

# DENON

For U.S.A. , Canada model

Ver. 1

## SERVICE MANUAL

# MODEL **AVR-2106/886**

## AV SURROUND RECEIVER

### 注意

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

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

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

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

● 修理の際は、必ず取扱説明書を参照の上、作業を行ってください。

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

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

# DENON

TOKYO, JAPAN

Denon Brand Company, D&M Holdings Inc.

## SAFETY PRECAUTIONS

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

### LEAKAGE CURRENT CHECK

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

#### 注意

サービス、点検時には次のことにご注意願います。

#### ●注意事項をお守りください！

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

#### ●感電に注意！

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

#### ●指定部品の使用！

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

#### ●部品の取付けや配線の引きまわしは、元どおりに！

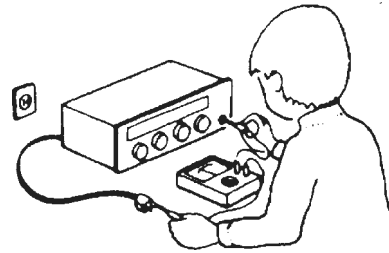
安全上、テープやチューブなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランプによって発熱部品や高圧部品に接近しないように配慮されていますので、これらは必ず元どおりにしてください。

#### ●サービス後は安全点検を！

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

#### (絶縁チェックの方法)

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

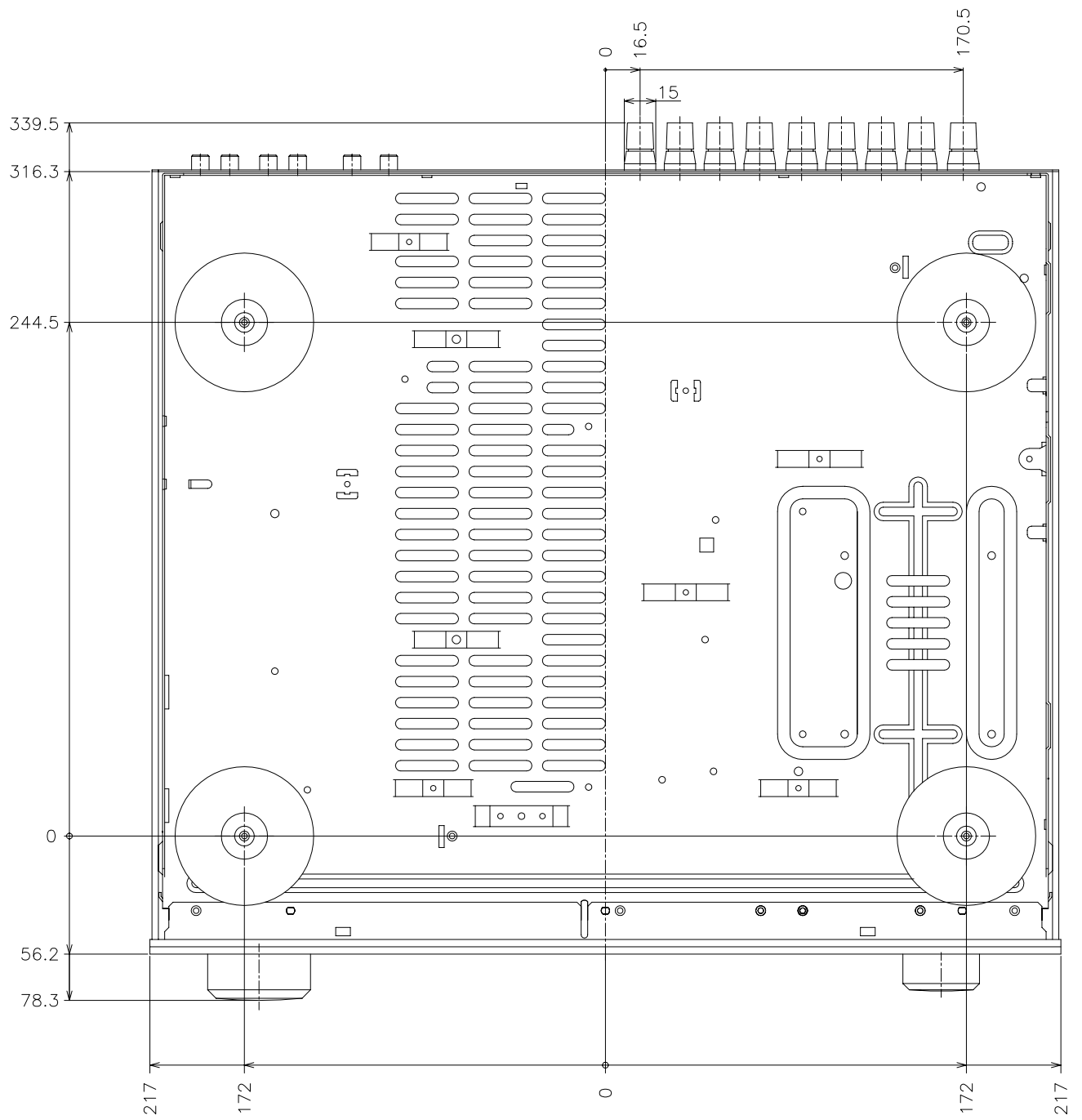


#### 注意 安全上重要な部品について

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

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

# DIMENSION



## CAUTION IN SERVICING

### Initializing AV SURROUND RECEIVER

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

1. Switch off the unit.
2. Hold the following SPEAKERS-A button and SPEAKERS-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. SPEAKERS-A ボタンと SPEAKERS-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

## 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 Amp. Unit, VR106,107 on SURR.-BACK ch 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: TP106, SURROUND-BACK Rch: TP107).
- (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 1.5 mV ± 0.5 mV DC.
- (6) After 10 minutes from the preset above, turn VR101 to set the voltage to 2.5 mV ± 0.5 mV DC.
- (7) Adjust the Variable Resistors of other channels in the same way.

# 調整

## オーディオセクション

### アイドリング電流の調整

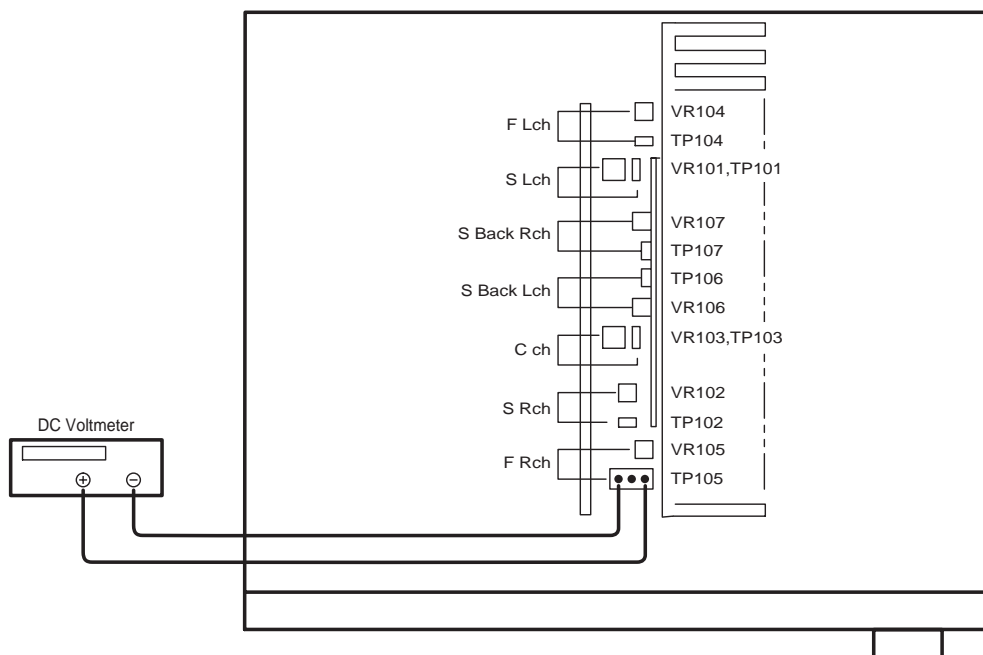
調整に必要な測定器： DC Voltmeter

#### 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、パワーアンプ基板の VR101, VR102, VR103, VR104, VR105 及び SURR.-BACK アンプ基板の VR106,107 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: TP106, SURROUND-BACK Rch: TP107) 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。  
 1.5mV ± 0.5mV DC
- (6) 予備調整から 10分後 VR101 を回し、次のように電圧を設定します。  
 2.5mV ± 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 (For U.S.A., Canada)

### Component Video Level Adjustment

Required measurement equipment etc.: Oscilloscope, DVD VIDEO PLAYER (ex: DVD-1500)  
Test disc: DVD T-S01

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

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

#### 2. Adjustment

- (1) Remove top cover and set VR608, VR609, VR610, on C-S VIDEO2 Unit at fully counterclockwise ( ◯ ).
- (2) Connect a pin-plug terminated with 75-ohms to Y (Cb, Cr) of the Component Video Monitor Output, and hook up the Oscilloscope's probe to both ends of the pin-plug.
- (3) Connect S terminal output of the DVD Player with the DVD input terminal of the Receiver.
- (4) Connect power cord to AC Line, and turn power switch "ON".
- (5) Presetting.
  - FUNCTION: DVD
  - Playback the color-bar 75% of the Test Disc (Title 12)
- (6) Turn VR610 clockwise ( ◯ ) to adjust the COMPONENT Video Y voltage (except H. Sync) to 714 ± 50 mVp-p. (Refer to Fig. 1)
- (7) Adjust the Variable Resistors of Cr: VR609 and Cb: VR608 in the same way. (Refer to Fig. 2, 3)  
Cb,Cr: 486 ± 50 mVp-p. (U.S.A. & Canada model)

## ビデオセクション

### コンポーネントビデオレベルの調整

調整に必要な測定器 : Oscilloscope, DVD VIDEO PLAYER  
(例 : DVD-1500)  
テストディスク : DVD T-S01

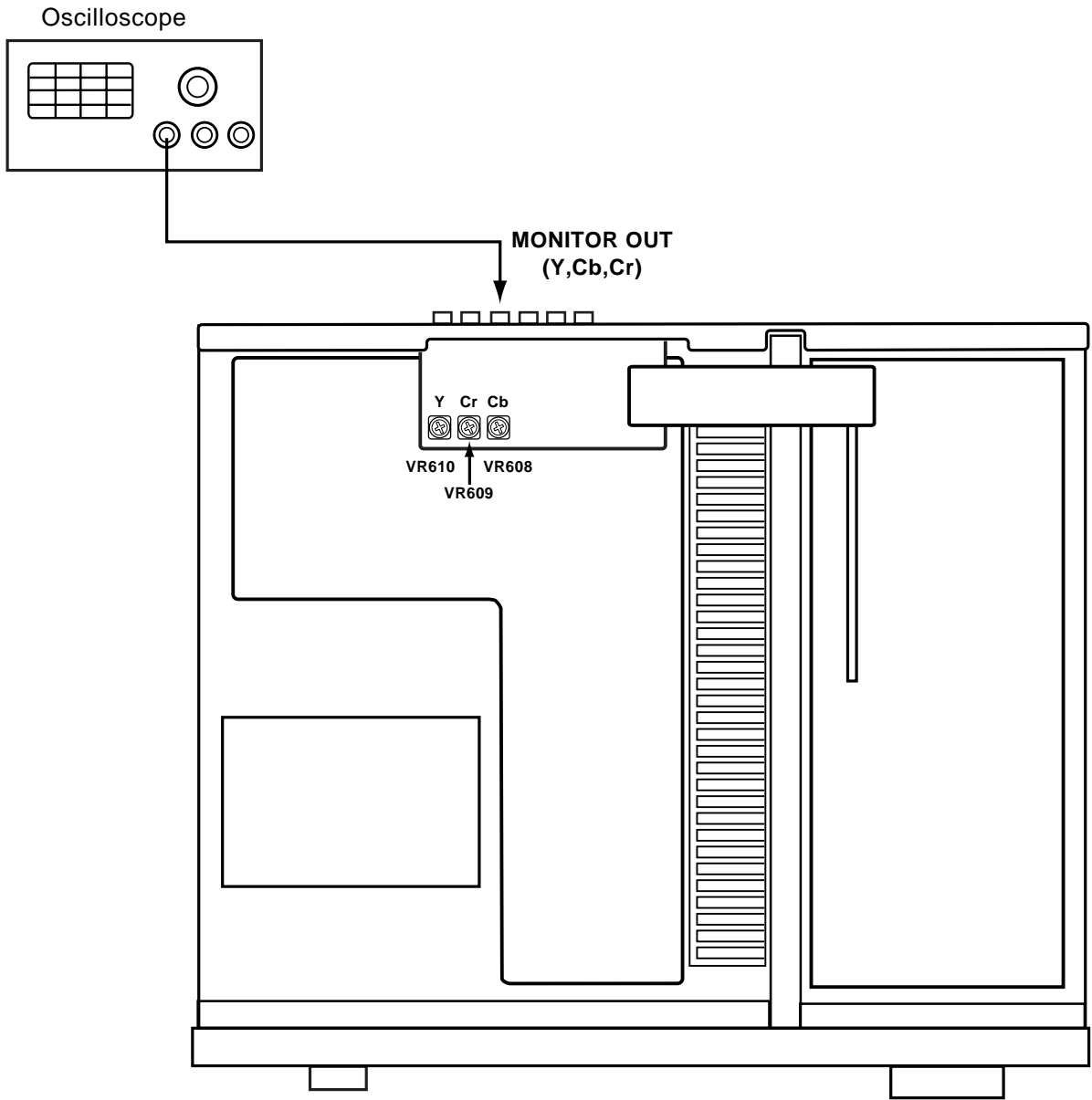
#### 1. 準備

- (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) DVD VIDEO PLAYER でテストディスクのカラーバー 75% (Title 12) を再生し、S 端子出力 Y、C レベルが正規の出力レベルであることを確認する。正規の出力レベルでない場合は、セット内部の可変抵抗器で調整してください。
- (3) プリセット
 

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

#### 2. 調整

- (1) 上カバーをはずし、C-S VIDEO2 ユニットの VR608, VR609, VR610 を反時計方向 ( ◯ ) に回し切った状態にセットします。
- (2) コンポーネントビデオモニターアウトの Y (Cb, Cr) に 75Ω で終端したピンプラグを接続し、その両端を Oscilloscope のプローブでつまみます。
- (3) DVD VIDEO PLAYER の S 端子出力を本機の DVD 入力端子に接続します。
- (4) 電源コードを電源コンセントに接続し、電源スイッチを "ON" にします。
- (5) ON 後、次のようにセットします。
  - 本機の FUNCTION を DVD にする。
  - テストディスクのカラーバー 75% (Title 12) を再生する。
- (6) VR610 を時計方向 ( ◯ ) に回しコンポーネントビデオ Y (H. Sync を除く) の電圧を調整します。(Fig. 1 参照)  
714mV ± 50mVp-p
- (7) 同じ方法で Cr: VR609、Cb: VR608 の可変抵抗器を調整します。(fig. 2、3 参照)  
Cb, Cr: 525 ± 50mVp-p (Japan model)



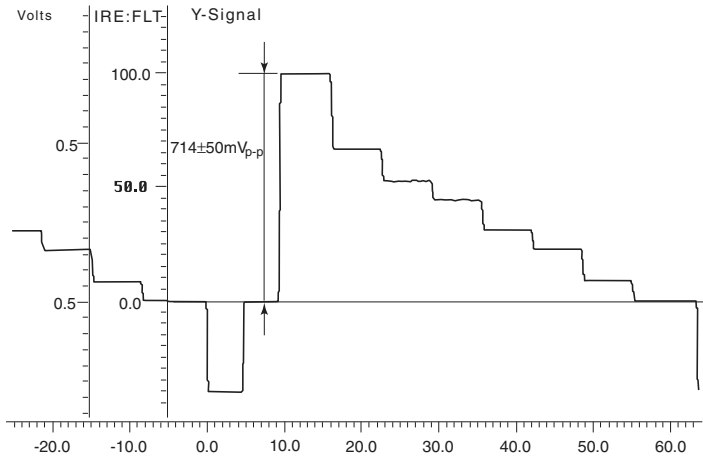


Fig.1 Component Video Y signal

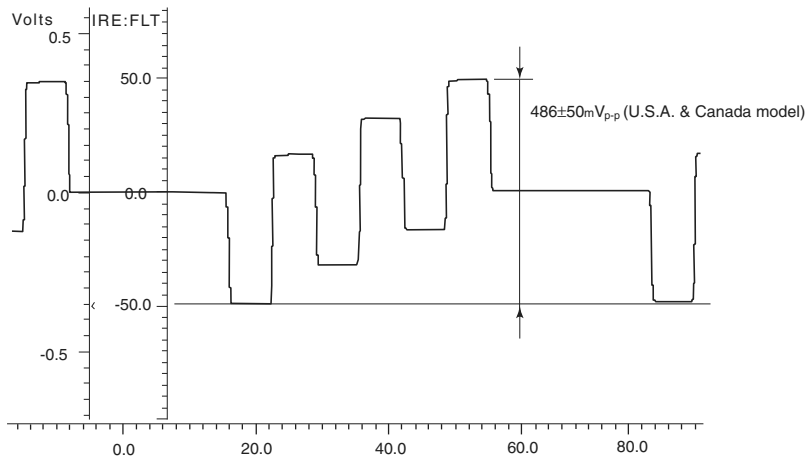


Fig.2 Cb signal

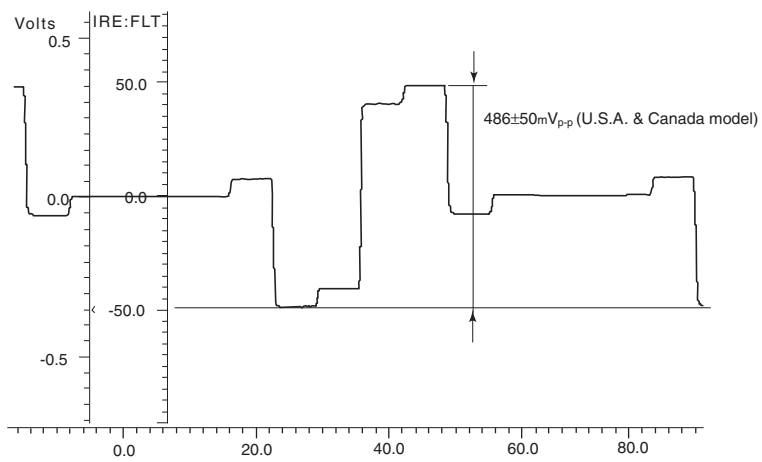
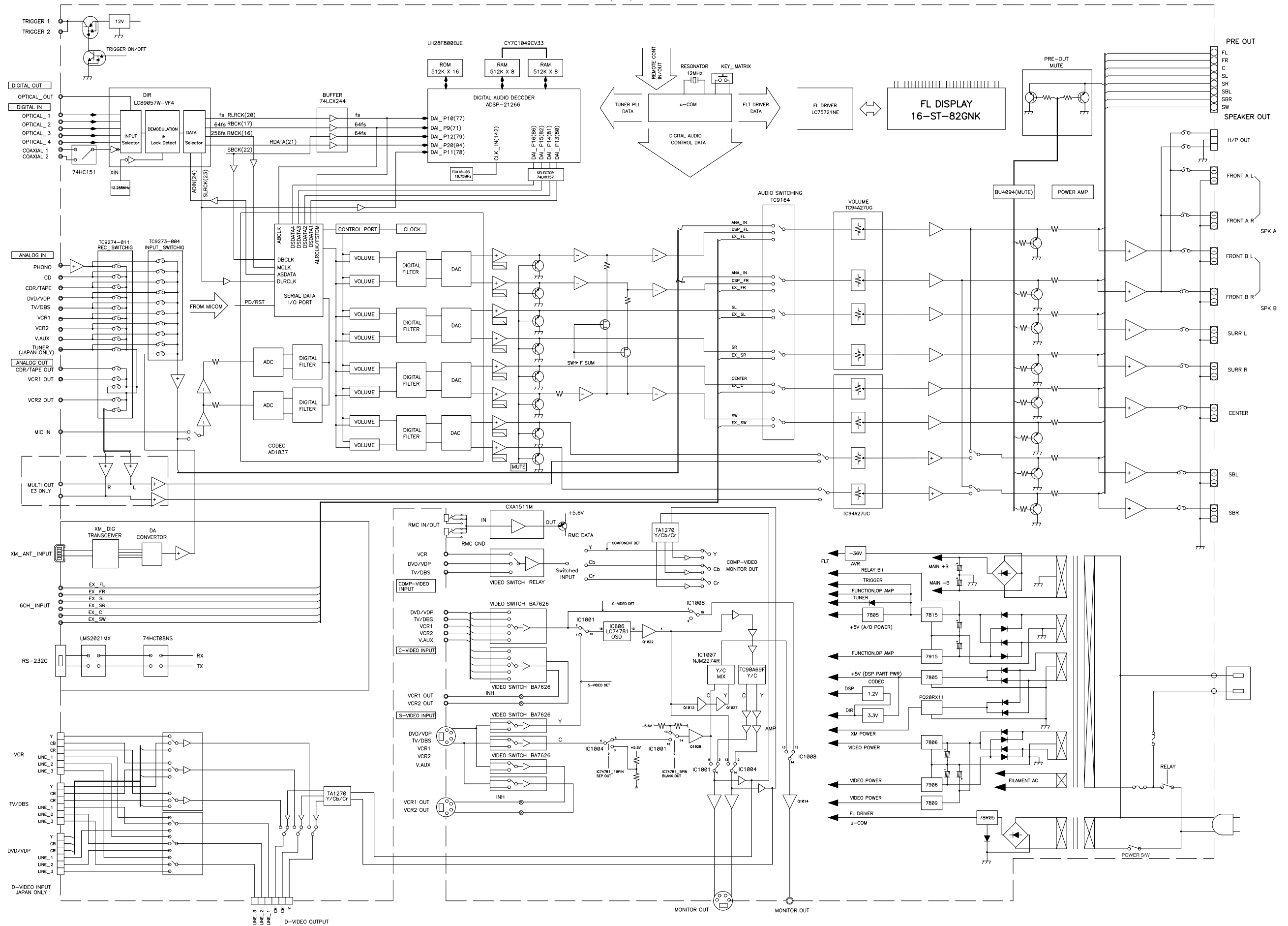


Fig.3 Cr signal

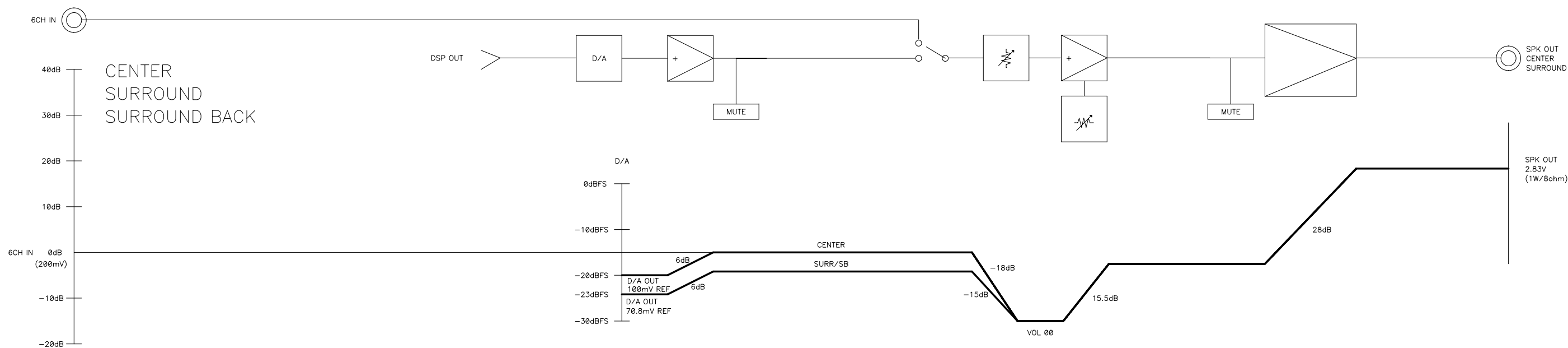
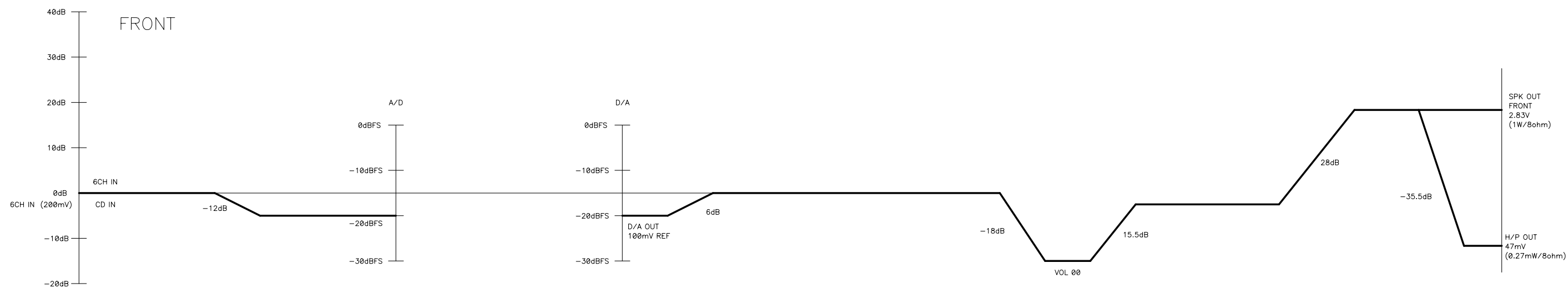
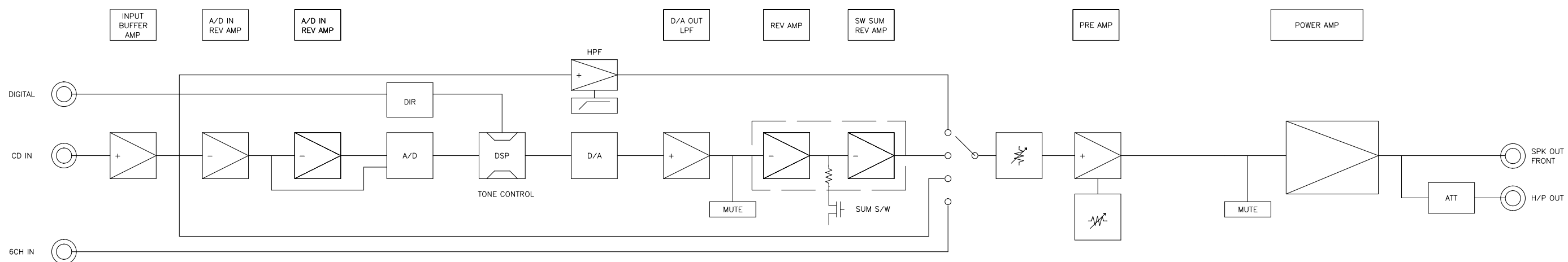


BLOCK DIAGRAM

AVR 2106(E3) BLOCK DIAGRAM

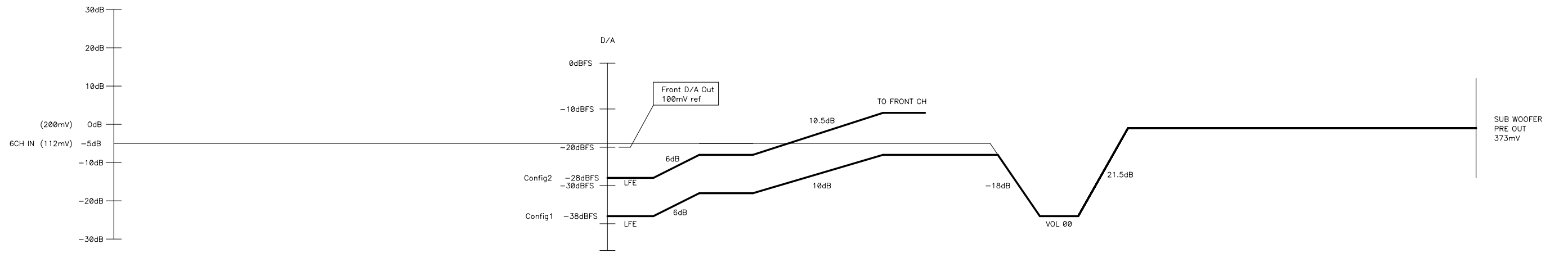
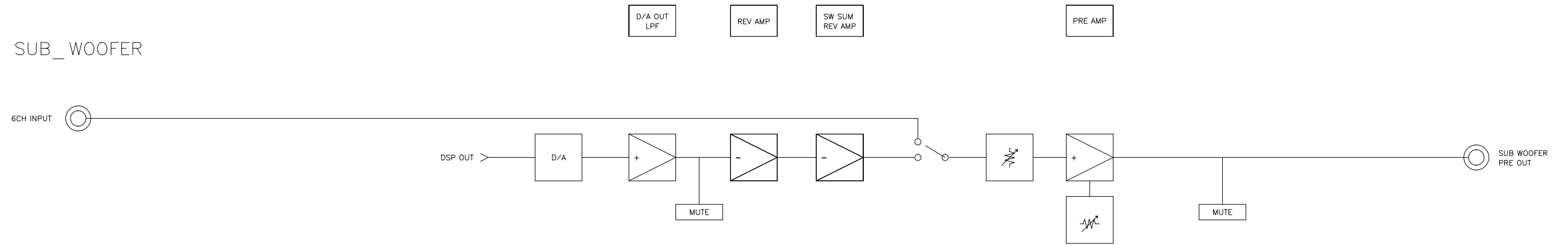


LEVEL DIAGRAMS (1/2)



LEVEL DIAGRAMS (2/2)

SUB\_WOOFER

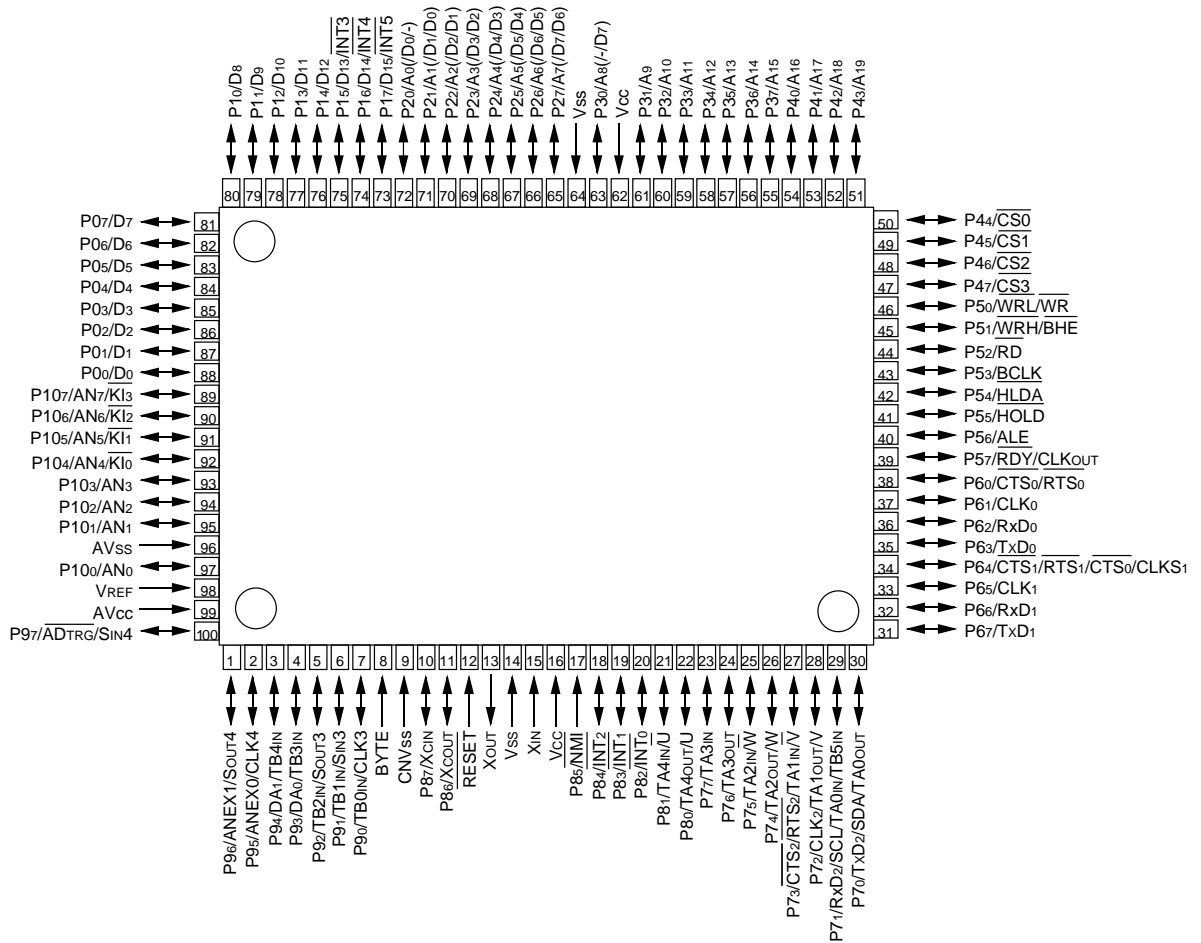


# SEMICONDUCTORS

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。

## 1. IC's

### M30622MGP (IC201)



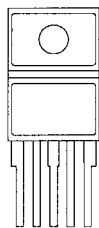
### M30622MGP Terminal Function

PIN No.	PIN NAME	I/O	FUNCTION
1	SW_SUM	O	SW SUMMING CONTROL
2	4094CLK	O	BU4094(IC551~3) CLOCK
3	2090_CLK(VIDEO)/F	O	BU2090F(IC1003,1005) CLOCK
4	2090_DATA/LC74781_DATA/G	O	BU2090F(IC1003) DATA/LC74781(IC1006) DATA
5	2090_DATA2/LC74781_CLK/VIDEO_MUTE	O	BU2090F(IC1005) DATA/LC74781(IC1006) SCLK
6	REMOCON	I	REMOCON SIGNAL DATA INPUT
7	1837_SDIN	I	AD1837(IC808) SERIAL DATA INPUT
8	BYTE	GND	-
9	CNVSS	-	UP GRADE PIN
10	2090_DATA/4094_DATA	O	BU4094(IC551~3) DATA /BU2090F(IC302) DATA
11	FLD_RST/4094_EN	O	LC75721NE(IC301) RESET CONTROL/BU4094(IC551~3) OUTPUT ENABLE
12	RESET	I	u-COM RESET SIGNAL INPUT
13	XOUT	O	OSILATOR CONNECTION
14	Vss	GND	GND
15	XIN	I	OSILATOR CONNECTION
16	Vcc1(+5V)	5V	POWER 5V
17	PWR_DOWN	I	POWER DOWN CONTROL INPUT
18	FLAG0	I	EPROM chip select control for DSP
19	89057_INT	I	LC89057(IC807) INT SIGNAL INPUT

PIN No.	PIN NAME	I/O	FUNCTION
20	PROTECTION	I	PROTECTION SIGNAL INPUT
21	FLD/2090_CLK	O	BU2090F(IC302) CLOCK/ LC75721NE(IC301) CLOCK
22	FLD_DATA	O	LC75721NE(IC301) DATA
23	FLD_CE	O	LC75721NE(IC301) CHIP ENABLE
24	9273_STB	O	TC9273-004(IC705) STB
25	9273/9162_DATA	O	TC9273-004(IC705) DATA/TC9164(IC203T) DATA
26	9273/9164_CLK	O	TC9273-004(IC705)CLOCK /TC9164(IC203T) CLOCK
27	9164_STB	O	TC9164(IC203T) STB
28	9274_STB	O	TC9274-011(IC701) STB
29	90A69/1270_CKL	O	TC90A69(IC1009) SCL/TA1270BF(IC1154) SCL
30	90A69/1270_DATA	I/O	TC90A69(IC1009) SDA/TA1270BF(IC1154) SDA
31	RS232C_TX	O	RS232C SIGNAL OUTPUT
32	RS232C_RX	I	RS232C SIGNAL INPUT
33	XM-COMMAND	O	XM-COMMAND SIGNAL
34	XM-REQ	O	XM-REQ SIGNAL
35	XM-MIXMO	I	XM-MIXMO SIGNAL
36	XM-MIXMI	O	MX-MIXMI SIGNAL
37	PLL_CLK	O	TUNER PLL CLOCK
38	PLL_CE	O	TUNER PLL CHIP ENABEL
39	TUNED	I	TUNED SIGNAL INPUT
40	STEREO	I	STEREO SIGNAL INPUT
41	RS232C_UP	I	CONNECT TO RESET
42	VOL_UP	I	MASTER VOLUME ENCODER(VEC301)
43	VOL_DOWN	I	MASTER VOLUME ENCODER(VEC301)
44	SEL_UP	I	SELECT ENCONDER(VEC302)
45	SEL_DOWN	I	SELECT ENCONDER(VEC302)
46	RS232C_UP	I	UP GRADE PIN
47	POWER_D/W	I	POWER DOWN CONTROL INPUT
48	PLL_DATA_OUT	O	TUNER PLL_DATA OUTPUT
49	ERR_MUTE	O	ERROR MUTE
50	BSE	O	DIGITAL SIGNAL MUTE
51	89057_EMPHA	I	LC89057(IC807) EMPHA SIGNAL INPUT
52	SHARC_SDIN	I	SHARC(IC804) SD INPUT
53	89057_SDIN	I	LC89057(IC807) D0 SIGNAL INPUT
54	EPPROM_RST	O	FLASH ROM(IC805) RESET
55	89057_RST	O	LC89057(IC807) RESET
56	SHARC_CE	O	SHARC(IC804) CHIP ENABEL
57	SHARC_SDOUT	O	CHARC(IC804) SD OUT
58	89057_CE	O	LC89057(IC807) CHIP ENABLE
59	89057/1837_SDOUT	O	LC89057(IC807) D1 SIGNAL / AD1837(IC808) CIN SIGNAL
60	89057/1837_SCLK	O	LC89057(IC807) CL / AD1837(IC808) CCLK
61	1837_RST	O	AD1837(IC808) RESET SIGNAL OUT (TO IC821)
62	Vcc2(+5V)	5V	POWER 5V
63	SHARC_SCLK	O	SHARC(IC804) SPICLK
64	Vss	GND	-
65	SHARC_RST	O	SHARC(IC804) RESET SIGNAL
66	1837_CE	O	AD1837(IC808) CLATCH
67	FLAG3	I	Special flag for ROM updata
68	FLAG2	I	DSP operation check flag
69	FLAG1	I	NON USE
70	H/P_DET	I	HEAD PHONE DETECT
71	FUNC_UP	I	FUNCTION ENCODER (VEC303)
72	FUNC_DOWN	I	FUNCTION ENCODER (VEC303)
73	PLL_DATA_IN	I	TUNER PLL DATA INPUT
74	XM-4094STB	O	BU4094(IC208X) STB

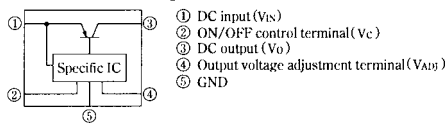
PIN No.	PIN NAME	I/O	FUNCTION
75	MIC_DET	I	MIC DETECT INPUT
76	POWER_RELAY	O	POWER RELAY CONTROL
77	STBY_LED(RE D)	O	STBY LED RED CONTROL
78	VCR_MUTE/94A27_STB	O	TA94A27(IC201T,202T) STB
79	3811/94A27_CLK	O	TA94A27(IC201T,202T) CLK/BD3811 CLK
80	3811/94A27_DATA	O	TA94A27(IC201T,202T) DATA/DB3811 DATA
81	MUTE_POWER	O	MUTE CONTROL
82	4094_STB(RLY)	O	BU4094(IC551) STB
83	4094_STB(RLY_MUTE)	O	BU4094(IC553) STB
84	4094_STB(MUTE)	O	BU4094(IC552) STB
85	S-MON_DET	I	S-MONITOR DETECT
86	COMP_VIDEO_DET	I	COMPONENT SIGNAL INPUT DETECT
87	C_VIDEO_DET	I	CONPOSIT SIGNAL INPUT DETECT
88	S_VIDEO_DET	I	S VIDEO SIGNAL INPUT DETECT
89	RS232C_SW	O	SN74HAHCT08(IC203) POWER CONTROL/ LMS202IMX(IC202) POWER CONTROL
90	KEY_IN1	I	KEY1 SIGNAL INPUT
91	KEY_IN2	I	KEY2 SIGNAL INPUT
92	KEY_IN3	I	KEY3 SIGNAL INPUT
93	XM-DACMDI	I	PCM1791ADBR(IC205X) MDI SIGNAL
94	STEP_OPTION	I	AREA OPTION SELECT
95	XM-DACMC	O	PCM1791ADBR(IC205X) MC SIGNAL
96	AVss	GND	GND
97	XM-DACMS	O	PCM1791ADBR(IC205X) MS SIGNAL
98	VREF	5V	VREF
99	AVcc	5V	POWER 5V
100	74781_CE/J	I	LC74781(IC1006) CS

**PQ20RX11J00H (IC103X)**

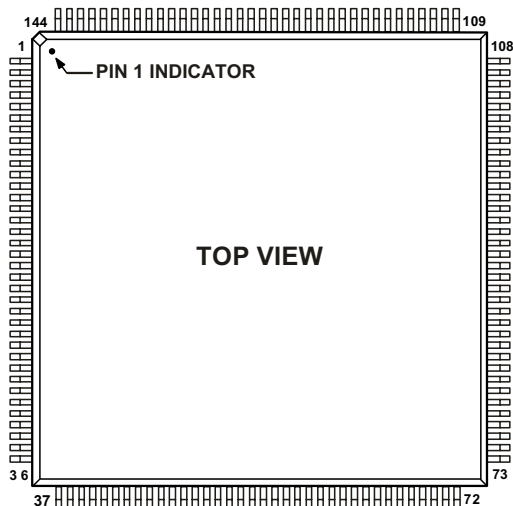


① ② ③ ④ ⑤

Internal connection diagram



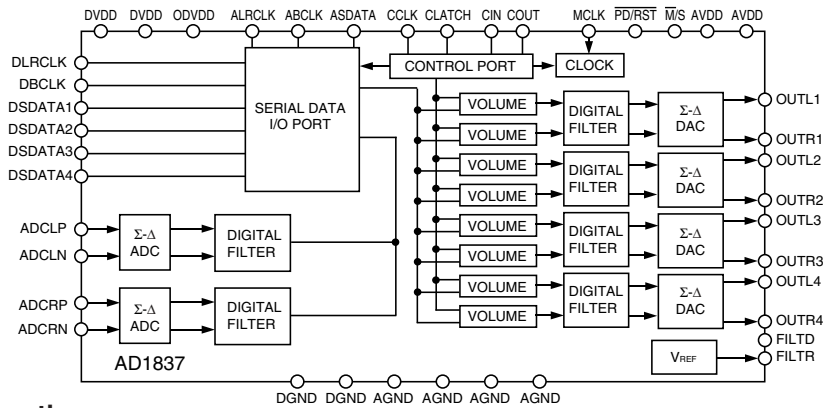
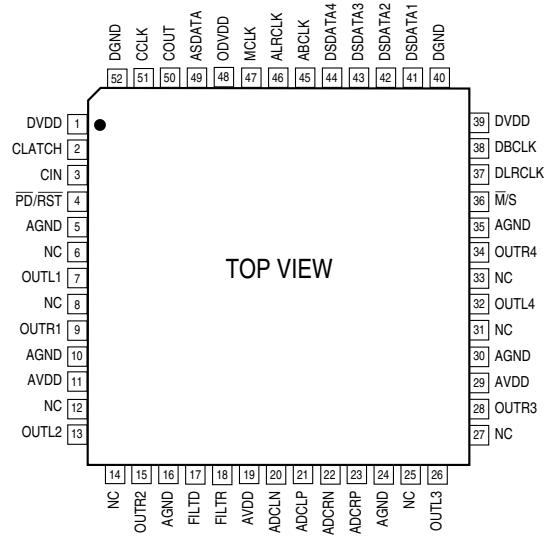
ADSP-21266SKSTZ-2B (IC804)



ADSP-21266SKSTZ-2B Terminal Function

Pin Name	LQFP Pin #	Pin Name	LQFP Pin #	Pin Name	LQFP Pin #	Pin Name	LQFP Pin #
V <sub>DDINT</sub>	1	V <sub>DDINT</sub>	37	V <sub>DDEXT</sub>	73	GND	109
CLKCFG0	2	GND	38	GND	74	V <sub>DDINT</sub>	110
CLKCFG1	3	$\overline{RD}$	39	V <sub>DDINT</sub>	75	GND	111
BOOTCFG0	4	ALE	40	GND	76	V <sub>DDINT</sub>	112
BOOTCFG1	5	AD15	41	DAI_P10 (SD2B)	77	GND	113
GND	6	AD14	42	DAI_P11 (SD3A)	78	V <sub>DDINT</sub>	114
V <sub>DDEXT</sub>	7	AD13	43	DAI_P12 (SD3B)	79	GND	115
GND	8	GND	44	DAI_P13 (SCLK23)	80	V <sub>DDEXT</sub>	116
V <sub>DDINT</sub>	9	V <sub>DDEXT</sub>	45	DAI_P14 (SFS23)	81	GND	117
GND	10	AD12	46	DAI_P15 (SD4A)	82	V <sub>DDINT</sub>	118
V <sub>DDINT</sub>	11	V <sub>DDINT</sub>	47	V <sub>DDINT</sub>	83	GND	119
GND	12	GND	48	GND	84	V <sub>DDINT</sub>	120
V <sub>DDINT</sub>	13	AD11	49	GND	85	<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 <sub>DDINT</sub>	124
AD7	17	DAI_P1 (SD0A)	53	DAI_P19 (SCLK45)	89	SPICLK	125
GND	18	V <sub>DDINT</sub>	54	V <sub>DDINT</sub>	90	MISO	126
V <sub>DDINT</sub>	19	GND	55	GND	91	MOSI	127
GND	20	DAI_P2 (SD0B)	56	GND	92	GND	128
V <sub>DDEXT</sub>	21	DAI_P3 (SCLK0)	57	V <sub>DDEXT</sub>	93	V <sub>DDINT</sub>	129
GND	22	GND	58	DAI_P20 (SFS45)	94	V <sub>DDEXT</sub>	130
V <sub>DDINT</sub>	23	V <sub>DDEXT</sub>	59	GND	95	A <sub>VDD</sub>	131
AD6	24	V <sub>DDINT</sub>	60	V <sub>DDINT</sub>	96	A <sub>VSS</sub>	132
AD5	25	GND	61	FLAG2	97	GND	133
AD4	26	DAI_P4 (SFS0)	62	FLAG3	98	CLKOUT	134
V <sub>DDINT</sub>	27	DAI_P5 (SD1A)	63	V <sub>DDINT</sub>	99	EMU	135
GND	28	DAI_P6 (SD1B)	64	GND	100	TDO	136
AD3	29	DAI_P7 (SCLK1)	65	V <sub>DDINT</sub>	101	TDI	137
AD2	30	V <sub>DDINT</sub>	66	GND	102	TRST	138
V <sub>DDEXT</sub>	31	GND	67	V <sub>DDINT</sub>	103	TCK	139
GND	32	V <sub>DDINT</sub>	68	GND	104	TMS	140
AD1	33	GND	69	V <sub>DDINT</sub>	105	GND	141
AD0	34	DAI_P8 (SFS1)	70	GND	106	CLKIN	142
$\overline{WR}$	35	DAI_P9 (SD2A)	71	V <sub>DDINT</sub>	107	XTAL	143
V <sub>DDINT</sub>	36	V <sub>DDINT</sub>	72	V <sub>DDINT</sub>	108	V <sub>DDEXT</sub>	144

AD1837 (IC808)

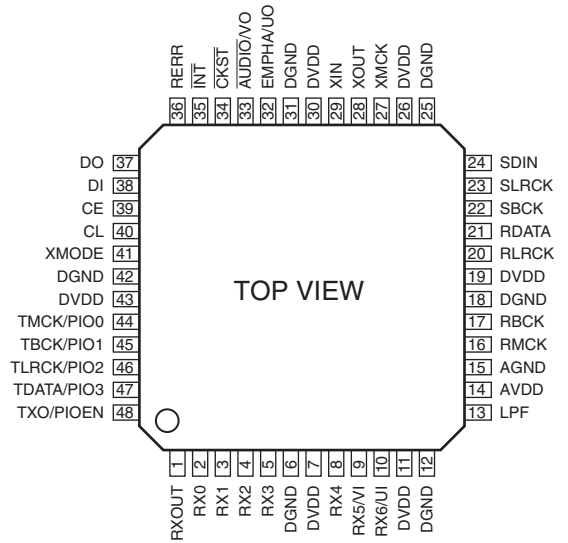
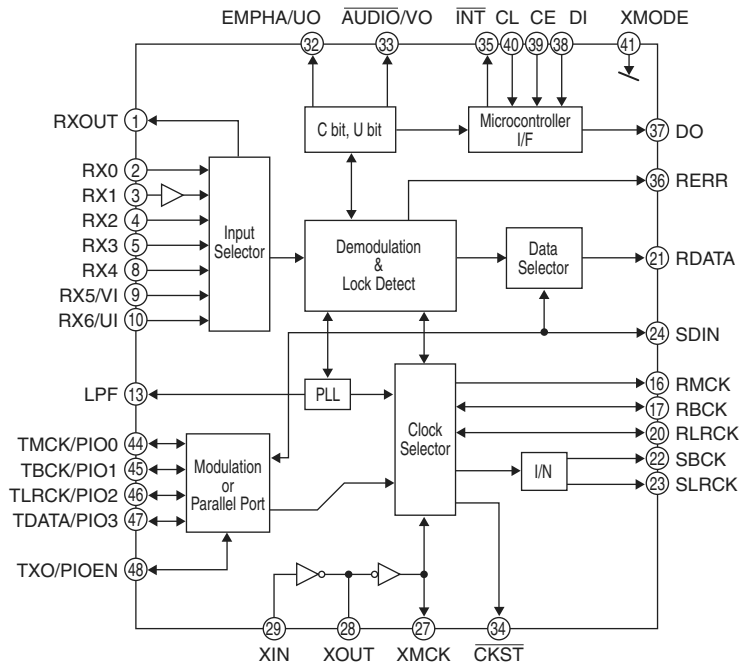


AD1837 Terminal Function

Pin No.	Pin Name	Input/Output	Description
1,39	DVDD		Digital Power Supply. Connect to digital 5V supply.
2	CLATCH	I	Latch Input for Control Data
33	CIN	I	Serial Control Input
4	PD/RST	I	Power-Down/Reset
5,10,16,24,30,35	AGND		Analog Ground
6,12,25,31	NC		Not connected
7,13,26,32	OUTLx	O	DACx Left Channel Output
8,14,27,33	NC		Not connected
9,15,28,34	OUTRx	O	DACx Right Channel Output
11,19,29	AVDD		Analog Power Supply. Connect to analog 5V supply.
17	FILTD		Filter Capacitor Connection. Recommend 10μF/100nF.
18	FILTR		Reference Filter Capacitor Connection. Recommended 10μF/100nF.
20	ADCLN	I	ADC Left Channel Negative Input
21	ADCLP	I	ADC Left Channel Positive Input
22	ADCRN	I	ADC Right Channel Negative Input
23	ADCRP	I	ADC Right Channel Positive Input
36	M/S	I	ADC Master/Slave Select
37	DLRCLK	I/O	DAC LR Clock
38	DBCLK	I/O	DAC Bit Clock
40,52	DGND		Digital Ground
41-44	DSDATAx	I	DACx Input Data (Left and Right Supply)
45	ABCLK	I/O	ADC Bit Clock
46	ALRCLK	I/O	ADC LR Clock
47	MCLK	I	Master Clock Input
48	ADVDD		Digital Output Driver Power Supply
49	ASDATA	O	ADC Serial Data Output
50	COUT	O	Output for Control Data
51	CCLK	I	Control Clock Input for Control Data



LC89057W (IC807)



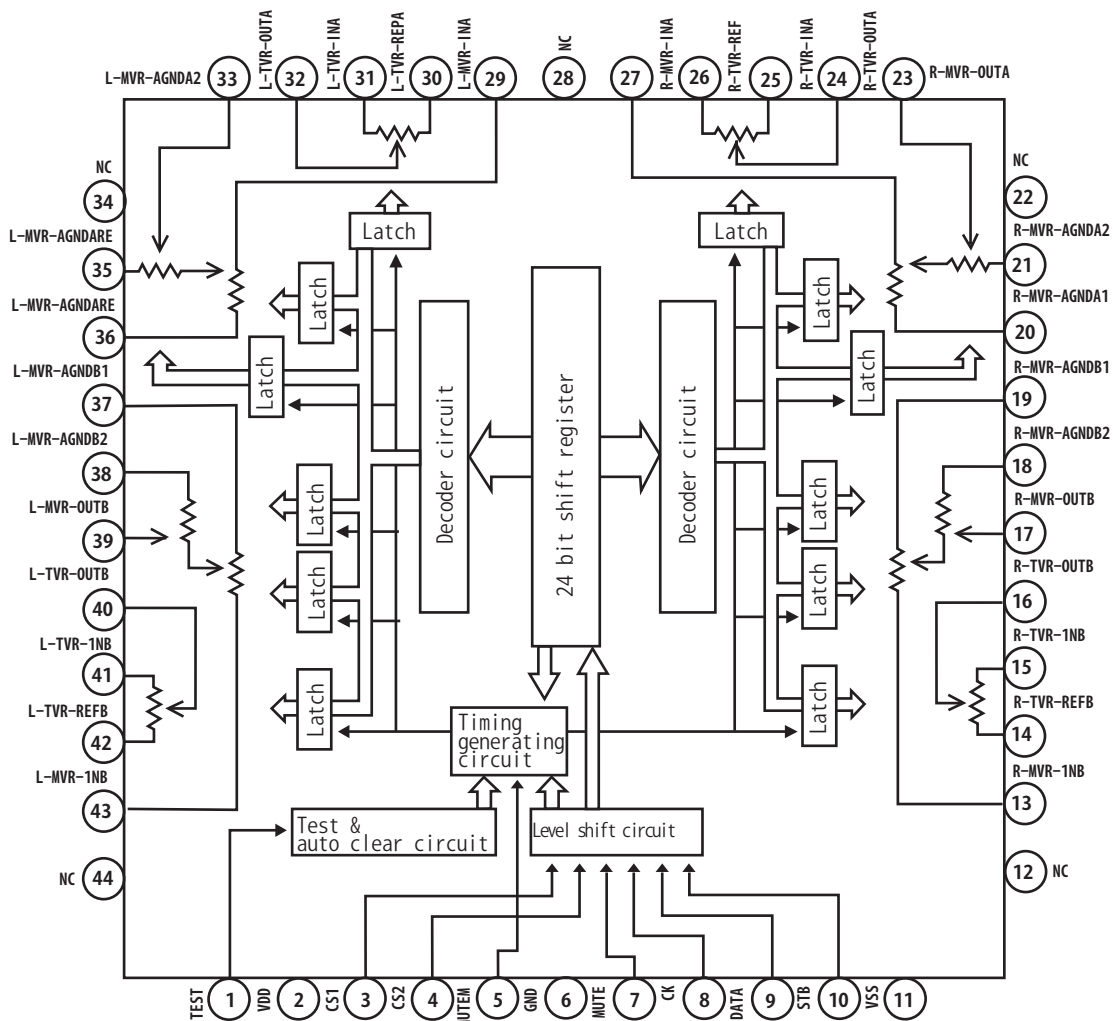
LC89057W Terminal Function

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 $\mu$ com (Interrupt factor selectable)/Modulation or general I/O switching terminal
36	RERR	O	PLL lock error, data error flag output
37	DO	O	$\mu$ com I/F, read out data output terminal (3-state)
38	DI	I	$\mu$ com I/F, write data input terminal
39	CE	I	$\mu$ com I/F, chip enable input terminal
40	CL	I	$\mu$ 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

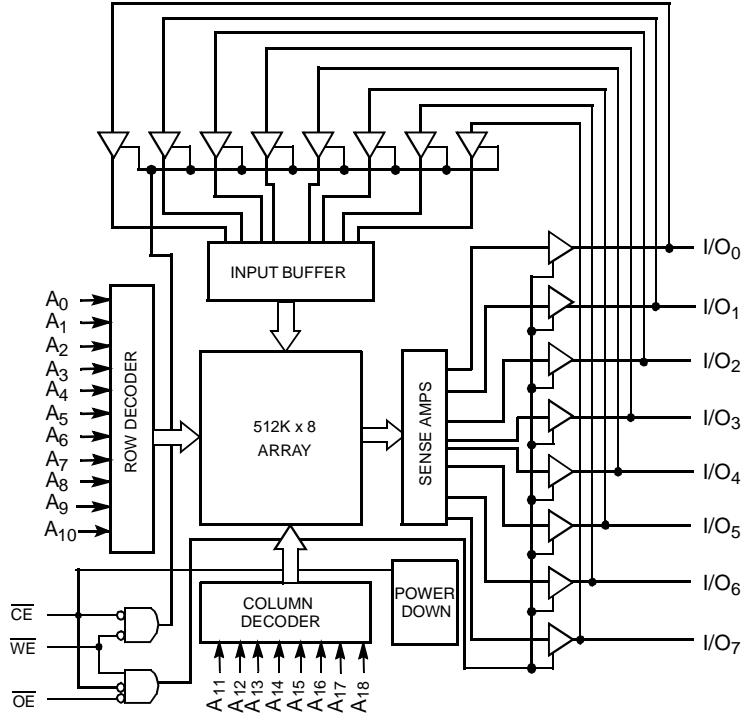
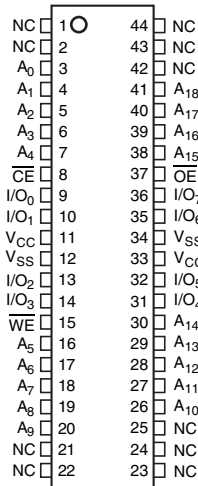
\* For latch-up countermeasure, perform each power supply ON/OFF in the same timing.

**TC94A27UG (IC201T,202T)**

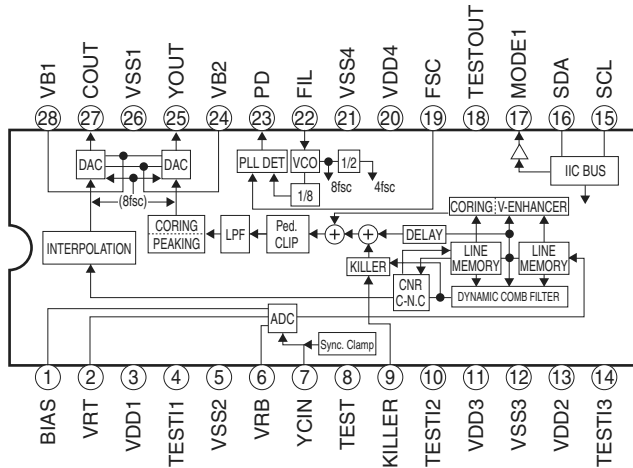


AS7C34096A-10TCN (IC806,817)

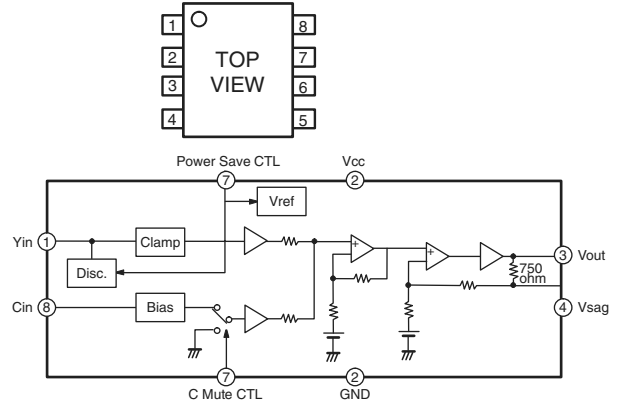
Top View



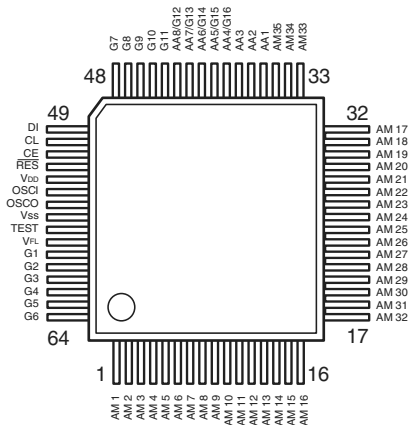
TC90A69F (IC1009)



NJM2274R (IC1007)



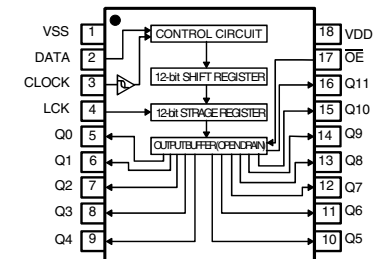
LC75721 (IC301)



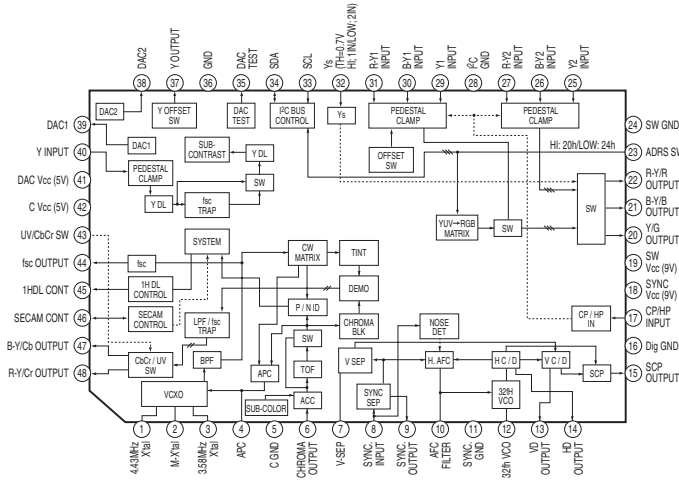
LC75721E Terminal Function

Symbol	Function
V <sub>DD</sub>	Power terminal +5V
V <sub>SS</sub>	Power terminal GND
V <sub>FL</sub>	Power terminal FL drive
DI	Serial data transfer terminal
CL	DI: Data
CE	CL: Clock
CE	CE: Chip enable
OSC1	External CR connecting terminal
OSC2	
RES	System reset terminal
AM1~AM35	Anode/Grid output terminal
AA1~AA3	
AA4/G16	
AA5/G15	
AA6/G14	Anode/Grid output terminal
AA7/G13	
AA8/G12	
G1~G11	Grid output terminal
TEST	LSI test terminal

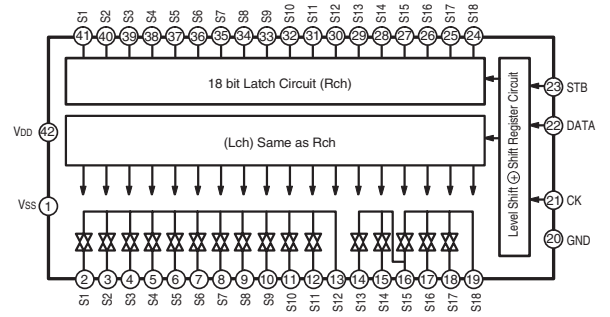
BU2090 (IC302,1003,1005)



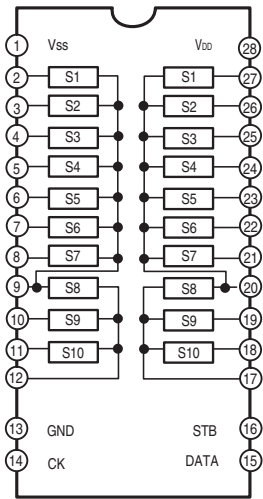
TA1270BF (IC1154)



TC9274N-011 (IC701)



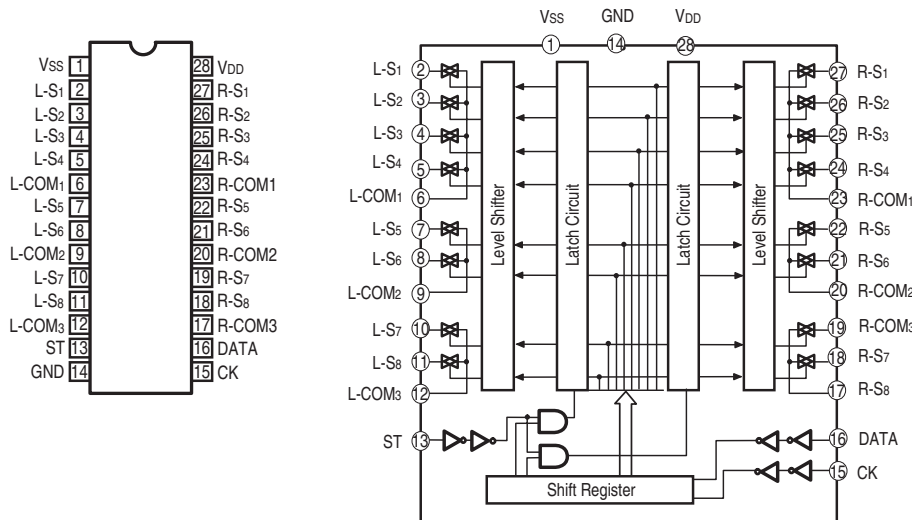
TC9273N-004 (IC705)



TC9273N Terminal Function

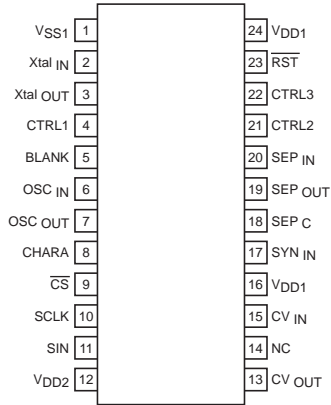
Pin No	Symbol	Name	Function	
1	Vss	+Power Terminal	Dual Power Use: VDD = 8.0~17 V Single Power Use: VDD = 8.0~18V GND=0V Vss=8.0~-17V	
13	GND	Digital Ground		
28	VDD	+Power Terminal		
2~12 12~27	S1~S10	I/O Terminal	Input terminal of analog switch.	
14	CK	Clock Input	Clock input for data transfer.	Low level Border Input Terminal
15	DATA	Data Input	Serial input for switch setting.	
16	STB	Strobe Input	Strobe Input Strobe input for data writing.	

TC9164 (IC203T)

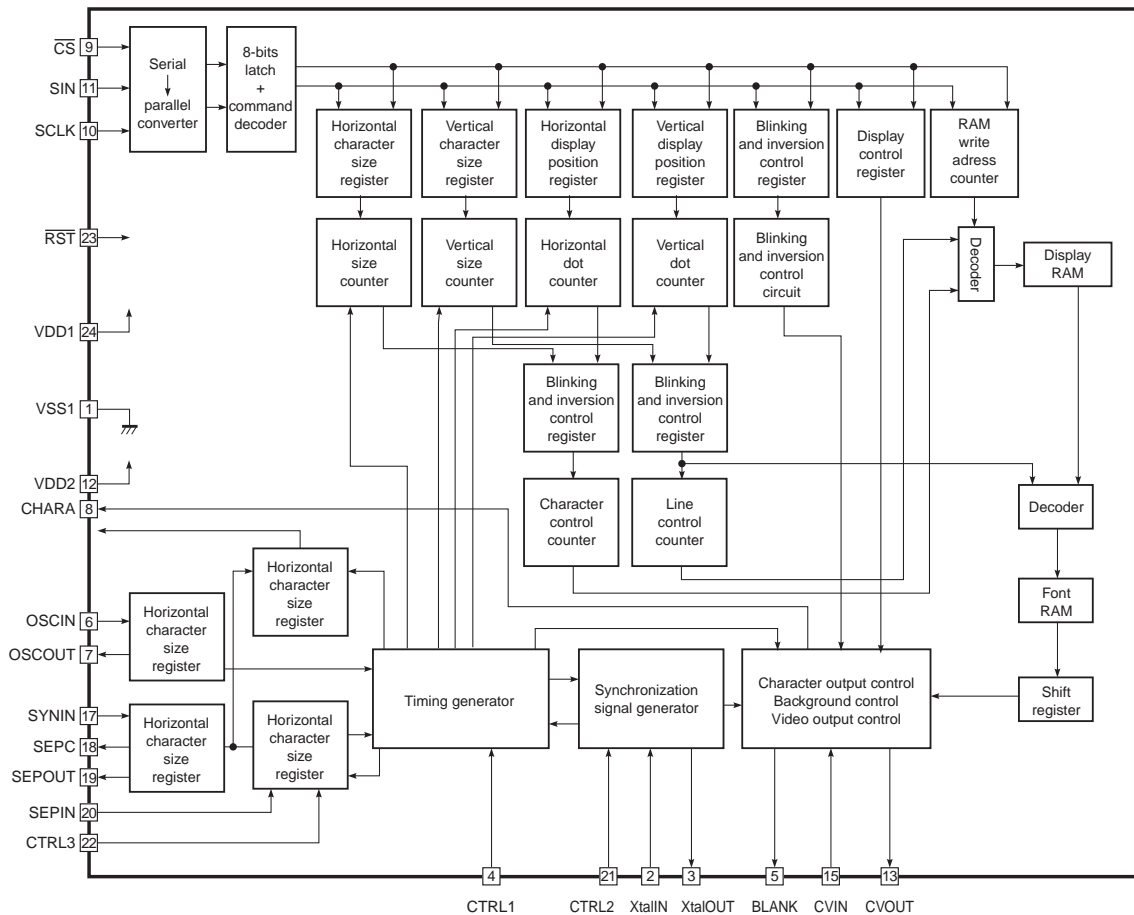


LC74781 (IC1006)

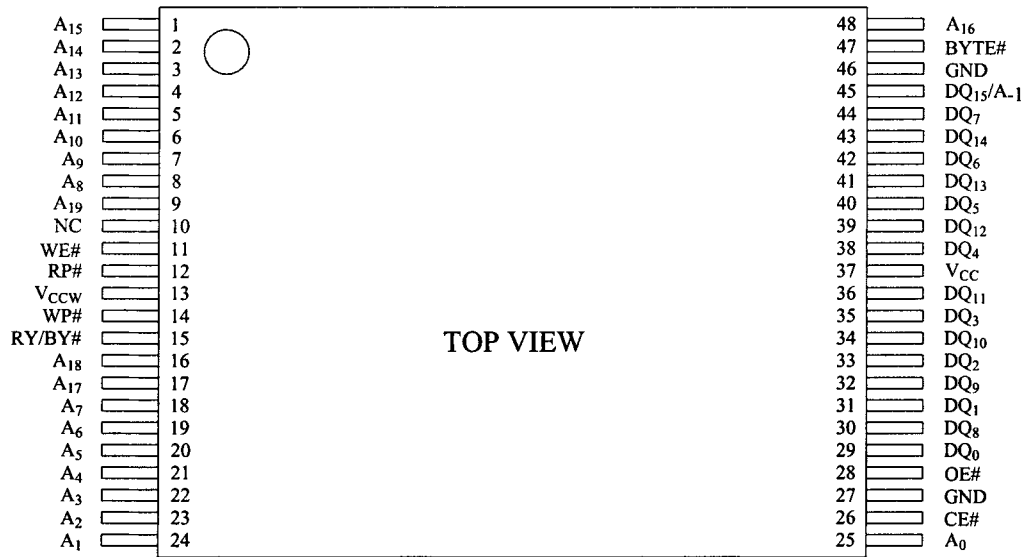
LC74781 Terminal Function



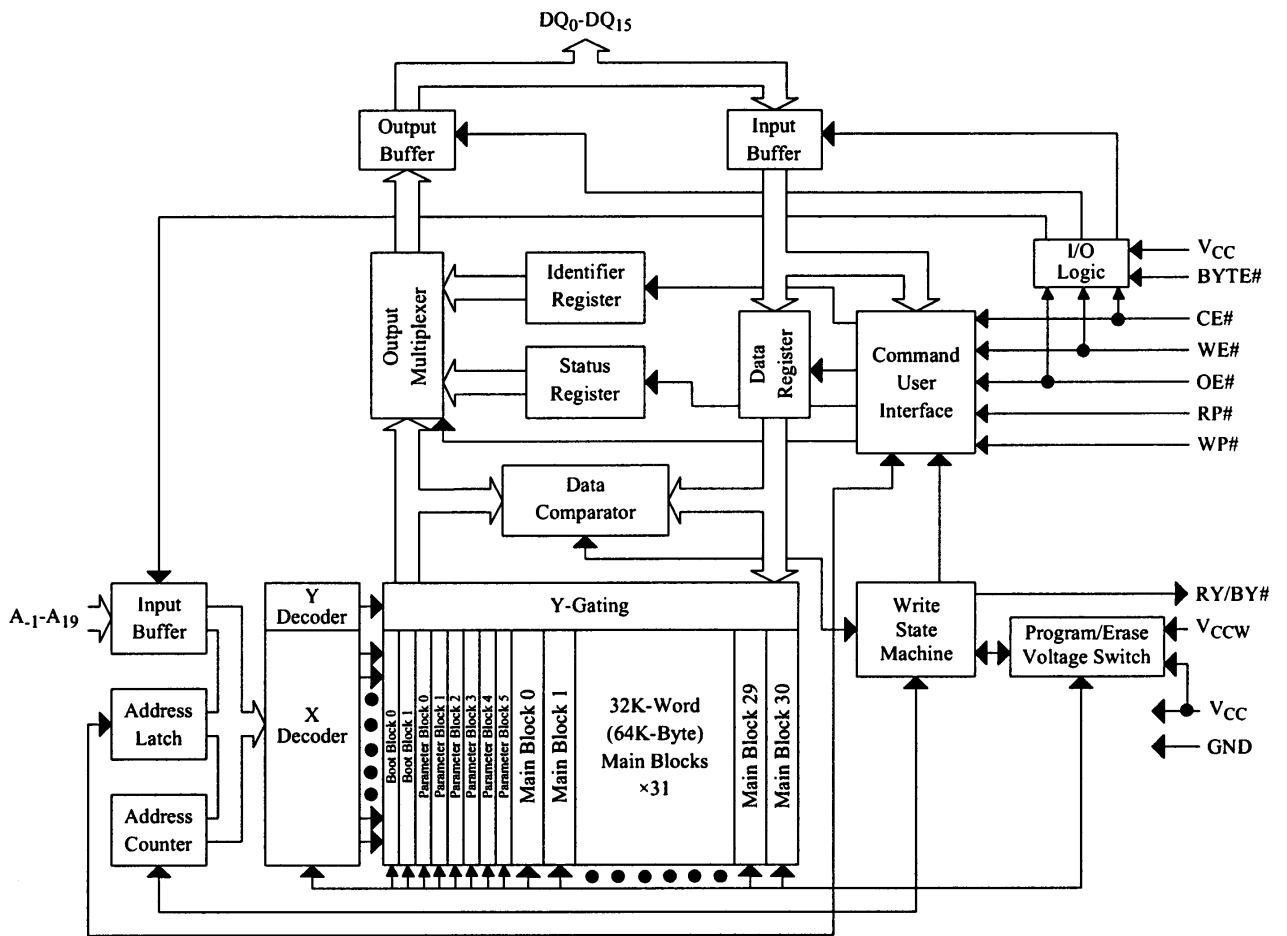
Pin No.	Symbol	Name
1	VSS1	GND
2	Xtal IN	Xtal oscillation
3	Xtal OUT	Xtal oscillation
4	CTRL1	Xtal oscillation input switching
5	BLANK	Blank output
6	OSC IN	LC oscillation
7	OSC OUT	LC oscillation
8	CHARA	Character output
9	CS	Enable input
10	SCLK	Clock input
11	SIN	Data input
12	VDD2	Power
13	CV OUT	VIDEO signal output
14	NC	
15	CV IN	VIDEO signal input
16	VDD1	Power
17	SYN IN	Sync. separate circuit input
18	SEP C	Sync. separate circuit bias voltage
19	SEP OUT	Complex sync. signal output
20	SEP IN	Vertical sync. signal input
21	CTRL2	NTSC/PAL-M switching input
22	CTRL3	SEP IN input control
23	RST	Reset input
24	VDD1	Power (+5V)



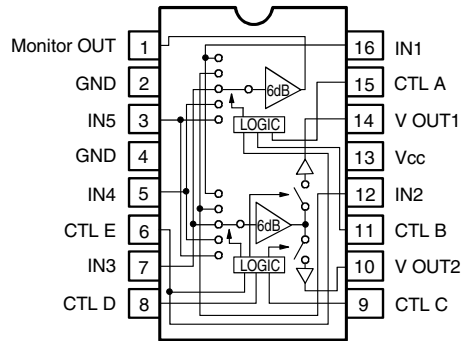
LH28F800BJE (IC805)  
LH28F160BJE (IC805)



LH28F160BJE Block Diagram



**BA7626 (IC1000,1002,1150~1153)**



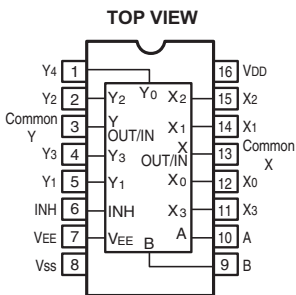
A	B	E	MONITOR OUT
L	L	*	IN 1
H	L	*	IN 2
L	H	*	IN 3
H	H	L	IN 4
H	H	H	IN 5

C	D	E	V OUT 1
L	L	*	—
H	L	*	IN 2
L	H	*	IN 3
H	H	L	IN 4
H	H	H	IN 5

C	D	E	V OUT 2
L	L	*	IN 1
H	L	*	—
L	H	*	IN 3
H	H	L	IN 4
H	H	H	IN 5

Note 1: \* mark means that feasible for either H or L.  
 Note 2: Each input terminal is provided with sink chip clamp (BA7625).  
 Each input terminal takes 20kohm at the end (BA7626).

**BU4052BCF (IC601D,602D)**

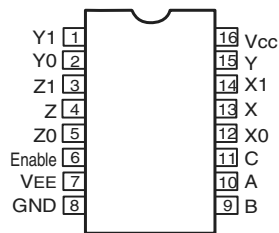


**FUNCTION TABLE**

INH	A	B	ON SWITCH
L	L	L	X <sub>0</sub> Y <sub>0</sub>
L	H	L	X <sub>1</sub> Y <sub>1</sub>
L	L	H	X <sub>2</sub> Y <sub>2</sub>
L	H	H	X <sub>3</sub> Y <sub>3</sub>
H	X	X	NONE

X: Don't Care

**MM74HC4053MX (IC1001,1004,1008)**

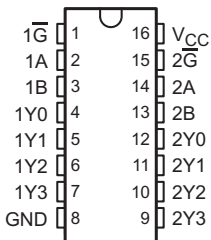


**Truth Table**

Enable	Control Inputs			ON Switches
	Select			
	C	B	A	
L	L	L	L	Z <sub>0</sub> Y <sub>0</sub> X <sub>0</sub>
L	L	L	H	Z <sub>0</sub> Y <sub>0</sub> X <sub>1</sub>
L	L	H	L	Z <sub>0</sub> Y <sub>1</sub> X <sub>0</sub>
L	L	H	H	Z <sub>0</sub> Y <sub>1</sub> X <sub>1</sub>
L	H	L	L	Z <sub>1</sub> Y <sub>0</sub> X <sub>0</sub>
L	H	L	H	Z <sub>1</sub> Y <sub>0</sub> X <sub>1</sub>
L	H	H	L	Z <sub>1</sub> Y <sub>1</sub> X <sub>0</sub>
L	H	H	H	Z <sub>1</sub> Y <sub>1</sub> X <sub>1</sub>
H	X	X	X	None

X = Don't Care

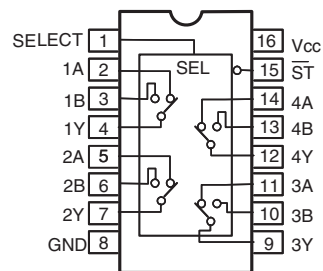
**SN74LVC139A (IC820)**



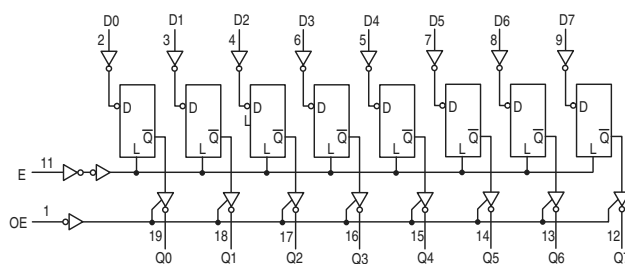
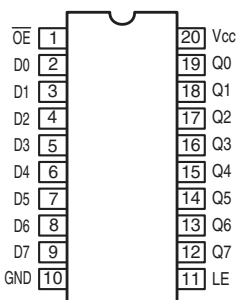
**FUNCTION TABLE**  
(each decoder/demultiplexer)

G	INPUTS		OUTPUTS			
	SELECT		Y <sub>3</sub>	Y <sub>2</sub>	Y <sub>1</sub>	Y <sub>0</sub>
	B	A				
L	L	L	H	H	H	L
L	L	H	H	H	L	H
L	H	L	H	L	H	H
L	H	H	L	H	H	H
H	X	X	H	H	H	H

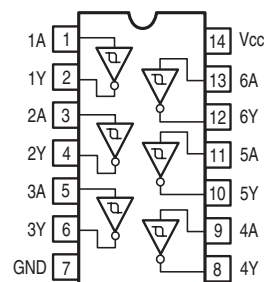
**74LVX157 (IC816)**



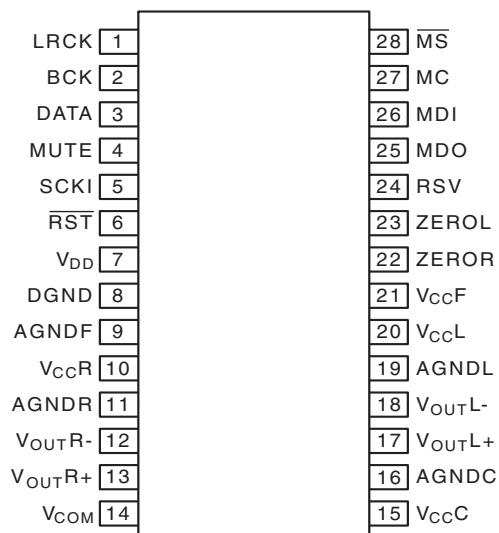
**SN74LV573APW (IC818,819)**



**SN74LV14APW (IC829)**



PCM1791ADBR (IC205X)



PCM1791 Terminal Function

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

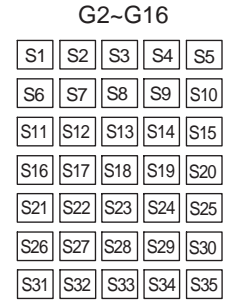
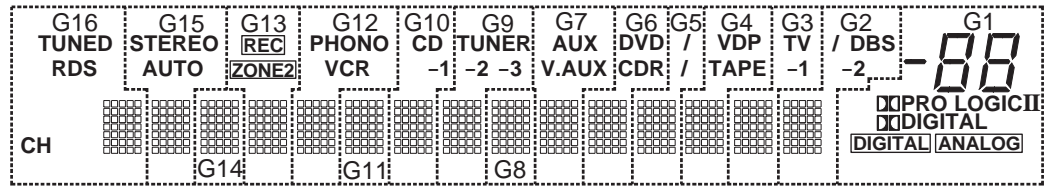
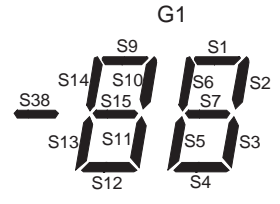
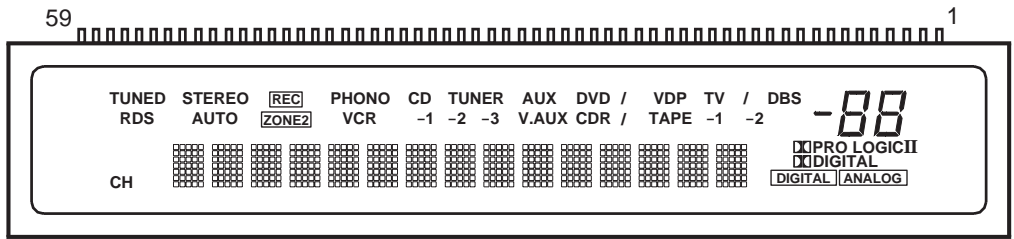
\* Schmitt trigger input, 5V tolerant.

\*\* Tristate output.



## 2. FL DISPLAY

### 16-ST-82GNK (FL301)



### Pin Assignment

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CONNECTION	F1	F1	NP	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17
PIN NO.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CONNECTION	S18	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	S37
PIN NO.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	
CONNECTION	S38	G16	G15	G14	G13	G12	G11	G10	G9	G8	G7	G6	G5	G4	G3	G2	G1	F2	F2	

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

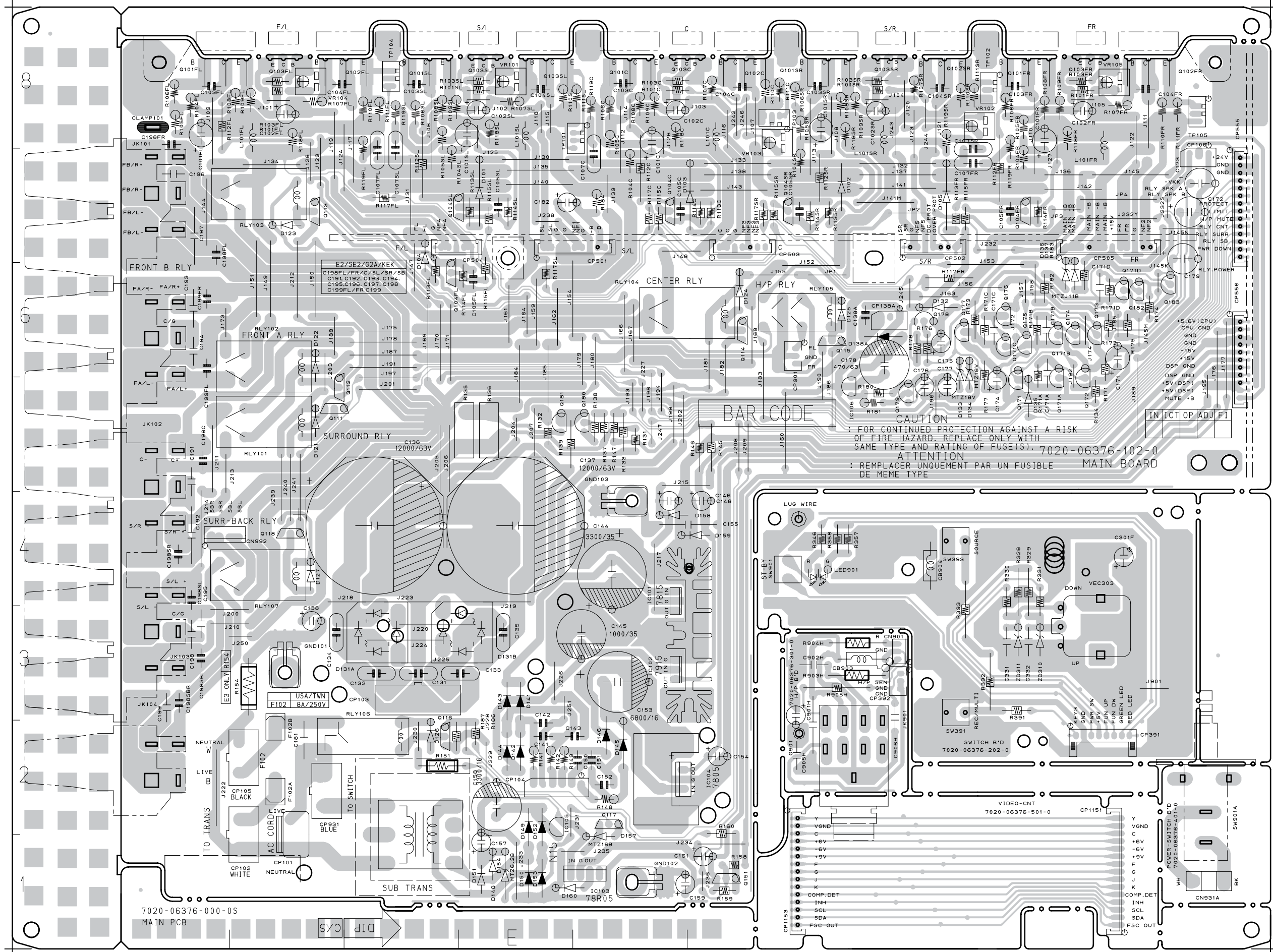
### Anode & Grid Assignment

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

	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16
S36	DIGITAL	/	TV	VDP	/(DVD)	DVD	AUX	---	TUNER	CD	---	PHONO	REC	---	STEREO	TUNED
S37	ANALOG	-2	-1	TAPE	/(CDR)	CDR	V.AUX	---	-2	-1	---	VCR	ZONE2	---	AUTO	RDS
S38	S38	DBS	---	---	---	---	---	---	-3	---	---	---	---	---	---	CH

PRINTED WIRING BOARDS

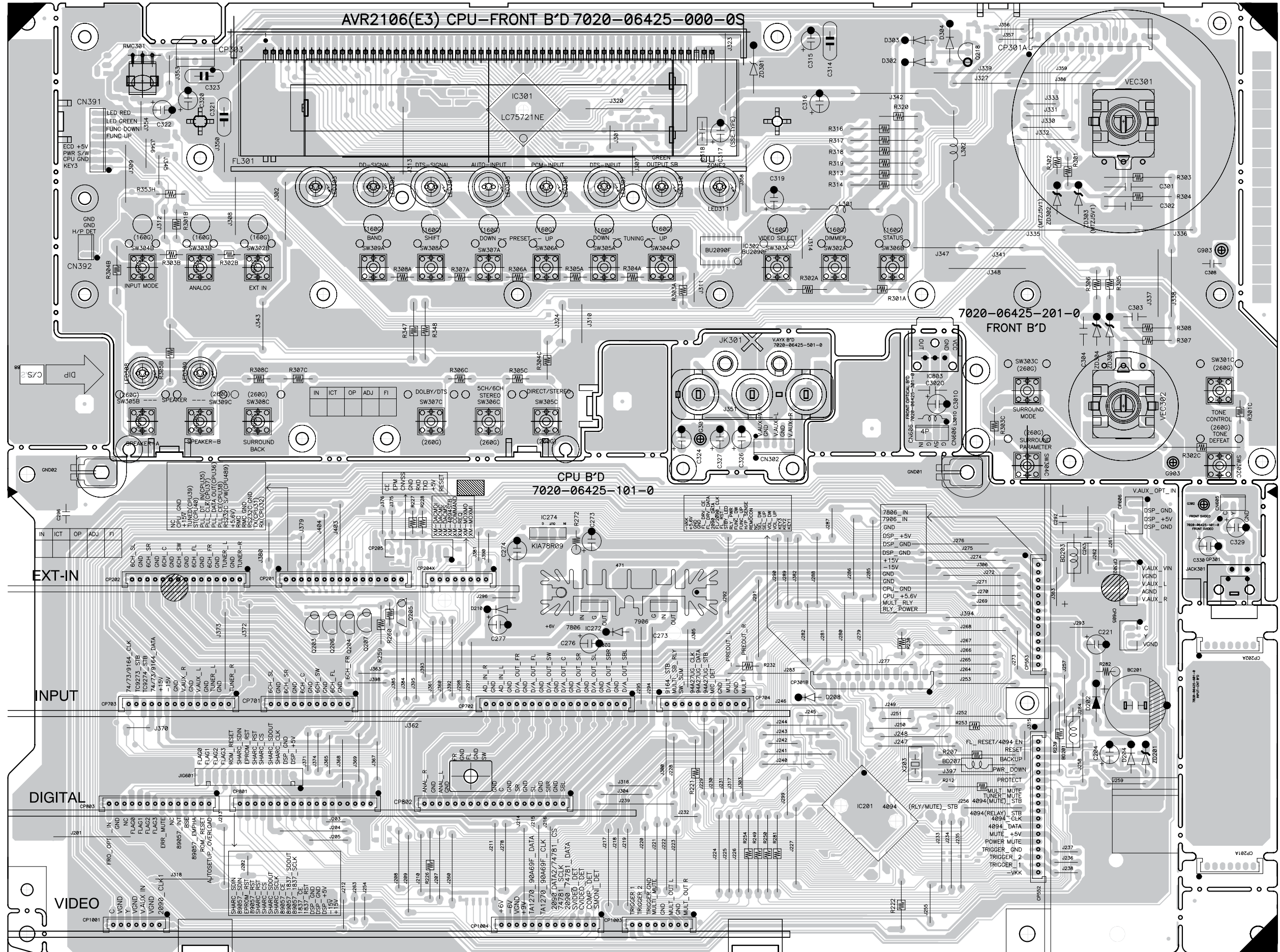
MAIN P.W.B. UNIT

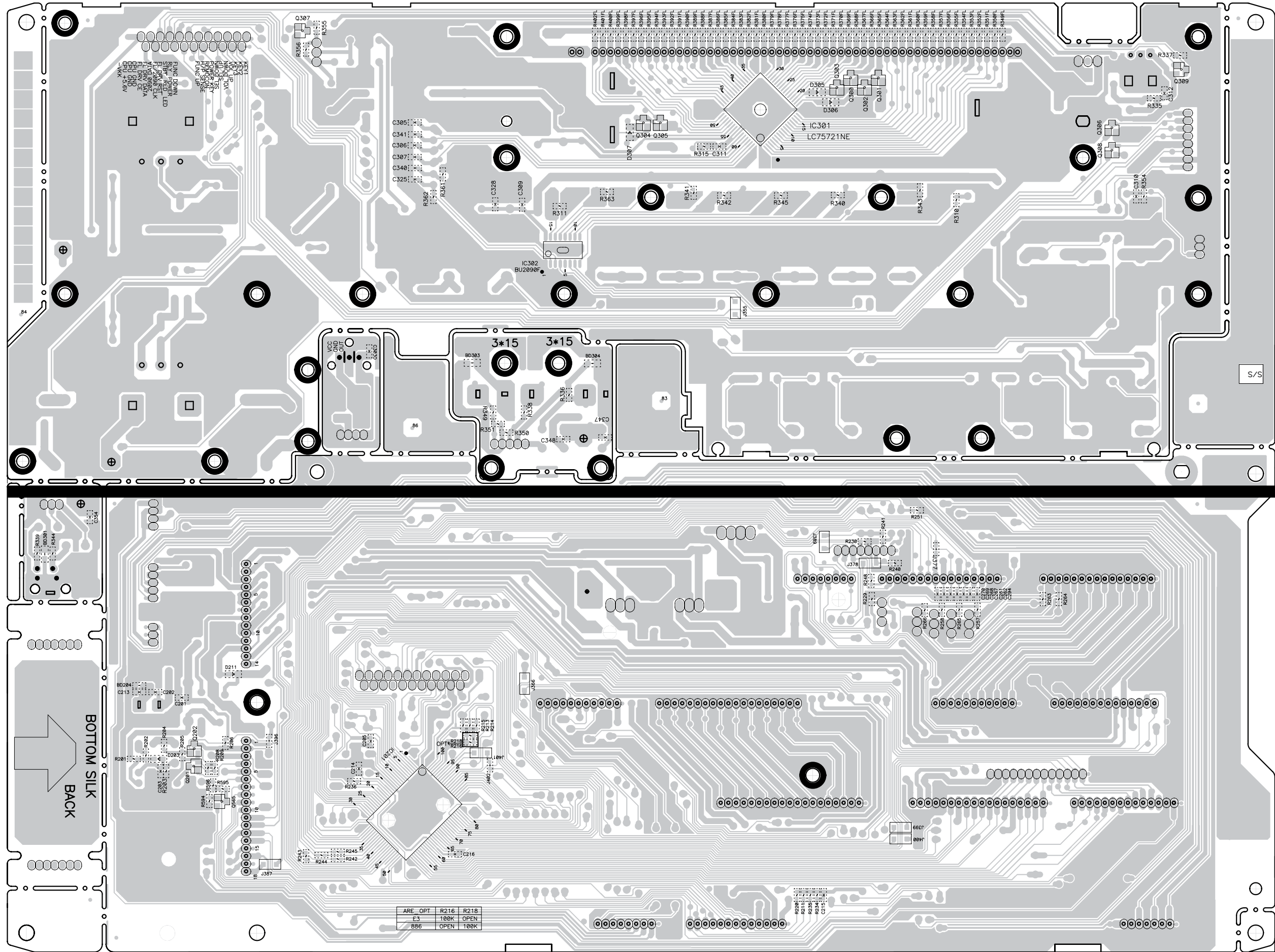


7020-06376-000-05  
MAIN PCB

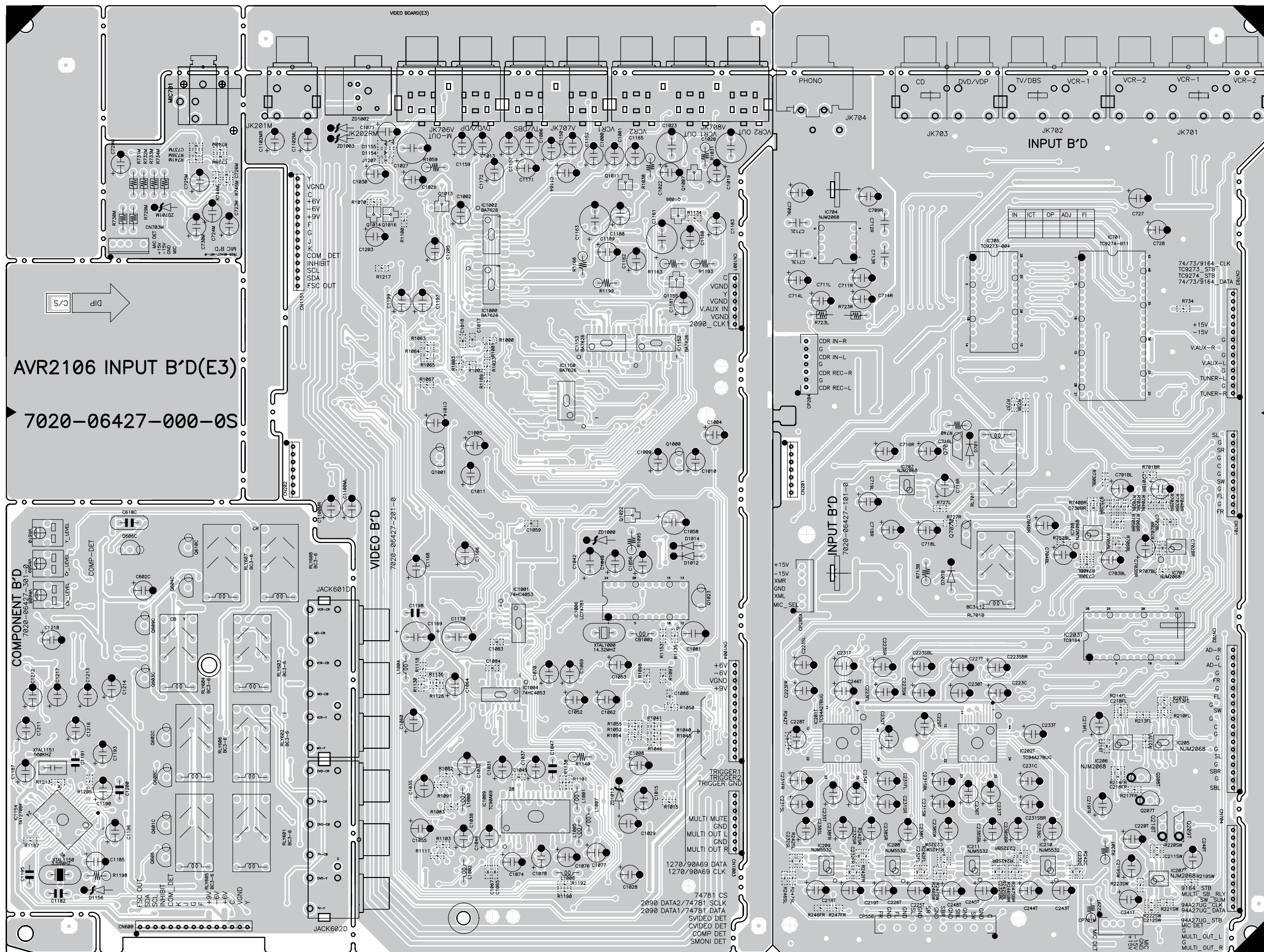
COMPONENT SIDE

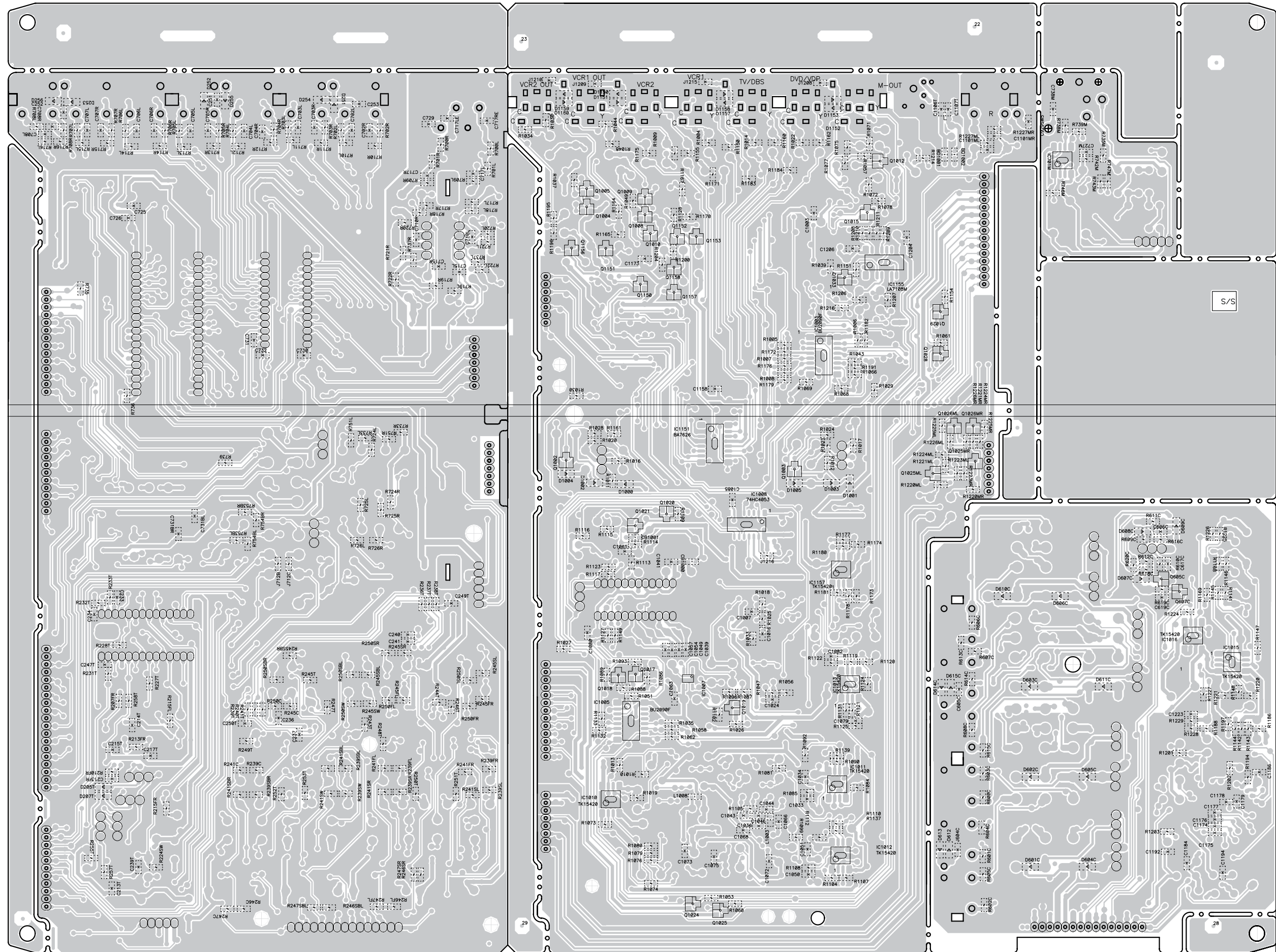
CPU P.W.B. UNIT





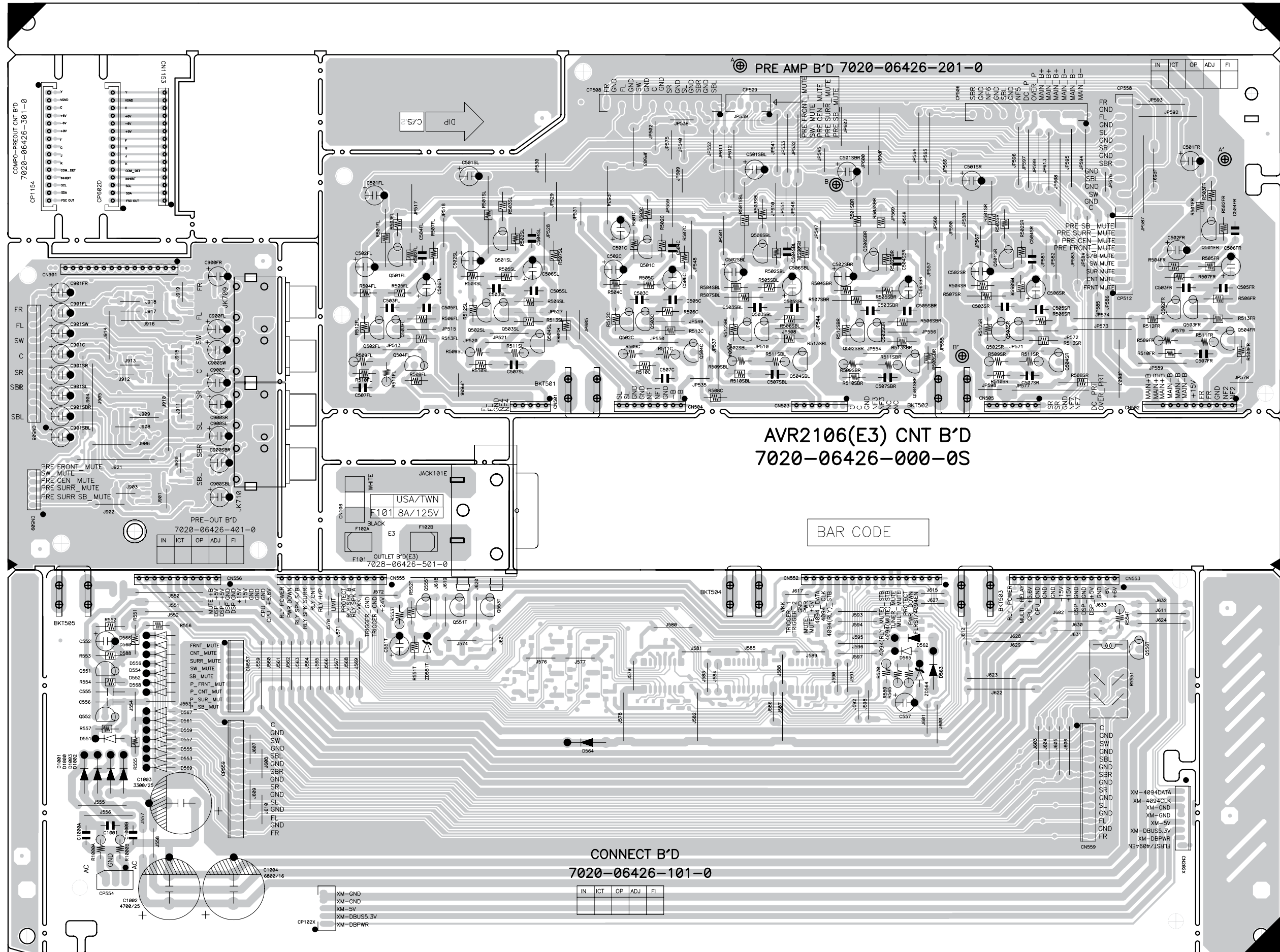
**INPUT P.W.B. UNIT**



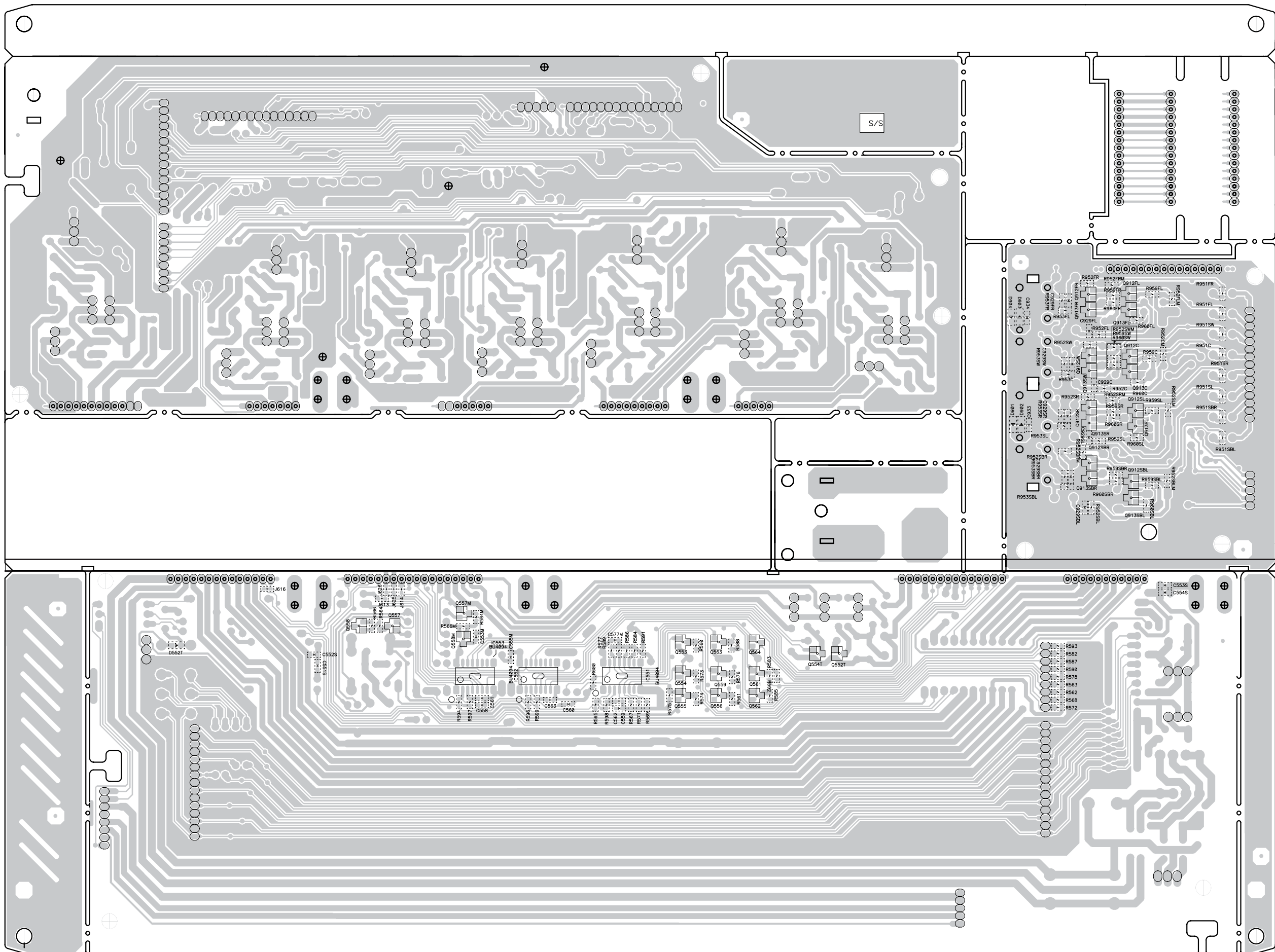


FOIL SIDE

CNT P.W.B. UNIT



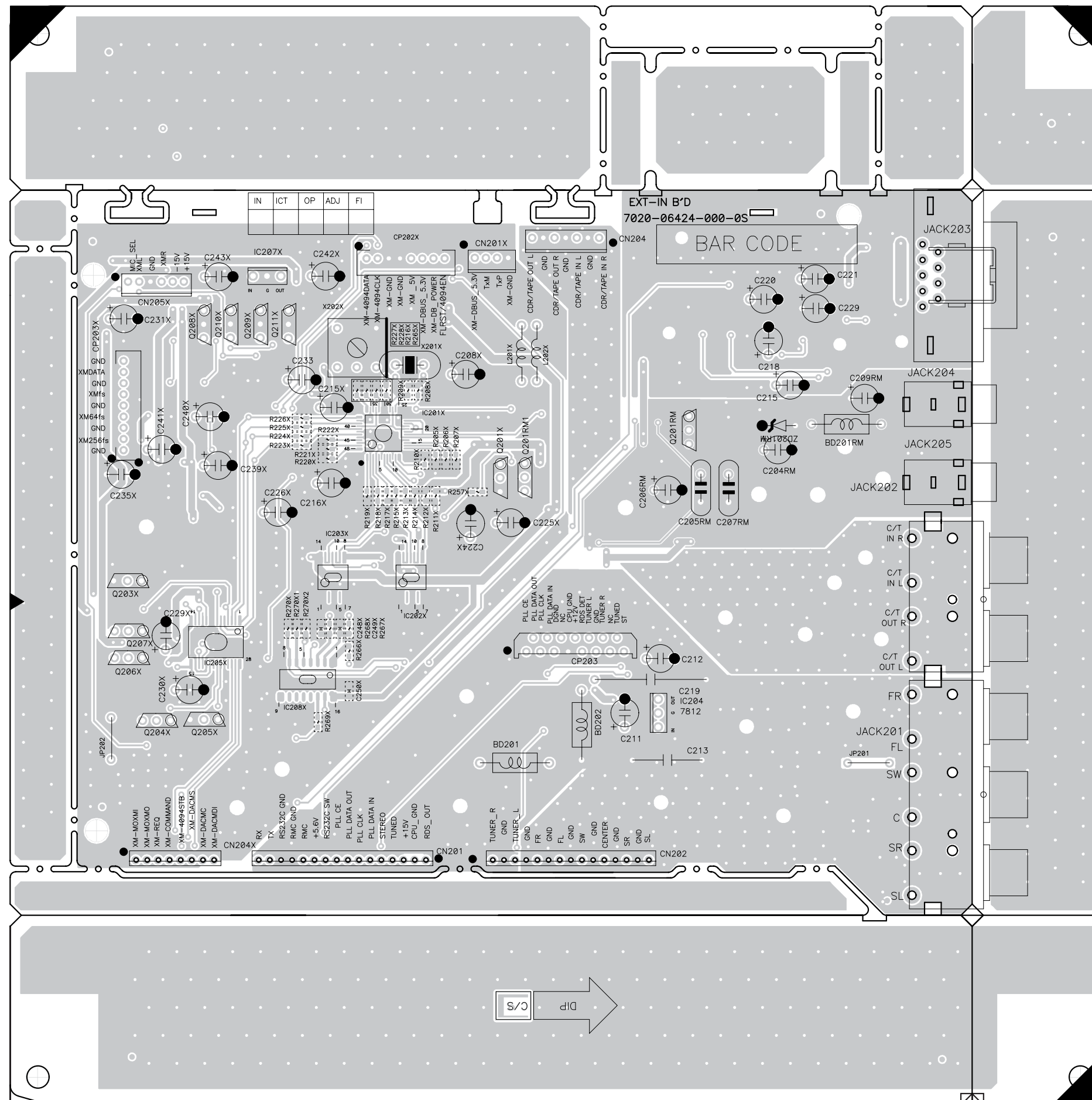
COMPONENT SIDE



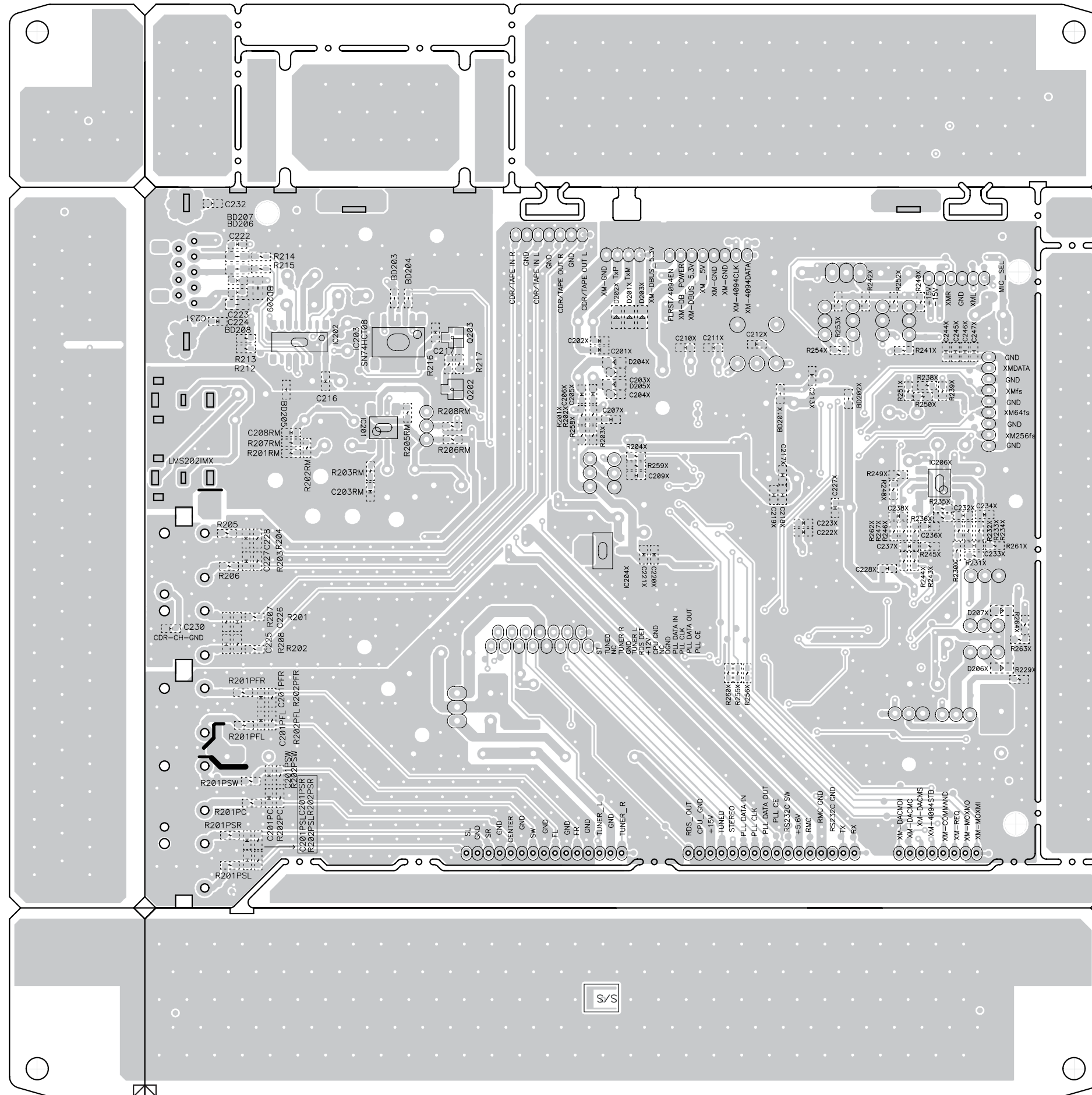
FOIL SIDE



EXT-IN P.W.B. UNIT

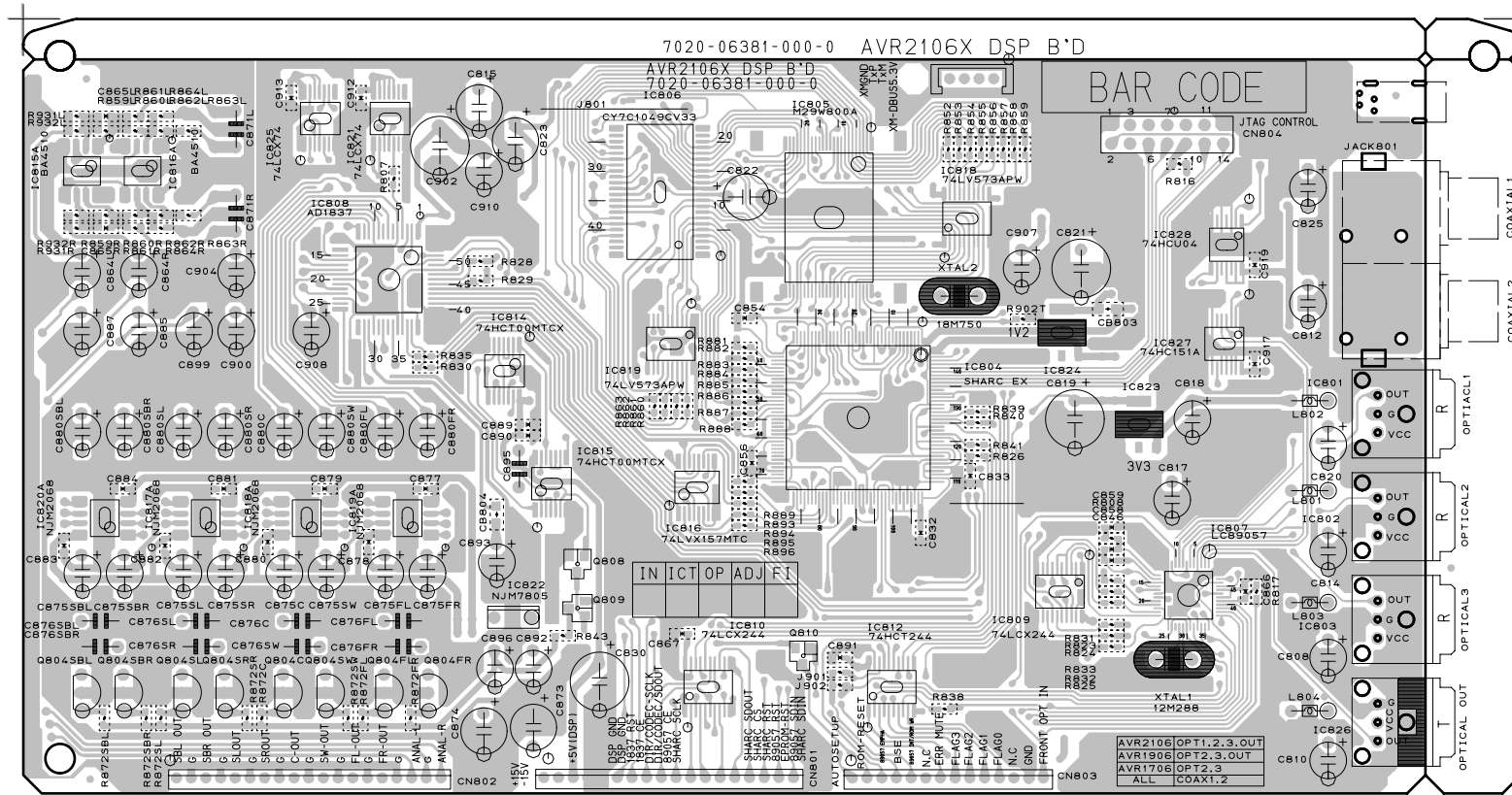


COMPONENT SIDE

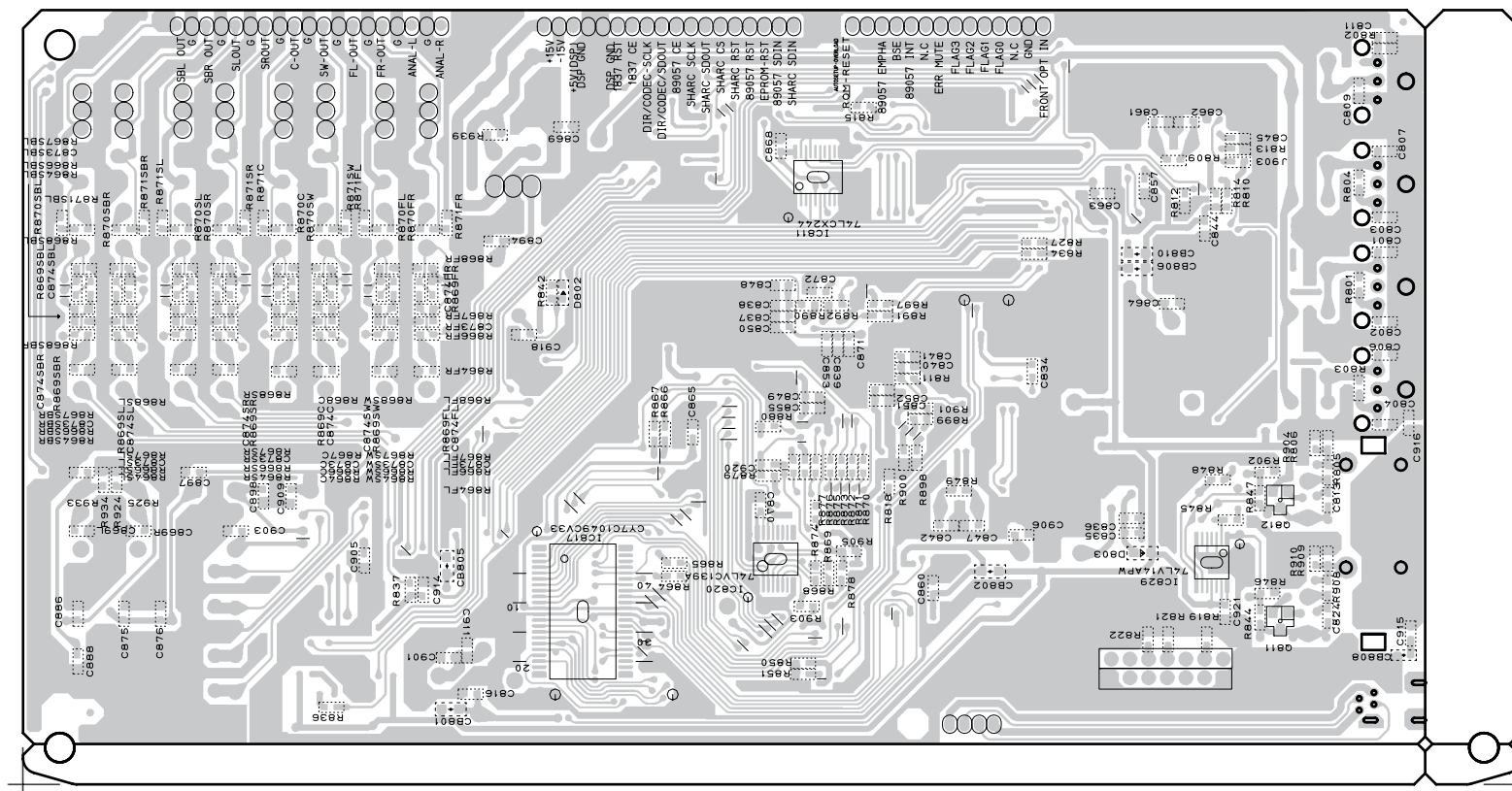


FOIL SIDE

DSP P.W.B. UNIT

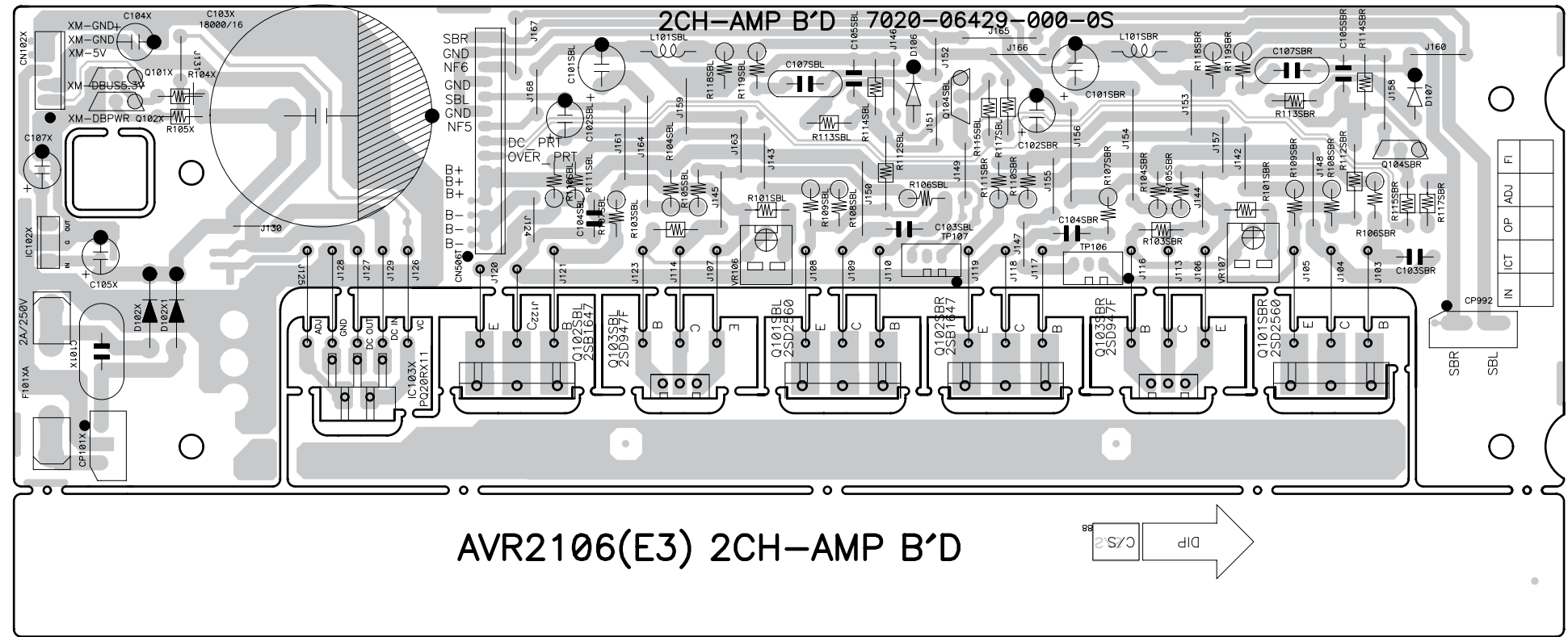


COMPONENT SIDE

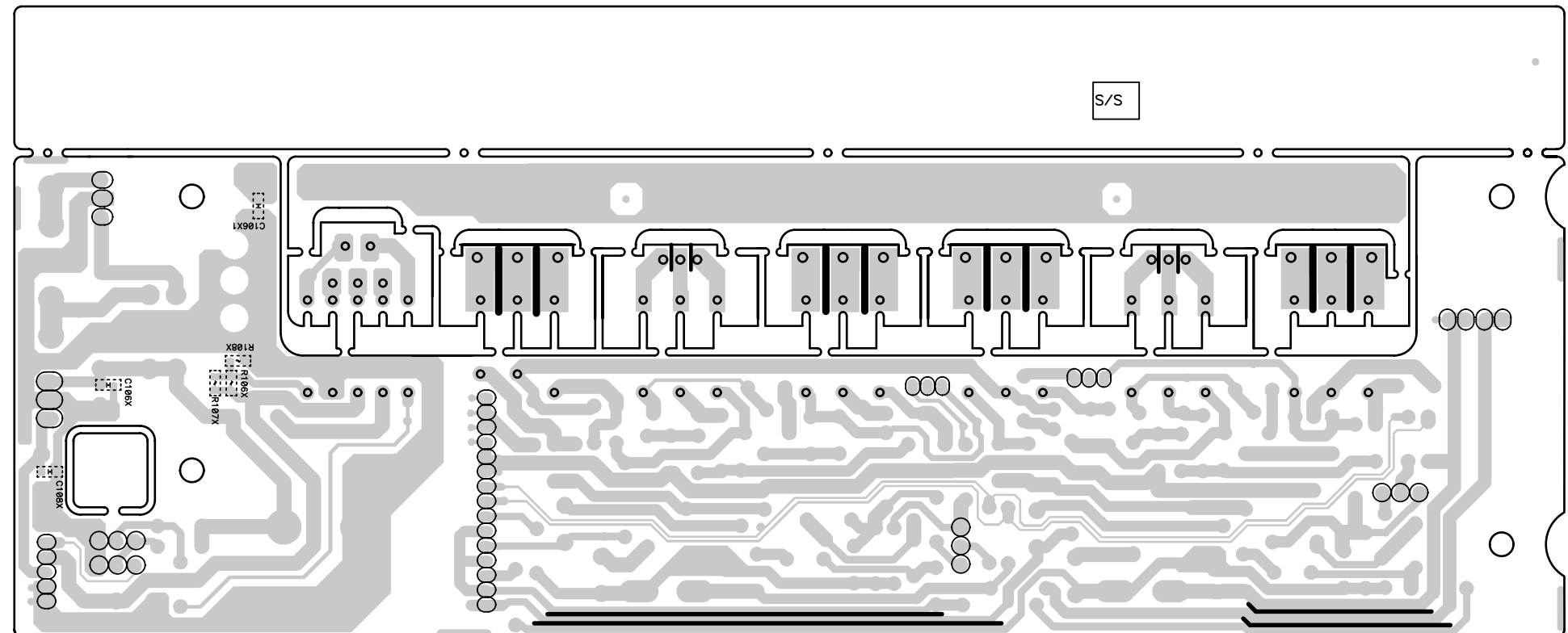


FOIL SIDE

2ch AMP P.W.B. UNIT



COMPONENT SIDE



FOIL SIDE

# NOTE FOR PARTS LIST

- Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
  - When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
  - Ordering part without stating its part number can not be supplied.
  - Part indicated with the mark "★" is not illustrated in the exploded view.
  - Not including Carbon Film Resister ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
  - Not including Carbon Chip Resister 1/16W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- WARNING:**  
Parts marked with this symbol  $\triangle$  have critical characteristics.  
Use ONLY replacement parts recommended by the manufacturer.

## ● Resistors

Ex.: RN 14K 2E 182 G FR

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

### \* Resistance

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

Units: ohm

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

Units: ohm

## ● Capacitors

Ex.: CE 04W 1H 2R2 M BP

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

### \* Capacity (electrolyte only)

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

Units: μF.

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

Units: μF.

### \* Capacity (except electrolyte)

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

Units: pF.

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

Units: pF.

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

# 部品表について

1. 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。
2. 部品を発注する際は特に数字の " 1 " と英字の " I " との区別をはっきり記入してください。
3. 部品番号を表示していない部品は供給できません。
4.  $\triangle$ 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。
5. ★印のついている部品は分解図中には記載していません。
6. カーボン抵抗器 ± 5%、1/4W 型は記載していません。定数は回路図を参照願います。
7. カーボンチップ抵抗器 1/16W 型は記載していません。定数は回路図を参照願います。
8. 部品表の抵抗器、コンデンサの品名記号の読み方は表を参照してください。

## ● 抵抗器

例) RN 14K 2E 182 G FR

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

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

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

## ● コンデンサ

例) CE 04W 1H 2R2 M BP

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 : 100V	-20%	C : CSA 部品		
CM : マイカ	2B : 125V	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

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

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

#### ● 電解コンデンサ以外の場合

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

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

● 耐圧を交流で表示する場合は、耐圧表示の次に「AC」を表示します。

# PARTS LIST OF P.W.B. UNIT

\* 本表に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.  
 E3 : U.S.A. & Canada model (AVR-2106)  
 E3 : U.S.A. & Canada model (AVR-686)

## MAIN P.W.B. UNIT ASS'Y

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>							
	IC101		00D 963 0219 408	IC CJ7815			
	IC102		00D 963 0219 505	IC CJ7915F			
	IC103		00D 963 0057 806	IC KIA78R05PI			
	IC104		00D 963 0219 204	IC CJ7805			
⚠	IC105		00D 960 0195 808	IC, ICP-N15			
⚠	IC106		00D 960 0195 808	IC, ICP-N15			
	Q104C		00D 960 0196 506	TR KSC1845F			
	Q104FL		00D 960 0196 506	TR KSC1845F			
	Q104FR		00D 960 0196 506	TR KSC1845F			
	Q104SL		00D 960 0196 506	TR KSC1845F			
	Q104SR		00D 960 0196 506	TR KSC1845F			
	Q111		00D 963 0121 208	TR KRC107M			
	Q112		00D 963 0121 208	TR KRC107M			
	Q113		00D 963 0121 208	TR KRC107M			
	Q114		00D 963 0121 208	TR KRC107M			
	Q115		00D 963 0121 208	TR KRC107M			
	Q116		00D 960 0196 409	TR 2SC1740SR			
	Q117		00D 963 0121 208	TR KRC107M			
	Q118		00D 963 0121 208	TR KRC107M			
	Q151		00D 960 0196 409	TR 2SC1740SR			
	Q171		00D 960 0196 700	TR KTC3200BL			
	Q171A		00D 960 0196 302	TR KTA1268BL			
	Q171B		00D 960 0196 302	TR KTA1268BL			
	Q171C		00D 960 0196 302	TR KTA1268BL			
	Q171D		00D 960 0196 302	TR KTA1268BL			
	Q172		00D 960 0196 700	TR KTC3200BL			
	Q173		00D 960 0196 700	TR KTC3200BL			
	Q174		00D 960 0196 700	TR KTC3200BL			
	Q175		00D 960 0196 700	TR KTC3200BL			
	Q176		00D 960 0196 700	TR KTC3200BL			
	Q177		00D 960 0196 700	TR KTC3200BL			
	Q178		00D 960 0196 302	TR KTA1268BL			
	Q179		00D 960 0133 103	TR KSA916Y			
	Q180		00D 960 0196 302	TR KTA1268BL			
	Q181		00D 960 0196 302	TR KTA1268BL			
	Q182		00D 960 0196 700	TR KTC3200BL			
	Q183		00D 960 0196 700	TR KTC3200BL			
	D101		00D 963 0020 309	D, 1SS133			
	D102		00D 963 0020 309	D, 1SS133			
	D103		00D 963 0020 309	D, 1SS133			
	D104		00D 963 0020 309	D, 1SS133			
	D105		00D 963 0020 309	D, 1SS133			
	D121		00D 963 0020 309	D, 1SS133			
	D122		00D 963 0020 309	D, 1SS133			
	D123		00D 963 0020 309	D, 1SS133			
	D124		00D 963 0020 309	D, 1SS133			
	D125		00D 963 0020 309	D, 1SS133			
	D126		00D 963 0020 309	D, 1SS133			
	D127		00D 963 0020 309	D, 1SS133			
	D131A		00D 960 0197 107	D, KBPC604			
	D131B		00D 960 0197 107	D, KBPC604			
	D132		00D 963 0020 309	D, 1SS133			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
D133		00D 963 0046 202	D,ZENER MTZJ18B			
D134		00D 963 0046 202	D,ZENER MTZJ18B			
D135		00D 963 0020 309	D, 1SS133			
D136		00D 963 0058 601	D,ZENER MTZJ12B			
D137		00D 963 0020 309	D, 1SS133			
D138A		00D 963 0058 407	D, 1N4007			
D141		00D 963 0058 407	D, 1N4007			
D142		00D 963 0058 407	D, 1N4007			
D143		00D 963 0058 407	D, 1N4007			
D144		00D 963 0058 407	D, 1N4007			
D145		00D 963 0058 407	D, 1N4007			
D146		00D 963 0058 407	D, 1N4007			
D148		00D 963 0020 309	D, 1SS133			
D149		00D 963 0058 407	D, 1N4007			
D150		00D 963 0058 407	D, 1N4007			
D151		00D 963 0020 309	D, 1SS133			
D152		00D 963 0058 407	D, 1N4007			
D153		00D 963 0058 407	D, 1N4007			
D154		00D 960 0095 704	D,ZENER MTZJ6.2B			
D157		00D 963 0219 903	D,ZENER MTZJ16B			
D158		00D 963 0020 309	D, 1SS133			
D159		00D 963 0020 309	D, 1SS133			
D160		00D 963 0020 309	D, 1SS133			
ZD310		00D 960 0095 500	D,ZENER MTZJ5.1B			
ZD311		00D 960 0095 500	D,ZENER MTZJ5.1B			
LED901		00D 963 0148 605	LED, SML1216W (RED/GREEN)			
<b>RESISTORS GROUP</b>						
R104C		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R104FL		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R104FR		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R104SL		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R104SR		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R105C		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R105FL		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R105FR		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R105SL		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R105SR		00D 963 9006 285	R,FIXED 1WJ-5.6K			
R106C		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R106FL		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R106FR		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R106SL		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R106SR		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R107C		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R107FL		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R107FR		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R107SL		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R107SR		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R108C		00D 963 9006 269	R,FIXED 1WJ-0.22			
R108FL		00D 963 9006 269	R,FIXED 1WJ-0.22			
R108FR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R108SL		00D 963 9006 269	R,FIXED 1WJ-0.22			
R108SR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R109C		00D 963 9006 269	R,FIXED 1WJ-0.22			
R109FL		00D 963 9006 269	R,FIXED 1WJ-0.22			
R109FR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R109SL		00D 963 9006 269	R,FIXED 1WJ-0.22			
R109SR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R110C		00D 963 9006 269	R,FIXED 1WJ-0.22			
R110FL		00D 963 9006 269	R,FIXED 1WJ-0.22			
R110FR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R110SL		00D 963 9006 269	R,FIXED 1WJ-0.22			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
R110SR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R111C		00D 963 9006 269	R,FIXED 1WJ-0.22			
R111FL		00D 963 9006 269	R,FIXED 1WJ-0.22			
R111FR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R111SL		00D 963 9006 269	R,FIXED 1WJ-0.22			
R111SR		00D 963 9006 269	R,FIXED 1WJ-0.22			
R118C		00D 963 9006 256	R,FIXED 1WJ-10			
R118FL		00D 963 9006 256	R,FIXED 1WJ-10			
R118FR		00D 963 9006 256	R,FIXED 1WJ-10			
R118SL		00D 963 9006 256	R,FIXED 1WJ-10			
R118SR		00D 963 9006 256	R,FIXED 1WJ-10			
R119C		00D 963 9006 256	R,FIXED 1WJ-10			
R119FL		00D 963 9006 256	R,FIXED 1WJ-10			
R119FR		00D 963 9006 256	R,FIXED 1WJ-10			
R119SL		00D 963 9006 256	R,FIXED 1WJ-10			
R119SR		00D 963 9006 256	R,FIXED 1WJ-10			
R135		00D 963 0144 502	R,CEMENT 0.1-J 5W			
R136		00D 963 0144 502	R,CEMENT 0.1-J 5W			
R141		00D 963 0216 003	R,METAL FILM 0.22-J,1W			
R142		00D 963 0216 003	R,METAL FILM 0.22-J,1W			
R148		00D 963 0216 003	R,METAL FILM 0.22-J,1W			
R149		00D 963 0216 003	R,METAL FILM 0.22-J,1W			
R151		00D 963 0232 809	R,METAL FILM 10-J,1/4W			
R154		00D 963 0244 305	R,METAL FILM 2.2M 0.5W			
R179		00D 963 0232 906	R,METAL FILM 47K-F,1/4W			
R181		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R184		00D 963 9006 256	R,FIXED 1WJ-10			
R903H		00D 960 9009 270	R,METAL FILM 470-J,2W			
R904H		00D 960 9009 270	R,METAL FILM 470-J,2W			
VR101		00D 960 0091 601	VR,SEMI 1KB			
VR102		00D 960 0091 601	VR,SEMI 1KB			
VR103		00D 960 0091 601	VR,SEMI 1KB			
VR104		00D 960 0091 601	VR,SEMI 1KB			
VR105		00D 960 0091 601	VR,SEMI 1KB			
<b>CAPACITORS GROUP</b>						
C101C		00D 963 0234 506	C,ELECT 47UF-M/50V			
C101FL		00D 963 0234 506	C,ELECT 47UF-M/50V			
C101FR		00D 963 0234 506	C,ELECT 47UF-M/50V			
C101SL		00D 963 0234 506	C,ELECT 47UF-M/50V			
C101SR		00D 963 0234 506	C,ELECT 47UF-M/50V			
C102C		00D 963 0234 205	C,ELECT 10UF-M/50V			
C102FL		00D 963 0234 205	C,ELECT 10UF-M/50V			
C102FR		00D 963 0234 205	C,ELECT 10UF-M/50V			
C102SL		00D 963 0234 205	C,ELECT 10UF-M/50V			
C102SR		00D 963 0234 205	C,ELECT 10UF-M/50V			
C103C		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C103FL		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C103FR		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C103SL		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C103SR		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C104C		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C104FL		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C104FR		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C104SL		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C104SR		00D 963 9003 084	C,CERAMIC 100PF-K/500V			
C105C		00D 960 9008 640	C,FILM 0.022UF-J/100V			
C105FL		00D 960 9008 640	C,FILM 0.022UF-J/100V			
C105FR		00D 960 9008 640	C,FILM 0.022UF-J/100V			
C105SL		00D 960 9008 640	C,FILM 0.022UF-J/100V			
C105SR		00D 960 9008 640	C,FILM 0.022UF-J/100V			
C107C		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C107FL		00D 963 9003 097	C,FILM 0.1UF-K/250V			



Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C107FR		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C107SL		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C107SR		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C131		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C132		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C133		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C134		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C135		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C136		00D 254 6256 002	CE68W1J123M(DL)VNN			
C137		00D 254 6256 002	CE68W1J123M(DL)VNN			
C138		00D 963 9005 749	C,ELECT 1UF-M/50V			
C138A		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C141		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C142		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C143		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C144		00D 963 0217 109	C,ELECT 3300UF-M/35V			
C145		00D 963 9003 123	C,ELECT 1000UF-M/35V			
C146		00D 963 9005 749	C,ELECT 1UF-M/50V			
C148		00D 963 9005 749	C,ELECT 1UF-M/50V			
C150		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C151		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C152		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C153		00D 963 0021 104	C,ELECT 6800UF-M/16V			
C154		00D 963 0234 205	C,ELECT 10UF-M/50V			
C155		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C157		00D 963 9005 749	C,ELECT 1UF-M/50V			
C158		00D 963 0217 002	C,ELECT 3300UF-M/16V			
C159		00D 963 9005 749	C,ELECT 1UF-M/50V			
C161		00D 963 0234 205	C,ELECT 10UF-M/50V			
C171		00D 960 9009 911	C,ELECT 100UF-M/10V			
C171A		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C171B		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C171C		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C171D		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C172		00D 963 9005 833	C,ELECT 220UF-M/6.3V			
C173		00D 963 9005 833	C,ELECT 220UF-M/6.3V			
C174		00D 963 0234 205	C,ELECT 10UF-M/50V			
C175		00D 963 9006 544	C,ELECT 22UF-M/25V			
C176		00D 963 9005 749	C,ELECT 1UF-M/50V			
C177		00D 963 9005 749	C,ELECT 1UF-M/50V			
C178		00D 963 0157 900	C,ELECT 470UF-M/63V			
C179		00D 963 9005 833	C,ELECT 220UF-M/6.3V			
⚠ C181		00D 963 9006 191	C,CERAMIC AC13F472MDOA			
C182		00D 963 0234 302	C,ELECT 10UF-M/100V			
C191		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C192		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C193		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C194		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C195		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C196		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C197		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C198		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C198C		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C198FL		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C198FR		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C198SBL		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C198SBR		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C198SL		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C198SR		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C199		00D 963 0233 400	C,CERAMIC 2200PF-K/16V			
C199FL		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C199FR		00D 963 0024 703	C,FILM 0.01UF-J/100V			
C331		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C332		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C901H		00D 963 0233 206	C,CERAMIC 0.001UF-K/50V			
C902H		00D 963 0233 206	C,CERAMIC 0.001UF-K/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C905H		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C906H		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
<b>OTHER PARTS GROUP</b>						
CB903	nsp	00D 963 0154 602	BEAD,COIL			
CLAMP101	nsp	00D 960 0260 005	CLAMP WIRE (L=50)			
CN901	nsp	00D 963 0160 201	CN,WIRE 250MM/3P			
CN931A	nsp	00D 963 0148 809	CN,WIRE 350MM/2P			
CN992	nsp	00D 963 0235 602	CN,WIRE 270MM/4P			
CP101	nsp	00D 960 0118 908	CN.WAFER 2P			
CP102	nsp	00D 960 0123 304	CN.WAFER 2P			
CP103	nsp	00D 963 0066 208	CN.WAFER 3P			
CP104	nsp	00D 960 0128 804	CN.WAFER 6P			
CP105	nsp	00D 963 0149 109	CN.WAFER 2P (BLACK)			
CP106	nsp	00D 960 0123 207	CN.WAFER 3P			
CP1151	nsp	00D 963 0097 507	CN.WAFER 15			
CP1153	nsp	00D 963 0097 507	CN.WAFER 15			
CP138A	nsp	00D 960 0123 207	CN.WAFER 3P			
CP391	nsp	00D 963 0160 900	CN.WAFER 8P			
CP392	nsp	00D 963 0235 806	CN.WAFER 3P			
CP501	nsp	00D 963 0206 505	CN.WAFER 9P			
CP502	nsp	00D 963 0206 408	CN.WAFER 7P			
CP503	nsp	00D 963 0206 408	CN.WAFER 7P			
CP504	nsp	00D 963 0206 301	CN.WAFER 5P			
CP505	nsp	00D 963 0235 709	CN.WAFER 12P			
CP555	nsp	00D 963 0111 108	CN.WAFER 14P			
CP556	nsp	00D 963 0087 805	CN.WAFER 11P			
CP901	nsp	00D 963 0235 806	CN.WAFER 3P			
CP931	nsp	00D 963 0149 206	CN.WAFER 2P (BLUE)			
⚠ F102		00D 963 0236 106	FUSE T8A/250V			
G901		-	RING,TER WIRE 120MM/1P			
GND101		-	TERMINAL, EARTH			
GND102		-	TERMINAL, EARTH			
GND103		-	TERMINAL, EARTH			
L101C	nsp	00D 963 0049 005	COIL,INDUCTOR 0.5UH			
L101FL	nsp	00D 963 0049 005	COIL,INDUCTOR 0.5UH			
L101FR	nsp	00D 963 0049 005	COIL,INDUCTOR 0.5UH			
L101SL	nsp	00D 963 0049 005	COIL,INDUCTOR 0.5UH			
L101SR	nsp	00D 963 0049 005	COIL,INDUCTOR 0.5UH			
RLY101		00D 960 0181 702	RELAY, G5PA-28 24V 5A			
RLY102		00D 960 0181 702	RELAY, G5PA-28 24V 5A			
RLY103		00D 960 0181 702	RELAY, G5PA-28 24V 5A			
RLY104		00D 960 0181 702	RELAY, G5PA-28 24V 5A			
RLY105		00D 963 0218 506	RELAY, BC3-24			
RLY106		00D 963 0218 205	RELAY, G5PA-1 DC9V 250V/5A			
RLY107		00D 960 0181 702	RELAY, G5PA-28 24V 5A			
⚠ SW391		00D 963 0200 103	SW,TACT SKHV10920A			
SW393		00D 963 0200 103	SW,TACT SKHV10920A			
SW901		00D 963 0200 103	SW,TACT SKHV10920A			
SW901A		00D 963 0145 802	SW,PUSH SDDL-005-S(C-UL)			
TP101	nsp	00D 960 0161 405	CN.WAFER 3P			
TP102	nsp	00D 960 0161 405	CN.WAFER 3P			
TP103	nsp	00D 960 0161 405	CN.WAFER 3P			
TP104	nsp	00D 960 0161 405	CN.WAFER 3P			

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	TP105	nsp	00D 960 0161 405	CN.WAFER 3P			
⚠	VEC303		00D 963 0095 208	SW,ENCODER EC16B24SA			
			00D 963 0232 100	STAND BY TRANS 120V/60HZ			
			00D 963 0158 608	2P TER, SP			
			00D 963 0119 906	8P TER, SP			
		nsp	00D 963 0095 402	JACK PHONE, D6.5	for F102A		
		nsp	00D 960 0005 804	HOLDER,FUSE CLIP	for F102B		
			-	HEAT SINK			
			-	HEAT SINK			
			00D 963 0018 007	SCREW, 3*8 B-TYPE ZNY/BH			

**CPU P.W.B. UNIT ASS'Y**

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
IC201		00D 262 3537 000	IC M30622MGP			*
IC272		00D 963 0219 301	IC CJ7806			
IC273		00D 963 0235 107	IC CJ7906F			
IC274		00D 963 0147 606	IC KIA78R09API			
IC301		00D 960 0180 004	IC LC75721E			
IC302		00D 963 0074 504	IC BU2090F			
IC803		00D 963 0237 503	JSR1165-C /OPTICAL			
Q201		00D 960 0285 006	TR KRC104S			
Q202		00D 963 0121 509	TR KTC3875S			
Q203		00D 960 0196 603	TR KTC2874B			
Q204		00D 960 0196 603	TR KTC2874B			
Q205		00D 960 0097 207	TR KRA102M			
Q206		00D 960 0196 603	TR KTC2874B			
Q207		00D 960 0196 603	TR KTC2874B			
Q218		00D 963 0102 803	TR 2SA933S			
Q300		00D 963 0121 402	TR KRA104S			
Q301		00D 963 0121 402	TR KRA104S			
Q302		00D 960 0285 006	TR KRC104S			
Q303		00D 960 0285 006	TR KRC104S			
Q304		00D 960 0285 006	TR KRC104S			
Q305		00D 963 0121 402	TR KRA104S			
Q306		00D 963 0120 704	TR KRA102S			
Q307		00D 963 0121 606	TR KRC107S			
Q308		00D 963 0120 704	TR KRA102S			
Q309		00D 963 0121 402	TR KRA104S			
Q565		00D 963 0120 704	TR KRA102S			
D202		00D 963 0058 407	D, 1N4007			
D203		00D 963 0219 709	D, 1N4148W			
D204		00D 963 0020 309	D, 1SS133			
D208		00D 963 0020 309	D, 1SS133			
D209		00D 963 0020 309	D, 1SS133			
D210		00D 963 0020 309	D, 1SS133			
D211		00D 963 0219 709	D, 1N4148W			
D302		00D 963 0020 309	D, 1SS133			
D303		00D 963 0020 309	D, 1SS133			
D304		00D 963 0020 309	D, 1SS133			
D305		00D 963 0219 709	D, 1N4148W			
D306		00D 963 0219 709	D, 1N4148W			
D307		00D 963 0219 709	D, 1N4148W			
ZD201		00D 963 0047 502	D,ZENER MTZJ3.3B			
ZD301		00D 960 0095 801	D,ZENER MTZJ6.8B			
ZD302		00D 960 0095 500	D,ZENER MTZJ5.1B			
ZD303		00D 960 0095 500	D,ZENER MTZJ5.1B			
ZD304		00D 960 0095 500	D,ZENER MTZJ5.1B			
ZD305		00D 960 0095 500	D,ZENER MTZJ5.1B			
LED301		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED302		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED305		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED306		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED307		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED308		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED309		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED310		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
LED311		00D 960 0197 204	LED PI5-RD/HL50RDRF4T			
FL301		00D 963 0219 806	DISPLAY,FLT 16-ST-82GNK			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>RESISTORS GROUP</b>						
R272		00D 963 0215 907	R,METAL FILM 4.7-J,1W			
R282		00D 960 9003 807	R,METAL FILM 100-J,1/4W			
<b>CAPACITORS GROUP</b>						
C201	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C202	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C203	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C204		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C205	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C213	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C214	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C215	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C216	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C221		00D 960 9009 911	C,ELECT 100UF-M/10V			
C261	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C262	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C263		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C267	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C268	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C269	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C270	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C273		00D 963 0234 205	C,ELECT 10UF-M/50V			
C274		00D 963 0234 205	C,ELECT 10UF-M/50V			
C276		00D 963 0234 205	C,ELECT 10UF-M/50V			
C277		00D 963 0234 205	C,ELECT 10UF-M/50V			
C292	nsp	00D 960 9003 108	C,CERAMIC 0.022UF-Z/25V			
C294	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C296	nsp	00D 963 0233 109	C,CERAMIC 0.01UF-Z/50V			
C301		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C301O		00D 963 0234 409	C,ELECT 47UF-M/10V			
C302		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C302O		00D 963 0020 202	C,CERAMIC 0.1UF-Z/50V			
C303		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C303O		00D 963 9004 591	C,CERAMIC 22PF-J/50V			
C304		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C305	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C306	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C307	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C308		00D 960 9010 816	C,CERAMIC 0.1UF-Z/50V			
C309	nsp	00D 963 0224 202	C,CERAMIC CHIP 0.022UF-K/25V			
C310	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C311	nsp	00D 963 0233 701	C,CERAMIC CHIP 30PF-J/50V			
C312	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C314		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C315		00D 963 9005 749	C,ELECT 1UF-M/50V			
C316		00D 963 0234 205	C,ELECT 10UF-M/50V			
C317		00D 963 9005 859	C,ELECT 47UF-M/16V			
C318		00D 963 0216 702	C,FILM 0.047UF-J/63V			
C319		00D 963 9005 862	C,ELECT 47UF-M/16V			
C320		00D 963 9005 749	C,ELECT 1UF-M/50V			
C321		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C322		00D 963 9005 862	C,ELECT 47UF-M/16V			
C323		00D 963 0216 401	C,FILM 0.1UF-J/100V			
C324		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C325	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C326		00D 963 9006 544	C,ELECT 22UF-M/25V			
C327		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C328	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C329		00D 963 9006 531	C,ELECT 22UF-M/16V			
C330		00D 963 9006 531	C,ELECT 22UF-M/16V			
C340	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C341	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C347	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C348	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C354	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
BC201		00D 254 4666 005	CE04W0H105ZC(FG)			
<b>OTHER PARTS GROUP</b>						
BD201	nsp	00D 963 0154 602	BEAD,COIL			
BD203	nsp	00D 963 0154 602	BEAD,COIL			
BD204	nsp	00D 963 0234 603	COIL,BEAD			
BD207	nsp	00D 963 0154 602	BEAD,COIL			
BD301	nsp	00D 963 0220 002	BEAD,COIL 121JT			
BD303	nsp	00D 963 0220 002	BEAD,COIL 121JT			
BD304	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CN302	nsp	00D 963 0116 501	CN,WIRE 150MM/5P			
CN391	nsp	00D 963 0160 502	CN,WIRE 80MM/8P			
CN392	nsp	00D 963 0160 308	CN,WIRE 70MM/3P			
CN605	nsp	00D 963 0159 908	CN,WIRE 160MM/3P			
CN606	nsp	00D 963 0159 607	CN,WIRE 130MM/4P			
CP1001	nsp	00D 963 0206 408	CN.WAFER 7P	for AVR2106E3		
CP1003	nsp	00D 963 0097 400	CN.WAFER 8P			
CP1004	nsp	00D 960 0239 609	CN.WAFER 13P			
CP201	nsp	00D 963 0087 407	CN.WAFER 16P	for AVR2106E3		
CP201A	nsp	00D 963 0206 408	CN.WAFER 7P			
CP202	nsp	00D 963 0097 507	CN.WAFER 15P			
CP202A	nsp	00D 963 0206 408	CN.WAFER 7P	for AVR2106E3		
CP204X	nsp	00D 963 0097 400	CN.WAFER 8P			
CP205	nsp	00D 963 0060 709	CN.WAFER 8P			
CP301A	nsp	00D 963 0161 006	CN.FPC 23P			
CP301B	nsp	00D 963 0161 103	CN.FPC 23P			
CP302	nsp	00D 963 0066 101	CN.WAFER 5P			
CP303	nsp	00D 963 0236 009	CN.WAFER 3P			
CP552	nsp	00D 963 0087 601	CN.WAFER 18P			
CP553	nsp	00D 963 0111 108	CN.WAFER 14P			
CP605	nsp	00D 963 0235 806	CN.WAFER 3P			
CP606	nsp	00D 963 0235 903	CN.WAFER 4P			
CP701	nsp	00D 963 0087 805	CN.WAFER 11P			
CP702	nsp	00D 963 0087 504	CN.WAFER 19P			
CP703	nsp	00D 963 0111 108	CN.WAFER 14P			
CP704	nsp	00D 963 0087 805	CN.WAFER 11P			
CP801	nsp	00D 963 0087 601	CN.WAFER 18P			
CP802	nsp	00D 963 0087 504	CN.WAFER 19P			
CP803	nsp	00D 963 0111 108	CN.WAFER 14P			
G301		-	RING,TER WIRE 80MM/1P			
G302		-	RING,TER WIRE 80MM/1P			
GND01		-	TERMINAL, EARTH			
GND02		-	TERMINAL, EARTH			
JIG601		00D 960 0123 605	CN.WAFER 13P			
L301	nsp	00D 960 0010 307	COIL,INDUCTOR 10UH			
L301O	nsp	00D 960 0215 908	COIL,INDUCTOR 4.7UH			
L302	nsp	00D 960 0128 008	COIL,INDUCTOR 100UH			
RMC301		00D 963 0217 808	MODULE,REMOCON NJL34H380A			
SW301C		00D 963 0200 103	SW,TACT SKHV10920A			
SW302A		00D 963 0095 305	SW,TACT SKHV10910D01			
SW302B		00D 963 0095 305	SW,TACT SKHV10910D01			
SW302C		00D 963 0200 103	SW,TACT SKHV10920A			
SW303A		00D 963 0095 305	SW,TACT SKHV10910D01			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
SW303B		00D 963 0095 305	SW,TACT SKHV10910D01			
SW303C		00D 963 0200 103	SW,TACT SKHV10920A			
SW304A		00D 963 0095 305	SW,TACT SKHV10910D01			
SW304B		00D 963 0095 305	SW,TACT SKHV10910D01			
SW304C		00D 963 0200 103	SW,TACT SKHV10920A			
SW305A		00D 963 0095 305	SW,TACT SKHV10910D01			
SW305B		00D 963 0200 103	SW,TACT SKHV10920A			
SW305C		00D 963 0200 103	SW,TACT SKHV10920A			
SW306A		00D 963 0095 305	SW,TACT SKHV10910D01			
SW306B		00D 963 0095 305	SW,TACT SKHV10910D01			
SW306C		00D 963 0200 103	SW,TACT SKHV10920A			
SW307A		00D 963 0095 305	SW,TACT SKHV10910D01			
SW307C		00D 963 0200 103	SW,TACT SKHV10920A			
SW308A		00D 963 0095 305	SW,TACT SKHV10910D01			
SW308C		00D 963 0200 103	SW,TACT SKHV10920A			
SW309A		00D 963 0095 305	SW,TACT SKHV10910D01			
SW309C		00D 963 0200 103	SW,TACT SKHV10920A			
VEC301		00D 963 0095 208	SW,ENCODER EC16B24SA			
VEC302		00D 963 0095 208	SW,ENCODER EC16B24SA			
X203		00D 963 0217 701	RESONATOR,CERAMIC ZTT12.00MT			
		00D 963 0158 307	JACK,DIN			
		00D 963 0146 403	TER,RCA 3PIN			
		-	HEAT SINK			
	nsp	00D 963 0018 007	SCREW, 3*8 B-TYPE ZNY/BH			
	nsp	00D 960 0184 408	HOLDER, FLT			

**CNT P.W.B. UNIT ASS'Y**

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
IC551		00D 963 0218 807	IC BU4094BCF			
IC552		00D 963 0218 807	IC BU4094BCF			
IC553		00D 963 0218 807	IC BU4094BCF			
Q501C		00D 960 0196 603	TR KTC2874B			
Q501FL		00D 960 0196 603	TR KTC2874B			
Q501FR		00D 960 0196 603	TR KTC2874B			
Q501SL		00D 960 0196 603	TR KTC2874B			
Q501SR		00D 960 0196 603	TR KTC2874B			
Q502C		00D 960 0196 205	TR KSA992F			
Q502FL		00D 960 0196 205	TR KSA992F			
Q502FR		00D 960 0196 205	TR KSA992F			
Q502SBL		00D 960 0196 205	TR KSA992F			
Q502SBR		00D 960 0196 205	TR KSA992F			
Q502SL		00D 960 0196 205	TR KSA992F			
Q502SR		00D 960 0196 205	TR KSA992F			
Q503C		00D 960 0196 205	TR KSA992F			
Q503FL		00D 960 0196 205	TR KSA992F			
Q503FR		00D 960 0196 205	TR KSA992F			
Q503SBL		00D 960 0196 205	TR KSA992F			
Q503SBR		00D 960 0196 205	TR KSA992F			
Q503SL		00D 960 0196 205	TR KSA992F			
Q503SR		00D 960 0196 205	TR KSA992F			
Q504C		00D 960 0196 506	TR KSC1845F			
Q504FL		00D 960 0196 506	TR KSC1845F			
Q504FR		00D 960 0196 506	TR KSC1845F			
Q504SBL		00D 960 0196 506	TR KSC1845F			
Q504SBR		00D 960 0196 506	TR KSC1845F			
Q504SL		00D 960 0196 506	TR KSC1845F			
Q504SR		00D 960 0196 506	TR KSC1845F			
Q506SBL		00D 960 0196 603	TR KTC2874B			
Q506SBR		00D 960 0196 603	TR KTC2874B			
Q551		00D 960 0196 700	TR KTC3200BL			
Q551T		00D 960 0097 003	TR KRA104M			
Q552		00D 960 0196 302	TR KTA1268BL			
Q552T		00D 960 0285 006	TR KRC104S			
Q553		00D 963 0120 704	TR KRA102S			
Q553T		00D 960 0097 003	TR KRA104M			
Q554		00D 963 0120 704	TR KRA102S			
Q554T		00D 960 0285 006	TR KRC104S			
Q555		00D 963 0120 704	TR KRA102S			
Q555T		00D 963 0255 802	TR KTC3199Y			*
Q556		00D 963 0120 704	TR KRA102S			
Q556T		00D 963 0121 004	TR KRC104M			
Q557		00D 963 0121 606	TR KRC107S			
Q557M		00D 963 0121 606	TR KRC107S			
Q558		00D 963 0148 508	TR KTA1504S			
Q558M		00D 963 0148 508	TR KTA1504S			
Q559		00D 963 0120 704	TR KRA102S			
Q561		00D 963 0120 704	TR KRA102S			
Q562		00D 963 0120 704	TR KRA102S			
Q563		00D 963 0120 704	TR KRA102S			
Q564		00D 963 0120 704	TR KRA102S			
Q912C		00D 963 0044 301	TR KTC2875B			
Q912FL		00D 963 0044 301	TR KTC2875B			
Q912FR		00D 963 0044 301	TR KTC2875B			
Q912SBL		00D 963 0044 301	TR KTC2875B			
Q912SBR		00D 963 0044 301	TR KTC2875B			
Q912SL		00D 963 0044 301	TR KTC2875B			
Q912SR		00D 963 0044 301	TR KTC2875B			
Q912SW		00D 963 0044 301	TR KTC2875B			
Q913C		00D 963 0044 301	TR KTC2875B			
Q913FL		00D 963 0044 301	TR KTC2875B			



Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
Q913FR		00D 963 0044 301	TR KTC2875B			
Q913SBL		00D 963 0044 301	TR KTC2875B			
Q913SBR		00D 963 0044 301	TR KTC2875B			
Q913SL		00D 963 0044 301	TR KTC2875B			
Q913SR		00D 963 0044 301	TR KTC2875B			
Q913SW		00D 963 0044 301	TR KTC2875B			
D551		00D 963 0020 309	D, 1SS133			
D552		00D 963 0020 309	D, 1SS133			
D552T		00D 963 0219 709	D, 1N4148W			
D553		00D 963 0020 309	D, 1SS133			
D554		00D 963 0020 309	D, 1SS133			
D555		00D 963 0020 309	D, 1SS133			
D556		00D 963 0020 309	D, 1SS133			
D557		00D 963 0020 309	D, 1SS133			
D559		00D 963 0020 309	D, 1SS133			
D560		00D 963 0020 309	D, 1SS133			
D561		00D 963 0020 309	D, 1SS133			
D562		00D 963 0058 407	D, 1N4007			
D563		00D 963 0058 407	D, 1N4007			
D564		00D 963 0058 407	D, 1N4007			
D565		00D 963 0020 309	D, 1SS133			
D566		00D 963 0020 309	D, 1SS133			
D567		00D 963 0020 309	D, 1SS133			
D568		00D 963 0020 309	D, 1SS133			
D569		00D 963 0020 309	D, 1SS133			
D588		00D 963 0020 309	D, 1SS133			
D901		00D 963 0219 709	D, 1N4148W			
D902		00D 963 0219 709	D, 1N4148W			
D903		00D 963 0219 709	D, 1N4148W			
D904		00D 963 0219 709	D, 1N4148W			
D1000		00D 963 0058 407	D, 1N4007			
D1001		00D 963 0058 407	D, 1N4007			
D1002		00D 963 0058 407	D, 1N4007			
D1003		00D 963 0058 407	D, 1N4007			
ZD551T		00D 963 0058 601	D,ZENER MTZJ12B			
ZD564		00D 960 0095 500	D,ZENER MTZJ5.1B			
<b>RESISTORS GROUP</b>						
R509C		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W			
R509FL		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W			
R509FR		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W			
R509SBL		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W			
R509SBR		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W			
R509SL		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W			
R509SR		00D 960 9005 902	R,METAL FILM 1.2K-J,1/4W			
R511C		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R511FL		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R511FR		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R511SBL		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R511SBR		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R511SL		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R511SR		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R553T		00D 963 0215 800	R,METAL FILM 390-J,1W			
R554T		00D 963 0236 203	R,METAL FILM 180-J,1/4W			
R559		00D 960 9005 642	R,METAL FILM 1.2K-J,1W			
R565		00D 960 9005 642	R,METAL FILM 1.2K-J,1W			
R570		00D 960 9005 642	R,METAL FILM 1.2K-J,1W			
R1000A		00D 963 0216 003	R,METAL FILM 0.22-J,1W			
R1000B		00D 963 0216 003	R,METAL FILM 0.22-J,1W			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>CAPACITORS GROUP</b>						
C501C		00D 963 9006 544	C,ELECT 22UF-M/25V			
C501FL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C501FR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C501SBL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C501SBR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C501SL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C501SR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C502C		00D 963 9005 778	C,ELECT 10UF-M/50V			
C502FL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C502FR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C502SBL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C502SBR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C502SL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C502SR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C503C		00D 963 0216 207	C,CERAMIC 220PF 500V			
C503FL		00D 963 0216 207	C,CERAMIC 220PF 500V			
C503FR		00D 963 0216 207	C,CERAMIC 220PF 500V			
C503SBL		00D 963 0216 207	C,CERAMIC 220PF 500V			
C503SBR		00D 963 0216 207	C,CERAMIC 220PF 500V			
C503SL		00D 963 0216 207	C,CERAMIC 220PF 500V			
C503SR		00D 963 0216 207	C,CERAMIC 220PF 500V			
C504C		00D 963 0216 207	C,CERAMIC 220PF 500V			
C504FL		00D 963 0216 207	C,CERAMIC 220PF 500V			
C504FR		00D 963 0216 207	C,CERAMIC 220PF 500V			
C504SBL		00D 963 0216 207	C,CERAMIC 220PF 500V			
C504SBR		00D 963 0216 207	C,CERAMIC 220PF 500V			
C504SL		00D 963 0216 207	C,CERAMIC 220PF 500V			
C504SR		00D 963 0216 207	C,CERAMIC 220PF 500V			
C505C		00D 963 0216 100	C,CERAMIC 33PF-J/500V			
C505FL		00D 963 0216 100	C,CERAMIC 33PF-J/500V			
C505FR		00D 963 0216 100	C,CERAMIC 33PF-J/500V			
C505SBL		00D 963 0216 100	C,CERAMIC 33PF-J/500V			
C505SBR		00D 963 0216 100	C,CERAMIC 33PF-J/500V			
C505SL		00D 963 0216 100	C,CERAMIC 33PF-J/500V			
C505SR		00D 963 0216 100	C,CERAMIC 33PF-J/500V			
C506C		00D 960 9009 911	C,ELECT 100UF-M/10V			
C506FL		00D 960 9009 911	C,ELECT 100UF-M/10V			
C506FR		00D 960 9009 911	C,ELECT 100UF-M/10V			
C506SBL		00D 960 9009 911	C,ELECT 100UF-M/10V			
C506SBR		00D 960 9009 911	C,ELECT 100UF-M/10V			
C506SL		00D 960 9009 911	C,ELECT 100UF-M/10V			
C506SR		00D 960 9009 911	C,ELECT 100UF-M/10V			
C507C		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C507FL		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C507FR		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C507SBL		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C507SBR		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C507SL		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C507SR		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C551S	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C551T		00D 963 9005 927	C,ELECT 0.1UF-M/50V			
C552		00D 963 9005 846	C,ELECT 2.2UF-M/50V			
C552S	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C553M	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C553S	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C554S	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C555		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C555M	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C556		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C557		00D 963 9005 778	C,ELECT 10UF-M/50V			
C558	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C559	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C560	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C561	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C562	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C563	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C577M	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C900C		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900FL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900FR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900SBL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900SBR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900SL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900SR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900SW		00D 963 9005 778	C,ELECT 10UF-M/50V			
C901C		00D 963 9006 544	C,ELECT 22UF-M/25V			
C901FL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C901FR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C901SBL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C901SBR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C901SL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C901SR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C901SW		00D 963 9006 544	C,ELECT 22UF-M/25V			
C929C	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C929FL	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C929FR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C929SBL	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C929SBR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C929SL	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C929SR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C929SW	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C933	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C934	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C1000A		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C1000B		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C1001		00D 963 0021 900	C,FILM 0.047UF-J/100V			
C1002		00D 963 0183 301	C,ELECT 4700UF-M/25V			
C1003		00D 963 0224 804	C,ELECT 3300UF-M/25V			
C1004		00D 963 0021 104	C,ELECT 6800UF-M/16V			
<b>OTHER PARTS GROUP</b>						
BKT501	nsp	00D 960 0184 000	BRACKET, SCREW			
BKT502	nsp	00D 960 0184 000	BRACKET, SCREW			
BKT503	nsp	00D 960 0184 000	BRACKET, SCREW			
BKT505	nsp	00D 960 0184 000	BRACKET, SCREW			
CN106	nsp	00D 963 0148 702	CN,WIRE 120MM/2P			
CN202X	nsp	00D 963 0256 005	CN,WIRE 350MM/8P			*
CN501	nsp	00D 963 0205 700	CN.WAFER 5P			
CN502	nsp	00D 963 0236 902	CN.WAFER 12P			
CN503	nsp	00D 963 0086 505	CN.WAFER 7P			
CN504	nsp	00D 963 0085 506	CN.WAFER 9P			
CN505	nsp	00D 963 0086 505	CN.WAFER 7P			
CN508	nsp	00D 963 0236 708	CN,WIRE 120MM/15P			
CN509	nsp	00D 963 0236 601	CN,WIRE 120MM/5P			
CN552	nsp	00D 963 0086 301	CN.WAFER 18P			
CN553	nsp	00D 963 0110 701	CN.WAFER 14P			
CN555	nsp	00D 963 0110 701	CN.WAFER 14P			
CN556	nsp	00D 963 0086 709	CN.WAFER 11P			
CN557	nsp	00D 963 0236 805	CN,WIRE 80MM/9P			
CN559	nsp	00D 963 0159 403	CN,WIRE 100MM/15P			
CN901	nsp	00D 963 0097 303	CN.WAFER 15P			
CN1153	nsp	00D 963 0097 303	CN.WAFER 15P			
CP102X	nsp	00D 963 0066 101	CN.WAFER 5P			
CP506	nsp	00D 963 0060 703	CN.WAFER 15P			
CP508	nsp	00D 963 0060 703	CN.WAFER 15P			
CP509	nsp	00D 963 0066 101	CN.WAFER 5P			
CP512	nsp	00D 963 0068 303	CN.WAFER 9P			

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	CP554	nsp	00D 960 0123 207	CN.WAFER 3P			
	CP558	nsp	00D 963 0060 703	CN.WAFER 15P			
	CP559	nsp	00D 963 0160 609	CN,WIRE 80MM/15P			
	CP602D	nsp	00D 963 0097 507	CN.WAFER 15P			
	CP1154	nsp	00D 963 0097 507	CN.WAFER 15P			
⚠	F101		00D 963 0236 106	FUSE T8A/250V			
	JK709		00D 963 0146 209	TER,RCA 4PIN			
	JK710		00D 963 0146 209	TER,RCA 4PIN			
	RY551		00D 963 0218 409	RELAY BC3-12			
⚠		nsp	00D 960 0181 508	AC OUTLET(E3)			
		nsp	00D 960 0005 804	HOLDER,FUSE CLIP	for F102A		
		nsp	00D 960 0005 804	HOLDER,FUSE CLIP	for F102B		

**INPUT P.W.B. UNIT ASS'Y**

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
IC201T		00D 963 0158 909	IC TC94A27BUG			
IC202T		00D 963 0158 909	IC TC94A27BUG			
IC203T		00D 960 0080 201	IC TC9164CNG			
IC205		00D 963 0202 305	IC NJM2068M			
IC206		00D 963 0202 305	IC NJM2068M			
IC207		00D 963 0202 305	IC NJM2068M			
IC208		00D 963 0159 005	IC NJM5532M			
IC209		00D 963 0159 005	IC NJM5532M			
IC210		00D 963 0159 005	IC NJM5532M			
IC211		00D 963 0159 005	IC NJM5532M			
IC701		00D 963 0083 207	IC TC9274CNG-011			
IC701M		00D 963 0202 305	IC NJM2068M			
IC702		00D 963 0202 305	IC NJM2068M			
IC704		00D 960 0174 502	IC NJM2068DD			
IC705		00D 960 0174 201	IC TC9273CNG-004			
IC707		00D 963 0202 305	IC NJM2068M			
IC708		00D 963 0202 305	IC NJM2068M			
IC1000		00D 963 0083 304	IC BA7626F			
IC1001		00D 963 0116 103	IC MM74HC4053MX			
IC1002		00D 963 0083 304	IC BA7626F			
IC1003		00D 963 0074 504	IC BU2090F			
IC1004		00D 963 0116 103	IC MM74HC4053MX			
IC1005		00D 963 0074 504	IC BU2090F			
IC1006		00D 963 0116 307	IC LC74781			
IC1007		00D 963 0116 200	IC NJM2274R			
IC1008		00D 963 0116 103	IC MM74HC4053MX			
IC1009		00D 262 3110 906	IC TC90A69F +REF			
IC1010		00D 263 1082 903	IC TK15420MTL +C			
IC1011		00D 263 1082 903	IC TK15420MTL +C			
IC1012		00D 263 1082 903	IC TK15420MTL +C			
IC1013		00D 263 1082 903	IC TK15420MTL +C			
IC1015		00D 263 1082 903	IC TK15420MTL +C			
IC1016		00D 263 1082 903	IC TK15420MTL +C			
IC1150		00D 963 0083 304	IC BA7626F			
IC1151		00D 963 0083 304	IC BA7626F			
IC1152		00D 963 0083 304	IC BA7626F			
IC1153		00D 963 0083 304	IC BA7626F			
IC1154		00D 262 3108 002	IC TA1270BF +REF			
IC1155		00D 963 0148 207	IC LA7108M			
IC1157		00D 263 1082 903	IC TK15420MTL +C			
Q207T		00D 960 0196 807	FET 2SK117Y			
Q208T		00D 960 0196 807	FET 2SK117Y			
Q209T		00D 960 0097 003	TR KRA104M			
Q210T		00D 963 0121 004	TR KRC104M			
Q601C		00D 963 0219 602	TR KRC106M			
Q602C		00D 963 0219 602	TR KRC106M			
Q603C		00D 963 0219 602	TR KRC106M			
Q604C		00D 963 0219 602	TR KRC106M			
Q605C		00D 960 0111 808	TR KRC107S			
Q606		00D 963 0219 602	TR KRC106M			
Q606C		00D 963 0102 803	TR 2SA933S			
Q607C		00D 963 0120 801	TR KRC102S			
Q608C		00D 963 0219 602	TR KRC106M			
Q609C		00D 963 0219 602	TR KRC106M			
Q610C		00D 963 0219 602	TR KRC106M			
Q701		00D 963 0121 208	TR KRC107M			
Q707M		00D 963 0121 208	TR KRC107M			
Q1000		00D 963 0102 803	TR 2SA933S			
Q1001		00D 963 0102 803	TR 2SA933S			
Q1002		00D 963 0121 703	TR KRA107S			
Q1003		00D 963 0121 703	TR KRA107S			
Q1004		00D 963 0120 704	TR KRA102S			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
Q1005		00D 963 0159 102	TR KRC111S			
Q1006		00D 963 0120 704	TR KRA102S			
Q1007		00D 960 0068 207	TR KTA1504Y			
Q1008		00D 963 0120 704	TR KRA102S			
Q1009		00D 963 0159 102	TR KRC111S			
Q1010		00D 963 0120 704	TR KRA102S			
Q1011		00D 960 0068 207	TR KTA1504Y			
Q1012		00D 963 0044 301	TR KTC2875B			
Q1013		00D 963 0120 704	TR KRA102S			
Q1014		00D 960 0068 207	TR KTA1504Y			
Q1015		00D 963 0120 704	TR KRA102S			
Q1016		00D 960 0068 207	TR KTA1504Y			
Q1017		00D 960 0068 207	TR KTA1504Y			
Q1018		00D 960 0068 207	TR KTA1504Y			
Q1019		00D 960 0068 207	TR KTA1504Y			
Q1020		00D 963 0066 606	TR KTC3875Y			
Q1021		00D 963 0066 606	TR KTC3875Y			
Q1022		00D 960 0068 207	TR KTA1504Y			
Q1023		00D 963 0102 803	TR 2SA933S			
Q1024		00D 963 0121 402	TR KRA104S			
Q1025		00D 963 0121 402	TR KRA104S			
Q1025ML		00D 963 0044 301	TR KTC2875B	for AVR2106E3		
Q1025MR		00D 963 0044 301	TR KTC2875B	for AVR2106E3		
Q1026ML		00D 963 0044 301	TR KTC2875B	for AVR2106E3		
Q1026MR		00D 963 0044 301	TR KTC2875B	for AVR2106E3		
Q1028		00D 963 0121 402	TR KRA104S			
Q1029		00D 963 0121 402	TR KRA104S			
Q1033		00D 963 0121 402	TR KRA104S			
Q1150		00D 963 0159 102	TR KRC111S			
Q1151		00D 960 0068 207	TR KTA1504Y			
Q1152		00D 963 0159 102	TR KRC111S			
Q1153		00D 960 0068 207	TR KTA1504Y			
Q1155		00D 963 0159 102	TR KRC111S			
Q1156		00D 960 0068 207	TR KTA1504Y			
Q1157		00D 963 0159 102	TR KRC111S			
Q1158		00D 960 0068 207	TR KTA1504Y			
D205T		00D 963 0219 709	D, 1N4148W			
D207T		00D 963 0219 709	D, 1N4148W			
D251		00D 963 0219 709	D, 1N4148W			
D252		00D 963 0219 709	D, 1N4148W			
D253		00D 963 0219 709	D, 1N4148W			
D254		00D 963 0219 709	D, 1N4148W			
D255		00D 963 0219 709	D, 1N4148W			
D256		00D 963 0219 709	D, 1N4148W			
D601C		00D 963 0219 709	D, 1N4148W			
D602C		00D 963 0219 709	D, 1N4148W			
D603C		00D 963 0219 709	D, 1N4148W			
D604C		00D 963 0219 709	D, 1N4148W			
D605C		00D 963 0219 709	D, 1N4148W			
D606C		00D 963 0219 709	D, 1N4148W			
D607C		00D 963 0219 709	D, 1N4148W			
D608C		00D 963 0219 709	D, 1N4148W			
D609C		00D 963 0219 709	D, 1N4148W			
D610C		00D 963 0219 709	D, 1N4148W			
D611C		00D 963 0219 709	D, 1N4148W			
D701		00D 963 0020 309	D, 1SS133			
D701B		00D 963 0020 309	D, 1SS133			
D1000		00D 963 0219 709	D, 1N4148W			
D1001		00D 963 0219 709	D, 1N4148W			
D1002		00D 963 0219 709	D, 1N4148W			
D1003		00D 963 0219 709	D, 1N4148W			
D1004		00D 963 0219 709	D, 1N4148W			
D1005		00D 963 0219 709	D, 1N4148W			
D1012		00D 963 0020 309	D, 1SS133			
D1014		00D 963 0020 309	D, 1SS133			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
D1156		00D 960 0095 500	D,ZENER MTZJ5.1B			
ZD701M		00D 960 0095 500	D,ZENER MTZJ5.1B			
ZD1000		00D 960 0095 500	D,ZENER MTZJ5.1B			
ZD1002		00D 963 0219 903	D,ZENER MTZJ16B	for AVR2106E3		
ZD1003		00D 963 0219 903	D,ZENER MTZJ16B	for AVR2106E3		
ZD1013		00D 960 0095 500	D,ZENER MTZJ5.1B			
<b>RESISTORS GROUP</b>						
R229T		00D 963 9005 639	R,METAL FILM 100-J,1W			
R230T		00D 963 9005 639	R,METAL FILM 100-J,1W			
R713B		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R740		00D 960 9004 301	R,METAL FILM 47-J,1/4W			
R1031		00D 963 9005 639	R,METAL FILM 100-J,1W			
R1038		00D 963 9005 639	R,METAL FILM 100-J,1W			
R1059		00D 963 9005 639	R,METAL FILM 100-J,1W			
R1095		00D 960 9003 807	R,METAL FILM 100-J,1/4W			
R1140		00D 963 9003 068	R,METAL FILM 4.7-J,1/4W			
R1163		00D 963 9005 639	R,METAL FILM 100-J,1W			
R1166		00D 963 9005 639	R,METAL FILM 100-J,1W			
R1193		00D 963 9005 639	R,METAL FILM 100-J,1W			
R1198		00D 963 9003 068	R,METAL FILM 4.7-J,1/4W			
R1199		00D 963 9005 639	R,METAL FILM 100-J,1W			
VR608		00D 960 0091 601	VR,SEMI 1KB			
VR609		00D 960 0091 601	VR,SEMI 1KB			
VR610		00D 960 0091 601	VR,SEMI 1KB			
<b>CAPACITORS GROUP</b>						
C211SW	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C212SW	nsp	00D 963 0233 808	C,CERAMIC CHIP 47PF-J/50V			
C213FL	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C213FR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C213T	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C214T	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C215T	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C216T	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C217T	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C218FL	nsp	00D 963 0223 805	C,CERAMIC CHIP 33PF-J/50V			
C218FR	nsp	00D 963 0223 805	C,CERAMIC CHIP 33PF-J/50V			
C218T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C219FL		00D 963 0234 205	C,ELECT 10UF-M/50V			
C219FR		00D 963 0234 205	C,ELECT 10UF-M/50V			
C219SW		00D 963 0234 205	C,ELECT 10UF-M/50V			
C219T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C220T		00D 963 0234 205	C,ELECT 10UF-M/50V			
C223C		00D 963 9006 544	C,ELECT 22UF-M/25V			
C223FL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C223FR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C223SBL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C223SBR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C223SL		00D 963 9006 544	C,ELECT 22UF-M/25V			
C223SR		00D 963 9006 544	C,ELECT 22UF-M/25V			
C223SW		00D 963 9006 544	C,ELECT 22UF-M/25V			
C225T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C226T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C227T		00D 963 0234 205	C,ELECT 10UF-M/50V			
C228T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C229T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C230T		00D 963 0234 205	C,ELECT 10UF-M/50V			
C231C		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C231FL		00D 963 9006 214	C,ELECT 3.3UF-M/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C231FR		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C231SBL		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C231SBR		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C231SL		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C231SR		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C231SW		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C231T		00D 963 0234 205	C,ELECT 10UF-M/50V			
C232C	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232FL	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232FR	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232SBL	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232SBR	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232SL	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232SR	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232SW	nsp	00D 960 9010 104	C,CERAMIC CHIP 5PF-C/50V			
C232T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C233	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C233T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C234	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C234T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C235T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C236	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C236T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C237	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C237T		00D 963 9005 862	C,ELECT 47UF-M/16V			
C238C		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C238FL		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C238FR		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C238SBL		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C238SBR		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C238SL		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C238SR		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C238SW		00D 963 9006 214	C,ELECT 3.3UF-M/50V			
C239T	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C240	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C240T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C241	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C241T		00D 963 0234 205	C,ELECT 10UF-M/50V			
C243T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C244T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C245T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C246T		00D 963 0234 205	C,ELECT 10UF-M/50V			
C247T	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C248T		00D 963 9005 749	C,ELECT 1UF-M/50V			
C249T	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C250T	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C251	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C252	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C253	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C602C		00D 963 9005 749	C,ELECT 1UF-M/50V			
C605C	nsp	00D 963 0223 009	R,CHIP 0-J,1/16W			
C606C	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C617C	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C618C		00D 963 0199 308	C,FILM 1UF-J/63V			
C619C	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C701BL		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C701BR		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C702BL	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C702BR	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C702L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C702R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C703BL		00D 963 0234 205	C,ELECT 10UF-M/50V			
C703BR		00D 963 0234 205	C,ELECT 10UF-M/50V			
C703L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C703R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C704BL		00D 963 0234 205	C,ELECT 10UF-M/50V			



Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C704BR		00D 963 0234 205	C,ELECT 10UF-M/50V			
C704L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C704R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C705L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C705R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C706L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C706R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C707L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C707R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C708L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C708R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C709L		00D 963 0234 205	C,ELECT 10UF-M/50V			
C709R		00D 963 0234 205	C,ELECT 10UF-M/50V			
C710L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C710R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C711L		00D 963 9006 557	C,ELECT 220UF-M/6.3V			
C711R		00D 963 9006 557	C,ELECT 220UF-M/6.3V			
C712L		00D 963 0216 605	C,FILM 0.024UF-J/50V			
C712R		00D 963 0216 605	C,FILM 0.024UF-J/50V			
C713L		00D 960 9008 695	C,FILM 0.0068UF-J/100V			
C713R		00D 960 9008 695	C,FILM 0.0068UF-J/100V			
C714L		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C714R		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C715L	nsp	00D 963 0224 202	C,CERAMIC CHIP 0.022UF-K/25V			
C715R	nsp	00D 963 0224 202	C,CERAMIC CHIP 0.022UF-K/25V			
C716L		00D 963 0234 205	C,ELECT 10UF-M/50V			
C716R		00D 963 0234 205	C,ELECT 10UF-M/50V			
C717L	nsp	00D 963 0233 604	C,CERAMIC CHIP 220PF-J/50V			
C717R	nsp	00D 963 0233 604	C,CERAMIC CHIP 220PF-J/50V			
C718L		00D 963 9005 862	C,ELECT 47UF-M/16V			
C718R		00D 963 9005 862	C,ELECT 47UF-M/16V			
C719L		00D 963 9005 749	C,ELECT 1UF-M/50V			
C719R		00D 963 9005 749	C,ELECT 1UF-M/50V			
C723M		00D 963 9005 749	C,ELECT 1UF-M/50V			
C724M		00D 963 9005 749	C,ELECT 1UF-M/50V			
C725	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C725M		00D 963 9005 749	C,ELECT 1UF-M/50V			
C726	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C726M	nsp	00D 963 0157 609	C,CERAMIC CHIP 150PF-J/50V			
C727		00D 963 0234 205	C,ELECT 10UF-M/50V			
C727M	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C728		00D 963 0234 205	C,ELECT 10UF-M/50V			
C728M	nsp	00D 963 0157 609	C,CERAMIC CHIP 150PF-J/50V			
C729	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C729M		00D 963 9005 749	C,ELECT 1UF-M/50V			
C730	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C730BL	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C730BR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C730M		00D 963 0234 205	C,ELECT 10UF-M/50V			
C731	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C731BL	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C731BR	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C732	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C737M	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C738M	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C929SW5	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V	for AVR2106E3		
C1000		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1001		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1002		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1003	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1004		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1005		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1006		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1007	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1008		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1009		00D 963 0234 205	C,ELECT 10UF-M/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C1010		00D 963 9006 117	C,ELECT 2.2UF-M/50V			
C1011		00D 963 9006 117	C,ELECT 2.2UF-M/50V			
C1013		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1014		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1015		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1016	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C1017	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C1018	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C1019		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1020		00D 963 9006 036	C,ELECT 470UF-M/6.3V			
C1022		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1023		00D 963 9006 036	C,ELECT 470UF-M/6.3V			
C1024	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1026		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1027		00D 963 9006 036	C,ELECT 470UF-M/6.3V			
C1028		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1029		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1030		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1031		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1032		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1033	nsp	00D 963 0144 609	C,CERAMIC CHIP 12PF-J/50V			
C1034	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C1035		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1036	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1037		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1038		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1039	nsp	00D 963 9006 528	C,CERAMIC CHIP 20PF-J/50V			
C1040		00D 963 9005 749	C,ELECT 1UF-M/50V			
C1041	nsp	00D 963 0224 202	C,CERAMIC CHIP 0.022UF-K/25V			
C1042		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1043	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1044	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1045	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1046	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C1047		00D 963 0144 706	C,FILM 0.01UF-J/50V			
C1048		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1049	nsp	00D 963 9006 528	C,CERAMIC CHIP 20PF-J/50V			
C1050	nsp	00D 963 0144 609	C,CERAMIC CHIP 12PF-J/50V			
C1051	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C1052		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1053		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1054	nsp	00D 963 9005 998	C,CERAMIC CHIP 24PF-J/50V			
C1055		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1056		00D 963 9005 749	C,ELECT 1UF-M/50V			
C1057	nsp	00D 963 9005 998	C,CERAMIC CHIP 24PF-J/50V			
C1058		00D 963 0255 608	C,ELECT 33UF-M/25V			*
C1059	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1060		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1061	nsp	00D 963 0129 909	C,CERAMIC CHIP 1200PF-K/50V			
C1062		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1063	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1064		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1065	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1066	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1067	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1068	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1069		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1070		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1071		00D 963 9005 749	C,ELECT 1UF-M/50V			
C1072	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1073	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1074		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1075	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1076		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1077		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1078		00D 960 9010 023	C,ELECT 0.47UF-M/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C1079	nsp	00D 963 0144 609	C,CERAMIC CHIP 12PF-J/50V			
C1080	nsp	00D 963 0224 202	C,CERAMIC CHIP 0.022UF-K/25V			
C1081		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1082	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C1083	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1084	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1085	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1086	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C1100ML		00D 960 9010 010	C,ELECT 4.7UF-M/50V	for AVR2106E3		
C1100MR		00D 960 9010 010	C,ELECT 4.7UF-M/50V	for AVR2106E3		
C1101ML	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V	for AVR2106E3		
C1101MR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V	for AVR2106E3		
C1102ML		00D 960 9010 010	C,ELECT 4.7UF-M/50V	for AVR2106E3		
C1102MR		00D 960 9010 010	C,ELECT 4.7UF-M/50V	for AVR2106E3		
C1106T	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V	for AVR2106E3		
C1107T	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V	for AVR2106E3		
C1150		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1152		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1157		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1158	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1159		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1160		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1161		00D 963 9006 036	C,ELECT 470UF-M/6.3V			
C1162		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1163		00D 963 9006 036	C,ELECT 470UF-M/6.3V			
C1164		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1165		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1166		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1168		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1169		00D 963 9006 036	C,ELECT 470UF-M/6.3V			
C1170		00D 963 9006 036	C,ELECT 470UF-M/6.3V			
C1171		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1172		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1173	nsp	00D 963 0234 001	C,CERAMIC CHIP 0.047UF-Z/50V			
C1174	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1175	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1176	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1177	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1178	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1179	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1181		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1182		00D 963 0234 108	C,FILM 0.1UF-J/50V			
C1183		00D 960 9010 023	C,ELECT 0.47UF-M/50V			
C1184	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1185		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1186	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1187		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1188		00D 963 0234 205	C,ELECT 10UF-M/50V			
C1189		00D 960 9010 023	C,ELECT 0.47UF-M/50V			
C1190		00D 963 9006 117	C,ELECT 2.2UF-M/50V			
C1191		00D 963 0141 709	C,FILM 0.022UF-J/50V			
C1192	nsp	00D 960 9010 094	C,CERAMIC CHIP 0.01UF-Z/50V			
C1193		00D 963 9006 117	C,ELECT 2.2UF-M/50V			
C1194	nsp	00D 963 0144 609	C,CERAMIC CHIP 12PF-J/50V			
C1195		00D 963 0144 900	C,FILM 0.0022UF-J/50V			
C1196		00D 963 9005 972	C,ELECT 0.22UF-M/50V			
C1197		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1198		00D 963 0144 706	C,FILM 0.01UF-J/50V			
C1199		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1200		00D 963 0234 108	C,FILM 0.1UF-J/50V			
C1203		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1204	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1205		00D 963 9005 862	C,ELECT 47UF-M/16V			
C1206	nsp	00D 963 9004 711	C,CERAMIC CHIP 0.1UF-Z/50V			
C1211		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1212		00D 960 9009 911	C,ELECT 100UF-M/10V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C1213		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1214		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1216		00D 960 9009 911	C,ELECT 100UF-M/10V			
C1217		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1218		00D 963 9006 544	C,ELECT 22UF-M/25V			
C1223	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
<b>OTHER PARTS GROUP</b>						
BD1001	nsp	00D 963 0234 603	COIL,BEAD	for AVR2106E3		
BD1002	nsp	00D 963 0234 603	COIL,BEAD	for AVR2106E3		
CB1000	nsp	00D 963 0234 603	COIL,BEAD			
CB1001	nsp	00D 963 0234 603	COIL,BEAD			
CB1002	nsp	00D 963 0115 609	COIL,INDUCTOR 33UH			
CN1001	nsp	00D 963 0086 505	CN.WAFER 7P	for AVR2106E3		
CN1003	nsp	00D 963 0097 206	CN.WAFER 8P			
CN1004	nsp	00D 960 0239 900	CN.WAFER 13P			
CN1151	nsp	00D 963 0097 303	CN.WAFER 15P			
CN201	nsp	00D 963 0086 505	CN.WAFER 7P			
CN202	nsp	00D 963 0086 505	CN.WAFER 7P			
CN600	nsp	00D 963 0097 303	CN.WAFER 15P			
CN701	nsp	00D 963 0086 709	CN.WAFER 11P			
CN702	nsp	00D 963 0086 204	CN.WAFER 19P			
CN703	nsp	00D 963 0110 701	CN.WAFER 14P			
CN703M	nsp	00D 963 0235 505	CN,WIRE 200MM/5P			
CN704	nsp	00D 963 0086 709	CN.WAFER 11P			
CP204	nsp	00D 963 0060 505	CN.WAFER 7P			
CP205X	nsp	00D 963 0097 604	CN.WAFER 6P			
CP556	nsp	00D 963 0060 703	CN.WAFER 15P			
CP701M	nsp	00D 963 0066 101	CN.WAFER 5P			
J604C	nsp	00D 963 0223 009	R,CHIP 0-J,1/16W			
JACK601D		00D 963 0146 306	TER,RCA 6PIN			
JACK602D		00D 963 0146 306	TER,RCA 6PIN			
JK201M		00D 963 0158 501	TER,RCA 2PIN	for AVR2106E3 for AVR2106E3		
JK202RM		00D 963 0255 705	MINI-JACK, D3.5			
JK701		00D 960 0268 803	TER,RCA 6PIN			
JK702		00D 963 0146 209	TER,RCA 4PIN			
JK703		00D 963 0146 209	TER,RCA 4PIN			
JK704		00D 960 0188 103	TER,RCA 2PIN			
JK706V		00D 963 0218 001	TER,RCA 2PIN			
JK707V		00D 963 0218 001	TER,RCA 2PIN			
JK708V		00D 963 0218 108	TER,RCA 3PIN			
L1000	nsp	00D 963 0145 200	COIL,INDUCTOR 27UH			
L1001	nsp	00D 960 0128 008	COIL,INDUCTOR 100UH			
L1002	nsp	00D 963 0145 200	COIL,INDUCTOR 27UH			
L1003	nsp	00D 963 0234 603	COIL,BEAD			
L1004	nsp	00D 963 0145 200	COIL,INDUCTOR 27UH			
L1005	nsp	00D 963 0145 103	COIL,INDUCTOR 22UH			
L1006	nsp	00D 960 0128 008	COIL,INDUCTOR 100UH			
L1007	nsp	00D 960 0128 008	COIL,INDUCTOR 100UH			
L1008	nsp	00D 963 0234 603	COIL,BEAD			
RL701		00D 963 0218 409	RELAY BC3-12			
RL701B		00D 963 0218 409	RELAY BC3-12			
RLY601		00D 963 0218 302	RELAY BC3-6			
RLY602		00D 963 0218 302	RELAY BC3-6			
RLY603		00D 963 0218 302	RELAY BC3-6			
RLY604		00D 963 0218 302	RELAY BC3-6			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
RLY605		00D 963 0218 302	RELAY BC3-6			
RLY606		00D 963 0218 302	RELAY BC3-6			
RLY607		00D 963 0218 302	RELAY BC3-6			
RLY608		00D 963 0218 302	RELAY BC3-6			
XTAL1000		00D 963 0217 400	CRYSTAL 14.31818MHZ			
XTAL1150		00D 963 0234 807	CRYSTAL 3.579545MHZ			
XTAL1151		00D 963 0234 904	CRYSTAL CSB503F30			
		00D 963 0158 200	EARPHONE JACK, D3.5			
		-	CUSHION (24*18*4.5t)			
	nsp	00D 963 0094 102	PLATE			

**EXT-IN P.W.B. UNIT ASS'Y**

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>							
	IC201		00D 960 0174 104	IC CXA1511M			
	IC201X		00D 262 3517 907	IC F2602-01-TR			
	IC202		00D 262 3351 901	IC LMS202IMX +C	for AVR2106E3		
	IC202X		00D 262 2517 908	IC SN74LV08APW-EL2 +REF			
	IC203		00D 262 3174 900	IC SN74AHCT08NS +C	for AVR2106E3		
	IC203X		00D 262 2813 903	IC SN74AHCT08PW-EL2 +C			
	IC204		00D 960 0296 105	IC CJ7812F			
	IC204X		00D 963 0111 603	IC RC1117-3.3			
	IC205X		00D 262 3332 904	IC PCM1791ADBR +REF			
	IC206X		00D 963 0202 305	IC NJM2068M			
	IC207X		00D 263 1092 003	IC BA05T			
	IC208X		00D 963 0218 807	IC BU4094BCF			
	Q201RM		00D 960 0097 003	TR KRA104M			
	Q201RM1		00D 960 0097 003	TR KRA104M			
	Q201X		00D 960 0097 304	TR KRC102M			
	Q202		00D 963 0121 606	TR KRC107S	for AVR2106E3		
	Q203		00D 963 0148 508	TR KTA1504S	for AVR2106E3		
	Q203X		00D 960 0097 304	TR KRC102M			
	Q204X		00D 960 0097 304	TR KRC102M			
	Q205X		00D 960 0097 304	TR KRC102M			
	Q206X		00D 960 0097 207	TR KRA102M			
	Q207X		00D 960 0097 207	TR KRA102M			
	Q208X		00D 960 0196 603	TR KTC2874B			
	Q209X		00D 960 0196 603	TR KTC2874B			
	Q210X		00D 960 0196 603	TR KTC2874B			
	Q211X		00D 960 0196 603	TR KTC2874B			
	D201X		00D 963 0219 709	D, 1N4148W			
	D202X		00D 963 0219 709	D, 1N4148W			
	D203X		00D 963 0219 709	D, 1N4148W			
	D204X		00D 963 0219 709	D, 1N4148W			
	D205X		00D 963 0219 709	D, 1N4148W			
	D206X		00D 963 0219 709	D, 1N4148W			
	D207X		00D 963 0219 709	D, 1N4148W			
	ZD201RM		00D 960 0095 704	D,ZENER MTZJ6.2B			
<b>CAPACITORS GROUP</b>							
	C201PC	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
	C201PFL	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
	C201PFR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
	C201PSL	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
	C201PSR	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
	C201PSW	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
	C201X	nsp	00D 963 9006 528	C,CERAMIC CHIP 20PF-J/50V			
	C202X	nsp	00D 963 9006 528	C,CERAMIC CHIP 20PF-J/50V			
	C203RM	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
	C203X	nsp	00D 963 9006 528	C,CERAMIC CHIP 20PF-J/50V			
	C204RM		00D 963 9005 749	C,ELECT 1UF-M/50V			
	C204X	nsp	00D 963 9006 528	C,CERAMIC CHIP 20PF-J/50V			
	C205RM		00D 960 9008 653	C,FILM 0.012UF-J/100V			
	C205X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
	C206RM		00D 963 9005 862	C,ELECT 47UF-M/16V			
	C206X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
	C207RM		00D 960 9008 653	C,FILM 0.012UF-J/100V			
	C207X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
	C208RM	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
	C208X		00D 963 9005 778	C,ELECT 10UF-M/50V			
	C209RM		00D 963 9005 749	C,ELECT 1UF-M/50V			
	C209X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C211		00D 963 9005 804	C,ELECT 100UF-M/25V			
C212		00D 963 9005 778	C,ELECT 10UF-M/50V			
C212X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C213		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C213X	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C215		00D 960 9009 911	C,ELECT 100UF-M/10V	for AVR2106E3		
C215X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C216	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V	for AVR2106E3		
C216X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C217	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V	for AVR2106E3		
C217X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C218		00D 963 9005 927	C,ELECT 0.1UF-M/50V	for AVR2106E3		
C218X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C219		00D 963 0233 303	C,CERAMIC 0.01UF-M/16V			
C219X	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C220		00D 963 9005 927	C,ELECT 0.1UF-M/50V	for AVR2106E3		
C220X	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C221		00D 963 9005 927	C,ELECT 0.1UF-M/50V	for AVR2106E3		
C221X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C222	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V	for AVR2106E3		
C222X	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C223	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V	for AVR2106E3		
C223X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C224	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V	for AVR2106E3		
C224X		00D 963 9005 804	C,ELECT 100UF-M/25V			
C225	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C225X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C226	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C226X		00D 960 9009 911	C,ELECT 100UF-M/10V			
C227	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C227X	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C228	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C228X	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C229		00D 963 9005 927	C,ELECT 0.1UF-M/50V	for AVR2106E3		
C229X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C230	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C230X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C231X		00D 963 9005 927	C,ELECT 0.1UF-M/50V			
C232X	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C233		00D 963 9005 778	C,ELECT 10UF-M/50V			
C233X	nsp	00D 960 9009 843	C,CERAMIC CHIP 1800PF-K/50V			
C234X	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C235X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C236X	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C237X	nsp	00D 960 9009 843	C,CERAMIC CHIP 1800PF-K/50V			
C238X	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C239X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C240X		00D 960 9010 476	C,ELECT 22UF-M/50V			
C241X		00D 960 9010 476	C,ELECT 22UF-M/50V			
C242X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C243X		00D 963 9005 778	C,ELECT 10UF-M/50V			
C244X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C245X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C246X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C247X	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C248X	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C249X	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C250X	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
<b>OTHER PARTS GROUP</b>						
BD201	nsp	00D 963 0154 602	BEAD,COIL			
BD201RM	nsp	00D 963 0154 602	BEAD,COIL			
BD201X	nsp	00D 963 0234 603	COIL,BEAD			
BD202	nsp	00D 963 0154 602	BEAD,COIL			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
BD202X	nsp	00D 963 0234 603	COIL,BEAD	for AVR2106E3 for AVR2106E3		
BD203	nsp	00D 963 0234 603	COIL,BEAD			
BD204	nsp	00D 963 0234 603	COIL,BEAD			
BD205	nsp	00D 963 0234 603	COIL,BEAD			
BD206	nsp	00D 963 0220 002	BEAD,COIL 121JT	for AVR2106E3		
BD207	nsp	00D 963 0220 002	BEAD,COIL 121JT	for AVR2106E3		
BD208	nsp	00D 963 0220 002	BEAD,COIL 121JT	for AVR2106E3		
BD209	nsp	00D 963 0220 002	BEAD,COIL 121JT	for AVR2106E3		
CN201	nsp	00D 963 0086 107	CN.WAFER 16P			
CN201X	nsp	00D 963 0255 909	CN,WIRE 120MM/4P			*
CN202	nsp	00D 963 0097 303	CN.WAFER 15P			
CN204	nsp	00D 963 0256 209	CN,WIRE 70MM/7P			*
CN204X	nsp	00D 963 0097 206	CN.WAFER 8P			
CN205X	nsp	00D 963 0256 102	CN,WIRE 70MM/6P			*
CP202X	nsp	00D 963 0060 709	CN.WAFER 8P			
CP203		00D 963 0149 303	CN.FPC 15P			
CP203X	nsp	00D 963 0068 303	CN.WAFER 9P			
JACK203		00D 963 0256 500	CN.9P D-SUB	for AVR2106E3		*
L201X	nsp	00D 963 0145 103	COIL,INDUCTOR 22UH			
L202X	nsp	00D 963 0145 103	COIL,INDUCTOR 22UH			
X202X		00D 262 3516 908	FCXO-03L(45.1584MHZ)			
		00D 963 0244 703	EARPHONE JACK, D3.5			
		00D 963 0146 209	TER,RCA 4PIN			
		00D 960 0268 803	TER,RCA 6PIN			
	nsp	-	CUSHION (24*18*4.5t)			
	nsp	00D 963 0094 102	PLATE			



**DSP P.W.B. UNIT ASS'Y**

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>							
	IC801		00D 963 0237 503	JSR1165-C /OPTICAL			
	IC802		00D 963 0237 503	JSR1165-C /OPTICAL			
	IC803		00D 963 0237 503	JSR1165-C /OPTICAL			
	IC804		00D 262 3534 003	IC ADSP-21266SKSTZ-2B-E			*
	IC805		00D 262 3538 009	IC LH28F160BJE-BTL90			*
	IC806		00D 262 3536 001	IC AS7C34096A-10TCN			*
	IC807		00D 262 3066 102	IC LC89057W-VF4-E(AC) +REF			
	IC808		00D 262 3535 002	IC AD1837AASZ			*
	IC809		00D 960 0266 805	IC MM74LCX244			
	IC810		00D 960 0266 805	IC MM74LCX244			
	IC811		00D 960 0266 805	IC MM74LCX244			
	IC812		00D 960 0266 902	IC MM74HCT244			
	IC814		00D 963 0218 904	IC MM74HCT00MTCX			
	IC815		00D 963 0218 904	IC MM74HCT00MTCX			
	IC815A		00D 963 0043 807	IC BA4510F			
	IC816		00D 262 2870 904	IC 74LVX157MTC +C			
	IC816A		00D 963 0043 807	IC BA4510F			
	IC817		00D 262 3536 001	IC AS7C34096A-10TCN			*
	IC817A		00D 963 0202 305	IC NJM2068M			
	IC818		00D 262 2642 909	IC SN74LV573APWR +REF			
	IC818A		00D 963 0202 305	IC NJM2068M			
	IC819		00D 262 2642 909	IC SN74LV573APWR +REF			
	IC819A		00D 963 0202 305	IC NJM2068M			
	IC820		00D 262 3339 907	IC SN74LVC139APWR +REF			
	IC820A		00D 963 0202 305	IC NJM2068M			
	IC821		00D 262 2870 904	IC 74LCX74MTC			
	IC822		00D 960 0296 008	IC CJ7805F			
	IC823		00D 963 0111 603	IC RC1117-3.3			
	IC824		00D 963 0147 509	IC RC1117-1.2			
	IC825		00D 262 2870 904	IC 74LCX74MTC			
	IC826		00D 963 0225 104	JST1165-B /OPTICAL			
	IC827		00D 963 0219 107	IC MM74HC151MTCX			
	IC828		00D 963 0219 000	IC 74VHCU04			
	IC829		00D 963 0244 907	IC SN74LV14APWR			
	Q804C		00D 960 0196 603	TR KTC2874B			
	Q804FL		00D 960 0196 603	TR KTC2874B			
	Q804FR		00D 960 0196 603	TR KTC2874B			
	Q804SBL		00D 960 0196 603	TR KTC2874B			
	Q804SBR		00D 960 0196 603	TR KTC2874B			
	Q804SL		00D 960 0196 603	TR KTC2874B			
	Q804SR		00D 960 0196 603	TR KTC2874B			
	Q804SW		00D 960 0196 603	TR KTC2874B			
	Q808		00D 963 0120 801	TR KRC102S			
	Q809		00D 963 0120 704	TR KRA102S			
	Q810		00D 963 0120 704	TR KRA102S			
	Q811		00D 963 0245 100	D, KDS226S			
	Q812		00D 963 0245 100	D, KDS226S			
	D803		00D 963 0219 709	D, 1N4148W			
<b>RESISTORS GROUP</b>							
	R831	nsp	00D 963 0234 603	COIL,BEAD			
	R832	nsp	00D 963 0234 603	COIL,BEAD			
	R833	nsp	00D 963 0234 603	COIL,BEAD			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>CAPACITORS GROUP</b>						
C801	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C802	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C803	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C804	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C806	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C807	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C808		00D 963 9005 862	C,ELECT 47UF-M/16V			
C809	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C810		00D 963 9005 862	C,ELECT 47UF-M/16V			
C811	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C812		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C813	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C814		00D 963 9005 862	C,ELECT 47UF-M/16V			
C815		00D 960 0298 802	C,ELECT 470UF-M/6.3V			
C816	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C817		00D 963 9005 778	C,ELECT 10UF-M/50V			
C818		00D 963 9005 749	C,ELECT 1UF-M/50V			
C819		00D 963 9005 901	C,ELECT 470UF-M/10V			
C820		00D 963 9005 862	C,ELECT 47UF-M/16V			
C821		00D 963 0216 906	C,ELECT 1000UF-M/6.3V			
C823		00D 960 0298 802	C,ELECT 470UF-M/6.3V			
C824	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C825		00D 960 9010 010	C,ELECT 4.7UF-M/50V			
C830		00D 963 9005 901	C,ELECT 470UF-M/10V			
C832	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C833	nsp	00D 963 0233 905	C,CERAMIC CHIP 0.015UF-K/50V			
C834	nsp	00D 963 0233 905	C,CERAMIC CHIP 0.015UF-K/50V			
C835	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C836	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C837	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C838	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C839	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C840	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C841	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C842	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C844	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C845	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C846	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C847	nsp	00D 963 9004 591	C,CERAMIC CHIP 22PF-J/50V			
C848	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C849	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C850	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C851	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C852	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C853	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C854	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C855	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C856	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C857	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C858	nsp	00D 963 0224 202	C,CERAMIC CHIP 0.022UF-K/25V			
C859	nsp	00D 963 0246 507	C,CERAMIC CHIP 0.068UF-K/50V			
C860	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C861	nsp	00D 963 9005 998	C,CERAMIC CHIP 24PF-J/50V			
C862	nsp	00D 963 9005 998	C,CERAMIC CHIP 24PF-J/50V			
C863	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C864	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C864L		00D 963 9005 862	C,ELECT 47UF-M/16V			
C864R		00D 963 9005 862	C,ELECT 47UF-M/16V			
C865	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C865L	nsp	00D 963 9005 723	C,CERAMIC CHIP 120PF-J/50V			
C865R	nsp	00D 963 9005 723	C,CERAMIC CHIP 120PF-J/50V			
C866	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C867	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C868	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C869	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C869L	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C869R	nsp	00D 963 0223 601	C,CERAMIC CHIP 100PF-J/50V			
C870	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C871	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C871L		00D 963 0216 304	C,FILM 0.001UF-J/100V			
C871R		00D 963 0216 304	C,FILM 0.001UF-J/100V			
C872	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C873		00D 963 9005 804	C,ELECT 100UF-M/25V			
C873C	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C873FL	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C873FR	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C873SBL	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C873SBR	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C873SL	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C873SR	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C873SW	nsp	00D 963 9004 672	C,CERAMIC CHIP 680pF-J 50V			
C874		00D 963 9005 804	C,ELECT 100UF-M/25V			
C874C	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C874FL	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C874FR	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C874SBL	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C874SBR	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C874SL	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C874SR	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C874SW	nsp	00D 963 9006 146	C,CERAMIC CHIP 560PF-J/50V			
C875	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C875C		00D 963 9005 778	C,ELECT 10UF-M/50V			
C875FL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C875FR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C875SBL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C875SBR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C875SL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C875SR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C875SW		00D 963 9005 778	C,ELECT 10UF-M/50V			
C876	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C876C		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C876FL		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C876FR		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C876SBL		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C876SBR		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C876SL		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C876SR		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C876SW		00D 963 9003 194	C,FILM 0.0022UF-J/100V			
C877	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C878	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C879	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C880	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C880C		00D 963 9005 778	C,ELECT 10UF-M/50V			
C880FL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C880FR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C880SBL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C880SBR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C880SL		00D 963 9005 778	C,ELECT 10UF-M/50V			
C880SR		00D 963 9005 778	C,ELECT 10UF-M/50V			
C880SW		00D 963 9005 778	C,ELECT 10UF-M/50V			
C881	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C882	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C883	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C884	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C885		00D 963 9005 778	C,ELECT 10UF-M/50V			
C886	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C887		00D 963 9005 778	C,ELECT 10UF-M/50V			
C888	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C889	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C890	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C891	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			


Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C892		00D 963 9005 778	C,ELECT 10UF-M/50V			
C893		00D 963 9005 749	C,ELECT 1UF-M/50V			
C894	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C895		00D 963 0216 508	C,FILM 0.12UF-J/63V			
C896		00D 963 9005 927	C,ELECT 0.1UF-M/50V			
C897	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C898	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C899		00D 963 9005 778	C,ELECT 10UF-M/50V			
C900		00D 963 9005 778	C,ELECT 10UF-M/50V			
C901	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C902		00D 963 9005 901	C,ELECT 470UF-M/10V			
C903	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C904		00D 963 9005 778	C,ELECT 10UF-M/50V			
C905	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C906	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C907		00D 960 9009 911	C,ELECT 100UF-M/10V			
C908		00D 963 9005 778	C,ELECT 10UF-M/50V			
C909	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C910		00D 963 9005 778	C,ELECT 10UF-M/50V			
C911	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C912	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C913	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C914	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C917	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C919	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
C921	nsp	00D 963 9004 698	C,CERAMIC CHIP 0.01UF-K/50V			
<b>OTHER PARTS GROUP</b>						
CB801	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CB802	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CB803	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CB804	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CB805	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CB806	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CB810	nsp	00D 963 0220 002	BEAD,COIL 121JT			
CN801	nsp	00D 963 0086 301	CN.WAFER 18P			
CN802	nsp	00D 963 0086 204	CN.WAFER 19P			
CN803	nsp	00D 963 0110 701	CN.WAFER 14P			
CP201X	nsp	00D 963 0235 903	CN.WAFER 4P			
JACK801		00D 963 0217 905	TER,RCA 2PIN			
JACK803		00D 205 1362 009	XM/DT BUS CONNECTOR			
L801	nsp	00D 963 0050 803	COIL,INDUCTOR 4.7UH			
L802	nsp	00D 963 0050 803	COIL,INDUCTOR 4.7UH			
L803	nsp	00D 963 0050 803	COIL,INDUCTOR 4.7UH			
L804	nsp	00D 963 0050 803	COIL,INDUCTOR 4.7UH			
XTAL1		00D 963 0217 303	CRYSTAL 12.288MHZ			
XTAL2		00D 963 0234 700	CRYSTAL 25.000MHZ			


2ch AMP P.W.B. UNIT ASS'Y

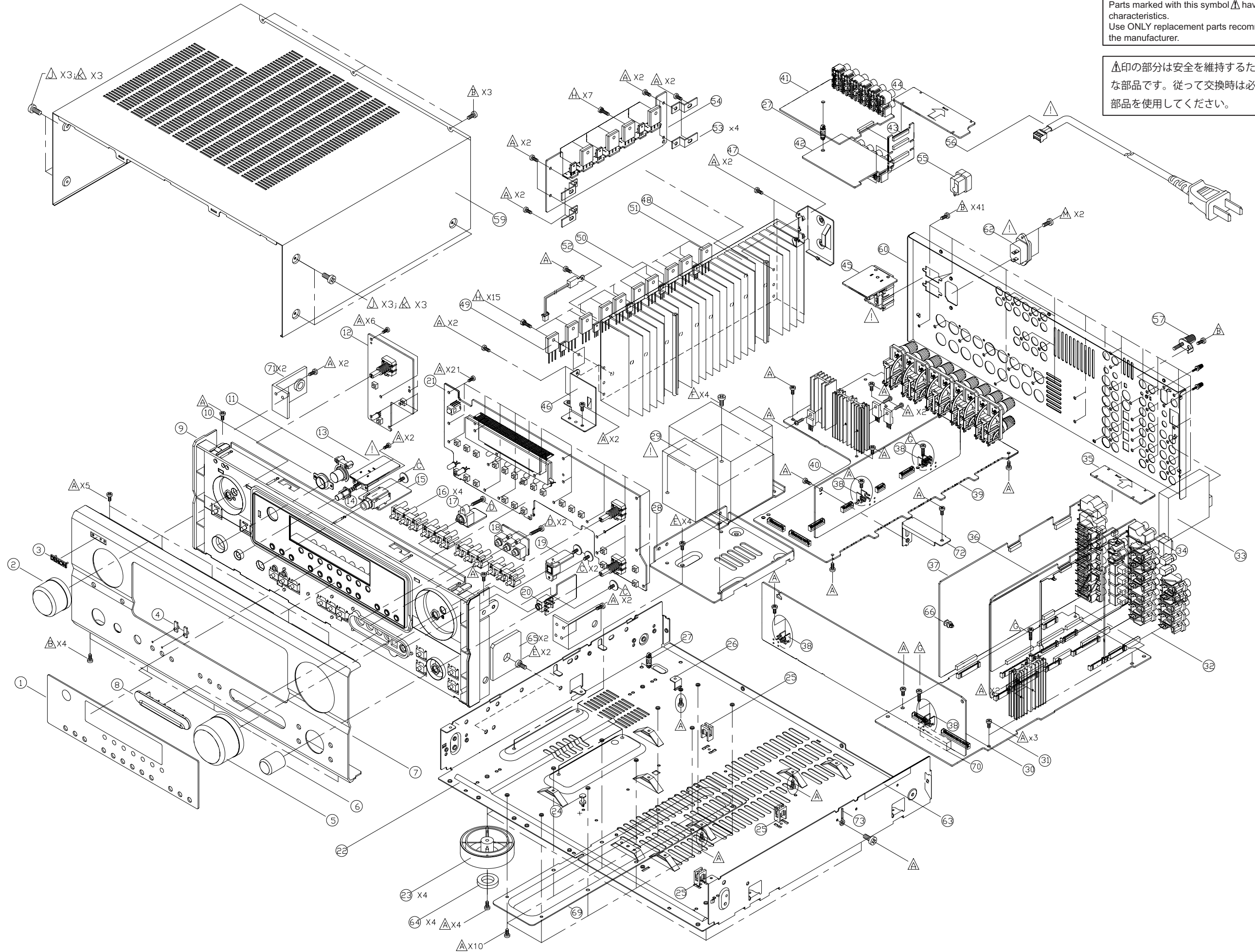
Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SEMICONDUCTORS GROUP</b>						
IC102X IC103X		00D 263 1092 003 00D 263 1223 005	IC BA05T IC PQ20RX11J00H			
Q101SBL		00D 963 0235 301	TR 2SD2560Y			
Q101SBR Q101X Q102SBL Q102SBR Q102X		00D 963 0235 301 00D 960 0097 304 00D 963 0235 204 00D 963 0235 204 00D 960 0097 304	TR 2SD2560Y TR KRC102M TR 2SB1647Y TR 2SB1647Y TR KRC102M			
Q103SBL Q103SBR Q104SBL Q104SBR		00D 963 0058 106 00D 963 0058 106 00D 960 0196 506 00D 960 0196 506	TR 2SD947F TR 2SD947F TR KSC1845F TR KSC1845F			
D102X D102X1 D106 D107		00D 963 0058 407 00D 963 0058 407 00D 963 0020 309 00D 963 0020 309	D, 1N4007 D, 1N4007 D, 1SS133 D, 1SS133			
<b>RESISTORS GROUP</b>						
R104SBL R104SBR		00D 963 9006 285 00D 963 9006 285	R, FIXED 1WJ-5.6K R, FIXED 1WJ-5.6K			
R105SBL R105SBR R106SBL R106SBR R107SBL		00D 963 9006 285 00D 963 9006 285 00D 963 0215 907 00D 963 0215 907 00D 963 0215 907	R, FIXED 1WJ-5.6K R, FIXED 1WJ-5.6K R, METAL FILM 4.7-J, 1W R, METAL FILM 4.7-J, 1W R, METAL FILM 4.7-J, 1W			
R107SBR R108SBL R108SBR R109SBL R109SBR		00D 963 0215 907 00D 963 9006 269 00D 963 9006 269 00D 963 9006 269 00D 963 9006 269	R, METAL FILM 4.7-J, 1W R, FIXED 1WJ-0.22 R, FIXED 1WJ-0.22 R, FIXED 1WJ-0.22 R, FIXED 1WJ-0.22			
R110SBL R110SBR R111SBL R111SBR R118SBL		00D 963 9006 269 00D 963 9006 269 00D 963 9006 269 00D 963 9006 269 00D 963 9006 256	R, FIXED 1WJ-0.22 R, FIXED 1WJ-0.22 R, FIXED 1WJ-0.22 R, FIXED 1WJ-0.22 R, FIXED 1WJ-10			
R118SBR R119SBL R119SBR		00D 963 9006 256 00D 963 9006 256 00D 963 9006 256	R, FIXED 1WJ-10 R, FIXED 1WJ-10 R, FIXED 1WJ-10			
VR106		00D 963 0105 208	VR, SEMI 1KB			
VR107		00D 963 0105 208	VR, SEMI 1KB			
<b>CAPACITORS GROUP</b>						
C101SBL C101SBR C101X C102SBL C102SBR		00D 963 0234 506 00D 963 0234 506 00D 963 9003 097 00D 963 0234 205 00D 963 0234 205	C, ELECT 47UF-M/50V C, ELECT 47UF-M/50V C, FILM 0.1UF-K/250V C, ELECT 10UF-M/50V C, ELECT 10UF-M/50V			
C103SBL C103SBR C103X C104SBL C104SBR		00D 963 9003 084 00D 963 9003 084 00D 963 0255 501 00D 963 9003 084 00D 963 9003 084	C, CERAMIC 100PF-K/500V C, CERAMIC 100PF-K/500V C, ELECT 18000UF-M/16V C, CERAMIC 100PF-K/500V C, CERAMIC 100PF-K/500V			*
C104X C105SBL C105SBR C105X		00D 963 9005 794 00D 960 9008 640 00D 960 9008 640 00D 963 9005 794	C, ELECT 100UF-M/16V C, FILM 0.022UF-J/100V C, FILM 0.022UF-J/100V C, ELECT 100UF-M/16V			

Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
C106X	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
C106X1	nsp	00D 963 9004 708	C,CERAMIC CHIP 0.1UF-K/50V			
C107SBL		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C107SBR		00D 963 9003 097	C,FILM 0.1UF-K/250V			
C107X		00D 963 9005 794	C,ELECT 100UF-M/16V			
C108X	nsp	00D 963 0224 105	C,CERAMIC CHIP 1000PF-K/50V			
<b>OTHER PARTS GROUP</b>						
CN102X	nsp	00D 963 0256 306	CN,WIRE 90MM/5P			*
CN506T	nsp	00D 963 0245 401	CN,WIRE 140MM/15P			
CP101X	nsp	00D 960 0123 207	CN.WAFER 3P			
CP992	nsp	00D 960 0217 553	CN.WAFER 4P			
⚠ F101X		00D 963 0256 607	FUSE T2A/250V			*
L101SBL	nsp	00D 963 0049 005	COIL,INDUCTOR 0.5UH			
L101SBR	nsp	00D 963 0049 005	COIL,INDUCTOR 0.5UH			
TP106	nsp	00D 963 0207 203	CN.WAFER 3P			
TP107	nsp	00D 963 0207 203	CN.WAFER 3P			
	nsp	00D 960 0005 804	HOLDER,FUSE CLIP	for F101XA		
	nsp	00D 960 0005 804	HOLDER,FUSE CLIP	for F101XB		

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.  
 E3 : U.S.A. & Canada model (AVR-2106)  
 E3 : U.S.A. & Canada model (AVR-886)

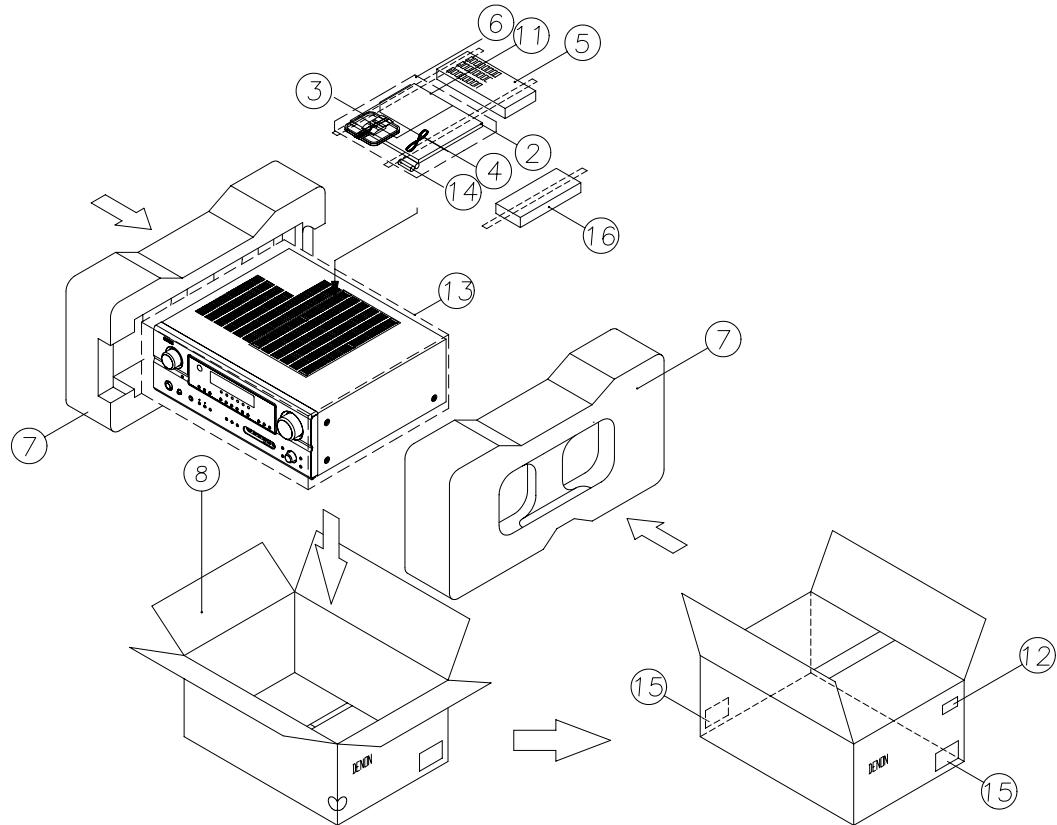
Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
39A	nsp	00D 963 0254 405	MAIN P.W.B. Ass'y		1	*
39		-	MAIN P.W.B.			
12		-	SWITCH P.W.B.			
15		-	HEADPHONE P.W.B.			
13		-	POWER SWITCH P.W.B.			
44		-	VIDEO CNT P.W.B.			
31A	nsp	00D 963 0254 502	CPU P.W.B. Ass'y	for AVR2106E3	1	*
31A	nsp	00D 963 0255 103	CPU P.W.B. Ass'y	for AVR886E3	1	*
31		-	CPU P.W.B.			
21		-	FRONT P.W.B.			
19		-	FRONT OPTICAL P.W.B.			
17		-	FRONT S-VIDEO P.W.B.			
18		-	V.AUX P.W.B.			
35		-	INPUT-CNT P.W.B.	for AVR2106E3		
30A	nsp	00D 963 0254 609	CNT P.W.B. Ass'y		1	*
30		-	CNT P.W.B.			
40		-	PRE AMP P.W.B.			
43		-	VIDEO-PREOUT-CNT P.W.B.			
42		-	PRE OUT P.W.B.			
45		-	OUTLET P.W.B.			
34A	nsp	00D 963 0254 706	INPUT P.W.B. Ass'y	for AVR2106E3	1	*
34A	nsp	00D 963 0255 200	INPUT P.W.B. Ass'y	for AVR886E3	1	*
34		-	INPUT P.W.B.			
37		-	VIDEO P.W.B.			
41		-	COMPONENT P.W.B.			
20		-	MIC P.W.B.			
32A	nsp	00D 963 0254 803	EXT-IN P.W.B. Ass'y	for AVR2106E3	1	*
32A	nsp	00D 963 0255 307	EXT-IN P.W.B. Ass'y	for AVR886E3	1	*
32		-	EXT-IN P.W.B.			
36A		00D 963 0254 900	DSP P.W.B. Ass'y		1	*
36		-	DSP P.W.B.			
54A	nsp	00D 963 0255 006	2CH AMP P.W.B. Ass'y		1	*
54		-	2CH-AMP P.W.B.			
1		00D 963 0214 704	WINDOW DISPLAY		1	
2		00D 963 0152 303	KNOB INPUT	for Black model	1	
2		00D 963 0152 400	KNOB INPUT	for Silver model	1	
3		00D 963 0051 501	BADGE DENON	for Black model	1	
3		00D 963 0051 527	BADGE DENON	for Silver model	1	
4		00D 963 0229 304	LENS LED		2	
5		00D 963 0152 604	KNOB VOLUME	for Black model	1	
5		00D 963 0152 701	KNOB VOLUME	for Silver model	1	



	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	6		00D 963 0152 905	KNOB SELECT	for Black model	1	
	6		00D 963 0153 001	KNOB SELECT	for Silver model	1	
	7		00D 963 0253 503	PANEL FRONT	for AVR2106E3	1	*
	7		00D 963 0253 600	PANEL FRONT	for AVR886E3	1	*
	8		00D 963 0151 809	COVER RCA	for Black model	1	
	8		00D 963 0151 906	COVER RCA	for Silver model	1	
	9		00D 963 0151 207	FRAME FRONT	for AVR2106E3	1	
	9		00D 963 0253 901	FRAME FRONT	for AVR886E3	1	*
	10		00D 963 0137 807	LENS STANDBY		1	
	11		00D 963 0184 106	BUTTON STANDBY	for Black model	1	
	11		00D 963 0190 501	BUTTON STANDBY	for Silver model	1	
	14		00D 963 0184 009	BUTTON POWER	for Black model	1	
	14		00D 963 0194 002	BUTTON POWER	for Silver model	1	
	16		00D 963 0094 801	BUTTON 3KEY(A)		4	
	22	nsp	00D 963 0228 703	CHASSIS MAIN		1	
	23	nsp	00D 963 0137 904	FOOT		4	
	24		-	SPACER CARD		1	
	25	nsp	00D 960 0003 301	SUPPORTER PCB		3	
	26	nsp	00D 960 0184 107	BRACKET SUPPORTER		1	
	27		-	SUPPORTER P.C.		2	
	28	nsp	00D 963 0229 401	BRACKET TRANS		1	
⚠	29		00D 963 0255 404	POWER TRANS		1	*
	33		00D 963 0145 608	TUNER PACK		1	
	46	nsp	00D 960 0184 301	BRACKET SINK-F		1	
	47	nsp	00D 960 0184 204	BRACKET SINK-B		1	
	48		-	HEAT SINK MAIN		1	
	49		00D 963 0235 204	TR 2SB1647Y	Q102C,102FL,102FR,102SL,102SR	5	
	50		00D 963 0235 301	TR 2SD2560Y	Q101C,101FL,101FR,101SL,101SR	5	
	51		00D 963 0058 106	TR 2SD947F	Q103C,103FL,103FR,103SL,103SR	5	
	52		00D 960 0187 900	POSISTOR P43T7D330BW16		1	
	53	nsp	00D 963 0101 600	BRACKET PCB		4	
	55	nsp	00D 960 0192 403	STOPPER CORD	for AVR886E3	1	
⚠	56		00D 963 0098 603	AC CORD	for AVR886E3	1	
	57		00D 960 0183 807	TERMINAL		1	
	59	nsp	00D 963 0183 806	CABINET TOP	for Black model	1	
	59	nsp	00D 963 0193 304	CABINET TOP	for Silver model	1	
	60	nsp	00D 963 0253 707	CHASSIS BACK	for AVR2106E3	1	*
⚠	60	nsp	00D 963 0253 804	CHASSIS BACK	for AVR886E3	1	*
	62		00D 963 0158 404	AC INLET	for AVR2106E3	1	
	63		-	TAPE ACETATE		1	
	64	nsp	00D 963 0214 607	CUSHION FOOT		4	
	65	nsp	00D 963 0191 403	CUSHION SIDE		2	
	66	nsp	00D 963 0192 606	SUPPORTER PCB		1	
	69		-	BRACKET BOTTOM		1	
	70	nsp	00D 963 0192 907	CUSHION PCB		1	
	71	nsp	00D 963 0138 000	BRACKET SIDE L/R	for AVR886E3	2	
	72		-	BRACKET PREAMP		1	
	73	nsp	-	CLAMP WIRE (L=50)		1	
	★ 74	nsp	00D 960 0155 301	CLAMP CABLE TIE		6	
	★ 75	nsp	00D 513 3333 005	LABEL (TRANS)		1	
	★ 76	nsp	00D 963 0193 207	LABEL FUSE CAUTION		1	
	★ 77	nsp	00D 963 0193 003	CABLE,FLAT CARD 15P L=150		1	
	★ 78	nsp	00D 963 0161 501	CABLE,FLAT CARD 23P L=200		1	
	★ 79		00D 963 0122 207	CN,WIRE 150MM/2P	for AVR2106E3	1	

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
<b>SCREWS</b>							
	A		00D 963 0018 007	SCREW (3X8 ZNY/BH)		102	
	B		00D 960 0108 701	SCREW (3X10 BK/BH DOT)		48	
	C		00D 960 9008 420	SCREW (3X8 ZNY WASHER PI12)		4	
	D		00D 963 9004 054	SCREW (3X15 ZNY/BH)		3	
	E		00D 963 0232 702	SCREW (4X6 ZNY/BH)		6	
	F		00D 960 9009 610	SCREW (4X10 P+S WASHER ZNY/BH)		4	
	G		00D 963 0018 104	SCREW (3X17 ZNY/BH)		3	
	H		00D 963 9006 175	SCREW (3X14 P+S WASHER ZNY/HH)		22	
	J		00D 963 0048 307	SCREW (4X8 BK/BH DOT)	for Black model	6	
	K		00D 963 9004 012	SCREW (4X8 NI/BH DOT)	for Silver model	6	
	M		00D 963 9006 735	SCREW (3X10 BK/FH)	for AVR2106E3	2	

# 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.

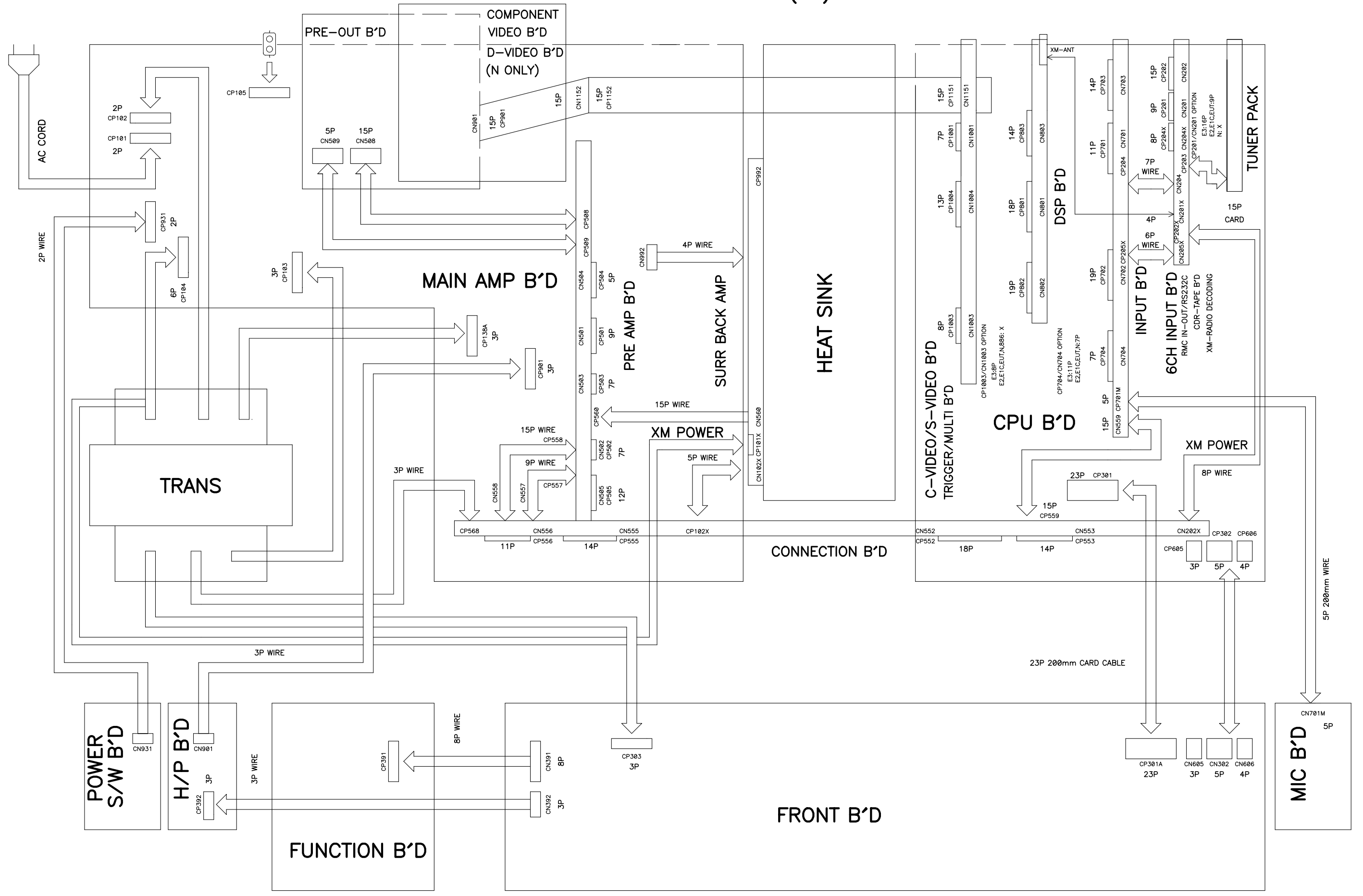
\* "nsp" 印の部品は常時在庫していませんので供給に長時間を要することがあります。場合によっては、供給をお断りする場合があります。  
 \* Part indicated with the mark "nsp" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.

**Note:** The symbols in the column "Remarks" indicate the following destinations.  
 E3 : U.S.A. & Canada model (AVR-2106)  
 E3 : U.S.A. & Canada model (AVR-886)

	Ref. No.	nsp	Part No.	Part Name	Remarks	Q'ty	New
	2		00D 963 0254 007	INSTRUCTION MANUAL	for AVR2106E3	1	*
	2		00D 963 0254 104	INSTRUCTION MANUAL	for AVR886E3	1	*
	3		00D 231 0089 007	AM ANTENNA WIRE		1	
	4		00D 963 0158 006	FM ANTENNA WIRE		1	
	5		00D 399 0995 060	REMOTE CONTROL RC-1015	for AVR2106E3	1	*
	5		00D 399 0995 044	REMOTE CONTROL RC-1004	for AVR886E3	1	*
	6	nsp	00D 963 0045 106	POLY BAG		1	
	7	nsp	00D 963 0112 709	CUSHION SNOW ASS'Y (L/R)		1	
	8	nsp	00D 963 0254 201	BOX,GIFT	for AVR2106E3	1	*
	8	nsp	00D 963 0254 308	BOX,GIFT	for AVR886E3	1	*
	11		-	S.S LIST		1	
	12		-	UPC LABEL	for AVR2106E3	1	
	12		-	UPC LABEL	for AVR886E3	1	
	13	nsp	00D 963 0241 405	PE,SHEET SET		1	
	14		-	BATTERY,DRY		2	
	15		-	CONTROL CARD		2	
	16		00D 321 0038 005	DM-S205		1	*
!	★ 17		00D 963 0256 403	AC CORD	for AVR2106E3	1	*
	★ 18		-	SERIAL NO. LABEL		1	
	★ 19		-	WARRANTY CARD, XM RADIO		1	
	★ 20		-	WARRANTY CARD		1	
	★ 21	nsp	-	LICENSE LABEL (DOLBY/DTS)	for AVR2106E3	1	

# WIRING DIAGRAM

## AVR 2106(E3) WIRING DIAGRAM



## NOTE FOR SCHEMATIC DIAGRAM

### WARNING:

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

### CAUTION:

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

### WARNING:

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

### NOTICE:

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

## 配線図について

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

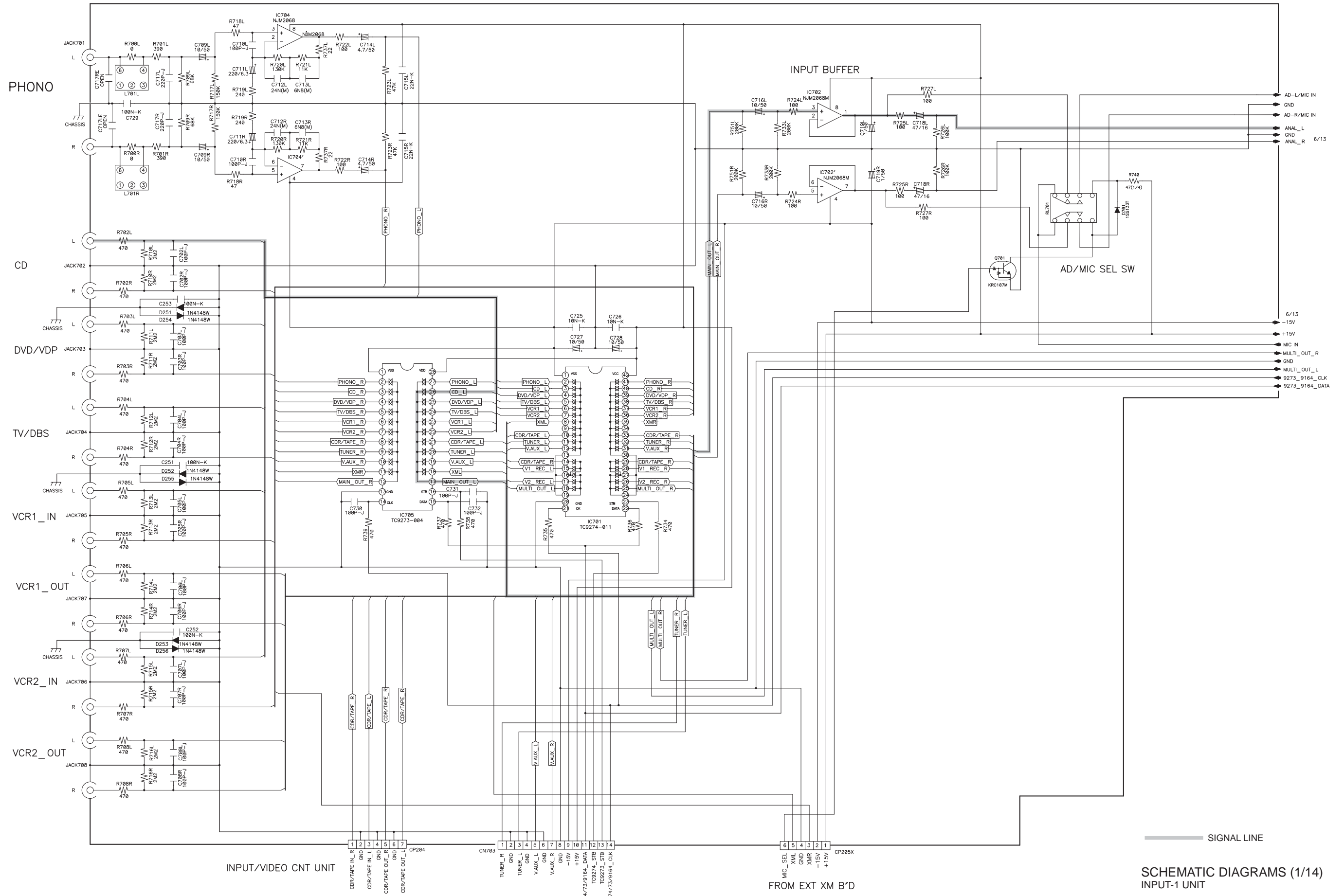
### 注)

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

SCHEMATIC DIAGRAMS (1/14)

1 2 3 4 5 6 7 8 9 10 11

INPUT B'D PART 1(E3)



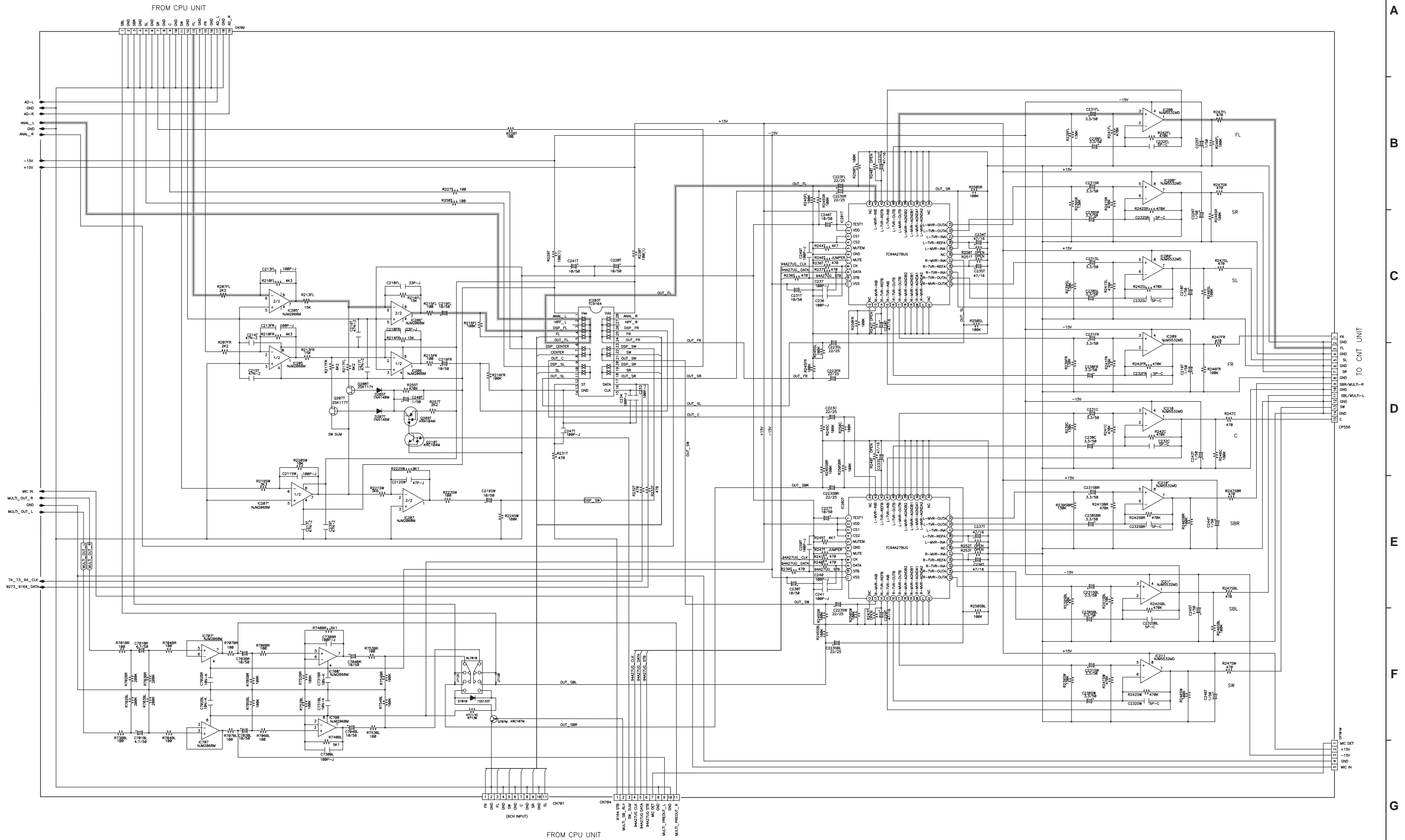
— SIGNAL LINE

SCHEMATIC DIAGRAMS (1/14)  
INPUT-1 UNIT

SCHEMATIC DIAGRAMS (2/14)

1 2 3 4 5 6 7 8 9 10 11

INPUT B'D PART 2(E3)

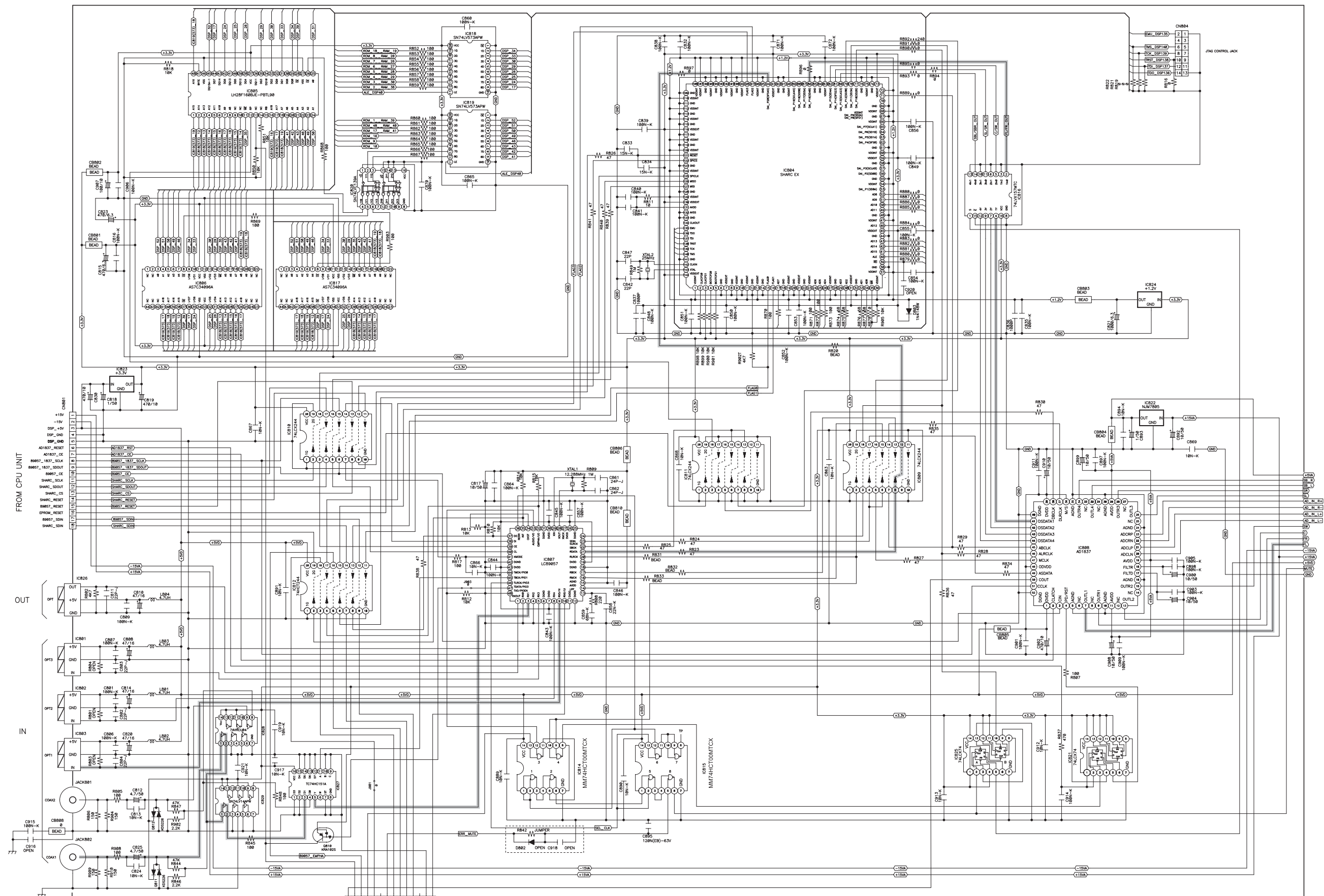


— SIGNAL LINE

SCHEMATIC DIAGRAMS (2/14)  
INPUT-2 UNIT

1 2 3 4 5 6 7 8 9 10 11

A  
B  
C  
D  
E  
F  
G  
H



A	INPUT SEL
L	D0(COAX2)
H	D1(COAX1)

FROM CPU UNIT

ES/N	E2/E1C/EUT
XTAL2	25MHZ
C842,C847	22P
J901	0
IC804	200MHZ
IC805	LH28F168BJE
Q810	KRAT025
R905	10K

DSP B'D OPTION		
J902	E3/N	E2/E1C/EUT
J903	0	X

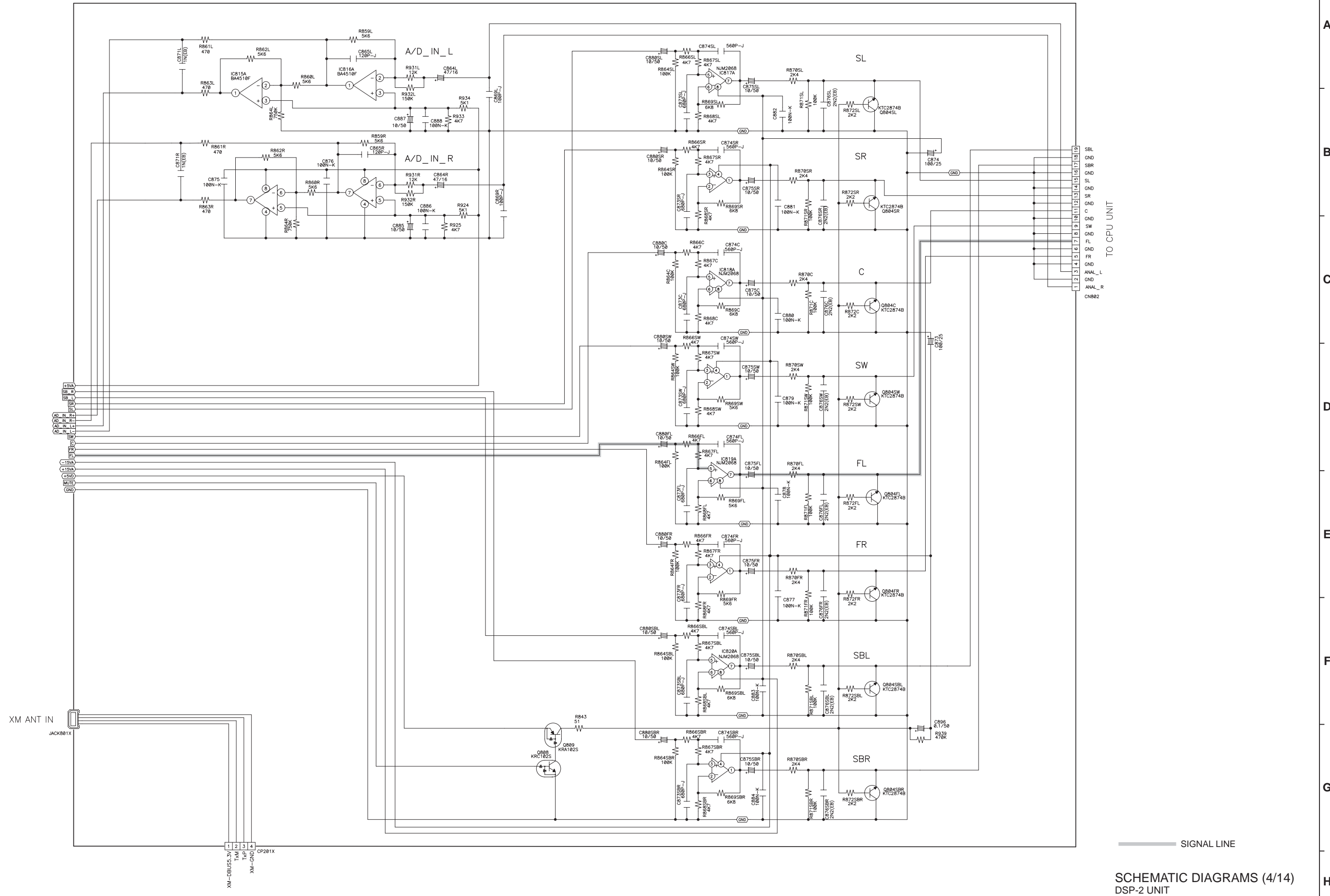
SIGNAL LINE

SCHEMATIC DIAGRAMS (3/14)  
DSP-1 UNIT



SCHEMATIC DIAGRAMS (4/14)

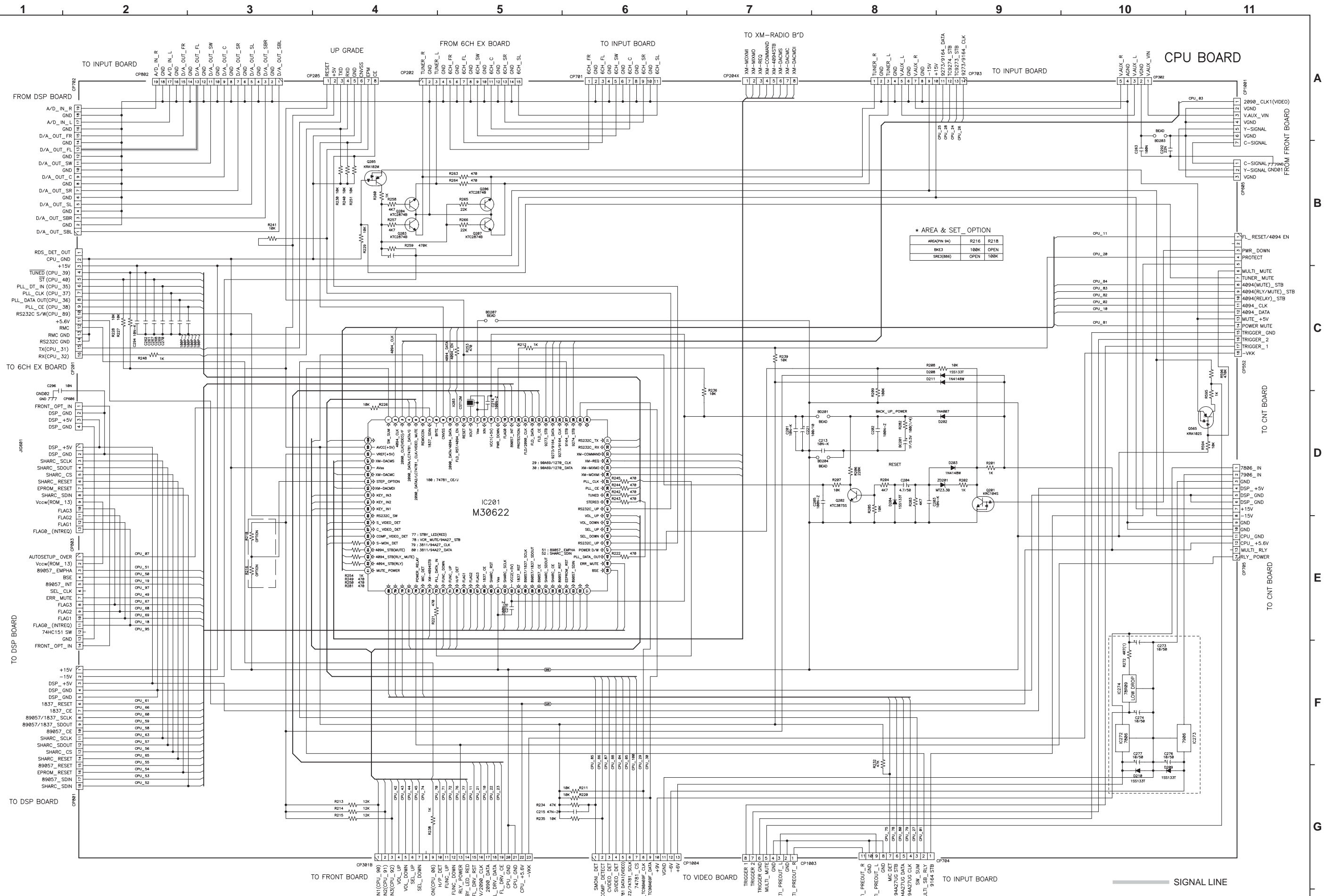
1 2 3 4 5 6 7 8 9 10 11



— SIGNAL LINE

SCHEMATIC DIAGRAMS (4/14)  
DSP-2 UNIT

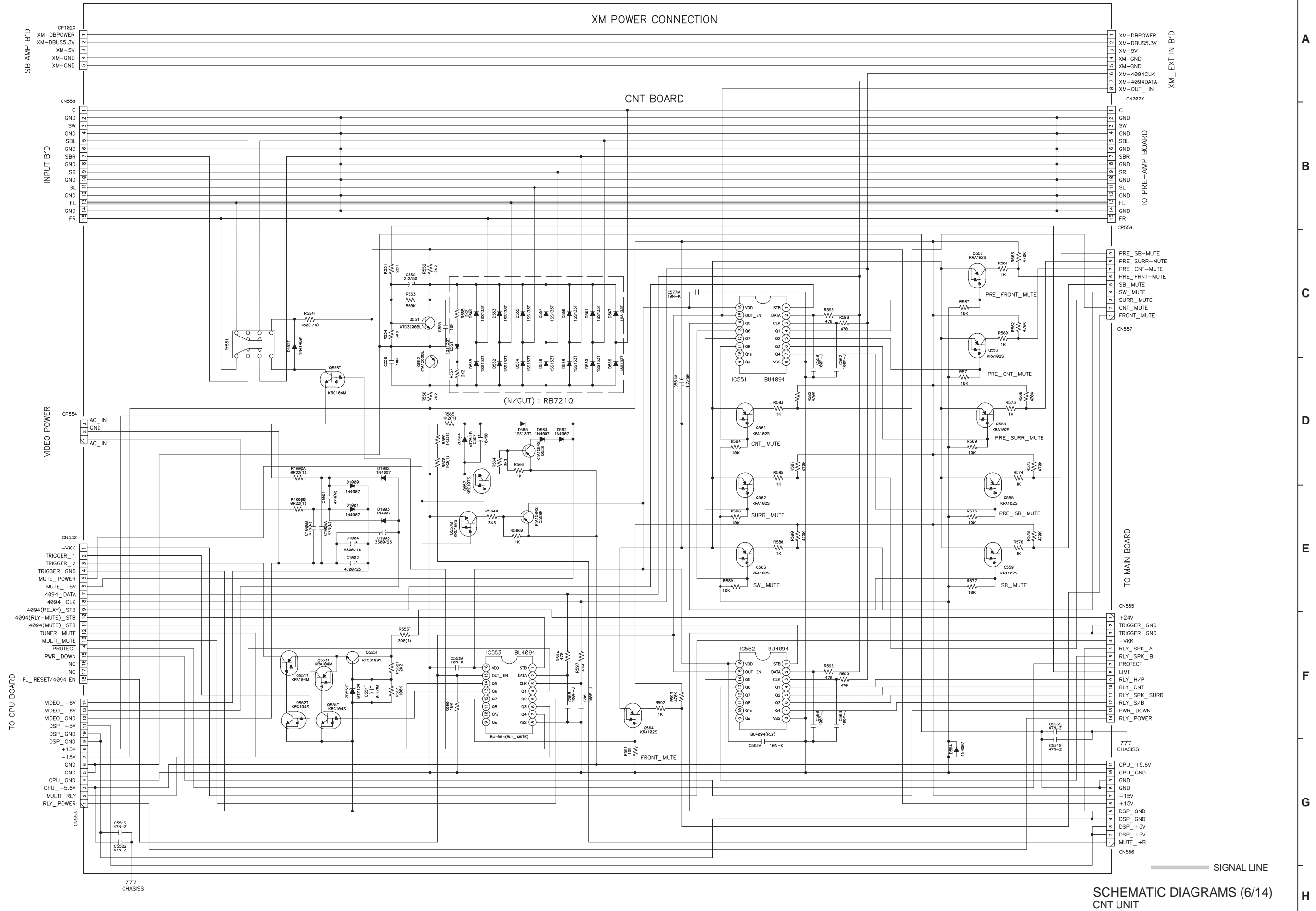
SCHEMATIC DIAGRAMS (5/14)



SCHEMATIC DIAGRAMS (5/14)  
CPU UNIT

SCHEMATIC DIAGRAMS (6/14)

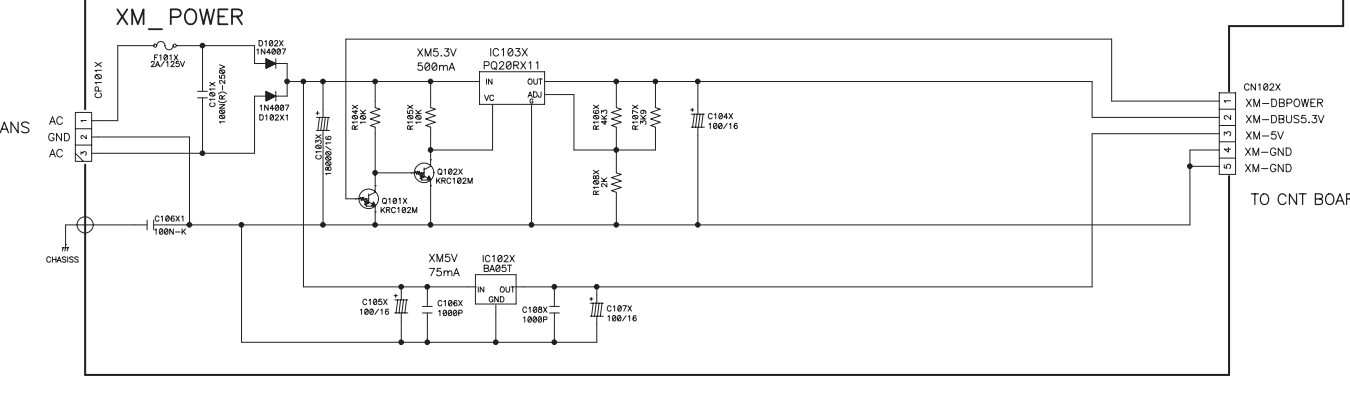
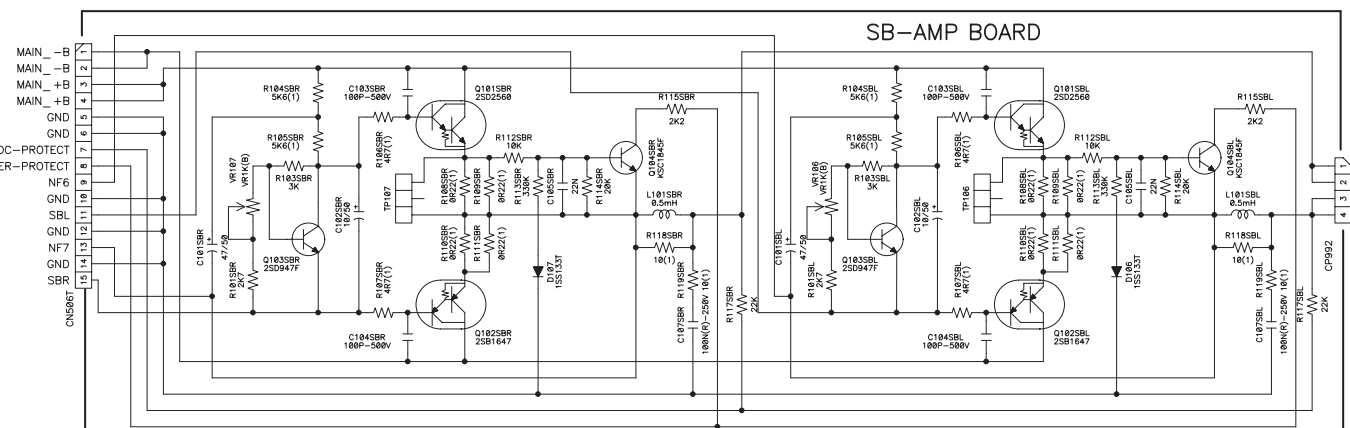
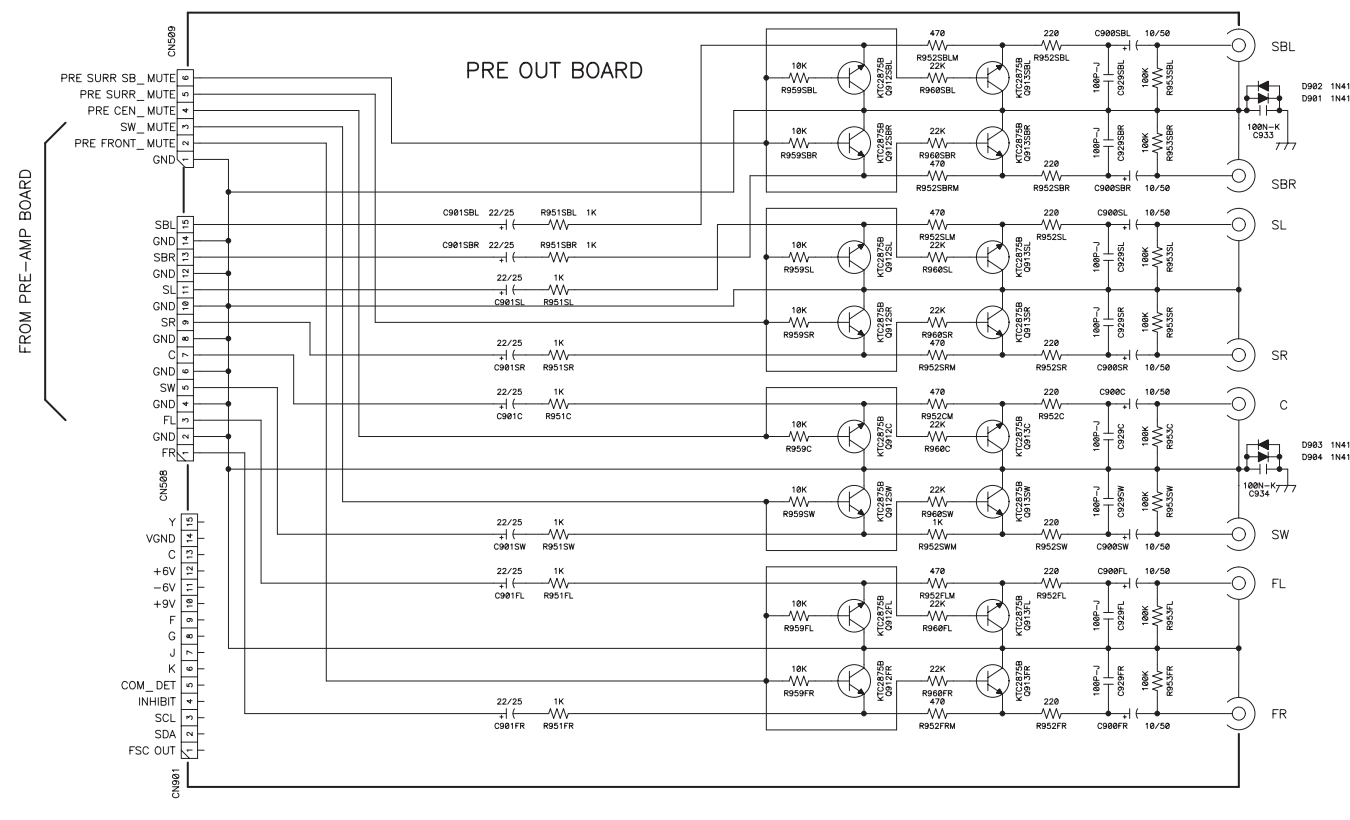
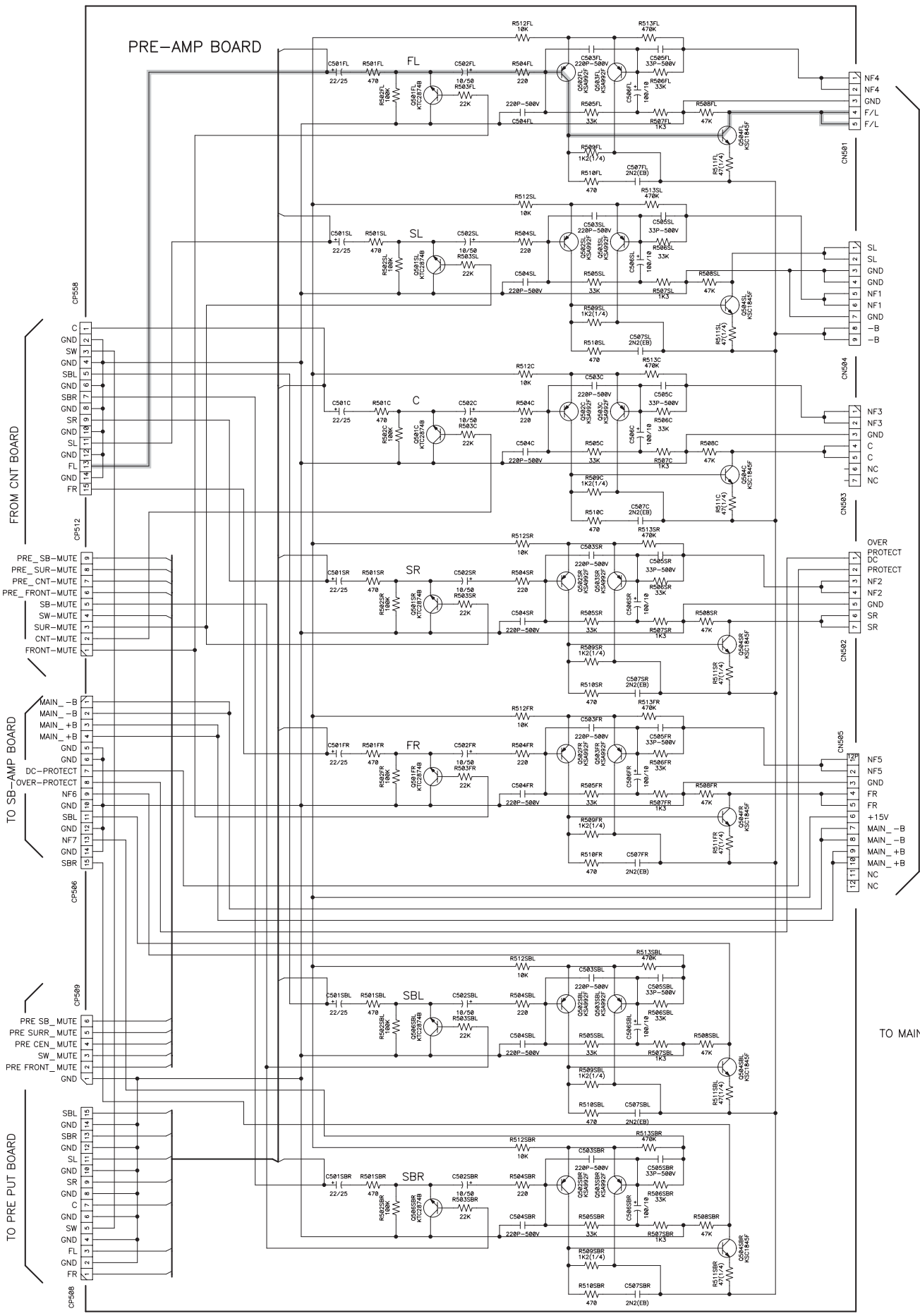
1 2 3 4 5 6 7 8 9 10 11



SCHEMATIC DIAGRAMS (6/14)  
CNT UNIT

SCHEMATIC DIAGRAMS (7/14)

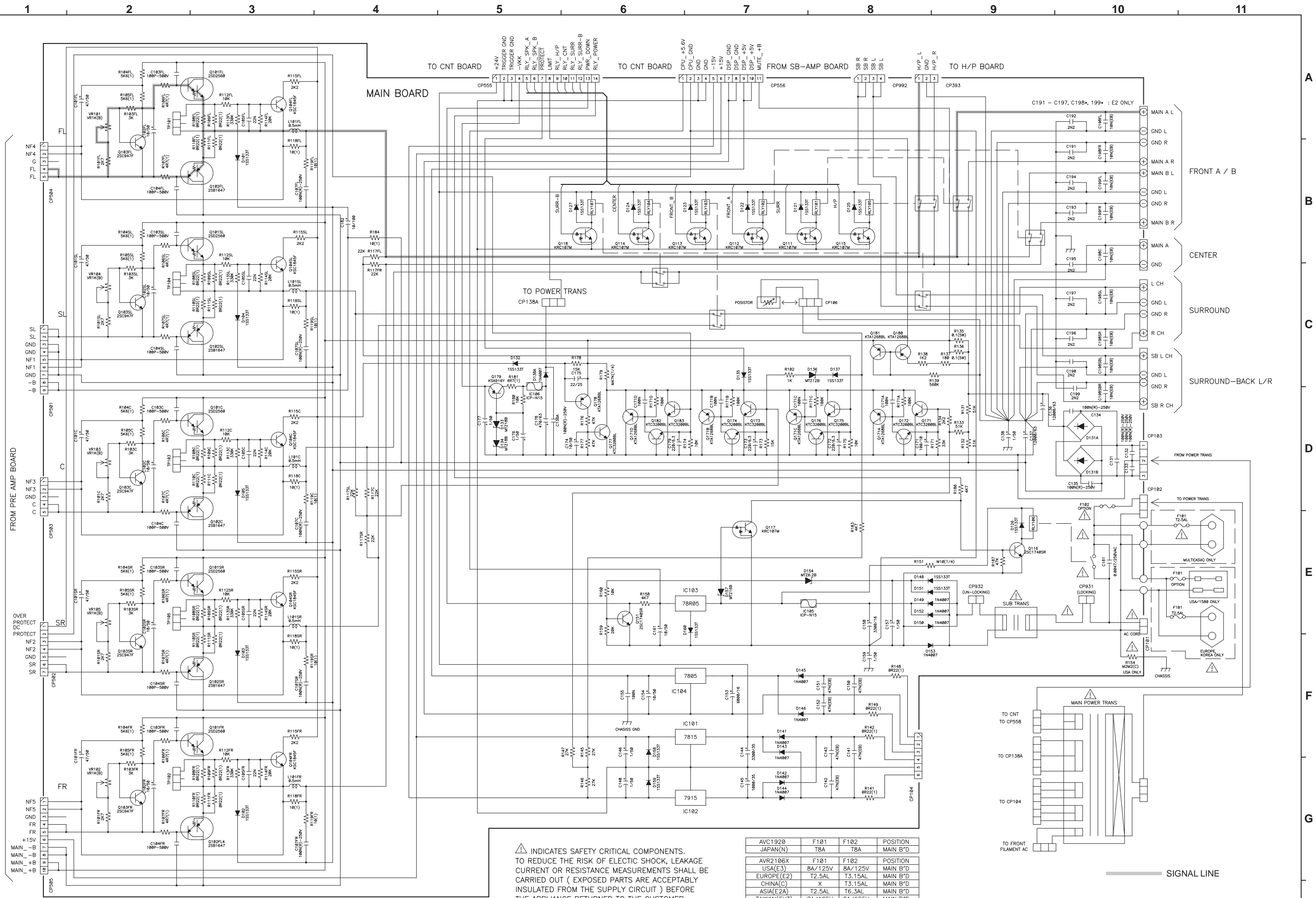
1 2 3 4 5 6 7 8 9 10 11



SIGNAL LINE

SCHEMATIC DIAGRAMS (7/14)  
PRE-AMP UNIT  
PRE OUT UNIT  
SB-AMP UNIT

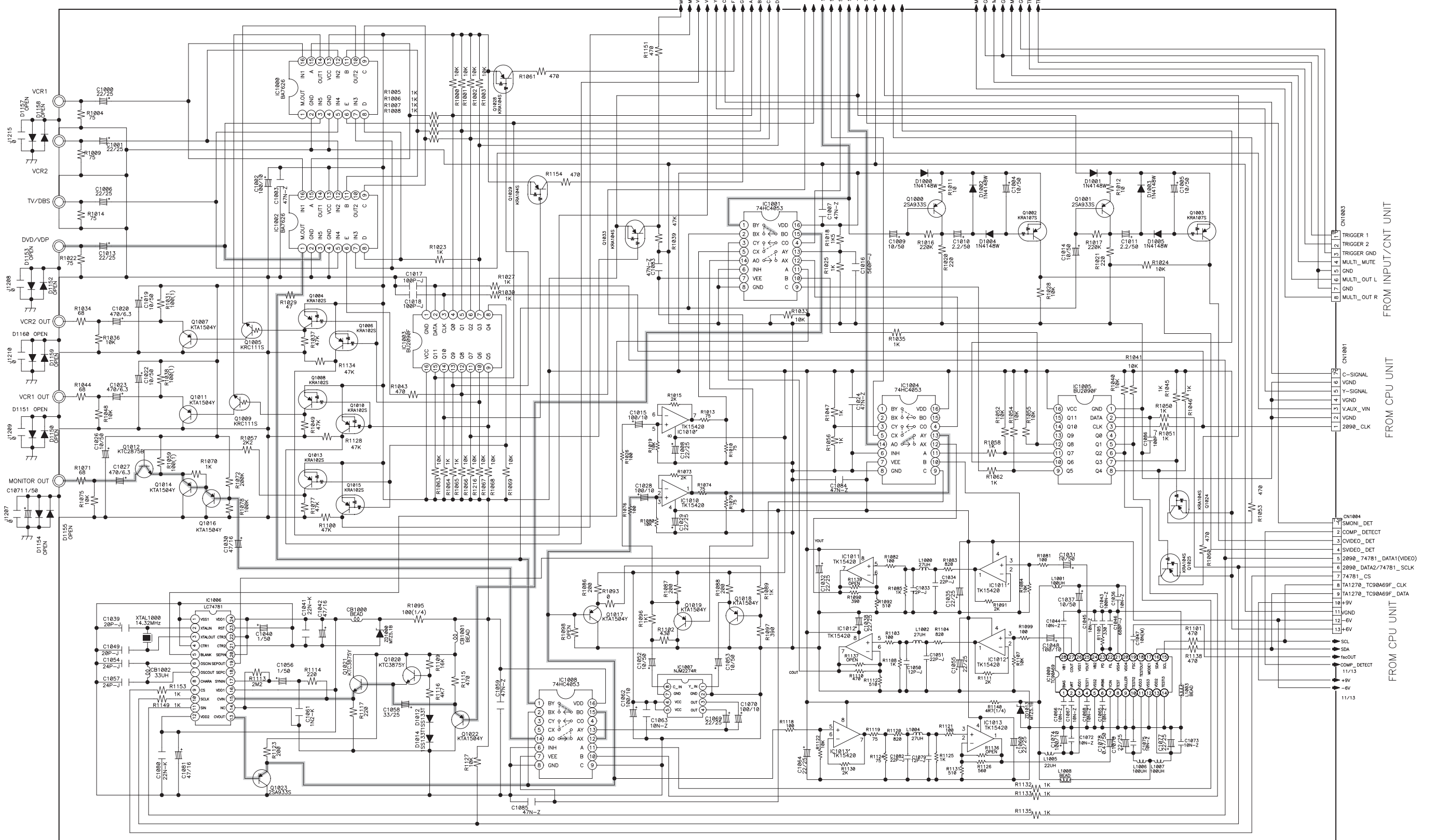
SCHEMATIC DIAGRAMS (8/14)



SCHEMATIC DIAGRAMS (8/14) MAIN UNIT

1 2 3 4 5 6 7 8 9 10 11

VIDEO\_B'D PART 1: CVIDEO(E3)



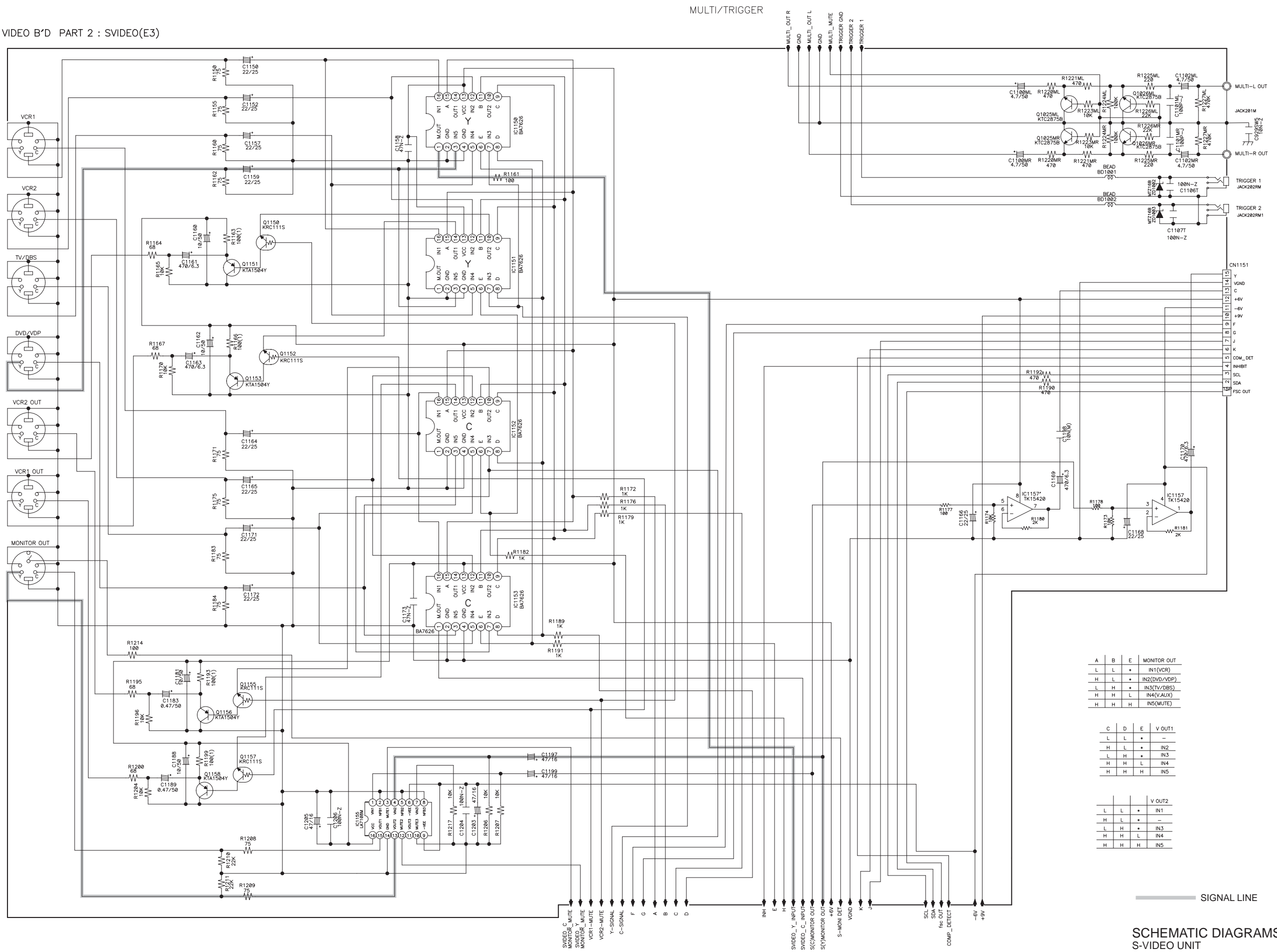
A	B	E	MONITOR OUT	C	D	E	V OUT1	V OUT2
L	L	.	IN1(VCR-1)	L	L	.	-	L L . IN1
H	L	.	IN2(VCR-2)	L	L	.	IN3	H L . -
L	H	.	IN3(V.AUX)	L	H	.	IN4	L H . IN3
H	H	L	IN4(TV)	H	H	L	IN5	H H L IN4
H	H	H	IN5(DVD)	H	H	H	IN5	H H H IN5

— SIGNAL LINE

SCHEMATIC DIAGRAMS (9/14)  
C-VIDEO UNIT

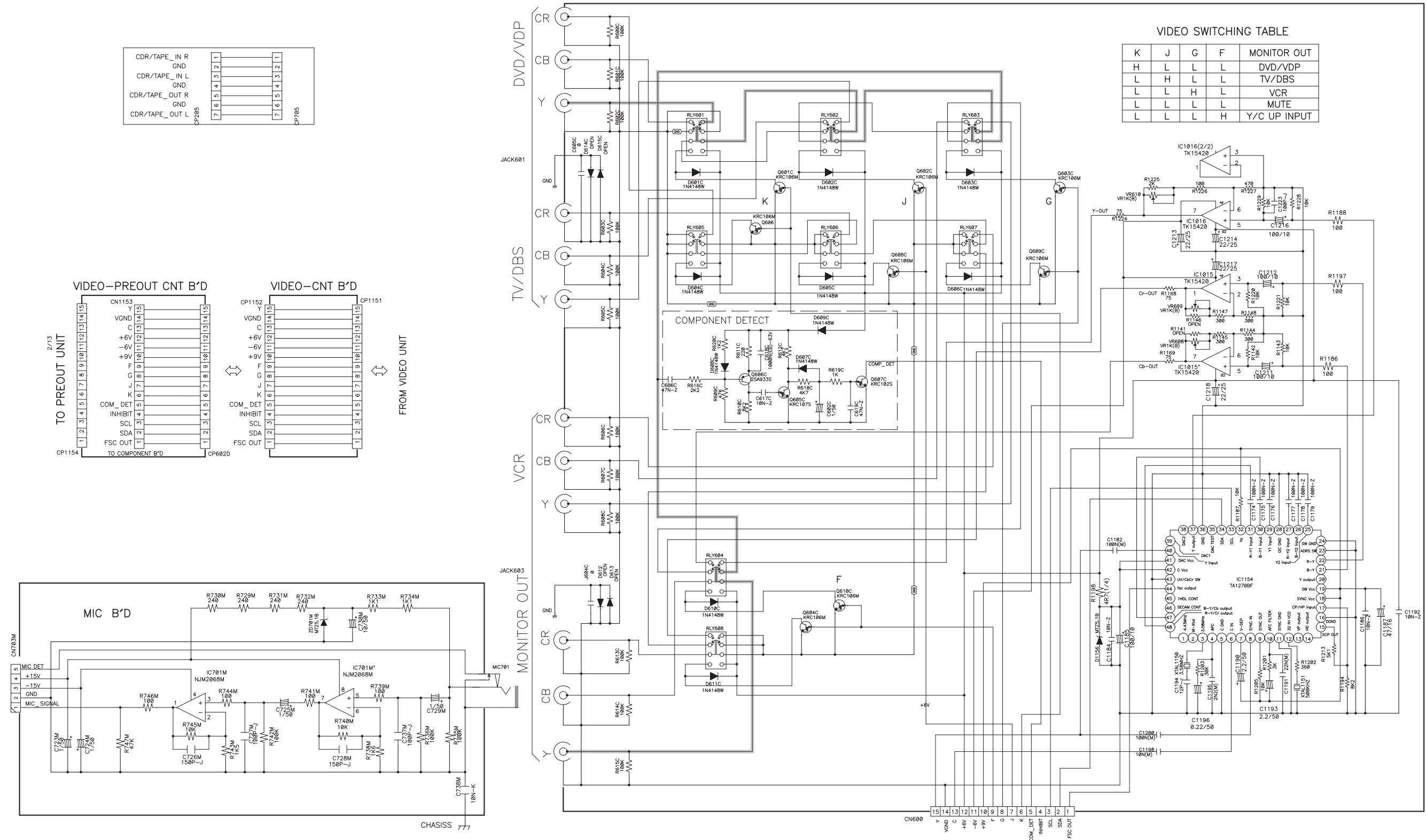
1 2 3 4 5 6 7 8 9 10 11

VIDEO B'D PART 2 : SVIDEO(E3)



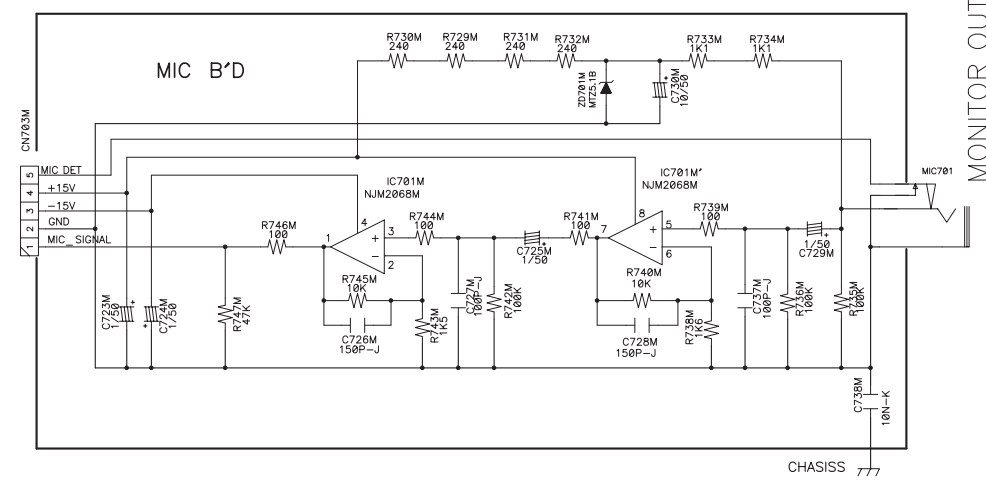
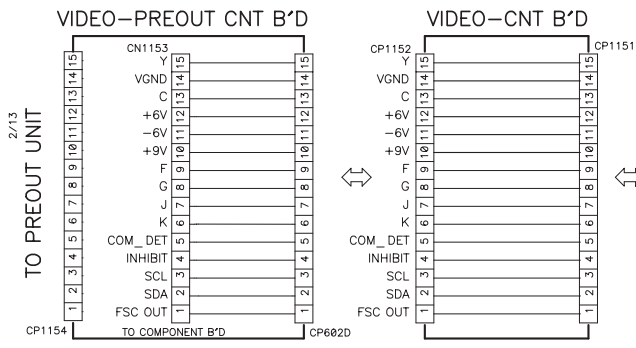
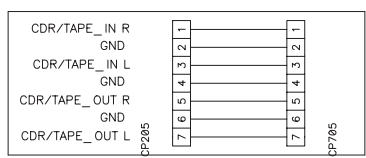
SCHEMATIC DIAGRAMS (10/14)  
S-VIDEO UNIT

1 2 3 4 5 6 7 8 9 10 11



VIDEO SWITCHING TABLE

K	J	G	F	MONITOR OUT
H	L	L	L	DVD/VDP
L	H	L	L	TV/DBS
L	L	H	L	VCR
L	L	L	L	MUTE
L	L	L	H	Y/C UP INPUT



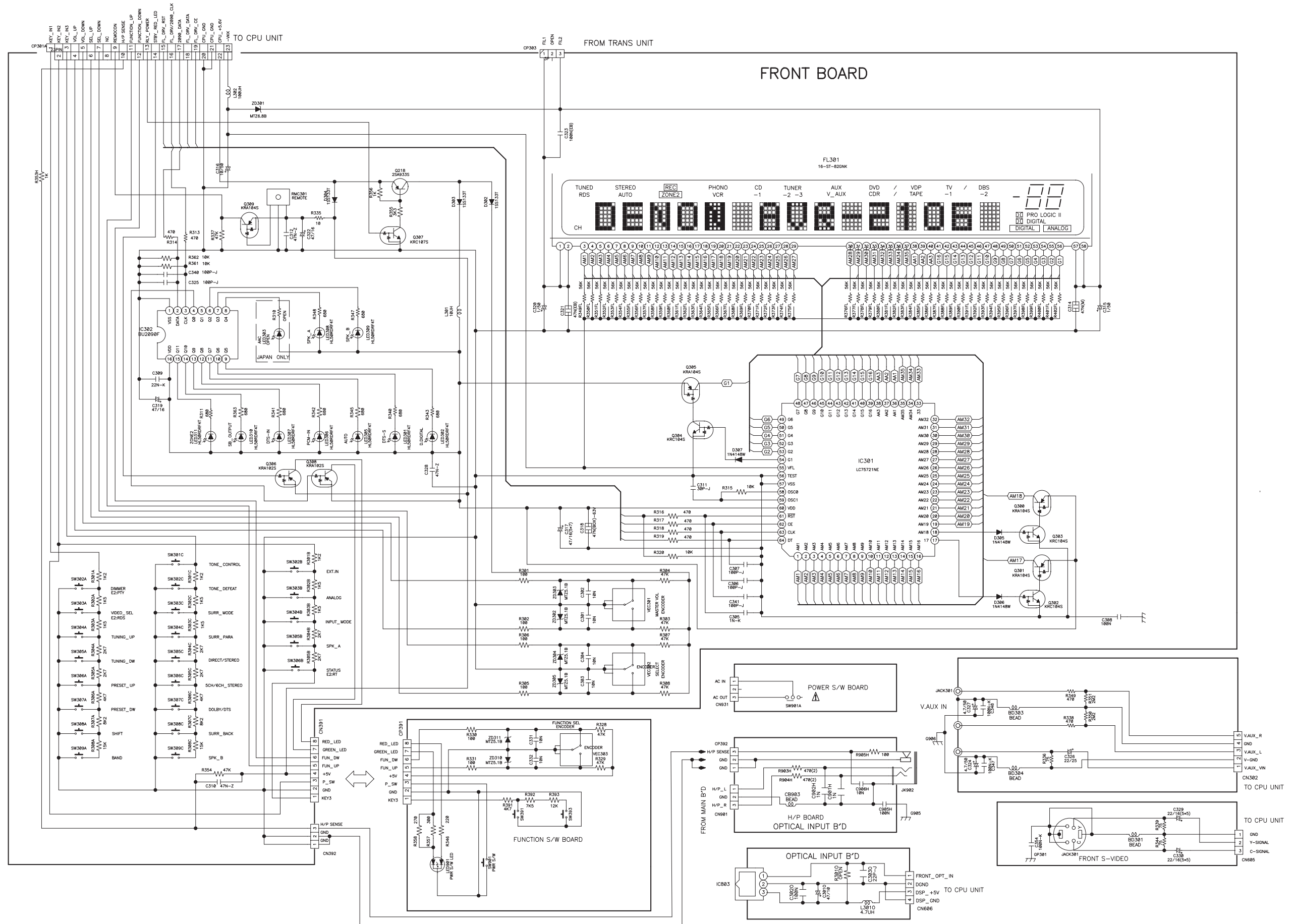
— SIGNAL LINE

SCHEMATIC DIAGRAMS (11/14)  
 COMPONENT UNIT  
 MIC UNIT  
 VIDEO-PREOUT UNIT  
 VIDEO-CNT UNIT

A  
B  
C  
D  
E  
F  
G  
H



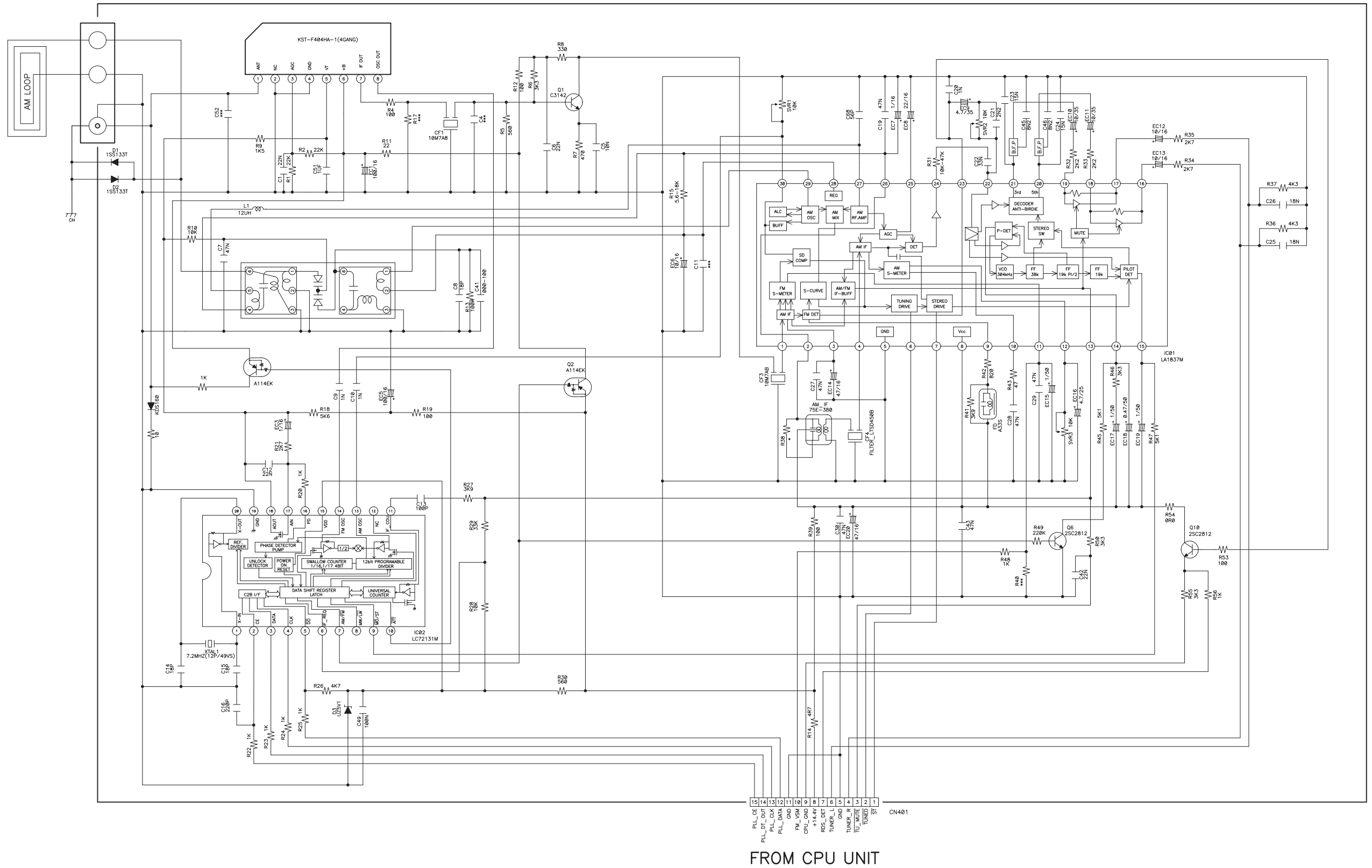
1 2 3 4 5 6 7 8 9 10 11



SCHEMATIC DIAGRAMS (12/14)  
 FRONT UNIT V. AUX IN UNIT  
 POWER S/W UNIT FRONT S-VIDEO UNIT  
 H/P UNIT FUNCTION S/W UNIT  
 OPTICAL INPUT UNIT

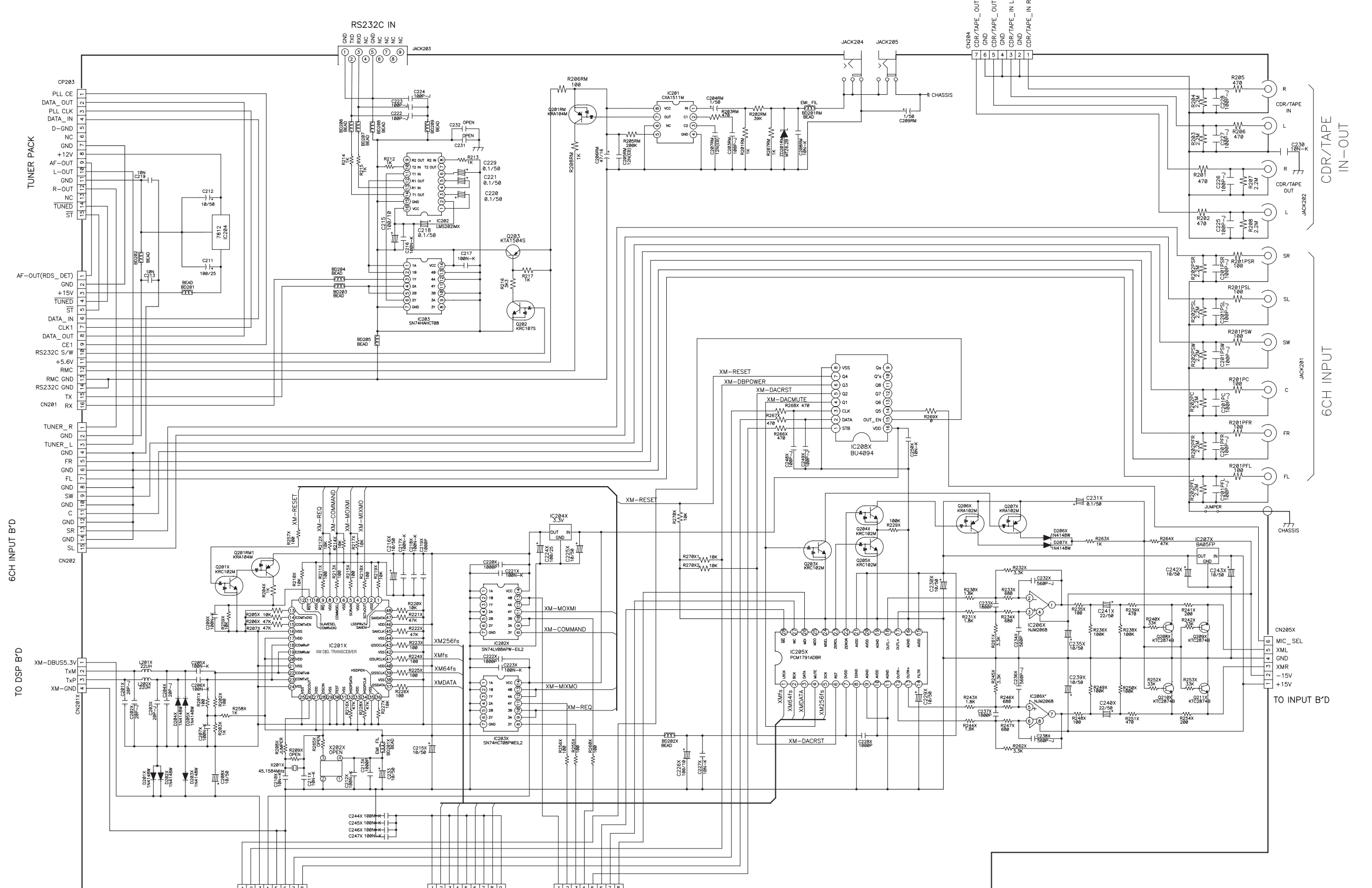
1 2 3 4 5 6 7 8 9 10 11

TUNER BOARD



A  
B  
C  
D  
E  
F  
G

1 2 3 4 5 6 7 8 9 10 11



A  
B  
C  
D  
E  
F  
G  
H