

## SAFETY PRECAUTIONS

## SERVICE WARNING

Only qualified service technicians who are familiar with safety checks and guidelines should perform service work. Before replacing parts, disconnect power source to protect electrostatically sensitive parts. Do not attempt to modify any circuit unless so recommended by the manufacturer. When servicing the receiver, use an isolation transformer between the line cord and power receptacle.

## SERVICING THE HIGH VOLTAGE AND CRT

Use EXTREME CAUTION when servicing the high voltage circuits. To discharge static high voltage, connect a 10K ohms resistor in series with a test lead between the receiver ground and CRT anode lead. DO NOT lift the CRT by the neck. Always wear shatterproof goggles when handling the CRT to protect eyes in case of implosion.

## X-RAY RADIATION AND HIGH VOLTAGE LIMITS

Be aware of the instructions and procedures covering X-ray radiation. In solid-state receivers and monitors, the CRT is the only potential source of X-rays. Keep an accurate high voltage meter available at all times. Check meter calibration periodically. Whenever servicing a receiver, check the high voltage at various brightness levels to be sure it is regulating properly. Keep high voltage at rated value, NO HIGHER. Excessive high voltage may cause X-ray radiation or failure of associated components. DO NOT depend on protection circuits to keep voltage at rated value. When troubleshooting a receiver with excessive high voltage, avoid close contact with the CRT. DO NOT operate the receiver longer than necessary. To locate the cause of excessive high voltage, use a variable AC transformer to regulate voltage. In present receivers, many electrical and mechanical components have safety related characteristics which are not detectable by visual inspection. Such components are identified by a # on both the schematic and the parts list. For SAFETY, use only equivalent replacement parts when replacing these components.

## GENERAL GUIDELINES

Perform a final SAFETY CHECK before returning receiver to customer. Check repaired area for poorly soldered connections, and check entire circuit board for solder splashes. Check board wiring for pinched wires or wires contacting any high wattage resistors. Check that all control knobs, shields, covers, grounds, and mounting hardware have been replaced. Be sure to replace all insulators and restore proper lead dress.

## HIGH VOLTAGE SHUTDOWN TEST

Apply 120VAC to the receiver. Press the power button. Momentarily place a  $22.8K \pm 114$  ohms 1/4W resistor across pin 1 and pin 3 of connector S1. The receiver should lose raster and sound and remain in that state. If the receiver does not lose raster and sound, the high voltage shutdown circuit requires repair. To resume normal operation, remove resistor across pins 1 and 3 of connector S1. Remove AC power and wait 15 seconds and test the receiver for normal operation.

The listing of any available replacement part herein in no case constitutes a recommendation, warranty, or guarantee by SAMS Technical Publishing as to the quality and suitability of such replacement part. The numbers of the listed parts have been compiled from information furnished to SAMS Technical Publishing by the manufacturers of the specific type of replacement part listed.

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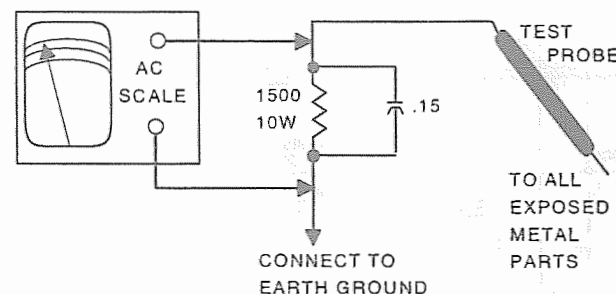
## SAFETY CHECKS — FIRE AND SHOCK HAZARD

## Cold Leakage Checks for Receivers with Isolated Ground

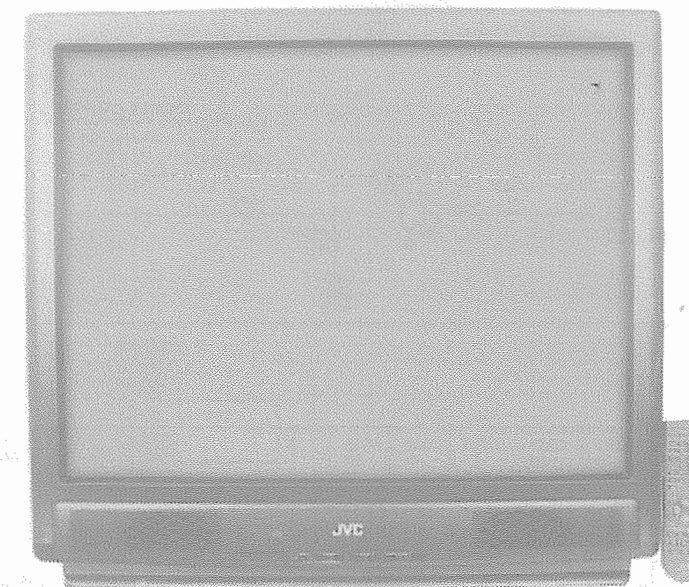
Unplug the AC cord, connect a jumper across the plug prongs, and turn the power switch on (if applicable). Use an ohmmeter to measure the resistance between the jumped AC plug and any exposed metal cabinet parts such as antenna screw heads, control shafts, or handle brackets. Exposed metal parts with a return path should measure between 1M ohms and 5.2M ohms. Parts without a return path must measure infinity.

## Hot Leakage Current Check

Plug the AC cord directly into an AC outlet. DO NOT use an isolation transformer. Use a 1500 ohms, 10W resistor in parallel with a .15μF capacitor to connect between any exposed metal parts on the receiver and a good earth ground. (See figure below.) Use an AC voltmeter with at least 5000 ohms per volt sensitivity to measure the voltage across the resistor. Check all exposed metal parts and measure voltage at each point. Voltage measurements should not exceed .75VAC, 500μA. Any value exceeding this limit constitutes a potential shock hazard and must be corrected. If the AC plug is not polarized, reverse the AC plug and repeat exposed metal part voltage measurement at each point.

PHOTOFACT<sup>®</sup> Technical Service Data  
E:fact 2-11-03  
JVC

Model AV-36260/AR



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Essential coverage  
for servicing a television receiver...

- Schematics
- Component locations
- Parts list

Coverage includes these additional models:

Models	Models
AV-36230/AH	AV-36260/AH
AV-36230/AM	AV-36260/AM
AV-36230/AR	



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SET 4694

MODEL AV-36260/AR

JVC

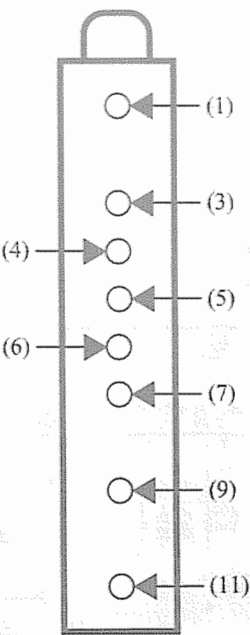
TUNER INFORMATION

MAIN TUNER VOLTAGE CHART

Pin	VHF Low Band	VHF High Band	UHF Band
(1) AGC	2.9V	4.0V	4.0V
(3) ADRS	4.8V	4.8V	4.8V
(4) SCL	2.2V	2.2V	2.2V
(5) SDA	2.7V	2.7V	2.7V
(6) NC	4.8V	4.8V	4.8V
(7) 5V	4.8V	4.8V	4.8V
(9) BT	32.0V	32.0V	32.0V
(11) IF	0V	0V	0V

NOTE: VHF Low Band voltages taken on channel 2.  
VHF High Band voltages taken on channel 7.  
UHF Band voltages taken on channel 14.

MAIN TUNER TERMINAL GUIDE

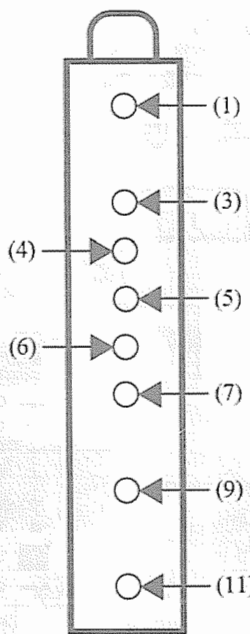


PIP TUNER VOLTAGE CHART

Pin	VHF Low Band	VHF High Band	UHF Band
(1) AGC	2.2V	2.1V	1.9V
(3) ADRS	2.4V	2.4V	2.4V
(4) SCL	2.2V	2.2V	2.2V
(5) SDA	2.7V	2.7V	2.7V
(6) 9V	0V	0V	0V
(7) 5V	4.8V	4.8V	4.8V
(9) 30V	32.0V	32.0V	32.0V
(11) IF	0V	0V	0V

NOTE: VHF Low Band voltages taken on channel 2.  
VHF High Band voltages taken on channel 7.  
UHF Band voltages taken on channel 14.

PIP TUNER TERMINAL GUIDE



TEST EQUIPMENT

Test equipment listed by participating manufacturer illustrates typical or equivalent equipment used by Sams engineers to obtain measurements. This equipment is compatible with most types used by field service technicians.

Equipment	Sencore No.
Oscilloscope	SC3100
Generators	
RGB	CM2125
Multiburst Signal	VG91
Color Bar	VG91
TV Stereo	VG91
Digital VOM	SC3100
Frequency Meter	SC3100
Hi-Voltage Probe	HP200
Accessory Probes	TP212
Isolation Transformer	PR570
Capacitance Analyzer	LC102
CRT Analyzer	CR7000
AC Leakage Tester	PR570
Inductance Analyzer	LC102
Flyback Yoke Tester	TVA92
Field Strength Meter	SL753
Transistor Tester	TF46
Horizontal Analyzer	HA-2500
Video Analyzer	VG91, TVA92

MISCELLANEOUS ADJUSTMENTS

NOTE: This receiver employs digital customer controls. Unless otherwise indicated all adjustments were performed with the customer controls at center.

B+ CHECK

Tune in a picture. Connect a digital DC voltmeter to cathode of D921 and ground. With AC line set to 120VAC, voltage should read 134V ± 2.0V.

HIGH VOLTAGE CHECK

Tune in a picture. Connect a High Voltage Probe to the CRT Anode. High voltage should read 31kV to 33kV.

SERVICE MENU

To enter the service menu, press the sleep timer key, and while the message “Sleep Timer 0 Min” is displayed on the screen, press the display and video status buttons together. The service menu is displayed as shown below. While in the service menu, use the menu up and down buttons to select and use the menu left and right buttons to adjust. To exit the service menu, press the exit button.

Service Menu Chart

(For Models AV-36230/AH, AV-36230/AM, and AV-36230/AR)

PICTURE	SOUND
THEATER	OTHERS
LOW LIGHT	HIGH LIGHT
RF AFC	

FC BUS CTRL

Service Menu Chart

(For Models AV-36260AH, AV-36260AM, and AV-36260AR)

PICTURE	SOUND
THEATER	OTHERS
PIP	
LOW LIGHT	HIGH LIGHT
RF AFC1	RF AFC2
TU2 VCO	FC BUS CTRL

SYSTEM CONSTANT

Enter the service menu and press the display and video status buttons together to display the system constant screen. If the system constant screen information differs from the system constant chart displayed below, use the menu up and down buttons to select the setting and the menu left and right buttons to adjust the setting. Press the exit button twice to exit.

System Constant Chart

SYSTEM CONSTANT

MODEL	AV-36260AR
CCD	YES
V-CHIP	YES
CAN V-CHIP	YES

MN1876478 JWO

COLOR PURITY / CONVERGENCE

CRT and yoke are bonded. Color purity and convergence adjustments are not recommended.

PICTURE MODE

Select Picture Mode from the service menu.

Picture Mode Menu Chart

No.	Adjustment	Range	Initial Value	On-set Value
1	BRIGHT	000 ~ 127	063	059
2	PICTURE	000 ~ 127	090	097
3	COLOR	000 ~ 127	072	075
4	TINT	000 ~ 127	065	061
5	TV DETAIL	000 ~ 063	055	055
6	EXT BRIGHT	-025 ~ +025	±000	±000
7	EXT PICT	-025 ~ +025	+006	+006
8	EXT COLOR	-025 ~ +025	+006	+004
9	EXT TINT	-025 ~ +025	±000	±000
10	EXT DETAIL	000 ~ 063	050	050
11	CMP BRIGHT	-025 ~ +025	±000	±000
12	CMP PICT	-025 ~ +025	+006	+006
13	CMP COLOR	000 ~ 127	086	080
14	CMP TINT	000 ~ 127	074	064
15	CMP DETAIL	000 ~ 063	050	050
16	CMP R CUT	-025 ~ +025	-011	-011
17	CMP G CUT	-025 ~ +025	±000	±000
18	CMP B CUT	-025 ~ +025	-001	-001
19	CMP R DRV	-025 ~ +025	±000	±000
20	CMP B DRV	-025 ~ +025	±000	±000
21	WPL	000 / 001	001	001
22	B. B. SW	000 / 001	000	000
23	C TRAP	000 / 001	000	000
24	CORING	000 / 001	000	000
25	CMP CORING	000 / 001	001	001
26	TV SHARPF	000 / 001	001	001
27	EXT SHARPF	000 / 001	001	001
28	CMP SHARPF	000 / 001	001	001
29	RGB CONT	000 ~ 063	031	031
30	TV ID SENS	000 / 001	000	000
31	EXT ID SEN	000 / 001	001	001
32	F ID	000 / 001	000	000
33	Y MUTE	000 / 001	000	000
34	AUDIO ATT	000 ~ 127	127	127
35	SUB CONT	000 ~ 015	010	010
36	R Y GAIN	000 / 001	001	001
37	CMP R Y GA	000 / 001	001	001
38	G Y PHASE	000 / 001	000	000
39	CMP G Y PH	000 / 001	000	000
40	CD MATRIX	000 ~ 003	003	003
41	CMP CD MAT	000 ~ 003	002	002
42	BLACK ST	000 ~ 003	001	001
43	DC REST	000 ~ 003	001	001
44	COLOR GMM	000 / 001	000	000
45	UV/CBCR	000 / 001	001	001
46	AT FLESH	000 / 001	000	000
47	ABL GAIN	000 ~ 003	000	000
48	ABL ST PNT	000 ~ 003	003	003
49	RGB ABCL	000 / 001	001	001
50	TV BPF TOF	000 / 001	001	001
51	EXT BPF TOF	000 / 001	000	000
52	GMM PNT	000 ~ 003	003	003
53	SVM GAIN	000 ~ 003	003	003
54	CMP SVM GA	000 ~ 003	003	003
55	SVM PHASE	000 / 001	000	000

Picture Mode Menu Chart continued

No.	Adjustment	Range	Initial Value	On-set Value
56	AUDIO SW	000 / 001	000	000
57	BUZZ	000 / 001	000	000
58	IF FREQ	000 / 001	000	000
59	RF AGC	000 ~ 063	045	045
60	AFT MUTE	000 / 001	000	000
61	AFT SENS	000 / 001	001	001
62	R/G DRV SW	000 / 001	001	001
63	BLK SW	000 / 001	000	000
64	V S COR	000 ~ 015	007	007
65	V LIN	000 ~ 015	011	011
66	V SIZE	000 ~ 127	044	056
67	V AGC	000 / 001	000	000
68	V CENTER	000 ~ 063	000	000
69	TV AFC	000 ~ 003	000	000
70	EXT AFC	000 ~ 003	002	002
71	V POSI	000 ~ 007	000	000
72	H POSI	000 ~ 031	020	015
73	H SIZE	000 ~ 063	028	025
74	TV V FREQ	000 ~ 003	000	000
75	EXT V FREQ	000 ~ 003	003	003
76	SIDE PIN	000 ~ 063	041	040
77	STAND BY	000 / 001	000	000
78	TRAPEZ	000 ~ 063	038	035
79	V RAMP REF	000 / 001	001	001
80	V 48HZ	000 / 001	000	000
81	V EHT	000 ~ 007	000	000
82	TOP PIN	000 ~ 031	009	012
83	H EHT	000 ~ 007	000	000
84	BTM PIN	000 ~ 031	009	012
85	V BLK LOW	000 ~ 003	000	000
86	V BLK UP	000 ~ 003	000	000
87	CAPTION IN	000 / 001	000	000
88	H BLK	000 / 001	000	000
89	SCREEN	000 / 001	000	000
90	ACB SW	000 / 001	000	000
91	ACB PULSE	000 ~ 015	007	007
92	OVER MODU	000 / 001	001	001
93	APACON LIM	000 / 001	001	001
94	TEST	000 ~ 255	128	128
95	RF S/N TY	000 ~ 002	002	002
96	EXT S/N TY	000 ~ 002	002	002
97	RF SN YC E	000 ~ 255	005	005
98	RF SN YC F	000 ~ 255	016	016
99	RF SN YC G	000 ~ 063	032	032
100	RF SN YC H	000 ~ 255	025	025
101	EX SN YC E	000 ~ 255	005	005
102	EX SN YC F	000 ~ 255	016	016
103	EX SN YC G	000 ~ 063	032	032
104	EX SN YC H	000 ~ 255	025	025
105	RF SN VC 1	000 ~ 063	000	000
106	RF SN VC 2	000 ~ 063	007	007
107	RF SN VC 3	000 ~ 063	014	014
108	RF SN VC 4	000 ~ 063	021	021
109	EX SN VC 1	000 ~ 063	000	000
110	EX SN VC 2	000 ~ 063	007	007
111	EX SN VC 3	000 ~ 063	014	014
112	EX SN VC 4	000 ~ 063	021	021
113	COR LEVEL	000 ~ 003	003	003

Picture Mode Menu Chart continued

No.	Adjustment	Range	Initial Value	On-set Value
114	VNR CHK	000 ~ 255	003	003
115	YC SN TIME	000 ~ 255	005	005
116	VC SN TIME	000 ~ 255	005	005
117	VM DATA A	-127 ~ +127	+008	+008
118	VM DATA B	-127 ~ +127	-004	-004
119	VM DATA C	-127 ~ +127	-016	-016
120	VM DATA D	000 / 001	000	000
121	VC SN STOP	000 ~ 255	002	002
122	CH MUTE	000 / 001	000	000
123	VM OFF TY	000 / 001	000	000
124	VC VM OFF	000 / 001	001	001
125	YC VM OFF	000 ~ 255	255	255
126	F LOCK	000 ~ 002	002	002
127	VF LOCK EX	000 / 001	000	000
128	PURI RGB	000 ~ 063	031	031
129	PURI W BCK	000 / 001	000	000

RF AGC

Tune in a picture. Decrease the value of RF AGC (59) until snow appears in the picture. Increase the value of RF AGC (59) until snow disappears from the picture. Check all channels for proper picture and readjust if necessary.

Vertical Size / Vertical Center

Tune in a crosshatch pattern. Adjust V Size (66) for a slightly underscanned picture. Adjust V Center (68) and S421 to center the picture. Adjust V Size (66) for a 92% of vertical screen size.

Horizontal Position

Tune in a crosshatch pattern. Adjust the H Position (71) to center the picture.

Sub Brightness / Sub Picture / Sub Color / Sub Tint

Tune in a picture. Adjust Bright (1) for best brightness. Adjust Picture (2) for best contrast. Adjust Color (3) for best color. Adjust Tint (4) for best flesh tone.

SOUND MODE

Select Sound Mode from the service menu. Receive a RF signal.

Sound Mode Menu Chart

No.	Adjustment	Range	Initial Value	On-set Value
1	NOISE DET	000 / 001	001	001
2	IN LEVEL	000 ~ 063	025	025
3	FH MONITOR	000 / 001	000	000
4	STEREO VCO	000 ~ 063	030	034
5	PILOT CAN	000 / 001	000	000
6	FILTER	000 ~ 063	030	030
7	LOW SEP	000 ~ 063	028	034
8	HI SEP	000 ~ 063	025	038
9	5FH MON	000 / 001	000	000
10	SAP VCO	000 ~ 063	030	035
11	IN GAIN	000 / 001	000	000
12	FL OFFSET	-010 ~ +010	±000	±000
13	BBE BASS	-010 ~ +010	±000	±000
14	BBE TRE	-010 ~ +010	+002	±000



MISCELLANEOUS ADJUSTMENTS continued

MTS Input Level / MTS Filter

Select In Level (2) and set to initial value. Select Filter (6) and set to initial value.

MTS Stereo VCO

Set FH Monitor (3) to 1. Connect a frequency counter to pin 2 of connector MPX. Adjust Stereo VCO (4) for 15.73kHz ± .1kHz. Set FH Monitor (3) to 0.

MTS SAP VCO

Connect a 1M ohms resistor between pins 3 and 4 of connector MPX. Set 5FH MON (9) to 1. Connect a frequency counter to pin 2 of connector MPX. Adjust SAP VCO (10) for 78.67kHz ± .5kHz. Set 5FH MON (9) to 0.

MTS Separation

Connect an MTS TV stereo generator to the antenna input. Select pilot, 300Hz audio frequency, and left modulating signal on the generator. Connect an oscilloscope to pin 1 of connector MPX and adjust to display one cycle of the 300Hz signal. Connect oscilloscope to pin 2 of connector MPX. Adjust Low Sep (7) for minimum amplitude of the waveform. Select 8kHz audio frequency on the generator. Adjust HI Sep (8) for minimum amplitude of the waveform.

OTHERS MODE

Select Others Mode from the service menu.

Others Mode Menu Chart

No.	Adjustment	Range	Initial Value	On-set Value
1	OSD POS	000 ~ 007	002	002
2	CCD POS	000 ~ 015	003	003
3	EOSEL	000 / 001	000	000
4	MENU COLOR	000 ~ - 030	-010	-010
5	MENU PICT	000 ~ - 030	-010	-010
6	MENU BRI	000 ~ - 030	-010	-010

THEATER MODE

Select Theater Mode from the service menu.

Theater Mode Menu Chart

No.	Adjustment	Range	Initial Value	On-set Value
1	TINT	-20 ~ +20	-06	-06
2	COLOR	-20 ~ +20	-03	-03
3	PICTURE	-50 ~ +50	-15	-15
4	BRIGHT	-20 ~ +20	±00	±00
5	DETAIL	-15 ~ +15	+03	+03
6	R CUT	-20 ~ +20	±00	±00
7	G CUT	-20 ~ +20	±00	±00
8	B CUT	-20 ~ +20	±00	±00
9	R DRIVE	-99 ~ +99	+07	+07
10	B DRIVE	-99 ~ +99	-25	-25
11	DC REST	00 ~ 03	01	01
12	BLK ST	00 ~ 03	00	00
13	GMM PNT	00 ~ 03	01	01
14	CD MATRIX	00 ~ 03	01	01
15	RY GAIN	00 / 01	01	01
16	GY PHASE	00 / 01	00	00
17	CORING	00 / 01	01	01
18	CMP CD M	00 ~ 03	01	01
19	CMP RY G	00 / 01	01	01
20	CMP GY P	00 / 01	00	00
21	CMP COR	00 / 01	01	01

PIP MODE (For Models AV-36260/AH, AV-36260/AM, and AV-36260/AR)

Select PIP Mode from the service menu.

PIP Mode Menu Chart

No.	Adjustment	Range	Initial Value	On-set Value
1	PIP BR	000 ~ 015	005	004
2	PIP PICT	000 ~ 075	045	045
3	PIP TINT	000 ~ 063	036	036
4	PIP COL	000 ~ 015	010	010
5	P R CUT	000 ~ 015	003	003
6	P G CUT	000 ~ 015	000	000
7	P B CUT	000 ~ 015	002	002
8	P R DR	000 ~ 225	052	057
9	P G DR	000 ~ 225	055	060
10	P B DR	000 ~ 225	060	060
11	LEFT POS	000 ~ 225	020	020
12	RIGHT POS	000 ~ 225	017	018
13	UPPER POS	000 ~ 127	012	012
14	LOWER POS	000 ~ 127	011	011
15	PICT LOCK	000 / 001	001	001
16	SELDEL	000 ~ 015	000	000
17	AGC FIX	000 / 001	001	001
18	AGCADST	000 / 001	000	000
19	AGC	000 ~ 015	007	007
20	VSPDEL	000 ~ 031	000	000
21	VSPISQ	000 / 001	001	001
22	YCOR	000 / 001	001	001
23	XFREQF	000 / 001	001	001
24	WTCHDG	000 / 001	001	001
25	COLON	000 / 001	000	000
26	ACQNEW	000 / 001	000	000
27	DSTDET	000 / 001	001	001
28	CRIBEOK	000 / 001	000	000
29	FCBEOK	000 / 001	000	000
30	NOCRID	000 / 001	000	000
31	NONSED	000 / 001	000	000

LOW LIGHT MODE

Select Low Light Mode from the service menu.

Low Light Mode Menu Chart

Adjustment	Range	Initial Value	On-set Value
BRIGHT	000 ~ 127	063	059
RED CUTOFF	000 ~ 255	085	086
GREEN CUTOFF	000 ~ 255	085	040
BLUE CUTOFF	000 ~ 255	085	088

NOTE: While in the Low Light Mode Menu adjustments are performed using the following buttons on the remote:

- 1 - Horizontal line.
- 2 - Restores full picture.
- 3 - Exit.
- 4 - Increase red cutoff.
- 5 - Increase green cutoff.
- 6 - Increase blue cutoff.
- 7 - Decrease red cutoff.
- 8 - Decrease green cutoff.
- 9 - Decrease blue cutoff.

White Balance (Low Light Adjustment)

Tune in a black and white signal. Press 1 to display a horizontal line. Adjust the screen control for a dim line of one dominant color. Adjust the other two cutoffs for a dim white line. Press 2 for a full picture.

HIGH LIGHT MODE

Select High Light Mode from the service menu.

High Light Mode Menu Chart

Adjustment	Range	Initial Value	On-set Value
RED DRIVE	000 ~ 127	060	071
BLUE DRIVE	000 ~ 127	060	052

NOTE: While in the High Light Mode Menu adjustments are performed using the following buttons on the remote:

- 1 - Horizontal line.
- 2 - Restores full picture.
- 3 - Exit.
- 5 - Increase green drive.
- 6 - Increase blue drive.
- 8 - Decrease green drive.
- 9 - Decrease blue drive.

White Balance (High Light Adjustment)

Tune in a black and white signal. Adjust green and blue drives for best white balance. Exit Service menu and check white balance at high and low brightness.

RF AFC MODE (For Models AV-36230/AH, AV-36230/AM, and AV-36230/AR)

Select RF AFC from the service menu.

RF AFC Mode Menu Chart

Adjustment	Range	Initial Value	On-set Value
RF AFC	On / Off	On	On, Do not adjust.
Fine	-77 ~ +77	±00	±00, Do not adjust.

RF AFC1 MODE (For Models AV-36260/AH, AV-36260/AM, and AV-36260/AR)

Select RF AFC1 from the service menu.

RF AFC1 Mode Menu Chart

Adjustment	Range	Initial Value	On-set Value
RF AFC 1	On / Off	On	On, Do not adjust.
Fine	-77 ~ +77	±00	±00, Do not adjust.

RF AFC2 MODE (For Models AV-36260/AH, AV-36260/AM, and AV-36260/AR)

Select RF AFC2 from the service menu.

RF AFC2 Mode Menu Chart

Adjustment	Range	Initial Value	On-set Value
RF AFC 2	On / Off	On	On, Do not adjust.
Fine	-77 ~ +77	±00	+04, Do not adjust.

PC BUS CTRL MODE

Select PC Bus CTRL from the service menu.

PC Bus CTRL Mode Menu Chart

Adjustment	Range	Initial Value	On-set Value
PC BUS	On / Off	On	On, Fixed On. Do not adjust.

TU2 VCO MODE (For Models AV-36260/AH, AV-36260/AM, and AV-36260/AR)

Select TU2 VCO Mode from the service menu.

TU2 VCO Mode Menu Chart

HIGH LEVEL  
REFERENCE LEVEL<————— Yellow in color  
LOW LEVEL

SYNC: YES

Adjust CW Transformer T111 on PIP board until REFERENCE LEVEL mark turns yellow in color, confirm that SYNC : YES being shown on the screen. Exit service menu and check the PIP picture quality.

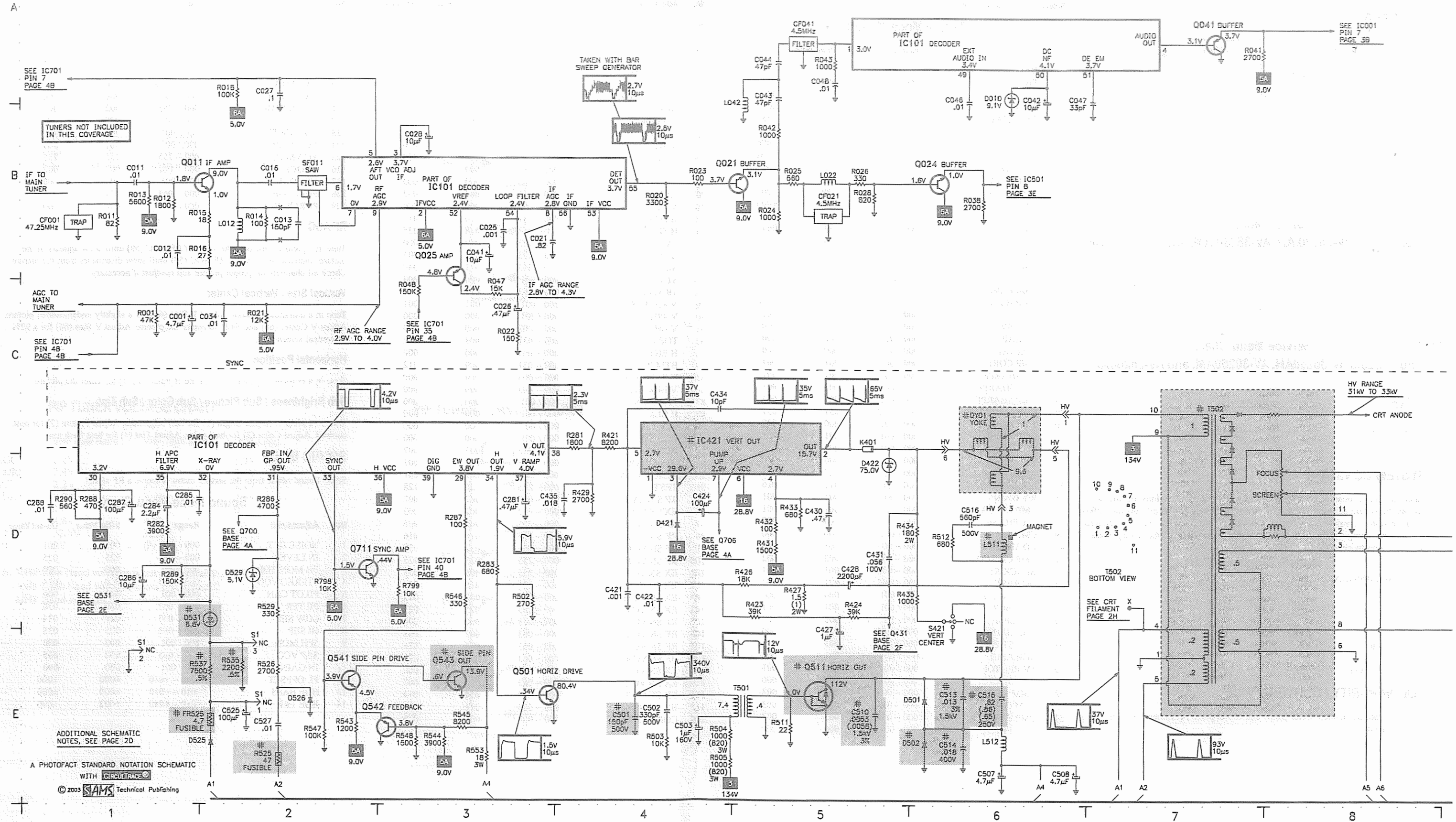
JVC

MODEL AV-36260/AR

A

B

TELEVISION SCHEMATIC

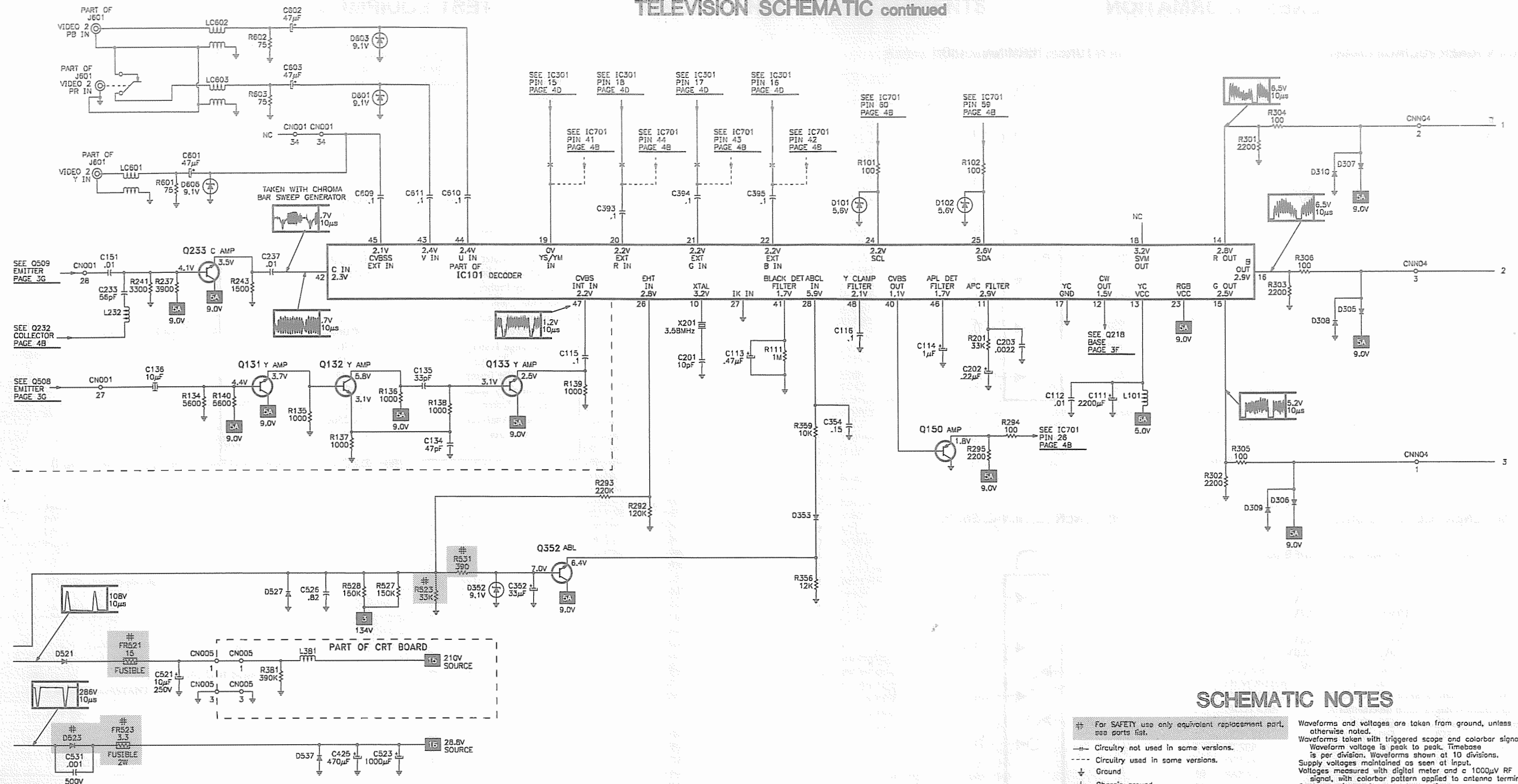


ADDITIONAL SCHEMATIC NOTES, SEE PAGE 20

A PHOTOFACIT STANDARD NOTATION SCHEMATIC WITH CIRCUITACE

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TELEVISION SCHEMATIC continued



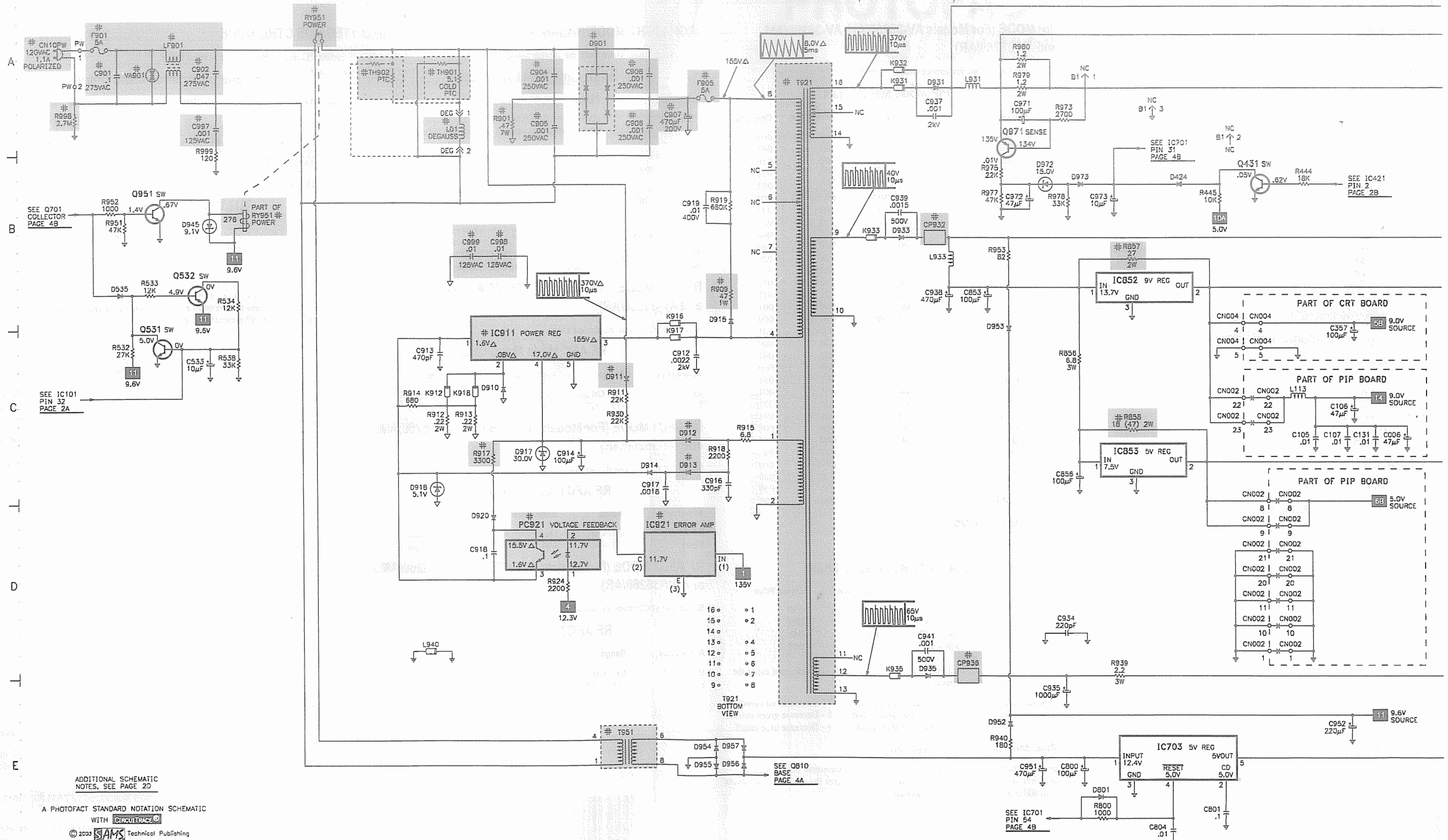
SCHEMATIC NOTES

- For SAFETY use only equivalent replacement part, see parts list.
- Circuitry not used in some versions.
- Circuitry used in some versions.
- Ground
- Chassis ground
- Common tie point
- Taken from common tie point
- Schematic Voltage source tie point.
- Cabling: Heavy lines reduce use of multiple lines.
- Waveforms and voltages are taken from ground, unless otherwise noted.
- Waveforms taken with triggered scope and colorbar signal.
- Waveform voltage is peak to peak. Timebase is per division. Waveforms shown at 10 divisions.
- Supply voltages maintained as seen at input.
- Voltages measured with digital meter and a 1000µV RF signal, with colorbar pattern applied to antenna terminal.
- Controls adjusted for normal operation.
- Capacitors are 50 volts or less, 5% or greater unless noted.
- Electrolytic capacitors are 60 volts or less, 20% or greater unless noted.
- Resistors are 1/2W or less, 5% or greater unless noted.
- Value in ( ) used in some versions.
- Measurements with switching as shown unless noted.
- Rated voltage shown on zener diodes.



# POWER SUPPLY SCHEMATIC

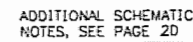
△ TAKEN FROM COMMON TIE POINT




ADDITIONAL SCHEMATIC NOTES, SEE PAGE 20

A PHOTOFACT STANDARD NOTATION SCHEMATIC WITH CIRCUITTRACE

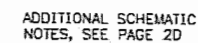
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A PHOTOFACT STANDARD NOTATION SCHEMATIC  
WITH 

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1

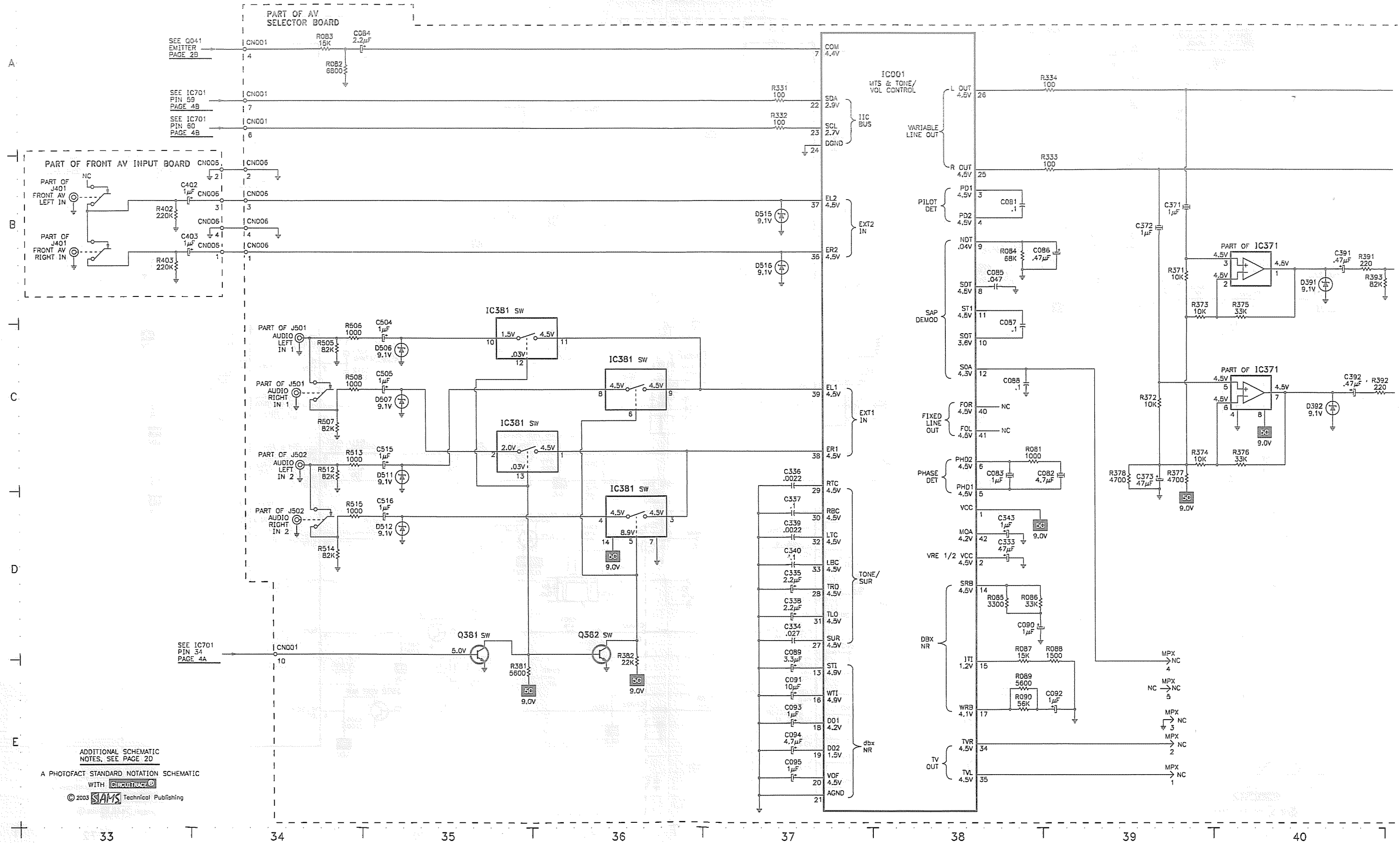


A PHOTOFACT STANDARD NOTATION SCHEMATIC  
WITH **CIRCUIT TRACE®**


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## SYSTEM AUDIO SCHEMATIC



ADDITIONAL SCHEMATIC  
NOTES, SEE PAGE 20

A PHOTOFACIT STANDARD NOTATION SCHEMATIC  
WITH 

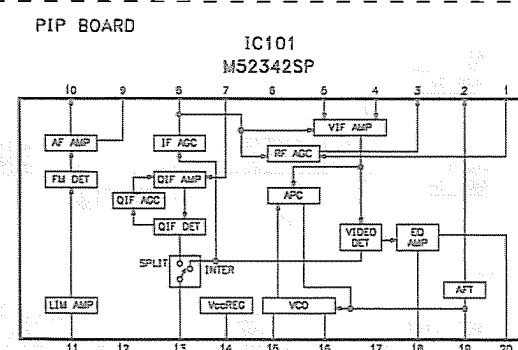
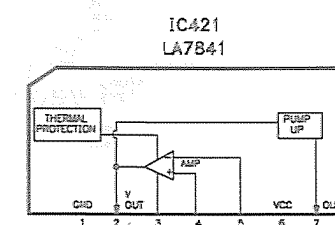
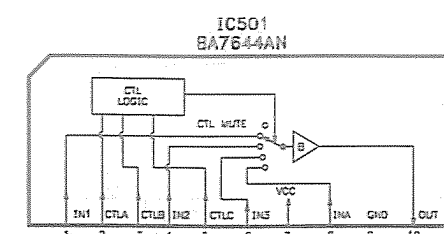
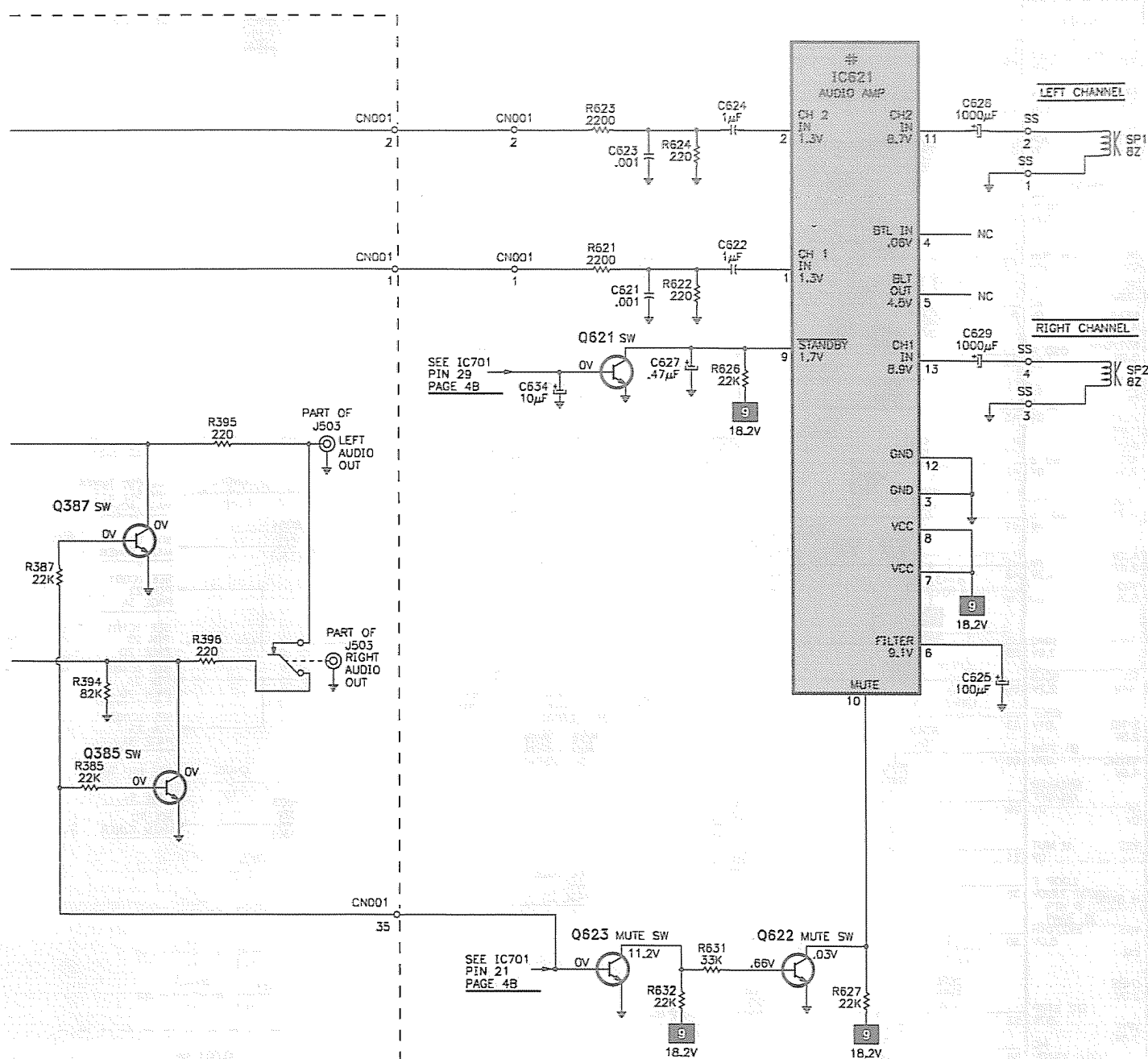
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## F



## C AUDIO SCHEMATIC continued

## IC FUNCTIONS



ADDITIONAL SCHEMATIC  
NOTES, SEE PAGE 20.

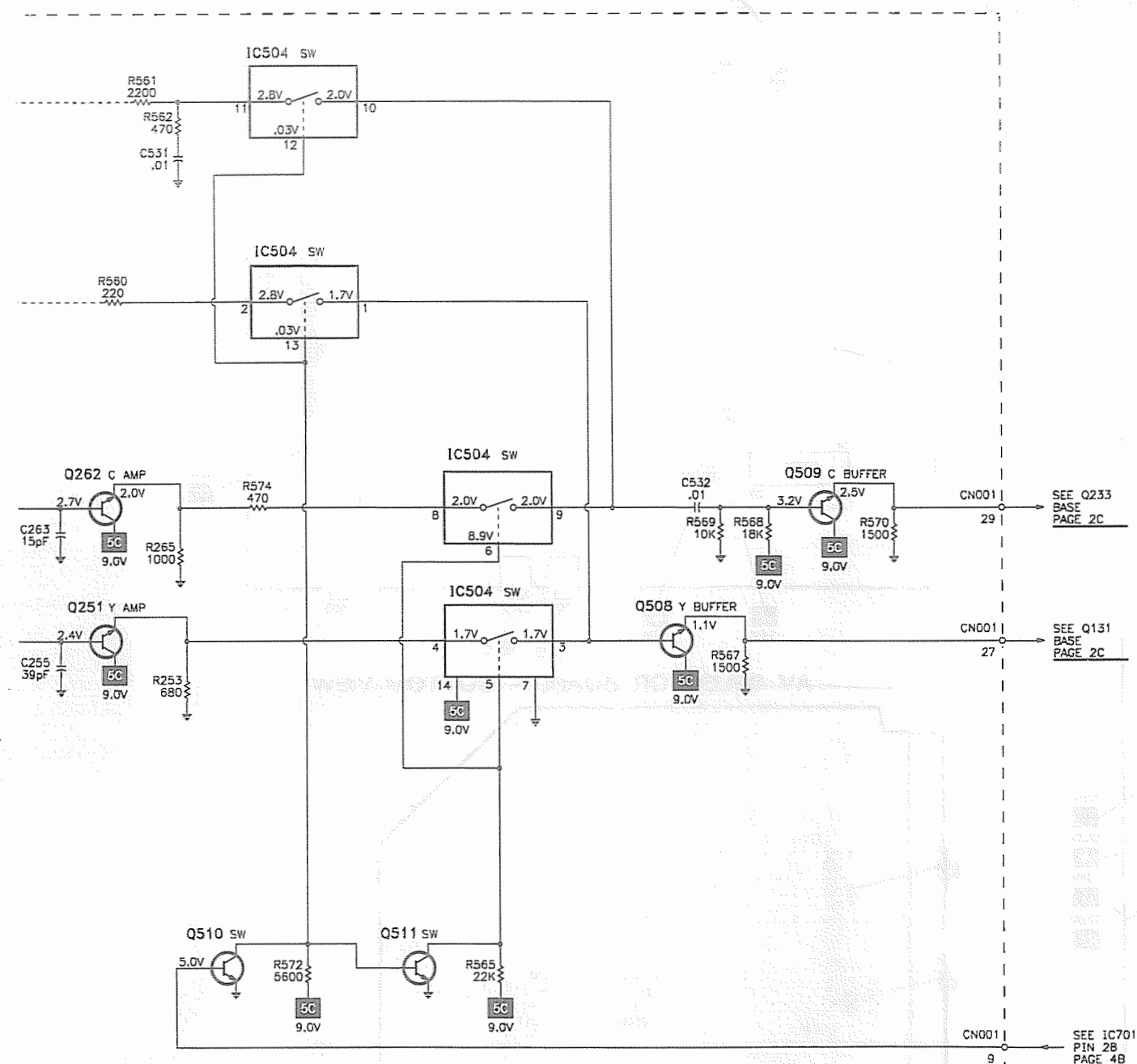
A PHOTOFACIT STANDARD NOTATION SCHEMATIC

WITH **CIRCUITACE®**

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# VIDEO SWITCHING/COMB FILTER SCHEMATIC continued



ADDITIONAL SCHEMATIC  
NOTES, SEE PAGE 2D

A PHOTOFAC STANDARD NOTATION SCHEMATIC  
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## Important Parts Information

- The parts listed here are those not usually available from a well-stocked supply cabinet or bin.
- Where items may be replaced with equivalent parts, several alternates are shown from participating vendors.
- On the parts lists, safety items are marked with a # to remind you that only exact replacements are recommended for these items.
- When ordering parts, state the model number, part number, and description.

## Obtaining Parts

Many of these parts are available from your local Sams authorized distributor or the manufacturer of the equipment. Call Sams for the name of your nearest distributor:

800-428-7267

Or consult the Sams *Annual Index* for the address of the original equipment manufacturer.

## Participating Vendors

Information on test equipment and replacement parts is listed in these pages for the following participating vendors. Consult the Sams *Annual Index* for their current address.

- NTE Electronics, Inc. (NTE)
- Sencore, Inc.

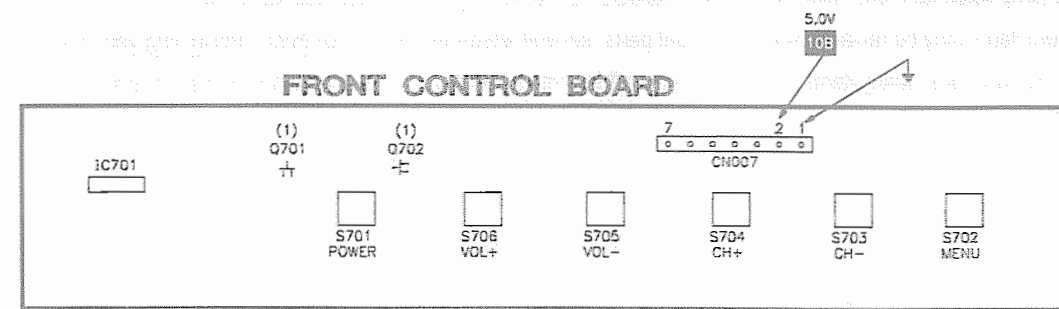
JVC

MODEL AV-36260/AR

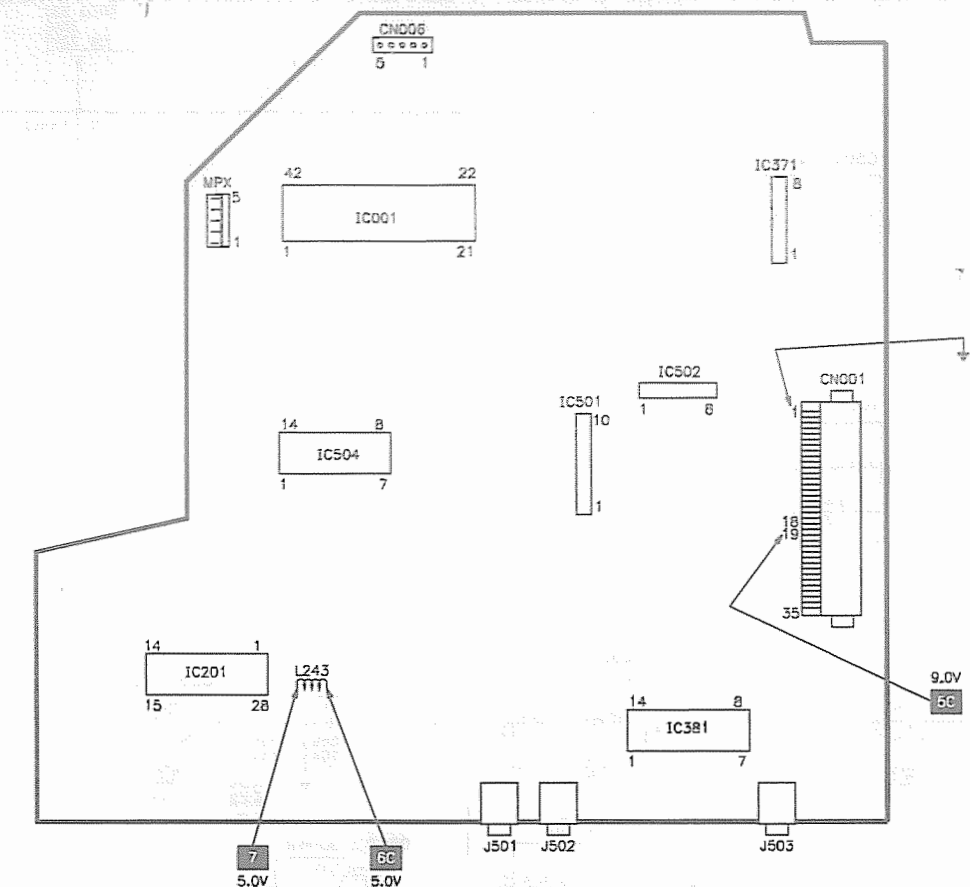
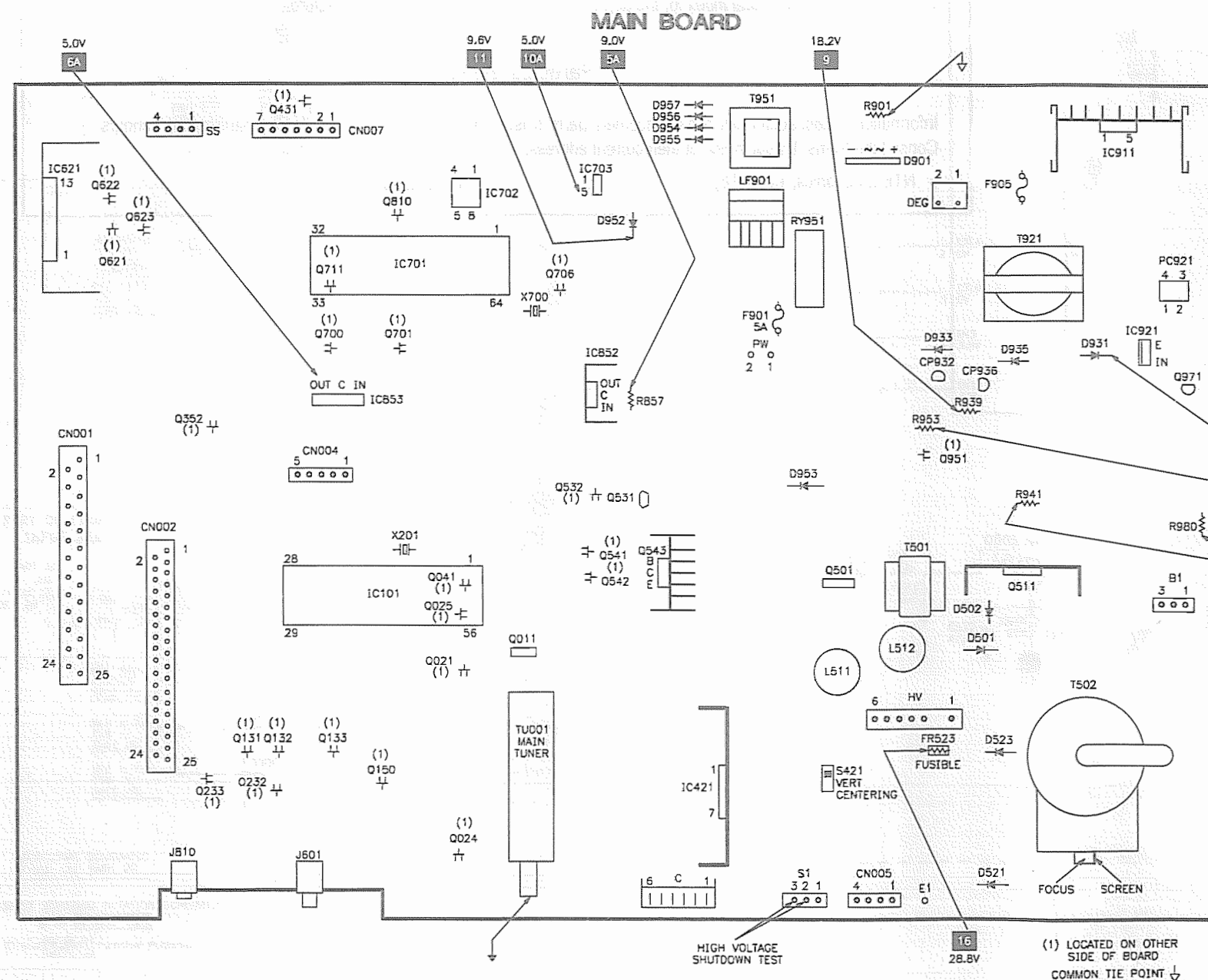


## PLACEMENT CHART

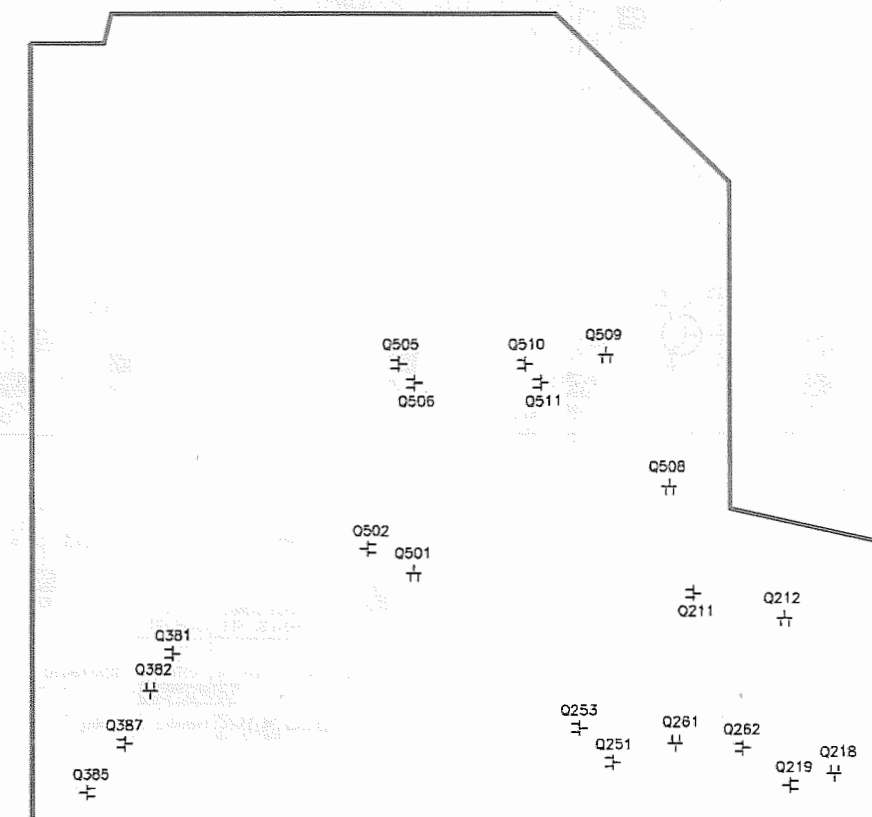
## AV SELECTOR BOARD - TOP VIEW



(1) LOCATED ON OTHER  
SIDE OF BOARD

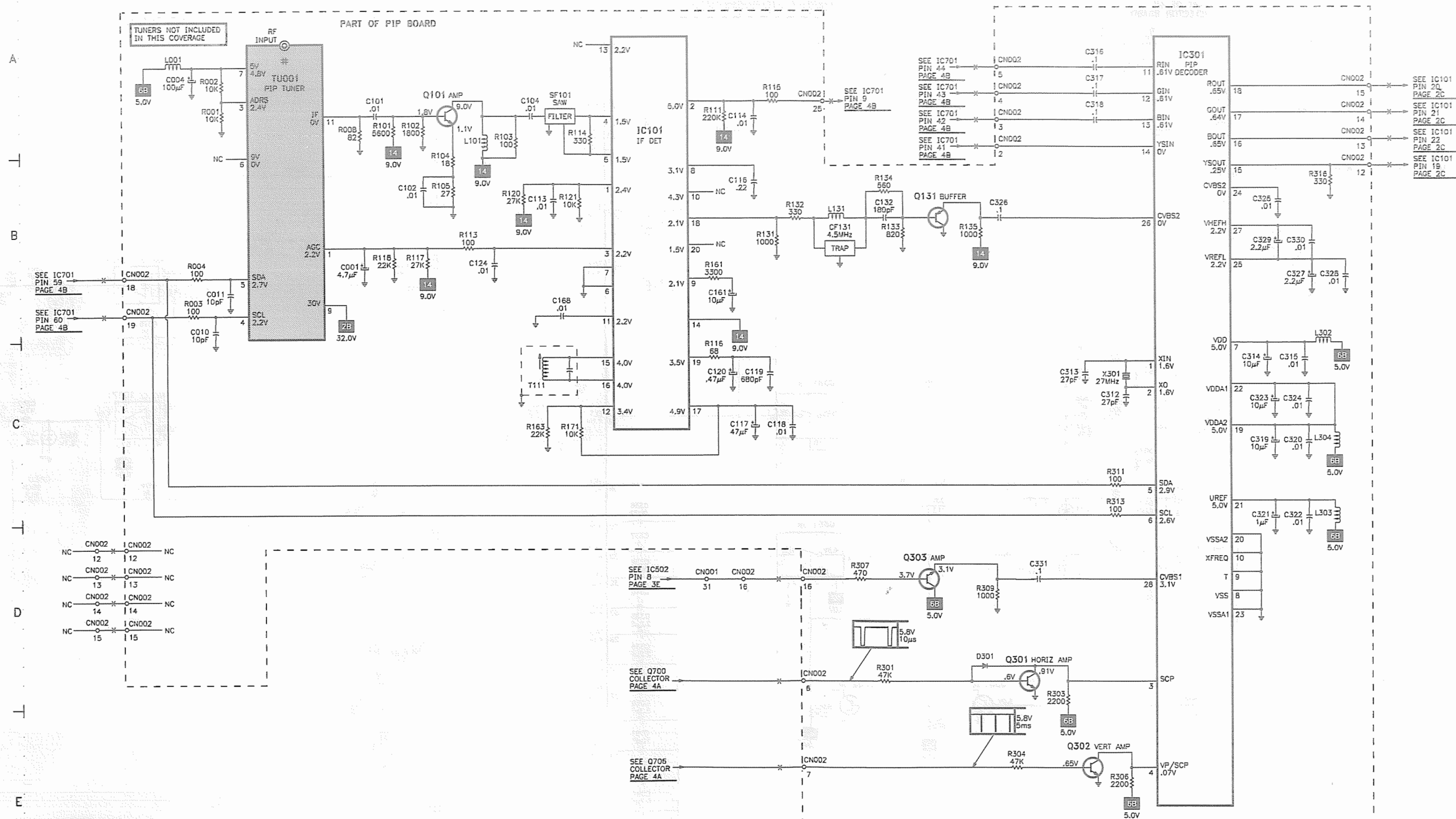


## AV SELECTOR BOARD - BOTTOM VIEW





# PIP SCHEMATIC



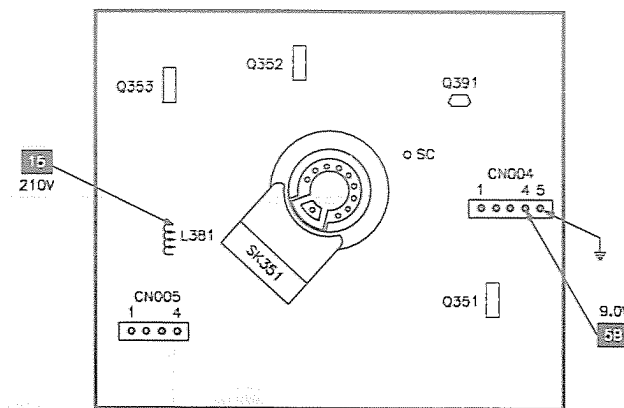
ADDITIONAL SCHEMATIC  
NOTES, SEE PAGE 2D

A PHOTOFACT STANDARD NOTATION SCHEMATIC  
WITH CIRCUITACE

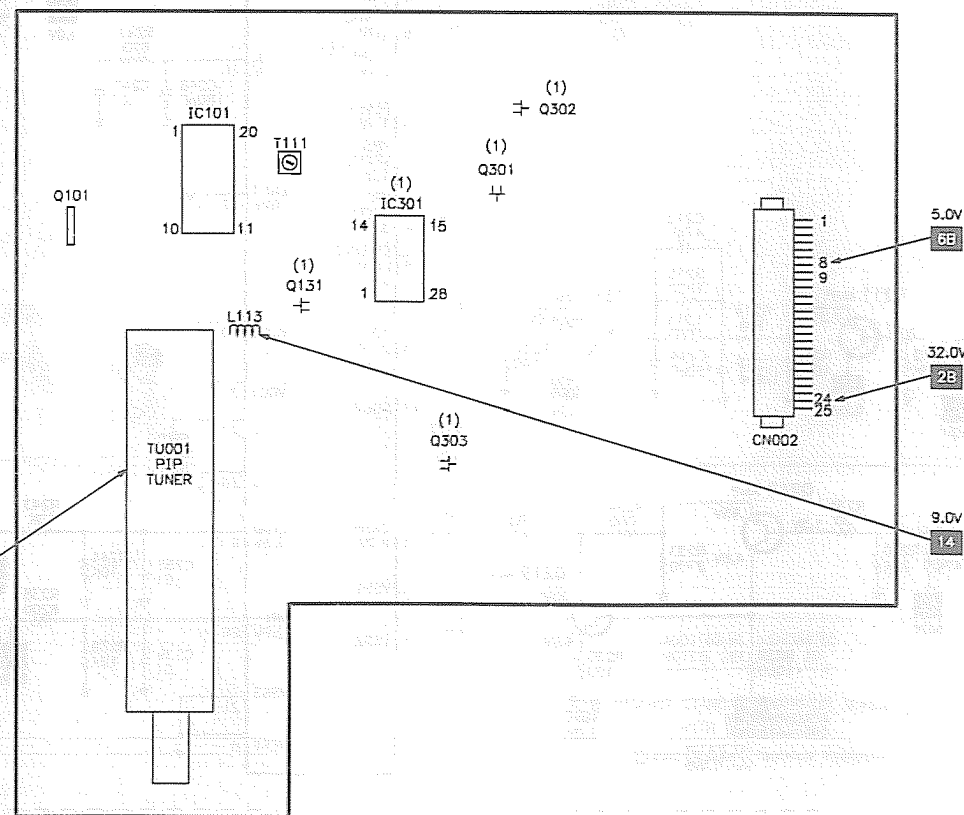
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# PLACEMENT CHART continued

## GRT BOARD



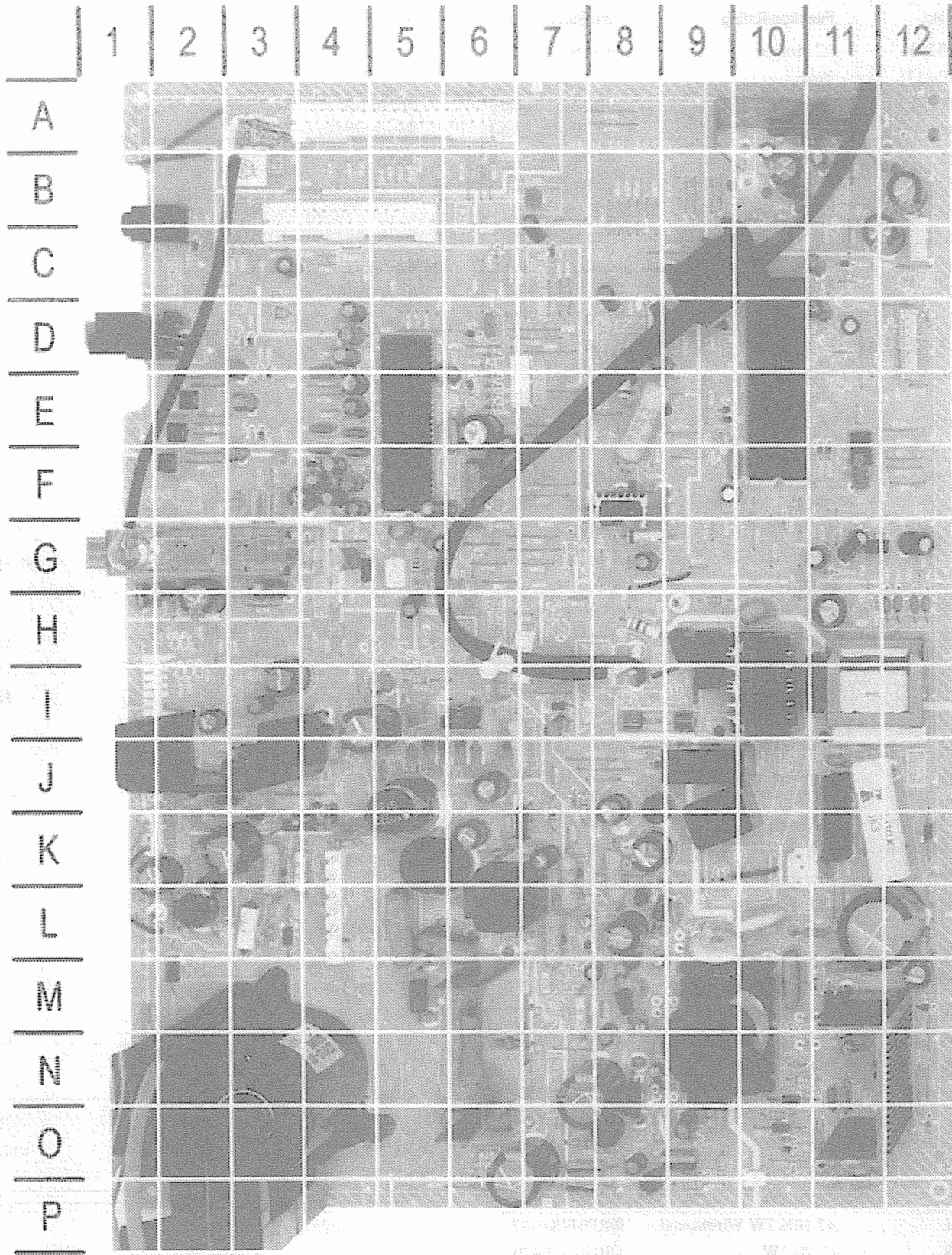
## PIP BOARD



# SCHEMATIC COMPONENT LOCATION GUIDE

C001	B66	C248	C51	C523	E11	D422	D5	J503	B41	Q810	C60	R265	C53	R514	D34	R765	C63
C002	C1	C249	C51	C525	E2	D424	D5	J503	C42	Q951	C60	R265	C53	R514	D34	R765	C63
C003	A28	C251	C51	C526	D10	D501	B46	J601	A9	Q971	B17	R281	D4	R515	D34	R766	E63
C004	A64	C252	C52	C527	D47	D502	E6	J601	A9	R001	B22	R282	D1	R518	D34	R767	E63
C005	B25	C253	C53	C527	E2	D502	B46	J601	B9	R001	C1	R286	D2	R520	B46	R768	D62
C006	A65	C255	C53	C528	A53	D504	B46	J601	A59	R002	A66	R287	D3	R521	B46	R772	B62
C007	C24	C261	C52	C531	E9	D505	D47	K912	D5	R003	B45	R288	D1	R522	B46	R775	C58
C008	C66	C263	C53	C531	A53	D506	C15	K917	C19	R004	B45	R289	D1	R523	B46	R776	C59
C009	B1	C281	D3	C531	E9	D507	C35	K918	C19	R008	A66	R292	C12	R525	B47	R794	B62
C010	B66	C282	B27	C532	C55	D508	C35	K918	A21	R011	B1	R294	C14	R525	B2	R798	D2
C011	B1	C283	B25	C533	C18	D507	C35	K918	A21	R011	B1	R295	C14	R526	B47	R799	D3
C012	B2	C284	D1	C601	B9	D511	C35	K932	A21	R012	B1	R301	A15	R526	E2	R800	E23
C013	B27	C285	D1	C602	A10	D512	D35	K932	A21	R012	B1	R301	A15	R526	E2	R800	E23
C014	B26	C286	D1	C603	A10	D513	D46	K933	B21	R013	B1	R301	A15	R526	E2	R800	E23
C015	B2	C287	D1	C609	B10	D514	D46	K935	E21	R014	B2	R301	A15	R526	E2	R800	E23
C016	B3	C288	D1	C610	B11	D515	B37	K941	C58	R015	B2	R302	C15	R527	B47	R811	A60
C017	C28	C312	C70	C611	B11	D516	B37	L001	A64	R016	B2	R303	B15	R528	B47	R812	A59
C018	C27	C313	C70	C621	B43	D521	D9	L001	A65	R018	B2	R303	D70	R528	D10	R814	E61
C019	B3	C314	C71	C622	B43	D523	E9	L01	A19	R020	B4	R304	A15	R529	B48	R815	C60
C020	C3	C315	C71	C623	A43	D525	E2	L012	B2	R021	C2	R304	E70	R529	D2	R817	C59
C021	B2	C316	A70	C624	A43	D526	E2	L022	B5	R022	C3	R305	C15	R531	D11	R821	E58
C022	B3	C317	A70	C625	C44	D527	D10	L042	B5	R023	B4	R306	B15	R532	C17	R822	B60
C023	B26	C318	A70	C626	E28	D529	D2	L101	B67	R024	B5	R306	E70	R533	B17	R824	D62
C024	C2	C319	C71	C627	B43	D531	D2	L101	C14	R025	B5	R307	D69	R534	B18	R827	B62
C025	B27	C320	C71	C628	A44	D535	B17	L113	C24	R026	B5	R309	D70	R535	E2	R856	C22
C026	B25	C321	C71	C629	B44	D537	E10	L131	B69	R028	B5	R311	C70	R537	E2	R857	B23
C027	B27	C322	C71	C634	A60	D601	A10	L202	C52	R038	B6	R313	D70	R538	C18	R858	C23
C028	B3	C323	C71	C700	A60	D603	A10	L211	D50	R041	A7	R316	B71	R542	D48	R901	A19
C029	B6	C324	C71	C701	E28	D606	B10	L232	B9	R042	D5	R331	A37	R543	D48	R909	B20
C030	B5	C325	B71	C702	E27	D700	A62	L243	D27	R043	A5	R332	B37	R543	E2	R911	C20
C031	A5	C326	B70	C703	C61	D701	A62	L243	D27	R047	C3	R333	B38	R544	D49	R912	C19
C032	B28	C327	B71	C706	A62	D701	B54	L261	C52	R048	C3	R334	A38	R544	E3	R913	C19
C033	B6	C328	B72	C707	E27	D703	C62	L302	C71	R081	C38	R334	C30	R545	E3	R914	C19
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C035	A5	C330	B71	C721	B60	D716	C62	L304	C71	R083	A34	R336	B30	R546	D48	R917	C19
C036	B38	C331	C28	C722	E60	D721	D59	L381	D10	R084	B38	R336	D13	R547	D49	R918	C20
C037	C39	C331	D70	C723	E61	D722	C59	L511	D6	R085	D38	R337	C30	R547	E2	R919	B20
C038	C38	C332	C27	C724	D60	D723	B59	L512	E6	R086	D38	R338	A30	R548	D49	R924	D20
C039	A34	C333	D38	C726	C59	D724	B59	L521	A31	R087	E38	R339	B30	R548	E3	R930	C20
C040	B38	C334	D37	C728	D60	D801	E23	L700	C60	R088	E38	R339	C13	R550	B49	R939	E23
C041	B39	C335	D37	C800	E22	D810	B59	L810	E60	R089	E38	R360	C31	R551	B49	R940	E22
C042	C38	C336	D37	C801	E23	D811	E60	L931	A22	R090	E38	R361	A31	R552	B46	R941	A26
C043	C38	C337	D37	C802	E28	D901	A20	L933	B22	R101	A66	R362	B30	R553	B46	R951	B17
C044	E37	C338	D37	C804	E23	D910	C19	L940	D19	R101	B13	R363	C30	R553	E3	R952	B17
C045	D38	C339	D37	C807	E27	D911	C20	LC401	D45	R102	A67	R364	A30	R560	B53	R953	B22
C046	E37	C340	D37	C810	D60	D912	C20	LC601	B9	R102	B14	R365	B30	R561	A53	R973	A22
C047	E38	C343	D38	C811	D60	D913	C20	LC602	A10	R103	B67	R366	C30	R562	A53	R975	B22
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C052	B67	C356	B30	C854	B28	D920	D19	Q021	B4	R113	B67	R372	C39	R570	C55	R998	A17
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C056	C24	C373	C39	C902	A17	D941	A27	Q101	A67	R117	B67	R374	C39	R602	A10	S421	E6
C057	C14	C382	C31	C904	A19	D945	B18	Q131	B69	R118	B66	R375	C40	R603	A10	S701	B58
C058	C14	C391	B27	C905	A19	D952	E22	Q131	C10	R120	B67	R376	C40	R621	B42	S702	B58
C059	B12	C391	B40	C906	A20	D953	C22	Q132	C10	R121	B67	R377	C39	R622	B43	S703	B57
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C061	A68	C392	B25	C908	A20	D955	E20	Q150	C13	R132	B69	R381	D10	R624	A43	S705	B57
C062	B13	C392	C40	C912	C20	D956	E21	Q211	D50	R133	B69	R381	E35	R626	B43	S706	B57
C063	B11	C392	D31	C913	C19	D957	E21	Q212	D51	R134	B69	R382	E36	R627	D43	SF101	A67
C064	B13	C393	B12	C914	C20	D972	B22	Q218	E50	R134	C9	R385	C41	R631	D43	SF011	B2
C065	B68	C394	B12	C916	C20	D973	B22	Q219	E50	R135	B70	R387	C41	R632	D43	SP1	A44
C066	C68	C395	B12	C917	C20	F901	A17	Q232	C62	R135	C10	R391	B40	R700	A60	SP2	B44
C067	C69	C402	B33	C918	D19	F905	A20	Q233	B9	R136	C11	R391	D29	R701	B59	T111	C67
C068	C68	C403	B33	C919	B20	FR521	D9	Q251	C53	R137	C10	R392	C40	R702	B57	T501	E4
C069	C68	C421	D4	C931	A28	FR523	E9	Q253	C52	R138	C11	R392	D30	R702	B59	T502	C7
C070	B124	C422	D4	C933	B28	FR525	E2	Q261	C52	R139	C11	R393	B40	R703	B57	T921	A21
C071	C24	C424	D4	C934	C935	IC001	A38	Q262	C53	R140	C10	R393	C29	R704	E62	T951	E20
C072	B69	C425	E10	C935	E22	IC101	A6	Q301	D70	R161	B68	R394	A29	R705	B57	TH901	A19
C073	C11	C427	E5	C937	A22	IC101	A68	Q302	E70	R163	C67	R394	C41	R705	E62	TH902	A19
C074	C11	C428	D5	C938	B22	IC101	B11	Q303	D69	R171	C67	R395	B41	R706	B57	TU001	A66
C075	C9	C430	D5	C939	B21	IC101	B3	Q351	C30	R201	B4	R395	B41	R706	B59	V01	B32
C076	B9	C431	D5	C941	D22	IC101	D2	Q352	A30	R211	B50	R396	C41	R707	B59	VA901	A17
C077	B68	C433	B26	C942	A28	IC201	B51	Q352	D11	R212	D50	R401	D45	R707	D64	X	D7
C078	B67	C434	C4	C951	E22	IC301	A71	Q353	B30	R213	D50	R402	B33	R708	E62	X201	B12
C079	C12	C435	D4	C952	E24	IC371	B40	Q381	E35	R214	D50	R403	B33	R708	E64	X301	C70
C080	C14	C501	B45	C971	A22	IC371	C40	Q382	E36	R215	D50	R421	D4	R709	A57	X700	E60
C081	B14	C501	E4	C972	B22	IC381	C35	Q385	C41	R216	D51	R423	D5	R709	E62		
C082	D28	C502	B45	C973	B23	IC381	C35	Q387	C41	R217	D49	R424	D5	R714	B60		
C083	C206	D27	E4	C997	A18	IC381	C36	Q391	D29	R218	D49	R426	D4	R715	B59		
C084	D49	C503	C47	C998	B19	IC381	D36	Q431	B24	R229	E50	R427	D5	R721	E62		</

MAIN BOARD - TOP VIEW



MAIN BOARD - TOP VIEW, GRIDTRACE LOCATION GUIDE

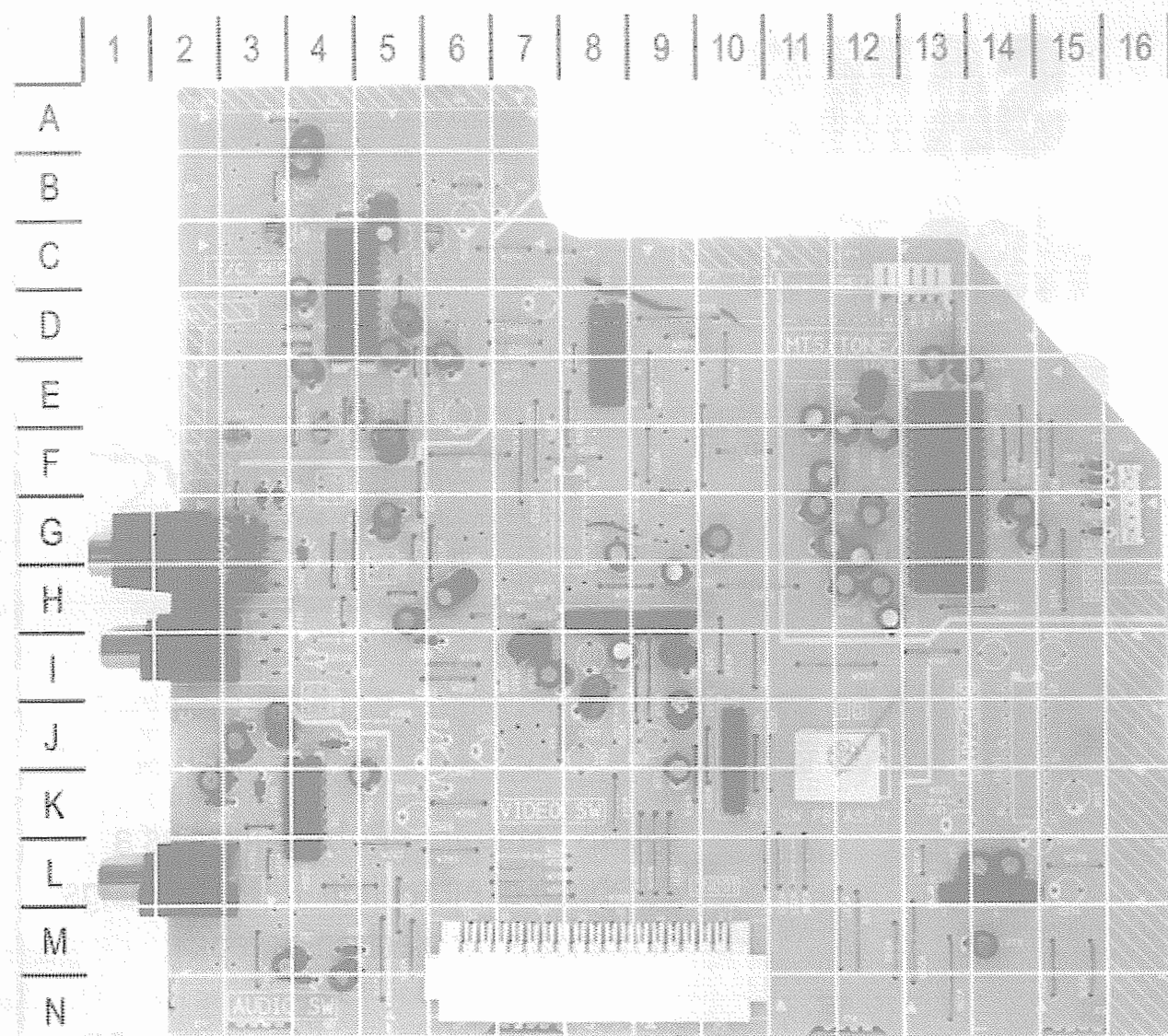
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C	I1	C433	I5	C802	G11	C999	L10	D535	I7	D954	H12	K941	H1	R512	I5	R979	O7
C001	H2	C501	K6	C807	F11	CF001	G4	D537	K3	D955	H12	L001	H3	R523	P2	R980	P7
C002	G3	C502	K6	C810	D11	CF021	F3	D601	D3	D956	H12	L012	G5	R525	L3	R998	H8
C093	H2	C503	K7	C811	D11	CF041	F3	D603	D3	D957	H12	L022	F3	R526	K2	R999	H9
C014	H5	C504	O6	C853	F8	CN001	A6	D606	E3	D972	O9	L042	F3	R527	P2	RY951	J9
C021	F6	C507	K6	C854	G8	CN002	B5	D700	C11	D973	O9	L101	F6	R528	P2	S1	J1
C023	G5	C508	J6	C856	C8	CN004	E7	D701	C11	DEG	K10	L232	D3	R531	J1	S421	K3
C026	F4	C510	O6	C857	C8	CN005	K1	D703	E9	F901	I8	L511	J5	R543	I5	SF011	F6
C028	F5	C513	N6	C901	H9	CN007	D12	D704	E9	F905	L11	L512	K5	R544	H6	SS	C12
C036	F3	C514	L5	C902	I11	CP932	L8	D716	B10	FR521	L2	L521	L2	R545	I6	T501	L6
C038	F4	C515	L5	C904	J11	CP936	M8	D721	C9	FR523	K3	L700	E9	R548	I6	T502	O3
C041	F4	C516	I5	C905	J11	D010	F4	D722	G9	FR525	L2	L810	C9	R553	J7	T921	N9
C042	F4	C521	K1	C906	K11	D101	E6	D723	F11	HV	L4	L931	O8	R856	E8	T951	I11
C045	G5	C523	K2	C907	L11	D102	D6	D724	F11	IC101	F5	L933	J8	R857	G8	TH901	K9
C111	E6	C525	L2	C908	K11	D305	D6	D801	G11	IC421	J3	L940	L7	R858	D8	TU001	G2
C113	E4	C526	P2	C912	M11	D306	E6	D810	C2	IC621	A10	LC601	F2	R901	K11	VA901	H9
C114	F4	C527	K3	C913	N11	D307	E6	D811	G10	IC701	F10	LC602	E2	R909	M11	X201	E6
C115	F4	C531	L3	C914	M12	D308	D6	D901	J11	IC702	F11	LC603	E2	R911	L12	X700	F9
C136	C3	C533	I7	C919	M10	D309	E6	D910	O12	IC703	G11	LF901	I10	R912	N11		
C202	E6	C601	F3	C931	N7	D310	E6	D911	K12	IC852	F9	PC921	P10	R913	O11		
C281	D4	C602	E3	C933	K8	D352	C7	D912	N10	IC853	C8	Q011	G4	R914	N11		
C282	E4	C603	D3	C935	L8	D353	C6	D913	O10	IC911	N12	Q501	K6	R915	N10		
C284	D4	C609	F4	C937	O8	D421	J3	D914	O10	IC921	O9	Q511	N6	R917	O11		
C286	D4	C610	E4	C938	J8	D422	J4	D915	M11	J601	D1	Q531	I7	R918	O10		
C287	D4	C611	E4	C939	L9	D424	D12	D917	M12	J810	B2	Q543	I6	R919	M11		
C352	C7	C625	B10	C941	M8	D501	M5	D918	O10	K401	K4	Q971	P8	R924	O9		
C354	D6	C626	B10	C942	M7	D502	M6	D920	O10	K912	O11	R014	G5	R930	L12		
C391	E5	C627	B11	C951	H11	D521	M2	D931	N8	K916	N11	R427	I4	R939	K8		
C422	J2	C628	C12	C952	G11	D523	L4	D933	L8	K917	N11	R434	K3	R940	G11		
C424	I2	C629	B12	C971	O8	D525	L2	D935	M8	K918	O11	R435	K4	R941	M7		
C425	I3	C634	B10	C972	O9	D526	K2	D941	L7	K931	N8	R503	K7	R953	J7		
C427	I3	C706	C11	C973	N8	D527	P2	D945	J8	K932	N8	R504	K7	R973	O7		
C428	I4	C707	F9	C997	H10	D529	J2	D952	G11	K933	M8	R505	L7	R975	P9		

MAIN BOARD - BOTTOM VIEW, GRIDTRACE LOCATION GUIDE

C011	G9	C288	D8	C816	D2	Q810	E2	R111	E8	R303	E8	R602	E10	R731	E4	R793	D4
C012	G8	C392	D7	C916	N4	Q951	I5	R134	C9	R304	E7	R603	D10	R732	E4	R794	D4
C013	G8	C393	D8	C917	O3	R001	G11	R135	D9	R305	E7	R621	A4	R733	E3	R795	D4
C015	G8	C394	D8	C918	O3	R003	G11	R136	D9	R306	E7	R622	A3	R734	E3	R798	C4
C016	G8	C395	D8	C934	K5	R004	G11	R137	D9	R356	C7	R623	A4	R737	F4	R799	C4
C024	F8	C421	I10	Q021	F10	R011	G9	R138	D9	R359	D7	R624	A3	R738	D4	R800	F2
C025	F9	C430	J10	Q024	F11	R012	G9	R139	D9	R421	I11	R626	A2	R739	D4	R807	F3
C027	F8	C434	J10	Q025	F8	R013	G9	R140	C9	R423	I10	R627	B2	R740	E4	R811	E3
C030	F11	C435	I11	Q041	F8	R015	G8	R201	E6	R424	I9	R631	B2	R742	E3	R812	D3
C034	F8	C621	A3	Q131	D9	R016	G8	R237	C10	R426	I10	R632	B2	R743	D3	R814	E3
C037	F8	C622	A3	Q132	D9	R018	F8	R238	C10	R429	H10	R700	F3	R744	D3	R815	E2
C043	E10	C623	A3	Q133	D9	R020	F9	R241	C10	R431	H8	R701	E2	R749	D4	R817	E2
C044	F10	C624	A3	Q150	E10	R021	F8	R243	D10	R432	H9	R702	E2	R750	D4	R821	E3
C046	F8	C700	F3	Q232	D10	R022	F9	R281	E8	R433	H9	R704	F2	R751	D4	R822	E3
C047	F8	C702	D3	Q233	C10	R023	F9	R282	D9	R444	D1	R705	F2	R752	D4	R824	F4
C048	F10	C703	D3	Q352	C7	R024	F9	R283	D8	R445	D1	R706	E2	R754	D3	R827	E4
C112	E8	C710	E3	Q431	D1	R025	F10	R286	D9	R502	J6	R707	E2	R755	C4	R951	J5
C116	E8	C721	E3	Q532	H6	R026	F10	R287	D8	R529	J11	R708	F2	R756	C4	R952	I5
C134	D9	C722	C3	Q541	H7	R028	F11	R288	D9	R532	H6	R709	F2	R764	I12	R978	N4
C135	D9	C723	C3	Q542	H7	R038	F11	R289	D8	R533	H6	R714	E3	R765	I12		
C151	C10	C724	D4	Q621	B2	R041	F8	R290	D9	R534	H6	R715	D3	R766	H12		
C201	E7	C726	F4	Q622	B2	R042	F10	R292	D8	R535	I11	R721	E2	R767	H12		
C203	E8	C728	E3	Q623	B2	R043	F10	R293	F6	R537	J11	R722	D2	R768	H12		
C233	C10	C801	F1	Q700	D4	R047	F8	R294	E10	R538	I6	R724	D2	R769	E4		
C237	E9	C804	F1	Q701	D4	R048	F8	R295	E9	R546	H8	R726	C3	R772	D4		
C283	E8	C812	D2	Q706	F3	R101	D7	R301	E8	R547	H8	R728	C2	R775	F4		
C285	D8	C813	E3	Q711	C3	R102	D8	R302	E8	R601	E10	R729	C2	R776	F4		



# AV SELECTOR BOARD - TOP VIEW

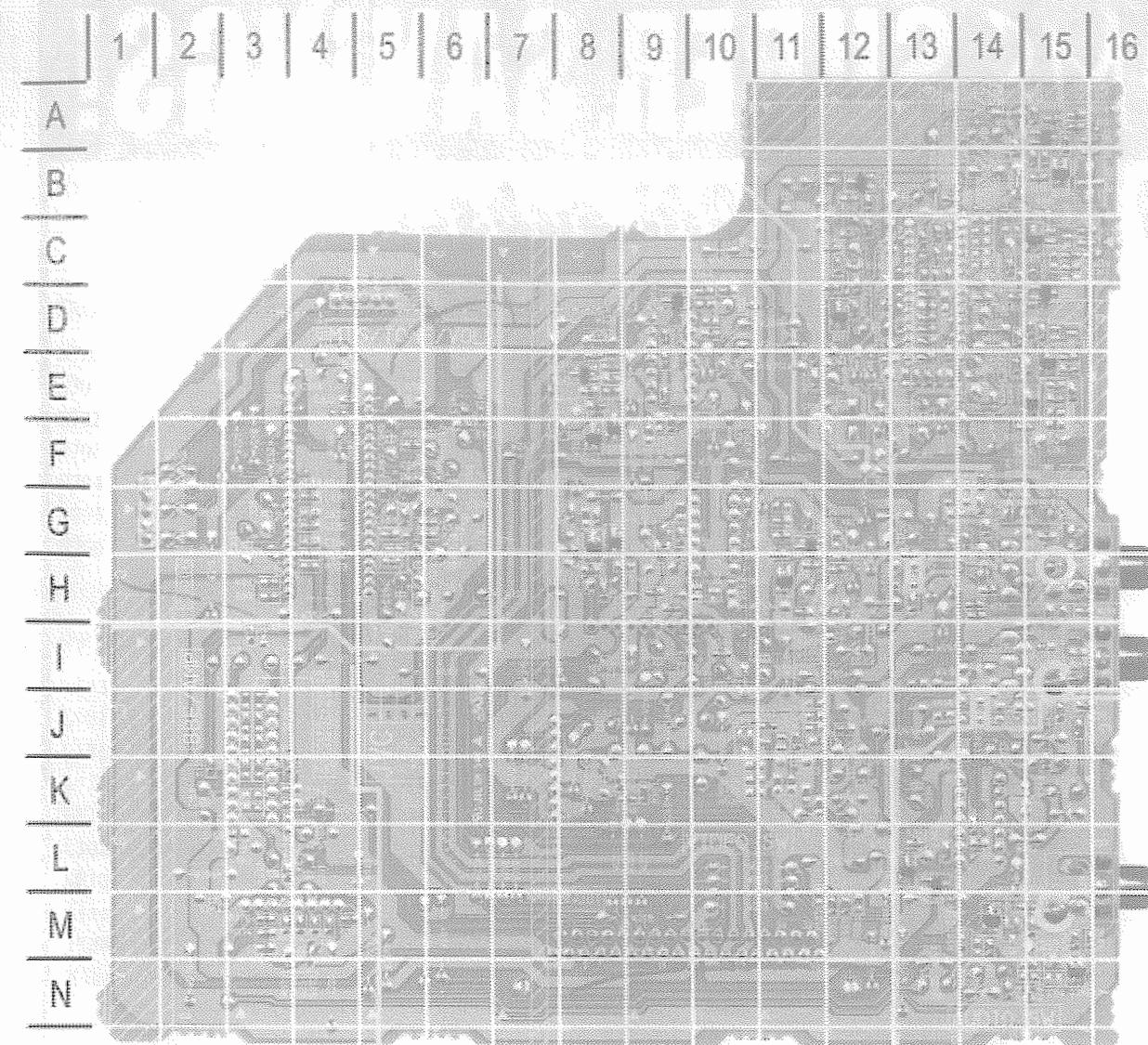


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## AV SELECTOR BOARD - TOP VIEW, GRIDTRACE LOCATION GUIDE

C082	F12	C211	D6	C371	L14	C512	I7	D392	N3	D515	G15	L202	F3
C083	F12	C215	D5	C372	L14	C514	I8	D501	G4	D516	G15	L211	C6
C084	E11	C231	D5	C373	M12	C515	J3	D502	G5	IC001	E13	L242	E4
C086	F11	C232	B5	C392	M2	C516	K2	D503	I6	IC201	D5	L243	F4
C089	G12	C233	D4	C501	G5	C519	G8	D504	F3	IC371	L13	L261	C3
C090	G11	C235	E4	C502	H5	C520	I9	D505	F3	IC381	K4	MPX	C12
C091	G11	C251	B4	C503	I8	C521	H9	D506	J4	IC501	H8		
C092	G12	C331	E13	C504	K5	C522	G10	D507	K3	IC502	J10		
C093	H12	C333	E12	C505	J3	C528	K9	D511	C3	IC504	D8		
C094	H12	C335	G14	C506	H6	CN001	M10	D512	K2	J501	G2		
C095	H12	C338	G14	C507	I7	CN006	G16	D513	F15	J502	I2		
C205	F5	C343	E14	C511	J9	D391	M4	D514	F15	J503	L2		

# AV SELECTOR BOARD - BOTTOM VIEW



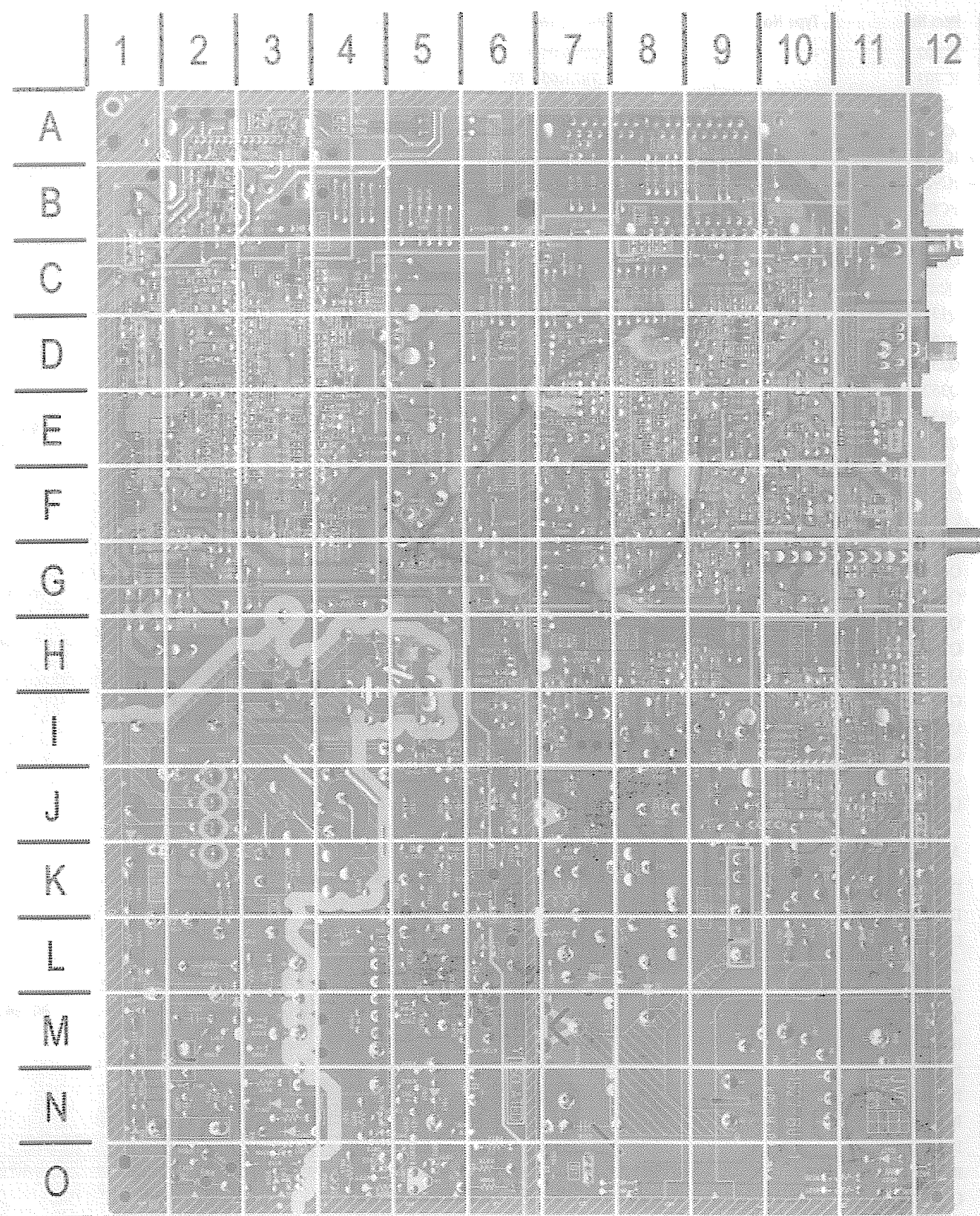
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## AV SELECTOR BOARD - BOTTOM VIEW, GRIDTRACE LOCATION GUIDE

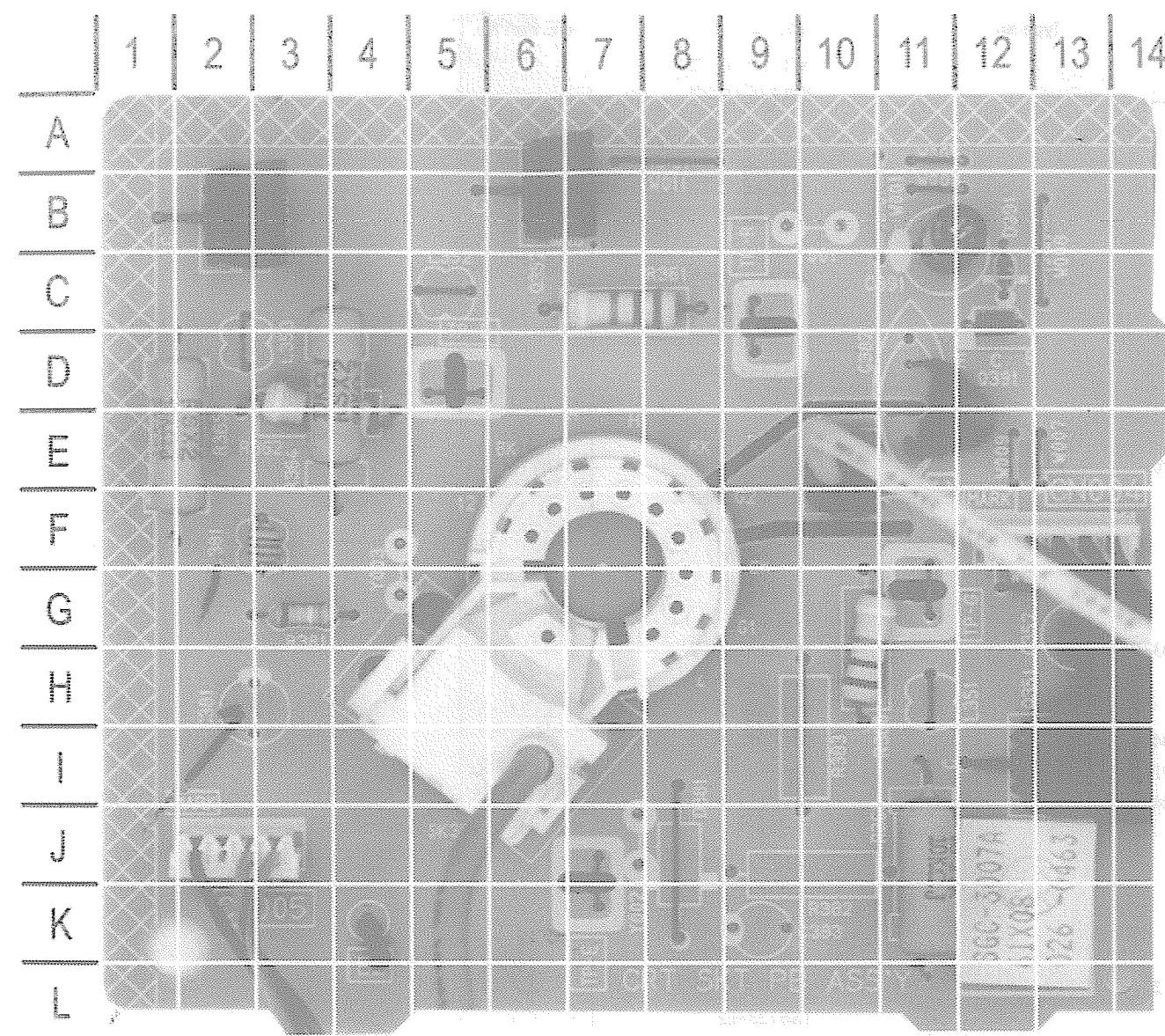
C081	F4	C244	D13	C531	D9	Q508	D9	R215	B12	R251	F15	R377	M3	R507	H15	R547	G8
C085	F5	C245	C13	C532	E8	Q509	E8	R216	B12	R253	E15	R378	M4	R508	H14	R548	H9
C087	F5	C246	C13	Q211	D12	Q510	F8	R217	E11	R258	E14	R381	L13	R512	J15	R550	K9
C088	G5	C247	C13	Q212	B12	Q511	F8	R218	E11	R259	E15	R382	L13	R513	K15	R551	K9
C206	F13	C248	E13	Q218	A15	R081	F5	R229	A15	R261	D14	R385	N15	R514	I15	R552	M12
C212	C12	C249	E13	Q219	B15	R082	F6	R230	A15	R262	F15	R387	M14	R515	J15	R553	M12
C213	C12	C252	A14	Q251	E15	R083	E6	R231	A15	R263	C14	R391	M14	R521	H12	R560	D10
C214	C12	C253	E15	Q253	E15	R084	F6	R232	A15	R265	C15	R392	N14	R522	H12	R561	E9
C223	A16	C255	E15	Q261	D15	R085	G6	R233	A15	R331	H3	R393	M15	R524	G11	R562	E9
C226	C13	C332	E4	Q262	C15	R086	G6	R234	B15	R332	H3	R394	M15	R525	G11	R565	E8
C234	D14	C334	G4	Q381	L13	R087	G5	R235	B15	R333	H4	R395	M15	R526	G11	R567	D10
C236	E14	C336	G4	Q382	L13	R088	G5	R236	B15	R334	G4	R396	M15	R527	H11	R568	E8
C237	D13	C337	G4	Q385	N15	R089	G5	R238	E13	R371	M4	R501	G14	R528	H11	R569	E8
C238	C13	C339	G4	Q387	M14	R090	H5	R239	E13	R372	M3	R502	G14	R529	G11	R570	E8
C239	E13	C340	F4	Q501	G11	R211	C12	R241	C13	R373	M3	R503	H14	R542	H8	R572	F8
C241	D13	C518	H9	Q502	H11	R212	D12	R242	D13	R374	M3	R504	G14	R543	H8	R574	F9
C242	E13	C526	H9	Q505	G8	R213	D12	R243	C13	R375	M3	R505	H15	R544	G8		
C243	D13	C527	K8	Q506	G8	R214	D12	R244	C13	R376	M3	R506	H14	R546	G8		



# MAIN BOARD - BOTTOM VIEW



# CRT BOARD

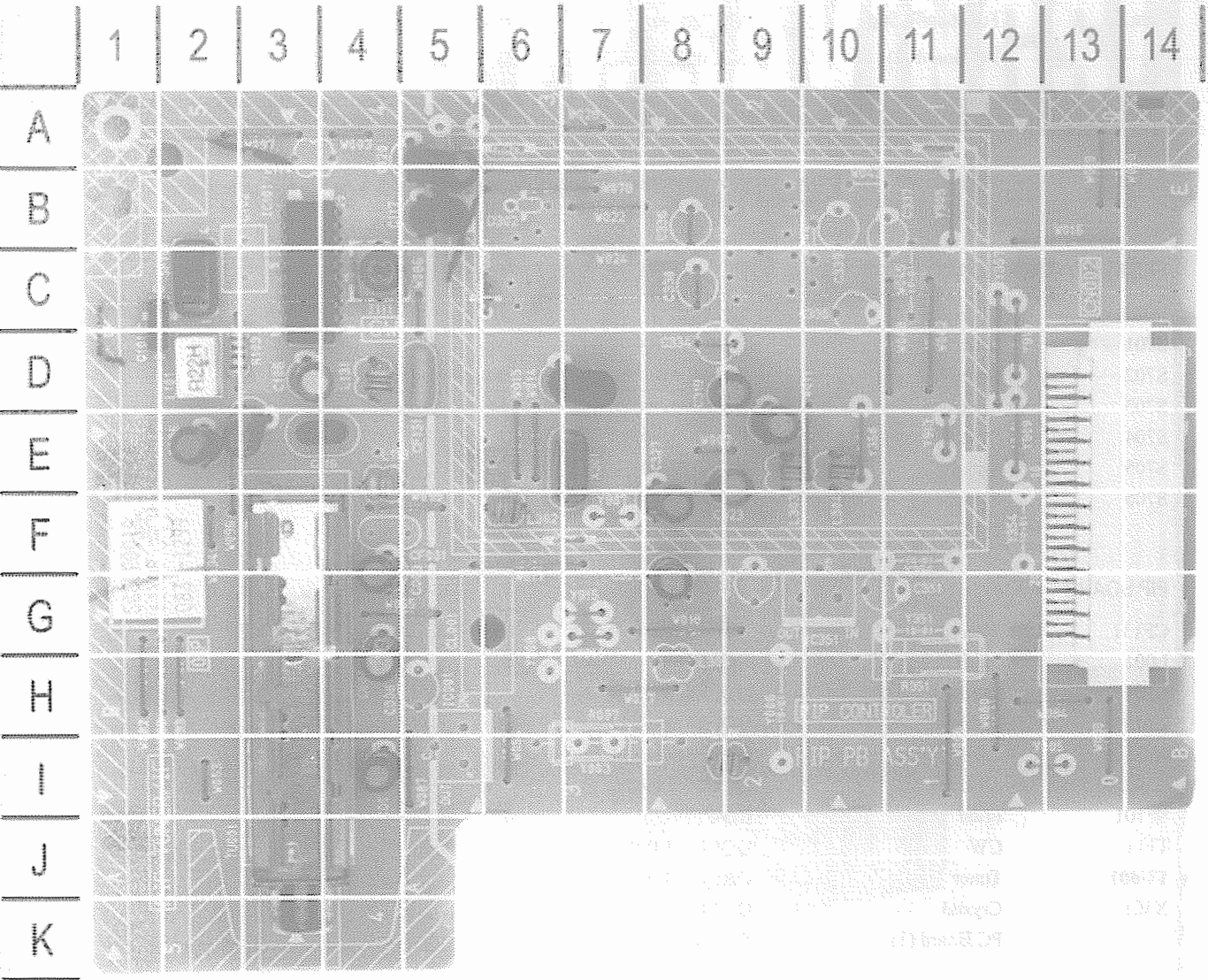


## CRT BOARD, GRIDTRACE LOCATION GUIDE

C354*	K12	CN004	F12	Q391	C12	R360	H10	R367*	B8	R392*	C12	* Located on bottom of board.
C355*	B7	CN005	J2	R354*	K12	R361	C7	R368*	B4	R393*	D12	
C356*	B4	D391	C12	R355*	B8	R362	D3	R372*	A2	R394*	D12	
C357	G13	L381	F3	R356*	B4	R363	J11	R373*	B7	R395*	D12	
C382	E11	Q351	I13	R357*	K12	R364	D3	R374*	H12	SC	E10	
C391	B12	Q352	B6	R358*	B9	R365	E2	R381	G3	SK351	G6	
C392*	C11	Q353	B2	R359*	B4	R366*	I13	R391*	C12			



PIP BOARD - TOP VIEW

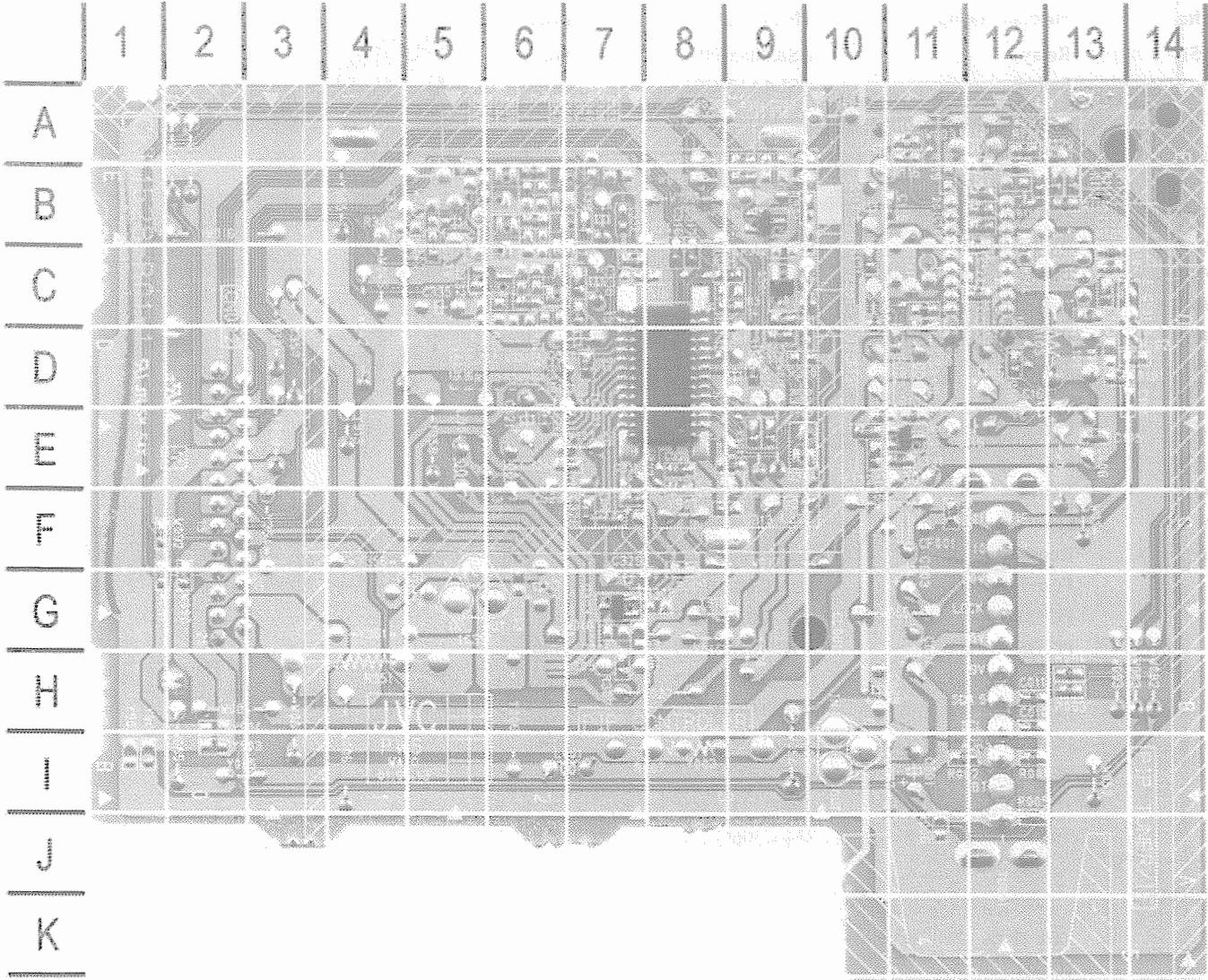


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PIP BOARD - TOP VIEW, GRIDTRACE LOCATION GUIDE

C001	I4	C161	E3	CF131	D5	L131	D4	T111	C4
C003	G3	C314	D7	CN002	D13	L302	F6	TU001	J3
C004	H4	C321	E9	D301	C6	L303	E9	X301	E7
C006	E2	C323	E9	IC101	B3	L304	E10		
C106	D3	C327	F8	L001	I8	Q101	C1		
C116	E3	C329	G8	L101	D2	R103	D2		
C120	A5	C391	M4	L113	E4	SF101	C2		

PIP BOARD - BOTTOM VIEW



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PIP BOARD - BOTTOM VIEW, GRIDTRACE LOCATION GUIDE

C010	H12	C119	A11	C317	C8	IC301	E8	R102	D14	R121	A12	R304	A9
C011	H12	C124	B12	C318	C9	Q131	E11	R104	C13	R131	B12	R306	D9
C101	D14	C131	E10	C319	D9	Q301	C9	R105	C13	R132	D11	R307	H7
C102	C13	C132	E10	C320	D7	Q302	B9	R111	B13	R133	E11	R309	F8
C104	C13	C168	C11	C322	E6	Q303	G7	R113	B12	R134	E10	R311	E9
C105	E13	C261	C15	C324	E7	R001	I12	R114	C12	R135	E10	R313	E9
C107	C12	C263	C15	C325	E8	R002	I11	R115	B13	R161	D12	R316	C8
C113	B12	C312	E8	C326	E8	R003	H13	R116	A11	R163	C11		
C114	B12	C313	F9	C328	F7	R004	H13	R117	B13	R171	C10		
C117	B5	C315	D9	C330	F7	R008	F11	R118	A12	R301	B10		
C118	B11	C316	C8	C331	E7	R101	D13	R120	A13	R303	C9		

JNC

MODEL AV-36260/AR



PARTS LIST

Item No.	Type No.	Mfr. Part No.	NTE Part No.	Item No.	Type No.	Mfr. Part No.	NTE Part No.
D010	-	MTZJ9.1C-T2	-	IC702	-	AT24C04-GC1	-
D101, 02	-	MTZJ5.6B-T2	-	IC703	-	L78LR05E-MA	-
D305 Thru	-			IC852	-	AN7809F	NTE1966
D310	-	ISS133-T2	NTE177	IC853	-	AN7805F	NTE1960
D352	-	MTZJ9.1C-T2	-	# IC911	-	STR-G6624/F8	-
D353	-	ISS133-T2	NTE177	# IC921	-	SE135N	-
D421	-	1N4003-T2	NTE116	# PC921	-	TLP421F/D4-GR	-
D422	-	MTZJ75-T2	-	Q011	-	2SC5083/L-P/-T	-
D424	-	ISS133-T2	NTE177	Q021, 24	-	2SC2412K/QR/-X	NTE2408
D501	-	RH3G-F1	-	Q025, 41	-	2SA1037AK/QR/-X	NTE2409
# D502	-	RU3AM-LFC4	NTE580	Q131, 32, 33	-	2SC2412K/QR/-X	NTE2408
D521	-	RH1S-T3	NTE552	Q150	-	2SA1037AK/QR/-X	NTE2409
# D523	-	RGP10J-5025-T3	-	Q232, 33	-	2SC2412K/QR/-X	NTE2408
D525, 26	-	ISS81-T5	NTE177	Q352	-	2SC2412K/QR/-X	NTE2408
D527	-	ISR124-400-T2	-	Q431	-	UN2212-X	-
D529	-	MTZJ5.1C-T2	-	Q501	-	2SC4212/Z1	NTE2501
# D531	-	MA4068N/Z1/-T2	-	# Q511	-	2SD2645-YD	-
D535	-	ISS133-T2	NTE177	Q531	-	2SC2785/JH/-T	NTE2361
D537	-	ISR35-400A-T2	-	Q532, 41, 42	-	2SA1037AK/QR/-X	NTE2409
D601, 03, 06	-	MTZJ9.1C-T2	-	# Q543	-	2SD1408/OY/-LB	NTE291
D700	-	MTZJ5.6B-T2	-	Q621	-	UN2212-X	-
D701	-	ISS133-T2	NTE177	Q622	-	2SC2412K/QR/-X	NTE2408
D703, 04	-	MTZJ5.6B-T2	-	Q623	-	UN2212-X	-
D716, 21, 22	-	ISS133-T2	NTE177	Q700	-	2SC2412K/QR/-X	NTE2408
D723, 24	-	MTZJ5.6B-T2	-	Q701	-	2SA1037AK/QR/-X	NTE2409
D801	-	ISS133-T2	NTE177	Q706	-	2SC2412K/QR/-X	NTE2408
D810	-	MTZJ5.6B-T2	-	Q711	-	UN2212-X	-
D811	-	ISS133-T2	NTE177	Q810	-	UN2213-X	-
# D901	-	GSIB460-S1	-	Q951	-	2SD1383K/AB/-X	NTE2404
D910	-	MA700A-T2	-	Q971	-	2SA1208/ST/Z1-T	-
# D911, 12, 13	-	RGP10J-5025-T3	-				
D914	-	ISS133-T2	NTE177				
D915	-	SARS01-T2	-				
D917	-	MTZJ30A-T2	-				
D918	-	MTZJ5.1C-T2	-				
D920	-	ISS133-T2	NTE177				
D931	-	RU30A-F1	-				
D933, 35	-	RU3YX-LFC4	-				
D941	-	MTZJ33A-T2	-				
D945	-	MTZJ9.1B-T2	-				
D952, 53	-	ISS133-T2	NTE177				
D954 Thru	-						
D957	-	ISR35-400A-T2	-				
D972	-	MTZJ15C-T2	-				
D973	-	ISS133-T2	NTE177				
IC101	-	TB1253AN	-				
# IC421	-	LA7841	-				
# IC621	-	LA4485	-				
IC701	-	MN1876478JW	-				

AV SELECTOR BOARD

D391, 92	-	MTZJ9.1C-T2	-
D501 Thru	-		
D507	-	MTZJ9.1C-T2	-
D511 Thru	-		
D516	-	MTZJ9.1C-T2	-
IC001	-	UPC1851BCU	-
IC201	-	TC90A53N	-
IC371	-	BA15218N	NTE778S
IC381	-	TC4066BP/N/	-
IC501	-	BA7644AN	-
IC502	-	BA7612N	-
IC504	-	TC4066BP/N/	-
Q211, 12, 18	-	2SC2412K/QR/-X	NTE2408
Q219	-	2SA1037AK/QR/-X	NTE2409
Q251, 53	-	2SC2412K/QR/-X	NTE2408
Q261, 62	-	2SC2412K/QR/-X	NTE2408
Q381, 82	-	UN2212-X	-

PARTS LIST continued

Item No.	Function/Rating	Mfr. Part No.	Notes
# RY951	Relay	QSK0085-001	Power
S421	Switch	QSL4A13-C02	Vertical Centering
SF011	Filter	QAX0324-002	SAW
# SP1, 2	Speaker	CEBSS12D-02J2	3" X 4 3/4", 8 Ohms, 5W
T501	Horizontal Drive	CE42034-002	-
# T502 (6)	Horizontal Output	QQH0100-001	-
# T921	Switch Mode	QQS0118-001	-
# T951	Power	QQT0355-001	-
# TH901	5.1 Cold PTC	QAD0132-3R0	-
# TH902	PTC	QAD0132-3R0	-
# TU001	Tuner	QAU0247-001	Main
# V01 (3)	CRT	A90LPY30X04	-
# V01 (4)	CRT	A90LLD361X15	-
# V01 (5)	CRT	A90AEJ15X01	-
# VA901	Varistor	ERZV10V621CS	-
X201	Crystal	CE40668-001Z	3.58MHz
X700	Resonator	QAX0307-001	-
	Fuse Holder	CEMG002-001Z	For F901 (2 Used)
	PC Board (7)	SGC-1027A-M2	Main
	PC Board (11)	SGC-1028A-M2	Main
	PC Board (12)	SGC-1026A-M2	Main
	PC Board (10)	SGC-1034A-M2	Main
	PC Board (8)	SGC-1035A-M2	Main
	PC Board (9)	SGC-1033A-M2	Main
	Transmitter (1)	RM-C305G-1A	Remote, RM-C305-1A
	Transmitter (2)	RM-C306G-1A	Remote, RM-C306-1A

CRT BOARD

# C382	.001 +80% -20% 3kV	QCZ0121-102	-
L381	100μH	QQL244K-101Z	-
# SK351	Socket	QNZ0537-001	CRT
	PC Board (3)	SGC-3008A-M2	CRT
	PC Board (4)	SGC-3006A-M2	CRT
	PC Board (5)	SGC-3007A-M2	CRT

AV SELECTOR BOARD

C082	4.7μF 20% 50V NP	QENC1HM-475Z	-
C083	1μF 20% 50V NP	QENC1HM-105Z	-
C371, 72	1μF 20% 50V NP	QENC1HM-105Z	-
C507	10μF 20% 16V NP	QENC1CM-106Z	-
C511	10μF 20% 16V NP	QENC1CM-106Z	-
J501	Jack	QNZ0454-001	Assembly
J502	Jack	QNN0348-001	Assembly
J503	Jack	QNN0348-001	Assembly
L202	15μH	QQL244K-150Z	-
L211	4.7μH	QQL244K-4R7Z	-
L242, 43	4.7μH	QQL244K-4R7Z	-
L261	15μH	QQL244K-150Z	-
	PC Board (1)	SGC0S003A-M2	AV Selector

Item No.	Function/Rating	Mfr. Part No.	Notes
	PC Board (2)	SGC0S004A-M2	AV Selector

FRONT AV INPUT BOARD

J401	Jack	CEMN041-001	Assembly
LC401	EMI Filter	QQR1199-001	-
	PC Board	SGC-8603A-M2	Front AV Input

FRONT CONTROL BOARD

IC701	Receiver	GPIU281Q	Remote
S701	Switch	QSW0707-001Z	Power
S702	Switch	QSW0707-001Z	Menu
S703	Switch	QSW0707-001Z	Channel Down
S704	Switch	QSW0707-001Z	Channel Up
S705	Switch	QSW0707-001Z	Volume Down
S706	Switch	QSW0707-001Z	Volume Up
	PC Board	SGC-8503A-M2	Front Control

PIP BOARD

CF131	Trap	QAX0639-001Z	4.5MHz
L001	56μH	QQL244K-560Z	-
L101	.22μH	QQLZ014-R22	-
L113	4.7μH	QQL244K-4R7Z	-
L131	15μH	QQL244K-150Z	-
L302, 03, 04	6.8μH	QQL244J-6R8Z	-
SF101	Filter	CE42589-201	SAW
T111	CW	QQR0907-001	-
# TU001	Tuner	QAU0228-001	PIP
X301	Crystal	QAX0521-001Z	27MHz
	PC Board (1)	SGC0P001A-M2	PIP

# For SAFETY use only equivalent replacement part.

- (1) Used in models AV-36260/AH, AV-36260/AM, and AV-36260/AR.
- (2) Used in models AV-36230/AH, AV-36230/AM, and AV-36230/AR.
- (3) Used in models AV-36230/AH and AV-36260/AH.
- (4) Used in models AV-36230/AM and AV-36260/AM.
- (5) Used in models AV-36230/AR and AV-36260/AR.
- (6) Screen and focus controls are part of T502.
- (7) Used in model AV-36260/AH.
- (8) Used in model AV-36230/AM.
- (9) Used in model AV-36230/AR.
- (10) Used in model AV-36230/AH.
- (11) Used in model AV-36260/AM.
- (12) Used in model AV-36260/AR.
- (13) Bonded part of CRT.

## PARTS LIST continued

Item No.	Type No.	Mfr. Part No.	NTE Part No.
Q385, 87	-	DTC323TK-X	-
Q501, 02, 05	-	2SC2412K/QR/-X	NTE2408
Q506, 08, 09	-	2SC2412K/QR/-X	NTE2408
Q510, 11	-	UN2212-X	-

## CRT BOARD

D391	-	ISS133-T2	NTE177
Q351, 52, 53	-	2SC4544-LB	NTE376%
Q391	-	2SA933AS/QR/-T	NTE290A

## FRONT CONTROL BOARD

D701	-	GL2PR6	-
Q701, 02	-	UN2212-X	-

## PIP BOARD

D301	-	ISS133-T2	NTE177
IC101	-	M52342SP	-
IC301	-	SDA9389X-X	-
Q101	-	2SC5083/L-P/-T	-
Q131	-	2SA1037AK/QR/-X	NTE2409
Q301, 02, 03	-	2SC2412K/QR/-X	NTE2408

Item No.	Function/Rating	Mfr. Part No.	Notes
C136	10μF 20% 16V NP	QENC1CM-106Z	-
# C501	150pF 10% 500V	QCB32HK-151Z	-
# C510	.0053 3% 1.5kV	QFZ0196-532	-
	.0058 3% 1.5kV	QFZ0196-582	-
# C513	.013 3% 1.5kV	QFZ0198-133	-
# C514	.018 5% 400V	QFP32GJ-183	-
# C515	.62 5% 250V	QFZ0197-624	-
	.56 5% 250V	QFZ0197-564	-
	.65 5% 250V	QFZ0197-654	-
C810	.47μF 20% 50V NP	QENC1HM-474Z	-
C811	1μF 20% 50V NP	QENC1HM-105Z	-
# C901	.1 20% 275VAC	QFZ9067-104	-
# C902	.047 20% 275VAC	QFZ9067-473	-
# C904, 05, 06	.001 +80% -20% 250VAC	QCZ9054-102	-
# C907	470μF 20% 200V	QEZ0169-477	-
# C908	.001 +80% -20% 250VAC	QCZ9054-102	-
C912	.0022 2kV	QCZ0340-222	-
C937	.001 2kV	QCZ0340-102	-
# C997	.001 20% 125VAC	QCZ9052-102	-
# C998, 99	.01 20% 125VAC	QCZ9074-103	-
CF001	Trap	QAX0349-001	47.25MHz
CF021	Trap	QAX0639-001Z	4.5MHz
CF041	Filter	QAX0642-001Z	4.5MHz
# CN10PW	Line Cord	QMPD390-200-JS	AC, Polarized
	Line Cord	QMPD200-200-JC	AC, Polarized

Item No.	Function/Rating	Mfr. Part No.	Notes
# CP932, 36	IC Protect	ICP-N70-T	Protect
# DY01 (13)	Yoke	-	Horiz .94mH, Vert 25mH
# F901 (3)(5)	Fuse	QMF51U1-5R0-J8	5Amp, 125V
# F901 (4)	Fuse	QMF51N1-5R0-J5	5Amp, 125V
# F905	Fuse	QMFZ034-5R0Z-J1	5Amp, 125V
# FR521	15 5% 1/2W Fusible	QRK129J-150	-
# FR523	3.3 5% 2W Fusible	QRX029J-3R3	-
# FR525	4.7 5% 1/4W Fusible	QRZ9017-4R7	-
J601	Jack	QNN0349-002	Assembly
J810	Jack	QNS0001-001	Compulink
K401	Ferrite Bead	QQR0621-002Z	-
K912, 16, 17, 18	Ferrite Bead	QQR0582-001Z	-
K931, 32, 33, 35	Ferrite Bead	QQR0582-001Z	-
K941	Ferrite Bead	QQR0621-002Z	-
# L001	56μH	QQL244K-560Z	-
# L01 (3)(5)	Degaussing	CELD067-001JA	-
# L01 (4)	Degaussing	QQW0114-001	-
L012	.39μH	QQLZ014-R39	-
L022, 42	22μH	QQL244K-220Z	-
L101	47μH	QQL244K-470Z	-
L232	56μH	QQL244K-560Z	-
# L511 (3)(5)	Horizontal Linearity	QQR1027-003	-
# L511 (4)	Horizontal Linearity	CE41029-00A	-
L512	820μH	QQLZ027-821	-
# L521 (3)(5)	56μH	QQLZ018-560	-
# L521 (4)	54μH	QQLZ026-540	-
L700	4.7μH	QQL244K-4R7Z	-
L810	10μH	QQL244J-100Z	-
L931, 33	47μH	QQL26AK-470Z	-
L940	Ferrite Bead	QQR0582-001Z	-
LC601, 02, 03	EMI Filter	QQR1199-001	-
# LF901	Line Filter	QQR0527-003	-
R504, 05	1000 5% 3W	QRL039J-102	-
	820 5% 3W	QRL039J-821	-
# R523	33K 5% 1/4W	QRJ146J-333X	-
# R525	47 5% 1/2W Fusible	QRZ9011-470	-
# R531	390 5% 1/4W	QRJ146J-391X	-
# R535	2200 .5% 1/10W	NRVA02D-222X	-
# R537	7500 .5% 1/10W	NRVA02D-752X	-
R553	18 5% 3W	QRL039J-180	-
R856	6.8 5% 3W	QRX039J-6R8	-
# R857	27 5% 2W	QRL029J-270	-
# R858	18 5% 2W	QRL029J-180	-
	47 5% 2W	QRL029J-470	-
# R901	.47 10% 7W Wirewound	QRF074K-R47	-
# R909	47 5% 1W	QRG01GJ-470	-
# R917	3300 5% 1/2W	QRK126J-332X	-
R939	2.2 5% 3W	QRT039J-2R2	-
# R998	2.7M 10% 1/2W	QRZ9041-275	-



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