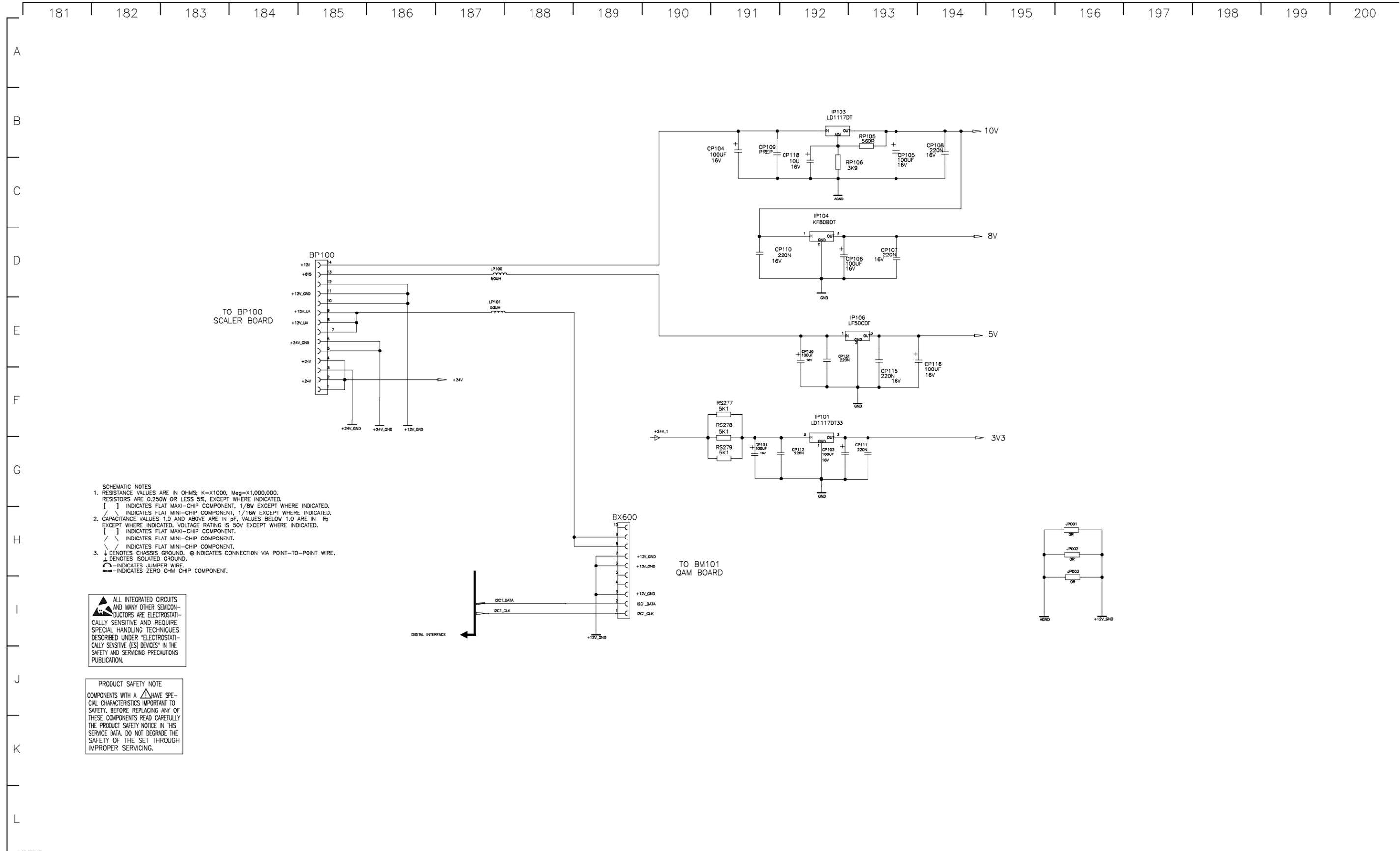


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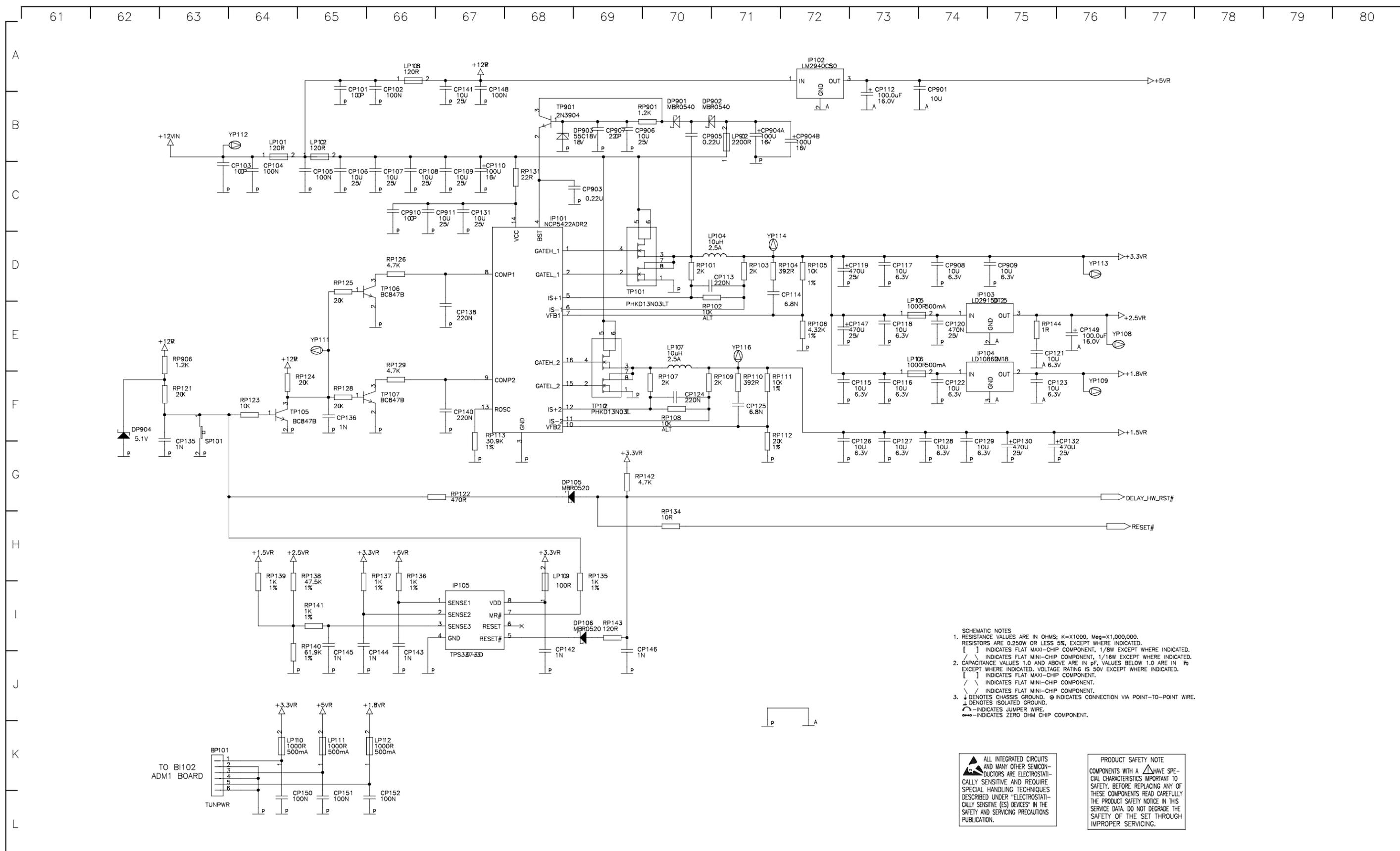
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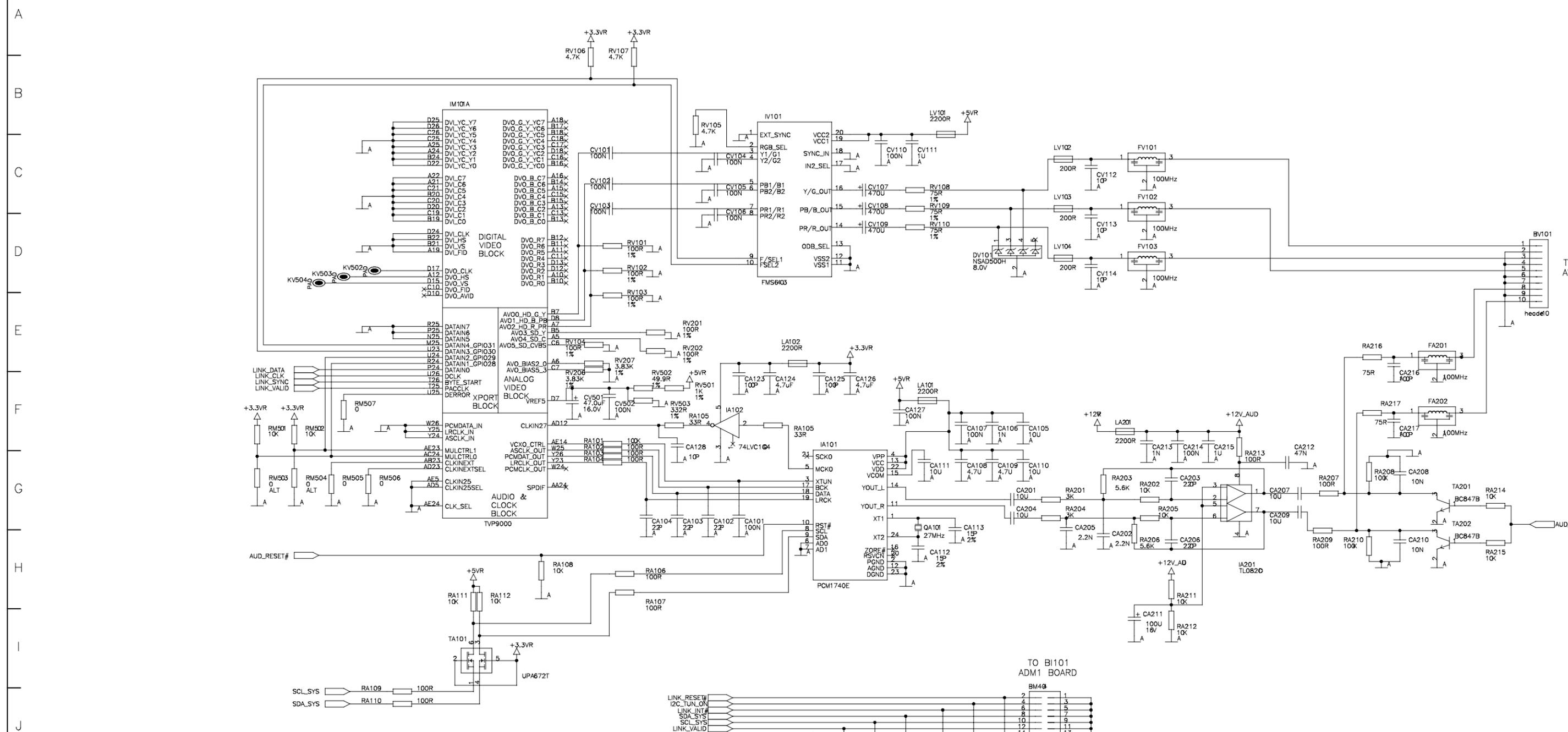


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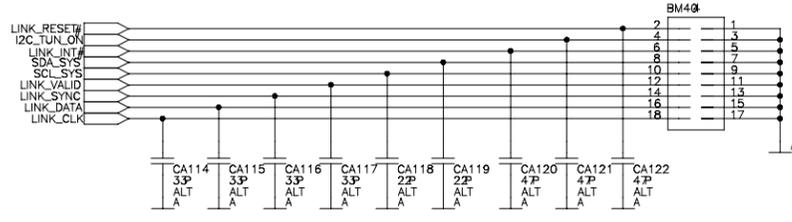
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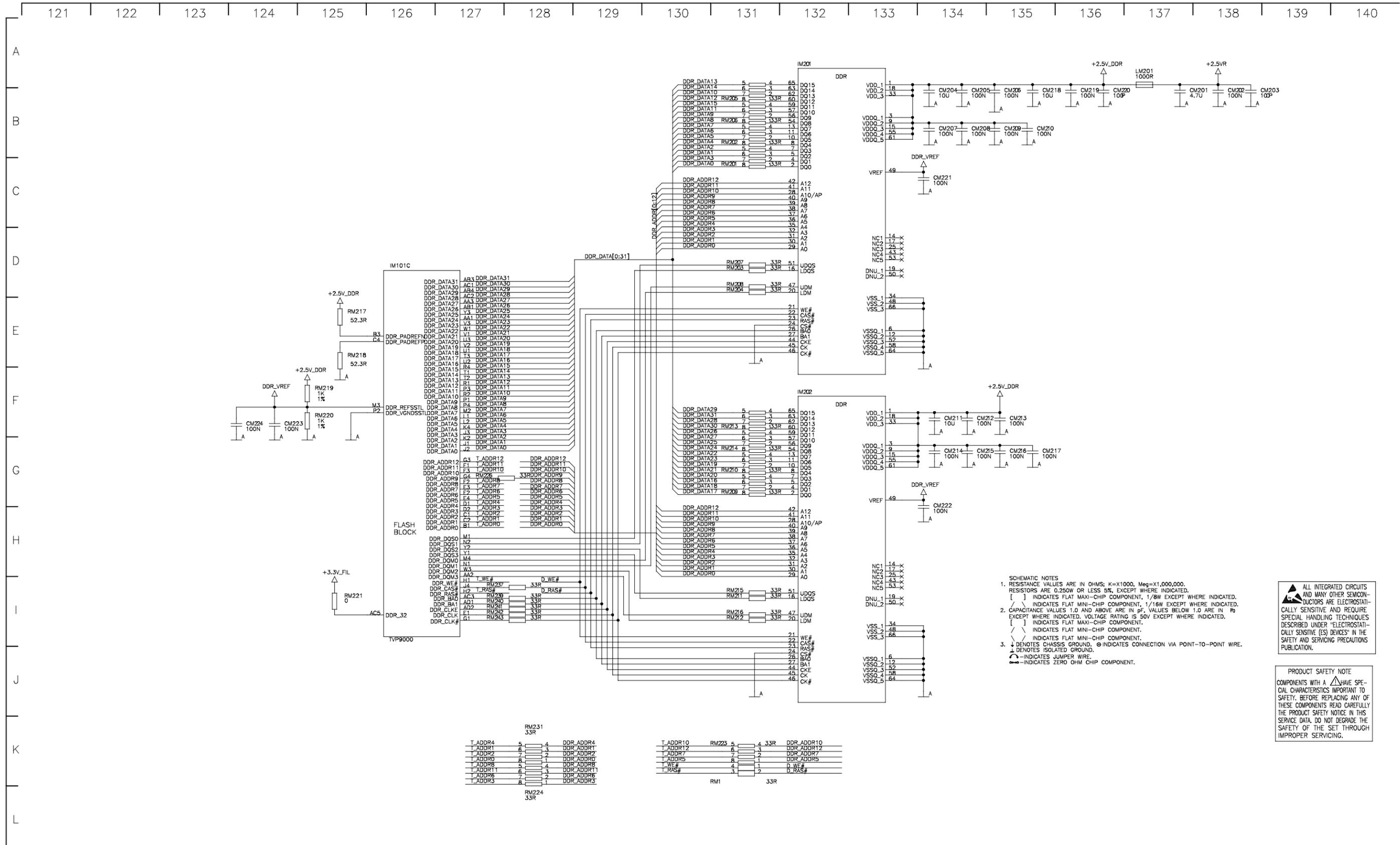


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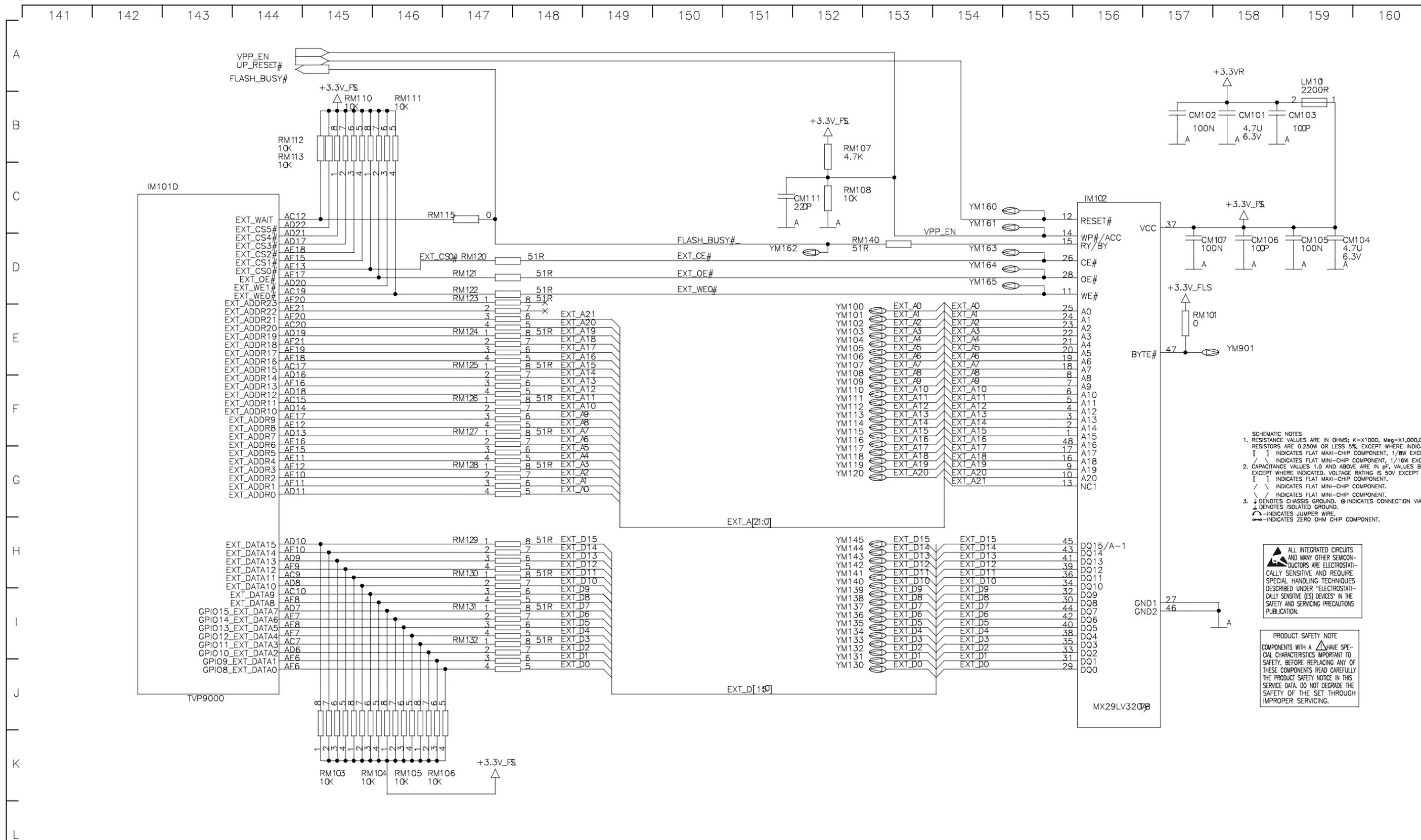
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T_ADDR0	8	1	DDR_ADDR0
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T_ADDR11	6	3	DDR_ADDR11
T_ADDR6	7	2	DDR_ADDR6
T_ADDR3	8	1	DDR_ADDR3

T_ADDR10	5	4	DDR_ADDR10
T_ADDR12	6	3	DDR_ADDR12
T_ADDR7	7	2	DDR_ADDR7
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T_RAS#	3	2	D_RAS#

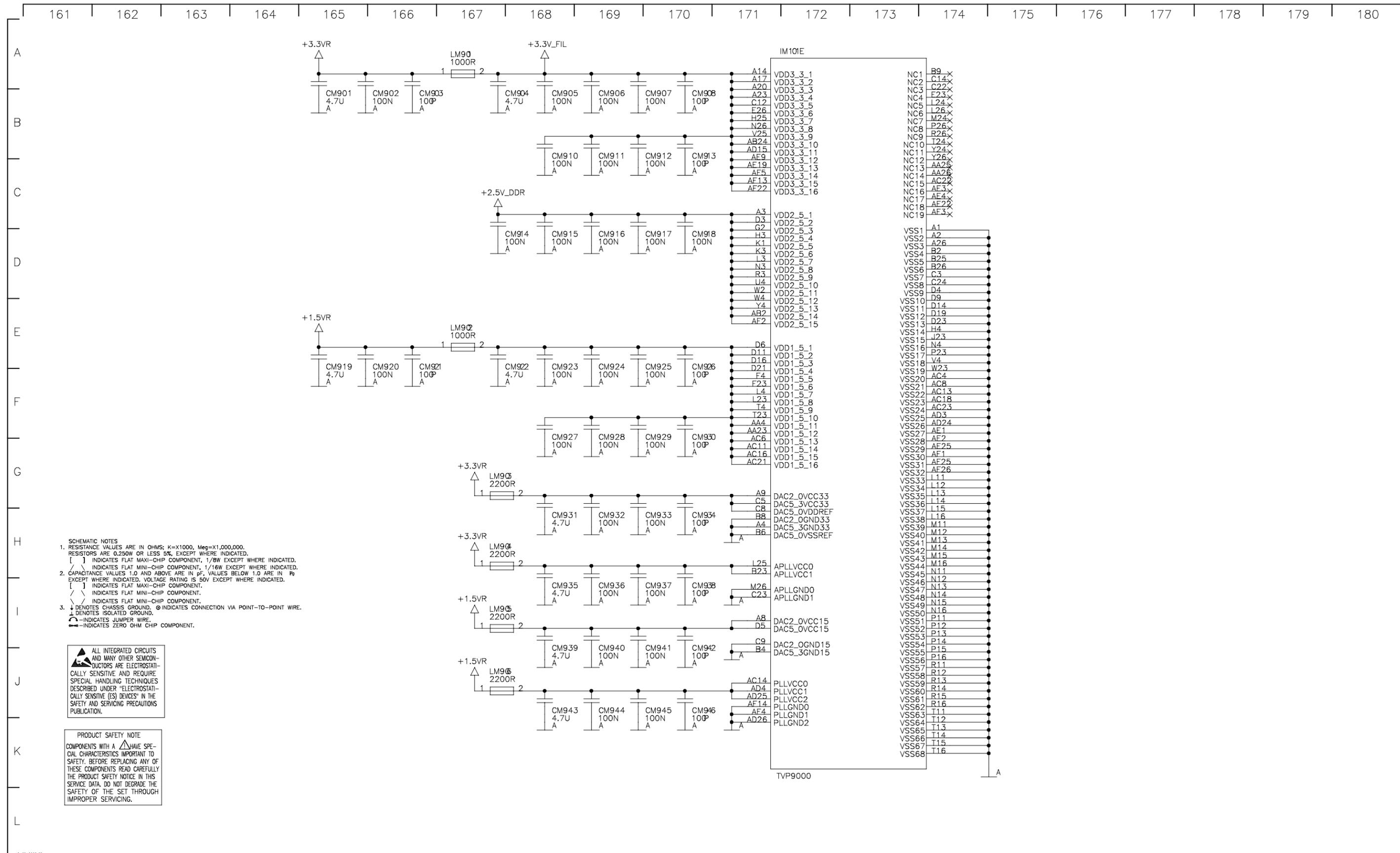
RM231	33R
RM224	33R
RM1	33R



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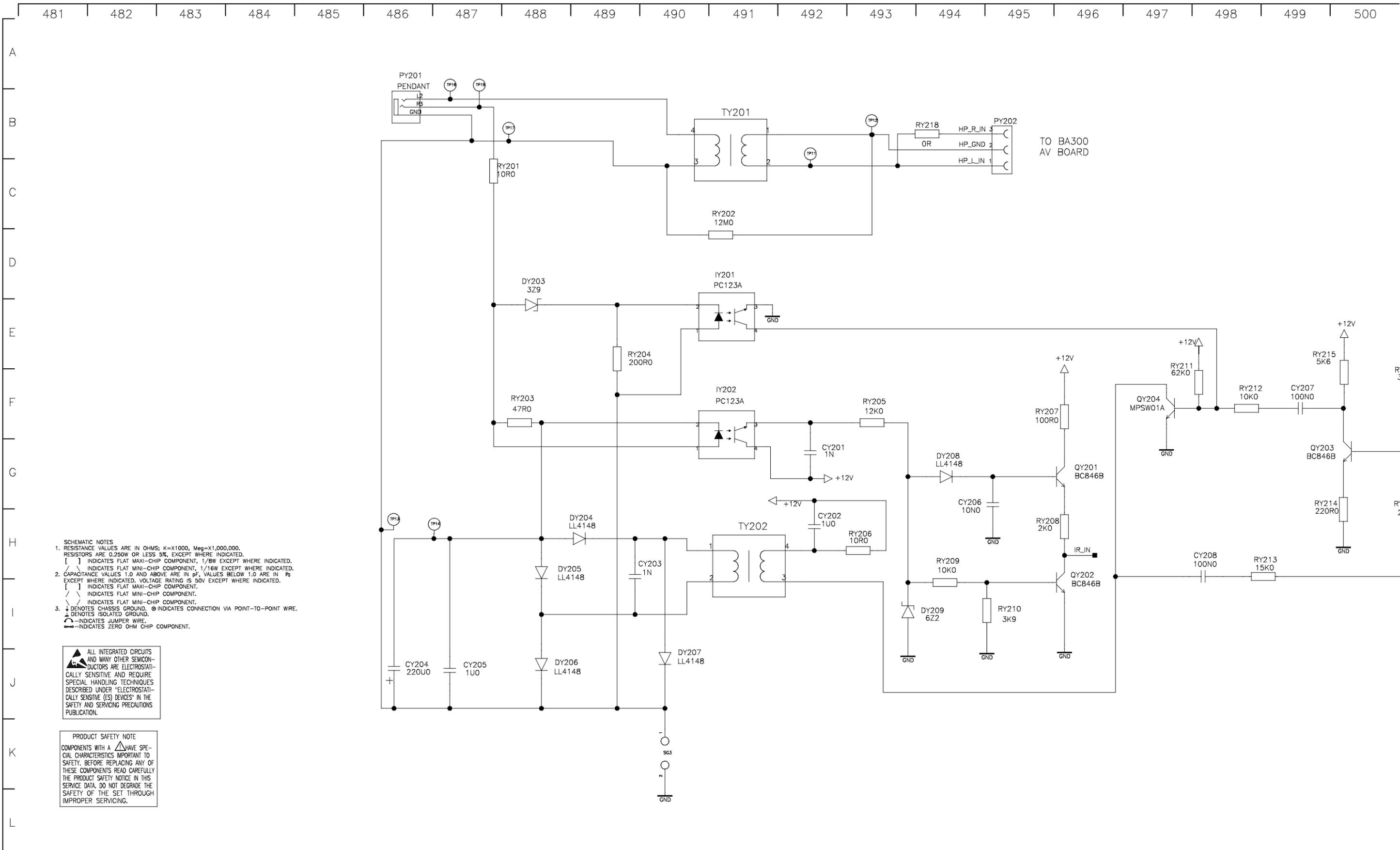
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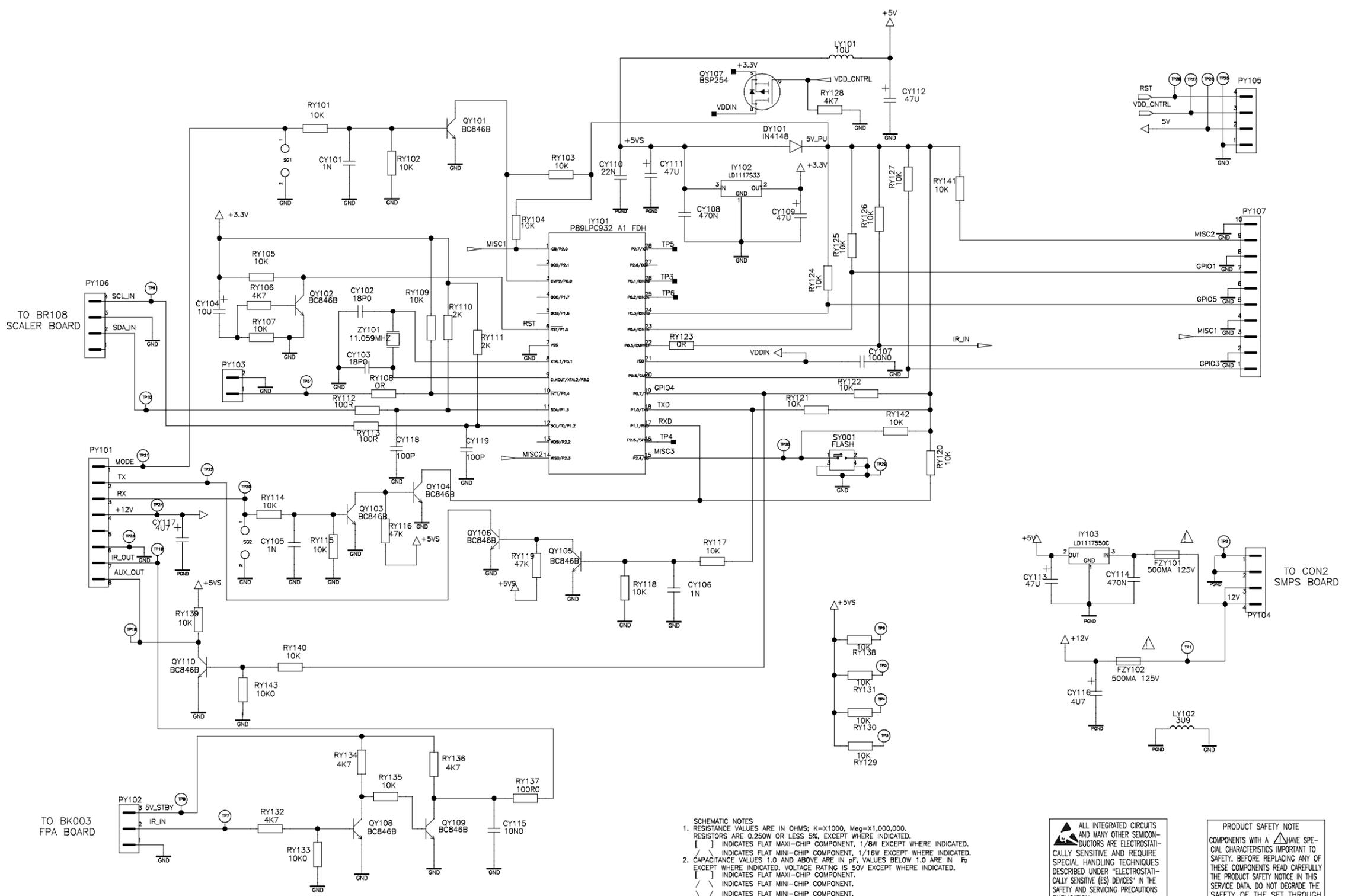
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TO BA300 AV BOARD

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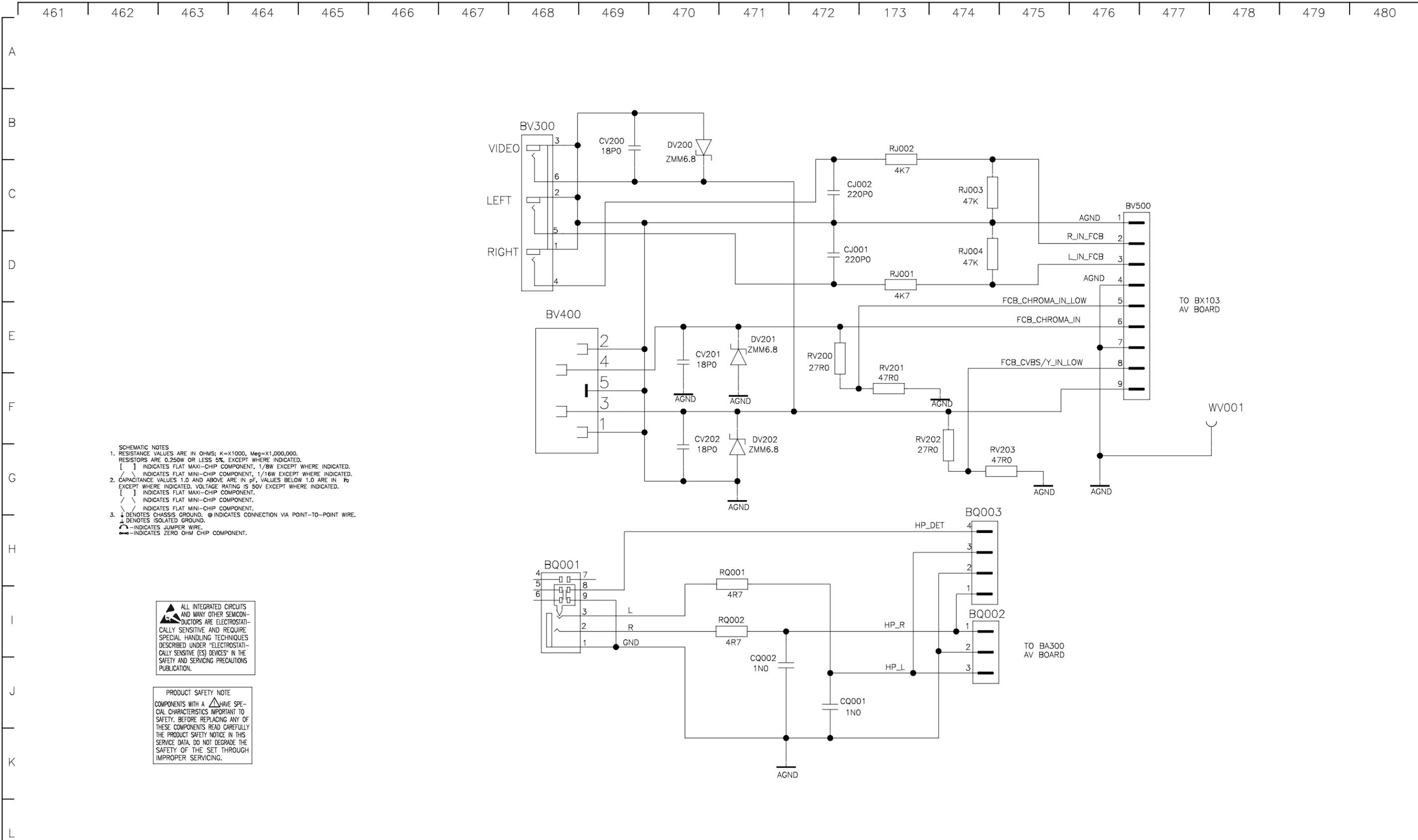
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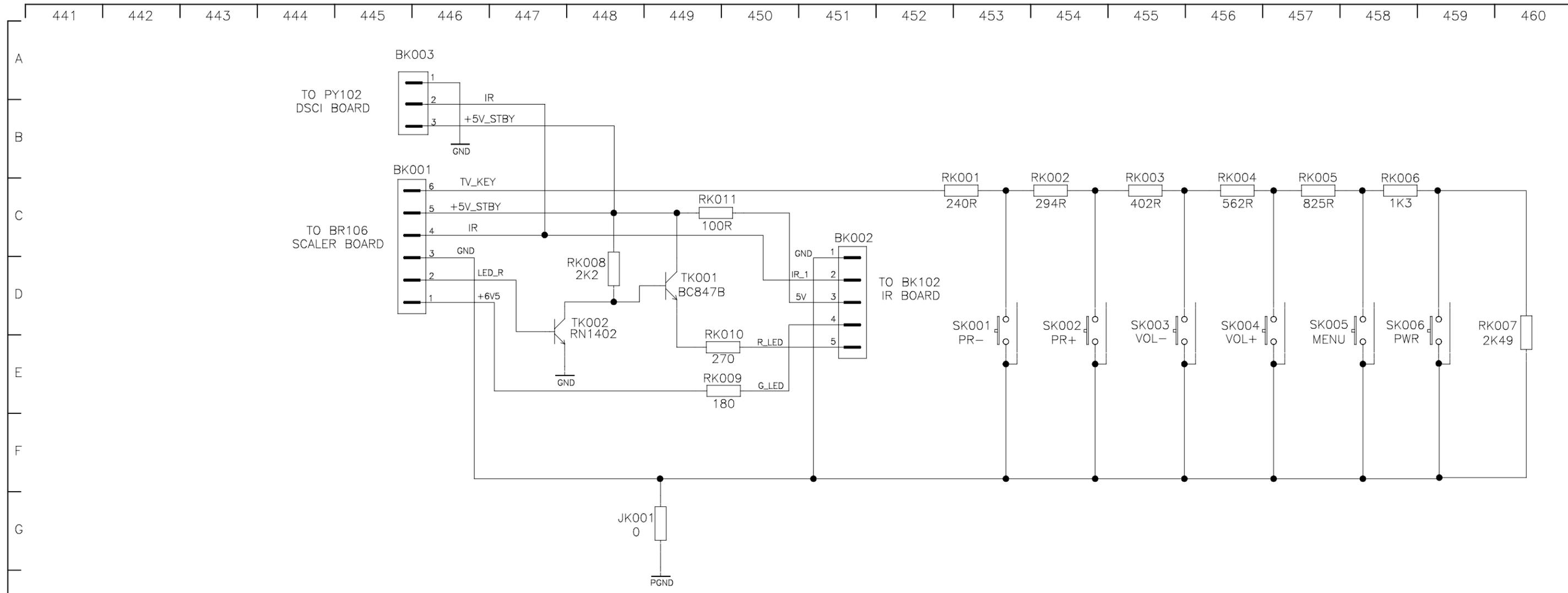
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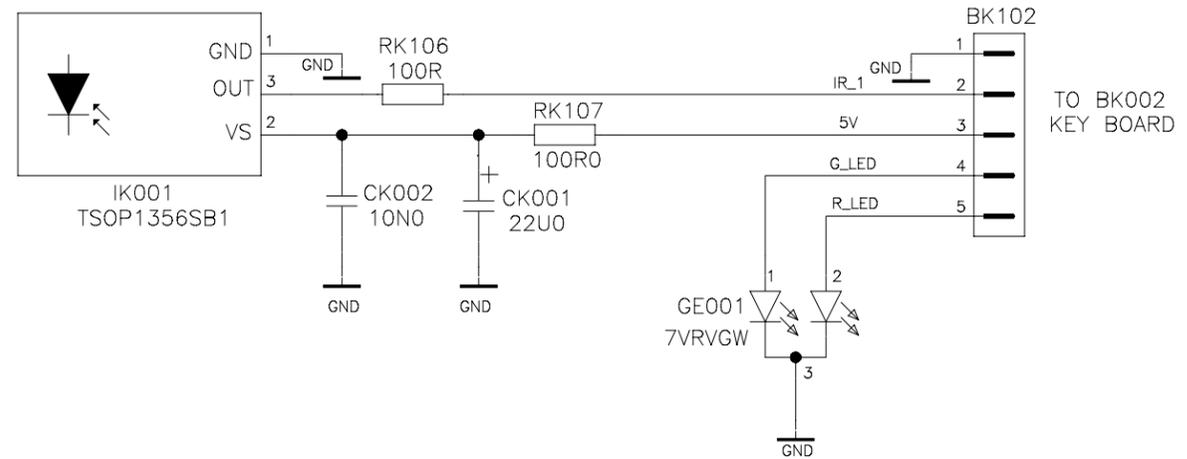
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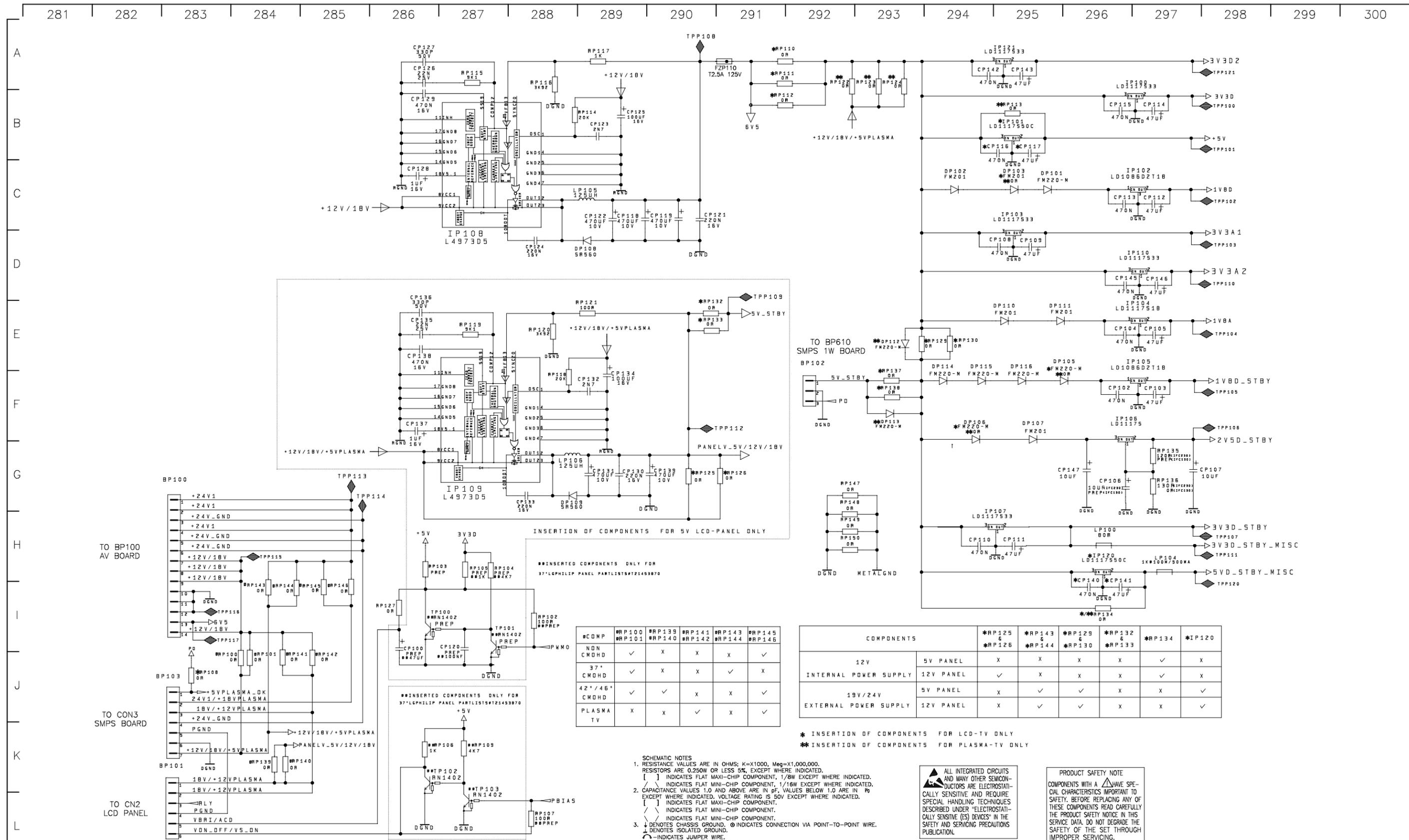


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COMPONENTS

COMP	RP100 OR RP101	RP139 OR RP140	RP141 OR RP142	RP143 OR RP144	RP145 OR RP146
NON CMOHD	✓	X	X	X	✓
37" CMOHD	✓	X	X	✓	X
42"/46" CMOHD	✓	✓	X	X	✓
PLASMA TV	X	X	✓	X	✓

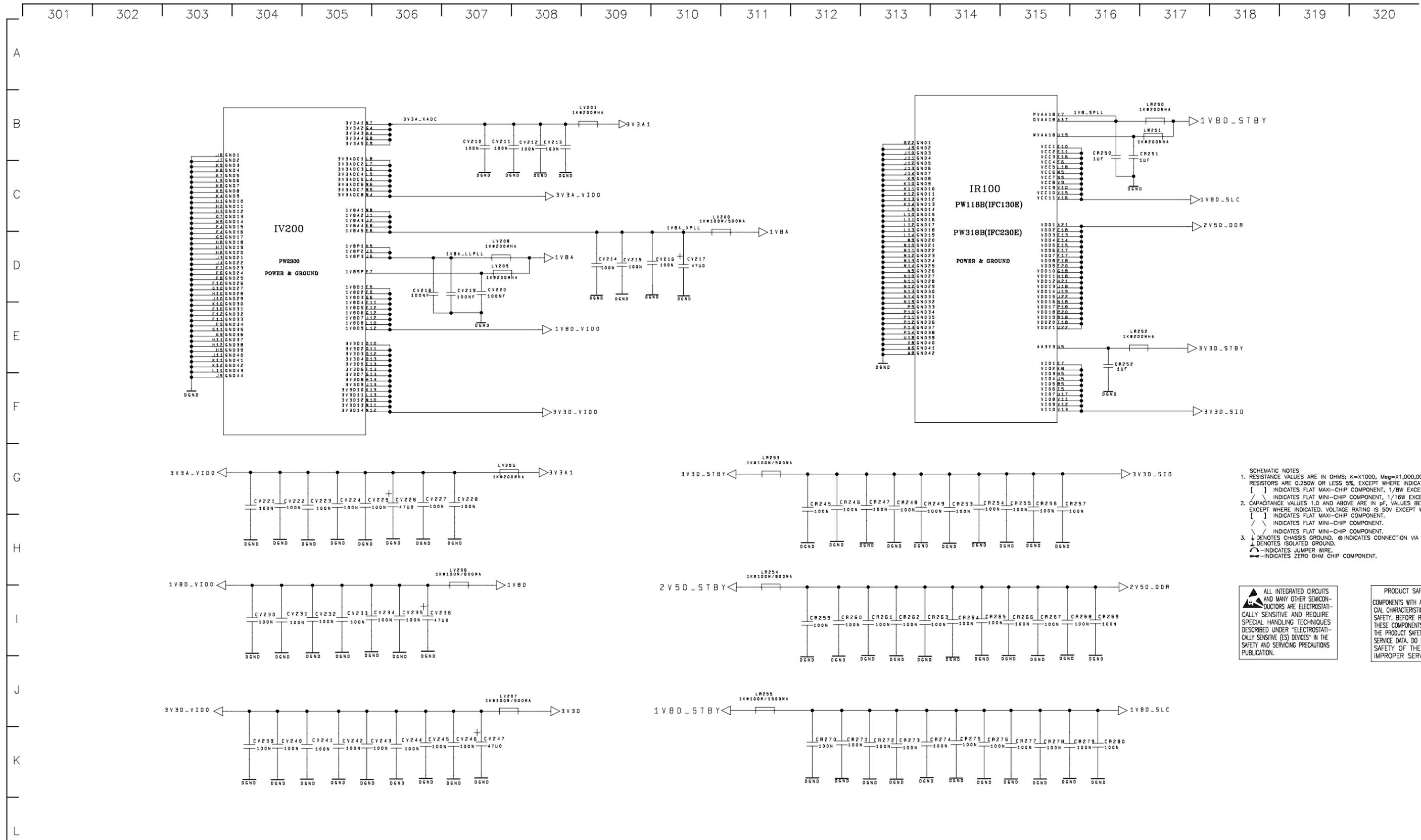
COMPONENTS

COMPONENTS		*RP125 & *RP126	*RP143 & *RP144	*RP129 & *RP130	*RP132 & *RP133	*RP134	*IP120
		INTERNAL POWER SUPPLY	5V PANEL	X	X	X	X
EXTERNAL POWER SUPPLY	12V PANEL	✓	X	X	X	✓	X
	5V PANEL	X	✓	✓	X	X	✓
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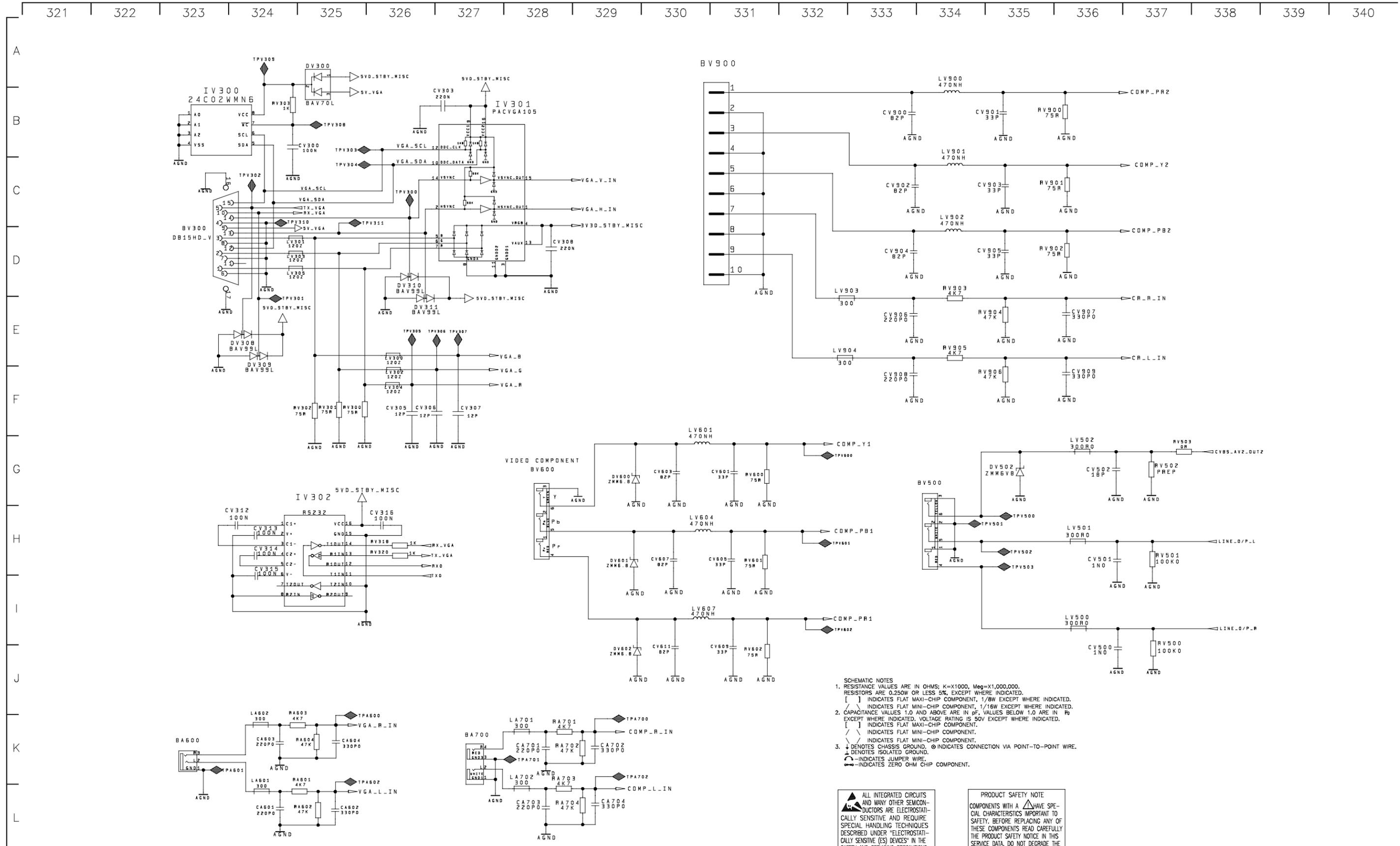
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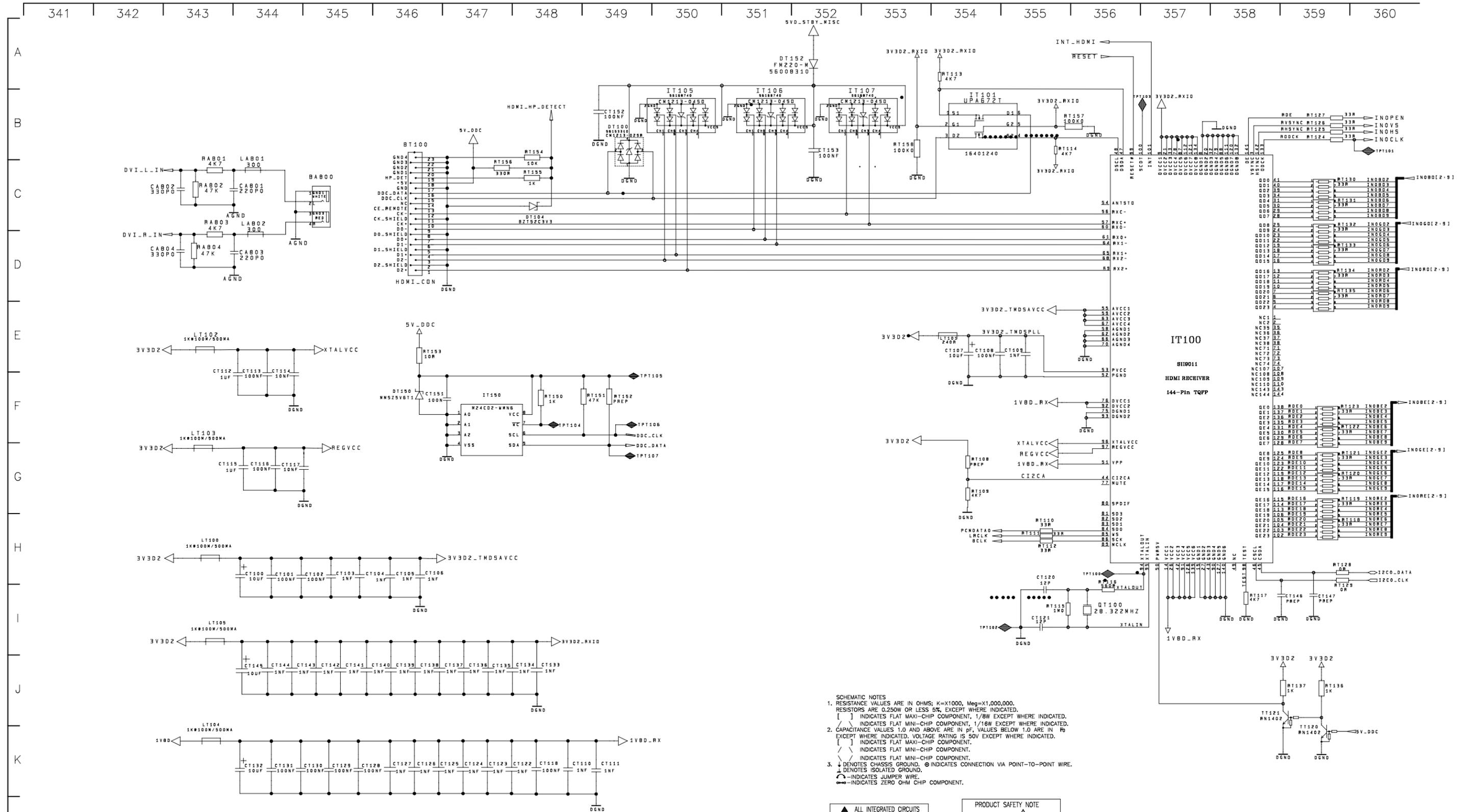
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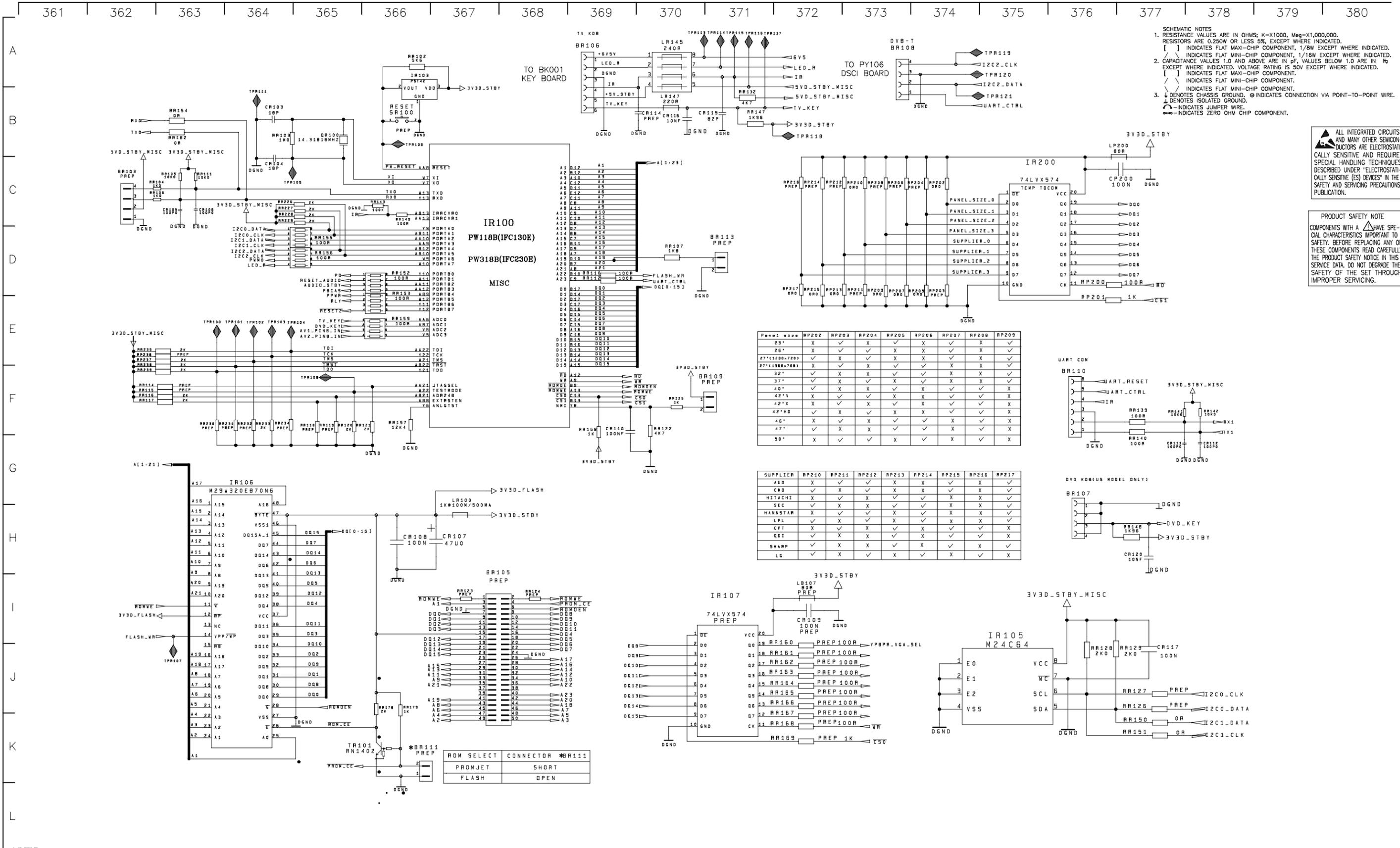


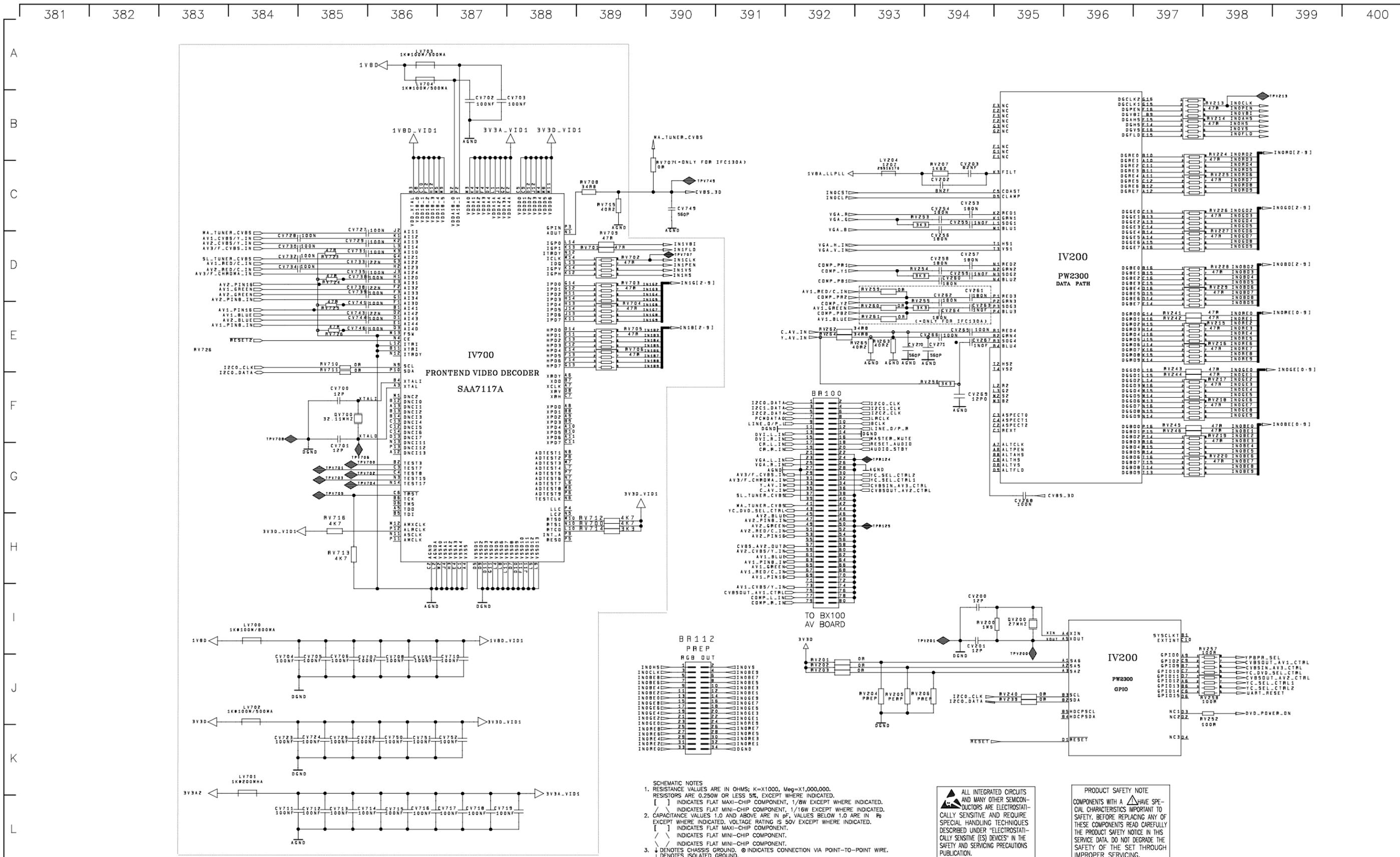
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PRODUCT SAFETY NOTE

ALL INTEGRATED CIRCUITS AND MANY OTHER SEMICONDUCTORS ARE ELECTROSTATICALLY SENSITIVE AND REQUIRE SPECIAL HANDLING TECHNIQUES DESCRIBED UNDER "ELECTROSTATICALLY SENSITIVE (ES) DEVICES" IN THE SAFETY AND SERVICING PRECAUTIONS PUBLICATION.

COMPONENTS WITH A ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. BEFORE REPLACING ANY OF THESE COMPONENTS READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THIS SERVICE DATA. DO NOT DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

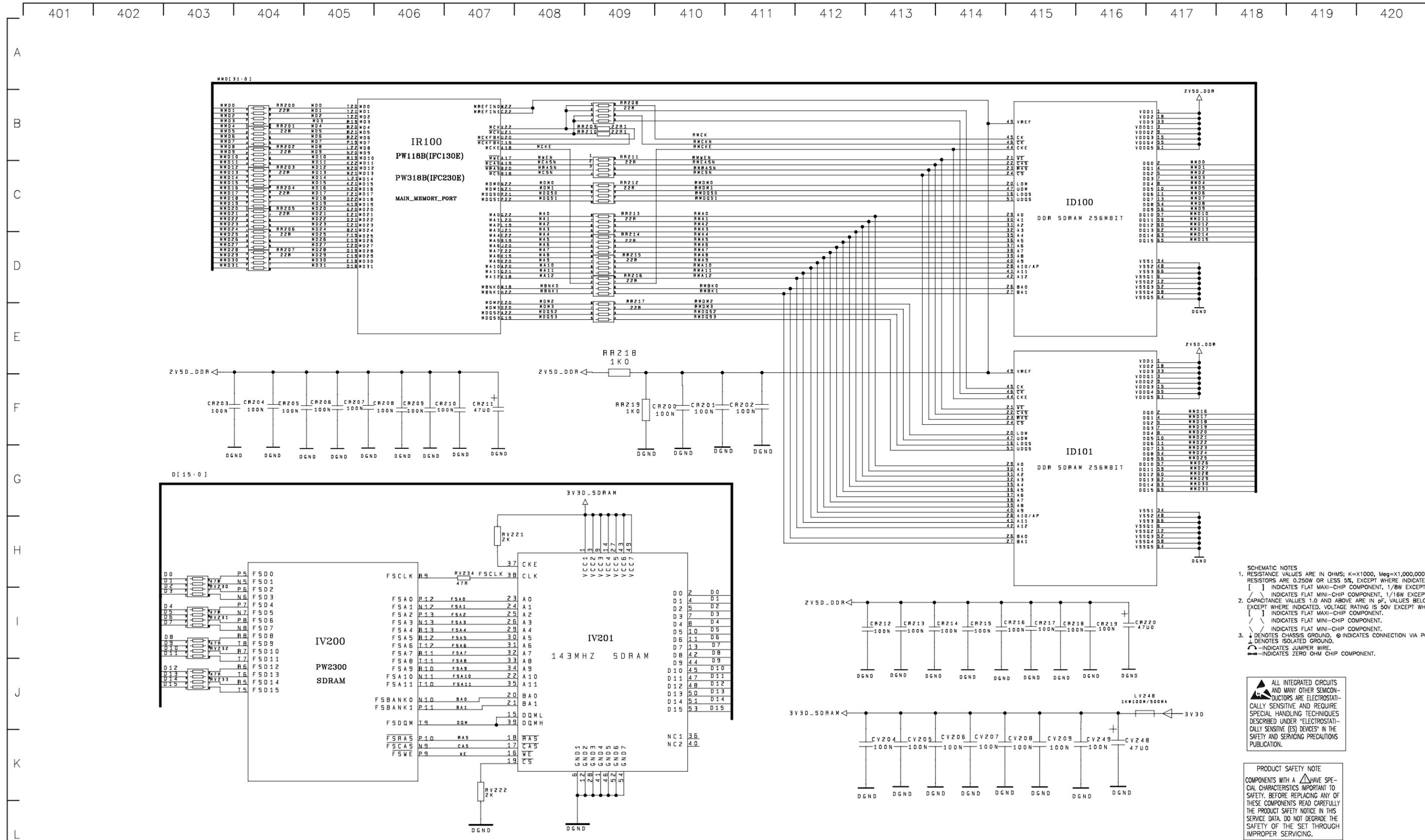




- SCHEMATIC NOTES**
- RESISTANCE VALUES ARE IN OHMS; K=X1000, Meg=X1,000,000. RESISTORS ARE 0.250W OR LESS 5%, EXCEPT WHERE INDICATED. [] INDICATES FLAT MAXI-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.
 - INDICATES FLAT MINI-CHIP COMPONENT, 1/16W EXCEPT WHERE INDICATED. CAPACITANCE VALUES 1.0 AND ABOVE ARE IN PF, VALUES BELOW 1.0 ARE IN Fp EXCEPT WHERE INDICATED. VOLTAGE RATING IS 50V EXCEPT WHERE INDICATED. [] INDICATES FLAT MAXI-CHIP COMPONENT. [] INDICATES FLAT MINI-CHIP COMPONENT.
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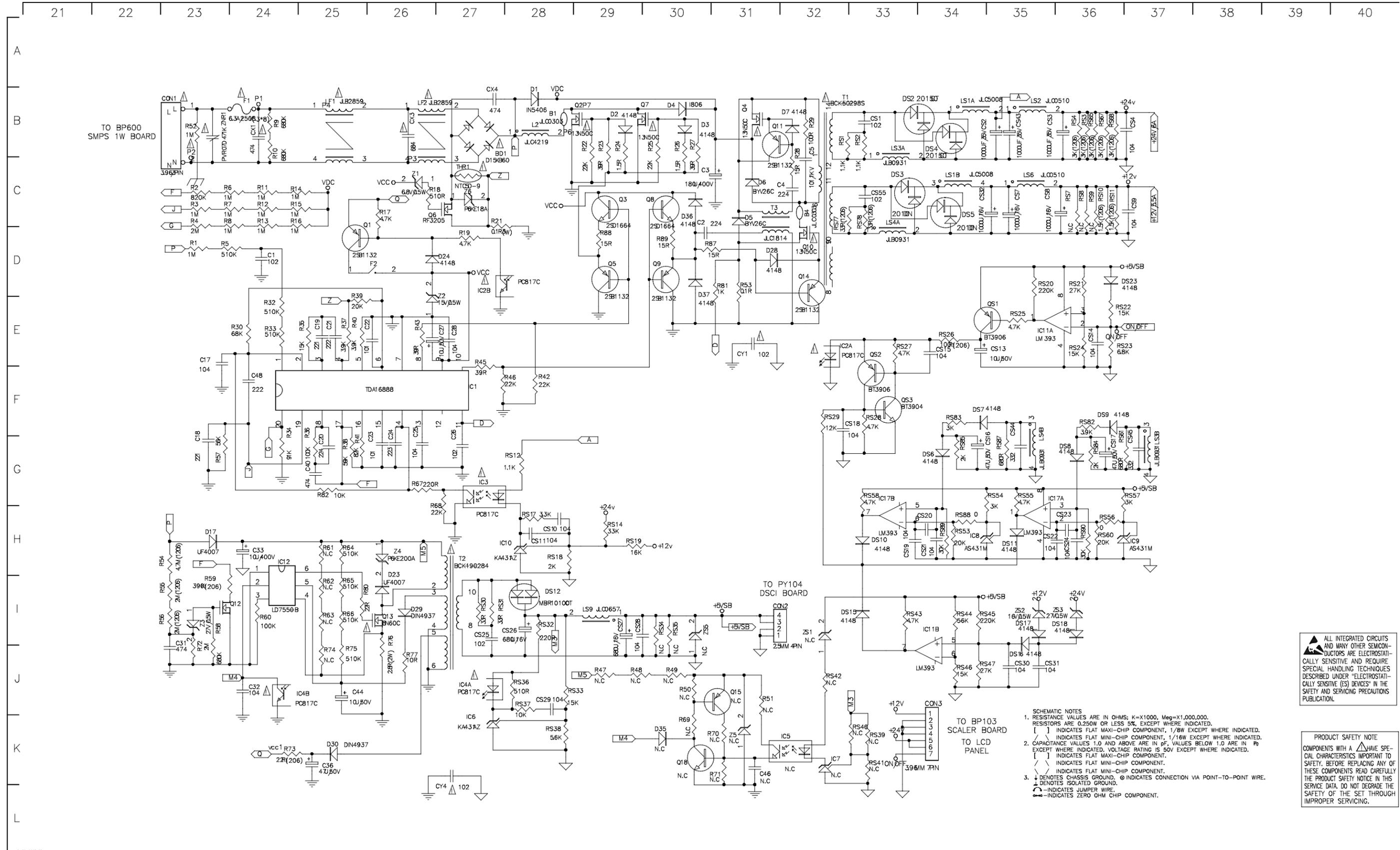
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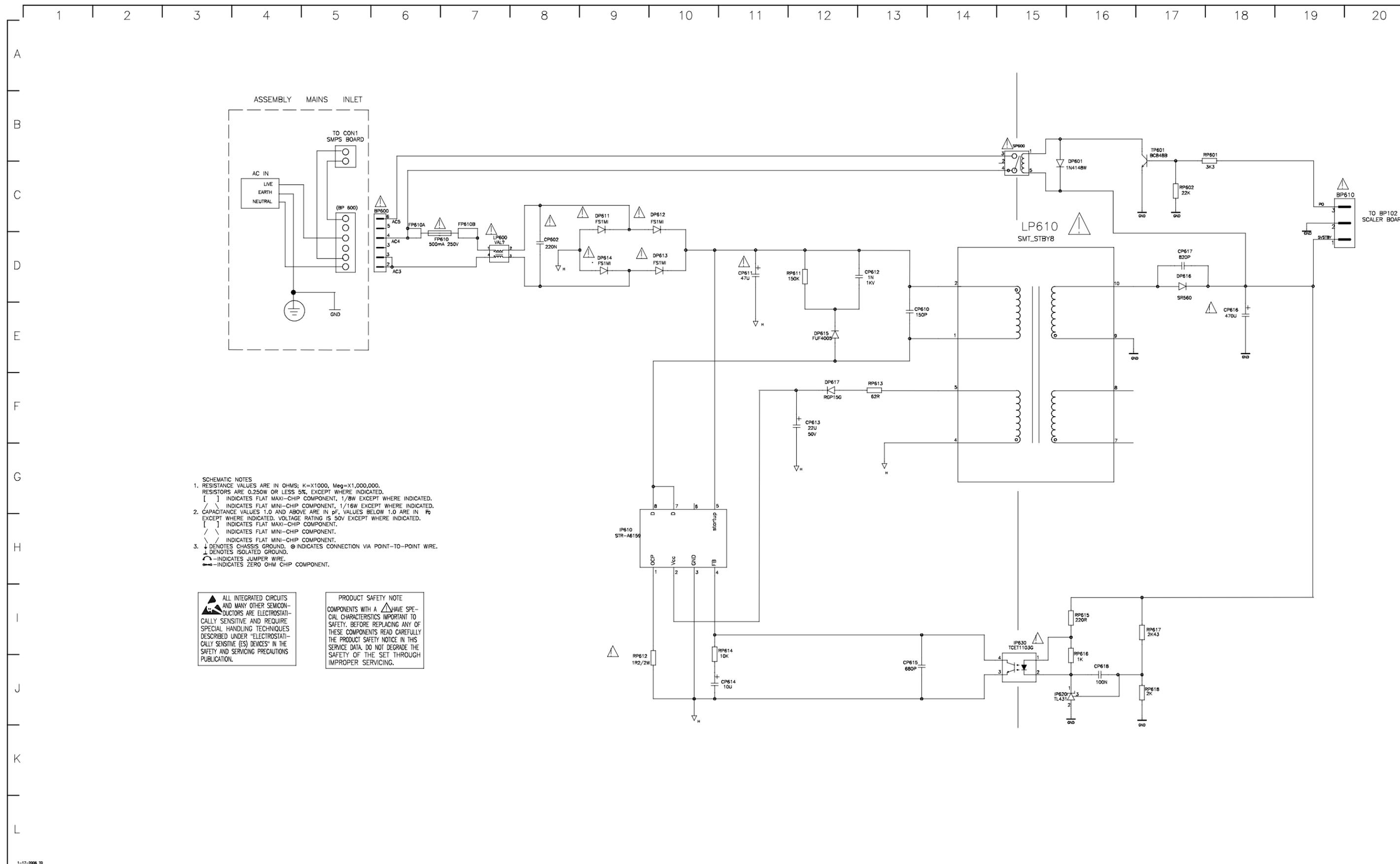
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 - [] INDICATES FLAT MINI-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.
 - / / INDICATES FLAT MINI-CHIP COMPONENT, 1/16W EXCEPT WHERE INDICATED.
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 - ⊕ DENOTES ISOLATED GROUND.
 - INDICATES JUMPER WIRE.
 - 0 INDICATES ZERO OHM CHIP COMPONENT.



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J26L637/J32L637

Alignments

Entering the Factory Service mode

Turn the instrument OFF. Then press the Vol - button on the remote and Vol - on the keypad simultaneously. Hold the buttons for approximately 10 seconds until the instrument turns ON. Using the remote if you want to select an item, press the Up (^) and Down (v) buttons. Adjust the setting value using the Left (<) and Right (>) key. Press the Clear button to return to the main menu after adjusting a value. Press the Clear button or select Go Back the menu to exit the Factory Service mode.

Video Menu

Cut Off/ White Point Alignments

The Cut Off alignment is used to define the color coordinates for low level luminance. The Whitepoint is used to define the color coordinates for bright luminance. This alignment must be completed for the following standards.

Input	Video Standard
RCA	NTSC
YPrPb	SDTV (480i)
	HDTV (720p)
	HDTV (1080i)
VGA	VESA (DMT 1060p)
	HD Video (720p)
HDMI	HDTV (720p)
FAV (CVBS)	SDTV (480i)

1. Enter the Factory Service mode.
2. Select VIDEO from the menu, then enter the Cut Off sub menu.
3. Insert a grey test pattern with a 15 Nits luminance level using one of the above standards.
4. Set Cutoff B to the center if its range.
5. Using a Color TV Analyzer measure the coordinates at the center of the screen. Adjust Cutoff R and Cutoff G for $x = 0.282 \pm 0.01$, $y = 0.293 \pm 0.01$
6. Insert a 50IRE grey test pattern.
7. Using a Color TV Analyzer measure the coordinates at the center of the screen. Adjust Whitepoint R and Whitepoint G for $x = 0.282 \pm 0.01$, $y = 0.293 \pm 0.01$.

NOTE: It may necessary to switch between the Cut Off and White Point Alignments in order to achieve the proper alignment.

8. Exit the Service Menu by press the Clear button on the remote.

Brightness Alignment

1. Enter the Factory Service mode.
2. Select VIDEO from the menu, then select Brightness.
3. Insert a plug test pattern thru RF with a 2% setup

background with a 0% and 4% bar.

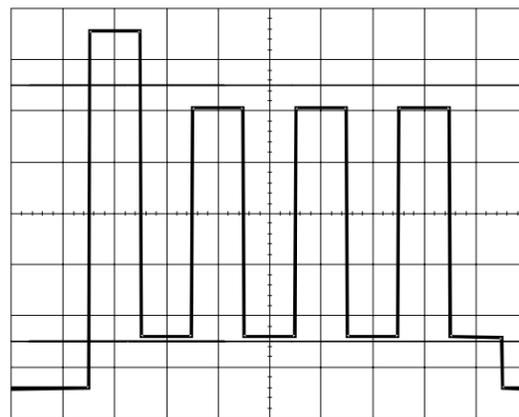
4. Adjust the Brightness so that the 0% bar is invisible with the 4% bar visible.
5. Exit the Factory Mode by pressing Clear on the remote.

Scaling Color Adjustment

The Scaling Color alignment must be completed to the following standards.

Input	Video Standard
RCA	NTSC
YPrPb	SDTV (480i)
	HDTV (720p)
	HDTV (1080i)
VGA	VESA (DMT 1060p)
	HD Video (720p)

1. Enter the Factory Service mode.
2. Select VIDEO from the menu, then select Scaling Color.
3. Input a 75% Color Bar Test pattern.
4. Measure the output of the LVDS receiver and adjust so the levels are equal. (See Pattern below)



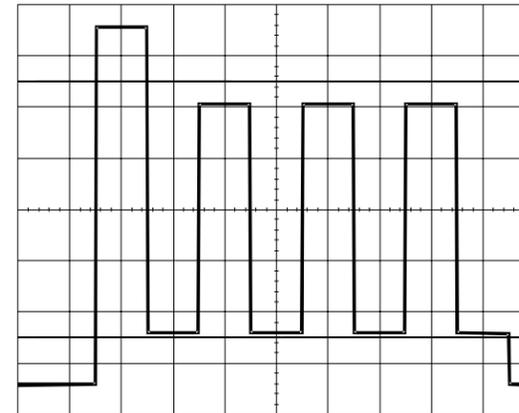
Scaling Tint Adjustment

The Scaling Tint alignment must be completed to the following standards.

Input	Video Standard
RCA	NTSC
YPrPb	SDTV (480i)
	HDTV (720p)
	HDTV (1080i)
VGA	VESA (DMT 1060p)
	HD Video (720p)

1. Enter the Factory Service mode.
2. Select VIDEO from the menu, then select Scaling Tint.

3. Input a Color Bar Test pattern.
4. Measure the output of the LVDS receiver and adjust so the levels are equal. (See Pattern below)



Peak White Adjustment

The Peak White alignment must be completed to the following standards.

Input	Video Standard
RCA	NTSC
YPrPb	SDTV (480i)
	HDTV (720p)
	HDTV (1080i)
VGA	VESA (DMT 1060p)
	HD Video (720p)
HDMI	HDTV (720p)
FAV (CVBS)	SDTV (480i)

1. Enter the Factory Service mode.
2. Select VIDEO from the menu, then select Peak White.
3. Input a test pattern with a 100% white centered pad on a dark background.
4. Using a Color TV Analyzer measure the luminance level (Y[nit]) of the white pad. Adjust with the Scaling Contrast the Light Output Level (PW Level) for 400 Nits + 20%/- 15%.

Text Contrast/Preset For Vid Adjustment

The Text Contrast and Preset for Vid are preset at the factory. No alignment is necessary.

Audio/W218 1st Page/W218 2nd Page/SAA7117AE/

PW2300 Menus

These menus are preset at the factory. No alignment is necessary.

Defective Pixel Specification

A pixel is defined as three elements or dots, one red, one blue, and one green. Thus one bright pixel is three bright adjacent dots. No bright pixels are allowed but 3 bright dots are allowed subject to the following:

The bright dots must be viewable on normal program material (not static test patterns) when viewed at a distance of five feet from a point perpendicular to the center of the screen at eye level. The panel is considered defective if the pixels are viewable and they are within 1/4" of another bright dot.

Also, no more than eight dark dots, and no dark pixels will be accepted when viewed under the same conditions.

**J26L637/J32L637
DISASSEMBLY PROCEDURES**

Back Cover Removal

1. Remove AC power from the instrument.
2. Lay the instrument on a flat surface. Care should be taken to not damage the front of the unit.
3. Remove doors covering the jack assemblies.
4. Remove Base Assembly. Remove 8 Phillips head screws (4 on each side).
5. Remove 12 Phillips head screws securing the cabinet back to the instrument.



NOTE: The placement of the screws may vary depending on the cabinet size and style.

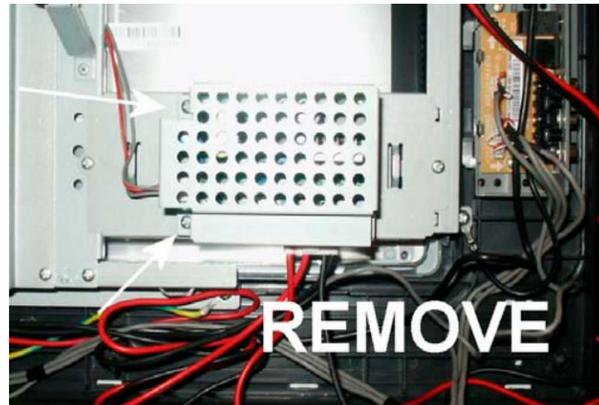
6. Carefully remove the back cabinet from the instrument.
7. The Base Assembly can now be placed back on the instrument to allow for easier servicing.



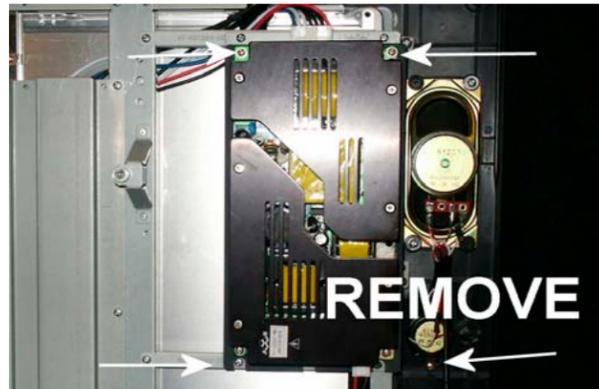
Circuit Board Removal

1. Remove Back Cover from the instrument (See Back Cover Removal). Remove AC Power from the instrument before replacing any circuit board

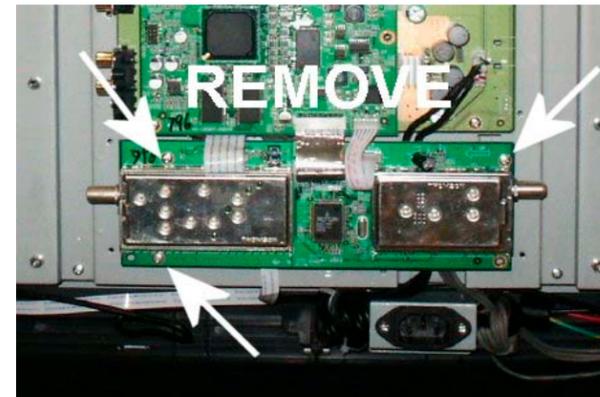
2. To replace the 1 Watt SMPS board, first remove 2 Phillips head screws securing the shield covering the circuit board. Then replace the board from 2 standoffs.



3. The Main SMPS can be removed 4 Phillips head screws.

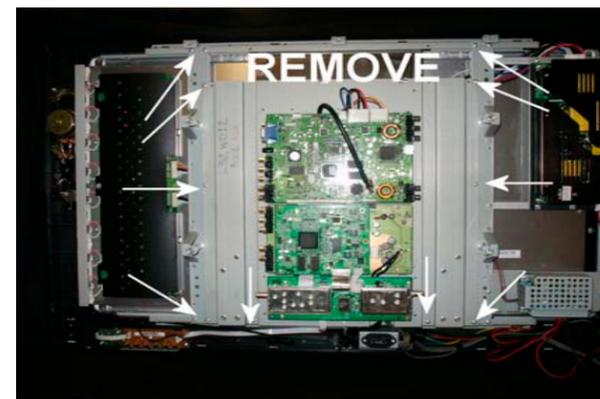


4. The FAV, FPA and IR boards can all be removed by removing 2 Phillips head screws on each board.
5. To replace the ADM1, QAM, AV or Scaler boards, first remove 4 Phillips head screws securing the shield assembly. Then remove the side rail by removing 2 Phillips head screws. The appropriate board may now be removed by removing the Phillips head screws securing the board to the instrument.



Panel Removal

1. Remove Back Cover from the instrument (See Back Cover Removal). Remove AC Power from the instrument before replacing panel.
2. Remove 8 Phillips head screws securing the chassis frame.



3. Carefully disconnect the cable to the panel assembly

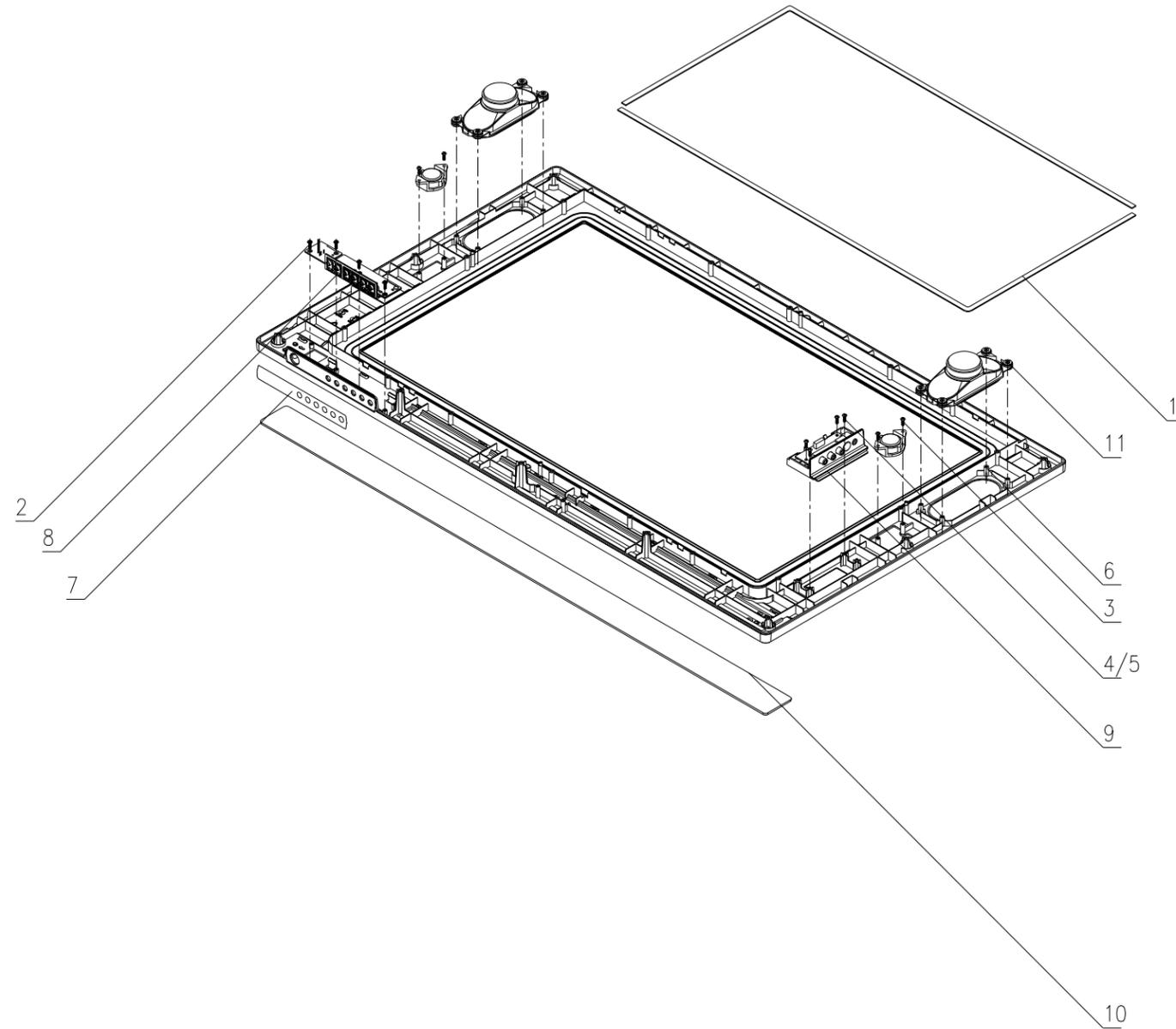
from the other circuit boards and remove the chassis frame for the instrument.

4. Remove 16 Phillips head screws securing the panel assembly to the front cabinet assembly. Carefully remove the panel from the instrument.



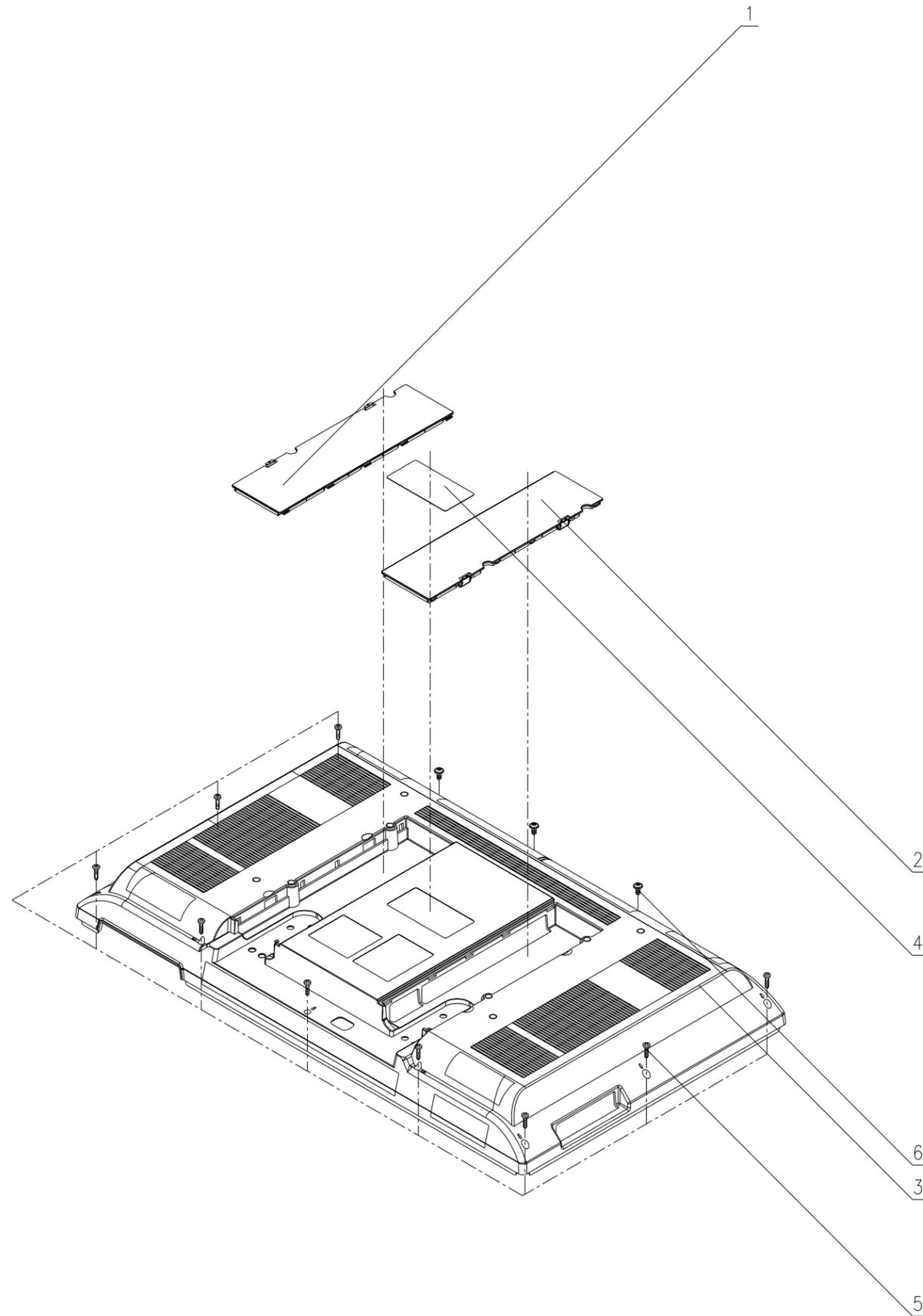
5. Replace the panel assembly. Care should be taken to not damage the replacement panel.
6. Reassemble is reverse order. Lead dress is critical to ensure proper operation. (See Critical Lead Dress).

Exploded View - Front Cabinet

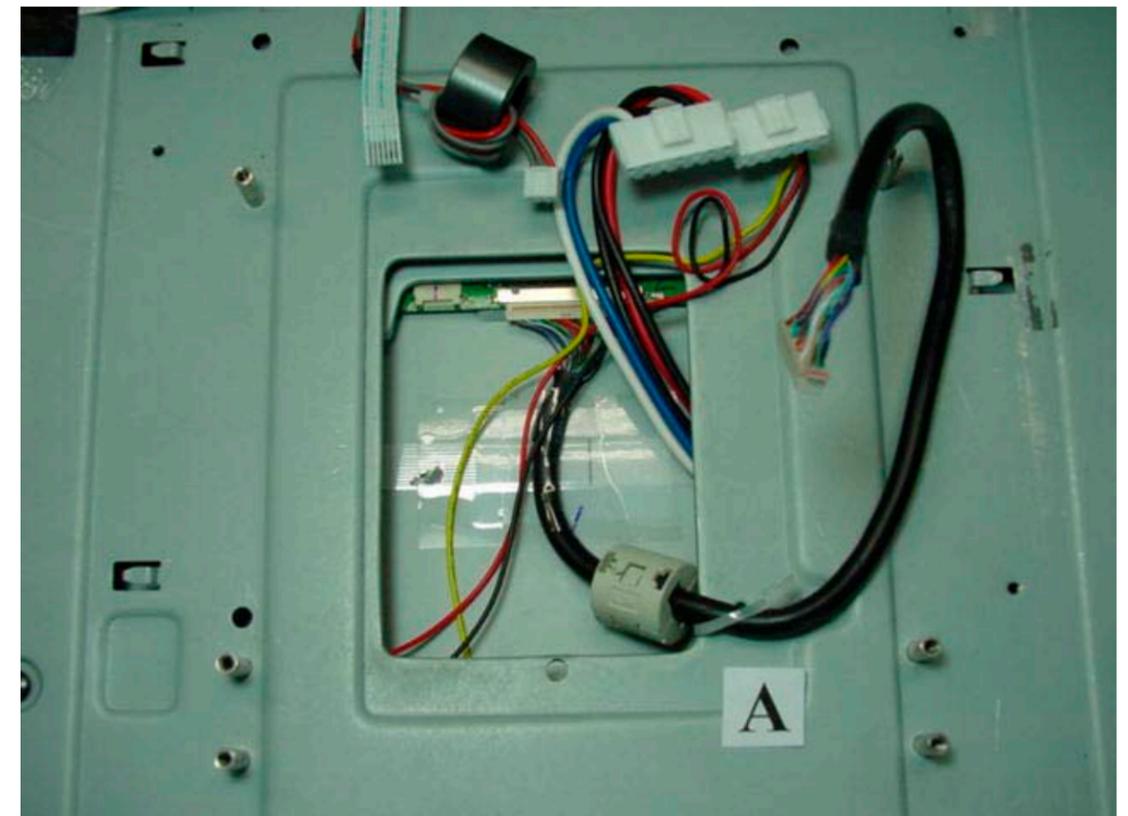
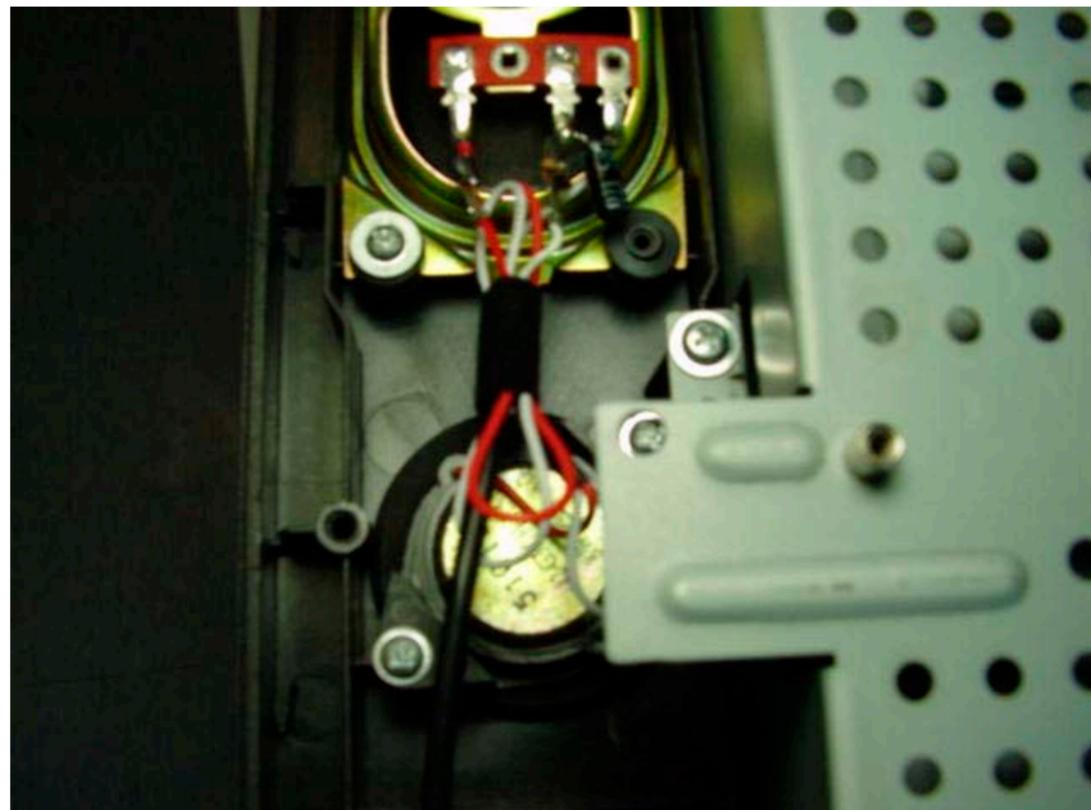
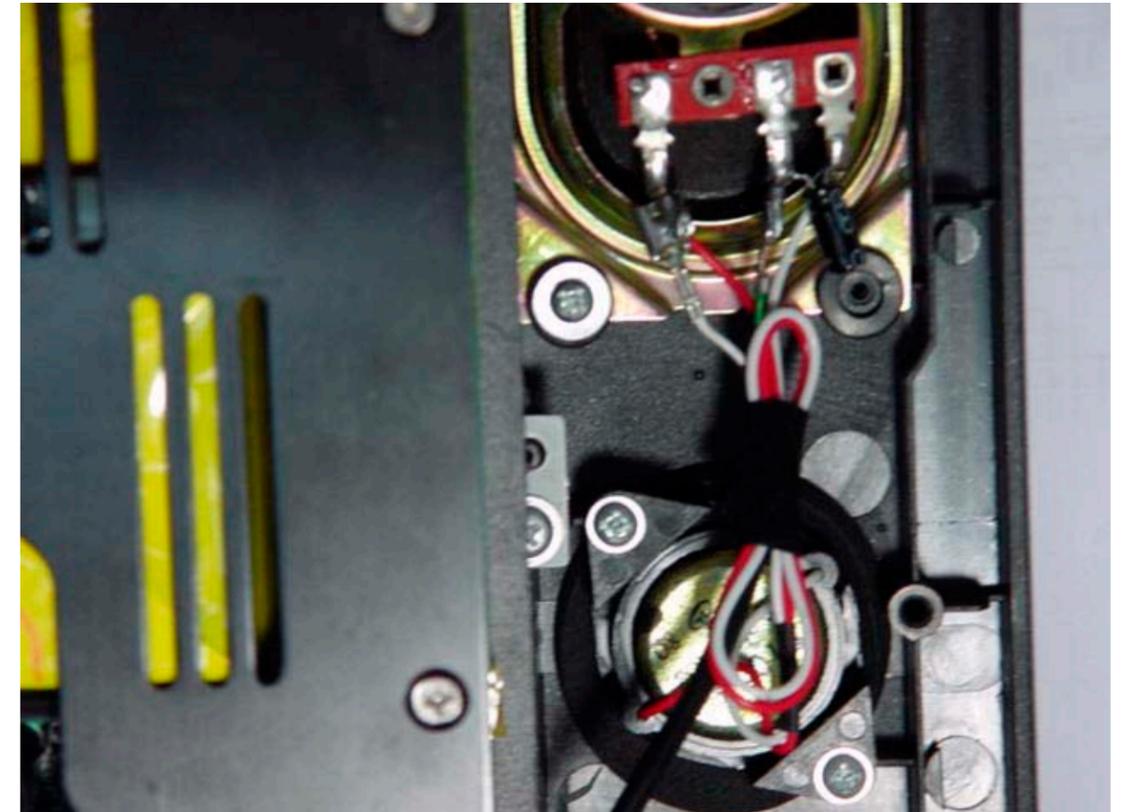
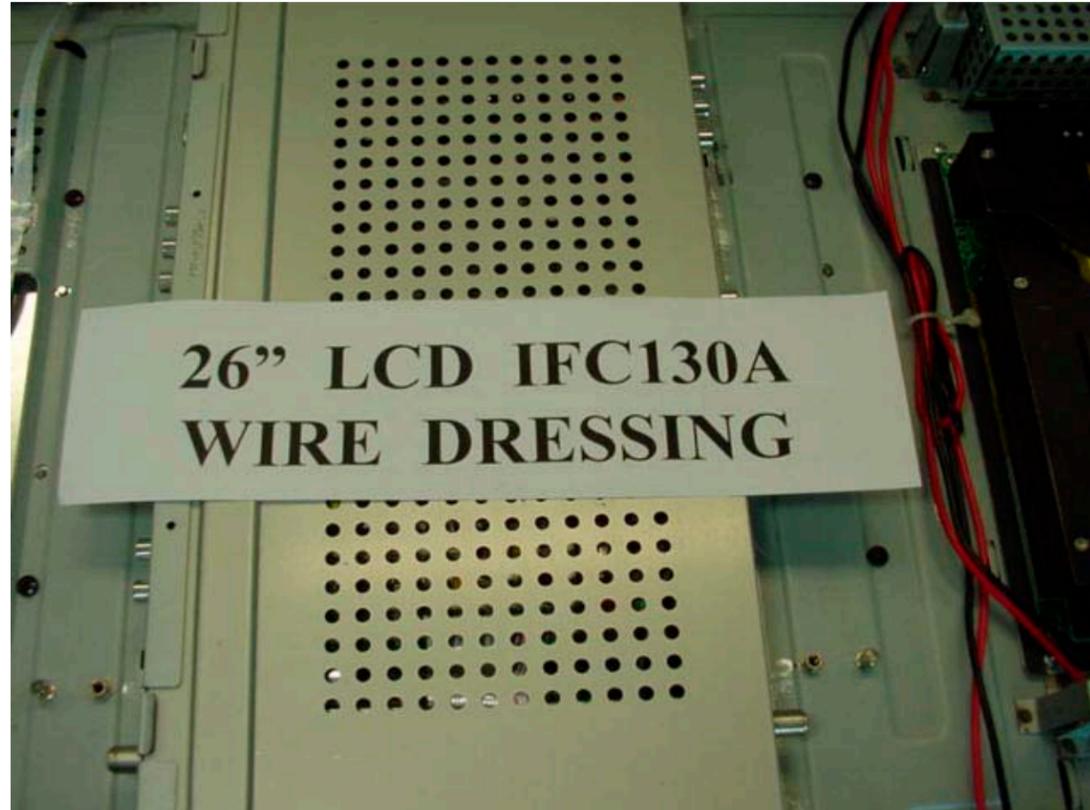


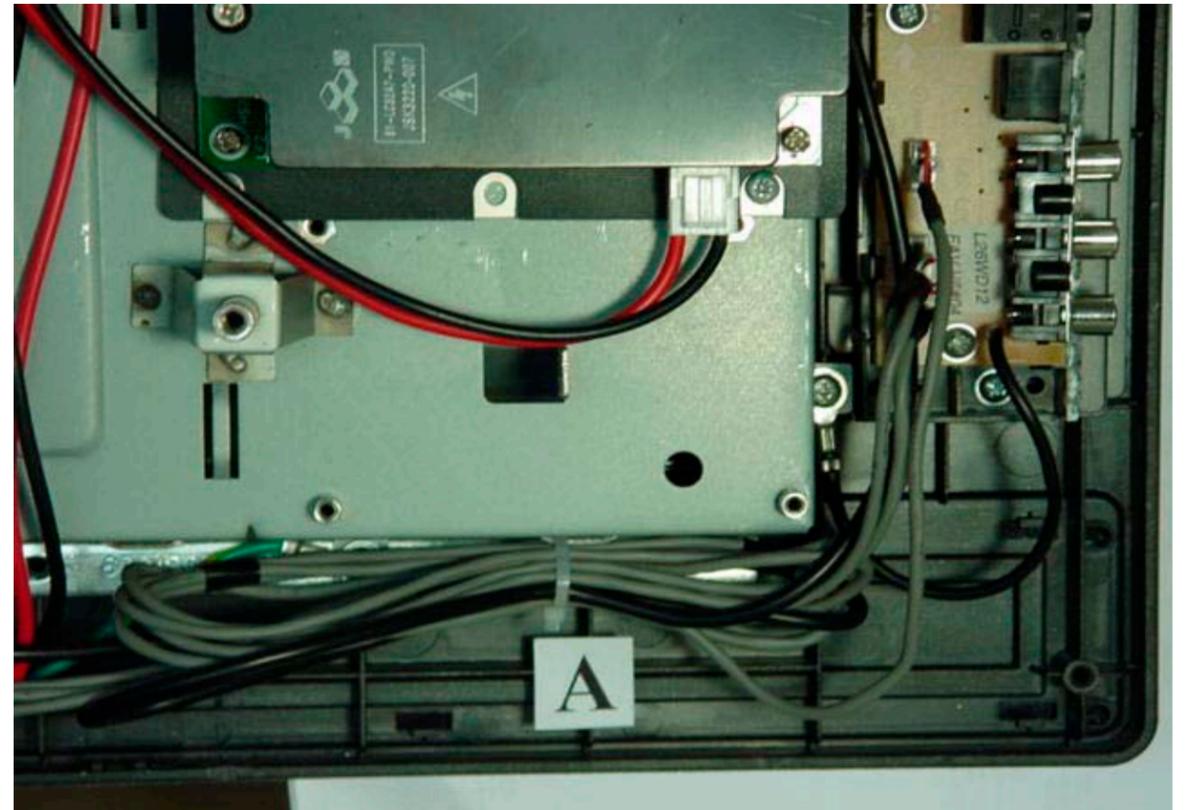
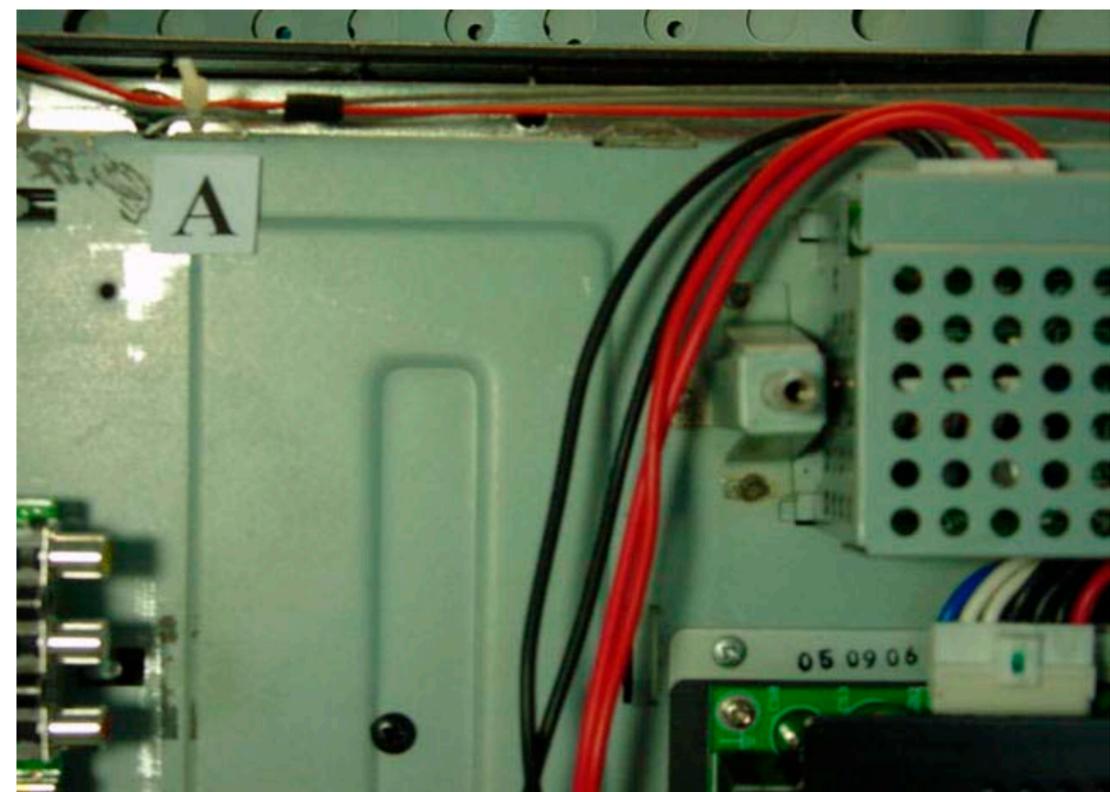
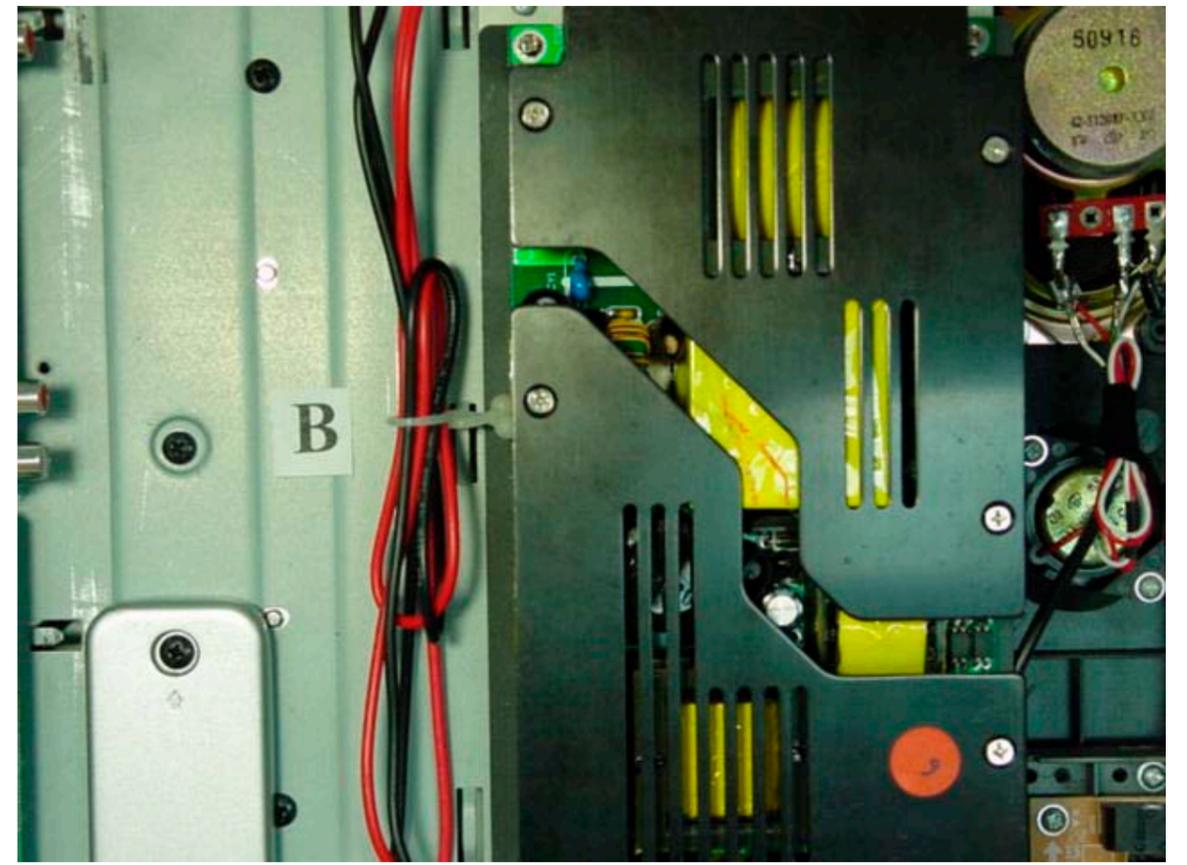
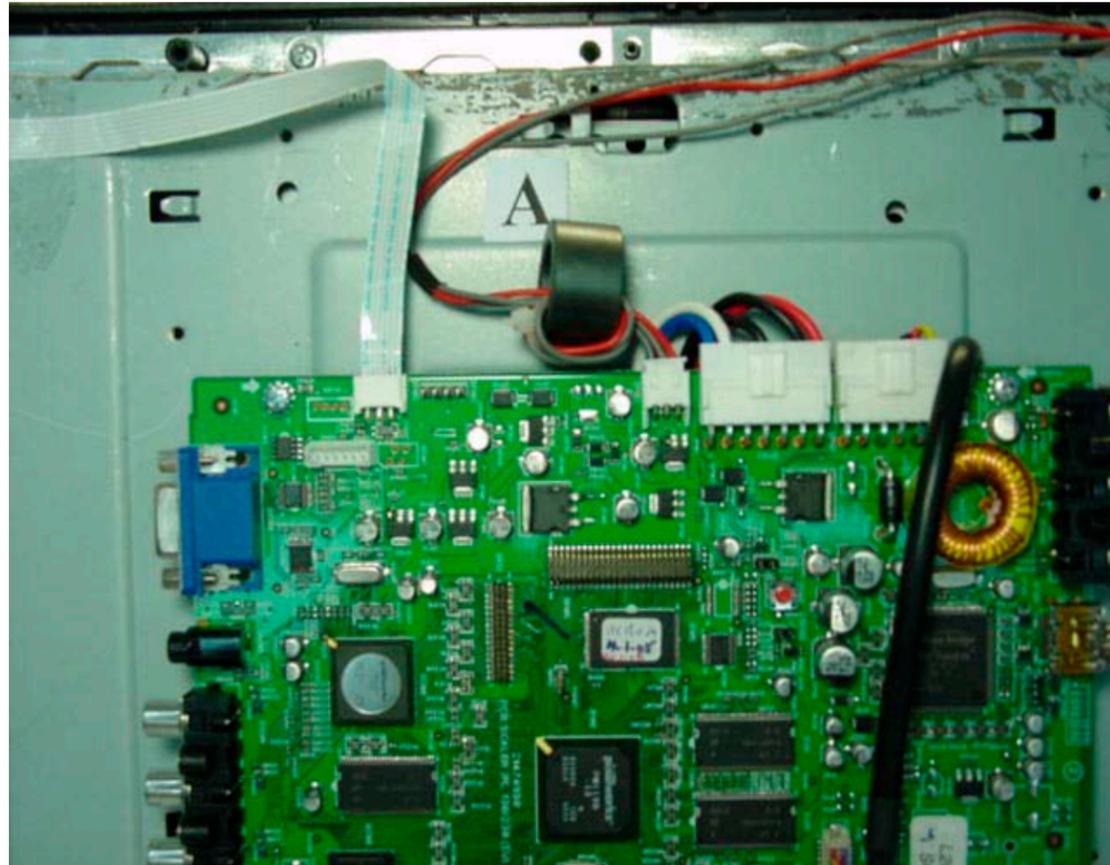
1	54-805890-0U0/1U0	海绵条	2/2	面壳+液晶屏
2	63-B30080-AB4	自攻螺钉B3X8AB	4	面壳+控制板
3	63-B30100-AB4	自攻螺钉B3X10AB	4	55-720250-0UA/42-G3508F-XX2
4	63-B30100-AB4	自攻螺钉B3X10AB	2	55-720250-0UA/62-718160-1HA
5	63-B30100-AB4	自攻螺钉B3X10AB	2	55-720250-0UA/62-718160-1HA
6	55-720250-0UN1E	前壳	1	
7	58-806020-0U11A	按钮贴片	1	
8	56-707240-0HA4V	PUSHBOTTON	1	
9	56-718160-1HA1A	后AV支架	1	
10	57-720290-0HC1E	透明条	1	
11	63-S30100-AB4	自攻螺钉S3X10AB	4	面壳/低音喇叭
12	25-DFB229-M1X	电解电容 2.2 UF 50V +/-20% BP	2	中高音喇叭+被动高音喇叭-板之间
13	42-51216D-XX2	扬声器	2	
14	42-G3508F-XX2	球顶高音扬声器 8 OHM 8W	2	-板接2.2UF,+板接中高音喇叭-板
15	67-L80656-0N81A	RCA LOGO	1	FOR 面壳

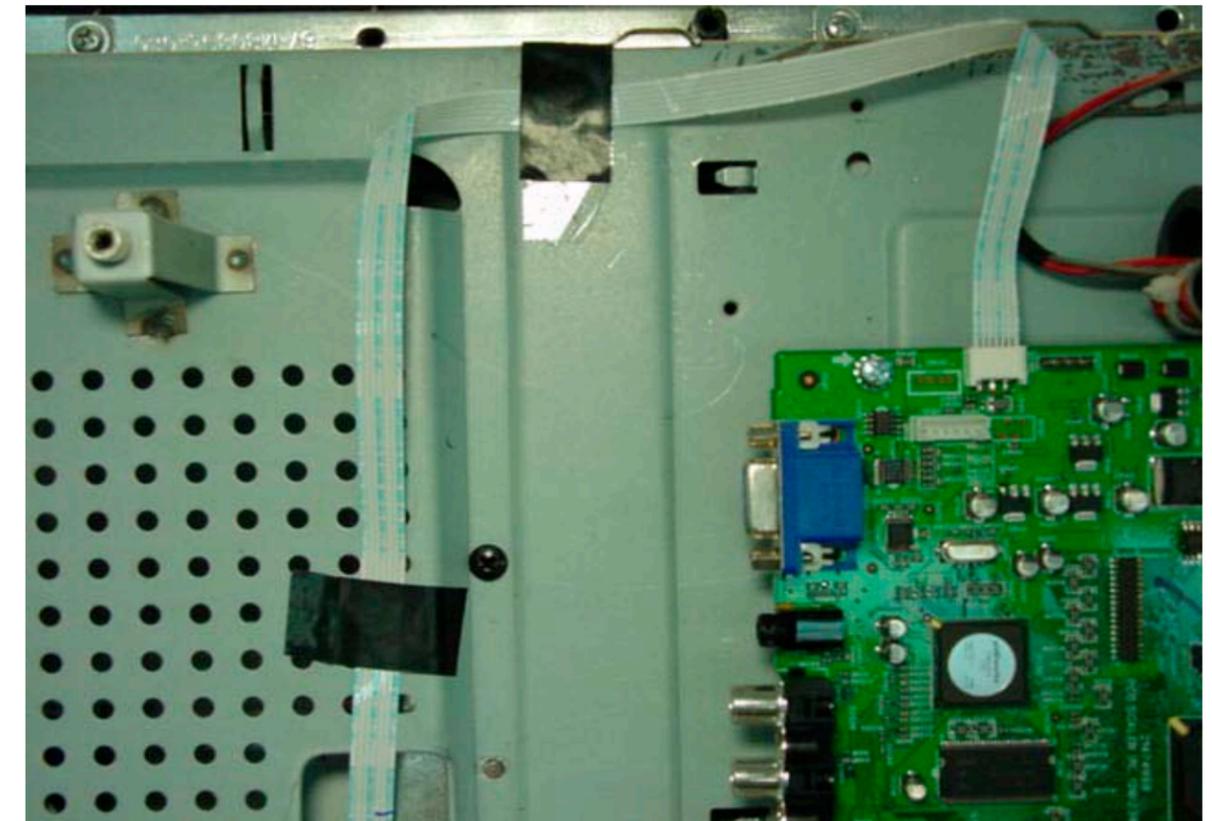
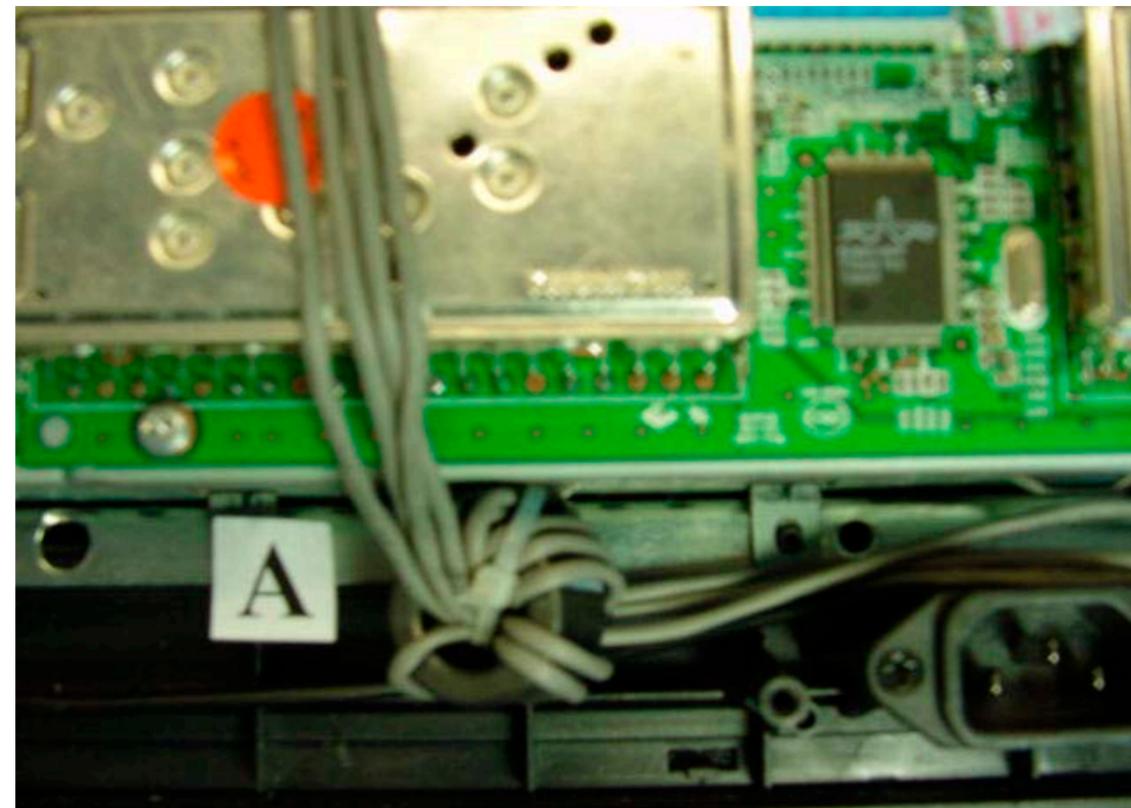
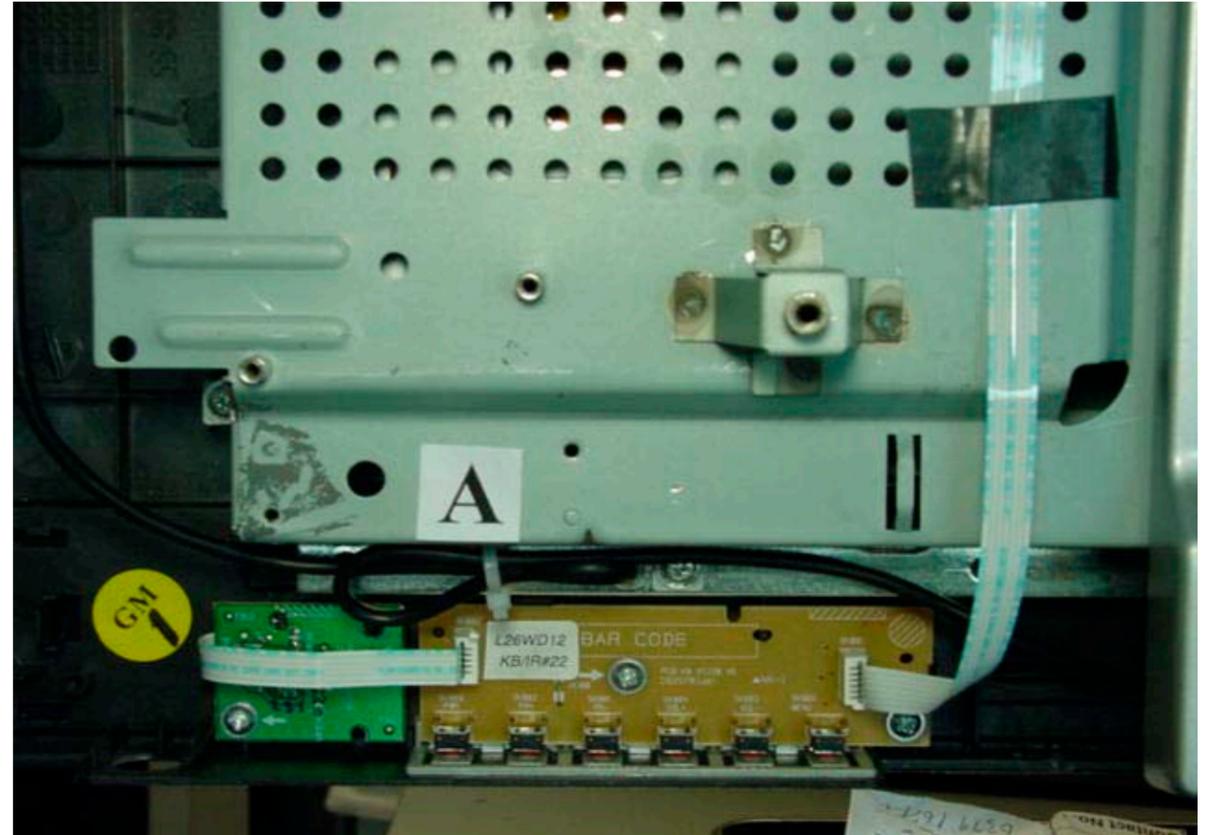
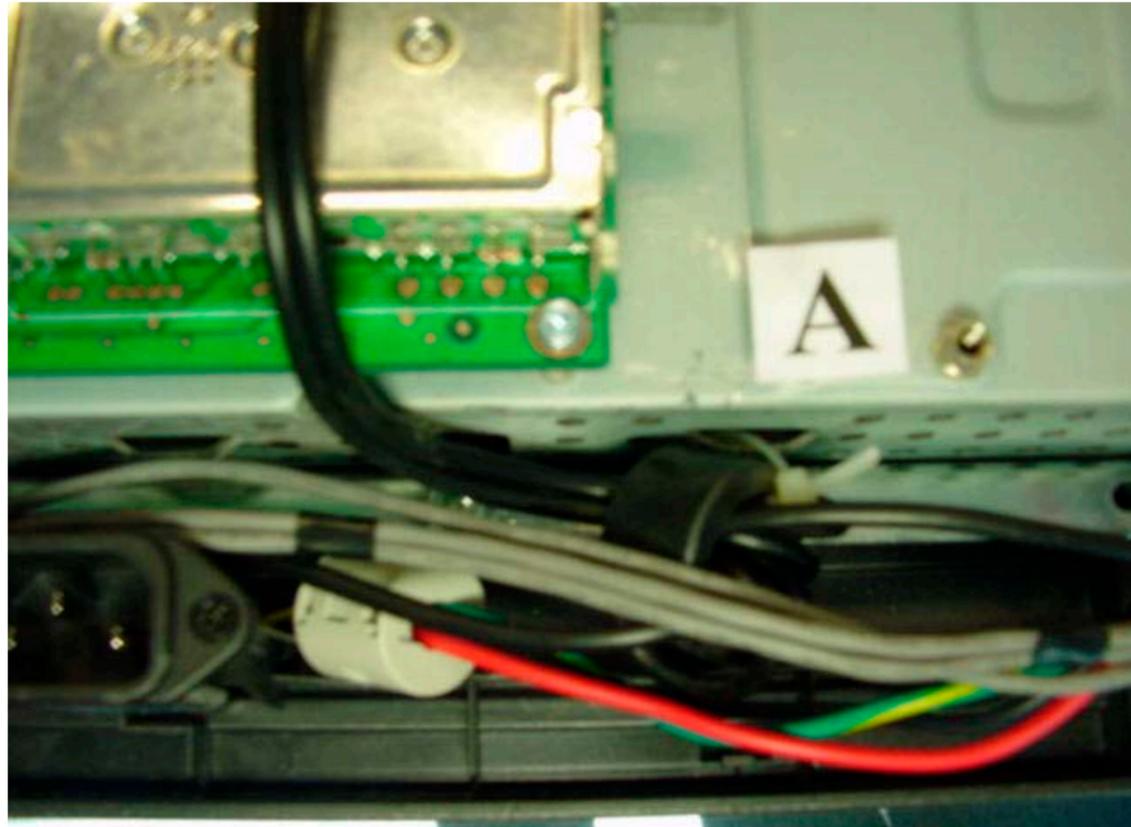
Exploded View - Rear Cabinet



1	55-814360-0HN1A	端子盖板	1	
2	55-814360-1HN1A	端子盖板	1	
3	55-814290-0UN1A	后壳	1	
4	58-L32WMP-0U11B	后警告胶片	1	
5	63-B40150-AB3	螺钉B4X1.5AB(BLACK)	9	面壳+控制板
6	64-B40080-103	机制螺钉M4X8	3	面壳+控制板









J26L637/J32L637
 VOLTAGE CHARTS
 ADM1 BOARD

BI101		BI102		J701	
PIN #	DC VOLTS	PIN #	DC VOLTS	PIN #	DC VOLTS
1	0.0	1	3.2	1	0.0
2	3.2	2	0.0	2	0.0
3	0.0	3	4.9	3	0.0
4	0.0	4	0.0	4	3.2
5	0.0	5	1.7	5	3.2
6	3.2	6	0.0	6	0.0
7	0.0			7	0.0
8	3.3			8	4.1
9	0.0			9	2.4
10	3.3			10	0.0
11	1.2			11	0.0
12	0.0			12	0.0
13	0.0			13	1.9
14	0.0			14	0.0
15	0.0			15	6.1
16	0.45				
17	0.0				
18	1.5				

AV BOARD

BA300		BH101		BP100		BS002		BX100									
PIN #	DC VOLTS																
1	0.0	1	0.0	1	23.9	1	11.9	1	3.2	26	0.0	51	0.0	76	0.0		
2	0.0	2	0.0	2	23.9	2	11.9	2	3.2	27	0.0	52	0.0	77	0.0		
3	0.0	3	0.0	3	0.0	3	0.0	3	2.6	28	0.0	53	0.0	78	0.0		
		4	3.2	4	23.9	4	0.0	4	2.7	29	0.0	54	0.0	79	0.0		
		5	3.2	5	0.0	5	11.9	5	3.2	30	3.2	55	0.0	80	0.0		
		6	0.0	6	0.0	6	11.9	6	3.2	31	0.0	56	0.0				
		7	0.0	7	11.8			7	0.0	32	0.0	57	1.1				
		8	4.1	8	11.8			8	0.0	33	0.0	58	0.0				
		9	2.4	9	11.8			9	0.0	34	0.0	59	0.0				
		10	0.0	10	0.0			10	0.0	35	0.0	60	0.0				
		11	0.0	11	0.0			11	0.0	36	0.0	61	0.0				
		12	0.0	12	0.0			12	0.0	37	0.0	62	0.0				
		13	1.9	13	6.2			13	0.0	38	0.0	63	0.0				
		14	0.0	14	11.8			14	0.0	39	0.0	64	0.0				
		15	6.1					15	0.0	40	0.0	65	0.0				
								16	0.0	41	0.37	66	0.0				
								17	0.0	42	0.0	67	0.0				
								18	3.2	43	0.0	68	0.0				
								19	0.0	44	0.0	69	0.0				
								20	3.2	45	0.0	70	0.0				
								21	0.0	46	0.0	71	0.0				
								22	0.0	47	0.06	72	0.0				
								23	0.0	48	0.0	73	0.0				
								24	0.0	49	0.0	74	0.0				
								25	0.0	50	0.0	75	0.0				

J26L637/J32L637
VOLTAGE CHARTS
AV BOARD (CONTINUED)

BX103		BX600		BX601	
PIN #	DC VOLTS	PIN #	DC VOLTS	PIN #	DC VOLTS
1	0.0	1	3.2	1	0.0
2	0.0	2	3.2	2	0.0
3	0.0	3	0.0	3	0.0
4	0.0	4	3.2	4	0.0
5	0.0	5	0.0	5	0.0
6	0.0	6	0.0	6	0.0
7	0.0	7	0.0	7	0.0
8	0.0	8	11.7	8	0.0
9	0.0	9	11.7	9	0.0
		10	0.0	10	0.0

DIGITAL & ANALOG QAM BOARD

BM101		BM404				BP101		BV101	
PIN #	DC VOLTS								
1	3.2	1	0.0	11	0.0	1	3.2	1	0.0
2	3.2	2	3.2	12	1.2	2	0.0	2	0.0
3	0.0	3	0.0	13	0.0	3	4.9	3	0.0
4	3.2	4	0.0	14	0.0	4	0.0	4	0.0
5	0.0	5	0.0	15	0.0	5	1.7	5	0.0
6	0.0	6	3.2	16	0.45	6	0.0	6	0.0
7	0.0	7	0.0	17	0.0			7	0.0
8	11.7	8	3.3	18	1.5			8	0.0
9	11.7	9	0.0					9	0.0
10	0.0	10	3.3					10	0.0

FRONT AV BOARD

BQ002		BV500	
PIN #	DC VOLTS	PIN #	DC VOLTS
1	0.0	1	0.0
2	0.0	2	0.0
3	0.0	3	0.0
		4	0.0
		5	0.0
		6	0.0
		7	0.0
		8	0.0
		9	0.0

DSCI BOARD

PY102		PY104		PY106		PY202	
PIN #	DC VOLTS						
1	0.0	1	0.0	1	3.2	1	0.0
2	3.3	2	NC	2	3.2	2	0.0
3	5.2	3	NC	3	0.0		
		4	12.2	4	3.2		

KEY BOARD

BK001		BK001 PIN 6		BK002 RUN		BK002 OFF		BK003	
PIN #	DC VOLTS	FUNCTION	DC VOLTS	PIN #	DC VOLTS	PIN #	DC VOLTS	PIN #	DC VOLTS
1	6.2	POWER	2.1	1	0.0	1	0.0	1	0.0
2	0.0	CH +	0.7	2	4.3	2	4.3	2	3.2
3	0.0	CH -	0.35	3	5.1	3	5.1	3	5.2
4	3.3	VOL +	1.4	4	2.2	4	0.0		
5	5.2	VOL -	1.1	5	0.59	5	1.8		
6	2.4	MENU	1.7						

IR BOARD

BK002 RUN		BK002 OFF	
PIN #	DC VOLTS	PIN #	DC VOLTS
1	0.0	1	0.0
2	3.3	2	3.0
3	5.1	3	5.1
4	6.2	4	0.0
5	2.0	5	0.0

J26L637/J32L637
 VOLTAGE CHARTS
 LCD PANEL

CN1		CN2		CN3			
PIN #	DC VOLTS						
1	23.9	1	23.9	1	0.0	26	0.0
2	23.9	2	23.9	2	1.2	27	0.01
3	23.9	3	23.9	3	1.1	28	0.04
4	23.9	4	23.9	4	1.2	29	5.1
5	23.9	5	0.03	5	1.1	30	5.1
6	0.0	6	0.0	6	1.1	31	5.1
7	0.0	7	0.0	7	1.2	32	5.1
8	0.0	8	0.0	8	0.0	33	5.1
9	0.0	9	3.2	9	0.0	34	5.1
10	0.0	10	2.7	10	1.1	35	0.0
		11	0.0	11	1.2	36	0.0
		12	3.2	12	1.2	37	0.0
				13	1.1	38	3.1
				14	0.0	39	0.0
				15	0.0	40	0.0
				16	0.04		
				17	0.01		
				18	0.04		
				19	0.01		
				20	0.04		
				21	0.01		
				22	0.0		
				23	0.0		
				24	0.04		
				25	0.01		

SCALER BOARD

BP100		BP101		BP102		BP103		BR100							
PIN #	DC VOLTS														
1	23.9	1	0.0	1	5.3	1	3.1	1	3.2	26	0.0	51	0.0	76	0.0
2	23.9	2	3.2	2	0.0	2	23.9	2	3.2	27	0.0	52	0.0	77	0.0
3	0.0	3	0.0	3	3.1	3	0.0	3	2.6	28	0.0	53	0.0	78	0.0
4	23.9	4	0.0			4	0.0	4	2.7	29	0.0	54	0.0	79	0.0
5	0.0	5	3.2			5	0.0	5	3.2	30	3.2	55	0.0	80	0.0
6	0.0	6	3.2			6	0.0	6	3.2	31	0.0	56	0.0		
7	11.8					7	11.9	7	0.0	32	0.0	57	1.1		
8	11.8							8	0.0	33	0.0	58	0.0		
9	11.8							9	0.0	34	0.0	59	0.0		
10	0.0							10	0.0	35	0.0	60	0.0		
11	0.0							11	0.0	36	0.0	61	0.0		
12	0.0							12	0.0	37	0.0	62	0.0		
13	6.2							13	0.0	38	0.0	63	0.0		
14	11.8							14	0.0	39	0.0	64	0.0		
								15	0.0	40	0.0	65	0.0		
								16	0.0	41	0.37	66	0.0		
								17	0.0	42	0.0	67	0.0		
								18	3.2	43	0.0	68	0.0		
								19	0.0	44	0.0	69	0.0		
								20	3.2	45	0.0	70	0.0		
								21	0.0	46	0.0	71	0.0		
								22	0.0	47	0.06	72	0.0		
								23	0.0	48	0.0	73	0.0		
								24	0.0	49	0.0	74	0.0		
								25	0.0	50	0.0	75	0.0		

SCALER BOARD (CONTINUED)

BR102				BR106		BR106 PIN 6		BR108		BR110	
PIN #	DC VOLTS	PIN #	DC VOLTS	PIN #	DC VOLTS	FUNCTION	DC VOLTS	PIN #	DC VOLTS	PIN #	DC VOLTS
1	0.0	26	0.0	1	6.2	POWER	2.1	1	3.2	1	NC
2	1.2	27	0.01	2	3.2	CH +	0.7	2	3.2	2	NC
3	1.1	28	0.04	3	0.0	CH -	0.35	3	0.0	3	NC
4	1.2	29	5.1	4	4.3	VOL +	1.4	4	3.2	4	NC
5	1.1	30	5.1	5	5.2	VOL -	1.1			5	3.2
6	1.1	31	5.1	6	2.4	MENU	1.7			6	NC
7	1.2	32	5.1								
8	0.0	33	5.1								
9	0.0	34	5.1								
10	1.1	35	0.0								
11	1.2	36	0.0								
12	1.2	37	0.0								
13	1.1	38	3.1								
14	0.0	39	0.0								
15	0.0	40	0.0								
16	0.04										
17	0.01										
18	0.04										
19	0.01										
20	0.04										
21	0.01										
22	0.0										
23	0.0										
24	0.04										
25	0.01										

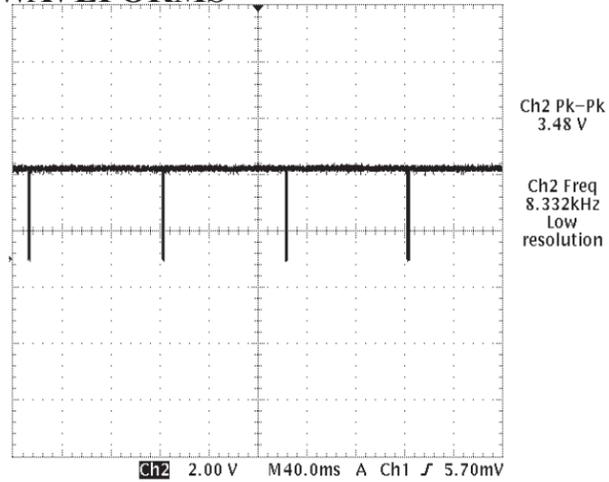
SMPS BOARD

CON1 (ACROSS PINS)		CON2		CON3	
PIN #	AC VOLTS	PIN #	DC VOLTS	PIN #	DC VOLTS
1	121.0	1	0.0	1	11.9
2	121.0	2	NC	2	0.0
		3	NC	3	0.0
		4	12.2	4	0.0
				5	23.9
				6	23.9
				7	3.2

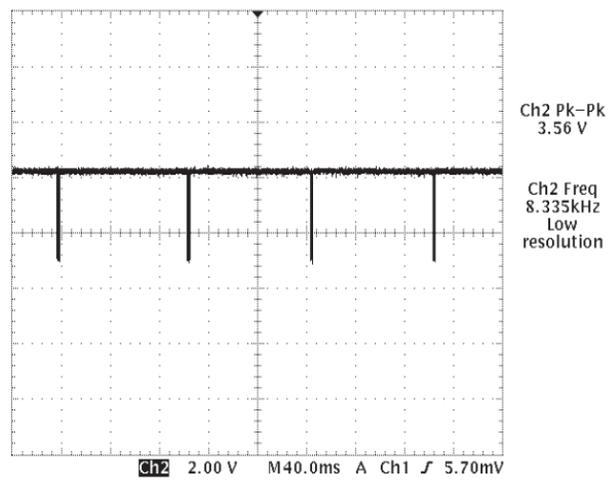
SMPS 1W BOARD

BP600 USE PIN 1/2 AS REF		BP610	
PIN #	AC VOLTS	PIN #	DC VOLTS
1	121.0	1	5.3
2	121.0	2	0.0
3	0.0	3	3.1
4	121.0		
5	0.0		
6	121.0		

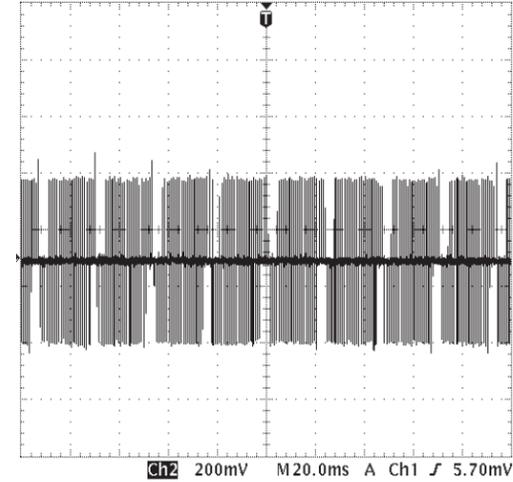
**J26L637/J32L637
WAVEFORMS**



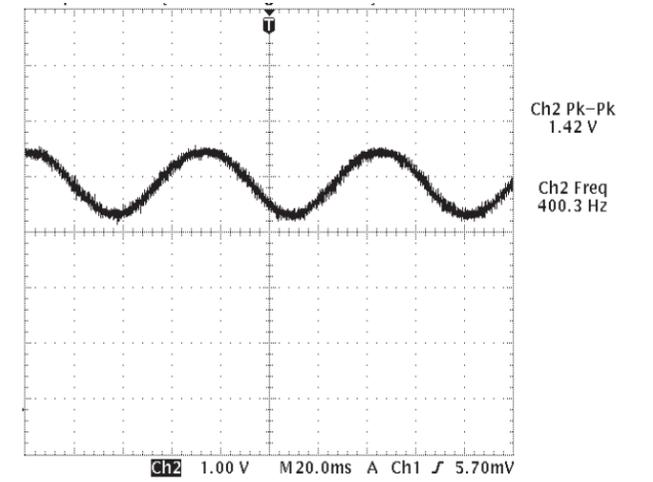
BM101 Pin 1 - QAM Board
BX600 Pin 1 - AV Board



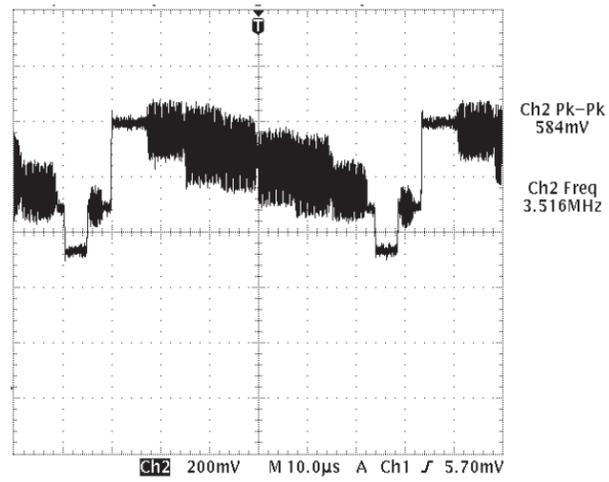
BM101 Pin 2 - QAM Board
BX600 Pin 2 - AV Board



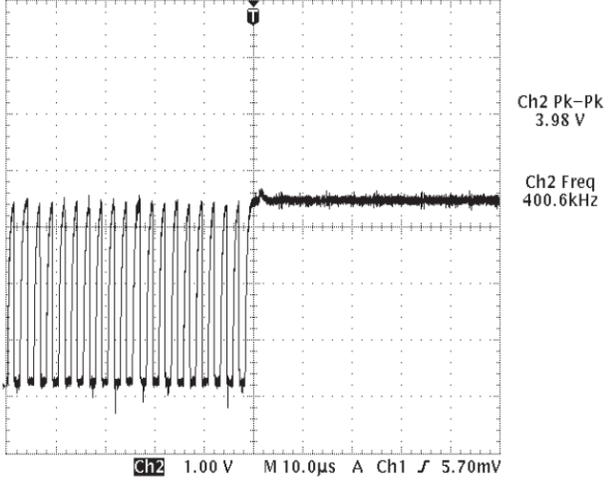
BV101 Pin 1 - QAM Board
BX601 Pin 1 - AV Board



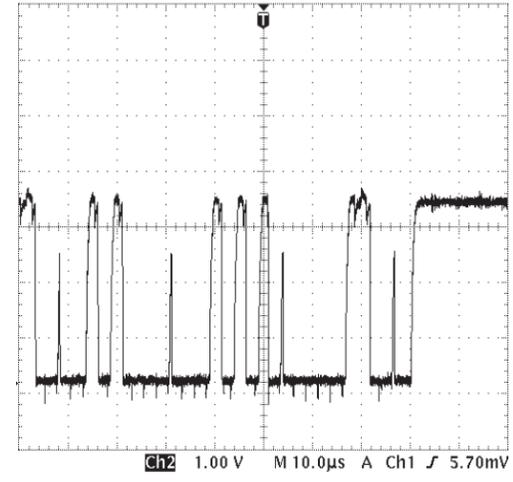
J701 Pin 9 - ADM1 Board
BH101 Pin 9 - AV Board



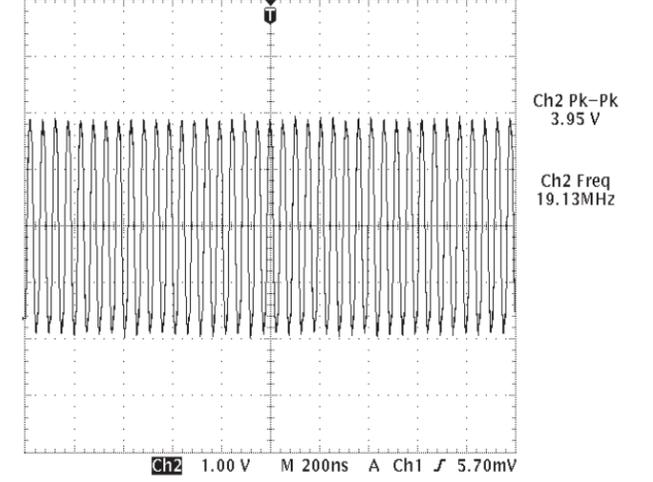
J701 Pin 14 - ADM1 Board
BH101 Pin 14 - AV Board



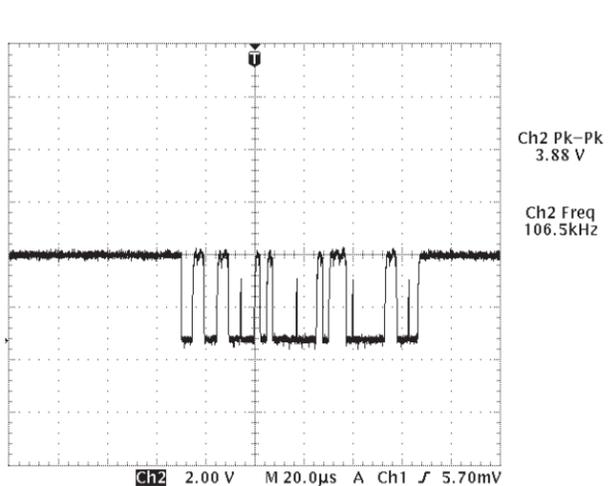
J701 Pin 4 - ADM1 Board
BH101 Pin 4 - AV Board



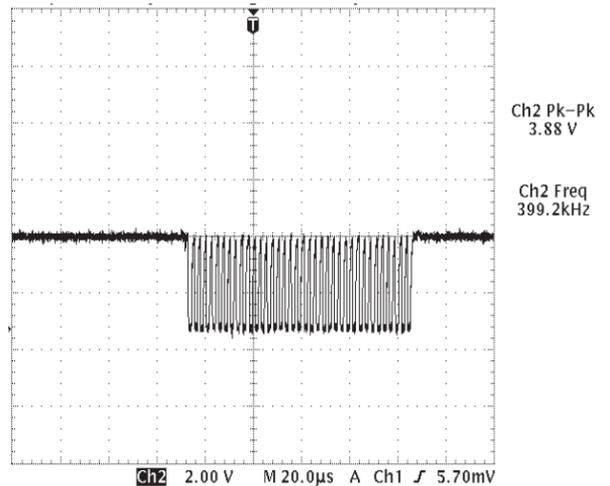
J701 Pin 5 - ADM1 Board
BH101 Pin 5 - AV Board



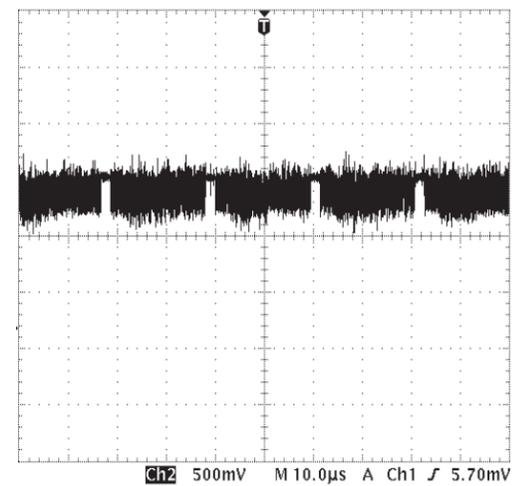
BM404 Pin 16 - QAM Board
BI101 Pin 16 - ADM1 Board



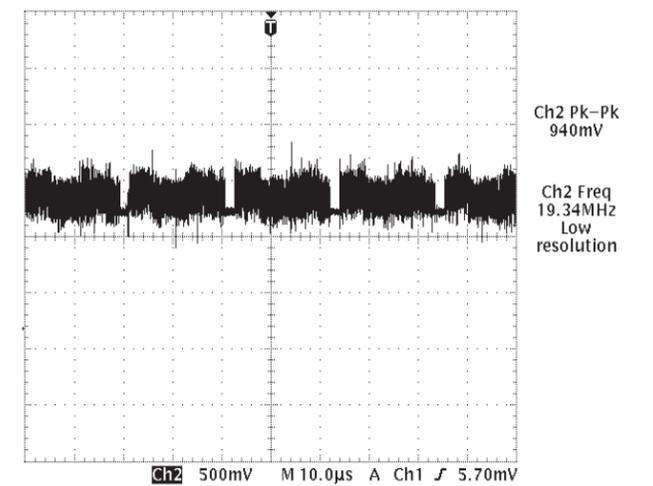
BX100 Pin 1 - AV Board
BR100 Pin 1 - Scaler Board



BX100 Pin 2 - AV Board
BR100 Pin 2 - Scaler Board

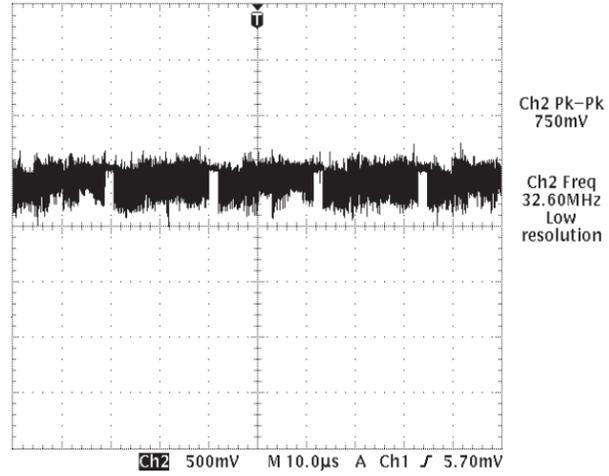


BR102 Pin 2 - Scaler Board

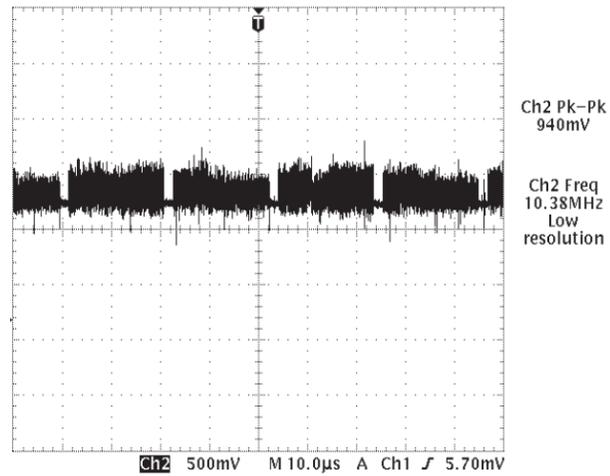


BR102 Pin 3 - Scaler Board

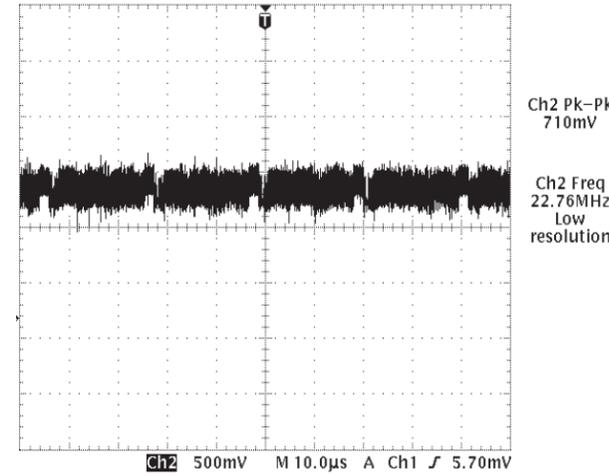
**J26L637/J32L637
WAVEFORMS**



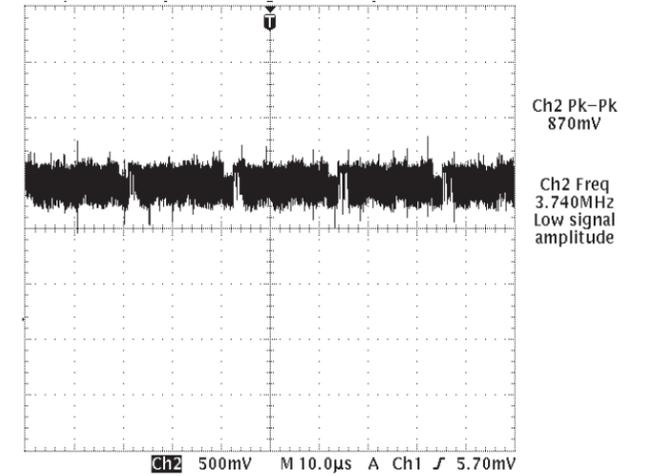
BR102 Pin 4 - Scaler Board



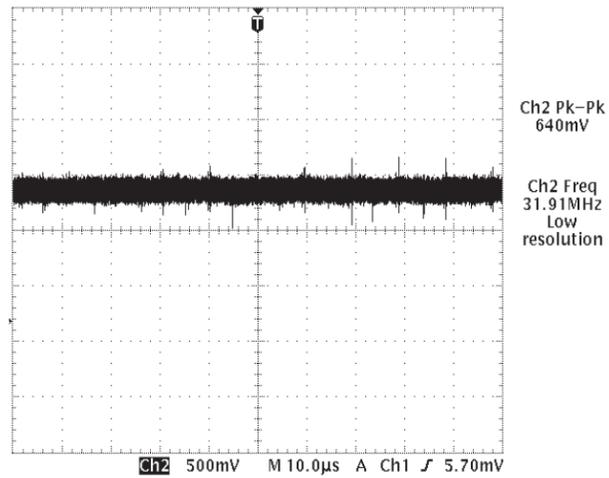
BR102 Pin 5 - Scaler Board



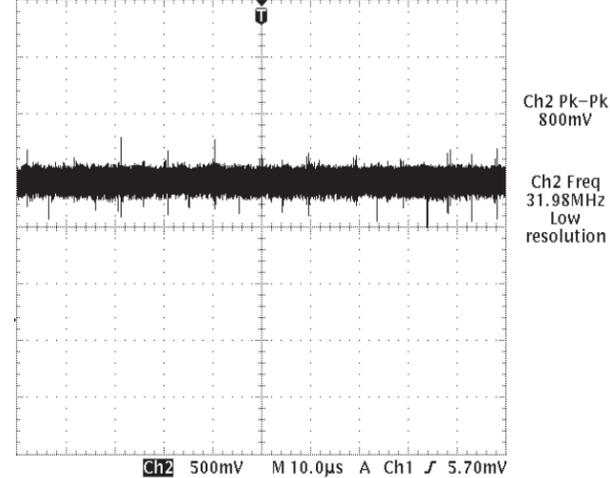
BR102 Pin 6 - Scaler Board



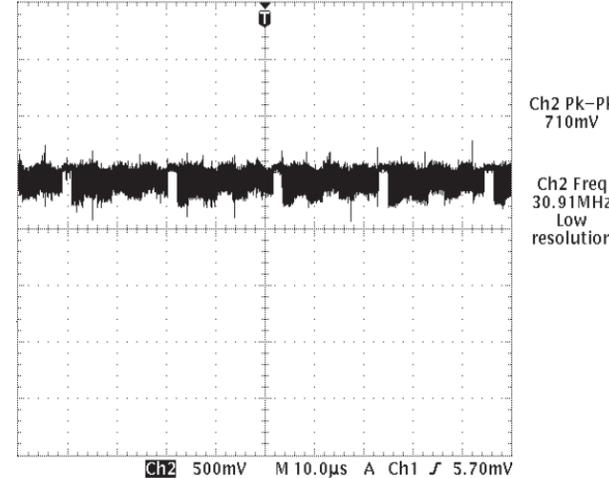
BR102 Pin 7 - Scaler Board



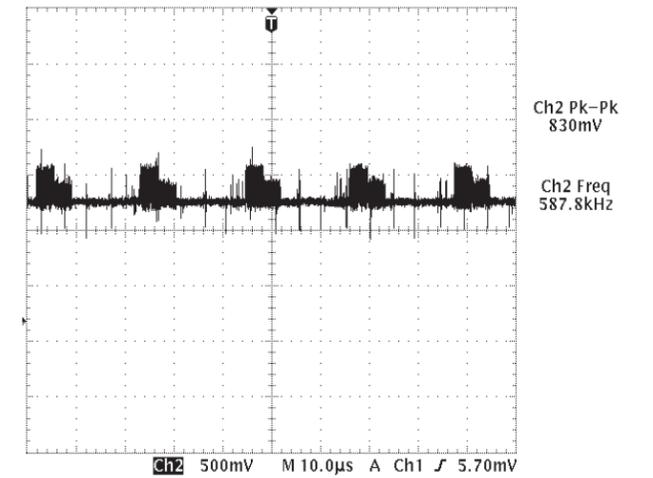
BR102 Pin 10 - Scaler Board



BR102 Pin 11 - Scaler Board

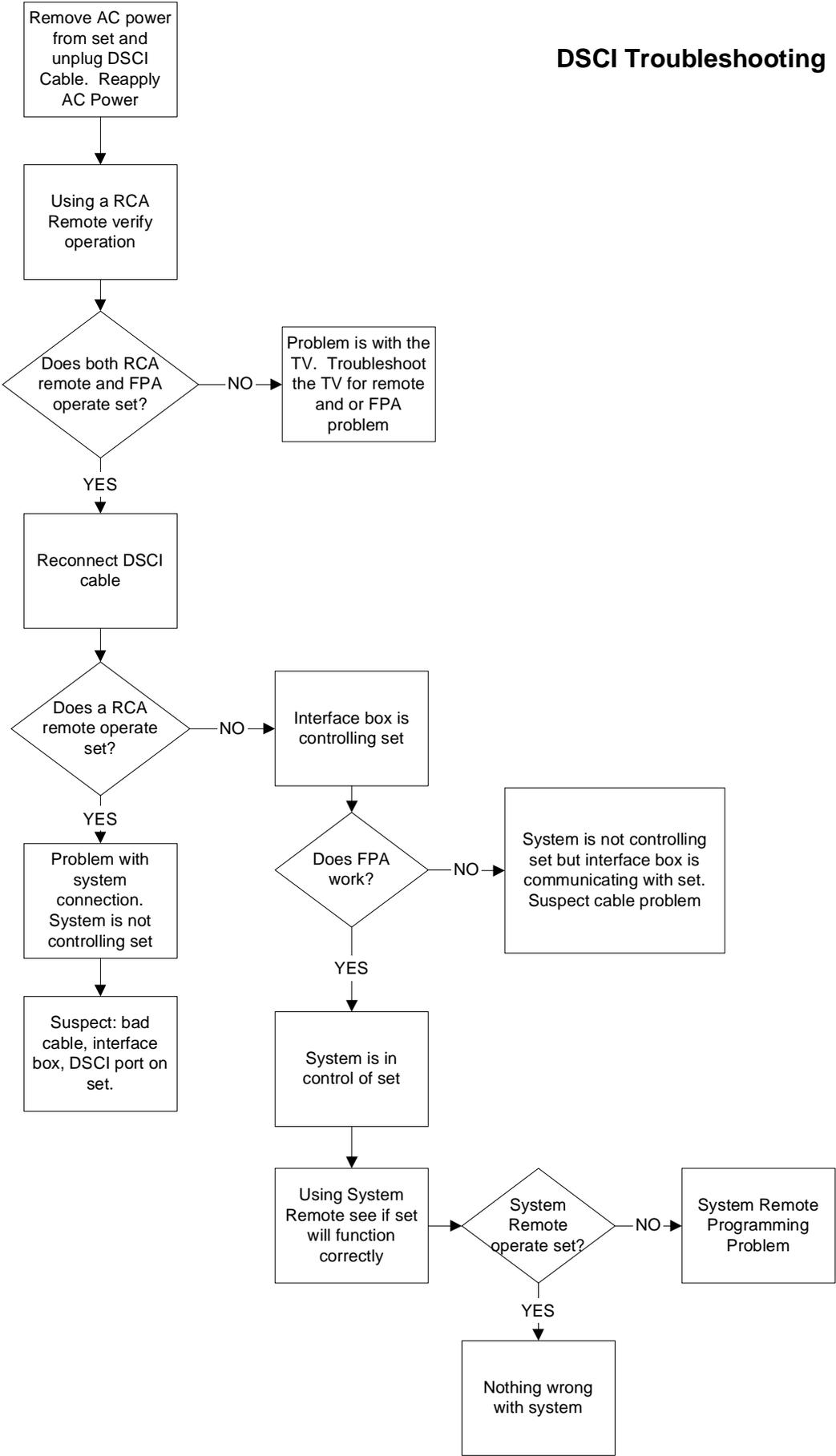


BR102 Pin 12 - Scaler Board



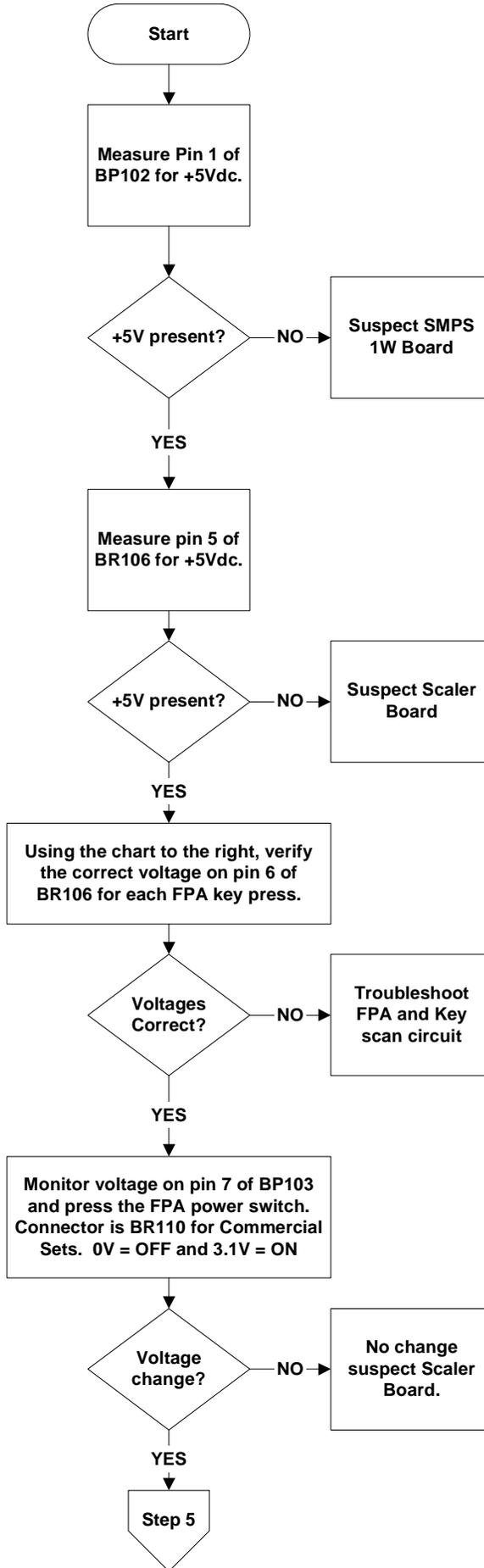
BR102 Pin 13 - Scaler Board

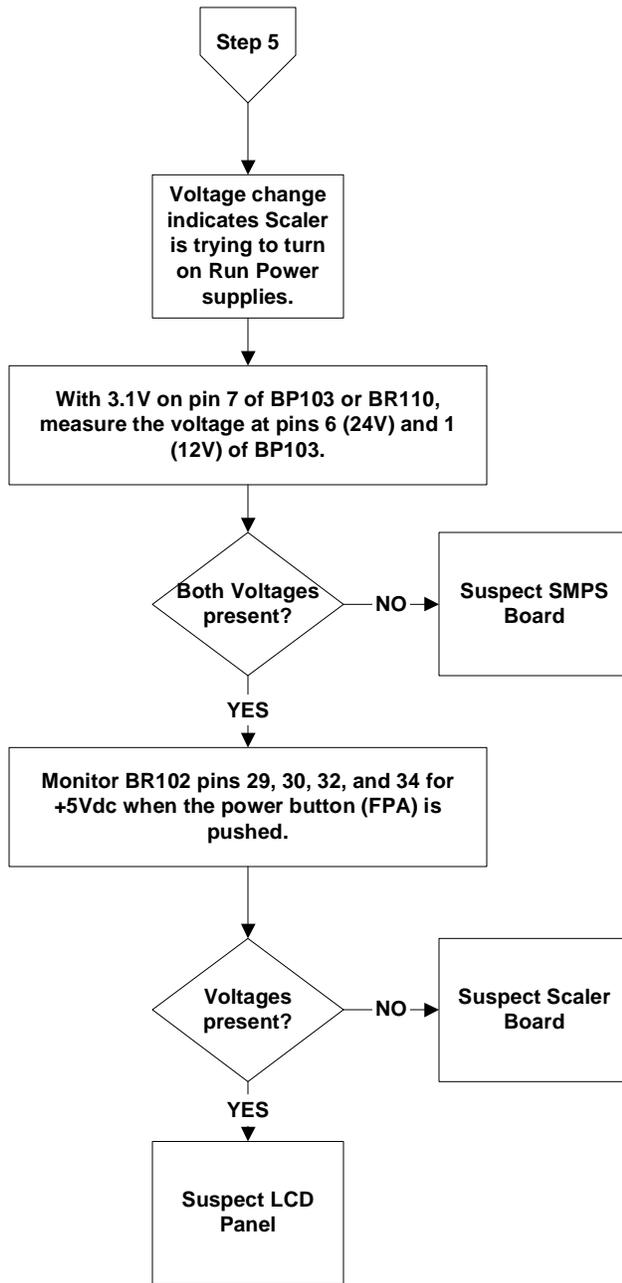
DSCI Troubleshooting



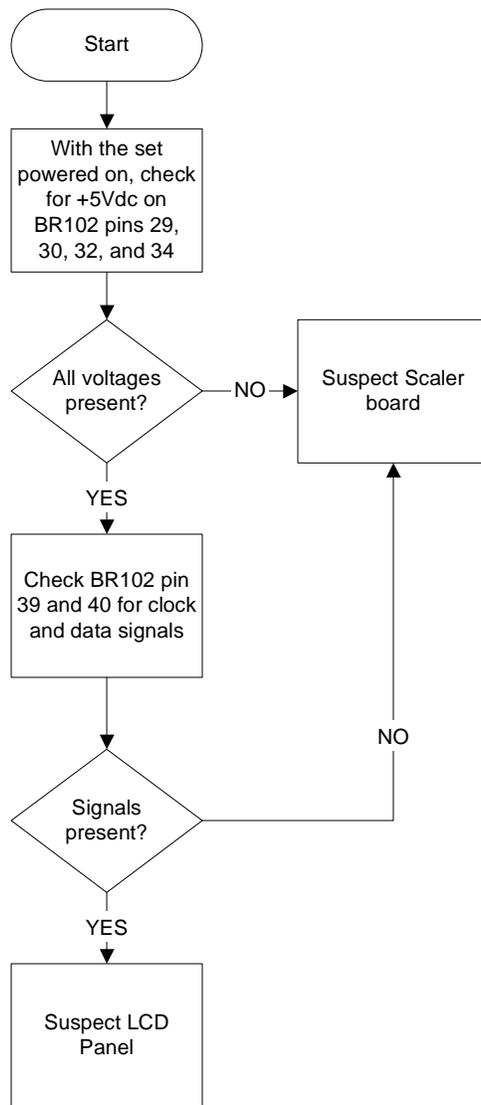
Dead Set Troubleshooting

BR106 Pin 6	
Function	DC Voltage
Power	2.1
Channel +	0.7
Channel -	0.35
Volume +	1.4
Volume -	1.1
Menu	1.7
No Key Press	2.4





Back light OK
Sound OK
NO Video



**ATSC Tuner not working
all other inputs and NTSC
tuner work**

