC)		G680120120010S L130961070010S		
	X3001 X3002 X3003 X3005		00D 399 1039 909 00D 399 1052 902 00D 399 1055 909 00D 399 1038 900	FCX-03(28.322MHZ) FCX-03(28.6363MHZ) FCX-02(45.1584MHZ) FCX-03(12MHZ)	2307CIE3,887E3	E80528R320010S E80528R630010S E80545R150010S E805120000010S		
	XTAL1 XTAL2		00D 399 1053 901 00D 399 1047 904	FCX-03(24.576MHZ) FCX-03(25MHZ)		E80524R570010S E805250000010S		

EXPLODED VIEW



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.

2307CIE3 : U.S.A. & Canada model (AVR-2307CI)(Black)

887E3 : U.S.A. & Canada model (AVR-887)(Black)

BKE2 : Europe model (Black)

SRE2 : Europe model (Silver)

E2A : Asia model(Premium Silver)

EUT : Taiwan R.O.C. model(Premium Silver)

E1C : China model(Premium Silver)

JP : Japan model (AVC-1930)(Premium Silver)

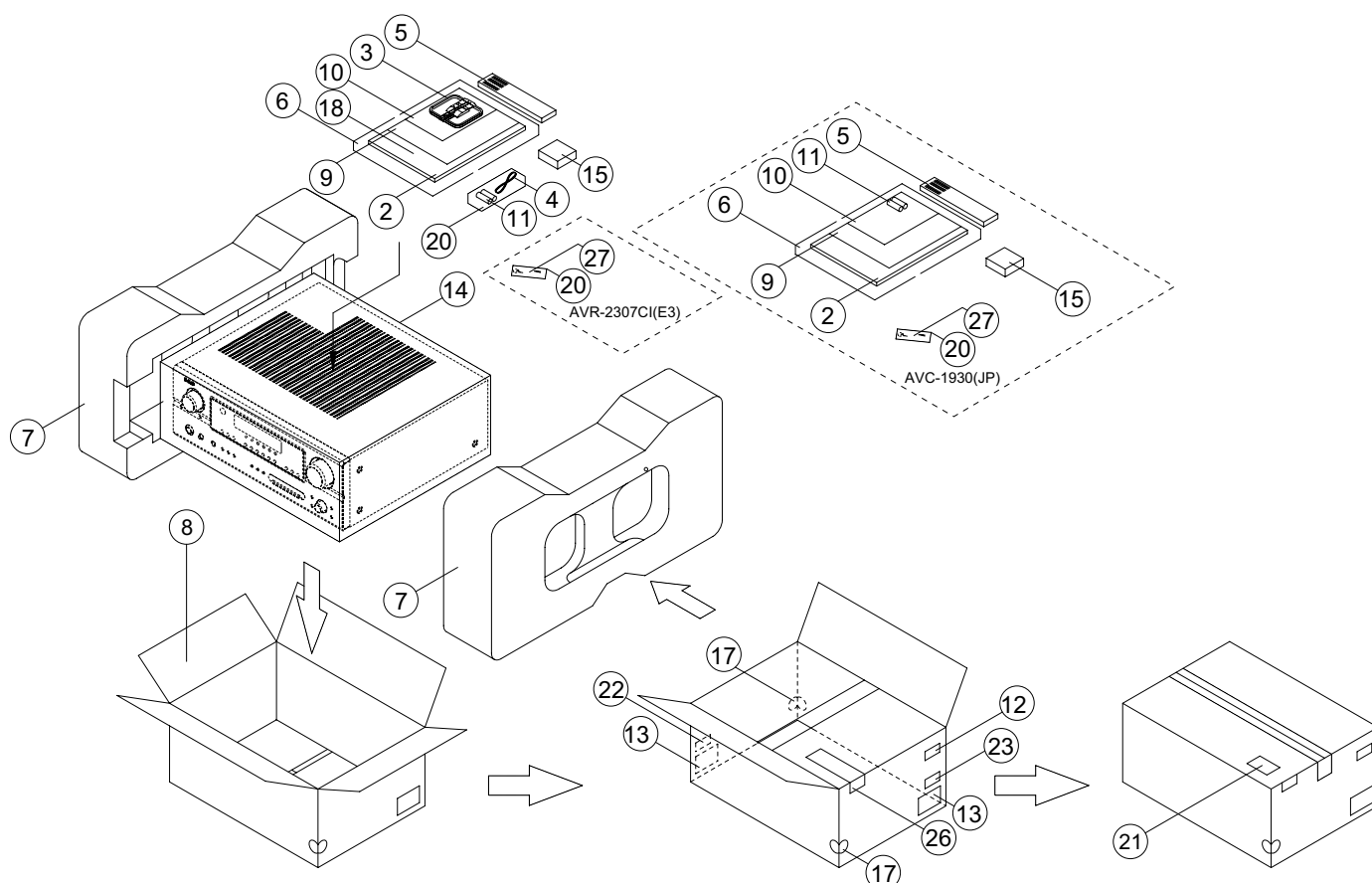
	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	39A		00D 963 0319 900	MAIN P.W.B. ASSY	2307CIE3,887E3	7025HK0513010	1	*
	39A		00D 963 0321 105	MAIN P.W.B. ASSY	E2,E2A	7025HK0513030	1	*
	39A		00D 963 0321 804	MAIN P.W.B. ASSY	EUT	7025HK0513060	1	*
	39A		00D 963 0322 308	MAIN P.W.B. ASSY	E1C	7025HK0513070	1	*
	39A		00D 963 0322 609	MAIN P.W.B. ASSY	JP	7025HK0513080	1	*
	13			POWER S/W P.W.B.				
	15			HEADPHONE P.W.B.				
	39			MAIN P.W.B.				
	45			AC OUTLET P.W.B.				
	31A		00D 963 0320 009	CPU P.W.B. ASSY	2307CIE3	7025HK0513011	1	*
	31A		00D 963 0320 805	CPU P.W.B. ASSY	887E3	7025HK0513021	1	*
	31A		00D 963 0321 202	CPU P.W.B. ASSY	E2,E2A	7025HK0513031	1	*
	31A		00D 963 0321 901	CPU P.W.B. ASSY	EUT	7025HK0513061	1	*
	31A		00D 963 0322 405	CPU P.W.B. ASSY	E1C	7025HK0513071	1	*
	31A		00D 963 0322 706	CPU P.W.B. ASSY	JP	7025HK0513081	1	*
	17			FRONT S-VIDEO P.W.B.		7028064875010		
	18			FRONT V-AUX P.W.B.		7028064873010		
	19			FR OPTICAL P.W.B.		7028064874010		
	21			FRONT P.W.B.		7028064872010		
	31			CPU P.W.B.		7028064871010		
	30A		00D 963 0320 106	CNT P.W.B. ASSY	2307CIE3	7025HK0513012	1	*
	30A		00D 963 0320 902	CNT P.W.B. ASSY	887E3	7025HK0513022	1	*
	30A		00D 963 0321 309	CNT P.W.B. ASSY	E2,E2A	7025HK0513032	1	*
	30A		00D 963 0322 007	CNT P.W.B. ASSY	EUT	7025HK0513062	1	*
	30A		00D 963 0322 502	CNT P.W.B. ASSY	E1C	7025HK0513072	1	*
	30A		00D 963 0322 803	CNT P.W.B. ASSY	JP	7025HK0513082	1	*
	30			CNT P.W.B.		7028064881010		
	40			PREAMP P.W.B.		7028064882010		
	44			UP-CNT1 P.W.B.		7028064883010		
	75			UP-CNT2 P.W.B.		7028064884010		
	76			UP-CNT3 P.W.B.		7028064885010		
	12A		00D 963 0320 203	OPTICAL P.W.B. ASSY	2307CIE3	7025HK0513013	1	*
	12A		00D 963 0320 902	OPTICAL P.W.B. ASSY	887E3	7025HK0513022	1	*
	12A		00D 963 0321 406	OPTICAL P.W.B. ASSY	E2,E2A	7025HK0513033	1	*
	12A		00D 963 0322 104	OPTICAL P.W.B. ASSY	EUT	7025HK0513063	1	*
	12A		00D 963 0322 900	OPTICAL P.W.B. ASSY	E1C,JP	7025HK0513083	1	*
	12			ENCODER P.W.B.		7028064894010		
	32			PHONO P.W.B.		7028064892010		
	35			OPTICAL P.W.B.		7028064891010		
	42			PREOUT P.W.B.		7028064893010		
	37A		00D 963 0320 407	INPUT P.W.B. ASSY	2307CIE3	7025HK0513015	1	*
	37A		00D 963 0321 008	INPUT P.W.B. ASSY	887E3	7025HK0513025	1	*
	37A		00D 963 0321 600	INPUT P.W.B. ASSY	E2,E2A,EUT	7025HK0513035	1	*
	37A		00D 963 0322 201	INPUT P.W.B. ASSY	E1C	7025HK0513065	1	*
	37A		00D 963 0323 103	INPUT P.W.B. ASSY	JP	7025HK0513085	1	*
	37			INPUT P.W.B.		7028064911010		
	20			MIC P.W.B.		7028064912010		
	43			VERTICAL CNT1 P.W.B.		7028064913010		
	74			VERTICAL CNT2 P.W.B.		7028064914010		

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	36A 36A 36		00D 963 0320 504 00D 963 0323 200	S-C VIDEO P.W.B. ASSY S-C VIDEO P.W.B. ASSY S-C VIDEO P.W.B.	Except for JP JP	7025HK0513016 7025HK0513086 7028064921010	1 1	* *
	41A 41		00D 963 0320 601	COMPONENT P.W.B. ASSY	Except for JP	7025HK0513017	1	*
	41A 41		00D 963 0323 307	D VIDEO P.W.B. ASSY D VIDEO P.W.B.	JP	7025HK0513089 7028064951010	1	*
	54A 54A 54A 54		00D 963 0320 300 00D 963 0321 503 00D 963 0323 006	2CH AMP P.W.B. ASSY 2CH AMP P.W.B. ASSY 2CH AMP P.W.B. ASSY 2CH AMP P.W.B.	2307CIE3,887E3 E2,E2A,EUT,E1C JP	7025HK0513014 7025HK0513034 7025HK0513084 7028064901010	1 1 1	* * *
	34A 34A 34		00D 963 0320 708 00D 963 0321 707	HDMI P.W.B. ASSY HDMI P.W.B. ASSY HDMI P.W.B.	2307CIE3,887E3 E2,E2A,EUT,E1C,JP	7025HK0513018 7025HK0513038 7028064941010	1 1	* *
	1 1 1 1 2		00D 963 0319 609 00D 963 0319 706 00D 963 0319 706 00D 963 0319 803 00D 963 0152 303	WINDOW DISPLAY WINDOW DISPLAY WINDOW DISPLAY WINDOW DISPLAY KNOB INPUT	2307CIE3,887E3 BKE2,SRE2,E2A EUT,E1C JP 2307CIE3,887E3,BKE2	50772119220J0S 50772119220M0S 50772119220N0S 5077211922140S 5087210938000SZ	1 1 1 1 1	* * * * *
	2 2 3 3 3		00D 963 0152 400 00D 963 0263 904 00D 963 0051 501 00D 963 0051 527 00D 963 0051 514	KNOB INPUT KNOB INPUT BADGE BADGE BADGE	SRE2, E2A,EUT,E1C,JP 2307CIE3,887E3,BKE2 SRE2, E2A,EUT,E1C,JP	5087210938010SZ 5087210938030SZ 5630210028000S 5630210028200S 5630210028100S	1 1 1 1 1	
	5 5 5 6 6		00D 963 0152 604 00D 963 0152 701 00D 963 0264 000 00D 963 0297 705 00D 963 0297 802	KNOB VOLUME KNOB VOLUME KNOB VOLUME KNOB SELECT KNOB SELECT	2307CIE3,887E3,BKE2 SRE2, E2A,EUT,E1C,JP 2307CIE3,887E3,BKE2 SRE2,	5087210948000SZ 5087210948010SZ 5087210948030SZ 5087211298000SZ 5087211298010SZ	1 1 1 1 1	
	6 7 7 7 7		00D 963 0297 909 00D 963 0307 909 00D 963 0308 005 00D 963 0308 209 00D 963 0308 102	KNOB SELECT PANEL FRONT PANEL FRONT PANEL FRONT PANEL FRONT	E2A,EUT,E1C,JP 2307CIE3 887E3 BKE2 SRE2	5087211298020SZ 3067211768200S 3067212148100S 3067211768220S 3067211768210S	1 1 1 1 1	* * * * *
	7 7 7 8 8		00D 963 0308 306 00D 963 0318 309 00D 963 0308 403 00D 963 0151 809 00D 963 0151 906	PANEL FRONT PANEL FRONT PANEL FRONT COVER RCA COVER RCA	E2A,EUT E1C JP 2307CIE3,887E3,BKE2 SRE2,	3067211768230S 3067211768250S 3067211768240S 4317211681000S 4317211681100S	1 1 1 1 1	* * * * *
	8 9 9 9 9		00D 963 0319 502 00D 963 0319 007 00D 963 0319 405 00D 963 0319 104 00D 963 0319 201	COVER RCA FRAME FRONT FRAME FRONT FRAME FRONT FRAME FRONT	E2A 2307CIE3,BKE2 887E3 SRE2 E2A,EUT,E1C	4317211681300S 3217211241000S 3217211261000S 3217211241200S 3217211241210S	1 1 1 1 1	* * * * *
	9 10 11 11 11		00D 963 0319 308 00D 963 0137 807 00D 963 0184 106 00D 963 0190 501 00D 963 0221 904	FRAME FRONT LENS STANDBY BUTTON STANDBY BUTTON STANDBY BUTTON STANDBY	JP 2307CIE3,887E3,BKE2 SRE2, E2A,EUT,E1C,JP	3217211241300S 3710210503000S 5097212368000SZ 5097212368010SZ 5097212368030SZ	1 1 1 1 1	* * * * *
	14 14 14 16 22		00D 963 0184 009 00D 963 0194 002 00D 963 0230 005 00D 963 0094 801 00D 963 0292 506	BUTTON POWER BUTTON POWER BUTTON POWER BUTTON 3KEY(A) CHASSIS MAIN	2307CIE3,887E3,BKE2 SRE2, E2A,EUT,E1C,JP	5097212358000SZ 5097212358100SZ 5097212358300SZ 5090211741000S 3200210146305S	1 1 1 4 1	
	23 25 26	nsp nsp nsp	00D 963 0137 904 00D 960 0003 301 00D 960 0184 107	FOOT ASSY SUPPORTER P.W.B. BRACKET SUPPORTER		4007210261000S 4070001601010S 4010210206000S	4 1 1	

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	27		-	SUPPORTER P.C.		4070210192000S	1	
	28	nsp	00D 963 0229 401	BRACKET TRANS		4010210466003S	1	
⚠	29		00D 963 0323 705	POWER TRANS	2307CIE3,887E3,EUT	8200960750090S	1	*
⚠	29		00D 963 0323 404	POWER TRANS	BKE2,SRE2,E2A	8200960750060S	1	*
⚠	29		00D 963 0323 501	POWER TRANS	E1C	8200960750070S	1	*
⚠	29		00D 963 0323 608	POWER TRANS	JP	8200960750080S	1	*
	33		00D 963 0145 608	TUNER PACK	2307CIE3,887E3	E903014000020S	1	
	33		00D 963 0191 500	TUNER PACK	BKE2,SRE2,E2A,EUT,E1C	E903014000030S	1	
	46	nsp	00D 960 0184 204	BRACKET HEAT SINK B		4010210386000S	1	
	47	nsp	00D 960 0184 301	BRACKET HEAT SINK F		4010210396000S	1	
	48		-	HEAT SINK MAIN		2120210948000S	1	
	49		00D 963 0235 204	TR 2SB1647Y	Q102C Q102FL Q102FR Q102SL Q102SR	J5011647Y0170S	7	
	50		00D 963 0280 107	TR 2SC3964	Q103C Q103FL Q103FR Q103SL Q103SR	J502396400000S	7	
	51		00D 963 0235 301	TR 2SD2560Y	Q101C Q101FL Q101FR Q101SL Q101SR	J5032560Y0170S	7	
	52		00D 960 0187 900	POSISTOR		F320161001020S	1	
	53	nsp	00D 963 0101 600	BRACKET P.W.B.		4010210186000S	3	
	55		00D 960 0192 403	STOPPER CORD AC	887E3,BKE2,SRE2,E2A,EUT,E1C	4380210002000S	1	
⚠	56		00D 963 0292 205	AC CORD ASSY	887E3	L068125100020S	1	
⚠	56		00D 963 0292 409	AC CORD ASSY	BKE2,SRE2,E2A	L068250250040S	1	
⚠	56		00D 963 0292 302	AC CORD ASSY	EUT	L068125110000S	1	
⚠	56		00D 963 0302 506	AC CORD ASSY	E1C	L068250250050S	1	
	57		00D 960 0183 807	TERMINAL		3790000090000S	1	
	59		00D 963 0318 105	CABINET TOP	2307CIE3,887E3,BKE2	3000210026003S	1	*
	59		00D 963 0318 202	CABINET TOP	SRE2,E2A,EUT,E1C,JP	3000210026603S	1	*
	60		00D 963 0318 406	CHASSIS BACK	2307CIE3	3207211926000S	1	*
	60		00D 963 0318 503	CHASSIS BACK	887E3	3207211926100S	1	*
	60		00D 963 0318 707	CHASSIS BACK	BKE2,SRE2,E2A	3207211926300S	1	*
	60		00D 963 0318 901	CHASSIS BACK	EUT	3207211926500S	1	*
	60		00D 963 0318 804	CHASSIS BACK	E1C	3207211926400S	1	*
	60		00D 963 0318 600	CHASSIS BACK	JP	3207211926200S	1	*
⚠	61	nsp	00D 963 0138 000	BRACKET SIDE	BKE2,SRE2,E2A,EUT,E1C	4010211986000S	1	
	62		00D 963 0158 404	AC INLET	2307CIE3,JP	G430040560020S	1	
	64	nsp	00D 963 0214 607	CUSHION FOOT		4050211295000S	4	
	65	nsp	00D 963 0191 403	CUSHION SIDE		4050211095000S	2	
	67		00D 963 0192 703	COVER SAFETY	BKE2,SRE2,E2A,EUT,E1C	4310212122000S	1	
	68		00D 963 0192 800	COVER HOLDER	BKE2,SRE2,E2A,EUT,E1C	4310212131000S	6	
	69		-	BRACKET BOTTOM		4010212156000S	1	
	77		00D 963 0094 005	CUSHION INPUT		4050210715000S	1	
	79	nsp	00D 963 0192 907	CUSHION P.W.B.		4050211105000S	1	
	81		-	CUSHION UP-CNT1		4050211665000S	1	
	84		-	CUSHION XM	2307CIE3,887E3	4050211655000S	1	
	85		-	COVER SCREW		4310213181000S	1	
	86		-	RIVET		1560040036010S	1	
	87		-	HEAT SINK BRIDGE		2120211018000S	2	
	88		-	BUSHING TERMINAL	BKE2,SRE2,E2A,EUT,E1C	2410040353010S	18	
	* 89		-	LABEL DOLBY/DTS	2307CIE3,887E3	5507030000520S	1	*
	* 89		-	LABEL DOLBY/DTS	BKE2,SRE2,E2A,EUT,E1C,JP	5507030000311S	1	
	* 90		-	LABEL ORIGIN	EUT	5507003020021S	1	
	*	nsp	00D 513 3333 005	LABEL (TRANS)		5507051740120S	1	
	*	nsp	00D 963 0193 207	LABEL RATING FUSE CAUTION		5527042410030S	1	
	*	nsp	00D 963 0329 301	CN,WIRE 140MM/2P		L000141020070S	1	*
	*	nsp	00D 963 0193 003	CABLE,FLAT CARD 1.25*15*150		N712151544811S	1	
	*	nsp	00D 963 0161 501	CABLE,FLAT CARD 1.25*23*200		N712232034810S	1	
	*		00D 963 0330 808	CABLE,FLAT CARD SHIELD 1.0*11*190		N713111934810S	1	*
	*		00D 963 0330 808	CABLE,FLAT CARD SHIELD 1.0*18*330		N713183334810S	1	*

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
SCREWS								
	A	nsp	00D 963 0018 007	SCREW(+2S 3X8 ZNY/BH)		B020030081B10S	90	
	B	nsp	00D 960 0108 701	SCREW(+2S 3X10 BK/BH DOT)	2307CIE3	B020030103B11S	43	
	B	nsp	00D 960 0108 701	SCREW(+2S 3X10 BK/BH DOT)	887E3,BKE2,SRE2,E2A,EUT	B020030103B11S	42	
	B	nsp	00D 960 0108 701	SCREW(+2S 3X10 BK/BH DOT)	E1C	B020030103B11S	40	
	B	nsp	00D 960 0108 701	SCREW(+2S 3X10 BK/BH DOT)	JP	B020030103B11S	37	
	C	nsp	00D 963 0136 701	SCREW(+2S 3X8 WASHER PI12)		1500001456020S	4	
	D	nsp	00D 963 9004 054	SCREW(+2S 3X15 ZNY/BH)		B020030151B10S	3	
	E	nsp	00D 963 0232 702	SCREW(+3S 4X6 ZNY/BH)		B020740061B10S	6	
	F		-	SCREW(+3S 4X8 P+S WASHER ZNY/BH)		B028940081B10S	4	
	G	nsp	00D 963 0018 104	SCREW(+2S 3X17 ZNY/BH)		B020030171B10S	4	
	H	nsp	00D 963 9006 175	SCREW(+2S 3X14 P+S WASHER ZNY/HH)		B018230141H11S	24	
	J	nsp	00D 963 0048 307	SCREW(+2S 4X8 BK/BH DOT)	2307CIE3,887E3,BKE2	1500040083B10S	6	
	K	nsp	00D 963 9004 012	SCREW(+2S 4X8 NI/BH DOT)	SRE2,E2A,EUT,E1C,JP	1500040084B10S	6	
	L	nsp	00D 963 0232 605	SCREW (+2S 3*5 ZNY/BH)	BKE2,SRE2,E2A,EUT,E1C	B020030051B10S	2	
	M	nsp	00D 963 9006 735	SCREW (+2S 3*10 BK/FH)	2307CIE3,JP	B020030103F10S	2	
	N	nsp	00D 963 9004 067	SCREW (+2S 3*10 BK/PH)	JP	B010230103P10S	8	
	P		-	SCREW (+3S 3*8 BK/BH)		B020930083B10S	3	

PACKING VIEW



PARTS LIST OF PACKING & ACCESSORIES

* 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.

2307CIE3 : U.S.A. & Canada model (AVR-2307CI)(Black)

BKE2 : Europe model (Black)

E2A : Asia model(Premium Silver)

E1C : China model(Premium Silver)

887E3 : U.S.A. & Canada model (AVR-887)(Black)

SRE2 : Europe model (Silver)

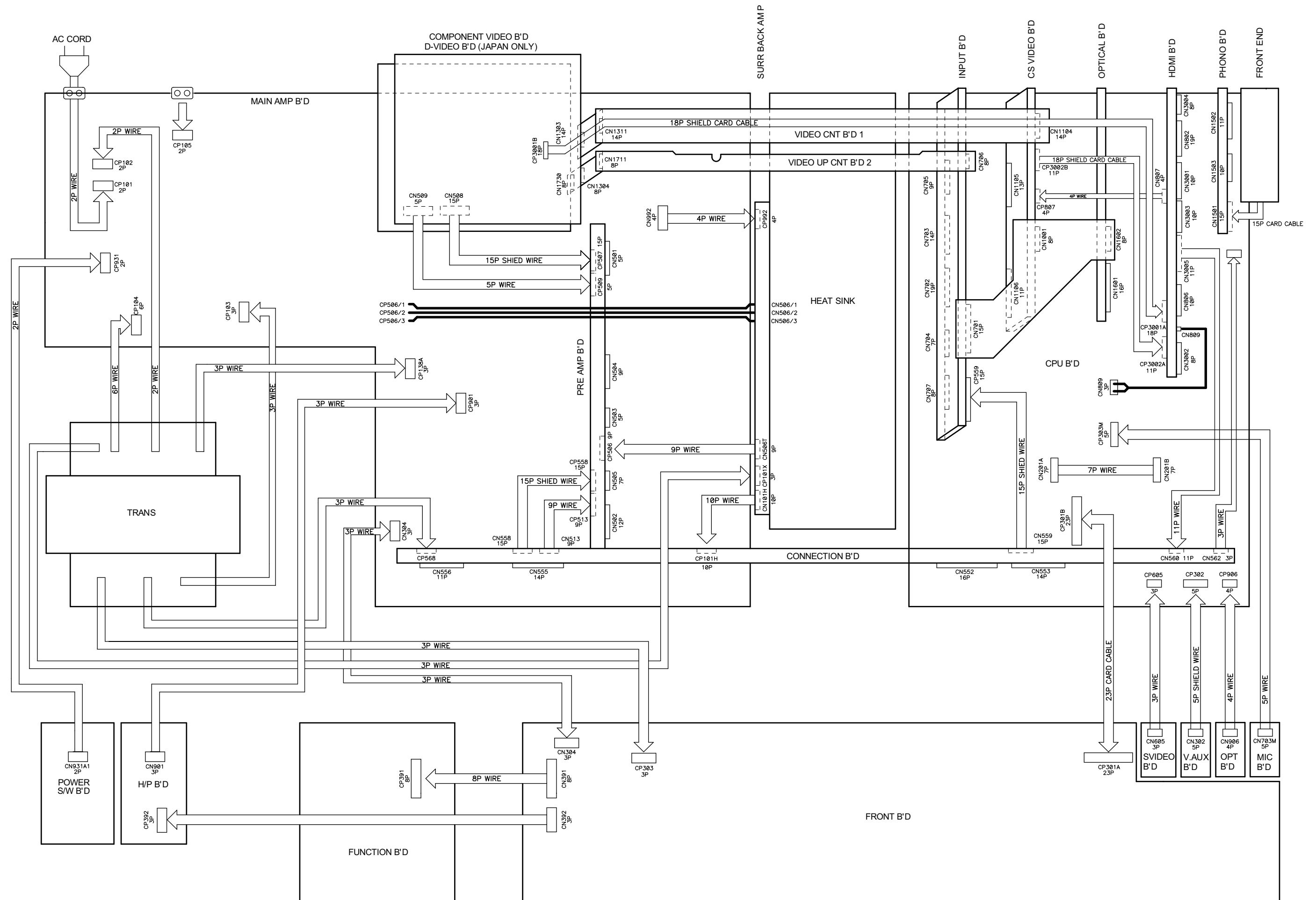
EUT : Taiwan R.O.C. model(Premium Silver)

JP : Japan model (AVC-1930)(Premium Silver)

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	2		00D 963 0309 004	INSTRUCTION MANUAL	2307CIE3	5707210130150S	1	*
	2		00D 963 0309 101	INSTRUCTION MANUAL	887E3	5707210130160S	1	*
	2		00D 963 0309 208	INSTRUCTION MANUAL	BKE2,SRE2	5707210130170S	1	*
	2		00D 963 0309 305	INSTRUCTION MANUAL	E2A	5707210130180S	1	*
	2		00D 963 0309 402	INSTRUCTION MANUAL	EUT,E1C	5707210130190S	1	*
	2		00D 963 0309 509	INSTRUCTION MANUAL	JP	5707210130200S	1	*
	3		00D 231 0089 007	AM ANTENNA WIRE	Except for JP	E605010110010S	1	
	4		00D 963 0158 006	FM ANTENNA WIRE	Except for JP	E605010070001S	1	
	5		00D 963 0308 704	RC-1043	2307BKE3,887E3	8300010430010S	1	*
	5		00D 963 0308 801	RC-1044	BKE2,SRE2,E2A,EUT	8300010440010S	1	*
	5		00D 963 0308 908	RC-1045	E1C,JP	8300010450010S	1	*
	6	nsp	00D 963 0045 106	POLY BAG		6330000240000S	1	
	7	nsp	00D 963 0112 709	CUSHION SNOW L/R		6230210124001S	1	
	8		00D 963 0309 606	BOX,GIFT	2307CIE3	6007210510260S	1	*
	8		00D 963 0309 703	BOX,GIFT	887E3	6007210510270S	1	*
	8		00D 963 0309 800	BOX GIFT	BKE2,SRE2,E2A,E1C	6007210510280S	1	*
	8		00D 963 0309 907	BOX GIFT	EUT	6007210510290S	1	*
	8		00D 963 0310 006	BOX GIFT	JP	6007210510300S	1	*
	9		-	CARD WARRANTY	2307BKE3,887E3	5777001610036S	1	
	9		-	CARD WARRANTY	E1C	5777001670010S	1	
	9		-	CARD WARRANTY	JP	5727001130021S	1	*
	10		-	CARD S.S. LIST	Except for JP	5777001620019S	1	
	10		-	CARD SVC STATION LIST	JP	5777200040018S	1	

	Ref. No.	nsp	Part No.	Part Name	Remarks		Q'ty	New
	11		-	BATTERY, DRY		G670001R50190S	2	
	12		-	LABEL UPC	2307BKE3	5507002360140S	1	
	12		-	LABEL UPC	887E3	5507002360150S	1	
	12		-	LABEL UPC	BKE2	5507002360170S	1	
	12		-	LABEL UPC	SRE2	5507002360160S	1	
	12		-	LABEL UPC	E2A	5507002360180S	1	
	12		-	LABEL UPC	JP	5507002360190S	1	
	13		-	LABEL CONTROL	Except for JP	5500014920010S	2	
	14	nsp	00D 963 0241 405	POLY BAG SET		6327040059000S	1	
	15		00D 321 0038 005	MIC CONDENSER DM-S205		M040000310010S	1	
	17		00D 963 0110 303	LABEL COLOR	SRE2	5507020170340S	2	
	17		00D 963 0230 209	LABEL COLOR	E2A,EUT,E1C	5507020170680S	2	
	18		00D 513 4107 007	CARD WARRANTY XM	2307BKE3,887E3	5727001230051S	1	
	20	nsp	00D 963 0268 006	POLY BAG ACCESSORY		6330210222000S	1	
	21		-	LABEL BOX KOLIN(CARTON)	EUT	5507030000530S	1	
	21		-	LABEL BOX KOLIN(CARTON)	E1C	5507003030310S	1	
	22		-	LABEL BOX ORIGIN(made in china)-1	EUT	5507003010031S	1	
	23		-	LABEL BOX ORIGIN(made in china)-2	EUT	5507003010040S	1	
	26		-	CARD GUARANTEE	JP	5777001470074S	1	
	27		00D 963 0330 002	CORD ASSY	2307BKE3	L068125130010S	1	
	27		00D 963 0301 109	CORD ASSY	JP	L068125120030S	1	

WIRING DIAGRAM



NOTE FOR SCHEMATIC DIAGRAM

WARNING:

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

CAUTION:

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

WARNING:

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

NOTICE:

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

M=1,000,000 OHM

ALL CAPACITANCE VALUES IN MICRO FARAD.

P=MICRO-MICRO FARAD

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

CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

配線図について

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

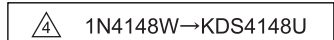
注)

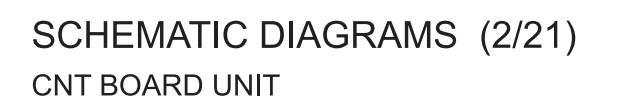
- (1) 指定なき抵抗値は Ω 、k は $k\Omega$ 、M は $M\Omega$ を示す。
- (2) 指定なきコンデンサーの値は μF 、p は pF を示す。
- (3) 各部の電圧は無信号の値を示す。
- (4) この配線図は基本配線図です。改良等のため変更することがありますのでご了承ください。

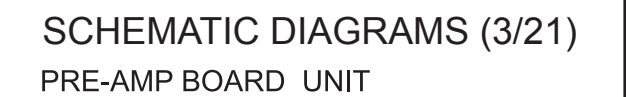
- The schematic diagram consist of 11 A-2 size schematic diagram and 10 A-3 size schematic diagrams. (See table below)
- **A-3 size schematic diagram will not be printed and distributed, so please print them yourselves.**

- 配線図は A2 サイズ配線図 11 枚と A3 サイズ配線図 10 枚で構成されています。(下表参照)
- A3 サイズ配線図は印刷配布をおこないませんので、印刷してご利用ください。

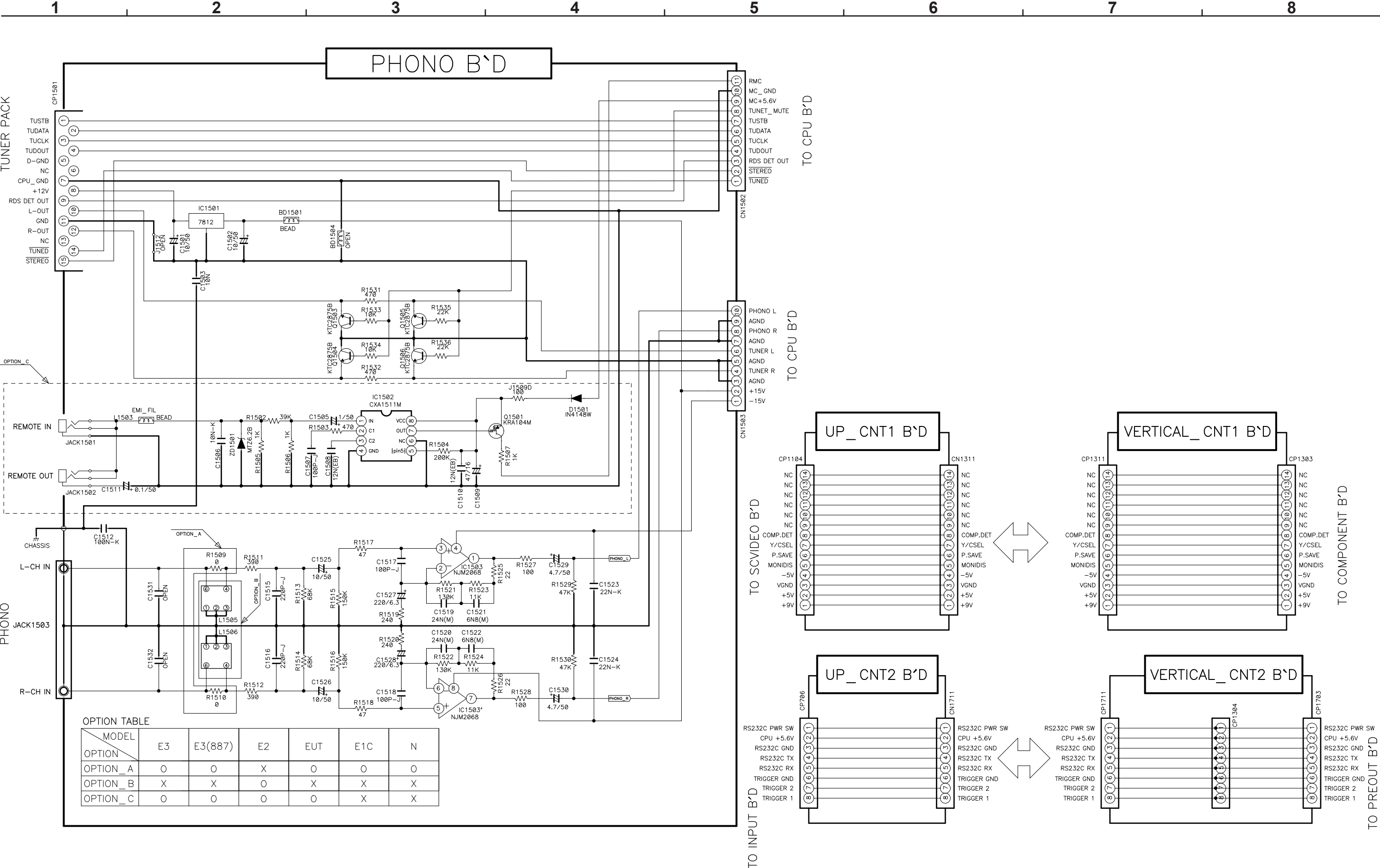
Page	Unit	Size	Distribution / 配布
1/21	MAIN	A2	O
2/21	CNT	A2	O
3/21	PRE-AMP	A3	-
4/21	SB-AMP&XM POWER	A3	-
5/21	PHONO etc.	A3	-
6/21	PREOUT	A3	-
7/21	OPTICAL	A3	-
8/21	CPU	A2	O
9/21	INPUT(1/2)	A2	O
10/21	INPUT(2/2)	A2	O
11/21	FRONT(1/2)	A3	-
12/21	FRONT(2/2) etc.	A3	-
13/21	HDMI(1/5)	A2	O
14/21	HDMI(2/5)	A2	O
15/21	HDMI(3/5)	A2	O
16/21	HDMI(4/5)	A2	O
17/21	HDMI(5/5)	A3	-
18/21	SC VIDEO(1/3)	A3	-
19/21	SC VIDEO(2/3)	A3	-
20/21	SC VIDEO(3/3)	A2	O
21/21	COMPONENT/MIC	A2	O

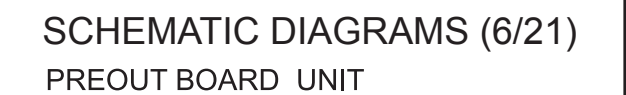


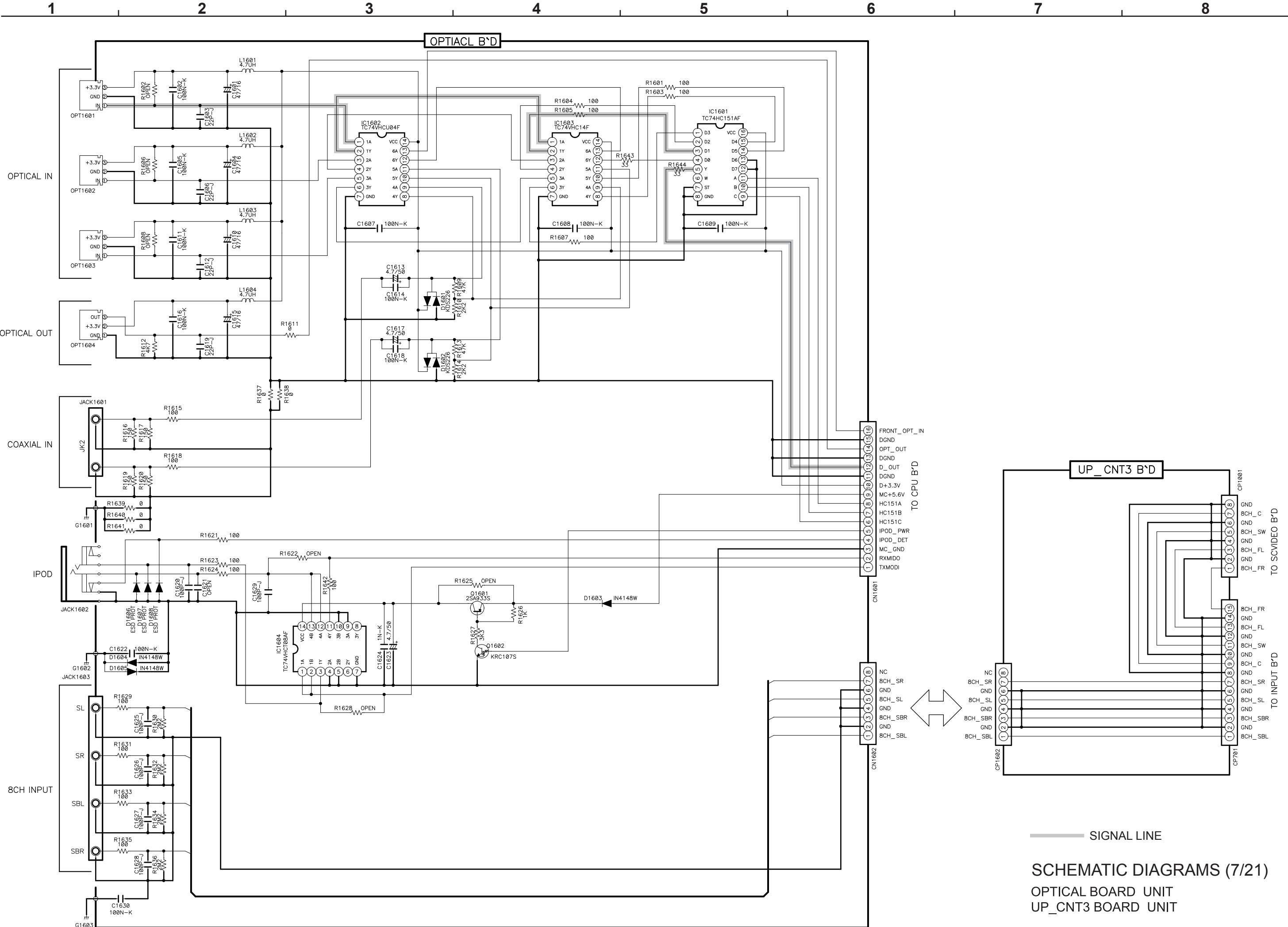




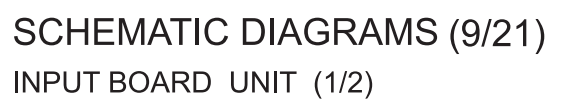


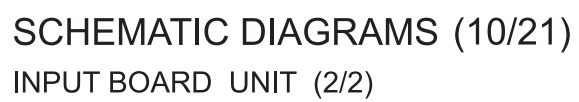


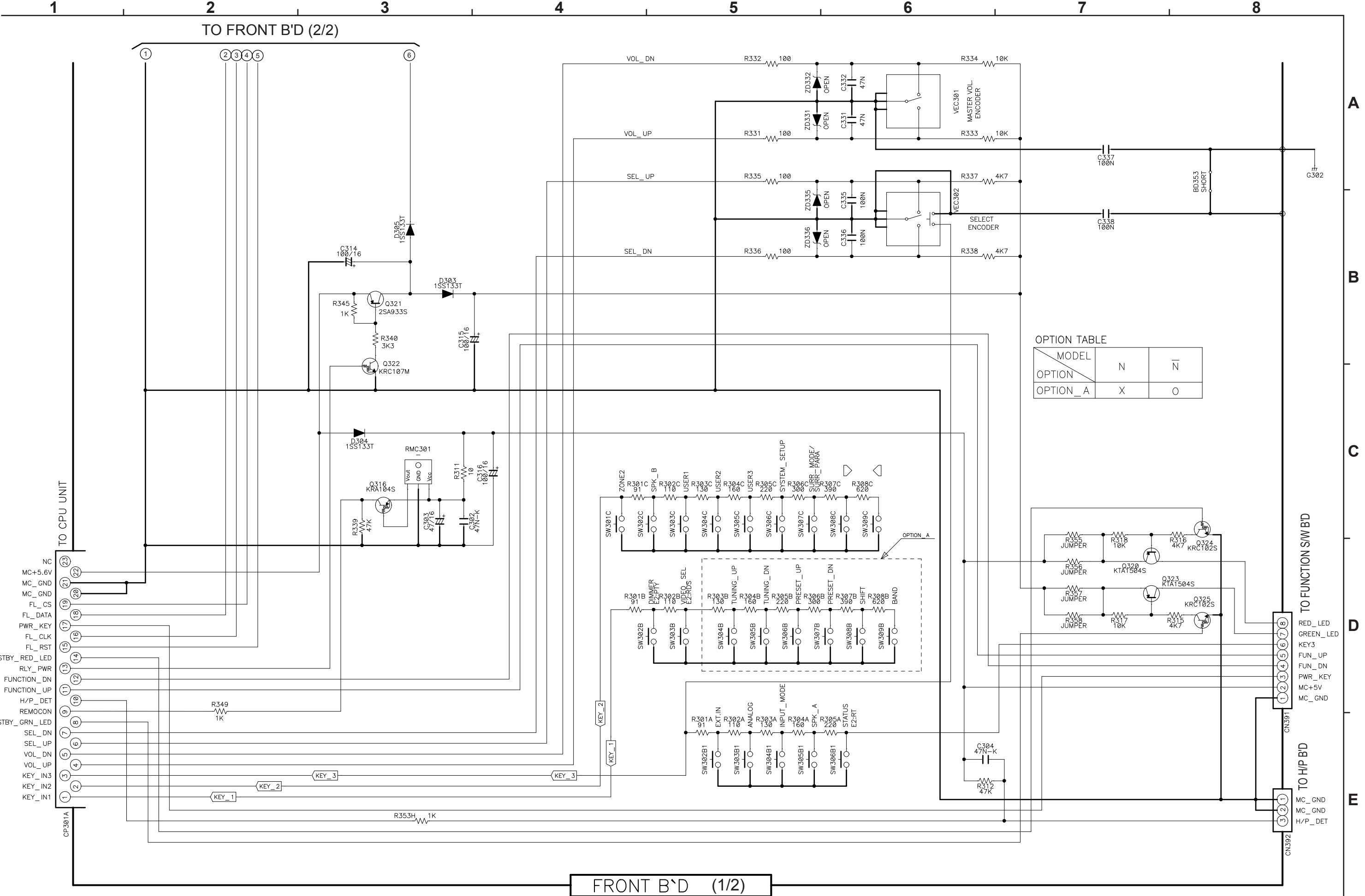


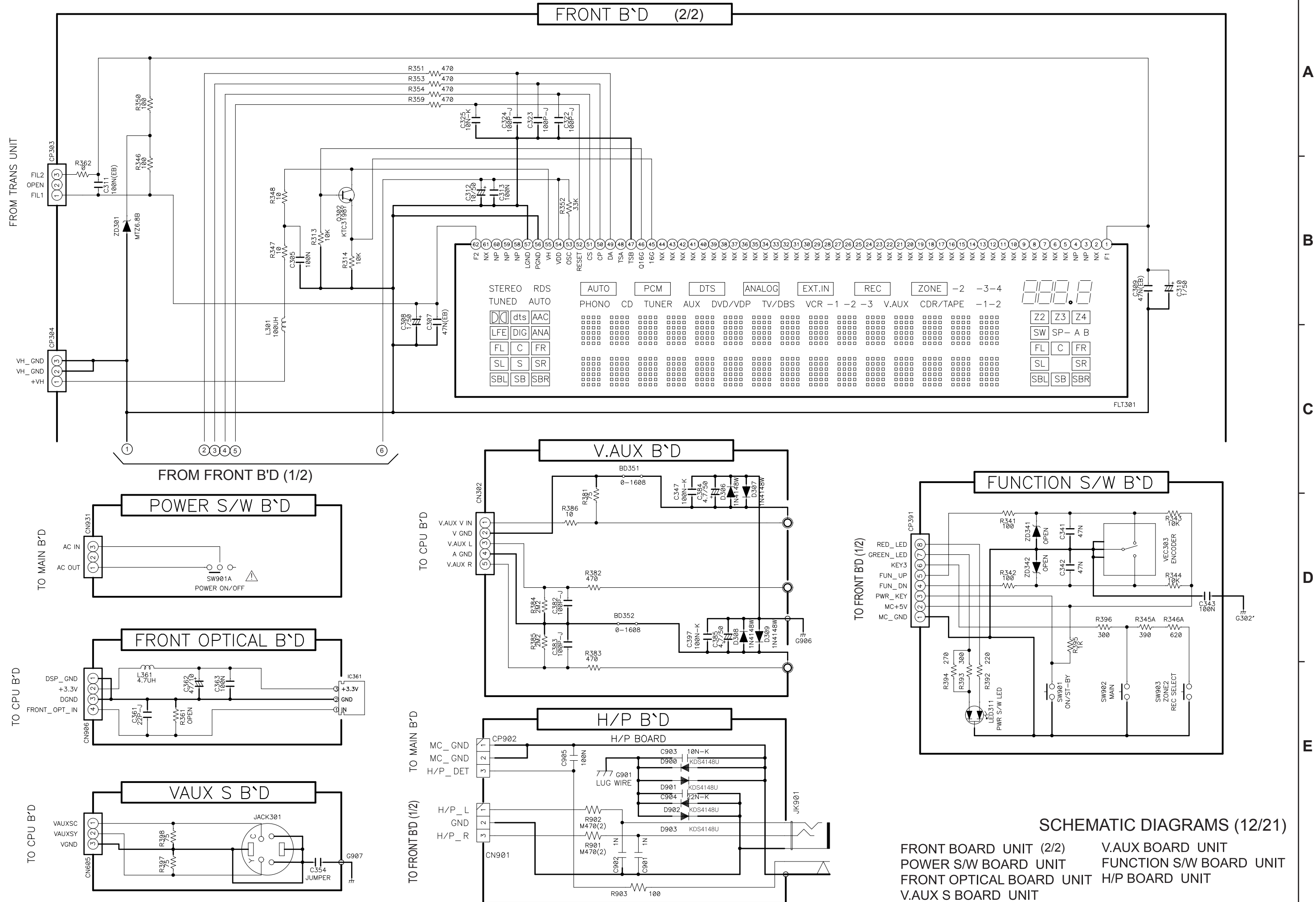




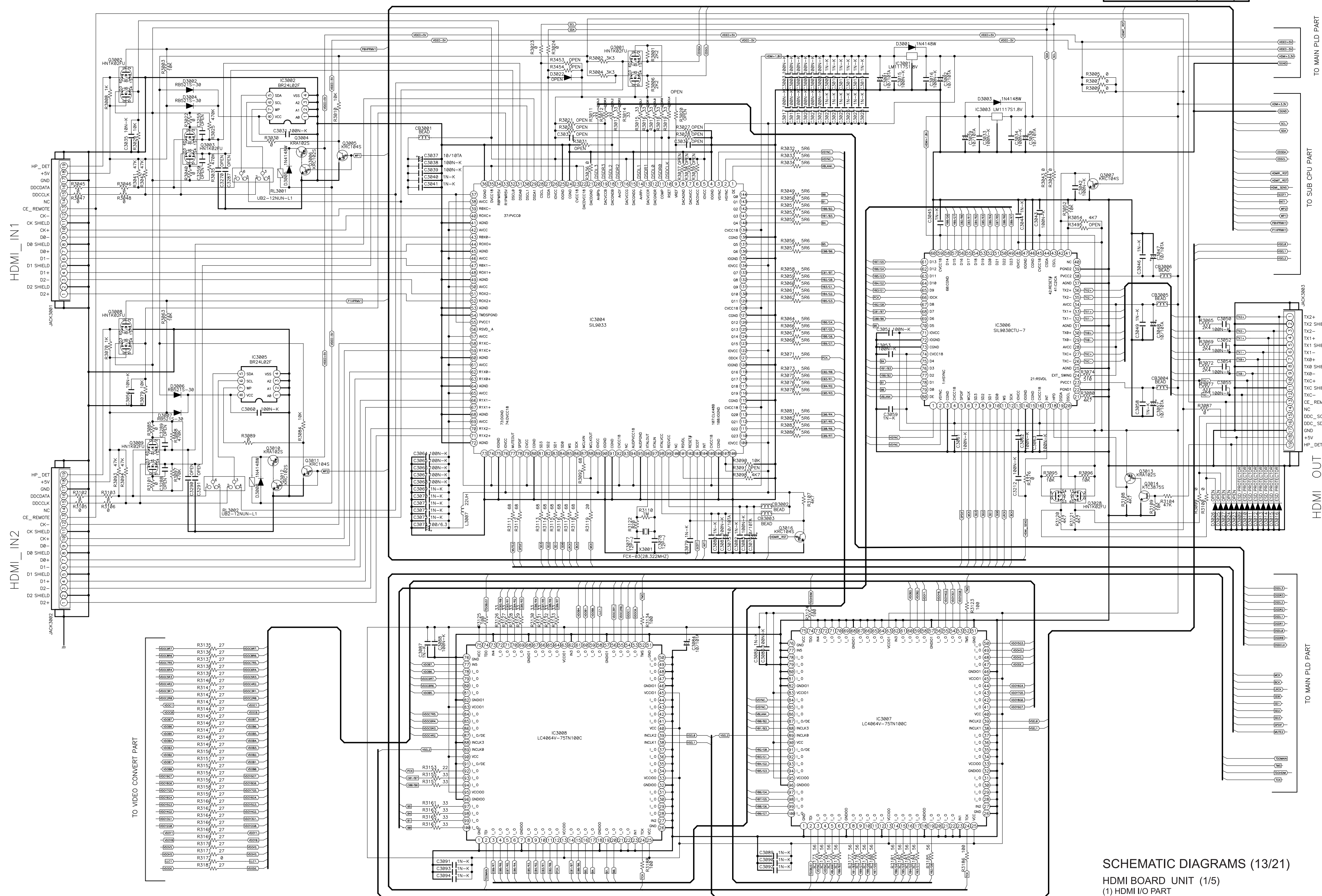








HDMI B'D(1/5)

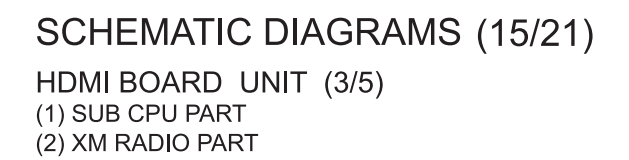


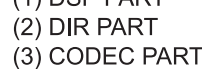
HDMI BOARD UNIT (1/5)

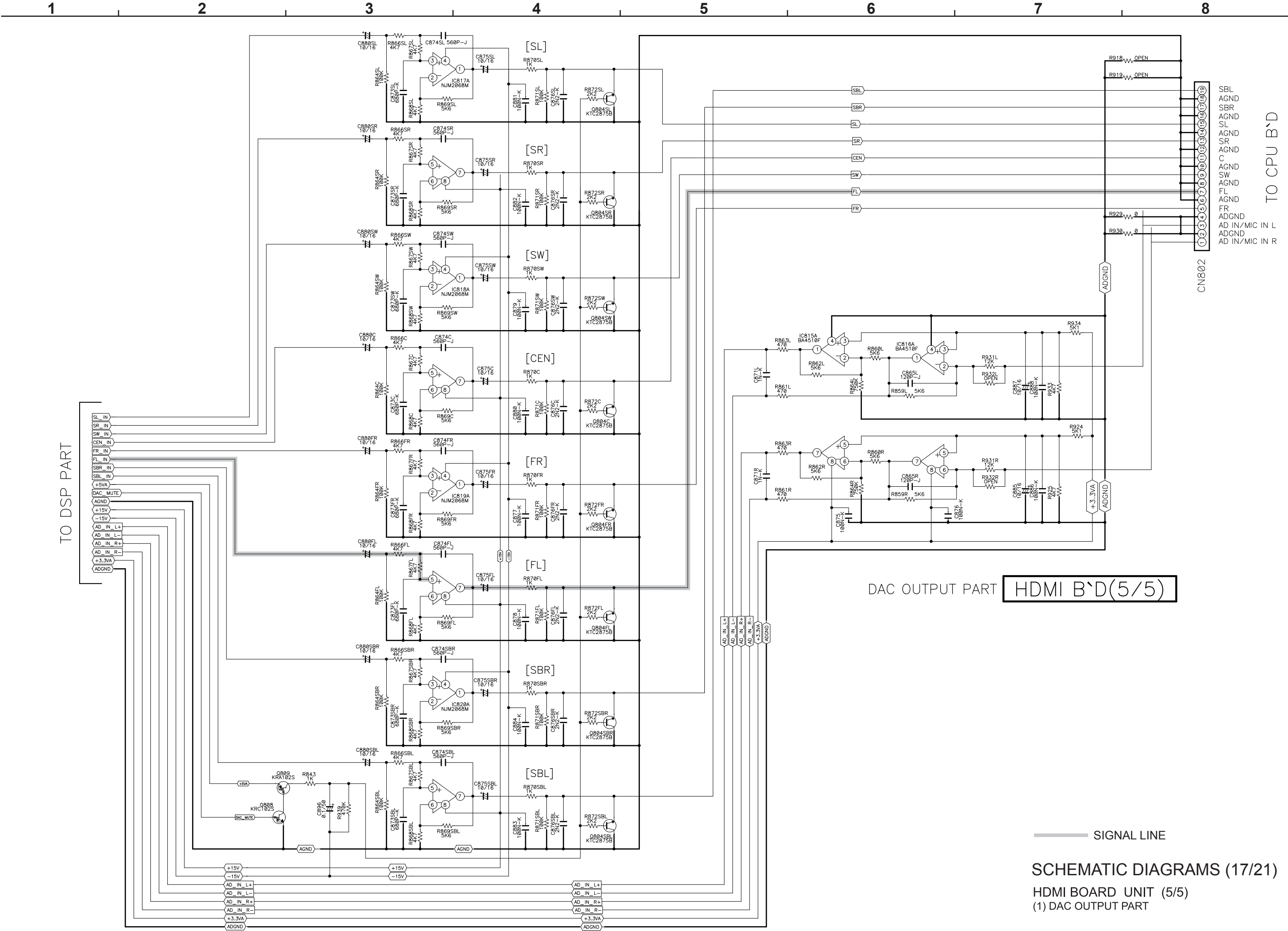
(1) HDMI I/O PART
(2) BUS S/W PART

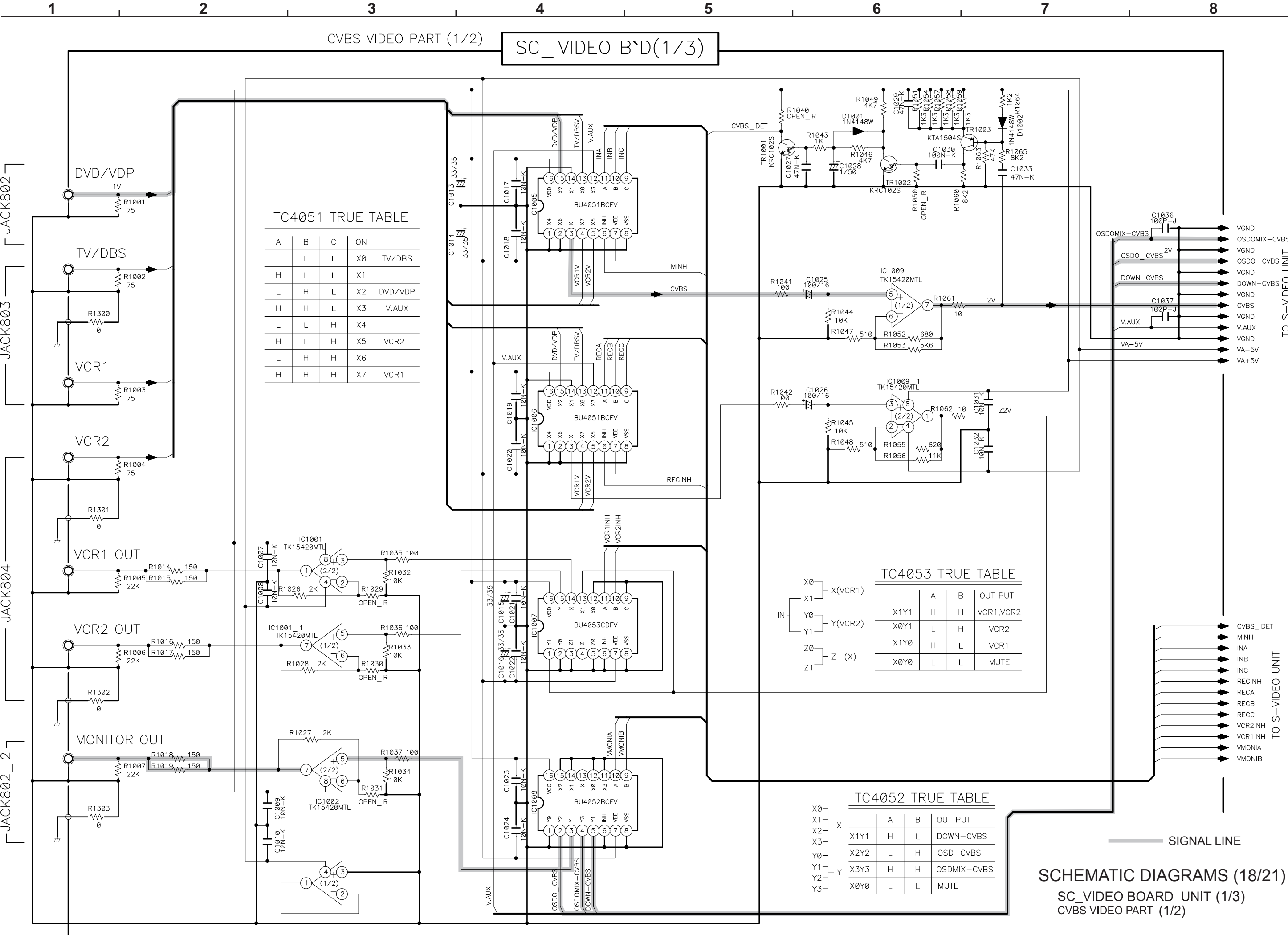
HDMI B'D(2/5)

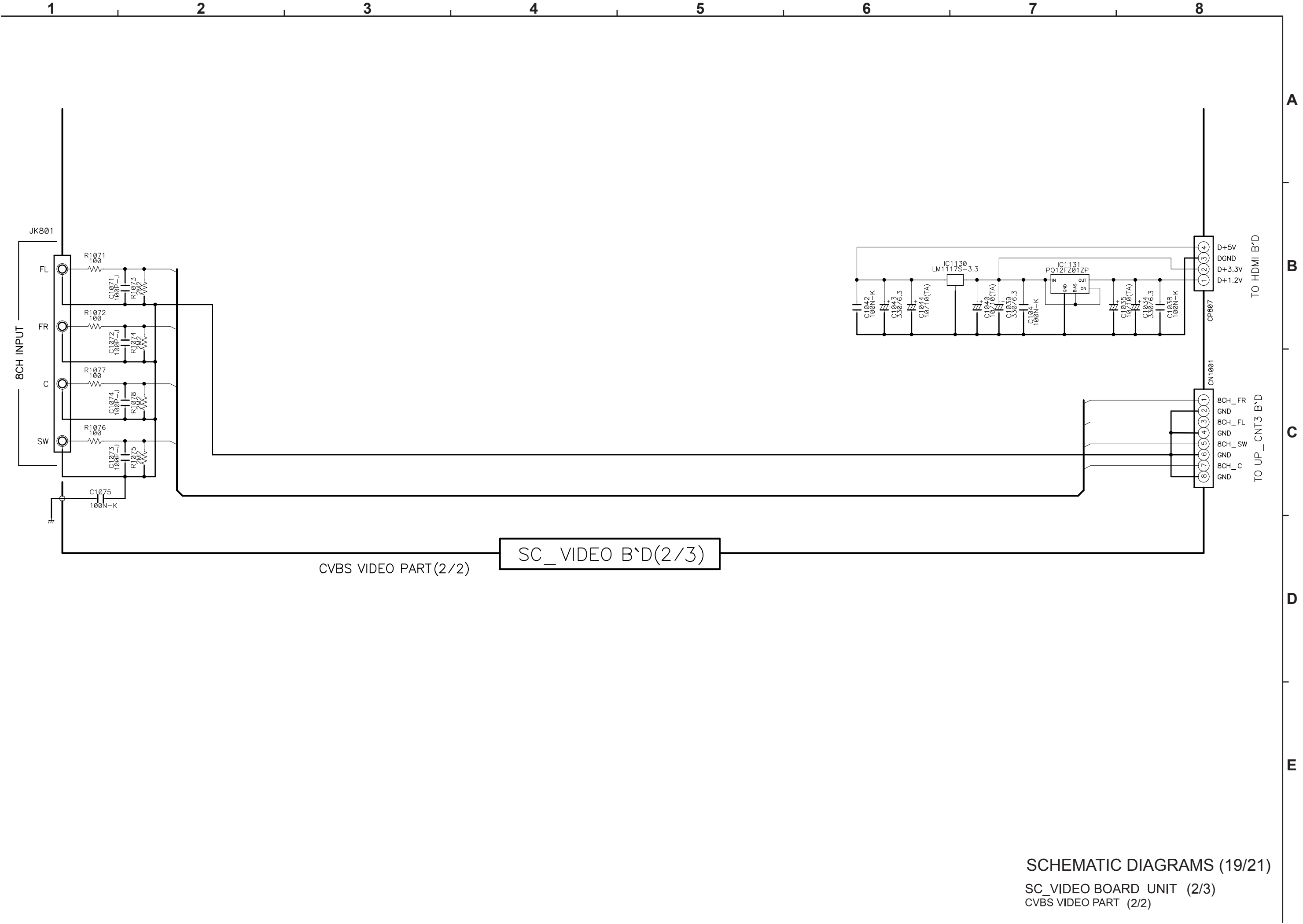






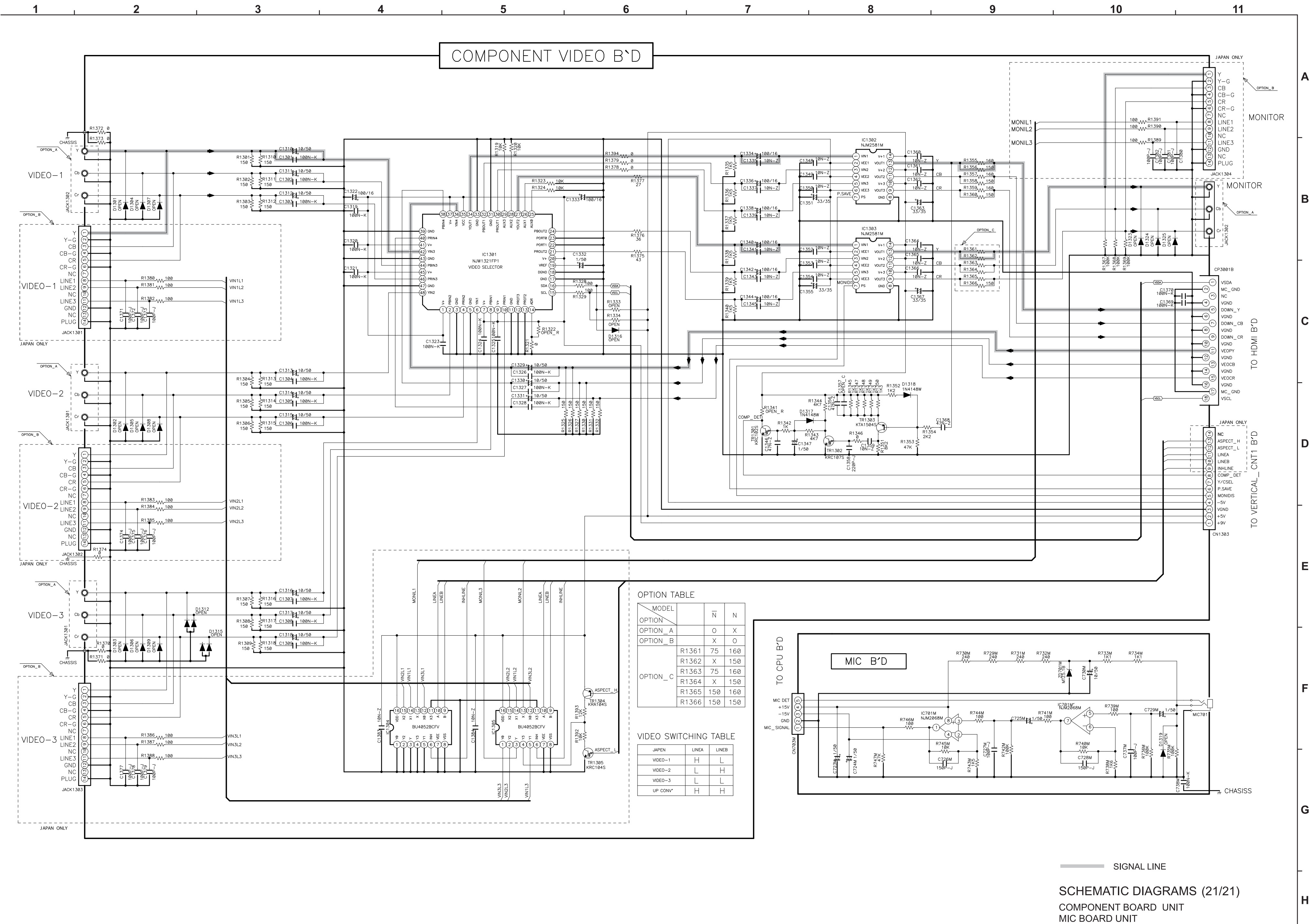






SC VIDEO B'D (3/3)





DOCUMENTS FOR WEEE

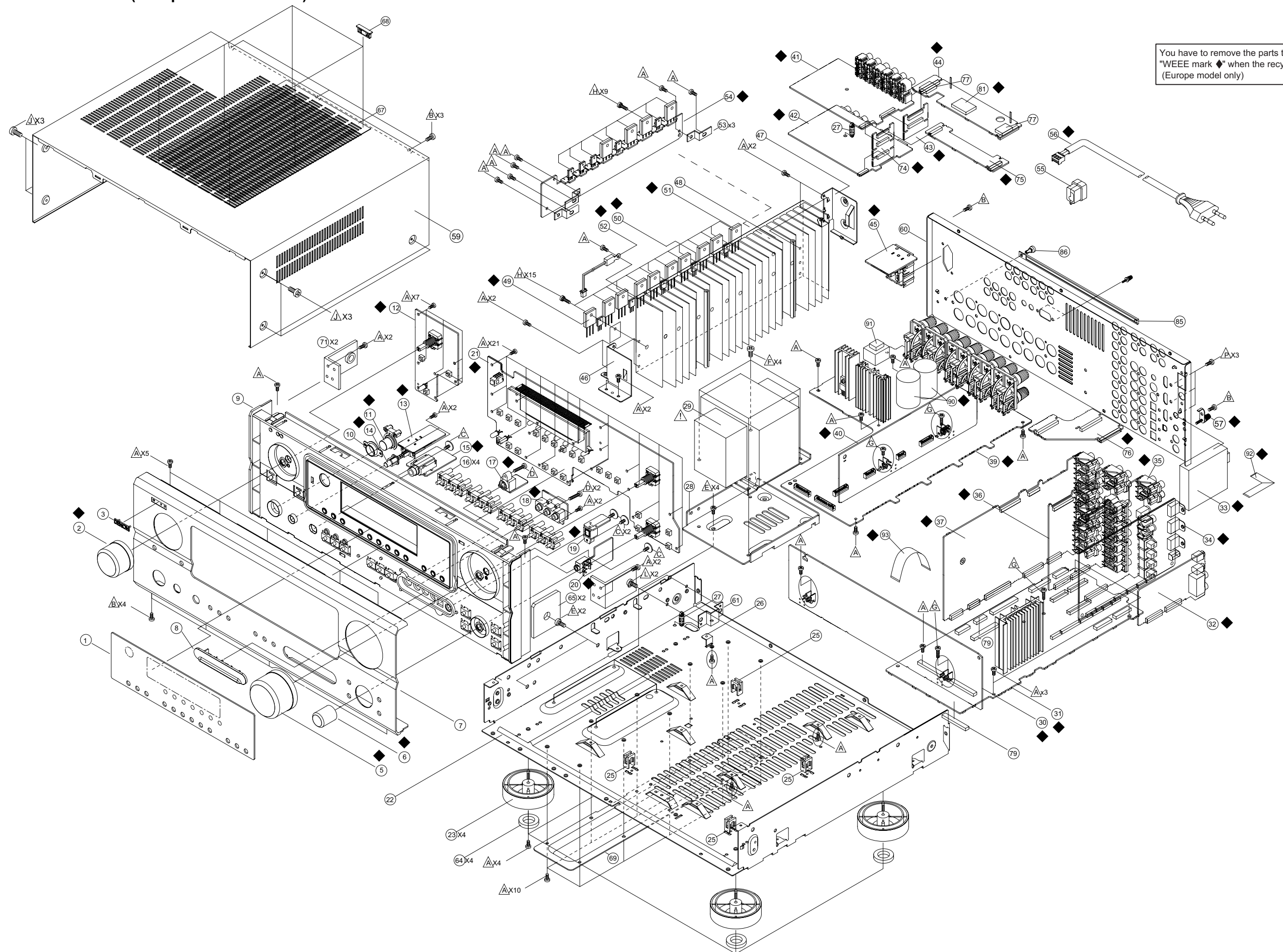
Details of Recycle Parts

* You have to remove the parts that marked "WEEE Mark ◆" when the recycling processing. (E2:Europe/E1C:China model only)

Ref. No.	WEEE Mark	Part Name	Material	Q'ty
1		WINDOW DISPLAY	PVC	1
2	◆	KNOB INPUT	Aluminum+ABS	1
3		BADGE	Aluminum	1
5	◆	KNOB VOLUME	Aluminum+ABS	1
6	◆	KNOB SELECT	Aluminum+ABS	1
7		PANEL FRONT	Aluminum	1
8		COVER RCA	ABS	1
9		FRAME FRONT	ABS	1
10		LENS STANDBY	PMMA	1
11	◆	BUTTON STANDBY	Aluminum+ABS	1
12	◆	ENCODER P.W.B. ASSY	Complex	1
13	◆	POWER S/W P.W.B. ASSY	Complex	1
14	◆	BUTTON POWER	Aluminum+ABS	1
15	◆	HEADPHONE P.W.B. ASSY	Complex	1
16		BUTTON 3KEY(A)	ABS	4
17	◆	FRONT S-VIDEO P.W.B. ASSY	Complex	1
18	◆	FRONT V-AUX P.W.B. ASSY	Complex	1
19	◆	FRONT OPTICAL P.W.B. ASSY	Complex	1
20	◆	MIC P.W.B. ASSY	Complex	1
21	◆	FRONT P.W.B. ASSY	Complex	1
22		CHASSIS MAIN	Steel	1
23		FOOT ASSY	ABS	4
25		SUPPORTER P.W.B.	PA	4
26		BRACKET SUPPORTER	Steel	1
27		SUPPORTER P.C.	PA	2
28		BRACKET TRANS	Steel	1
29		MAIN TRANS	Complex	1
30	◆	CNT P.W.B. ASSY	Complex	1
31	◆	CPU P.W.B. ASSY	Complex	1
32	◆	PHONO P.W.B. ASSY	Complex	1
33	◆	TUNER PACK	Complex	1
34	◆	HDMI P.W.B. ASSY	Complex	1
35	◆	OPTICAL P.W.B. ASSY	Complex	1
36	◆	S-CVIDEO P.W.B. ASSY	Complex	1
37	◆	INPUT P.W.B. ASSY	Complex	1
39	◆	MAIN P.W.B. ASSY	Complex	1
40	◆	PREAMP P.W.B. ASSY	Complex	1
41	◆	COMPONENT P.W.B. ASSY	Complex	1
42	◆	PREOUT P.W.B. ASSY	Complex	1
43	◆	VERTICAL CNT1 P.W.B.	Complex	1
44	◆	UP-CNT1 P.W.B. ASSY	Complex	1
45	◆	AC OUTLET P.W.B. ASSY	Complex	1
46		BRACKET HEAT SINK B	Steel	1
47		BRACKET HEAT SINK F	Steel	1
48		HEAT SINK MAIN	Aluminum	1
49	◆	SEMI TR/GE PNP 2SB	Complex	7
50	◆	SEMI TR/GE NPN 2SC	Complex	7
51	◆	SEMI TR/GE NPN 2SD	Complex	7
52	◆	POSISTOR	Complex	1
53		BRACKET P.W.B.	Steel	3
54	◆	2CH AMP P.W.B. ASSY	Complex	1

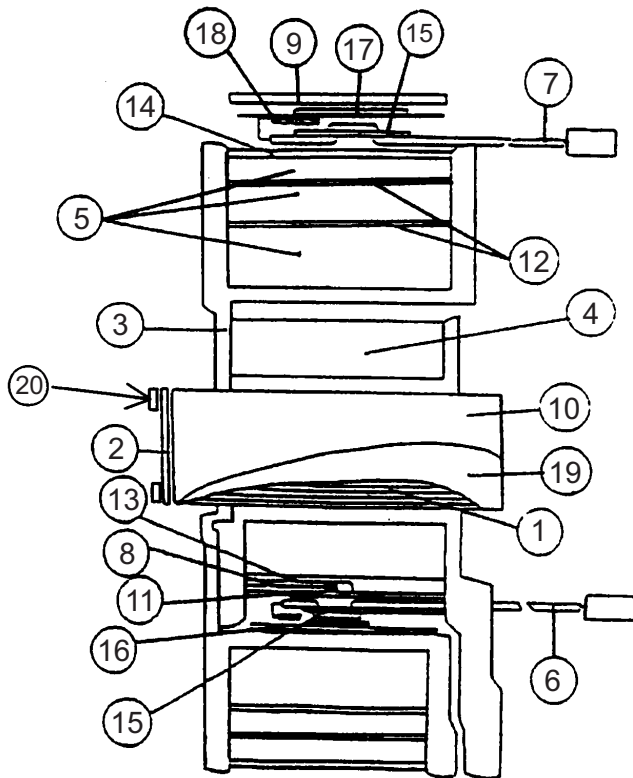
Ref. No.	WEEE Mark	Part Name	Material	Q'ty
55		STOPPER CORD	PA	1
56	◆	AC CORD ASSY	Complex	1
57	◆	TERMINAL	Complex	1
59		CABINET TOP	PVC+Steel	1
60		CHASSIS BACK	Steel	1
61		BRACKET SIDE	Steel	1
64		CUSHION FOOT	Rubber	4
65		CUSHION SIDE	Rubber	2
67		COVER SAFETY	PC	1
68		COVER HOLDER	POM	6
69		BRACKET BOTTOM	Steel	1
71		BRACKET SIDE L/R	Steel	2
74	◆	VERTICAL CNT2 P.W.B.	Complex	1
75	◆	UP-CNT2 P.W.B. ASSY	Complex	1
76	◆	UP-CNT3 P.W.B. ASSY	Complex	1
77		CUSHION INPUT	Rubber	2
79		CUSHION P.W.B.	Rubber	2
81		CUSHION UP-CNT1	Rubber	1
85		COVER SCREW	ABS	1
86		RIVET	PE	1
90	◆	CE68W1J123M(DL)VNN	Complex	2
91		SUB TRANS(MINI)	Complex	1
92	◆	CABLE,FLAT CARD 1.25MM 1.25*15*150	Complex	1
93	◆	CABLE,FLAT CARD 1.25MM 1.25*23*200	Complex	1
SCREWS				
A		SCREW(+2S 3X8 ZNY/BH)	Steel	90
B		SCREW(+2S 3X10 BK/BH DOT)	Steel	42
C		SCREW(+2S 3X8 WASHER PI12)	Steel	4
D		SCREW(+2S 3X15 ZNY/BH)	Steel	3
E		SCREW(+3S 4X6 ZNY/BH)	Steel	6
F		SCREW(+3S 4X8 P+S WASHER ZNY/BH)	Steel	4
G		SCREW(+2S 3X17 ZNY/BH)	Steel	4
H		SCREW(+2S 3X14 P+S WASHER ZNY/HH)	Steel	24
J		SCREW(+2S 4X8 BK/BH DOT)	Steel	6
L		SCREW (+2S 3*5 ZNY/BH)	Steel	2
P		SCREW (+3S 3*8 BK/BH)	Steel	3

Exploded view of AVR-2307 (Europe & China model)



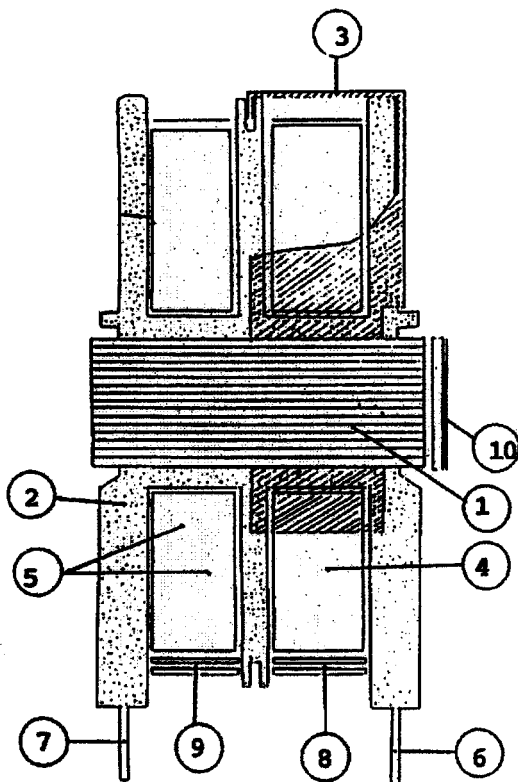
You have to remove the parts that marked "WEEE mark" when the recycling processing. (Europe model only)

Details of Recycle parts for Main Transformer(Ref.No.29)



NO.	MATERIAL
1	Silicon Steel Sheet
2	Steel
3	Polybutylene Terephthalate
4	Polyurethane Covered Copper Wire
5	Polyurethane Covered Copper Wire
6	PVC Insulated Copper Wire
7	PVC Insulated Copper Wire
8	Thermal Fuse
9	Copper
10	Silicon Steel Sheet
11	Silicon Rubber
12	Polyester Tape
13	Press Board + Polyester Tape + Polyester Film
14	Press Board + Polyester Tape + Polyester Film
15	Press Board
16	Polyester Tape
17	Press Board + Polyester Tape + Polyester Film
18	Polyester Tape
19	Non-Woven Tape
20	C.R. Form

Details of Recycle parts for Sub Transformer(Ref.No.91)



NO.	MATERIAL
1	Silicon Steel Sheet
2	Polyethylene Terephthalate
3	PA66
4	Polyurethane Enameled Copper Wire
5	Polyurethane Enameled Copper Wire
6	Copper Alloy
7	Copper Alloy
8	Polyester Tape
9	Press Board or Polyester Film
10	Polyester Tape