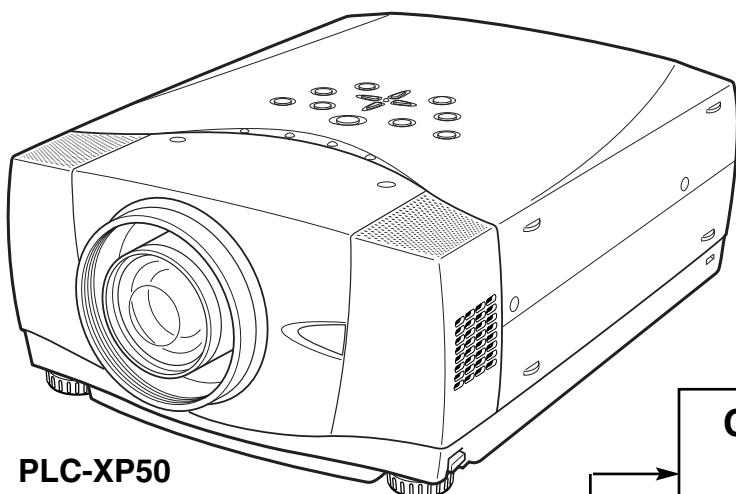


**SERVICE MANUAL
(SUPPLEMENT)**

Multimedia Projector

**Model No. PLC-XP50
PLC-XP50L**U.S.A., Canada,
Europe, Asia, Africa**Original Version****Chassis No. MS3-XP5000
MS3-XP50L00****NOTE:** Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.**If the Original Version Service Manual Chassis No. does not match the unit's,** additional Service Literature is required. You must refer to "Notices" to the Original Service Manual prior to servicing the unit.**- NOTE -**Any information not contained in this manual will be found in the original model's service manual **SM5110500-00** for models **PLC-XP55** and **PLC-XP55L**.**FILE WITH ORIGINAL SERVICE MANUAL (SM5110500)****PRODUCT CODE**

- 1 122 187 00 (MS3AA)
- 1 122 187 20 (MS3AM)
- 1 122 188 00 (PS3AA)
- 1 122 188 20 (PS3AM)
- 1 122 188 02 (PS3CA)
- 1 122 188 22 (PS3CM)

■ Contents

- NOTE -

Any information not contained in this manual will be found in the original model's service manual
SM5110500-00 for models **PLC-XP55** and **PLC-XP55L**.

MAJOR CHANGES as below:

- LCD Panels and LCD driving circuit
- Projection Lens
- Optical parts

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■ Specifications

Projector Type	Multi-media Projector
Dimensions (W x H x D)	12.6" x 6.6" x 16.8" (319mm x 168mm x 429.5mm)
Net Weight	19.2 lbs (8.7 kg) (PLC-XP50), 16.3 lbs (7.4 kg) (PLC-XP50L)
LCD Panel System	1.3" TFT Active Matrix type, 3 panels
Panel Resolution	1024 x 768 dots
Number of Pixels	2,359,296 (1024 x 768 x 3 panels)
Color System	PAL, SECAM, NTSC, NTSC4.43, PAL-M and PAL-N
High Definition TV Signals	480i, 480p, 575i, 575p, 720p, 1035i and 1080i
Scanning Frequency	H-sync. 15 ~ 100kHz, V-sync. 50 ~ 100Hz
Projection Lens	F 1.8 ~ 2.1 lens with f=48.4mm ~ 62.8mm motor zoom and focus (PLC-XP50)
Throw Distance	4.6' ~ 47.3' (1.4m ~ 14.4m) (PLC-XP50)
Motorized Lens Shift	Up and Down
Projection Image Size (Diagonal)	Adjustable from 31" to 400"
Horizontal Resolution	800 TV lines (HDTV)
Projection Lamp	300 watt type
Input 1/Monitor Output Jacks	DVI Terminal (Digital) HDCP Compatible, HDB 15-pin Terminal (Analog) and Stereo Mini Type Jack (Audio)
Input 2 Jacks	BNC Type x 5 (G or VIDEO/Y, B or Cb/Pb, R or Cr/Pr, H and V), Stereo Mini Type Jack (Audio)
Input 3 Jacks	RCA Type x 3 (VIDEO/Y, Cb/Pb, Cr/Pr), RCA Type x 2 (Audio R and L) and DIN 4-pin (S-Video)
Other Jacks	DIN 8-pin (Control port), USB port (Series B receptacle), Wired Remote Jack and PJ-Net Organizer Connector
Built-in Speakers	INT. SP. Stereo (R and L), 2 watts RMS (T.H.D. 10%)
Feet Adjustment	0° to 10.5°
Voltage and	AC 100 ~ 120V (5.0A Max. Ampere), 50/60Hz (The U.S.A and Canada)
Power Consumption	AC 200 ~ 240V (2.5A Max. Ampere), 50/60Hz (Continental Europe and The U.K.)
Operating Temperature	41 °F ~ 95 °F (5°C ~ 35°C)
Storage Temperature	14 °F ~ 140 °F (-10°C ~ 60°C)
Remote Control Transmitters	Wireless/Wired Remote Control, batteries AA, UM3 or R06 Type x 2

- The specifications are subject to change without notice.



This symbol on the nameplate means the product is Listed by Underwriters Laboratories Inc. It is designed and manufactured to meet rigid U.L. safety standards against risk of fire, casualty and electrical hazards.



The CE Mark is a Directive conformity mark of the European Community (EC).

■ Optical Parts Disassemblies

* Following assemblies differ from previous assemblies for chassis No. MR3-XP5500 others are the same;
- The optical filters has been added.

Polarized Glass-In and Optical Filter-In(WV) removal

- 1 Remove each hex screw and pull the Polarized Glass-In ass'y upward.
- 2 Remove a stopper and take the glass off upward.

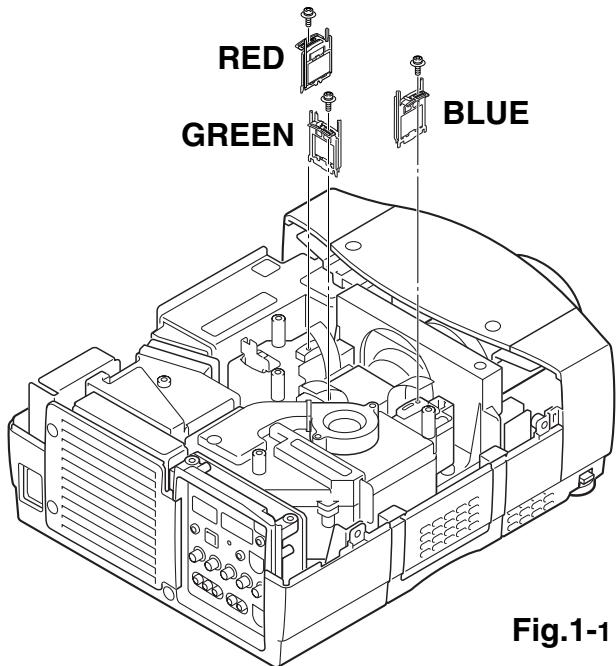


Fig.1-1

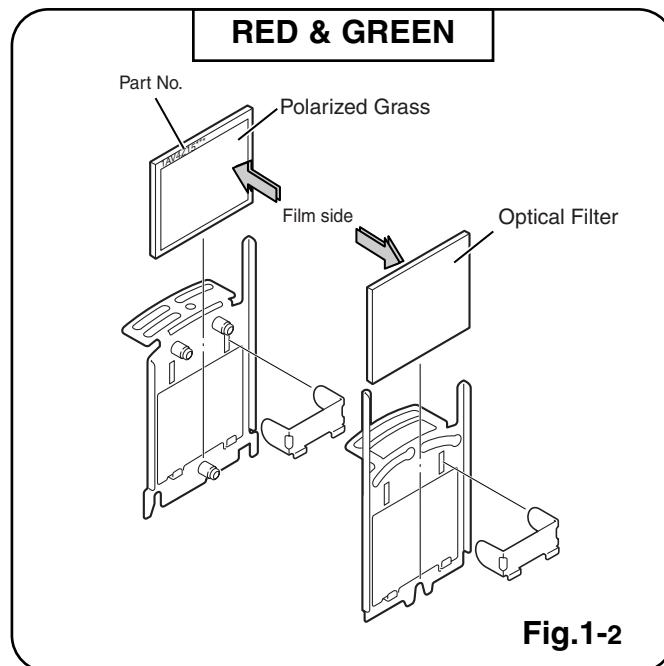


Fig.1-2

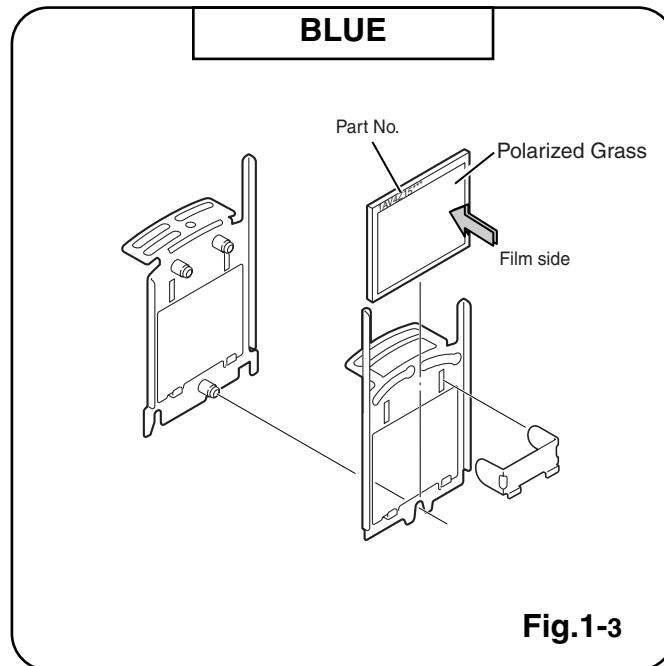


Fig.1-3

■ Optical Adjustments

* Following adjustment differs from previous adjustment for chassis No. MR3-XP5500 others are the same;
- Contrast adjustment

Before taking optical adjustments below, remove the Cabinet Top and Main Board following to the "Mechanical Disassemblies"

Adjustments require a 2.0mm hex wrench and a slot screwdriver.

Note: Do not disconnect connectors **K8L**, **K8X**, **K8D**, **K8G** and **K8E** on the main board, because the projector can not turn on due to operate the power failure protection.

Contrast adjustment

[Before Adjustment]

- Input a 100% of black raster signal.

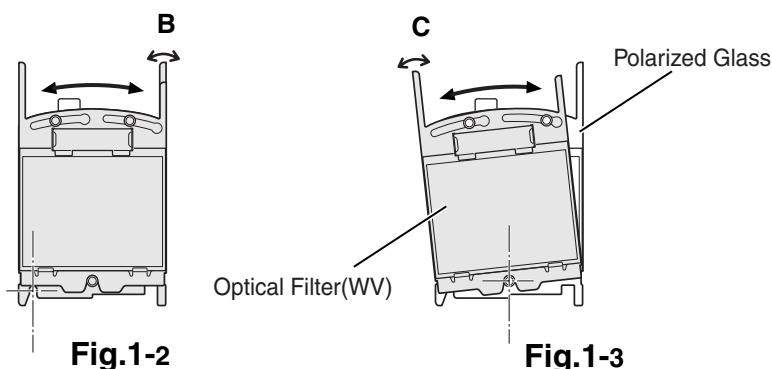
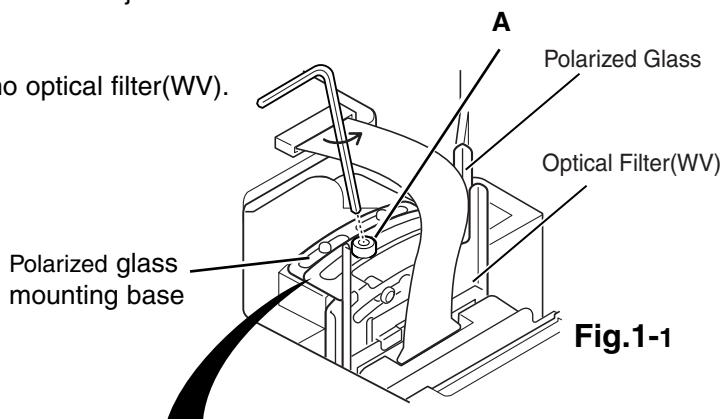
[R/G/B-CONTRAST ADJUSTMENT]

- 1 Loosen a screw **A** (Fig.1-1) on the polarized glass mounting base which you intend to adjust.
- 2 Turn the polarized glass mounting base with knob **B** as shown in Fig.1-2 to obtain the darkest brightness on the screen. (The polarized glass and optical filter move together.)
- 3 Turn the optical filter mounting base with knob **C** as shown in Fig.1-3 to obtain the black color uniformity on the screen.(Move only the optical filter.)
- 4 Tighten the screw **A** to fix the polarized glass mounting base.

Repeat steps 1 to 4 for remaining R, G or B contrast adjustment.

Note : Blue contrast adjustment

The 3rd step may be ignored because of no optical filter(WV).



■ Adjustments after Parts Replacement

● : Adjustment necessary ○ : Check necessary

		Disassembly / Replaced Parts								
		LCD/ Prism Ass'y	Condenser Lens	Relay Lens	Polarized glass			Power Board	Sub Power Board	Main Board
					R	G	B			
Optical Adjustments	Condenser lens adjustment	○	●							
	Relay lens adjustment	○		●						
	Contrast Adjustment				●					
	R-Contrast adjustment					●				
	G-Contrast adjustment						●			
	B-Contrast adjustment						●			
	Output voltage adjustment							○		
	+16 V adjustment							○		
	Fan output voltage adjustment								●	●
	NRS adjustment									●
Electrical Adjustments	Video center adjustment									●
	PC black level adjustment									●
	PC pedestal adjustment									●
	PC gain adjustment									●
	PC signal offset adjustment									●
	Video A/D reference voltage top & bottom adj.									●
	Video pedestal adjustment									●
	Video gain adjustment									●
	Video signal offset adjustment									●
	Component pedestal adjustment									●
	Component A/D reference voltage top adjustment									●
	Component gain adjustment									●
	RGB pedestal adjustment									●
	RGB A/D reference voltage top adjustment									●
	RGB gain adjustment									●
	Common center adjustment	●								●
	PC white balance adjustment	○							○	
	Video white balance adjustment	○							○	

■ Electrical Adjustments

● Circuit Adjustments

CAUTION: The each circuit has been made by the fine adjustment at factory. Do not attempt to adjust the following adjustments except requiring the readjustments in servicing otherwise it may cause loss of performance and product safety.

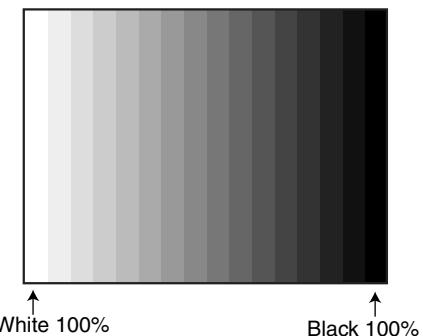
[Adjustment Condition]

● Input signal

- Video signal 1.0Vp-p/75Ω terminated, 16 steps gray scale, white 100% and black 0% pattern (Composite video signal)
- Computer signal 0.7Vp-p/75Ω terminated, 16 steps gray scale pattern (XGA)
- Component Video signal 0.7Vp-p/75Ω terminated, 16 steps gray scale, white 100% and black 0% pattern (480i format)
- RGB Video signal 0.7Vp-p/75Ω terminated, 16 steps gray scale, white 100% and black 0% pattern (480p format)

- Picture control mode "STANDARD" mode unless otherwise noted.

16 steps gray scale pattern



Note:

* Please refer to "Service Adjustment Menu Operation" in the original model's service manual for entering to the service mode and adjusting the service data.

1 Output voltage adjustment

After replacing the Power Board readjust the Output voltage adjustment as follows.

1. Connect a digital voltmeter to pin 1 (+) of **K6A** and chassis ground (-).
2. Adjust the voltage by using **VR601** on the power board as following.

AC Input	Reading
230V	370 ±2Vdc
or 120V	356 ±2Vdc

Caution:

Be sure to connect the lamp when taking this adjustment.

2 +16V adjustment

1. Receive the 16-step gray scale video signal with **Input 3 [VIDEO]** mode.
2. Connect a digital voltmeter to pin 3 (+) of **CN6A** and chassis ground (-).
3. Adjust the voltage to be **16.0 ±0.1Vdc** by using **VR681** on the power board.

Note:

The Power Board for replacing is already adjusted in the factory, so it is not required to perform readjustment of item1 and 2.

3 Fan voltage adjustment

1. Enter the service mode.
2. Connect a digital multimeter to test point "**TPFN***" (+) and chassis ground (-). (as shown below)
3. Select group no. "**11**", item no. "**24**" and change data value of the fan number. (as shown below)
4. Select item no. "**41**" and change data value to adjust the fan max. output voltage to be **14.0 ±0.1V**.
5. Select item no. "**42**" and change data value to adjust the fan min. output voltage to be **6.5 ±0.1V**.
6. Each fan should be adjusted refer to item 2 - 5.

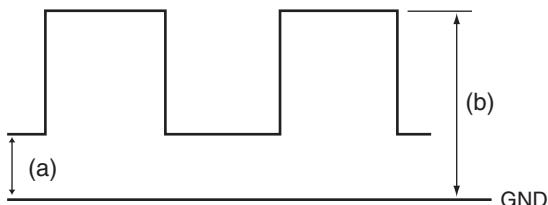
Note:

The location of each fan is refer to the parts list.

FAN No.	Group/Item	Data	Test point
FN901	11 / 24	0	TPFN1
FN902	11 / 24	0	TPFN1
FN903	11 / 24	2	TPFN3
FN904	11 / 24	5	TPFN4
FN905	11 / 24	1	TPFN5
FN906	11 / 24	4	TPFN6
FN907	11 / 24	3	TPFN7

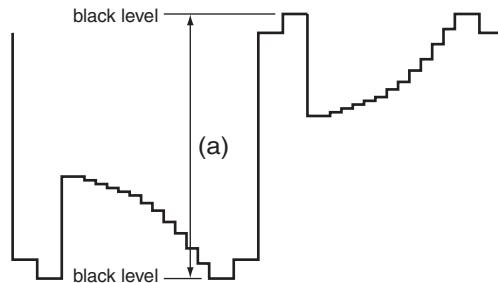
4 NRS adjustment

1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point “**TPNRS**” (+) and chassis ground (-).
4. Select group no. “**5**”, item no. “**4**” and change data value to adjust amplitude “**a**” to be **2.0 ±0.1V**.
5. Select item no. “**3**” and change data value to adjust amplitude “**b**” to be **7.0 ±0.1V**.



6 PC black Level adjustment

1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point “**TP35G**” (+) and chassis ground (-).
4. Select group no. “**5**”, item no. “**0**” and change data value to adjust amplitude “**a**” to be **10.0 ±0.1V**.
3. Connect an oscilloscope to test point “**TP35B**” (+) and chassis ground (-).
4. Select item no. “**1**” and change data value to adjust amplitude “**a**” to be **10.0 ±0.1V**.
3. Connect an oscilloscope to test point “**TP35R**” (+) and chassis ground (-).
4. Select item no. “**2**” and change data value to adjust amplitude “**a**” to be **10.0 ±0.1V**.



5 Video center adjustment

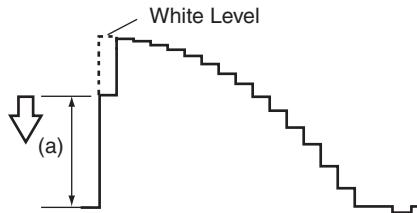
1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode.
3. Connect a digital voltmeter to test point “**TPV1G**” (+) and chassis ground (-).
4. Select group no. “**5**”, item no. “**5**” and change data value to adjust the voltage to be **6.50 ±0.1Vdc**.
5. Connect a digital voltmeter to test point “**TPV1B**” (+) and chassis ground (-).
6. Select item no. “**6**” and change data value to adjust the voltage to be **6.50 ±0.1Vdc**.
7. Connect a digital voltmeter to test point “**TPV1R**” (+) and chassis ground (-).
8. Select item no. “**7**” and change data value to adjust the voltage to be **6.50 ±0.1Vdc**.
9. Connect a digital voltmeter to test point “**TPV2G**” (+) and chassis ground (-).
10. Select group no. “**5**”, item no. “**8**” and change data value to adjust the voltage to be **7.50 ±0.1Vdc**.
11. Connect a digital voltmeter to test point “**TPV2B**” (+) and chassis ground (-).
12. Select item no. “**9**” and change data value to adjust the voltage to be **7.50 ±0.1Vdc**.
13. Connect a digital voltmeter to test point “**TPV2R**” (+) and chassis ground (-).
14. Select item no. “**10**” and change data value to adjust the voltage to be **7.50 ±0.1Vdc**.

7 PC pedestal adjustment

1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode.
3. Select group no. “**500**”, item no. “**0**” and change data value to adjust the **green** noise on the white 0% area of screen to the first point of the deepest green.
4. Select item no. “**1**” and change data value to adjust the **blue** noise on the white 0% area of screen to the first point of the deepest blue.
4. Select item no. “**2**” and change data value to adjust the **red** noise on the white 0% area of screen to the first point of the deepest red.

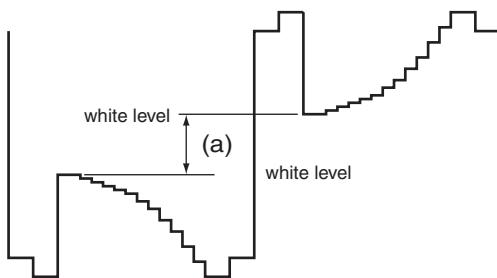
8 PC gain adjustment

1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point “**TP35G**” (+) and chassis ground (-).
4. Select group no. “**4**”, item no. “**3**” and change data value to adjust waveform “**a**” to be minimum amplitude.
5. Connect an oscilloscope to test point “**TP35B**” (+) and chassis ground (-).
6. Select item no. “**4**” and change data value to adjust waveform “**a**” to be minimum amplitude.
7. Connect an oscilloscope to test point “**TP35R**” (+) and chassis ground (-).
8. Select item no. “**5**” and change data value to adjust waveform “**a**” to be minimum amplitude.



9 PC signal offset adjustment

1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point “**TP35G**” (+) and chassis ground (-).
4. Select group no. “**4**”, item no. “**6**” and adjust the amplitude “**a**” to be $1.5 \pm 0.1V$ by changing the Data value.



10 Video A/D reference voltage (bottom side) adjustment

1. Receive the 16-step gray scale composite video signal with **Input 3 [Video]** mode.
2. Enter the service mode.
3. Connect a digital voltmeter to test point “**TPVRB**” (+) and chassis ground (-).
4. Select group no. “**5**”, item no. “**17**” and change data value to adjust the voltage to be **0.70 ±0.02Vdc**.

11 Video Y pedestal adjustment

1. Receive the black 0% composite video signal with **Input 3 [Video]** mode.
2. Enter the service mode.
3. Select group no. “**5**”, item no. “**11**” and change data value to adjust the **green** noise on the screen to the deepest green.

12 Video A/D reference voltage (top side) adjustment

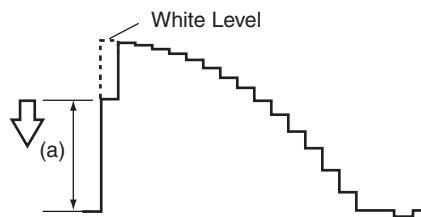
1. Receive the white 100% composite video signal with **Input 3 [Video]** mode.
2. Enter the service mode.
3. Select group no. “**5**”, item no. “**18**” and change data value to adjust the **magenta** noise on the screen to the deepest magenta.

13 Video Cb/Cr pedestal adjustment

1. Receive the black 0% composite video signal with **Input 3 [Video]** mode.
2. Enter the service mode.
3. Select group no. “**5**”, item no. “**12**” and change data value to adjust the **blue** noise on the screen to the deepest blue.
4. Select group no. “**5**”, item no. “**13**” and change data value to adjust the **red** noise on the screen to the deepest red.

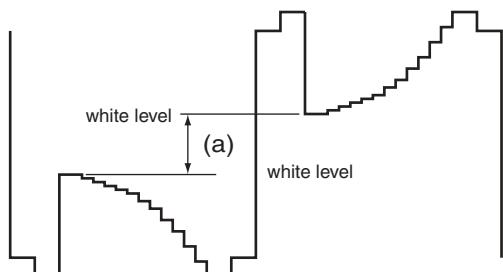
14 Video gain adjustment

1. Receive the 16-step gray scale composite video signal with **Input 3 [video]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point “**TP35G**” (+) and chassis ground (-).
4. Select group no. “**4**”, item no. “**3**” and change data value to adjust waveform “**a**” to be minimum amplitude.
5. Connect an oscilloscope to test point “**TP35B**” (+) and chassis ground (-).
6. Select item no. “**4**” and change data value to adjust waveform “**a**” to be minimum amplitude.
7. Connect an oscilloscope to test point “**TP35R**” (+) and chassis ground (-).
8. Select item no. “**5**” and change data value to adjust waveform “**a**” to be minimum amplitude.



15 Video signal offset adjustment

1. Receive the 16-step gray scale composite video signal with **Input 3 [video]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point “**TP35G**” (+) and chassis ground (-).
4. Select group no. “**4**”, item no. “**6**” and adjust the amplitude “**a**” to be $1.5 \pm 0.1V$ by changing the Data value.



16 Component Y pedestal adjustment

1. Receive the black 0% component 480i video signal with **Input 3 [Component]** mode.
2. Enter the service mode.
3. Select group no. “**5**”, item no. “**11**” and change data value to adjust the **green** noise on the screen to the deepest green.

17 Component A/D reference voltage (top side) adjustment

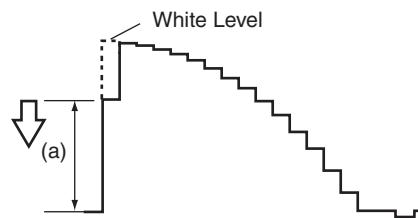
1. Receive the white 100% component 480i video signal with **Input 3 [Component]** mode.
2. Enter the service mode.
3. Select group no. “**5**”, item no. “**18**” and change data value to adjust the **magenta** noise on the screen to the deepest magenta.

18 Component Cb/Cr pedestal adjustment

1. Receive the black 0% component 480i video signal with **Input 3 [Component]** mode.
2. Enter the service mode.
3. Select group no. “**5**”, item no. “**12**” and change data value to adjust the **blue** noise on the screen to the deepest blue.
4. Select item no. “**13**” and change data value to adjust the **red** noise on the screen to the deepest red.

19 Component gain adjustment

1. Receive the 16-step gray scale component 480i signal with **Input 3 [Component]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point “**TP35G**” (+) and chassis ground (-).
4. Select group no. “**4**”, item no. “**3**” and change data value to adjust waveform “**a**” to be minimum amplitude.
5. Connect an oscilloscope to test point “**TP35B**” (+) and chassis ground (-).
6. Select item no. “**4**” and change data value to adjust waveform “**a**” to be minimum amplitude.
7. Connect an oscilloscope to test point “**TP35R**” (+) and chassis ground (-).
8. Select item no. “**5**” and change data value to adjust waveform “**a**” to be minimum amplitude.



20 RGB G pedestal adjustment

1. Receive the black 0% RGB 480p video signal with **Input 2 [RGB]** mode.
2. Enter the service mode.
3. Select group no. "5", item no. "11" and change data value to adjust the **green** noise on the screen to the deepest green.

21 RGB A/D reference voltage (top side) adjustment

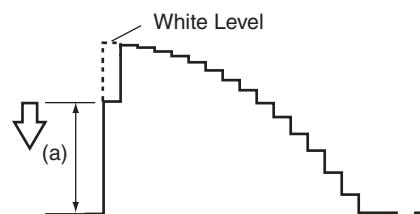
1. Receive the white 100% RGB 480p video signal with **Input 2 [RGB]** mode.
2. Enter the service mode.
3. Select group no. "5", item no. "18" and change data value to adjust the **magenta** noise on the screen to the deepest magenta.

22 RGB B/R pedestal adjustment

1. Receive the black 0% RGB 480p video signal with **Input 2 [RGB]** mode.
2. Enter the service mode.
3. Select group no. "5", item no. "12" and change data value to adjust the **blue** noise on the screen to the deepest blue.
4. Select item no. "13" and change data value to adjust the **red** noise on the screen to the deepest red.

23 RGB gain adjustment

1. Receive the 16-step gray scale RGB 480p signal with **Input 2 [RGB]** mode.
2. Enter the service mode.
3. Connect an oscilloscope to test point "**TP35G**" (+) and chassis ground (-).
4. Select group no. "4", item no. "3" and change data value to adjust waveform "a" to be minimum amplitude.
5. Connect an oscilloscope to test point "**TP35B**" (+) and chassis ground (-).
6. Select item no. "4" and change data value to adjust waveform "a" to be minimum amplitude.
7. Connect an oscilloscope to test point "**TP35R**" (+) and chassis ground (-).
8. Select item no. "5" and change data value to adjust waveform "a" to be minimum amplitude.



24 Common center adjustment

1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode.
3. Project only **green** light component to the screen.
4. Select group no. "4", item no. "51" and change data value to obtain the minimum flicker on the screen.
5. Project only **blue** light component to the screen.
6. Select item no. "52" and change data value to obtain the minimum flicker on the screen.
7. Project only **red** light component to the screen.
8. Select item no. "53" and change data value to obtain the minimum flicker on the screen.

25 White balance adjustment

[PC WHITE BALANCE ADJUSTMENT]

1. Receive the 16-step gray scale computer signal with **Input 1 [RGB(Analog)]** mode.
2. Enter the service mode, select group no. "4", item no. "7" (Blue) or "8" (Red), and change data values respectively to make a proper white balance.

[AV WHITE BALANCE ADJUSTMENT]

3. Receive the 16-step gray scale composite video signal with **Input 3 [Video]** mode.
4. Enter the service mode, select group no. "4", item no. "7" (Blue) or "8" (Red), and change data values respectively to make a proper white balance.

Confirm that the same white balance is obtained in video and computer input.

NOTE ON WHITE UNIFORMITY ADJUSTMENT

If you find the color shading on the screen, please adjust the white uniformity by using the proper computer and "Color Shading Correction" software supplied separately. The software can be ordered as follows;

COLOR SHADING CORRECTION SOFTWARE

Service Parts No. 645 056 6288
or 645 066 7428

● Service Adjustment Data Table

These initial values are the reference data written from the CPU ROM to memory IC when replaced new memory IC. The adjustment items indicated with “*” are required to readjust following to the “Electrical adjustments”. Other items should be used with the initial data value.

No.	Adjustment Item	Initial Value	Range	Input source / Description
Group: 0 TA1370				
0	SEPLEV	3/3/3	0 ~ 3	YCbCr-1080i,1035i,720p / RGB-1080i,1035i,720p / others
1	YCLPPHS	0/1/1	0 or 1	YCbCr-1080i,1035i,720p / RGB-1080i,1035i,720p / others
2	HD_PHASE	37/40/36/37/40/	0 ~ 63	YCbCr-1080i,1035i / 720p / 1080i_50 / RGB-1080i / RGB-720p /
		36/37/37/32		RGB-1080i_50 / 575p / 480p / others
3	V_FREQ	-	-	Read only
4	H_FREQ	-	-	
5	HD_IN	-	-	
Group: 1 uPD64083				
0	NRMD	0	0 ~ 3	
1	HDP	4	0 ~ 7	
2	CDL	4	0 ~ 7	
3	DYCOR	4	0 ~ 15	DY detect coring level (Y movement detect coring)
4	DYGAIN	15	0 ~ 15	DY detect gain (Y movement detect gain)
5	DCCOR	2	0 ~ 15	DC detect coring level (C movement detect coring)
6	DCGAIN	13	0 ~ 15	DC detect gain (C movement detect gain)
7	VAPGAIN	3	0 ~ 15	
8	VAPINV	2	0 ~ 15	
9	YPFT	3	0 ~ 3	
10	YPFG	12	0 ~ 15	
11	V1PSEL	3	0 ~ 3	
12	VEGSEL	3	0 ~ 3	
13	CC3N	0	0 or 1	
14	SELD2FH	1	0 or 1	
15	SELD1FL	1	0 or 1	
16	YHCOR	0	0 ~ 3	
17	HPLLFG	1	0 or 1	
18	PLLFS	1	0 or 1	
19	KILR	3	0 ~ 15	
20	HSSL	12	0 ~ 15	
21	VSSL	3	0 ~ 15	
22	BGPS	7	0 ~ 15	
23	BGPW	3	0 ~ 15	
Group: 2 TB1274AF				
0	TINT	32	0 ~ 63	
1	SHP_EQ	2	0 ~ 3	
2	SHP_FO	2	0 ~ 3	
3	SHP_GAIN	11/11/8/6 6/9/8/8	0 ~ 15	Video NT / PAL,PALM,PALN / SECAM,BW60,BW50 / NT443 / PAL60 / S-Video / YCbCr / Scart
4	Y_OUT_LEVEL 0.7V	33/31/32/32/35/ 31/31/32/32 32/35/38	0 ~ 63	Video NT / NT443 / PAL,PALM,PALN / PAL60 / SECAM,BW / S-Video NT,BW / NT443 / PAL,PALM,PALN / PAL60 SECAM / YCbCr / Scart
5	C_OUT_LEVEL 0.6V	25/24/31/25/41/ 26/26/32/25/ 42/35/35/35	0 ~ 63	Video NT / NT443 / PAL,PALM,PALN / PAL60 / SECAM,BW / S-Video NT,BW / NT443 / PAL,PALM,PALN / PAL60 SECAM / 480i / 575i / Scart
6	Y_DELAY	5/5/4/4/4/ 4/4/3/3/4	0 ~ 15	Video NT,BW60 / PAL,PALM,PALN,BW50 / SECAM / NT443 / PAL60 S-Video NT,BW60 / PAL,PALM,PALN,BW50 / SECAM / NT443 / PAL60
7	COL_SYS	-	-	Read Only
8	X'TAL	-	-	
9	NOISE_DET	-	-	
10	V_FREQ	-	-	
11	Vert. Std	-	-	
12	CID	-	-	
13	V_SIG	-	-	
14	MVM	0	0 or 1	
15	AFC_GAIN	1	0 ~ 3	
16	SECAM_GP,SECAM_ID	7	0 ~ 15	
17	LPF	1/1	0 or 1	Not-Scart / Scart
Group: 3 CXA2151				
0	MATOUT	0/0/0/2/1	0 ~ 3	RGB / YCbCr 480i&575i / YCbCr 480p&575p / YCbCr 1080i&720p / YCbCr 1035i
1	V_TC	0/0/0/0/ 0/0/0/0	0 ~ 3	RGB-480i,575i / 480p,575p / 720p,1080i / 1035i YCbCr-480i,575i / 480p,575p / 720p,1080i / 1035i
2	HSEP_SEL	0/0/0/0/ 0/0/0/0	0 or 1	RGB-480i,575i / 480p,575p / 720p,1080i / 1035i YCbCr-480i,575i / 480p,575p / 720p,1080i / 1035i
3	HD_TC	0/0/0/0/ 0/0/0/0	0 or 1	RGB-480i,575i / 480p,575p / 720p,1080i / 1035i YCbCr-480i,575i / 480p,575p / 720p,1080i / 1035i

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
4	HS_MASK	0/0/0/0/ 0/0/0/0	0 or 1	RGB-480i,575i / 480p,575p / 720p,1080i / 1035i YCbCr-480i,575i / 480p,575p / 720p,1080i / 1035i
5	MACRO	1/1/0/ 1/1/0	0 or 1	RGB-480i,575i / 480p,575p / 720p,1035i,1080i YCbCr-480i,575i / 480p,575p / 720p,1035i,1080i
6	CB_GAIN	6/6/6/6/6	0 ~ 15	RGB / YCbCr-480i,575i / YCbCr-480p,575p / YCbCr-1080i,720p / YCbCr-1035i
7	CR_GAIN	6/6/6/6/6	0 ~ 15	RGB / YCbCr-480i,575i / YCbCr-480p,575p / YCbCr-1080i,720p / YCbCr-1035i
8	Y_GAIN	6/6/6/6/6	0 ~ 15	RGB / YCbCr-480i,575i / YCbCr-480p,575p / YCbCr-1080i,720p / YCbCr-1035i
9	GAIN_SEL	1/1	0 ~ 3	without RGB Video / RGB Video
Group: 4 PANEL (L3E07070, L3E06110)				
0	G_SUB_BRT	0/0	0 ~ 1023	PC / DVI, HDCP, AV, RGB-VIDEO White 100% Adjustment
1	B_SUB_BRT	0/0	0 ~ 1023	
2	R_SUB_BRT	0/0	0 ~ 1023	
3	G_SUB_GAIN	560 / 560 / 490 / 560	0 ~ 1023	PC / AV, RGB-VIDEO / DVI, HDCP / Component
4	B_SUB_GAIN	560 / 560 / 490 / 560	0 ~ 1023	* Gain adjustment [G]
5	R_SUB_GAIN	560 / 560 / 490 / 560	0 ~ 1023	* Gain adjustment [B]
6	Standard G_GAMMA SHIFT	512 / 512	0 ~ 1023	* Gain adjustment [R]
7	Standard B_GAMMA SHIFT	512 / 512	0 ~ 1023	PC(A, D) / AV, RGB-VIDEO, HDCP
8	Standard R_GAMMA SHIFT	512 / 512	0 ~ 1023	* Gamma signal offset adjustment
9	Real/Cinema G_Gamma_SH	-3/-3	-512 ~ 511	* White balance adjustment [B]
10	Real/Cinema B_Gamma_SH	-2/-2	-512 ~ 511	* White balance adjustment [R]
11	Real/Cinema R_Gamma_SH	0/0	-512 ~ 511	PC(A, D) / AV, RGB-VIDEO, HDCP
12	H_Crosstalk_R_Center	5	0 ~ 2047	
13	H_Crosstalk_G_Center	5	0 ~ 2047	
14	H_Crosstalk_B_Center	5	0 ~ 2047	
15	P_Ghost_Correction_R	4	0 ~ 2047	
16	P_Ghost_Correction_G	4	0 ~ 2047	
17	P_Ghost_Correction_B	4	0 ~ 2047	
18	R_V-line_Shade_Offset_1	16	0 ~ 31	
19	R_V-line_Shade_Offset_2	16	0 ~ 31	
20	R_V-line_Shade_Offset_3	16	0 ~ 31	
21	R_V-line_Shade_Offset_4	16	0 ~ 31	
22	R_V-line_Shade_Offset_5	16	0 ~ 31	
23	R_V-line_Shade_Offset_6	16	0 ~ 31	
24	G_V-line_Shade_Offset_1	16	0 ~ 31	
25	G_V-line_Shade_Offset_2	16	0 ~ 31	
26	G_V-line_Shade_Offset_3	16	0 ~ 31	
27	G_V-line_Shade_Offset_4	16	0 ~ 31	
28	G_V-line_Shade_Offset_5	16	0 ~ 31	
29	G_V-line_Shade_Offset_6	16	0 ~ 31	
30	B_V-line_Shade_Offset_1	16	0 ~ 31	
31	B_V-line_Shade_Offset_2	16	0 ~ 31	
32	B_V-line_Shade_Offset_3	16	0 ~ 31	
33	B_V-line_Shade_Offset_4	16	0 ~ 31	
34	B_V-line_Shade_Offset_5	16	0 ~ 31	
35	B_V-line_Shade_Offset_6	16	0 ~ 31	
36	V-line_Shade_Correction_R0	3	0 ~ 255	
37	V-line_Shade_Correction_R1	2	0 ~ 255	
38	V-line_Shade_Correction_R2	0	0 ~ 255	
39	V-line_Shade_Correction_R3	255	0 ~ 255	
40	V-line_Shade_Correction_R4	0	0 ~ 255	
41	V-line_Shade_Correction_G0	3	0 ~ 255	
42	V-line_Shade_Correction_G1	2	0 ~ 255	
43	V-line_Shade_Correction_G2	0	0 ~ 255	
44	V-line_Shade_Correction_G3	255	0 ~ 255	
45	V-line_Shade_Correction_G4	0	0 ~ 255	
46	V-line_Shade_Correction_B0	3	0 ~ 255	
47	V-line_Shade_Correction_B1	2	0 ~ 255	
48	V-line_Shade_Correction_B2	0	0 ~ 255	
49	V-line_Shade_Correction_B3	255	0 ~ 255	
50	V-line_Shade_Correction_B4	0	0 ~ 255	
51	G_LCCOM	163	0 ~ 255	G Common Center Adjustment
52	B_LCCOM	163	0 ~ 255	* Common center adjustment [G]
53	R_LCCOM	163	0 ~ 255	B Common Center Adjustment
54	* Common center adjustment [B]			
55	G_V_COM_CEILING	0	-128 ~ 127	R Common Center Adjustment
56	B_V_COM_CEILING	0	-128 ~ 127	* Common center adjustment [R]
57	R_V_COM_CEILING	0	-128 ~ 127	G Common Center Adjustment (Difference between Normal mode and Ceiling mode)
58				B Common Center Adjustment (Difference between Normal mode and Ceiling mode)
59				R Common Center Adjustment (Difference between Normal mode and Ceiling mode)
Group: 5 DAC				
0	REF_G	105	0 ~ 255	DAC1
1	REF_B	105	0 ~ 255	DAC1
2	REF_R	105	0 ~ 255	DAC1
3	NRSB	155	0 ~ 255	DAC1 NRSB
4	NRSA	100	0 ~ 255	DAC1 NRSA
				* Black Level Adjustment [G]
				* Black Level Adjustment [B]
				* Black Level Adjustment [R]
				* NRS adjustment (High)
				* NRS adjustment (Low)

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
5	G_V1	134	0 ~ 255	DAC2 *: Video center adjustment [G]
6	B_V1	134	0 ~ 255	DAC2 *: Video center adjustment [B]
7	R_V1	134	0 ~ 255	DAC2 *: Video center adjustment [R]
8	G_V2	154	0 ~ 255	DAC2 *: Video center adjustment [G]
9	B_V2	154	0 ~ 255	DAC2 *: Video center adjustment [B]
10	R_V2	154	0 ~ 255	DAC2 *: Video center adjustment [R]
11	G_CLMP	125 / 210 / 210 / 210	0 ~ 255	PC(not RGB Video) / RGB Video / Video, SCART / Component *: Y/G pedestal adjustment
12	B_CLMP	181 / 160 / 220 / 225	0 ~ 255	PC(not RGB Video) / RGB Video / Video, SCART / Component *: Cb/B pedestal adjustment
13	R_CLMP	184 / 160 / 220 / 225	0 ~ 255	PC(not RGB Video) / RGB Video / Video, SCART / Component *: Cr/R pedestal adjustment
14	SGAIN +	-	0 ~ 255	
15	SGAIN -	128	0 ~ 255	
16	LF_LEV	255 / 255 / 255 / 0 / 0	0 ~ 255	SCART / RGB-480i,575i / YCbCr-480i,575i / VIDEO,S-VIDEO / Others
17	DAC_VRB	35	0 ~ 255	
18	DAC_GY	110 / 115 / 115	0 ~ 255	Composite, SCART / Component / RGB Video *: A/D reference voltage top adjustment
19	DAC_BCB	110 / 115 / 115	0 ~ 255	Composite, SCART / Component / RGB Video
20	DAC_RCR	110 / 115 / 115	0 ~ 255	Composite, SCART / Component / RGB Video
Group: 6 TC90A69F				
0	Y_EQ_GAIN	3	0 ~ 3	
1	Y_EQ_N_C_LIM	3	0 ~ 3	
2	V-ENH_GAIN	4	0 ~ 7	
3	V_ENH_CORING	2	0 ~ 3	
4	NTSC443_SW	1	0 ~ 1	0 : NTSC4.43 1 : PAL60 (Available for NTSC4.43)
Group: 10 Option				
0	Lamp Time Monitor	-	0 ~ 8738	Read only
1	RS232C Baudrate	0	0 ~ 1	0: 19200bps 1: 9600bps
2	Shootout Mode	0	0 ~ 1	0: Disable 1: Enable
3	Cooling Time	3	0 ~ 15	Set cooling period, 1: 30 sec. 3: 90 sec. 15: 450 sec. 0: continuos
4	Hi-Land SW	0	0 ~ 1	0: Normal 1: Highland mode (Fan spin speed max.)
5	V-Douki SW	0	0 ~ 1	0: Synchronized Vertical 1: non-synchronized Vertical
6	Lamp Total Time	-	0 ~ 65535	Read only
7	Net Board RESET	1	0 ~ 1	0: Disable 1: Enable
8	Keystone Option	0	0 ~ 1	0: Maximum correction (fix) 1: Changeable for Input signal
9	Syukka SW	0	0 ~ 10	Set 10 to Shipping Condition
10	Color Shading SW	1	0 ~ 1	0: OFF 1: ON
11	RC Enable/Disable	0	0 ~ 3	0: Both enable 1: Front Disable 2: Rear Disable 3: Both Disable
12	Lamp Dim Level	15	0 ~ 15	0: the darkest 1: the brightest
13	Lamp Warning Time	1500	0 ~ 65535	Unit = hour
14	Forced NOBRAND	0	0 ~ 1	0: Normal 1: No brand
15	Forced Video Mute Off	0	0 ~ 1	0: Video Mute ON 1: Video Mute OFF
16	ANZEN FAN Control Fix SW	0	0 ~ 4	0: Normal 1: Normal min. 2: Normal max 3: Eco min. 4: Eco max
17	DJTR_SW	-	-	Not used
18	HDCP Option	0	0 ~ 3	0: XGA 1: Not XGA
19	HDCP Reset	0	0 ~ 10	Set 10 and write EDID Data for HDCP
Group: 11 FAN (Fan Control)				
0	FAN_TEMP_A_WARNING	460	30 ~ 1000	Temperature to judge abnormal A (Not memorized) Inside projector
1	FAN_TEMP_B_WARNING	800	30 ~ 1000	Temperature to judge abnormal A (Not memorized) Lamp
2	FAN_TEMP_C_WARNING	510	30 ~ 1000	Temperature to judge abnormal A (Not memorized) LCD Panel
3	FAN_TEMP_B-A_WARNING	520	0 ~ 1000	
4	FAN_TEMP_C-A_WARNING	200	0 ~ 1000	
5	FAN_CONTROL_SW	0	0 or 1	0: Auto-control all Fans 1: Manual control all Fans
6	FAN1 Manual Out	1350	0 ~ 2000	These are effective when FAN_CONTROL_SW is set to "1".
7	FAN2 Manual Out	1350	0 ~ 2000	
8	FAN4 Manual Out	1350	0 ~ 2000	
9	FAN5 Manual Out	1350	0 ~ 2000	
10	FAN6 Manual Out	1350	0 ~ 2000	
11	FAN7 Manual Out	1350	0 ~ 2000	
12	FAN1 Now Out	-		Read only Reading voltage of each Fan
13	FAN2 Now Out	-		
14	FAN4 Now Out	-		
15	FAN5 Now Out	-		
16	FAN6 Now Out	-		
17	FAN7 Now Out	-		
18	Temp Monitor A	-	-	Read only
19	Temp Monitor B	-	-	
20	Temp Monitor C	-	-	
21	Pressure Monitor	-	-	Read only
22	FAN BALLAST_SW	0	0 or 1	Fan control depend on Ballast Output Voltage 0: OFF 1: ON
23	Service Target MODE	-1	-1 ~ 3	-1: Current Mode 0: Normal Mode 1: Eco Mode
24	Service Target FAN	0	0 ~ 5	Service target 0: FAN1 1: FAN2 2: FAN4 3: FAN5 4: FAN6 5: FAN7 *: Fan adjustment [Setting]
25	Control Switch	0		Control Switch for the operated Fan 0: Auto 1: Manual
26	Temp Source Range High	400		Control range of Temperature for Temperature Sensor A
27	Temp Source Range Low	330		

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
28	Temp Fan-Out Range High	1350 / 1000		Control range of Fan control voltage by Temperature Sensor A
29	Temp Fan-Out Range Low	780 / 700 / 1000		
30	Diff (UP)Src Range High	180		Difference of temperature between temp-A and temp-C for Fan additional voltage (upward)
31	Diff (UP)Src Range Low	150		
32	Diff(DWN)Src Range High	80		Difference of temperature between temp-A and temp-C for Fan additional voltage (downward)
33	Diff(DWN)Src Range Low	60		
34	Press Source Range Low			Control range of Pressure Sensor
35	Press Source Range High			
36	Press FanAdd Range High	0		Control range of Fan additional voltage by Pressure sensor
37	Press FanAdd Range Low	500		
38	Ceiling-Add			Fan additional voltage when ceiling
39	Fan Out Limit Volt MAX	1400		Limit voltage of current Fan output voltage
40	Fan Out Limit Volt MIN.	650		
41	Fan Out Limit DAC MAX		0 ~ 255	Limit of DAC output for current Fan
42	Fan Out Limit DAC MIN.		0 ~ 255	
43	Manual Out		0 ~ 2000	Output voltage of current Fan at manual mode
44	Now Out	-		Reading voltage of current Fan
Group: 12 PC Real / AV Cinema				
0	PC Real Contrast	32	0 ~ 63	
1	PC Real Brightness	32	0 ~ 63	
2	PC Real Color	32	0 ~ 63	
3	PC Real Tint	32	0 ~ 63	
4	PC Real Red	32	0 ~ 63	
5	PC Real Green	30	0 ~ 63	
6	PC Real Blue	29	0 ~ 63	
7	PC Real Sharpness	0	0 ~ 31	
8	PC Real Gamma	8	0 ~ 15	
9	PC Real N.R.	1	0 ~ 2	
10	PC Real PROGRESSIVE	1	0 or 1	
11	AV Cinema Contrast	32	0 ~ 63	
12	AV Cinema Brightness	32	0 ~ 63	
13	AV Cinema Color	32	0 ~ 63	
14	AV Cinema Tint	32	0 ~ 63	
15	AV Cinema Red	32	0 ~ 63	
16	AV Cinema Green	30	0 ~ 63	
17	AV Cinema Blue	29	0 ~ 63	
18	AV Cinema Sharpness	15	0 ~ 31	
19	AV Cinema Gamma	8	0 ~ 15	
20	AV Cinema N.R.	1	0 ~ 2	
21	AV Cinema PROGRESSIVE	1	0 or 1	
Group: 20 IP_Converter				
0	IMAGE_IN_FUNC_POL	0/0/0/0/0/0/0/0/0/0/0/0	0 or 1	000-b4 (reg 0) NTSC / PAL / 480p / 575p / 1035i / 1080i / 1080i50 / 720p / 480i / 575i
1	IMAGE_IN_HD_SEL	1/1/1/1/1/1/1/1/1/1/1/1	0 or 1	000-b3
2	IMAGE_IN_HD_POL	1/1/1/1/1/1/1/1/1/1/1/1	0 or 1	000-b2
3	IMAGE_IN_VD_POL	1/1/1/1/1/1/1/1/1/1/1/1	0 or 1	000-b1
4	IMAGE_IN_LPF_SEL	0/0/0/0/0/0/0/0/0/0/0/0	0 or 1	000-b0
5	IMAGE_OUT_CLK_POL	0/0/0/0/0/0/0/0/0/0/0/0	0 or 1	001-b5
6	IMAGE_OUT_HD_POL	0/0/0/0/0/0/0/0/0/0/0/0	0 or 1	001-b4
7	IMAGE_OUT_VD_POL	0/0/0/0/0/0/0/0/0/0/0/0	0 or 1	001-b3
8	IMAGE_OUT_CS_SEL	0/0/0/0/0/0/0/0/0/0/0/0	0 or 1	001-b2
9	IMAGE_OUT_DEMUX	1/1/1/1/1/1/1/1/1/1/1/1	0 or 1	001-b1
10	IMAGE_OUT_THROUGH	0/0/1/0/0/0/0/0/0/0/0/0	0 or 1	001-b0
11	IMAGE_IN_TOTAL_H	Same as G510 - G517	0 ~ 2047	002 / 003 Same as G510 - G517 Read only
12	IMAGE_IN_START_H	190/ 200/ 184/ 208/ 136/ 137/ 96/ 237/ 190/ 205	0 ~ 2047	004 / 005
13	IMAGE_IN_SIZE_H	9/10/9/9/8/8/10/10/9/10	0 ~ 15	006
14	IMAGE_IN_START_V,	10 / 15 / 32 / 26 / 13/ 10 / 10 / 20 / 10 / 16	0 ~ 1023	007 / 008
15	IMAGE_IN_SIZE_V,	250 / 295 / 490 / 545 / 545 / 545 / 725 / 250 / 296	0 ~ 1023	009 / 010
16	CLAMP_H,	100 / 130 / 112 / 123 / 56 / 58 / 107 / 115 / 130 / 113 / 123 / 56 / 58 / 107 / 115 / 130	0 ~ 2047	011 / 012 NTSC / PAL / Comp480p / Comp575p / Comp1035i / Comp1080i,1080i50 / Comp720p / Comp480i / Comp575i / RGB480p / RGB575p / RGB1035i / RGB1080i,1080i50 / RGB720p / RGB480i / RGB575i
17	CLAMP_L,	140 / 160 / 142 / 158 / 81 / 83 / 161 / 145 / 160 / 143 / 158 / 81 / 83 / 161 / 145 / 160	0 ~ 2047	013 / 014
18	IMAGE_OUT_DELAY_H,	-	0 ~ 2047	015 / 016 (reg 2) NTSC / PAL / 480p / 575p / 1035i / 1080i,1080i50 / 720p / 480i / 575i

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
19	SYNC_OUT_DELAY_H,	-	0 ~ 2047 Read only	017 / 018
20	SYNC_OUT_DELAY_V,	-	0 ~ 2047 Read only	019 / 020
21	IMAGE_OUT_START_H,	0	Set 0	021 / 022
22	IMAGE_OUT_END_H,	2047	Set 2047	023 / 024
23	IMAGE_OUT_START_V,	0/0/0/0/0/0/0/0	0 ~ 2047	025 / 026 + F440
24	IMAGE_OUT_END_V,	517 / 618 / 1038 / 1250 / 1119 / 1119 / 1490 / 517 / 618	0 ~ 2047	027 / 028
25	G_Y_IN_OS,	0 / 0	0 ~ 255	029 (reg 3) Not_RGB / RGB
26	B_CB_IN_OS,	128 / 0	0 ~ 255	030
27	R_CR_IN_OS,	128 / 0	0 ~ 255	031
28	G2Y,	256 / 150	0 ~ 1023	032 / 033 (reg 4) Not_RGB / RGB
29	B2Y,	0 / 29	0 ~ 1023	034 / 035
30	R2Y,	0 / 77	0 ~ 1023	036 / 037
31	G2CB,	0 / 939	0 ~ 1023	038 / 039
32	B2CB,	256 / 128	0 ~ 1023	040 / 041
33	R2CB,	0 / 983	0 ~ 1023	042 / 043
34	G2CR,	0 / 917	0 ~ 1023	044 / 045
35	B2CR,	0 / 1003	0 ~ 1023	046 / 047
36	R2CR,	256 / 128	0 ~ 1023	048 / 049
37	HUE_M,	37 / 35	0 ~ 255	050
38	GAIN_M,	0 / 0	0 ~ 127	051
39	DG_M_R,	0 / 0	0 ~ 63	052 (reg 4) Not_RGB / RGB
40	HUE_R,	77 / 73	0 ~ 255	053
41	GAIN_R,	0 / 0	0 ~ 127	054
42	DG_R_Y,	0 / 0	0 ~ 63	055
43	HUE_Y,	121 / 124	0 ~ 255	056
44	GAIN_Y,	0 / 0	0 ~ 127	057
45	DG_Y_G,	0 / 0	0 ~ 63	058
46	HUE_G,	165 / 163	0 ~ 255	059
47	GAIN_G,	0 / 0	0 ~ 127	060
48	DG_G_C,	0 / 0	0 ~ 63	061
49	HUE_C,	205 / 201	0 ~ 255	062
50	GAIN_C,	0 / 0	0 ~ 127	063
51	DG_C_B,	0 / 0	0 ~ 63	064
52	HUE_B,	249 / 252	0 ~ 255	065
53	GAIN_B,	0 / 0	0 ~ 127	066
54	DG_B_M,	0 / 0	0 ~ 63	067
55	DNR_Y_NOISE_TH,	8 / 8	0 ~ 255	068 (reg 5) DNR-OFF / DNR-ON
56	DNR_Y_SENSE,	0 / 6	0 ~ 15	069
57	DNR_Y_MOTION_TH,	0 / 0	0 ~ 255	070
58	DNR_Y_MOTION_SLOPE,	4 / 4	0 ~ 7	071
59	DNR_Y_MOTION_F2_F0,	0 / 0	0 ~ 3	072
60	DNR_Y_MOTION_F4_F2,	3 / 3	0 ~ 3	073
61	DNR_C_NOISE_TH,	8 / 8	0 ~ 255	074
62	DNR_C_SENSE,	0 / 8	0 ~ 255	075
63	DNR_C_MOTION_TH,	0 / 0	0 ~ 255	076
64	DNR_C_MOTION_SLOPE,	4 / 4	0 ~ 7	077
65	DNR_C_MOTION_F2_F0,	0 / 0	0 ~ 3	078
66	DNR_C_MOTION_F4_F2,	3 / 3	0 ~ 3	079
67	IP_DEBUG,	0 / 0 / 0	0 ~ 7	080 (reg 6) IP-ON=NTSC,PAL,1035i,1080i,1080i50 /
68	IP_CTL_Y,	0 / 1 / 1	0 or 1	081-1 IP-ON&OFF=720p,480p,575p /
69	IP_CTL_C,	1 / 1 / 1	0 or 1	081-0 IP-OFF=NTSC,PAL,1035i,1080i,1080i50
70	IP_DIR,	10 / 0 / 0	0 ~ 15	082 (reg 7) IP-ON=NTSC,PAL /
71	IP_VAR_GAI,	8 / 0 / 0	0 ~ 15	083 IP-ON=1035i,1080i,1080i50 / IP-ON&OFF=720p,480p,575p /
72	IP_BPF_CORR,	4 / 0 / 0	0 ~ 255	084 IP-OFF=NTSC,PAL,1035i,1080i,1080i50
73	IP_BPF_GAIN,	32 / 0 / 0	0 ~ 63	085
74	IP_REL_H_GAIN,	63 / 0 / 0	0 ~ 63	086
75	IP_REL_V_GAIN,	63 / 0 / 0	0 ~ 63	087
76	MOTION_LPF_SEL,	7 / 7 / 7 / 7 / 7 / 7	0 ~ 7	088 (reg 8) DNR-ON=NTSC,PAL / DNR-OFF=NTSC,PAL / 1035i,1080i,1080i50 / 720p,480p,575p /
77	MOTION_TH_MIN.,	8 / 8 / 8 / 22 / 22 / 22	0 ~ 255	089 L2&&DNR-ON =NT,PAL/L2&&DNR-OFF=NT,PAL/L2=1035i,1080i,1080i50/L2=720p,480p,575p
78	MOTION_TH_MAX,	16 / 16 / 16 / 16 / 38 / 38 / 38 / 38	0 ~ 255	090
79	MOTION_TH_DL,	8 / 12 / 8 / 8 / 12 / 8 / 8	0 ~ 255	091
80	MOTION_WEIGHT_0,	9 / 9 / 9 / 9 / 9 / 9 / 9	0 ~ 15	092
81	MOTION_WEIGHT_1,	8 / 8 / 8 / 8 / 8 / 8 / 8	0 ~ 15	093
82	MOTION_WEIGHT_2,	7 / 7 / 7 / 7 / 7 / 7 / 7	0 ~ 15	094
83	MOTION_WEIGHT_3,	6 / 6 / 6 / 6 / 6 / 6 / 6	0 ~ 15	095
84	MOTION_WEIGHT_4,	5 / 5 / 5 / 5 / 5 / 5 / 5	0 ~ 15	096
85	MOTION_WEIGHT_5,	4 / 4 / 4 / 4 / 4 / 4 / 4	0 ~ 15	097

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
86	MOTION_WEIGHT_6,	3/ 3/ 3/ 3/ 3/ 3/ 3/ 3	0 ~ 15	098
87	MOTION_WEIGHT_7,	2/ 2/ 2/ 2/ 2/ 2/ 2	0 ~ 15	099
88	MOTION_WEIGHT_8,	1/ 1/ 1/ 1/ 1/ 1/ 1	0 ~ 15	100
89	MOTION_SUM_0,	20/ 20/ 0/ 0/ 20/ 20/ 0	0 ~ 1023	101
90	MOTION_SUM_1,	32/ 32/ 9/ 9/ 32/ 32/ 9/ 9	0 ~ 1023	103
91	MOTION_SUM_2,	86/ 86/ 0/ 0/ 86/ 86/ 0/ 0	0 ~ 1023	105
92	MOTION_SUM_3,	110/ 110/ 63/ 63/ 110/ 110/ 63/ 63	0 ~ 1023	107
93	PEAK_V_LPF_SEL,	1	0 or 1	109 (reg 9) fix
94	PEAK_V_CORR,	0	0 ~ 255	110
95	PEAK_V_GAIN,	-	0 ~ 63	111 Read only
96	PEAK_V_GAIN_TH,	0	0 ~ 255	112
97	PEAK_V_GAIN_SLOPE,	0	0 ~ 7	113
98	PEAK_V_MAX,	255	0 ~ 255	114
99	TI_Y_TH_MIN.,	1	0 ~ 255	115
100	TI_Y_TH_MAX,	255	0 ~ 255	116
101	TI_Y_CORR,	1	0 ~ 255	117
102	TI_Y_GAIN,	1	0 ~ 63	118
103	TI_Y_GAIN_TH,	0	0 ~ 255	119
104	TI_Y_GAIN_SLOPE,	0	0 ~ 7	120
105	TI_Y_GAIN_SEL,	1	0 ~ 7	121
106	TI_C_TH_MIN.,	0	0 ~ 255	122
107	TI_C_TH_MAX,	0	0 ~ 255	123
108	TI_C_CORR,	0	0 ~ 255	124
109	TI_C_GAIN,	0	0 ~ 63	125 (reg 9) fix
110	TI_C_GAIN_TH,	0	0 ~ 7	126
111	TI_C_GAIN_SLOPE,	0	0 ~ 7	127
112	TI_C_GAIN_SEL,	0	0 ~ 7	128
113	PEAK_H_BPF_SEL,	0/1	0 ~ 3	129 (reg A) NTSC,PAL,480p,575p / 720p,1035i,1080i,1080i50
114	PEAK_H_CORR,	3/0	0 ~ 255	130
115	PEAK_H_GAIN,	-/-	0 ~ 63	131
116	PEAK_H_GAIN_TH,	0/0	0 ~ 255	132
117	PEAK_H_GAIN_SLOPE,	2/2	0 ~ 7	133
118	PEAK_H_GAIN_SEL,	1/1	0 ~ 3	134
119	PEAK_H_MAX,	255/255	0 ~ 255	135
120	Y2G,	-/-	0 ~ 1023	136 / 137 (reg B) NTSC,PAL,480p,575p / 1035i,1080i,1080i50,720p
121	CB2G,	-/-	0 ~ 1023	138 / 139
122	CR2G,	-/-	0 ~ 1023	140 / 141
123	Y2B,	-/-	0 ~ 1023	142 / 143
124	CB2B,	-/-	0 ~ 1023	144 / 145
125	CR2B,	-/-	0 ~ 1023	146 / 147
126	Y2R,	-/-	0 ~ 1023	148 / 149
127	CB2R,	-/-	0 ~ 1023	150 / 151
128	CR2R,	-/-	0 ~ 1023	152 / 153
129	G_Y_OUT_OS,	0	0 ~ 255	154 (reg C) fix
130	G_Y_OUT_MIN.,	0	0 ~ 255	155
131	G_Y_OUT_DC,	0	0 ~ 255	156
132	G_Y_OUT_MAX,	255	0 ~ 255	157
133	B_CB_OUT_OS,	0	0 ~ 255	158
134	B_CB_OUT_MIN.,	0	0 ~ 255	159
135	B_CB_OUT_DC,	0	0 ~ 255	160
136	B_CB_OUT_MAX,	255	0 ~ 255	161
137	R_CR_OUT_OS,	0	0 ~ 255	162
138	R_CR_OUT_MIN.,	0	0 ~ 255	163
139	R_CR_OUT_DC,	0	0 ~ 255	164
140	R_CR_OUT_MAX,	255	0 ~ 255	165
141	CINEMA_START_H,	0/0/0	0 ~ 255	166 (reg D) IP-ON=NTSC / IP-ON=NTSC / IP-OFF
142	CINEMA_SIZE_H,	160/0/0	0 ~ 255	167
143	CINEMA_START_V,	1/0/0	0 ~ 255	168
144	CINEMA_SIZE_V,	60/0/0	0 ~ 255	169
145	CINEMA_MOTION_TH,	16/0/0	0 ~ 255	170
146	CINEMA_DET_TH,	384/0/0	0 ~ 65535	171 / 172
147	CINEMA_DET_FIELD,	7/0/0	0 ~ 7	173
148	CINEMA_CTL_SWAP,	20/0/0	0 ~ 31	174
149	CINEMA_CTL_Y,	0/1/1	0 or 1	175-1
150	CINEMA_CTL_C,	1/1/1	0 or 1	175-0
151	EXT_CINEMA_DET,	0/0/0	0 or 1	176-2
152	EXT_CINEMA_MODE,	0/0/0	0 or 1	176-1
153	EXT_CINEMA_SWAP,	0/0/0	0 or 1	176-0
154	STINT	0/0/0	0 ~ 31	177 (reg E) without RGB = NTSC,PAL,480p,575p / without RGB = 720p,1035i,1080i,1080i50 / RGB
155	SCOL	140 / 140 / 180	0 ~ 255	178
156	CB2B_STD	454 / 454 / 454	0 ~ 1023	179 / 180

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
157	CR2B_STD	0 / 0 / 0	0 ~ 1023	181 / 182
158	CB2R_STD	0 / 0 / 0	0 ~ 1023	183 / 184
159	CR2R_STD	359 / 359 / 359	0 ~ 1023	185 / 186
160	CB2G_STD	1015 / 105 / 1015	0 ~ 1023	187 / 188
161	CR2G_STD	842 / 842 / 842	0 ~ 1023	189 / 190
162	S_SHP	8 / 10 / 0	0 ~ 63	191
Group: 21 IP (MB40C348)				
0	V_AMP	0	0 or 1	adr0-2
1	DSEL	1	0 or 1	adr0-1
2	CE	0	0 or 1	adr0-0
3	COUNTER_W	64	0 ~ 4095	adr1,adr2(3-0)
4	ADC_OUT	0	0 or 1	adr3-7
5	HSYNC_POL	1	0 or 1	adr3-6
6	CLK_DELAY	0	0 ~ 63	adr3(5-0)
7	DSYNC_DELAY	1	0 ~ 3	adr4(7-6)
8	ADCLK_B	1	0 or 1	adr4-5
9	ADCLK_A	1	0 or 1	adr4-4
10	DSYNC_B	1	0 or 1	adr4-3
11	DSYNC	1	0 or 1	adr4-2
12	CLK_B	1	0 or 1	adr4-1
13	CLK	1	0 or 1	adr4-0
14	DIVIDER	0	0 ~ 3	adr5(7-6)
15	VCO_CHG	0	0 or 1	adr5-5
16	CURRENT	0	0 or 3	adr5(4-3)
17	counter	1	0 or 1	adr5-2
18	out_clk	0	0 or 1	adr5-1
19	clk_chb	1	0 or 1	adr5-0
Group: 22 ICS1523				
0	ICS_R0_EnDLS	0/ 0/ 0/ 0/ 0/ 0/ 0	0 ~ 1	R0
1	ICS_R0_EnPLS	1/ 1/ 1/ 1/ 1/ 1/ 1	0 ~ 1	NTSC & 480i / PAL & SECAM & 525i / 1035i / 1080i60 / 1080i50 / 720p / 480p / 575p
2	ICS_R0_Func_Sel	0/ 0/ 0/ 0/ 0/ 0/ 0	0 ~ 1	
3	ICS_R0_Fbk_Sel	0/ 0/ 0/ 0/ 0/ 0/ 0	0 ~ 1	
4	ICS_R0_Fbk_Pol	0/ 0/ 0/ 0/ 0/ 0/ 0	0 ~ 1	
5	ICS_R0_Ref_Pol	1/ 1/ 1/ 1/ 1/ 1/ 1	0 ~ 1	
6	ICS_R0_PD_Pol	1/ 1/ 1/ 1/ 1/ 1/ 1	0 ~ 1	
7	ICS_R0_Pden	0/ 0/ 0/ 0/ 0/ 0/ 0	0 ~ 1	
8	ICS_R1_PSD	2/ 2/ 0/ 0/ 0/ 0/ 0	0 ~ 3	R1 (Left Data : Progressive = ON , Right Data : Progressive = OFF)
9	ICS_R1_PFD	6/ 6/ 6/ 6/ 5/ 5/ 5	0 ~ 7	NTSC & 480i / PAL & SECAM & 525i / 1035i / 1080i60 / 1080i50 / 720p / 480p / 575p
10	ICS_R3_FBD	2600/ 2654/ 2458/ 2458 2866/ 1343/ 1273/ 1276	0 ~ 8191	R3_R2 NTSC & 480i / PAL & SECAM & 525i / 1035i / 1080i60 / 1080i50 / 720p / 480p / 575p
11	ICS_R4_Fil_Sel	0	0 ~ 1	R4
12	ICS_R4_DPA_OS	0	0 ~ 63	NTSC & 480i / PAL & SECAM & 525i / 1035i & 1080i60 & 1080i50 / 720p & 480p & 575p
13	ICS_R5_Mask_Rev	0	0 ~ 63	R5
14	ICS_R5_DPA_Res	0	0 ~ 3	NTSC & 480i / PAL & SECAM & 525i / 1035i & 1080i60 & 1080i50 / 720p & 480p & 575p
15	ICS_R6_Out_Scl	0	0 ~ 3	R6
16	ICS_R6_Ck2_Inv	0	0 ~ 1	NTSC & 480i / PAL & SECAM & 525i / 1035i & 1080i60 & 1080i50 / 720p & 480p & 575p
17	ICS_R6_OE_F	1	0 ~ 1	
18	ICS_R6_OE_T2	0	0 ~ 1	
19	ICS_R6_OE_P2	0	0 ~ 1	
20	ICS_R6_OE_Tck	0	0 ~ 1	
21	ICS_R6_OE_Pck	1	0 ~ 1	
22	ICS_R7_In_Sel	0	0 ~ 1	R7
23	ICS_R7_Osc_Div	0	0 ~ 127	NTSC & 480i / PAL & SECAM & 525i / 1035i & 1080i60 & 1080i50 / 720p & 480p & 575p
24	ICS_R8_PLL	0	0 ~ 15	R8
25	ICS_R8_DPA	10	0 ~ 15	NTSC & 480i / PAL & SECAM & 525i / 1035i & 1080i60 & 1080i50 / 720p & 480p & 575p
Group: 30 SAM3				
0	SAM3_AREA_DISP_ON_ud	0	0 ~ 1	Aperture compensation Area Display 0: OFF 1: ON
1	SAM3_SA_ON_ud	0	0 ~ 1	Y signal converter switch 0: OFF 1: ON
2	SAM3_MONI_SEL_ON_ud	0	0 ~ 1	CPU data monitor switch 0: OFF 1: ON
3	SAM3_SHP_EN_SET_ud	194	0 ~ 4095	Set aperture compensation effective period
4	SAM3_SHP_EN_RST_ud	1538	0 ~ 4095	Reset aperture compensation effective period
5	SAM3_Area_ON_Pic_LEVEL	31	0 ~ 255	
6	SAM3_Area_ON_Pic_MON	0	0 ~ 1	
7	SAM3_ColoM_Point_MON	0	0 ~ 1	
8	SAM3_TURBO_OFF_GAIN	0	0 ~ 255	
9	SAM3_TURBO_ON_GAIN	25	0 ~ 255	
Group: 31 SAM3 Enhancer				
0	SAM3_ENH_PC_ON/OFF	0	0 ~ 1	Enhancer for PC 0: Disable 1: Enable
1	SAM3_ENH_AV_ON/OFF	0	0 ~ 1	Enhancer for AV 0: Disable 1: Enable
2	SAM3_ENH_Change_L_ud	17	0 ~ 100	Enhancer
3	SAM3_ENH_CORE_L_ud	63	0 ~ 127	
4	SAM3_ENH_DNR_Y_ud	64	0 ~ 1023	

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
5	SAM3_AB_ON_ud	3	0 ~ 3	
6	SAM3_EGE_ud	0	0 ~ 3	
7	SAM3_Enh_Hset_PC_X_ud	18	0 ~ 255	
8	SAM3_Enh_Hrst_PC_X_ud	138	0 ~ 255	
9	SAM3_Enh_Vset_PC_X_ud	0	0 ~ 255	
10	SAM3_Enh_Vrst_PC_X_ud	97	0 ~ 255	
11	SAM3_Enh_Hset_PC_F_ud	18	0 ~ 255	
12	SAM3_Enh_Hrst_PC_F_ud	138	0 ~ 255	
13	SAM3_Enh_Vset_PC_F_ud	12	0 ~ 255	
14	SAM3_Enh_Vrst_PC_F_ud	85	0 ~ 255	
15	SAM3_Enh_Hset_PC_V_ud	68	0 ~ 255	
16	SAM3_Enh_Hrst_PC_V_ud	115	0 ~ 255	
17	SAM3_Enh_Vset_PC_V_ud	18	0 ~ 255	
18	SAM3_Enh_Vrst_PC_V_ud	79	0 ~ 255	
19	SAM3_Enh_Hset_AV_F_ud	18	0 ~ 255	
20	SAM3_Enh_Hrst_AV_F_ud	138	0 ~ 255	
21	SAM3_Enh_Vset_AV_F_ud	12	0 ~ 255	
22	SAM3_Enh_Vrst_AV_F_ud	85	0 ~ 255	
23	SAM3_Enh_Hset_AV_Z_ud	-	0 ~ 255	
24	SAM3_Enh_Hrst_AV_Z_ud	-	0 ~ 255	
25	SAM3_Enh_Vset_AV_Z_ud	-	0 ~ 255	
26	SAM3_Enh_Vrst_AV_Z_ud	-	0 ~ 255	
27	SAM3_Enh_Hset_AV_N_ud	18	0 ~ 255	
28	SAM3_Enh_Hrst_AV_N_ud	138	0 ~ 255	
29	SAM3_Enh_Vset_AV_N_ud	0	0 ~ 255	
30	SAM3_Enh_Vrst_AV_N_ud	97	0 ~ 255	
31	SAM3_Enh_PC_LEVEL0	0	0 ~ 31	
32	SAM3_Enh_PC_LEVEL1	21	0 ~ 31	
33	SAM3_Enh_PC_LEVEL2	21	0 ~ 31	
34	SAM3_Enh_PC_AREA_HS	0	0 ~ 3	
35	SAM3_Enh_PC_AREA_VS	3	0 ~ 7	
36	SAM3_Enh_PC_AREA_HE	3	0 ~ 3	
37	SAM3_Enh_PC_AREA_VE	5	0 ~ 7	
38	SAM3_Enh_PC_AREA1	50	0 ~ 655	
39	SAM3_Enh_PC_AREA2	50	0 ~ 655	
40	SAM3_Enh_AV_LEVEL0	23	0 ~ 31	
41	SAM3_Enh_AV_LEVEL1	23	0 ~ 31	
42	SAM3_Enh_AV_LEVEL2	22	0 ~ 31	
43	SAM3_Enh_AV_AREA_HS	1	0 ~ 3	
44	SAM3_Enh_AV_AREA_VS	0	0 ~ 7	
45	SAM3_Enh_AV_AREA_HE	2	0 ~ 3	
46	SAM3_Enh_AV_AREA_VE	7	0 ~ 7	
47	SAM3_Enh_AV_AREA1	0	0 ~ 655	
Group: 32 SAM3 Auto Picture				
0	SAM3_Cont_ON/OFF	1	0 ~ 2	Enable Flag 0 : Disable 1 : Enable(recovery) 2 : Enable(re-judgement)
1	SAM3_Cont_L1_MD1_L	3	0 ~ 31	
2	SAM3_Cont_L1_MD2_L	3	0 ~ 31	
3	SAM3_Cont_L1_MD3_L	3	0 ~ 31	
4	SAM3_Cont_L2_MD1_L	5	0 ~ 31	
5	SAM3_Cont_L2_MD2_L	5	0 ~ 31	
6	SAM3_Cont_L2_MD3_L	5	0 ~ 31	
7	SAM3_Cont_OFFSET	10	0 ~ 511	
8	SAM3_Cont_APL_LEVEL	400	0 ~ 511	
9	SAM3_Cont_APL_M_LEVEL	400	0 ~ 511	
10	SAM3_Cont_APL_SPEED	4	1 ~ 64	
11	SAM3_Cont_Chg_LEVEL1	15	0 ~ 127	
12	SAM3_Cont_Chg_LEVEL2	30	0 ~ 127	
13	SAM3_Cont_Hst_PC_X_ud	90	0 ~ 4095	
14	SAM3_Cont_Vst_PC_X_ud	2	0 ~ 4095	
15	SAM3_Cont_Hblk_PC_X_ud	31	0 ~ 63	
16	SAM3_Cont_Vblk_PC_X_ud	23	0 ~ 63	
17	SAM3_Cont_Hst_PC_F_ud	90	0 ~ 4095	
18	SAM3_Cont_Vst_PC_F_ud	97	0 ~ 4095	
19	SAM3_Cont_Hblk_PC_F_ud	31	0 ~ 63	
20	SAM3_Cont_Vblk_PC_F_ud	17	0 ~ 63	
21	SAM3_Cont_Hst_PC_V_ud	283	0 ~ 4095	
22	SAM3_Cont_Vst_PC_V_ud	146	0 ~ 4095	
23	SAM3_Cont_Hblk_PC_V_ud	19	0 ~ 63	
24	SAM3_Cont_Vblk_PC_V_ud	14	0 ~ 63	
25	SAM3_Cont_Hst_AV_F_ud	90	0 ~ 4095	
26	SAM3_Cont_Vst_AV_F_ud	98	0 ~ 4095	
27	SAM3_Cont_Hblk_AV_F_ud	31	0 ~ 63	

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
28	SAM3_Cont_Vblk_AV_F_ud	17	0 ~ 63	
29	SAM3_Cont_Vst_AV/F/V_ud	178	0 ~ 4095	
30	SAM3_Cont_VblkAV/F/V_ud	12	0 ~ 63	
31	SAM3_Cont_Vst_AV/F/V_ud	210	0 ~ 4095	
32	SAM3_Cont_VblkAV/F/V_ud	10	0 ~ 63	
33	SAM3_Cont_Hst_AV_Z_ud	-	0 ~ 4095	
34	SAM3_Cont_Vst_AV_Z_ud	-	0 ~ 4095	
35	SAM3_Cont_Hblk_AV_Z_ud	-	0 ~ 63	
36	SAM3_Cont_Vblk_AV_Z_ud	-	0 ~ 63	
37	SAM3_Cont_Vst_AV/Z/C_ud	-	0 ~ 4095	
38	SAM3_Cont_VblkAV/Z/C_ud	-	0 ~ 63	
39	SAM3_Cont_Hst_AV_N_ud	90	0 ~ 4095	
40	SAM3_Cont_Vst_AV_N_ud	2	0 ~ 4095	
41	SAM3_Cont_Hblk_AV_N_ud	31	0 ~ 63	
42	SAM3_Cont_Vblk_AV_N_ud	23	0 ~ 63	
43	SAM3_Cont_Vst/AV/N/V_ud	98	0 ~ 4095	
44	SAM3_Cont_VblkAV/N/V_ud	17	0 ~ 63	
45	SAM3_Cont_Vst/AV/N/C_ud	162	0 ~ 4095	
46	SAM3_Cont_VblkAV/N/C_ud	13	0 ~ 63	
47	SAM3_Level-up_Mode_EQ	2	0 ~ 16	
Group: 33 SAM3 ColorM (Color Management)				
0	SAM3_COLM_Yrange_ud	8	0 ~ 32	
1	SAM3_COLM_UVphase_ud	6	0 ~ 32	
2	SAM3_COLM_UVcomp_ud	95	50 ~ 100	
3	SAM3_ColM_MinSlope_ud	3	0 ~ 10	
4	SAM3_ColM_MaxSlope_ud	18	10 ~ 30	
5	SAM3_ColM_ConvPT_ud	3	1 ~ 5	
6	SAM3_ColM_BASE_X_ud	24	0 ~ 1024	
7	SAM3_ColM_BASE_Y_ud	1	0 ~ 1024	
8	SAM3_ColM_Get_Y_ud	9	1, 3, 5, 9	
9	SAM3_ColM_Nsh_Yrange	32	0 ~ 64	
10	SAM3_ColM_Fsh_Uvnorm	3	0 ~ 10	
11	SAM3_ColM_Fsh_Uvphase	100	0 ~ 900	
12	SAM3_ColM_Fcut_Uvnorm	50	0 ~ 640	
13	SAM3_ColM_Ncut_MinY	0	0 ~ 127	
14	SAM3_ColM_Ncut_MaxY	255	128 ~ 255	
15	SAM3_ColM_Sci_Col_ud	0	0 ~ 4	
16	SAM3_ColM_View_Yinc_ud	76	0 ~ 128	
17	SAM3_ColM_View_Rinc_ud	4	0 ~ 8	
18	SAM3_ColM_View_Ginc_ud	4	0 ~ 8	
19	SAM3_ColM_View_Binc_ud	4	0 ~ 8	
20	SAM3_ColM_General_ud	98	0 ~ 255	
21	SAM3_ColM_PC_XS_N_ud	0	0 ~ 2048	
22	SAM3_ColM_PC_XE_N_ud	1024	0 ~ 2048	
23	SAM3_ColM_PC_YS_N_ud	0	0 ~ 2048	
24	SAM3_ColM_PC_YE_N_ud	768	0 ~ 2048	
25	SAM3_ColM_PC_XS_N_ud	0	0 ~ 2048	
26	SAM3_ColM_PC_XE_N_ud	1024	0 ~ 2048	
27	SAM3_ColM_PC_YS_N_ud	0	0 ~ 2048	
28	SAM3_ColM_PC_YE_N_ud	768	0 ~ 2048	
29	SAM3_ColM_AV_XS_N_ud	0	0 ~ 2048	
30	SAM3_ColM_AV_XE_N_ud	1024	0 ~ 2048	
31	SAM3_ColM_AV_YS_N_ud	0	0 ~ 2048	
32	SAM3_ColM_AV YE_N_ud	768	0 ~ 2048	
33	SAM3_ColM_AV_XS_N_ud	0	0 ~ 2048	
34	SAM3_ColM_AV_XE_N_ud	1024	0 ~ 2048	
35	SAM3_ColM_AV_YS_N_ud	0	0 ~ 2048	
36	SAM3_ColM_AV YE_N_ud	768	0 ~ 2048	
Group: 40 DIMMER				
0	DIMMER_AREA_HS	27	0 ~ 2047	
1	DIMMER_AREA_HR	1051	0 ~ 2047	
2	DIMMER_AREA_VS	4	0 ~ 2047	
3	DIMMER_AREA_VR	772	0 ~ 2047	
4	DIMMER_CTRL_LEVEL1	75	0 ~ 32767	
5	DIMMER_CTRL_LEVEL2	150	0 ~ 32767	
6	DIMMER_CTRL_LEVEL3	225	0 ~ 32767	
7	DIMMER_CTRL_LEVEL4	300	0 ~ 32767	
8	DIMMER_CTRL_LEVEL5	375	0 ~ 32767	
9	DIMMER_CTRL_LEVEL6	450	0 ~ 32767	
10	DIMMER_CTRL_LEVEL7	525	0 ~ 32767	
11	DIMMER_CTRL_LEVEL8	600	0 ~ 32767	
12	DIMMER_CTRL_LEVEL9	675	0 ~ 32767	

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
13	DIMMER_CTRL_LEVEL10	750	0 ~ 32767	
14	DIMMER_CTRL_LEVEL11	825	0 ~ 32767	
15	DIMMER_CTRL_LEVEL12	900	0 ~ 32767	
16	DIMMER_CTRL_LEVEL13	975	0 ~ 32767	
17	DIMMER_CTRL_LEVEL14	1050	0 ~ 32767	
18	DIMMER_CTRL_LEVEL15	1125	0 ~ 32767	
19	DIMMER_AVERAGE_POINT	4	1 ~ 16	
20	DIMMER_AVERAGE_DATA	-	0 ~	Read only
21	DIMMER_COLOR_DATA	-	0 ~	Read only
22	DIMMER_LEVEL	-	0 ~ 15	Read only
Group: 100 GAMMA				
0	Standard GAMMA 0	0 / 0	0 ~ 1023	PC,DVI standard / AV Standard
1	Standard GAMMA 1	220 / 200	0 ~ 1023	Read only
2	Standard GAMMA 2	300 / 300	0 ~ 1023	
3	Standard GAMMA 3	398 / 418	0 ~ 1023	
4	Standard GAMMA 4	483 / 484	0 ~ 1023	
5	Standard GAMMA 5	549 / 532	0 ~ 1023	
6	Standard GAMMA 6	619 / 600	0 ~ 1023	
7	Standard GAMMA 7	666 / 653	0 ~ 1023	
8	Standard GAMMA 8	705 / 692	0 ~ 1023	
9	Standard GAMMA 9	732 / 721	0 ~ 1023	
10	Standard GAMMA 10	758 / 749	0 ~ 1023	
11	Standard GAMMA 11	788 / 777	0 ~ 1023	
12	Standard GAMMA 12	832 / 813	0 ~ 1023	
13	Standard GAMMA 13	863 / 840	0 ~ 1023	
14	Standard GAMMA 14	970 / 880	0 ~ 1023	
15	Standard GAMMA 15	1023 / 925	0 ~ 1023	
16	Real/Cinema GAMMA 0	0 / 0	-512 ~ 511	PC,DVI Real / AV Cinema
17	Real/Cinema GAMMA 1	80 / 70	-512 ~ 511	Read only (Difference from Standard mode)
18	Real/Cinema GAMMA 2	80 / 65	-512 ~ 511	
19	Real/Cinema GAMMA 3	58 / 12	-512 ~ 511	
20	Real/Cinema GAMMA 4	20 / 2	-512 ~ 511	
21	Real/Cinema GAMMA 5	9 / 6	-512 ~ 511	
22	Real/Cinema GAMMA 6	4 / -1	-512 ~ 511	
23	Real/Cinema GAMMA 7	0 / -9	-512 ~ 511	
24	Real/Cinema GAMMA 8	-5 / -8	-512 ~ 511	
25	Real/Cinema GAMMA 9	-3 / -6	-512 ~ 511	
26	Real/Cinema GAMMA 10	2 / -1	-512 ~ 511	
27	Real/Cinema GAMMA 11	3 / -1	-512 ~ 511	
28	Real/Cinema GAMMA 12	-3 / 0	-512 ~ 511	
29	Real/Cinema GAMMA 13	-1 / 0	-512 ~ 511	
30	Real/Cinema GAMMA 14	-70 / -12	-512 ~ 511	
31	Real/Cinema GAMMA 15	-73 / -25	-512 ~ 511	
Group: 101 COLSHD (Color Shading Correction)				
0	Level R-MID2	442	0 ~ 1023	
1	Level R-MID1	570	0 ~ 1023	
2	Level R-MAX	696	0 ~ 1023	
3	Level G-MID2	442	0 ~ 1023	
4	Level G-MID1	570	0 ~ 1023	
5	Level G-MAX	696	0 ~ 1023	
6	Level B-MID2	442	0 ~ 1023	
7	Level B-MID1	570	0 ~ 1023	
8	Level B-MAX	696	0 ~ 1023	
Group: 500 ADC				
0	ADC G-OFFSET	65	0 ~ 255	※ Pedestal adjustment [G]
1	ADC B-OFFSET	65	0 ~ 255	※ Pedestal adjustment [B]
2	ADC R-OFFSET	65	0 ~ 255	※ Pedestal adjustment [R]
3	ADC G-GAIN	61	0 ~ 255	
4	ADC B-GAIN	63	0 ~ 255	
5	ADC R-GAIN	65	0 ~ 255	
6	ADC BandWidth PC	3	0 ~ 3	
7	ADC BandWidth AV	3	0 ~ 3	
Group: 510 NTSC Gakaku				
0	NTSC TOTAL DOTS	1316	0 ~ 2048	NT
1	NTSC DISP DOTS	1024	0 ~ 2048	
2	NTSC H BACK PORCH	573	0 ~ 2048	
3	NTSC V BACK PORCH	41	0 ~ 2048	
4	NTSC DISP LINE	457	0 ~ 2048	
5	NTSC CLAMP	0	0 ~ 2048	
Group: 511 PAL Gakaku				
0	PAL TOTAL DOTS	1352	0 ~ 2048	PAL
1	PAL DISP DOTS	1024	0 ~ 2048	

Electrical Adjustments

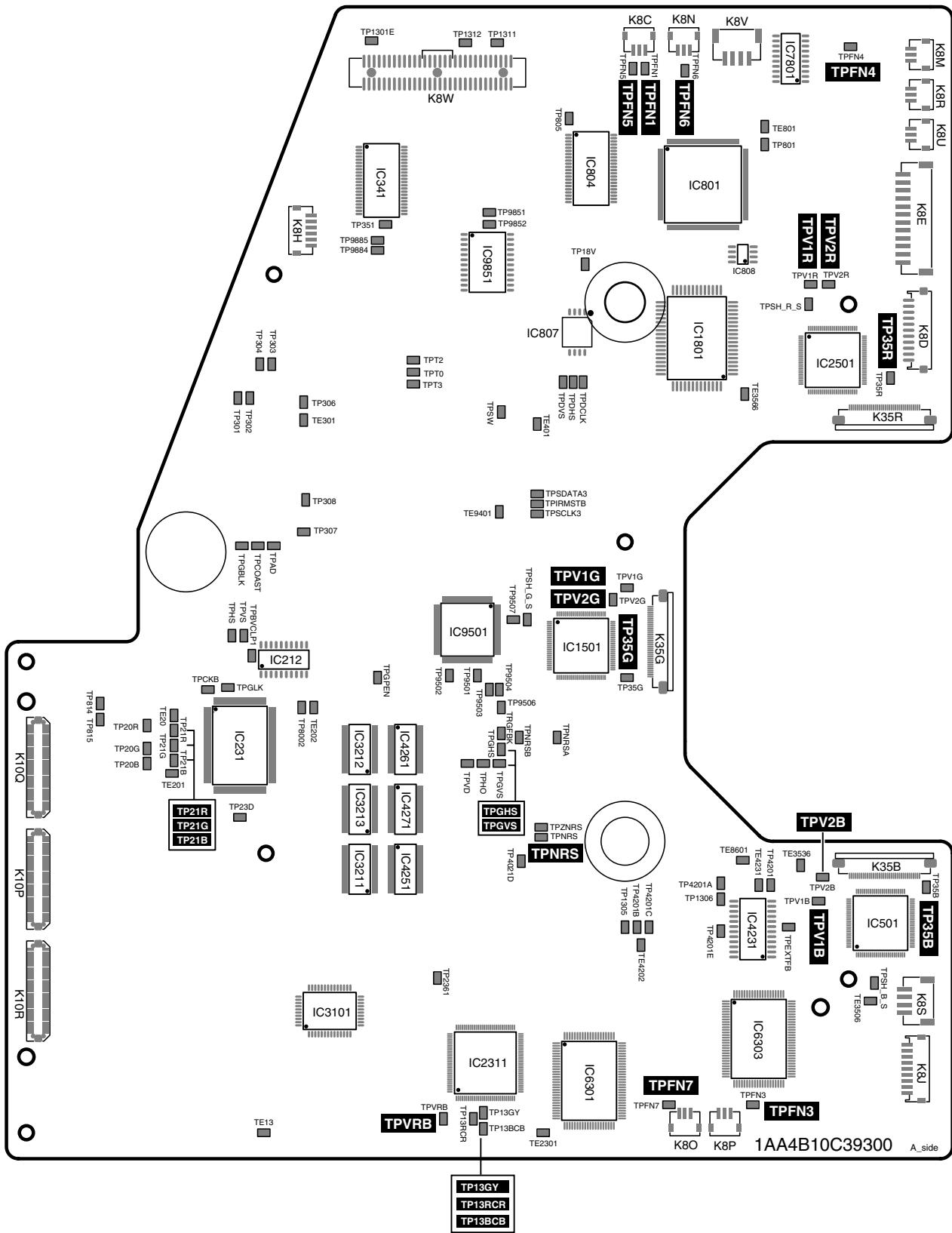
No.	Adjustment Item	Initial Value	Range	Input source / Description
2	PAL H BACK PORCH	665	0 ~ 2048	PAL
3	PAL V BACK PORCH	57	0 ~ 2048	
4	PAL DISP LINE	535	0 ~ 2048	
5	PAL CLAMP	0	0 ~ 2048	
Group: 512 HDTV 1080i-60 Gakaku				
0	TOTAL DOTS	1206	0 ~ 2048	1080i60
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	391	0 ~ 2048	
3	V BACK PORCH	50	0 ~ 2048	
4	DISP LINE	1053	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 513 HDTV 1080i-50 Gakaku				
0	TOTAL DOTS	1444	0 ~ 2048	1080i50
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	386	0 ~ 2048	
3	V BACK PORCH	51	0 ~ 2048	
4	DISP LINE	1050	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 514 HDTV 1035i Gakaku				
0	TOTAL DOTS	1206	0 ~ 2048	1035i
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	415	0 ~ 2048	
3	V BACK PORCH	87	0 ~ 2048	
4	DISP LINE	1012	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 515 HDTV 720p Gakaku				
0	TOTAL DOTS	1352	0 ~ 2048	720p
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	871	0 ~ 2048	
3	V BACK PORCH	54	0 ~ 2048	
4	DISP LINE	702	0 ~ 2048	
5	CLAMP	8	0 ~ 2048	
Group: 516 HDTV 575p Gakaku				
0	TOTAL DOTS	1320	0 ~ 2048	575p
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	858	0 ~ 2048	
3	V BACK PORCH	101	0 ~ 2048	
4	DISP LINE	547	0 ~ 2048	
5	CLAMP	8	0 ~ 2048	
Group: 517 HDTV 480p Gakaku				
0	TOTAL DOTS	1283	0 ~ 2048	480p
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	822	0 ~ 2048	
3	V BACK PORCH	82	0 ~ 2048	
4	DISP LINE	460	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 518 RGB NTSC Gakaku				
0	TOTAL DOTS	1314	0 ~ 2048	RGB NTSC
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	555	0 ~ 2048	
3	V BACK PORCH	40	0 ~ 2048	
4	DISP LINE	459	0 ~ 2048	
5	CLAMP	4	0 ~ 2048	
Group: 519 RGB PAL Gakaku				
0	TOTAL DOTS	1352	0 ~ 2048	RGB PAL
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	651	0 ~ 2048	
3	V BACK PORCH	57	0 ~ 2048	
4	DISP LINE	535	0 ~ 2048	
5	CLAMP	4	0 ~ 2048	
Group: 520 RGB 1080i-60 Gakaku				
0	TOTAL DOTS	1206	0 ~ 2048	RGB 1080i60
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	391	0 ~ 2048	
3	V BACK PORCH	50	0 ~ 2048	
4	DISP LINE	1053	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 521 RGB 1080i-50 Gakaku				
0	TOTAL DOTS	1444	0 ~ 2048	RGB 1080i50
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCH	386	0 ~ 2048	
3	V BACK PORCH	51	0 ~ 2048	

Electrical Adjustments

No.	Adjustment Item	Initial Value	Range	Input source / Description
4	DISP LINE	1050	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 522 RGB 1035i Gakaku				
0	TOTAL DOTS	1206	0 ~ 2048	RGB 1035i
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCTH	415	0 ~ 2048	
3	V BACK PORCTH	87	0 ~ 2048	
4	DISP LINE	1013	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 523 RGB 720p Gakaku				
0	TOTAL DOTS	1352	0 ~ 2048	RGB 720p
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCTH	871	0 ~ 2048	
3	V BACK PORCTH	56	0 ~ 2048	
4	DISP LINE	702	0 ~ 2048	
5	CLAMP	8	0 ~ 2048	
Group: 524 RGB 575p Gakaku				
0	TOTAL DOTS	1320	0 ~ 2048	RGB 575p
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCTH	856	0 ~ 2048	
3	V BACK PORCTH	100	0 ~ 2048	
4	DISP LINE	547	0 ~ 2048	
5	CLAMP	8	0 ~ 2048	
Group: 525 RGB 480p Gakaku				
0	TOTAL DOTS	1283	0 ~ 2048	RGB 480p
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCTH	822	0 ~ 2048	
3	V BACK PORCTH	83	0 ~ 2048	
4	DISP LINE	462	0 ~ 2048	
5	CLAMP	7	0 ~ 2048	
Group: 526 SCART 575i Gakaku				
0	TOTAL DOTS	1352	0 ~ 2048	SCART 575i
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCTH	661	0 ~ 2048	
3	V BACK PORCTH	57	0 ~ 2048	
4	DISP LINE	535	0 ~ 2048	
5	CLAMP	0	0 ~ 2048	
Group: 527 SCART 480i Gakaku				
0	TOTAL DOTS	1314	0 ~ 2048	SCART 480i
1	DISP DOTS	1024	0 ~ 2048	
2	H BACK PORCTH	564	0 ~ 2048	
3	V BACK PORCTH	39	0 ~ 2048	
4	DISP LINE	459	0 ~ 2048	
5	CLAMP	0	0 ~ 2048	
Group: 550 Gakaku Option				
0	480i H Offset	243	0 ~ 255	Horizontal position offset of Component signal
1	575i H Offset	247	0 ~ 255	
2	HDCP Over Scan	0	0 ~ 3	

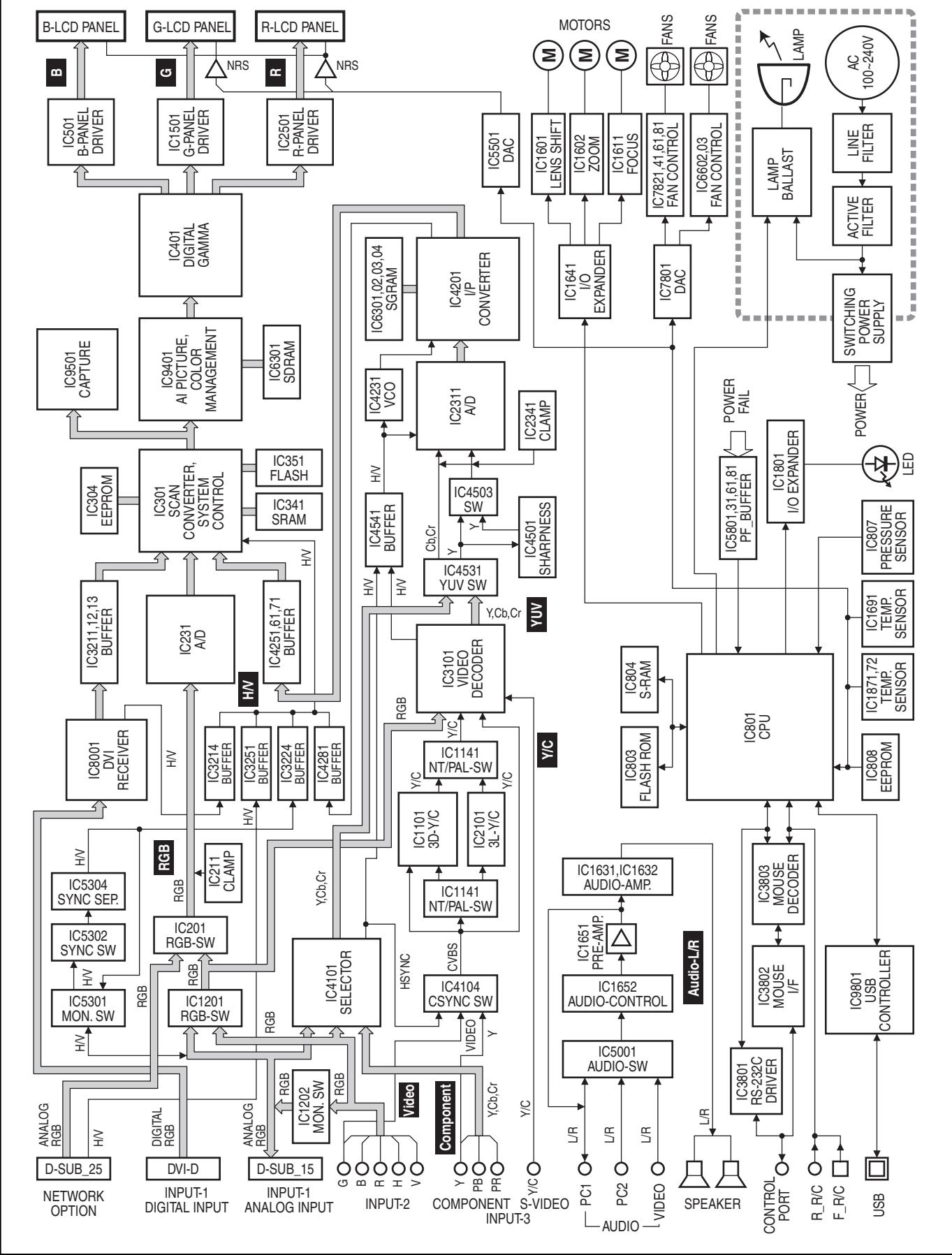
Test Points and Locations

● MAIN BOARD

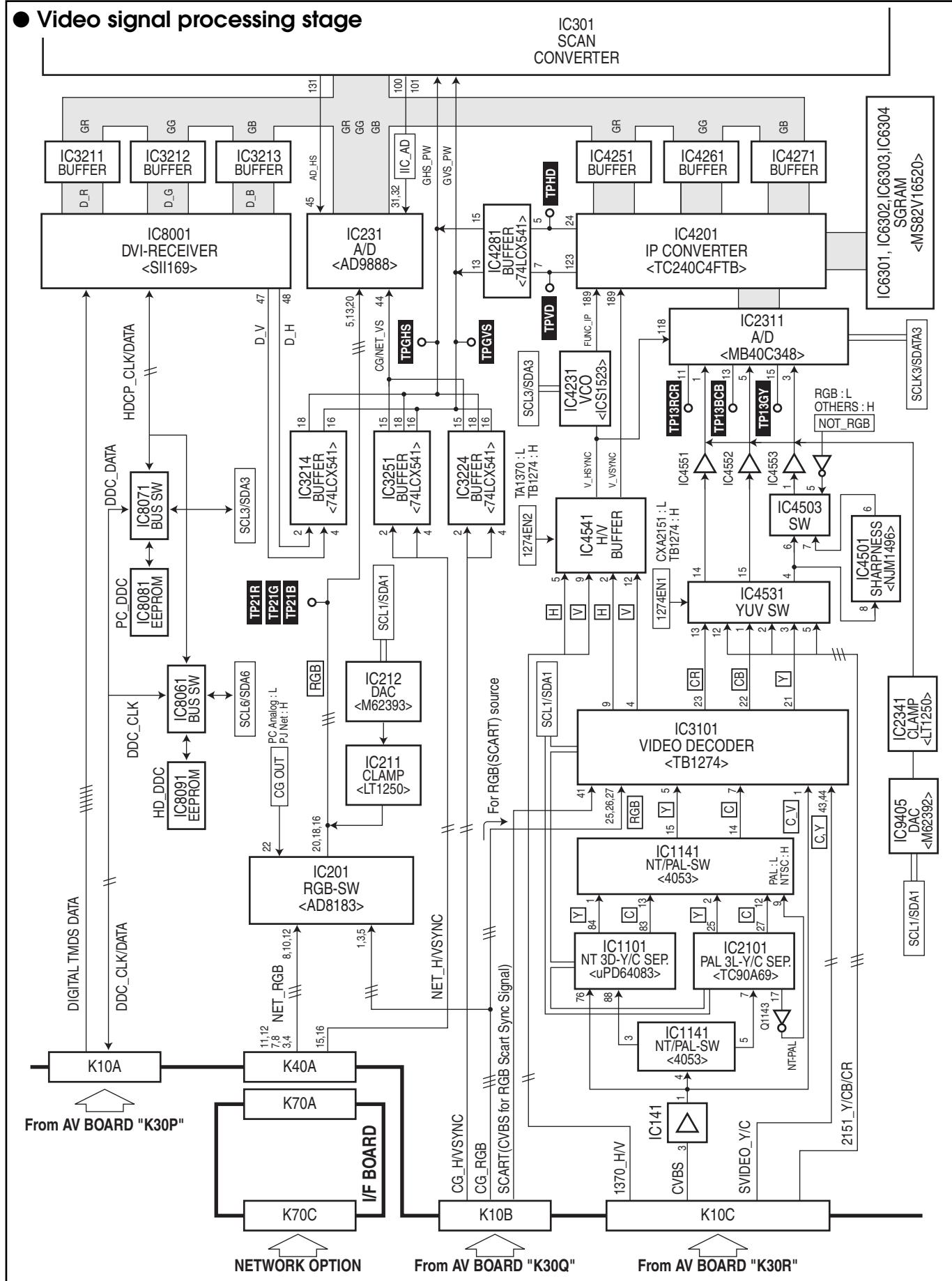


■ Chassis Block Diagrams

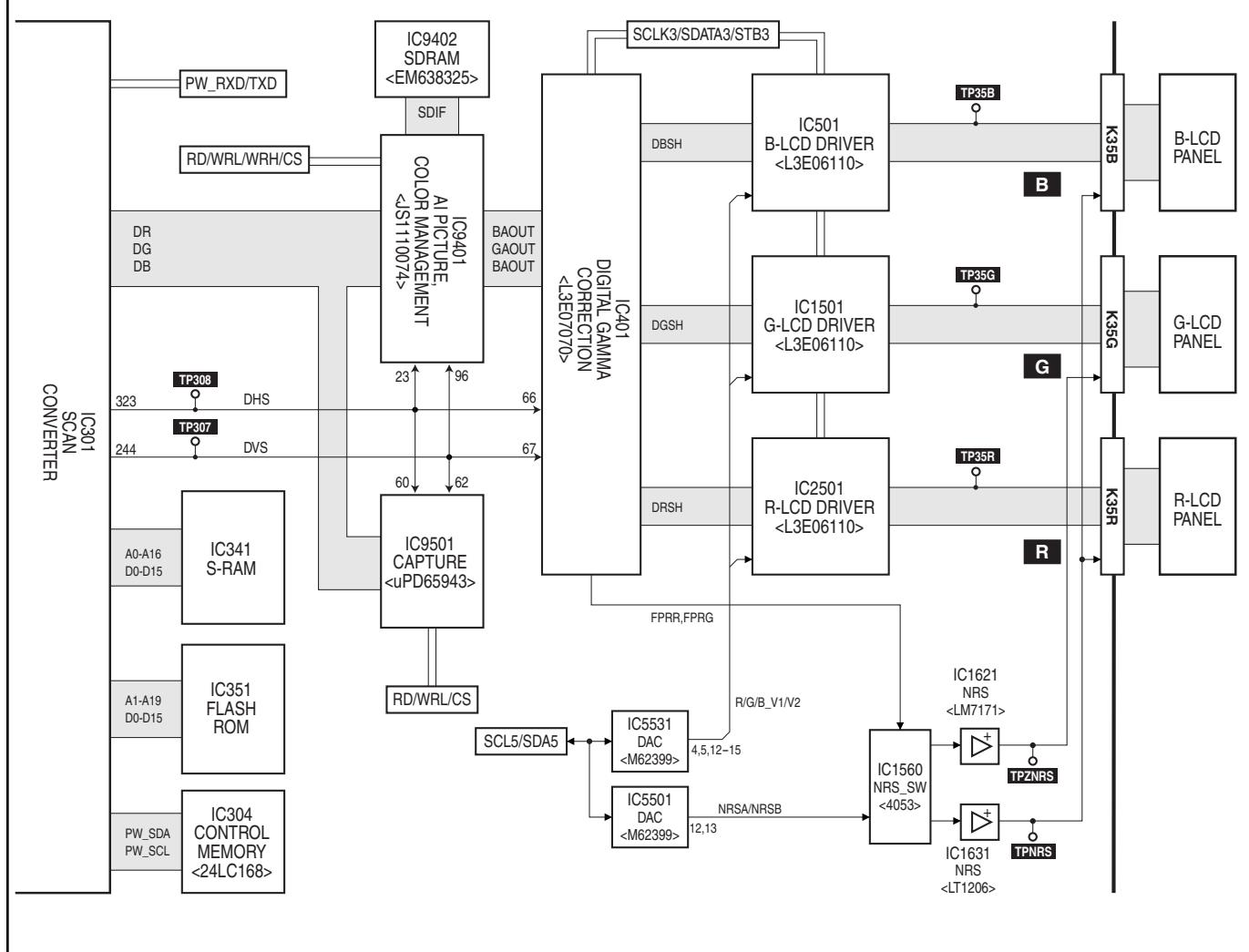
● Chassis over view



● Video signal processing stage



● LCD panel driving stage



■ Troubleshooting

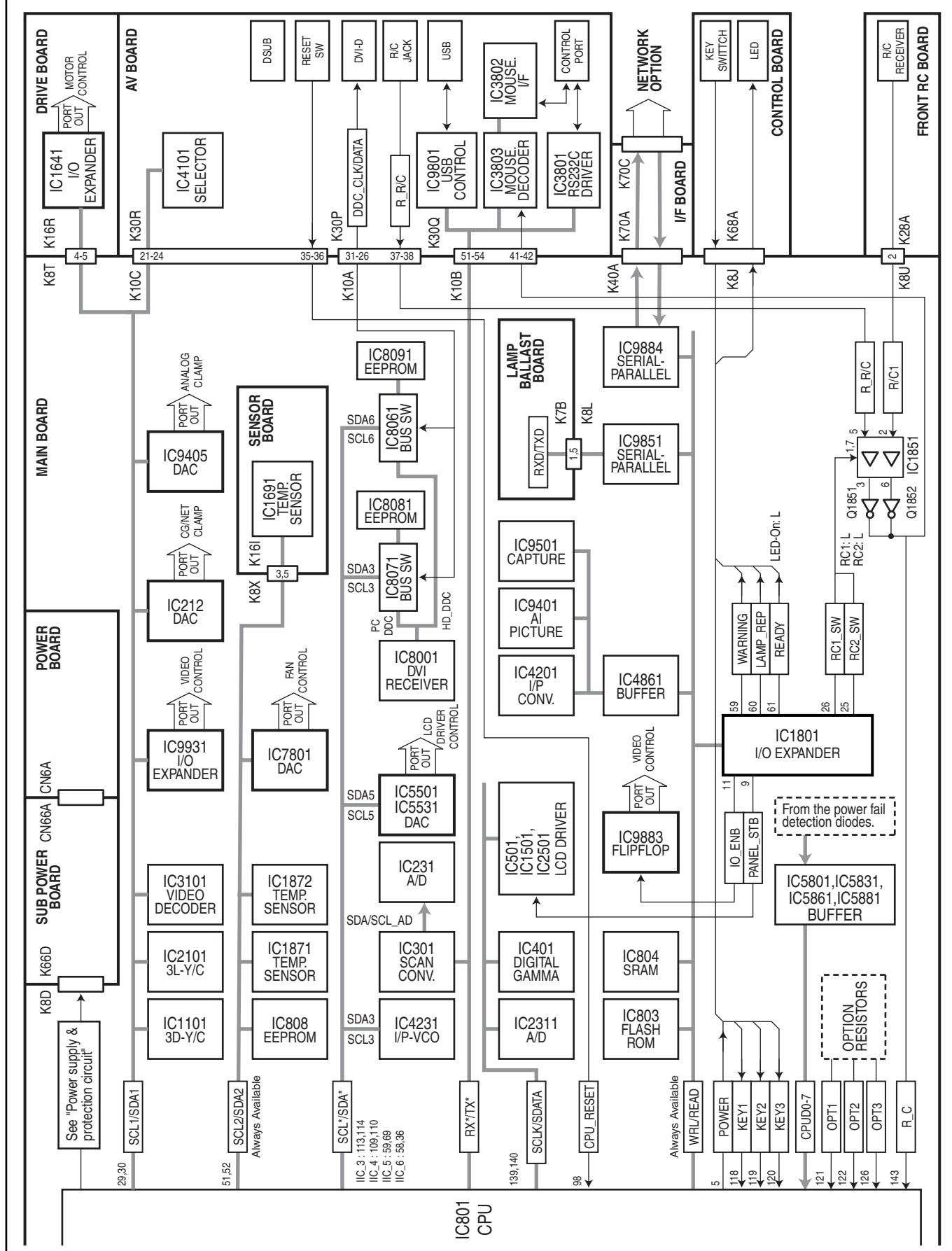
● No Picture

* Differences as below

4. No picture from all of sources

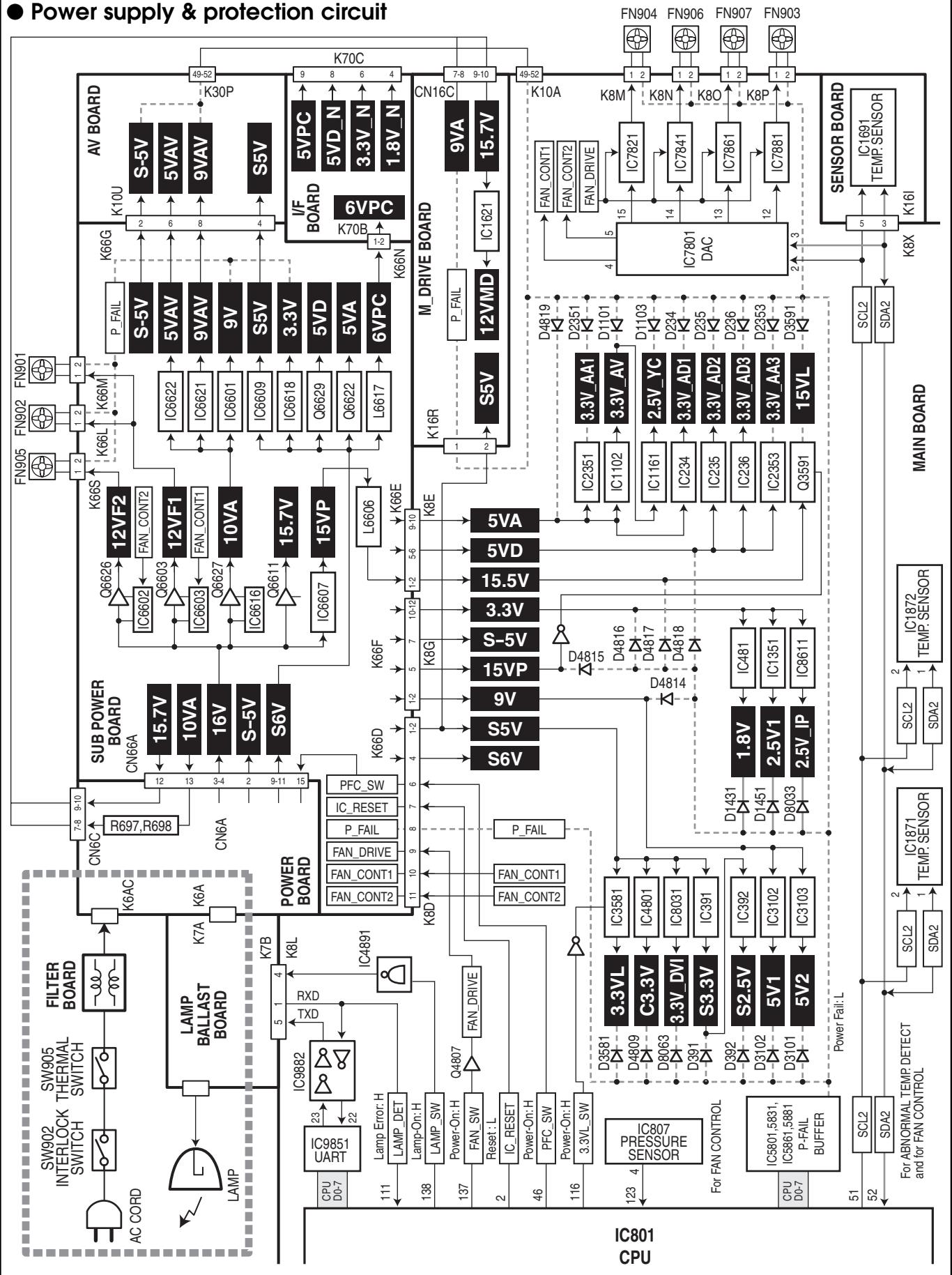
- Check HSYNC signal at test point TPGHS and VSYNC signal at TPGVS.
- Check RGB S&H signals at test points TP35R, TP35G and TP35B.
- Check NRS signals at test point TPNRS and TPZNRS.
- Check power supply circuit 15VL and 15VP and peripheral circuit.
- Check ICs IC501, IC1501, IC2501, IC9401, IC401 and peripheral circuits.

● System Controls



■ Power Supply Lines

● Power supply & protection circuit



■ Control Port Functions

* Differences as below:

● System Control & I/O Port Table (IC801)

See original page.52-53

Pin No.	Name	Function Name	Function	Polarity	I/O
116	PE6/TIOC2A	Original	Not used		O
		Supplement	3.3VL_SW 3.3VL_On/Off	ON = H	O
126	PF7/AN7	Original	OPT3 Not used		I
		Supplement	OPT3 Panel Option		I

● Parallel I/O Expander (IC1801, M66500FP)

See original page.54

Pin No.	Name	Function Name	Function	Polarity	I/O
1	PF6	Original	PLLSTB_CPU CXD3531 Reset	Reset = H -> L -> L	O
		Supplement	IRM_STB L3E07070 Strobe signal	ON = H	O
2	PF7	Original	XCLR_CPU CXD3531 Reset	Reset = L -> L -> H	O
		Supplement	IRM_RST L3E07070 Reset	Reset = L	O
7	PE3	Original	IPSEL_CSA CPU Strobe signal for I/P	Active L	O
		Supplement	SH_R_STB Sample & Hold Strobe signal_R		O
9	PE5	Original	PANEL_ENB CXD3531 Reset	Active L	O
		Supplement	SH_G_STB Sample & Hold Strobe signal_G		O
10	PE6	Original	Not used	Active L	O
		Supplement	SH_B_STB Sample & Hold Strobe signal_B		O
56	PG2	Original	Not used		I
		Supplement	SH_B_STB Micro Lens Option	with u-lens = L	I

● IIC Bus D/A Converter (IC5501, M62399FP)

Additional Item

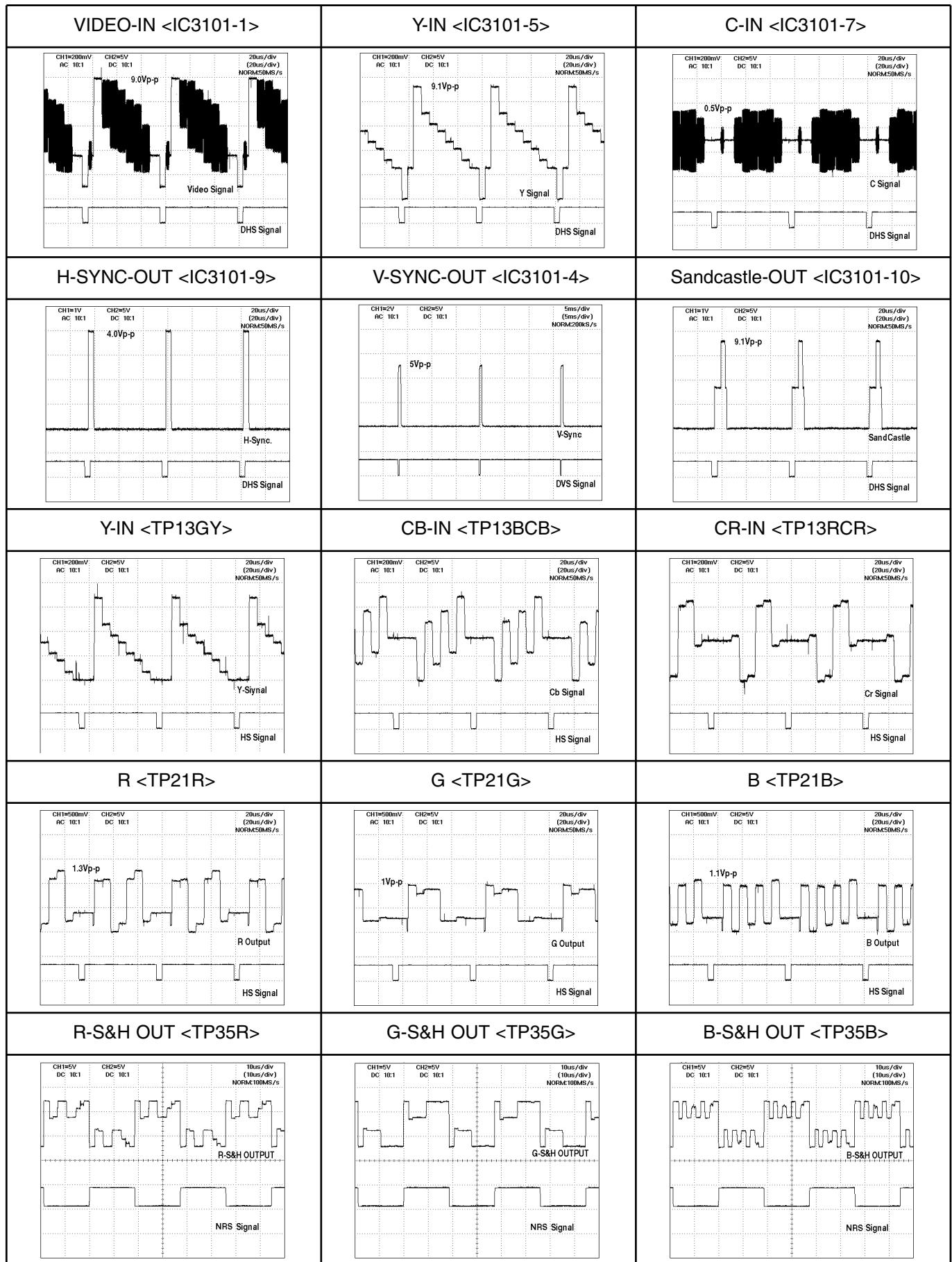
Pin No.	Name	Function	I/O
1	R	Reset Input	I
2	SCL	IIC BUS SCL SCL5	I
3	SDA	IIC BUS SDA SDA5	I/O
4	A05	Not used	O
5	A06	REF_R	O
6	A07	REF_G	O
7	A08	REF_B	O
8	VrefL	DAC Lower Reference Voltage input	-
9	VrefU 1	DAC Upper Reference Voltage input (CH5~CH8)	-
10	Vss	GND	-
11	VrefU 2	DAC Upper Reference Voltage input (CH1~CH 4)	-
12	A01	NRSA	O
13	A02	NRSB	O
14	A03	Not used	O
15	A04	Not used	O
16	Vcc	Power Supply for Output Buffer (15V)	-
17	Vdd	Power Supply +5V	-
18	CS2	Slave address setting port 2 (Vdd)	I
19	CS1	Slave address setting port 1 (Vdd)	I
20	CS0	Slave address setting port 0 (Vdd)	I

● IIC Bus D/A Converter (IC5531, M62399FP)

Additional Item

Pin No.	Name	Function	I/O
1	R	Serial Data output port (Not connected)	O
2	SCL	IIC BUS SCL SCL5	I
3	SDA	IIC BUS SDA SDA5	I/O
4	A05	R_V1	O
5	A06	R_V2	O
6	A07	Not used	O
7	A08	Not used	O
8	VrefL	DAC Lower Reference Voltage input	-
9	VrefU 1	DAC Upper Reference Voltage input (CH5~CH8)	-
10	Vss	GND	-
11	VrefU2	DAC Upper Reference Voltage input (CH1~CH 4)	-
12	A01	G_V1	O
13	A02	G_V2	O
14	A03	B_V1	O
15	A04	B_V2	O
16	Vcc	Power Supply for Output Buffer (15V)	-
17	Vdd	Power Supply +5V	-
18	CS2	Slave address setting port 2 (Vdd)	I
19	CS1	Slave address setting port 1 (GND)	I
20	CS0	Slave address setting port 0 (GND)	I

■ Waveforms

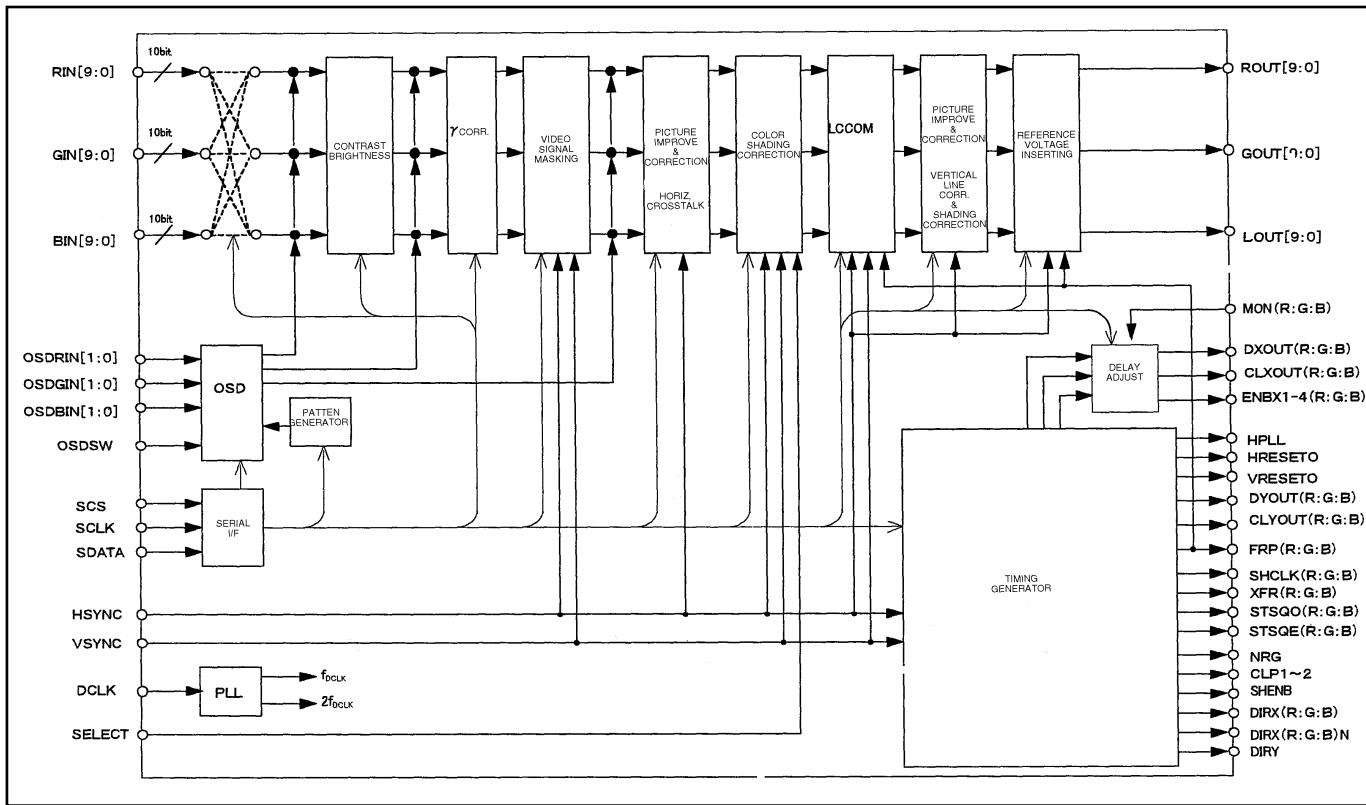


■ IC Block Diagrams

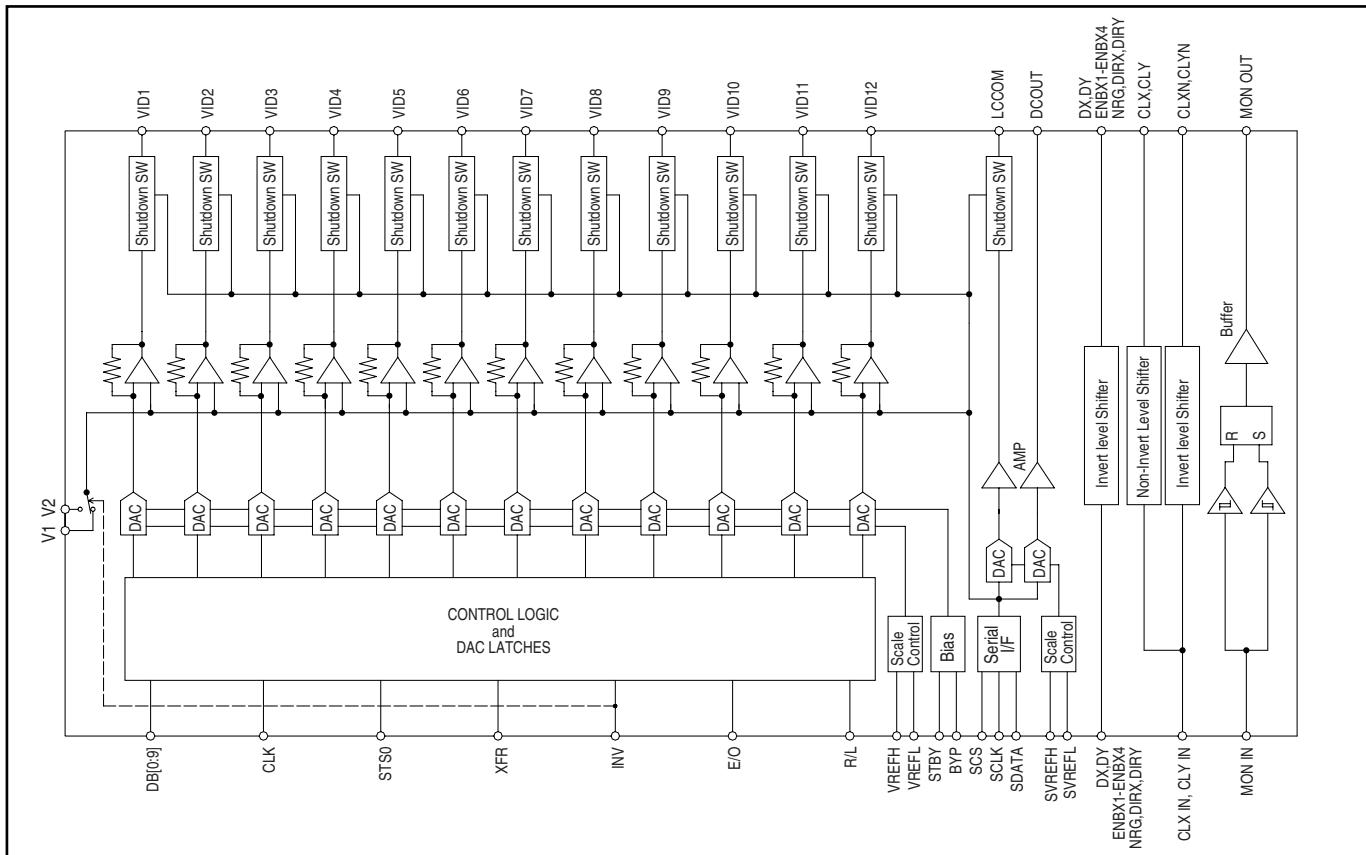
* Additional items as below:

See original page.59-70

● L3E07070 <Signal Processor for TFT LCD, IC401>



● L3E06110 <LCD Driver, IC501, IC1501, IC2501>



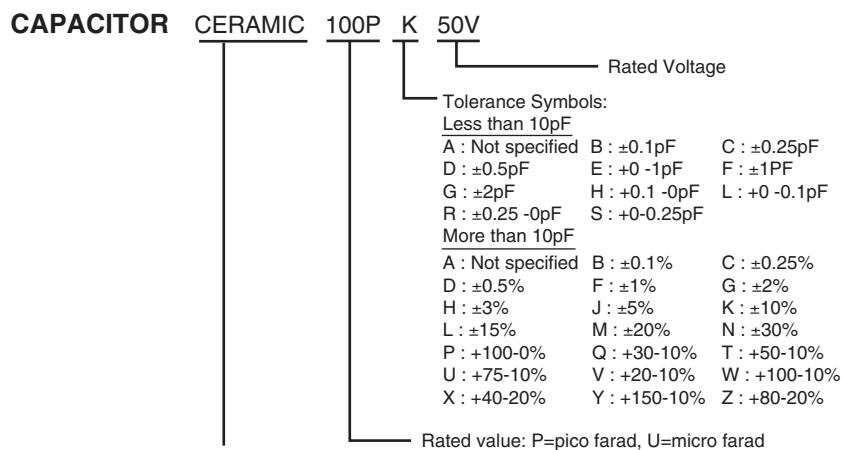
■ Electrical Parts List

MS3-XP5000, MS3-XP50L00

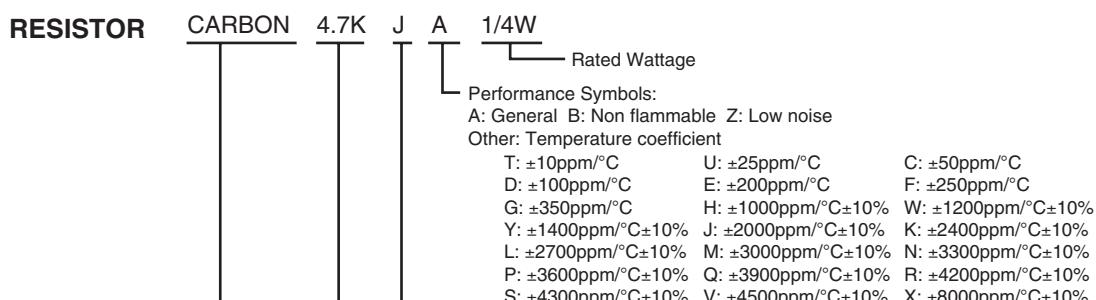
Product safety should be considered when a component replacement is made in any area of a projector. Components indicated by a Δ mark in this parts list and the circuit diagram show components whose value have special significance to product safety. It is particularly recommended that only parts specified on the following parts list be used for components replacement pointed out by the mark.

● Read Description in the parts list

Read description in the Capacitor and Resistor as follows:



Material:
CERAMIC..... Ceramic
MT-PAPER..... Metallized Paper
POLYESTER..... Polyester
MT-POLYEST..... Metallized Polyester
POLYPRO..... Polypropylene
MT-POLYPRO.... Metallized Polypropylene
COMPO FILM..... Composite film
MT-COMPO..... Metallized Composite
STYRENE..... Styrene
TA-SOLID..... Tantalum Oxide Solid Electrolytic
AL-SOLID..... Aluminium Solid Electrolytic
ELECT..... Aluminium Foil Electrolytic
NP-ELECT..... Non-polarised Electrolytic
OS-SOLID..... Aluminium Solid with Organic Semiconductive Electrolytic
POS-SOLID..... Polymerized Organic Semiconductive
DL-ELECT..... Double Layered Electrolytic
PPS-FILM..... Polyphenylene Sulfide Film
MT-PPS-FILM.... Metalized Polyphenylene Sulfide Film
MT-PEN-FILM.... Metalized Polyethylenenaphthalate Film
CAPACITOR..... Other

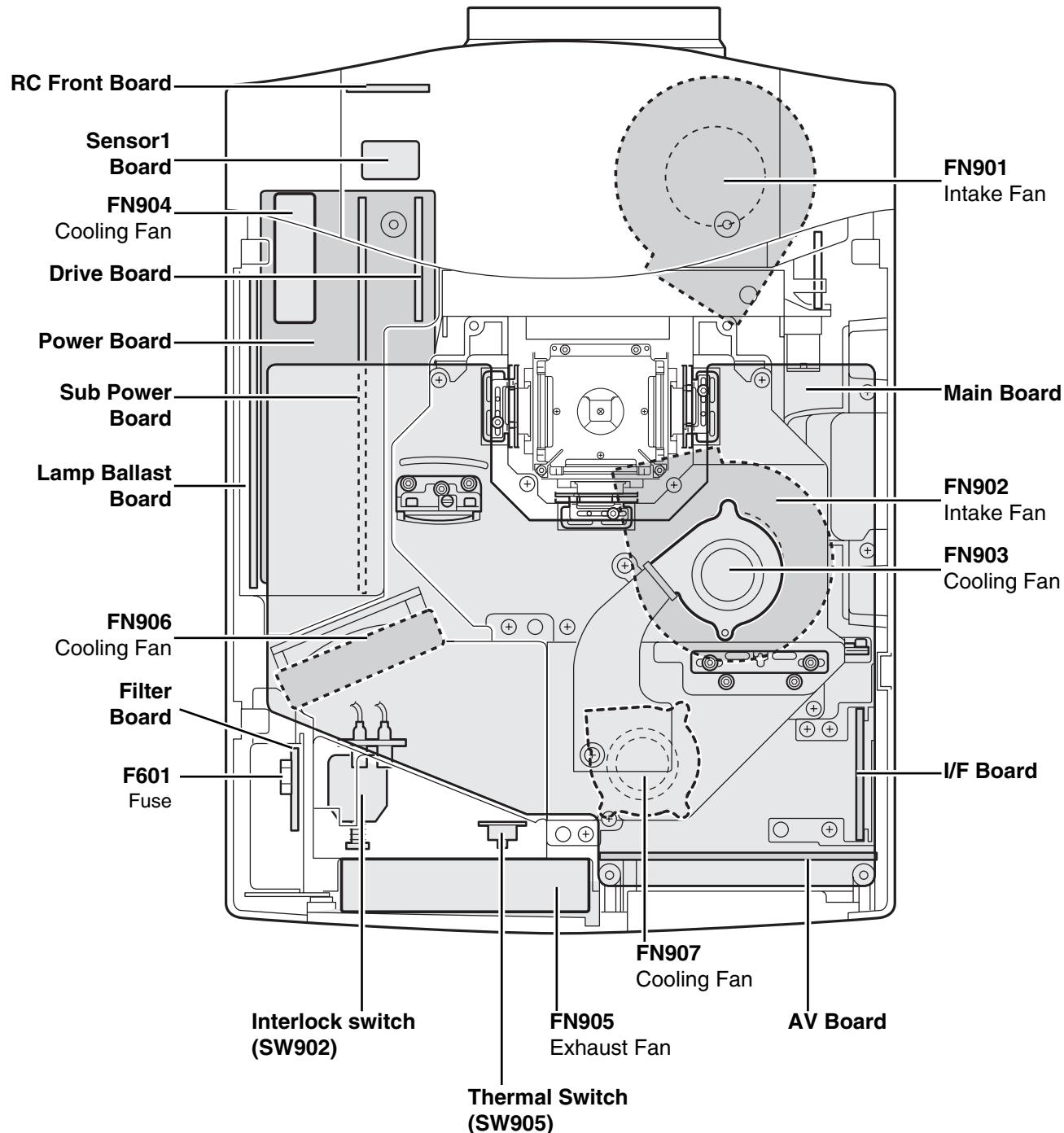


Material:
CARBON..... Carbon
MT-FILM..... Metal Film
OXIDE-MT..... Oxide Metal Film
SOLID..... Composition
MT-GLAZE..... Metal Glaze
WIRE WOUND.... Wire Wound
CERAMIC RES.. Ceramic
FUSIBLE RES.... Fusible
RESISTOR Other

Electrical Parts List

Note: Parts order must contain Chassis No., Part No., and Descriptions.

● OUT OF CIRCUIT BOARD



Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description			
ASSEMBLED BOARDS								
△610 293 1815		ASSY,PWB,CONTROL MA8A	D6893	407 203 7902	LED SML-210MT T86 M			
△610 293 1839		ASSY,PWB,RC FRONT MA8A	D6894	407 203 7803	LED SML-210LT T86 M			
△610 294 8233		ASSY,PWB,SENSOR 1 MA8A	D6895	407 203 7704	LED SML-210DT T86 L			
△610 311 5481		ASSY,PWB,MAIN MS3AA	MISCELLANEOUS					
△610 312 7521		ASSY,PWB,POWER MS3AA	SW6871	645 026 2791	SWITCH,PUSH 1P-1TX1			
△610 312 7538		ASSY,PWB,SUB POWER MS3AA	SW6872	645 026 2791	SWITCH,PUSH 1P-1TX1			
△610 312 7545		ASSY,PWB,DRIVE MS3AA	SW6873	645 026 2791	SWITCH,PUSH 1P-1TX1			
△610 312 7552		ASSY,PWB,FILTER MS3AA	SW6874	645 026 2791	SWITCH,PUSH 1P-1TX1			
△610 312 6197		ASSY,PWB,A/V MS3AA	SW6875	645 026 2791	SWITCH,PUSH 1P-1TX1			
△610 312 6203		ASSY,PWB,I/F MS3AA	SW6876	645 026 2791	SWITCH,PUSH 1P-1TX1			
OUT OF CIRCUIT BOARDS								
△LF901	645 042 4489	UNIT,NOISE FILTER	SW6877	645 026 2791	SWITCH,PUSH 1P-1TX1			
△LP900	610 306 5977	COMPL,OPTICAL LAMP-MR3A	SW6878	645 026 2791	SWITCH,PUSH 1P-1TX1			
L901	645 003 3834	CORE,FERRITE	SW6879	645 026 2791	SWITCH,PUSH 1P-1TX1			
L902	645 003 3834	CORE,FERRITE	SW6880	645 026 2791	SWITCH,PUSH 1P-1TX1			
△A901	645 060 4034	UNIT,BALLAST	SW6881	645 026 2791	SWITCH,PUSH 1P-1TX1			
△FN901	645 061 7539	MOTOR,FAN DC 13.0W	SW6882	645 026 2791	SWITCH,PUSH 1P-1TX1			
△FN902	645 061 7539	MOTOR,FAN DC 13.0W	SW6883	645 026 2791	SWITCH,PUSH 1P-1TX1			
△FN903	645 053 7523	MOTOR,FAN DC 1.68W	SW6884	645 026 2791	SWITCH,PUSH 1P-1TX1			
△FN904	645 053 7523	MOTOR,FAN DC 1.68W	SW6885	645 026 2791	SWITCH,PUSH 1P-1TX1			
△FN905	645 061 4897	MOTOR,FAN DC 5.28W	SW6886	645 026 2791	SWITCH,PUSH 1P-1TX1			
△FN906	645 048 4001	MOTOR,FAN DC 2.4W	SW6887	645 026 2791	SWITCH,PUSH 1P-1TX1			
△FN907	645 061 4903	MOTOR,FAN DC 2.04W	SW6888	645 026 2791	SWITCH,PUSH 1P-1TX1			
SP901	645 047 7584	SPEAKER,8	SW6889	645 026 2791	SWITCH,PUSH 1P-1TX1			
SP902	645 047 7584	SPEAKER,8	SW6890	645 026 2791	SWITCH,PUSH 1P-1TX1			
△SW902	645 031 7743	SWITCH,PUSH 2P-2TX2	SW6891	645 026 2791	SWITCH,PUSH 1P-1TX1			
△SW905	645 050 3580	SWITCH, THERMAL	SW6892	645 026 2791	SWITCH,PUSH 1P-1TX1			
CONTROL BOARD								
610 293 1815 ASSY,PWB,CONTROL MA8A								
CAPACITOR								
C6871	403 164 0204	CERAMIC 0.1U Z 25V	C2801	403 283 6309	CERAMIC 1U Z 10V			
C6881	403 164 0204	CERAMIC 0.1U Z 25V	C2802	403 157 6206	CERAMIC 220P K 50V			
C6891	403 164 0204	CERAMIC 0.1U Z 25V	C2803	403 304 2105	ELECT 47U M 6.3V			
C6892	403 164 0204	CERAMIC 0.1U Z 25V	RESISTOR					
RESISTOR								
R6871	401 105 2904	MT-GLAZE 22K JA 1/16W	R2801	401 105 0405	MT-GLAZE 100 JA 1/16W			
R6872	401 105 1600	MT-GLAZE 15K JA 1/16W	R2802	407 225 0202	DIODE RB751S-40			
R6873	401 105 6001	MT-GLAZE 5.6K JA 1/16W	R2803	401 105 7909	MT-GLAZE 0.000 ZA 1/16W			
R6874	401 105 5301	MT-GLAZE 4.7K JA 1/16W	MISCELLANEOUS					
R6875	401 105 3307	MT-GLAZE 2.7K JA 1/16W	AU2801	645 034 5029	UNIT,REMOCON RECEIVER			
R6876	401 105 4106	MT-GLAZE 3.3K JA 1/16W	SENSOR 1 BOARD					
R6878	401 105 5202	MT-GLAZE 470 JA 1/16W	610 294 8233 ASSY,PWB,SENSOR 1 MA8A					
R6887	401 105 1501	MT-GLAZE 1.5K JA 1/16W	INTEGRATED CIRCUIT					
R6888	401 105 5202	MT-GLAZE 470 JA 1/16W	IC1691	409 481 8602	IC LM76CHMX-5			
R6891	401 105 2904	MT-GLAZE 22K JA 1/16W	CAPACITOR					
R6892	401 105 3802	MT-GLAZE 30K JA 1/16W	C1691	403 281 5205	CERAMIC 0.22U Z 16V			
R6893	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	C1692	403 155 1609	CERAMIC 33P J 50V			
R6894	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	C1693	403 155 1609	CERAMIC 33P J 50V			
R6895	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	RESISTOR					
R6896	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1691	401 105 0405	MT-GLAZE 100 JA 1/16W			
R6897	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R1692	401 105 0306	MT-GLAZE 10 JA 1/16W			
R6898	401 105 5202	MT-GLAZE 470 JA 1/16W	R1693	401 105 0306	MT-GLAZE 10 JA 1/16W			
DIODE								
D6871	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)	MAIN BOARD					
D6872	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)	610 311 5481 ASSY,PWB,MAIN MS3AA					
D6881	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)	TRANSISTOR					
D6891	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)	Q1101	405 134 5905	TR 2SA1037AK-T146-R			
D6892	407 203 7803	LED SML-210LT T86 M		405 147 2205	TR 2SA1037AK-S-T146			
				405 002 0308	TR 2SA1037K T146 R			
				405 002 0407	TR 2SA1037K T146 S			
				405 002 6706	TR 2SA1179-M6-TB			
				405 002 6904	TR 2SA1179-M7-TB			
				405 163 1503	TR 2SA1179N-M6-TB			
				405 163 2708	TR 2SA1179N-M7-TB			
			Q1141	405 134 5905	TR 2SA1037AK-T146-R			
				405 147 2205	TR 2SA1037AK-S-T146			
				405 002 0308	TR 2SA1037K T146 R			
				405 002 0407	TR 2SA1037K T146 S			
				405 002 6706	TR 2SA1179-M6-TB			
				405 002 6904	TR 2SA1179-M7-TB			
				405 163 1503	TR 2SA1179N-M6-TB			
				405 163 2708	TR 2SA1179N-M7-TB			
			Q1142	405 134 5905	TR 2SA1037AK-T146-R			
				405 147 2205	TR 2SA1037AK-S-T146			

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
Q1143	405 002 0308	TR 2SA1037K T146 R	Q141	405 002 0308	TR 2SA1037K T146 R
	405 002 0407	TR 2SA1037K T146 S		405 002 0407	TR 2SA1037K T146 S
	405 002 6706	TR 2SA1179-M6-TB		405 002 6706	TR 2SA1179-M6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 002 6904	TR 2SA1179-M7-TB
	405 163 1503	TR 2SA1179N-M6-TB		405 163 1503	TR 2SA1179N-M6-TB
	405 163 2708	TR 2SA1179N-M7-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 014 4509	TR 2SC2412K T146 R		405 014 4509	TR 2SC2412K T146 R
	405 014 4608	TR 2SC2412K T146 S		405 014 4608	TR 2SC2412K T146 S
	405 015 8704	TR 2SC2812-L6-TB		405 015 8704	TR 2SC2812-L6-TB
	405 015 8902	TR 2SC2812-L7-TB		405 015 8902	TR 2SC2812-L7-TB
Q1144	405 163 1602	TR 2SC2812N-L6-TB0	Q142	405 163 1602	TR 2SC2812N-L6-TB0
	405 163 1701	TR 2SC2812N-L7-TB0		405 163 1701	TR 2SC2812N-L7-TB0
	405 134 5905	TR 2SA1037AK-T146-R		405 014 4509	TR 2SC2412K T146 R
	405 147 2205	TR 2SA1037AK-S-T146		405 014 4608	TR 2SC2412K T146 S
Q1145	405 002 0308	TR 2SA1037K T146 R	Q143	405 015 8704	TR 2SC2812-L6-TB
	405 002 0407	TR 2SA1037K T146 S		405 015 8902	TR 2SC2812-L7-TB
	405 002 6706	TR 2SA1179-M6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 002 6904	TR 2SA1179-M7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1503	TR 2SA1179N-M6-TB		405 014 4509	TR 2SC2412K T146 R
	405 163 2708	TR 2SA1179N-M7-TB		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
Q1146	405 015 8704	TR 2SC2812-L6-TB	Q144	405 163 1602	TR 2SC2812N-L6-TB0
	405 015 8902	TR 2SC2812-L7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 134 5905	TR 2SA1037AK-T146-R
	405 163 1701	TR 2SC2812N-L7-TB0		405 147 2205	TR 2SA1037AK-S-T146
	405 134 5905	TR 2SA1037AK-T146-R		405 002 0308	TR 2SA1037K T146 R
	405 147 2205	TR 2SA1037AK-S-T146		405 002 0407	TR 2SA1037K T146 S
	405 002 0308	TR 2SA1037K T146 R		405 002 6706	TR 2SA1179-M6-TB
	405 002 0407	TR 2SA1037K T146 S		405 002 6904	TR 2SA1179-M7-TB
Q1147	405 002 6706	TR 2SA1179-M6-TB	Q147	405 163 1503	TR 2SA1179N-M6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 163 1503	TR 2SA1179N-M6-TB		405 014 4509	TR 2SC2412K T146 R
	405 163 2708	TR 2SA1179N-M7-TB		405 014 4608	TR 2SC2412K T146 S
	405 134 5905	TR 2SA1037AK-T146-R		405 015 8704	TR 2SC2812-L6-TB
	405 147 2205	TR 2SA1037AK-S-T146		405 015 8902	TR 2SC2812-L7-TB
	405 002 0308	TR 2SA1037K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 002 0407	TR 2SA1037K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
Q1148	405 002 6706	TR 2SA1179-M6-TB	Q148	405 134 5905	TR 2SA1037AK-T146-R
	405 002 6904	TR 2SA1179-M7-TB		405 147 2205	TR 2SA1037AK-S-T146
	405 163 1503	TR 2SA1179N-M6-TB		405 002 0308	TR 2SA1037K T146 R
	405 163 2708	TR 2SA1179N-M7-TB		405 002 0407	TR 2SA1037K T146 S
	405 134 5905	TR 2SA1037AK-T146-R		405 002 6706	TR 2SA1179-M6-TB
	405 147 2205	TR 2SA1037AK-S-T146		405 002 6904	TR 2SA1179-M7-TB
	405 002 0308	TR 2SA1037K T146 R		405 163 1503	TR 2SA1179N-M6-TB
	405 002 0407	TR 2SA1037K T146 S		405 163 2708	TR 2SA1179N-M7-TB
Q1149	405 002 6706	TR 2SA1179-M6-TB	Q149	405 014 4509	TR 2SC2412K T146 R
	405 002 6904	TR 2SA1179-M7-TB		405 014 4608	TR 2SC2412K T146 S
	405 163 1503	TR 2SA1179N-M6-TB		405 015 8704	TR 2SC2812-L6-TB
	405 163 2708	TR 2SA1179N-M7-TB		405 015 8902	TR 2SC2812-L7-TB
	405 014 4509	TR 2SC2412K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 014 4608	TR 2SC2412K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 015 8704	TR 2SC2812-L6-TB		405 014 4509	TR 2SC2412K T146 R
	405 015 8902	TR 2SC2812-L7-TB		405 014 4608	TR 2SC2412K T146 S
Q1151	405 163 1602	TR 2SC2812N-L6-TB0	Q1601	405 015 8704	TR 2SC2812-L6-TB
	405 163 1701	TR 2SC2812N-L7-TB0		405 015 8902	TR 2SC2812-L7-TB
	405 014 4509	TR 2SC2412K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 014 4608	TR 2SC2412K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 015 8704	TR 2SC2812-L6-TB		405 014 4509	TR 2SC2412K T146 R
	405 015 8902	TR 2SC2812-L7-TB		405 014 4608	TR 2SC2412K T146 S
	405 163 1602	TR 2SC2812N-L6-TB0		405 015 8704	TR 2SC2812-L6-TB
	405 163 1701	TR 2SC2812N-L7-TB0		405 015 8902	TR 2SC2812-L7-TB
Q1155	405 134 5905	TR 2SA1037AK-T146-R	Q1601	405 163 1602	TR 2SC2812N-L6-TB0
	405 147 2205	TR 2SA1037AK-S-T146		405 163 1701	TR 2SC2812N-L7-TB0
	405 002 0308	TR 2SA1037K T146 R		405 014 4509	TR 2SC2412K T146 R
	405 002 0407	TR 2SA1037K T146 S		405 014 4608	TR 2SC2412K T146 S
	405 002 6706	TR 2SA1179-M6-TB		405 015 8704	TR 2SC2812-L6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 015 8902	TR 2SC2812-L7-TB
	405 163 1503	TR 2SA1179N-M6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 163 2708	TR 2SA1179N-M7-TB		405 163 1701	TR 2SC2812N-L7-TB0
Q1161	405 134 5905	TR 2SA1037AK-T146-R	Q1851	405 163 1602	TR 2SC2812N-L6-TB0
	405 147 2205	TR 2SA1037AK-S-T146		405 163 1701	TR 2SC2812N-L7-TB0
	405 002 0308	TR 2SA1037K T146 R		405 014 4509	TR 2SC2412K T146 R
	405 002 0407	TR 2SA1037K T146 S		405 014 4608	TR 2SC2412K T146 S
	405 002 6706	TR 2SA1179-M6-TB		405 015 8704	TR 2SC2812-L6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 015 8902	TR 2SC2812-L7-TB
	405 163 1503	TR 2SA1179N-M6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 163 2708	TR 2SA1179N-M7-TB		405 163 1701	TR 2SC2812N-L7-TB0
Q1163	405 134 5905	TR 2SA1037AK-T146-R	Q1852	405 014 4509	TR 2SC2412K T146 R
	405 147 2205	TR 2SA1037AK-S-T146		405 014 4608	TR 2SC2412K T146 S
	405 002 0308	TR 2SA1037K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 002 0407	TR 2SA1037K T146 S		405 015 8902	TR 2SC2812-L7-TB
Q1163	405 002 6706	TR 2SA1179-M6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 002 6904	TR 2SA1179-M7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 2708	TR 2SA1179N-M7-TB		405 014 4509	TR 2SC2412K T146 R
	405 163 2708	TR 2SA1179N-M7-TB		405 014 4608	TR 2SC2412K T146 S

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
Q2101	405 163 1602	TR 2SC2812N-L6-TB0	Q3302	405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
	405 015 8704	TR 2SC2812-L6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 015 8902	TR 2SC2812-L7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 002 8304	TR 2SA1203-Y-TE12L
Q2102	405 163 1701	TR 2SC2812N-L7-TB0	Q3591	405 014 4509	TR 2SC2412K T146 R
	405 014 4509	TR 2SC2412K T146 R		405 014 4608	TR 2SC2412K T146 S
	405 014 4608	TR 2SC2412K T146 S		405 015 8704	TR 2SC2812-L6-TB
	405 015 8704	TR 2SC2812-L6-TB		405 015 8902	TR 2SC2812-L7-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4509	TR 2SC2412K T146 R
Q2361	405 014 4509	TR 2SC2412K T146 R	Q4501	405 014 4608	TR 2SC2412K T146 S
	405 014 4608	TR 2SC2412K T146 S		405 015 8704	TR 2SC2812-L6-TB
	405 015 8704	TR 2SC2812-L6-TB		405 015 8902	TR 2SC2812-L7-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4509	TR 2SC2412K T146 R
	405 014 4509	TR 2SC2412K T146 R		405 014 4608	TR 2SC2412K T146 S
Q3103	405 014 4608	TR 2SC2412K T146 S	Q4502	405 015 8704	TR 2SC2812-L6-TB
	405 015 8704	TR 2SC2812-L6-TB		405 015 8902	TR 2SC2812-L7-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4509	TR 2SC2412K T146 R
	405 014 4509	TR 2SC2412K T146 R		405 014 4608	TR 2SC2412K T146 S
	405 014 4608	TR 2SC2412K T146 S		405 015 8704	TR 2SC2812-L6-TB
Q3111	405 015 8704	TR 2SC2812-L6-TB	Q4503	405 015 8902	TR 2SC2812-L7-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 134 5905	TR 2SA1037AK-T146-R		405 015 8704	TR 2SC2812-L6-TB
	405 147 2205	TR 2SA1037AK-S-T146		405 015 8902	TR 2SC2812-L7-TB
Q3112	405 002 0308	TR 2SA1037K T146 R	Q4504	405 163 1602	TR 2SC2812N-L6-TB0
	405 002 0407	TR 2SA1037K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 002 6706	TR 2SA1179-M6-TB		405 134 5905	TR 2SA1037AK-T146-R
	405 002 6904	TR 2SA1179-M7-TB		405 147 2205	TR 2SA1037AK-S-T146
	405 163 1503	TR 2SA1179N-M6-TB		405 002 0308	TR 2SA1037K T146 R
	405 163 2708	TR 2SA1179N-M7-TB		405 002 0407	TR 2SA1037K T146 S
	405 163 2708	TR 2SA1179N-M7-TB		405 002 6706	TR 2SA1179-M6-TB
Q3113	405 134 5905	TR 2SA1037AK-T146-R	Q4506	405 002 6904	TR 2SA1179-M7-TB
	405 147 2205	TR 2SA1037AK-S-T146		405 163 1503	TR 2SA1179N-M6-TB
	405 002 0308	TR 2SA1037K T146 R		405 163 2708	TR 2SA1179N-M7-TB
	405 002 0407	TR 2SA1037K T146 S		405 134 5905	TR 2SA1037AK-T146-R
	405 002 6706	TR 2SA1179-M6-TB		405 147 2205	TR 2SA1037AK-S-T146
	405 002 6904	TR 2SA1179-M7-TB		405 002 0308	TR 2SA1037K T146 R
	405 163 1503	TR 2SA1179N-M6-TB		405 002 0407	TR 2SA1037K T146 S
Q3161	405 163 2708	TR 2SA1179N-M7-TB	Q4507	405 002 6706	TR 2SA1179-M6-TB
	405 014 4509	TR 2SC2412K T146 R		405 002 6904	TR 2SA1179-M7-TB
	405 014 4608	TR 2SC2412K T146 S		405 163 1503	TR 2SA1179N-M6-TB
	405 015 8704	TR 2SC2812-L6-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 015 8902	TR 2SC2812-L7-TB		405 134 5905	TR 2SA1037AK-T146-R
	405 163 1602	TR 2SC2812N-L6-TB0		405 147 2205	TR 2SA1037AK-S-T146
	405 163 1701	TR 2SC2812N-L7-TB0		405 002 0308	TR 2SA1037K T146 R
Q3162	405 014 4509	TR 2SC2412K T146 R	Q4508	405 002 0407	TR 2SA1037K T146 S
	405 014 4608	TR 2SC2412K T146 S		405 002 6706	TR 2SA1037K T146 R
	405 015 8704	TR 2SC2812-L6-TB		405 002 6904	TR 2SA1179-M7-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 1503	TR 2SA1179N-M6-TB
	405 163 1602	TR 2SC2812N-L6-TB0		405 163 2708	TR 2SA1179N-M7-TB
	405 163 1701	TR 2SC2812N-L7-TB0		405 134 5909	TR 2SC2412K T146 R
	405 014 4509	TR 2SC2412K T146 R		405 147 2205	TR 2SC2412K T146 S
Q3163	405 014 4608	TR 2SC2412K T146 S	Q4541	405 002 6904	TR 2SA1179-M7-TB
	405 015 8704	TR 2SC2812-L6-TB		405 163 1503	TR 2SA1179N-M6-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 163 1602	TR 2SC2812N-L6-TB0		405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
Q3301	405 015 8704	TR 2SC2812-L6-TB	Q4544	405 163 1602	TR 2SC2812N-L6-TB0
	405 015 8902	TR 2SC2812-L7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 1602	TR 2SC2812N-L6-TB0
Q4546	405 163 1701	TR 2SC2812N-L7-TB0	Q4546	405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4509	TR 2SC2412K T146 R

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
Q4554	405 014 4608	TR 2SC2412K T146 S	Q4805	405 002 6904	TR 2SA1179-M7-TB
	405 015 8704	TR 2SC2812-L6-TB		405 163 1503	TR 2SA1179N-M6-TB
	405 015 8902	TR 2SC2812-L7-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 163 1602	TR 2SC2812N-L6-TB0		405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
	405 015 8704	TR 2SC2812-L6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 015 8902	TR 2SC2812-L7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 014 4509	TR 2SC2412K T146 R
Q4556	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R	Q4807	405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
	405 015 8704	TR 2SC2812-L6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 015 8902	TR 2SC2812-L7-TB		405 163 1701	TR 2SC2812N-L7-TB0
Q4557	405 163 1602	TR 2SC2812N-L6-TB0	Q4808	405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
	405 015 8704	TR 2SC2812-L6-TB		405 163 1602	TR 2SC2812N-L6-TB0
Q4557	405 015 8902	TR 2SC2812-L7-TB	Q5801	405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 014 4509	TR 2SC2412K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 014 4608	TR 2SC2412K T146 S		405 015 8902	TR 2SC2812-L7-TB
Q4651	405 015 8704	TR 2SC2812-L6-TB	Q5802	405 163 1602	TR 2SC2812N-L6-TB0
	405 015 8902	TR 2SC2812-L7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1602	TR 2SC2812N-L6-TB0		405 014 4509	TR 2SC2412K T146 R
	405 163 1701	TR 2SC2812N-L7-TB0		405 014 4608	TR 2SC2412K T146 S
	405 134 5905	TR 2SA1037AK-T146-R		405 015 8704	TR 2SC2812-L6-TB
Q4682	405 147 2205	TR 2SA1037AK-S-T146		405 015 8902	TR 2SC2812-L7-TB
	405 002 0308	TR 2SA1037K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 002 0407	TR 2SA1037K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 002 6706	TR 2SA1179-M6-TB	Q7821	405 014 4509	TR 2SC2412K T146 R
	405 002 6904	TR 2SA1179-M7-TB		405 014 4608	TR 2SC2412K T146 S
Q4683	405 163 1503	TR 2SA1179N-M6-TB		405 015 8704	TR 2SC2812-L6-TB
	405 163 2708	TR 2SA1179N-M7-TB		405 015 8902	TR 2SC2812-L7-TB
	405 014 4509	TR 2SC2412K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 014 4608	TR 2SC2412K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 015 8704	TR 2SC2812-L6-TB	Q7841	405 014 4509	TR 2SC2412K T146 R
Q4801	405 015 8902	TR 2SC2812-L7-TB		405 014 4608	TR 2SC2412K T146 S
	405 163 1602	TR 2SC2812N-L6-TB0		405 015 8704	TR 2SC2812-L6-TB
	405 163 1701	TR 2SC2812N-L7-TB0		405 015 8902	TR 2SC2812-L7-TB
	405 134 5905	TR 2SA1037AK-T146-R		405 163 1602	TR 2SC2812N-L6-TB0
	405 147 2205	TR 2SA1037AK-S-T146	Q7861	405 163 1701	TR 2SC2812N-L7-TB0
Q4802	405 002 0308	TR 2SA1037K T146 R		405 014 4509	TR 2SC2412K T146 R
	405 002 0407	TR 2SA1037K T146 S		405 014 4608	TR 2SC2412K T146 S
	405 002 6706	TR 2SA1179-M6-TB		405 015 8704	TR 2SC2812-L6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 015 8902	TR 2SC2812-L7-TB
	405 163 1503	TR 2SA1179N-M6-TB	Q7881	405 163 1602	TR 2SC2812N-L6-TB0
Q4803	405 163 2708	TR 2SA1179N-M7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 134 5905	TR 2SA1037AK-T146-R		405 014 4509	TR 2SC2412K T146 R
	405 147 2205	TR 2SA1037AK-S-T146		405 014 4608	TR 2SC2412K T146 S
	405 002 0308	TR 2SA1037K T146 R		405 015 8704	TR 2SC2812-L6-TB
	405 002 0407	TR 2SA1037K T146 S		405 015 8902	TR 2SC2812-L7-TB
Q4804	405 002 6706	TR 2SA1179-M6-TB	Q7921	405 163 1602	TR 2SC2812N-L6-TB0
	405 002 6904	TR 2SA1179-M7-TB		405 163 1701	TR 2SC2812N-L7-TB0
	405 163 1503	TR 2SA1179N-M6-TB		405 014 4509	TR 2SC2412K T146 R
	405 163 2708	TR 2SA1179N-M7-TB		405 014 4608	TR 2SC2412K T146 S
	405 134 5905	TR 2SA1037AK-T146-R		405 015 8704	TR 2SC2812-L6-TB
Q4804	405 147 2205	TR 2SA1037AK-S-T146	Q8036	405 015 8902	TR 2SC2812-L7-TB
	405 002 0308	TR 2SA1037K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 002 0407	TR 2SA1037K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 002 6706	TR 2SA1179-M6-TB		405 014 4509	TR 2SC2412K T146 R
	405 002 6904	TR 2SA1179-M7-TB		405 014 4608	TR 2SC2412K T146 S
Q4804	405 163 1503	TR 2SA1179N-M6-TB	Q8037	405 015 8704	TR 2SC2812-L6-TB
	405 163 2708	TR 2SA1179N-M7-TB		405 015 8902	TR 2SC2812-L7-TB
	405 134 5905	TR 2SA1037AK-T146-R		405 163 1602	TR 2SC2812N-L6-TB0
	405 147 2205	TR 2SA1037AK-S-T146		405 163 1701	TR 2SC2812N-L7-TB0
	405 002 0308	TR 2SA1037K T146 R		405 014 4509	TR 2SC2412K T146 R
Q4804	405 002 0407	TR 2SA1037K T146 S	Q8038	405 014 4608	TR 2SC2412K T146 S
	405 002 6706	TR 2SA1179-M6-TB		405 015 8704	TR 2SC2812-L6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 015 8902	TR 2SC2812-L7-TB
	405 163 1503	TR 2SA1179N-M6-TB		405 163 1602	TR 2SC2812N-L6-TB0
	405 163 2708	TR 2SA1179N-M7-TB		405 163 1701	TR 2SC2812N-L7-TB0
Q4804	405 134 5905	TR 2SA1037AK-T146-R	Q8039	405 045 8705	TR 2SK536-TB
	405 147 2205	TR 2SA1037AK-S-T146		405 045 8705	TR 2SK536-TB
	405 002 0308	TR 2SA1037K T146 R		405 014 4509	TR 2SC2412K T146 R
	405 002 0407	TR 2SA1037K T146 S		405 014 4608	TR 2SC2412K T146 S
	405 002 6706	TR 2SA1179-M6-TB		405 015 8704	TR 2SC2812-L6-TB

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description	
Q8041	405 015 8902	TR 2SC2812-L7-TB	IC3212	410 321 8300	IC TC74VCX16244FT	
	405 163 1602	TR 2SC2812N-L6-TB0	IC3213	410 321 8300	IC TC74VCX16244FT	
	405 163 1701	TR 2SC2812N-L7-TB0	IC3214	410 362 6501	IC TC74LCX541FT	
	405 014 4509	TR 2SC2412K T146 R	IC3224	410 362 6501	IC TC74LCX541FT	
	405 014 4608	TR 2SC2412K T146 S	IC3251	410 362 6501	IC TC74LCX541FT	
	405 015 8704	TR 2SC2812-L6-TB	IC341	410 352 8508	IC IDT71V016S15PHTR	
	405 015 8902	TR 2SC2812-L7-TB		410 397 0406	IC IC61LV6416-15T	
	405 163 1602	TR 2SC2812N-L6-TB0	IC351	410 509 3509	IC MBM29LV800TA90C411	
	405 163 1701	TR 2SC2812N-L7-TB0	IC3581	409 539 8905	IC PQ033EZ01ZP	
	405 045 8705	TR 2SK536-TB	IC361	409 501 9107	IC ICS512MT	
Q8042	405 134 5905	TR 2SA1037AK-T146-R	IC362	409 501 9107	IC ICS512MT	
	405 147 2205	TR 2SA1037AK-S-T146	IC391	409 416 6406	IC BA033FP-E2	
	405 002 0308	TR 2SA1037K T146 R		409 410 1001	IC UPC2933T-E1	
	405 002 0407	TR 2SA1037K T146 S	IC392	409 534 1703	IC SI-3025LSA-TL	
	405 002 6706	TR 2SA1179-M6-TB	IC401	409 554 1301	IC L3E07070K0A	
	405 002 6904	TR 2SA1179-M7-TB	IC4201	410 426 8106	IC TC240C4FTB-C006(O)	
	405 163 1503	TR 2SA1179N-M6-TB	IC4231	409 444 8700	IC ICS1523M-ER	
	405 163 2708	TR 2SA1179N-M7-TB	IC4251	410 401 7506	IC TC74VCX16374FT	
	405 014 4509	TR 2SC2412K T146 R	IC4261	410 401 7506	IC TC74VCX16374FT	
	405 014 4608	TR 2SC2412K T146 S	IC4271	410 401 7506	IC TC74VCX16374FT	
Q9802	405 015 8704	TR 2SC2812-L6-TB	IC4281	410 362 6501	IC TC74LCX541FT	
	405 015 8902	TR 2SC2812-L7-TB	IC4501	409 545 7404	IC NJM1496V	
	405 163 1602	TR 2SC2812N-L6-TB0	IC4502	410 337 0503	IC TC74LCX14FT	
	405 163 1701	TR 2SC2812N-L7-TB0	IC4503	409 323 8906	IC TC4W53FU(TE12L)	
	INTEGRATED CIRCUIT		IC4521	409 461 7304	IC AD8057ART	
	IC1101	409 515 9803	IC4531	409 434 8109	IC TC4053BFT-(EL)	
	IC1102	409 416 6406	IC4541	410 348 7409	IC TC74LCX125FT(EL)	
		409 410 1001	IC4551	409 461 7304	IC AD8057ART	
	IC1141	409 434 8109	IC4552	409 461 7304	IC AD8057ART	
	IC1161	409 499 1701	IC4553	409 461 7304	IC AD8057ART	
IC1351	409 461 7700	IC PQ2TZ15	IC4801	409 416 6406	IC BA033FP-E2	
	409 534 1703	IC SI-3025LSA-TL		409 410 1001	IC UPC2933T-E1	
	IC141	410 300 4804	IC481	409 499 1800	IC PQ018EZ01ZP	
	IC1501	409 560 6604	IC4811	410 325 4605	IC TC74LCX244FT	
	IC1560	409 051 2900		410 325 4704	IC HD74LVC244AT	
	IC1621	409 390 0001	IC4821	410 325 4605	IC TC74LCX244FT	
		IC LM7171AIMX		410 325 4704	IC HD74LVC244AT	
		409 486 7709	IC4831	410 365 5600	IC SN74LVCC4245APWR	
	IC1631	409 343 0201	IC4841	410 365 5600	IC SN74LVCC4245APWR	
	IC1801	409 475 3705	IC4851	410 325 4605	IC TC74LCX244FT	
IC1802	410 364 6905	IC TC74ACT138FT-EL		410 325 4704	IC HD74LVC244AT	
	IC1803	410 364 6905	IC4861	410 325 4605	IC TC74LCX244FT	
	IC1851	409 359 1100		410 325 4704	IC HD74LVC244AT	
	IC1871	409 481 8602	IC4891	409 404 7200	IC TC7SET00FU-(TE85L)	
	IC1872	409 481 8602	IC501	409 560 6604	IC L3E06110D0A	
	IC1881	409 301 5309	IC5501	409 428 9600	IC M62399FP	
	IC201	409 470 2604	IC5531	409 428 9600	IC M62399FP	
	IC2101	409 504 5007	IC5551	409 246 9707	IC LA6358NM-TE-L	
	IC212	409 458 3401	IC5801	410 362 6600	IC TC74ACT541FT	
	IC231	409 520 4305	IC5831	410 362 6600	IC TC74ACT541FT	
IC2311	410 494 2303	IC AD9888KS-140-0308	IC5861	410 362 6600	IC TC74ACT541FT	
	410 429 8202	IC MB40C348VPFV	IC5881	410 362 6600	IC TC74ACT541FT	
	IC234	409 416 6406	IC6301	410 462 7408	IC MS82V16520A-8	
		409 410 1001	IC6302	410 462 7408	IC MS82V16520A-8	
	IC2341	409 357 6602	IC6303	410 462 7408	IC MS82V16520A-8	
	IC235	409 416 6406	IC6304	410 462 7408	IC MS82V16520A-8	
		409 410 1001	IC7209	409 422 5707	IC MC74HC08ADT	
	IC2351	409 416 6406	IC7210	409 301 5309	IC TC7S32FU-TE85L	
		IC BA033FP-E2	IC7801	409 428 9600	IC M62399FP	
	IC2353	409 416 6406	IC7821	409 461 7809	IC PQ20WZ11	
IC2355	409 410 1001	IC UPC2933T-E1	IC7841	409 461 7809	IC PQ20WZ11	
	IC2353	409 416 6406	IC7843	409 301 5309	IC TC7S32FU-TE85L	
		IC BA033FP-E2	IC7861	409 461 7809	IC PQ20WZ11	
	409 410 1001	IC UPC2933T-E1	IC7881	409 461 7809	IC PQ20WZ11	
	IC236	409 416 6406	IC8001	410 479 3103	IC (NOT SERVICE PARTS)	
		IC BA033FP-E2	IC801	410 484 2009	IC HD64F7045F28-C291	
	409 410 1001	IC UPC2933T-E1	IC802	409 344 1900	IC MN1382-Q-TX	
	IC2401	409 251 0300	IC803	410 504 5300	IC MBM29F160BE-90-C389	
	IC2402	410 471 2906	IC8031	409 416 6406	IC BA033FP-E2	
	IC2403	409 327 6700		409 410 1001	IC UPC2933T-E1	
IC2404	409 301 5507	IC TC7S08FU(TE85L)	IC804	410 473 9200	IC CY7C1041B-15ZC	
	IC2501	409 560 6604	IC805	409 438 5609	IC TC74ACT08FT	
	IC301	409 501 8308	IC8071	409 434 8109	IC TC4053BFT-(EL)	
	IC304	409 339 3605		IC808	409 339 3605	IC 24LC16BT/SN-T
	IC306	409 301 5309				
	IC3101	409 504 9005				
	IC3102	409 416 6505				
	IC3103	409 416 6505				
	IC3211	410 321 8300				
		IC TC74VCX16244FT				

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
IC8081	409 487 5803	IC 24C01CT/SN	C1351	403 304 1801	ELECT 100U M 6.3V
IC8091	409 558 7200	IC 24C02CT-I/SN		403 373 7704	ELECT 100U M 6.3V
IC8092	409 434 8109	IC TC4053BFT-(EL)	C1352	403 164 0204	CERAMIC 0.1U Z 25V
IC811	409 155 8006	IC TC7S04F-TE85L	C1353	403 304 1801	ELECT 100U M 6.3V
IC812	410 325 4605	IC TC74LCX244FT		403 373 7704	ELECT 100U M 6.3V
	410 325 4704	IC HD74LVC244AT	C1354	403 164 0204	CERAMIC 0.1U Z 25V
IC813	409 152 5404	IC TC7S08F-TE85L	C141	403 162 6208	ELECT 1U M 50V
IC814	410 362 6501	IC TC74LCX541FT	C142	403 175 4802	NP-ELECT 10U M 10V
IC815	410 362 6501	IC TC74LCX541FT	C143	403 164 0204	CERAMIC 0.1U Z 25V
IC816	410 362 6600	IC TC74ACT541FT	C144	403 321 2607	ELECT 10U M 16V
IC8611	409 534 1703	IC SI-3025LSA-TL	C145	403 283 6309	CERAMIC 1U Z 10V
IC9401	409 511 2006	IC JS1110074	C146	403 164 0204	CERAMIC 0.1U Z 25V
IC9402	410 457 4207	IC EM638325TS-6	C147	403 304 3300	ELECT 47U M 16V
IC9405	409 506 0406	IC M62392FP	C150	403 304 3300	ELECT 47U M 16V
IC9451	410 325 4605	IC TC74LCX244FT	C1501	403 164 0204	CERAMIC 0.1U Z 25V
	410 325 4704	IC HD74LVC244AT	C1502	403 164 0204	CERAMIC 0.1U Z 25V
IC9501	410 468 8706	IC UPD65943GC-100-7EA	C1507	403 164 0204	CERAMIC 0.1U Z 25V
IC9801	409 468 8908	IC ML60851CTB	C151	403 283 6309	CERAMIC 1U Z 10V
	409 521 4502	IC ML60851DTB	C1511	403 304 2105	ELECT 47U M 6.3V
IC9822	409 336 3202	IC TC7SH02FU(TE85L)	C1512	403 164 0204	CERAMIC 0.1U Z 25V
IC9851	409 418 8606	IC M66230FP-200D	C1513	403 164 0204	CERAMIC 0.1U Z 25V
IC9882	410 356 8009	IC SN74LV14APWR	C1514	403 164 0204	CERAMIC 0.1U Z 25V
IC9883	410 471 3002	IC TC74VHC574FT	C152	403 351 4206	ELECT 1U M 50V
IC9884	409 418 8606	IC M66230FP-200D	C1521	403 164 0204	CERAMIC 0.1U Z 25V
IC9931	409 404 6302	IC M62320FP	C1522	403 164 0204	CERAMIC 0.1U Z 25V
CAPACITOR			C1523	403 164 0204	CERAMIC 0.1U Z 25V
C1101	403 164 0204	CERAMIC 0.1U Z 25V	C1524	403 164 0204	CERAMIC 0.1U Z 25V
C1102	403 164 0204	CERAMIC 0.1U Z 25V	C1525	403 164 0204	CERAMIC 0.1U Z 25V
C1103	403 164 0204	CERAMIC 0.1U Z 25V	C1526	403 164 0204	CERAMIC 0.1U Z 25V
C1105	403 321 2607	ELECT 10U M 16V	C1527	403 164 0204	CERAMIC 0.1U Z 25V
C1106	403 164 0204	CERAMIC 0.1U Z 25V	C1531	403 229 3508	ELECT 100U M 16V
C1107	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0408	ELECT 100U M 16V
C1108	403 164 0204	CERAMIC 0.1U Z 25V	C1532	403 164 0204	CERAMIC 0.1U Z 25V
C1109	403 164 0204	CERAMIC 0.1U Z 25V	C1533	403 164 0204	CERAMIC 0.1U Z 25V
C1111	403 321 2607	ELECT 10U M 16V	C1534	403 164 0204	CERAMIC 0.1U Z 25V
C1112	403 164 0204	CERAMIC 0.1U Z 25V	C1536	403 164 0204	CERAMIC 0.1U Z 25V
C1113	403 164 0204	CERAMIC 0.1U Z 25V	C1537	403 164 0204	CERAMIC 0.1U Z 25V
C1114	403 164 0204	CERAMIC 0.1U Z 25V	C1538	403 164 0204	CERAMIC 0.1U Z 25V
C1115	403 322 7809	ELECT 220U M 6.3V	C1539	403 164 0204	CERAMIC 0.1U Z 25V
	403 349 4706	ELECT 220U M 6.3V	C1601	403 215 2201	CERAMIC 0.01U K 50V
C1116	403 304 3102	ELECT 22U M 16V	C1602	403 215 2201	CERAMIC 0.01U K 50V
C1117	403 164 0204	CERAMIC 0.1U Z 25V	C1603	403 215 2201	CERAMIC 0.01U K 50V
C1118	403 323 1301	CERAMIC 0.47U Z 10V	C1611	403 157 6701	CERAMIC 560P K 50V
C1119	403 164 0204	CERAMIC 0.1U Z 25V	C1616	403 157 6701	CERAMIC 560P K 50V
C1121	403 323 1301	CERAMIC 0.47U Z 10V	C1621	403 164 0204	CERAMIC 0.1U Z 25V
C1122	403 304 2105	ELECT 47U M 6.3V	C1622	403 229 3508	ELECT 100U M 16V
C1123	403 145 9905	CERAMIC 22P J 50V		403 335 0408	ELECT 100U M 16V
C1124	403 145 9905	CERAMIC 22P J 50V	C1623	403 157 3601	CERAMIC 100P J 50V
C1125	403 304 1801	ELECT 100U M 6.3V	C1631	403 229 3508	ELECT 100U M 16V
	403 373 7704	ELECT 100U M 6.3V		403 335 0408	ELECT 100U M 16V
C1126	403 164 0204	CERAMIC 0.1U Z 25V	C1632	403 164 0204	CERAMIC 0.1U Z 25V
C1127	403 155 1302	CERAMIC 150P J 50V	C1633	403 157 3601	CERAMIC 100P J 50V
C1128	403 155 1302	CERAMIC 150P J 50V	C1634	403 149 9208	CERAMIC 0.01U Z 50V
C1129	403 215 2201	CERAMIC 0.01U K 50V	C165	403 113 3805	CERAMIC 1000P K 50V
C1131	403 304 1801	ELECT 100U M 6.3V	C1801	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT 100U M 6.3V	C1802	403 164 0204	CERAMIC 0.1U Z 25V
C1132	403 164 0204	CERAMIC 0.1U Z 25V	C1803	403 164 0204	CERAMIC 0.1U Z 25V
C1133	403 321 2607	ELECT 10U M 16V	C1804	403 304 1801	ELECT 100U M 6.3V
C1134	403 164 0204	CERAMIC 0.1U Z 25V		403 373 7704	ELECT 100U M 6.3V
C1135	403 322 7809	ELECT 220U M 6.3V	C1851	403 164 0204	CERAMIC 0.1U Z 25V
	403 349 4706	ELECT 220U M 6.3V	C1861	403 164 0204	CERAMIC 0.1U Z 25V
C1136	403 322 7809	ELECT 220U M 6.3V	C1862	403 164 0204	CERAMIC 0.1U Z 25V
	403 349 4706	ELECT 220U M 6.3V	C1871	403 164 0204	CERAMIC 0.1U Z 25V
C1137	403 323 1301	CERAMIC 0.47U Z 10V	C1872	403 164 0204	CERAMIC 0.1U Z 25V
C1141	403 164 0204	CERAMIC 0.1U Z 25V	C1874	403 155 1609	CERAMIC 33P J 50V
C1142	403 149 9208	CERAMIC 0.01U Z 50V	C1875	403 155 1609	CERAMIC 33P J 50V
C1143	403 304 3300	ELECT 47U M 16V	C1876	403 155 1609	CERAMIC 33P J 50V
C1144	403 164 0204	CERAMIC 0.1U Z 25V	C1877	403 155 1609	CERAMIC 33P J 50V
C1145	403 321 2607	ELECT 10U M 16V	C201	403 164 0204	CERAMIC 0.1U Z 25V
C1146	403 283 6309	CERAMIC 1U Z 10V	C202	403 164 0204	CERAMIC 0.1U Z 25V
C1148	403 164 0204	CERAMIC 0.1U Z 25V	C206	403 164 0204	CERAMIC 0.1U Z 25V
C1162	403 139 7306	CERAMIC 18P J 50V	C207	403 322 7809	ELECT 220U M 6.3V
C1163	403 157 3106	CERAMIC 56P J 50V		403 349 4706	ELECT 220U M 6.3V
C1165	403 266 8108	NP-ELECT 1U M 50V	C208	403 149 9208	CERAMIC 0.01U Z 50V

Electrical Parts List

Key No.	Part No.	Description			Key No.	Part No.	Description		
C209	403 164 0204	CERAMIC	0.1U Z	25V	C2357	403 304 1801	ELECT	100U M	6.3V
C210	403 322 7809	ELECT	220U M	6.3V		403 373 7704	ELECT	100U M	6.3V
	403 349 4706	ELECT	220U M	6.3V	C2358	403 283 6309	CERAMIC	1U Z	10V
C2101	403 149 9208	CERAMIC	0.01U Z	50V	C2359	403 283 6309	CERAMIC	1U Z	10V
C2102	403 149 9208	CERAMIC	0.01U Z	50V	C236	403 280 1604	ELECT	220U M	16V
C2103	403 304 1801	ELECT	100U M	6.3V	C2360	403 164 0204	CERAMIC	0.1U Z	25V
	403 373 7704	ELECT	100U M	6.3V	C2361	403 164 0204	CERAMIC	0.1U Z	25V
C2104	403 164 0204	CERAMIC	0.1U Z	25V	C2362	403 164 0204	CERAMIC	0.1U Z	25V
C2106	403 149 9208	CERAMIC	0.01U Z	50V	C2363	403 164 0204	CERAMIC	0.1U Z	25V
C2107	403 149 9208	CERAMIC	0.01U Z	50V	C2364	403 304 1801	ELECT	100U M	6.3V
C2108	403 266 8108	NP-ELECT	1U M	50V		403 373 7704	ELECT	100U M	6.3V
C211	403 164 0204	CERAMIC	0.1U Z	25V	C2365	403 283 6309	CERAMIC	1U Z	10V
C2111	403 304 2105	ELECT	47U M	6.3V	C2366	403 304 2402	ELECT	100U M	10V
C2112	403 164 0204	CERAMIC	0.1U Z	25V	C2367	403 164 0204	CERAMIC	0.1U Z	25V
C2113	403 304 2105	ELECT	47U M	6.3V	C2368	403 283 6309	CERAMIC	1U Z	10V
C2114	403 164 0204	CERAMIC	0.1U Z	25V	C2369	403 283 6309	CERAMIC	1U Z	10V
C2115	403 341 3905	POS-SOLID	100U M	6.3V	C237	403 164 0204	CERAMIC	0.1U Z	25V
C2116	403 164 0204	CERAMIC	0.1U Z	25V	C2371	403 283 6309	CERAMIC	1U Z	10V
C2117	403 304 2105	ELECT	47U M	6.3V	C2372	403 283 6309	CERAMIC	1U Z	10V
C2118	403 164 0204	CERAMIC	0.1U Z	25V	C2373	403 283 6309	CERAMIC	1U Z	10V
C2119	403 164 0204	CERAMIC	0.1U Z	25V	C2381	403 283 6309	CERAMIC	1U Z	10V
C2121	403 305 9905	CERAMIC	680P J	25V	C2382	403 283 6309	CERAMIC	1U Z	10V
C2122	403 149 9208	CERAMIC	0.01U Z	50V	C2383	403 304 1801	ELECT	100U M	6.3V
C2123	403 149 9208	CERAMIC	0.01U Z	50V		403 373 7704	ELECT	100U M	6.3V
C2127	403 164 0204	CERAMIC	0.1U Z	25V	C2384	403 113 3805	CERAMIC	1000P K	50V
C213	403 157 2505	CERAMIC	27P J	50V	C239	403 164 0204	CERAMIC	0.1U Z	25V
C217	403 157 2505	CERAMIC	27P J	50V	C241	403 357 7102	OS-SOLID	47U M	10V
C219	403 157 2505	CERAMIC	27P J	50V	C2419	403 164 0204	CERAMIC	0.1U Z	25V
C227	403 322 7809	ELECT	220U M	6.3V	C242	403 164 0204	CERAMIC	0.1U Z	25V
	403 349 4706	ELECT	220U M	6.3V	C243	403 164 0204	CERAMIC	0.1U Z	25V
C228	403 283 6309	CERAMIC	1U Z	10V	C244	403 205 2808	CERAMIC	0.047U K	25V
C229	403 322 7809	ELECT	220U M	6.3V	C245	403 283 6309	CERAMIC	1U Z	10V
	403 349 4706	ELECT	220U M	6.3V	C247	403 164 0204	CERAMIC	0.1U Z	25V
C230	403 283 6309	CERAMIC	1U Z	10V	C248	403 164 0204	CERAMIC	0.1U Z	25V
C2307	403 267 0804	NP-ELECT	47U M	6.3V	C249	403 283 6309	CERAMIC	1U Z	10V
C2308	403 267 0804	NP-ELECT	47U M	6.3V	C2501	403 164 0204	CERAMIC	0.1U Z	25V
C2309	403 267 0804	NP-ELECT	47U M	6.3V	C2502	403 164 0204	CERAMIC	0.1U Z	25V
C2314	403 164 0204	CERAMIC	0.1U Z	25V	C2507	403 164 0204	CERAMIC	0.1U Z	25V
C2315	403 164 0204	CERAMIC	0.1U Z	25V	C251	403 164 0204	CERAMIC	0.1U Z	25V
C2316	403 283 6309	CERAMIC	1U Z	10V	C2511	403 304 2105	ELECT	47U M	6.3V
C2317	403 283 6309	CERAMIC	1U Z	10V	C2512	403 164 0204	CERAMIC	0.1U Z	25V
C2318	403 283 6309	CERAMIC	1U Z	10V	C2513	403 164 0204	CERAMIC	0.1U Z	25V
C2319	403 283 6309	CERAMIC	1U Z	10V	C2514	403 164 0204	CERAMIC	0.1U Z	25V
C2324	403 283 6309	CERAMIC	1U Z	10V	C252	403 205 2808	CERAMIC	0.047U K	25V
C2325	403 283 6309	CERAMIC	1U Z	10V	C2521	403 164 0204	CERAMIC	0.1U Z	25V
C2326	403 280 0508	ELECT	470U M	4V	C2522	403 164 0204	CERAMIC	0.1U Z	25V
C2327	403 283 6309	CERAMIC	1U Z	10V	C2523	403 164 0204	CERAMIC	0.1U Z	25V
C2328	403 283 6309	CERAMIC	1U Z	10V	C2524	403 164 0204	CERAMIC	0.1U Z	25V
C2329	403 283 6309	CERAMIC	1U Z	10V	C2525	403 164 0204	CERAMIC	0.1U Z	25V
C2331	403 283 6309	CERAMIC	1U Z	10V	C2526	403 164 0204	CERAMIC	0.1U Z	25V
C2332	403 280 0508	ELECT	470U M	4V	C2527	403 164 0204	CERAMIC	0.1U Z	25V
C2333	403 283 6309	CERAMIC	1U Z	10V	C253	403 283 6309	CERAMIC	1U Z	10V
C2334	403 283 6309	CERAMIC	1U Z	10V	C2531	403 229 3508	ELECT	100U M	16V
C2335	403 283 6309	CERAMIC	1U Z	10V		403 335 0408	ELECT	100U M	16V
C2336	403 283 6309	CERAMIC	1U Z	10V	C2532	403 164 0204	CERAMIC	0.1U Z	25V
C2337	403 283 6309	CERAMIC	1U Z	10V	C2533	403 164 0204	CERAMIC	0.1U Z	25V
C2338	403 283 6309	CERAMIC	1U Z	10V	C2534	403 164 0204	CERAMIC	0.1U Z	25V
C2339	403 164 0204	CERAMIC	0.1U Z	25V	C2536	403 164 0204	CERAMIC	0.1U Z	25V
C234	403 164 0204	CERAMIC	0.1U Z	25V	C2537	403 164 0204	CERAMIC	0.1U Z	25V
C2341	403 298 9609	CERAMIC	0.1U K	16V	C2538	403 164 0204	CERAMIC	0.1U Z	25V
	403 325 3303	CERAMIC	0.1U K	16V	C2539	403 164 0204	CERAMIC	0.1U Z	25V
C2342	403 113 3805	CERAMIC	1000P K	50V	C256	403 164 0204	CERAMIC	0.1U Z	25V
C2343	403 283 6309	CERAMIC	1U Z	10V	C257	403 283 6309	CERAMIC	1U Z	10V
C2344	403 283 6309	CERAMIC	1U Z	10V	C259	403 205 2808	CERAMIC	0.047U K	25V
C2346	403 164 0204	CERAMIC	0.1U Z	25V	C261	403 283 6309	CERAMIC	1U Z	10V
C2347	403 164 0204	CERAMIC	0.1U Z	25V	C262	403 164 0204	CERAMIC	0.1U Z	25V
C2348	403 304 1801	ELECT	100U M	6.3V	C263	403 283 6309	CERAMIC	1U Z	10V
	403 373 7704	ELECT	100U M	6.3V	C264	403 283 6309	CERAMIC	1U Z	10V
C2349	403 283 6309	CERAMIC	1U Z	10V	C266	403 283 6309	CERAMIC	1U Z	10V
C235	403 322 7809	ELECT	220U M	6.3V	C267	403 283 6309	CERAMIC	1U Z	10V
	403 349 4706	ELECT	220U M	6.3V	C268	403 283 6309	CERAMIC	1U Z	10V
C2353	403 265 3203	CERAMIC	1000P J	50V	C269	403 283 6309	CERAMIC	1U Z	10V
C2354	403 164 0204	CERAMIC	0.1U Z	25V	C271	403 283 6309	CERAMIC	1U Z	10V
C2356	403 164 0204	CERAMIC	0.1U Z	25V	C272	403 157 7203	CERAMIC	3900P K	50V

Electrical Parts List

Key No.	Part No.	Description			Key No.	Part No.	Description				
C273	403 338 0108	CERAMIC	0.039U	K	25V	C3154	403 283 6309	CERAMIC	1U	Z	10V
C274	403 283 6309	CERAMIC	1U	Z	10V	C3156	403 164 0204	CERAMIC	0.1U	Z	25V
C276	403 283 6309	CERAMIC	1U	Z	10V	C3157	403 145 9905	CERAMIC	22P	J	50V
C277	403 283 6309	CERAMIC	1U	Z	10V	C3158	403 145 9905	CERAMIC	22P	J	50V
C278	403 283 6309	CERAMIC	1U	Z	10V	C3159	403 157 1904	CERAMIC	10P	D	50V
C279	403 283 6309	CERAMIC	1U	Z	10V	C316	403 164 0204	CERAMIC	0.1U	Z	25V
C281	403 283 6309	CERAMIC	1U	Z	10V	C3161	403 157 2901	CERAMIC	47P	J	50V
C282	403 283 6309	CERAMIC	1U	Z	10V	C3162	403 157 3601	CERAMIC	100P	J	50V
C283	403 283 6309	CERAMIC	1U	Z	10V	C3163	403 157 2901	CERAMIC	47P	J	50V
C285	403 164 0204	CERAMIC	0.1U	Z	25V	C3164	403 157 3601	CERAMIC	100P	J	50V
C286	403 164 0204	CERAMIC	0.1U	Z	25V	C3166	403 145 9905	CERAMIC	22P	J	50V
C287	403 304 1801	ELECT	100U	M	6.3V	C3167	403 157 2505	CERAMIC	27P	J	50V
	403 373 7704	ELECT	100U	M	6.3V	C317	403 164 0204	CERAMIC	0.1U	Z	25V
C289	403 164 0204	CERAMIC	0.1U	Z	25V	C318	403 164 0204	CERAMIC	0.1U	Z	25V
C291	403 164 0204	CERAMIC	0.1U	Z	25V	C319	403 164 0204	CERAMIC	0.1U	Z	25V
C292	403 304 1801	ELECT	100U	M	6.3V	C321	403 164 0204	CERAMIC	0.1U	Z	25V
	403 373 7704	ELECT	100U	M	6.3V	C3210	403 304 1801	ELECT	100U	M	6.3V
C293	403 164 0204	CERAMIC	0.1U	Z	25V		403 373 7704	ELECT	100U	M	6.3V
C294	403 164 0204	CERAMIC	0.1U	Z	25V	C3211	403 164 0204	CERAMIC	0.1U	Z	25V
C296	403 304 1801	ELECT	100U	M	6.3V	C3212	403 164 0204	CERAMIC	0.1U	Z	25V
	403 373 7704	ELECT	100U	M	6.3V	C3213	403 164 0204	CERAMIC	0.1U	Z	25V
C301	403 164 0204	CERAMIC	0.1U	Z	25V	C3214	403 164 0204	CERAMIC	0.1U	Z	25V
C302	403 304 1801	ELECT	100U	M	6.3V	C3215	403 164 0204	CERAMIC	0.1U	Z	25V
	403 373 7704	ELECT	100U	M	6.3V	C3216	403 164 0204	CERAMIC	0.1U	Z	25V
C303	403 304 1801	ELECT	100U	M	6.3V	C3217	403 164 0204	CERAMIC	0.1U	Z	25V
	403 373 7704	ELECT	100U	M	6.3V	C3218	403 164 0204	CERAMIC	0.1U	Z	25V
C304	403 164 0204	CERAMIC	0.1U	Z	25V	C322	403 164 0204	CERAMIC	0.1U	Z	25V
C305	403 304 1801	ELECT	100U	M	6.3V	C3227	403 164 0204	CERAMIC	0.1U	Z	25V
	403 373 7704	ELECT	100U	M	6.3V	C3228	403 164 0204	CERAMIC	0.1U	Z	25V
C306	403 304 1801	ELECT	100U	M	6.3V	C3229	403 149 9208	CERAMIC	0.01U	Z	50V
	403 373 7704	ELECT	100U	M	6.3V	C323	403 164 0204	CERAMIC	0.1U	Z	25V
C307	403 164 0204	CERAMIC	0.1U	Z	25V	C3232	403 304 2105	ELECT	47U	M	6.3V
C308	403 164 0204	CERAMIC	0.1U	Z	25V	C324	403 164 0204	CERAMIC	0.1U	Z	25V
C309	403 164 0204	CERAMIC	0.1U	Z	25V	C3257	403 164 0204	CERAMIC	0.1U	Z	25V
C3101	403 164 0204	CERAMIC	0.1U	Z	25V	C3258	403 164 0204	CERAMIC	0.1U	Z	25V
C3102	403 164 0204	CERAMIC	0.1U	Z	25V	C3259	403 149 9208	CERAMIC	0.01U	Z	50V
C3103	403 164 0204	CERAMIC	0.1U	Z	25V	C326	403 149 9208	CERAMIC	0.01U	Z	50V
C3104	403 149 9208	CERAMIC	0.01U	Z	50V	C3262	403 304 2105	ELECT	47U	M	6.3V
C3106	403 304 2105	ELECT	47U	M	6.3V	C329	403 164 0204	CERAMIC	0.1U	Z	25V
C3107	403 343 8809	CERAMIC	0.47U	Z	16V	C331	403 164 0204	CERAMIC	0.1U	Z	25V
C3108	403 304 2105	ELECT	47U	M	6.3V	C332	403 164 0204	CERAMIC	0.1U	Z	25V
C3109	403 343 8809	CERAMIC	0.47U	Z	16V	C333	403 164 0204	CERAMIC	0.1U	Z	25V
C3111	403 164 0204	CERAMIC	0.1U	Z	25V	C334	403 164 0204	CERAMIC	0.1U	Z	25V
C3111	403 164 0204	CERAMIC	0.1U	Z	25V	C336	403 164 0204	CERAMIC	0.1U	Z	25V
C3112	403 164 0204	CERAMIC	0.1U	Z	25V	C337	403 164 0204	CERAMIC	0.1U	Z	25V
C3113	403 164 0204	CERAMIC	0.1U	Z	25V	C338	403 164 0204	CERAMIC	0.1U	Z	25V
C3114	403 162 5300	ELECT	4.7U	M	25V	C339	403 164 0204	CERAMIC	0.1U	Z	25V
C3116	403 304 2105	ELECT	47U	M	6.3V	C341	403 304 2105	ELECT	47U	M	6.3V
C3117	403 164 0204	CERAMIC	0.1U	Z	25V	C342	403 164 0204	CERAMIC	0.1U	Z	25V
C3118	403 164 0204	CERAMIC	0.1U	Z	25V	C343	403 164 0204	CERAMIC	0.1U	Z	25V
C3119	403 304 2105	ELECT	47U	M	6.3V	C344	403 164 0204	CERAMIC	0.1U	Z	25V
C312	403 164 0204	CERAMIC	0.1U	Z	25V	C346	403 164 0204	CERAMIC	0.1U	Z	25V
C3121	403 157 1805	CERAMIC	9P	D	50V	C347	403 164 0204	CERAMIC	0.1U	Z	25V
C3122	403 164 0204	CERAMIC	0.1U	Z	25V	C3501	403 229 3508	ELECT	100U	M	16V
C3123	403 149 9208	CERAMIC	0.01U	Z	50V		403 335 0408	ELECT	100U	M	16V
C3124	403 162 6000	ELECT	0.47U	M	50V	C3502	403 164 0204	CERAMIC	0.1U	Z	25V
C3126	403 164 0204	CERAMIC	0.1U	Z	25V	C3503	403 164 0204	CERAMIC	0.1U	Z	25V
C3127	403 149 9208	CERAMIC	0.01U	Z	50V	C3504	403 164 0204	CERAMIC	0.1U	Z	25V
C3128	403 164 0204	CERAMIC	0.1U	Z	25V	C3505	403 164 0204	CERAMIC	0.1U	Z	25V
C3129	403 164 0204	CERAMIC	0.1U	Z	25V	C3506	403 164 0204	CERAMIC	0.1U	Z	25V
C313	403 164 0204	CERAMIC	0.1U	Z	25V	C3507	403 229 3508	ELECT	100U	M	16V
C3131	403 284 4304	CERAMIC	0.022U	K	50V		403 335 0408	ELECT	100U	M	16V
C3132	403 162 6604	ELECT	2.2U	M	50V	C3508	403 164 0204	CERAMIC	0.1U	Z	25V
C3133	403 113 3805	CERAMIC	1000P	K	50V	C351	403 304 2105	ELECT	47U	M	6.3V
C3134	403 157 2901	CERAMIC	47P	J	50V	C352	403 164 0204	CERAMIC	0.1U	Z	25V
C3135	403 322 7809	ELECT	220U	M	6.3V	C3531	403 229 3508	ELECT	100U	M	16V
	403 349 4706	ELECT	220U	M	6.3V		403 335 0408	ELECT	100U	M	16V
C3136	403 164 0204	CERAMIC	0.1U	Z	25V	C3532	403 164 0204	CERAMIC	0.1U	Z	25V
C3137	403 164 0204	CERAMIC	0.1U	Z	25V	C3533	403 164 0204	CERAMIC	0.1U	Z	25V
C3138	403 341 3905	POS-SOLID	100U	M	6.3V	C3534	403 164 0204	CERAMIC	0.1U	Z	25V
C3135	403 164 0204	CERAMIC	0.1U	Z	25V	C3535	403 164 0204	CERAMIC	0.1U	Z	25V
C3151	403 164 0204	CERAMIC	0.1U	Z	25V	C3536	403 164 0204	CERAMIC	0.1U	Z	25V
C3152	403 164 0204	CERAMIC	0.1U	Z	25V	C3537	403 229 3508	ELECT	100U	M	16V
C3153	403 164 0204	CERAMIC	0.1U	Z	25V		403 335 0408	ELECT	100U	M	16V

Electrical Parts List

Key No.	Part No.	Description		Key No.	Part No.	Description	
C3538	403 164 0204	CERAMIC	0.1U Z 25V	C4230	403 164 0204	CERAMIC	0.1U Z 25V
C3558	403 164 0204	CERAMIC	0.1U Z 25V	C4231	403 304 2105	ELECT	47U M 6.3V
C3561	403 229 3508	ELECT	100U M 16V	C4233	403 164 0204	CERAMIC	0.1U Z 25V
	403 335 0408	ELECT	100U M 16V	C4234	403 304 2105	ELECT	47U M 6.3V
C3562	403 164 0204	CERAMIC	0.1U Z 25V	C4236	403 164 0204	CERAMIC	0.1U Z 25V
C3563	403 164 0204	CERAMIC	0.1U Z 25V	C4237	403 155 1302	CERAMIC	150P J 50V
C3564	403 164 0204	CERAMIC	0.1U Z 25V	C4238	403 155 2200	CERAMIC	3300P K 50V
C3565	403 164 0204	CERAMIC	0.1U Z 25V	C4239	403 304 2105	ELECT	47U M 6.3V
C3566	403 164 0204	CERAMIC	0.1U Z 25V	C424	403 149 9208	CERAMIC	0.01U Z 50V
C3567	403 229 3508	ELECT	100U M 16V	C4241	403 164 0204	CERAMIC	0.1U Z 25V
	403 335 0408	ELECT	100U M 16V	C4246	403 164 0204	CERAMIC	0.1U Z 25V
C3581	403 304 1801	ELECT	100U M 6.3V	C4247	403 164 0204	CERAMIC	0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C4251	403 304 1801	ELECT	100U M 6.3V
C3582	403 164 0204	CERAMIC	0.1U Z 25V	C4252	403 164 0204	CERAMIC	0.1U Z 25V
C3583	403 304 1801	ELECT	100U M 6.3V	C4253	403 164 0204	CERAMIC	0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C426	403 149 9208	CERAMIC	0.01U Z 50V
C3584	403 164 0204	CERAMIC	0.1U Z 25V	C4262	403 164 0204	CERAMIC	0.1U Z 25V
C3591	403 321 2607	ELECT	10U M 16V	C4263	403 164 0204	CERAMIC	0.1U Z 25V
C361	403 164 0204	CERAMIC	0.1U Z 25V	C427	403 149 9208	CERAMIC	0.01U Z 50V
C362	403 164 0204	CERAMIC	0.1U Z 25V	C4272	403 164 0204	CERAMIC	0.1U Z 25V
C363	403 233 3808	CERAMIC	10P C 50V	C4273	403 164 0204	CERAMIC	0.1U Z 25V
C364	403 233 3808	CERAMIC	10P C 50V	C428	403 149 9208	CERAMIC	0.01U Z 50V
C3642	403 304 1801	ELECT	100U M 6.3V	C4281	403 164 0204	CERAMIC	0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C429	403 149 9208	CERAMIC	0.01U Z 50V
C365	403 164 0204	CERAMIC	0.1U Z 25V	C4295	403 347 5507	POS-SOLID	470U M 4V
C366	403 233 3808	CERAMIC	10P C 50V	C431	403 149 9208	CERAMIC	0.01U Z 50V
C367	403 233 3808	CERAMIC	10P C 50V	C432	403 149 9208	CERAMIC	0.01U Z 50V
C391	403 164 0204	CERAMIC	0.1U Z 25V	C433	403 149 9208	CERAMIC	0.01U Z 50V
C392	403 304 1801	ELECT	100U M 6.3V	C434	403 149 9208	CERAMIC	0.01U Z 50V
	403 373 7704	ELECT	100U M 6.3V	C436	403 149 9208	CERAMIC	0.01U Z 50V
C393	403 164 0204	CERAMIC	0.1U Z 25V	C437	403 149 9208	CERAMIC	0.01U Z 50V
C394	403 304 1801	ELECT	100U M 6.3V	C438	403 149 9208	CERAMIC	0.01U Z 50V
	403 373 7704	ELECT	100U M 6.3V	C439	403 149 9208	CERAMIC	0.01U Z 50V
C395	403 164 0204	CERAMIC	0.1U Z 25V	C4501	403 070 2606	CERAMIC	0.1U Z 50V
C396	403 347 5507	POS-SOLID	470U M 4V	C4502	403 175 3508	ELECT	22U M 35V
C397	403 157 1607	CERAMIC	6P D 50V	C4503	403 164 0204	CERAMIC	0.1U Z 25V
C401	403 164 0204	CERAMIC	0.1U Z 25V	C4504	403 164 0204	CERAMIC	0.1U Z 25V
C402	403 215 2201	CERAMIC	0.01U K 50V	C4506	403 164 0204	CERAMIC	0.1U Z 25V
C411	403 149 9208	CERAMIC	0.01U Z 50V	C4507	403 229 3508	ELECT	100U M 16V
C412	403 283 6309	CERAMIC	1U Z 10V		403 335 0408	ELECT	100U M 16V
C413	403 149 9208	CERAMIC	0.01U Z 50V	C4508	403 164 0204	CERAMIC	0.1U Z 25V
C414	403 149 9208	CERAMIC	0.01U Z 50V	C4509	403 164 0204	CERAMIC	0.1U Z 25V
C416	403 164 0204	CERAMIC	0.1U Z 25V	C4511	403 157 2901	CERAMIC	47P J 50V
C417	403 304 1801	ELECT	100U M 6.3V	C4512	403 233 3808	CERAMIC	10P C 50V
	403 373 7704	ELECT	100U M 6.3V	C4516	403 164 0204	CERAMIC	0.1U Z 25V
C418	403 304 1801	ELECT	100U M 6.3V	C4531	403 164 0204	CERAMIC	0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C4532	403 139 7306	CERAMIC	18P J 50V
C419	403 149 9208	CERAMIC	0.01U Z 50V	C4533	403 139 7306	CERAMIC	18P J 50V
C420	403 378 3107	CERAMIC	47U Z 6.3V	C4534	403 139 7306	CERAMIC	18P J 50V
C4201	403 164 0204	CERAMIC	0.1U Z 25V	C4541	403 283 6309	CERAMIC	1U Z 10V
C4202	403 304 1801	ELECT	100U M 6.3V	C4542	403 283 6309	CERAMIC	1U Z 10V
	403 373 7704	ELECT	100U M 6.3V	C4543	403 283 6309	CERAMIC	1U Z 10V
C4203	403 164 0204	CERAMIC	0.1U Z 25V	C4544	403 280 1604	ELECT	220U M 16V
C4204	403 164 0204	CERAMIC	0.1U Z 25V	C4545	403 164 0204	CERAMIC	0.1U Z 25V
C4206	403 164 0204	CERAMIC	0.1U Z 25V	C4546	403 157 1904	CERAMIC	10P D 50V
C421	403 283 6309	CERAMIC	1U Z 10V	C4547	403 157 1904	CERAMIC	10P D 50V
C4211	403 164 0204	CERAMIC	0.1U Z 25V	C4548	403 157 1904	CERAMIC	10P D 50V
C4212	403 304 1801	ELECT	100U M 6.3V	C4581	403 155 1609	CERAMIC	33P J 50V
	403 373 7704	ELECT	100U M 6.3V	C4582	403 155 1609	CERAMIC	33P J 50V
C4213	403 164 0204	CERAMIC	0.1U Z 25V	C4583	403 155 1609	CERAMIC	33P J 50V
C4214	403 164 0204	CERAMIC	0.1U Z 25V	C4584	403 157 1508	CERAMIC	3P C 50V
C4216	403 164 0204	CERAMIC	0.1U Z 25V	C4586	403 157 1508	CERAMIC	3P C 50V
C4217	403 164 0204	CERAMIC	0.1U Z 25V	C4587	403 157 1508	CERAMIC	3P C 50V
C4218	403 164 0204	CERAMIC	0.1U Z 25V	C4652	403 233 3808	CERAMIC	10P C 50V
C422	403 149 9208	CERAMIC	0.01U Z 50V	C4801	403 164 0204	CERAMIC	0.1U Z 25V
C4221	403 164 0204	CERAMIC	0.1U Z 25V	C4802	403 164 0204	CERAMIC	0.1U Z 25V
C4222	403 164 0204	CERAMIC	0.1U Z 25V	C4803	403 164 0204	CERAMIC	0.1U Z 25V
C4223	403 164 0204	CERAMIC	0.1U Z 25V	C4804	403 164 0204	CERAMIC	0.1U Z 25V
C4226	403 164 0204	CERAMIC	0.1U Z 25V	C481	403 304 1801	ELECT	100U M 6.3V
C4227	403 164 0204	CERAMIC	0.1U Z 25V		403 373 7704	ELECT	100U M 6.3V
C4228	403 164 0204	CERAMIC	0.1U Z 25V	C4813	403 304 1801	ELECT	100U M 6.3V
C4229	403 164 0204	CERAMIC	0.1U Z 25V		403 373 7704	ELECT	100U M 6.3V
C423	403 149 9208	CERAMIC	0.01U Z 50V	C4814	403 164 0204	CERAMIC	0.1U Z 25V

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
C4821	403 164 0204	CERAMIC 0.1U Z 25V	C6312	403 164 0204	CERAMIC 0.1U Z 25V
C4822	403 164 0204	CERAMIC 0.1U Z 25V	C6313	403 113 3805	CERAMIC 1000P K 50V
C483	403 304 1801	ELECT 100U M 6.3V	C6314	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT 100U M 6.3V	C6322	403 341 3905	POS-SOLID 100U M 6.3V
C4831	403 164 0204	CERAMIC 0.1U Z 25V	C6323	403 164 0204	CERAMIC 0.1U Z 25V
C4836	403 164 0204	CERAMIC 0.1U Z 25V	C6324	403 113 3805	CERAMIC 1000P K 50V
C484	403 304 1801	ELECT 100U M 6.3V	C6326	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT 100U M 6.3V	C6327	403 164 0204	CERAMIC 0.1U Z 25V
C4841	403 164 0204	CERAMIC 0.1U Z 25V	C6328	403 164 0204	CERAMIC 0.1U Z 25V
C4842	403 164 0204	CERAMIC 0.1U Z 25V	C6329	403 164 0204	CERAMIC 0.1U Z 25V
C4851	403 164 0204	CERAMIC 0.1U Z 25V	C6331	403 164 0204	CERAMIC 0.1U Z 25V
C486	403 304 1801	ELECT 100U M 6.3V	C6332	403 113 3805	CERAMIC 1000P K 50V
	403 373 7704	ELECT 100U M 6.3V	C6333	403 164 0204	CERAMIC 0.1U Z 25V
C4861	403 164 0204	CERAMIC 0.1U Z 25V	C6334	403 113 3805	CERAMIC 1000P K 50V
C4862	403 164 0204	CERAMIC 0.1U Z 25V	C6335	403 164 0204	CERAMIC 0.1U Z 25V
C487	403 164 0204	CERAMIC 0.1U Z 25V	C6341	403 164 0204	CERAMIC 0.1U Z 25V
C4881	403 322 7809	ELECT 220U M 6.3V	C6343	403 164 0204	CERAMIC 0.1U Z 25V
	403 349 4706	ELECT 220U M 6.3V	C6344	403 113 3805	CERAMIC 1000P K 50V
C4883	403 322 7809	ELECT 220U M 6.3V	C6346	403 164 0204	CERAMIC 0.1U Z 25V
	403 349 4706	ELECT 220U M 6.3V	C6347	403 164 0204	CERAMIC 0.1U Z 25V
C4891	403 298 9609	CERAMIC 0.1U K 16V	C6348	403 164 0204	CERAMIC 0.1U Z 25V
	403 325 3303	CERAMIC 0.1U K 16V	C6349	403 164 0204	CERAMIC 0.1U Z 25V
C501	403 164 0204	CERAMIC 0.1U Z 25V	C6351	403 164 0204	CERAMIC 0.1U Z 25V
C502	403 164 0204	CERAMIC 0.1U Z 25V	C6352	403 113 3805	CERAMIC 1000P K 50V
C507	403 164 0204	CERAMIC 0.1U Z 25V	C6353	403 164 0204	CERAMIC 0.1U Z 25V
C511	403 304 2105	ELECT 47U M 6.3V	C6354	403 113 3805	CERAMIC 1000P K 50V
C512	403 164 0204	CERAMIC 0.1U Z 25V	C6355	403 164 0204	CERAMIC 0.1U Z 25V
C513	403 164 0204	CERAMIC 0.1U Z 25V	C6361	403 164 0204	CERAMIC 0.1U Z 25V
C514	403 164 0204	CERAMIC 0.1U Z 25V	C6362	403 341 3905	POS-SOLID 100U M 6.3V
C521	403 164 0204	CERAMIC 0.1U Z 25V	C6364	403 164 0204	CERAMIC 0.1U Z 25V
C522	403 164 0204	CERAMIC 0.1U Z 25V	C6365	403 113 3805	CERAMIC 1000P K 50V
C523	403 164 0204	CERAMIC 0.1U Z 25V	C6366	403 113 3805	CERAMIC 1000P K 50V
C524	403 164 0204	CERAMIC 0.1U Z 25V	C6368	403 164 0204	CERAMIC 0.1U Z 25V
C525	403 164 0204	CERAMIC 0.1U Z 25V	C6369	403 164 0204	CERAMIC 0.1U Z 25V
C526	403 164 0204	CERAMIC 0.1U Z 25V	C6371	403 164 0204	CERAMIC 0.1U Z 25V
C527	403 164 0204	CERAMIC 0.1U Z 25V	C6372	403 113 3805	CERAMIC 1000P K 50V
C531	403 229 3508	ELECT 100U M 16V	C6373	403 164 0204	CERAMIC 0.1U Z 25V
	403 335 0408	ELECT 100U M 16V	C6374	403 113 3805	CERAMIC 1000P K 50V
C532	403 164 0204	CERAMIC 0.1U Z 25V	C6376	403 164 0204	CERAMIC 0.1U Z 25V
C533	403 164 0204	CERAMIC 0.1U Z 25V	C7207	403 164 0204	CERAMIC 0.1U Z 25V
C534	403 164 0204	CERAMIC 0.1U Z 25V	C7208	403 164 0204	CERAMIC 0.1U Z 25V
C536	403 164 0204	CERAMIC 0.1U Z 25V	C7801	403 164 0204	CERAMIC 0.1U Z 25V
C537	403 164 0204	CERAMIC 0.1U Z 25V	C7802	403 164 0204	CERAMIC 0.1U Z 25V
C538	403 164 0204	CERAMIC 0.1U Z 25V	C7803	403 164 0204	CERAMIC 0.1U Z 25V
C539	403 164 0204	CERAMIC 0.1U Z 25V	C7806	403 304 3300	ELECT 47U M 16V
C5501	403 164 0204	CERAMIC 0.1U Z 25V	C7807	403 304 3300	ELECT 47U M 16V
C5503	403 164 0204	CERAMIC 0.1U Z 25V	C7821	403 321 7404	ELECT 100U M 16V
C5504	403 164 0204	CERAMIC 0.1U Z 25V	C7822	403 164 0204	CERAMIC 0.1U Z 25V
C5510	403 304 3300	ELECT 47U M 16V	C7831	403 164 0204	CERAMIC 0.1U Z 25V
C5521	403 164 0204	CERAMIC 0.1U Z 25V	C7832	403 321 7503	ELECT 220U M 16V
C5531	403 164 0204	CERAMIC 0.1U Z 25V	C7833	403 280 1604	ELECT 220U M 16V
C5532	403 378 3107	CERAMIC 47U Z 6.3V	C7841	403 321 7404	ELECT 100U M 16V
C5533	403 164 0204	CERAMIC 0.1U Z 25V	C7842	403 164 0204	CERAMIC 0.1U Z 25V
C5534	403 164 0204	CERAMIC 0.1U Z 25V	C7851	403 164 0204	CERAMIC 0.1U Z 25V
C5551	403 164 0204	CERAMIC 0.1U Z 25V	C7852	403 321 7503	ELECT 220U M 16V
C5553	403 164 0204	CERAMIC 0.1U Z 25V	C7853	403 229 3508	ELECT 100U M 16V
C5554	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0408	ELECT 100U M 16V
C5559	403 304 3300	ELECT 47U M 16V	C7861	403 321 7503	ELECT 220U M 16V
C5801	403 164 0204	CERAMIC 0.1U Z 25V	C7862	403 164 0204	CERAMIC 0.1U Z 25V
C5831	403 164 0204	CERAMIC 0.1U Z 25V	C7871	403 164 0204	CERAMIC 0.1U Z 25V
C5861	403 164 0204	CERAMIC 0.1U Z 25V	C7872	403 321 7503	ELECT 220U M 16V
C5881	403 164 0204	CERAMIC 0.1U Z 25V	C7873	403 280 1604	ELECT 220U M 16V
C6300	403 164 0204	CERAMIC 0.1U Z 25V	C7881	403 321 7503	ELECT 220U M 16V
C6301	403 164 0204	CERAMIC 0.1U Z 25V	C7882	403 164 0204	CERAMIC 0.1U Z 25V
C6302	403 304 1801	ELECT 100U M 6.3V	C7891	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT 100U M 6.3V	C7892	403 321 7503	ELECT 220U M 16V
C6303	403 164 0204	CERAMIC 0.1U Z 25V	C7893	403 280 1604	ELECT 220U M 16V
C6304	403 113 3805	CERAMIC 1000P K 50V	C8001	403 304 1801	ELECT 100U M 6.3V
C6305	403 113 3805	CERAMIC 1000P K 50V		403 373 7704	ELECT 100U M 6.3V
C6306	403 164 0204	CERAMIC 0.1U Z 25V	C8002	403 283 6309	CERAMIC 1U Z 10V
C6307	403 164 0204	CERAMIC 0.1U Z 25V	C8003	403 304 1801	ELECT 100U M 6.3V
C6308	403 164 0204	CERAMIC 0.1U Z 25V		403 373 7704	ELECT 100U M 6.3V
C6309	403 164 0204	CERAMIC 0.1U Z 25V	C8004	403 283 6309	CERAMIC 1U Z 10V
C6311	403 113 3805	CERAMIC 1000P K 50V	C8006	403 169 2807	CERAMIC 330P J 50V

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description	
C8007	403 304 1801	ELECT	100U M 6.3V	C9407	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C9411	403 164 0204	CERAMIC 0.1U Z 25V
C8008	403 283 6309	CERAMIC 1U Z 10V		C9412	403 164 0204	CERAMIC 0.1U Z 25V
C8009	403 157 3601	CERAMIC 100P J 50V		C9413	403 164 0204	CERAMIC 0.1U Z 25V
C8011	403 157 3601	CERAMIC 100P J 50V		C9414	403 164 0204	CERAMIC 0.1U Z 25V
C8012	403 157 3601	CERAMIC 100P J 50V		C9416	403 164 0204	CERAMIC 0.1U Z 25V
C8013	403 157 3601	CERAMIC 100P J 50V		C9417	403 164 0204	CERAMIC 0.1U Z 25V
C8014	403 157 3601	CERAMIC 100P J 50V		C9418	403 164 0204	CERAMIC 0.1U Z 25V
C8016	403 164 0204	CERAMIC 0.1U Z 25V		C9419	403 164 0204	CERAMIC 0.1U Z 25V
C8017	403 164 0204	CERAMIC 0.1U Z 25V		C9421	403 164 0204	CERAMIC 0.1U Z 25V
C8018	403 304 1801	ELECT	100U M 6.3V	C9422	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C9423	403 164 0204	CERAMIC 0.1U Z 25V
C8019	403 283 6309	CERAMIC 1U Z 10V		C9426	403 164 0204	CERAMIC 0.1U Z 25V
C802	403 164 0204	CERAMIC 0.1U Z 25V		C9427	403 164 0204	CERAMIC 0.1U Z 25V
C8021	403 155 1500	CERAMIC 180P J 50V		C9428	403 164 0204	CERAMIC 0.1U Z 25V
C8022	403 169 2807	CERAMIC 330P J 50V		C9429	403 164 0204	CERAMIC 0.1U Z 25V
C8023	403 169 2807	CERAMIC 330P J 50V		C9431	403 164 0204	CERAMIC 0.1U Z 25V
C8024	403 155 1500	CERAMIC 180P J 50V		C9432	403 164 0204	CERAMIC 0.1U Z 25V
C8026	403 169 2807	CERAMIC 330P J 50V		C9433	403 164 0204	CERAMIC 0.1U Z 25V
C8027	403 155 1500	CERAMIC 180P J 50V		C9434	403 164 0204	CERAMIC 0.1U Z 25V
C8028	403 169 2807	CERAMIC 330P J 50V		C9436	403 164 0204	CERAMIC 0.1U Z 25V
C803	403 155 1609	CERAMIC 33P J 50V		C9437	403 164 0204	CERAMIC 0.1U Z 25V
C8031	403 304 1801	ELECT	100U M 6.3V	C9438	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C9439	403 164 0204	CERAMIC 0.1U Z 25V
C8032	403 298 9609	CERAMIC 0.1U K 16V		C9441	403 164 0204	CERAMIC 0.1U Z 25V
	403 325 3303	CERAMIC 0.1U K 16V		C9442	403 164 0204	CERAMIC 0.1U Z 25V
C804	403 155 1609	CERAMIC 33P J 50V		C9443	403 164 0204	CERAMIC 0.1U Z 25V
C805	403 164 0204	CERAMIC 0.1U Z 25V		C9444	403 164 0204	CERAMIC 0.1U Z 25V
C806	403 304 2105	ELECT 47U M 6.3V		C9451	403 304 1801	ELECT 100U M 6.3V
C8061	403 304 2105	ELECT	47U M 6.3V		403 373 7704	ELECT 100U M 6.3V
C8062	403 164 0204	CERAMIC 0.1U Z 25V		C9452	403 164 0204	CERAMIC 0.1U Z 25V
C807	403 164 0204	CERAMIC 0.1U Z 25V		C9453	403 164 0204	CERAMIC 0.1U Z 25V
C8071	403 164 0204	CERAMIC 0.1U Z 25V		C9454	403 164 0204	CERAMIC 0.1U Z 25V
C808	403 215 1006	CERAMIC 470P J 50V		C9456	403 164 0204	CERAMIC 0.1U Z 25V
C8081	403 164 0204	CERAMIC 0.1U Z 25V		C9457	403 164 0204	CERAMIC 0.1U Z 25V
C809	403 283 6309	CERAMIC 1U Z 10V		C9458	403 164 0204	CERAMIC 0.1U Z 25V
C8091	403 164 0204	CERAMIC 0.1U Z 25V		C9459	403 164 0204	CERAMIC 0.1U Z 25V
C8092	403 164 0204	CERAMIC 0.1U Z 25V		C9461	403 164 0204	CERAMIC 0.1U Z 25V
C8093	403 304 2105	ELECT	47U M 6.3V	C9462	403 164 0204	CERAMIC 0.1U Z 25V
C810	403 164 0204	CERAMIC 0.1U Z 25V		C9463	403 164 0204	CERAMIC 0.1U Z 25V
C811	403 164 0204	CERAMIC 0.1U Z 25V		C9465	403 164 0204	CERAMIC 0.1U Z 25V
C812	403 164 0204	CERAMIC 0.1U Z 25V		C9501	403 304 2402	ELECT 100U M 10V
C813	403 164 0204	CERAMIC 0.1U Z 25V		C9502	403 164 0204	CERAMIC 0.1U Z 25V
C814	403 304 1801	ELECT	100U M 6.3V	C9503	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C9504	403 164 0204	CERAMIC 0.1U Z 25V
C815	403 164 0204	CERAMIC 0.1U Z 25V		C9506	403 164 0204	CERAMIC 0.1U Z 25V
C816	403 164 0204	CERAMIC 0.1U Z 25V		C9507	403 164 0204	CERAMIC 0.1U Z 25V
C817	403 164 0204	CERAMIC 0.1U Z 25V		C9508	403 164 0204	CERAMIC 0.1U Z 25V
C818	403 304 1801	ELECT	100U M 6.3V	C9509	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C9511	403 164 0204	CERAMIC 0.1U Z 25V
C819	403 164 0204	CERAMIC 0.1U Z 25V		C9512	403 164 0204	CERAMIC 0.1U Z 25V
C820	403 164 0204	CERAMIC 0.1U Z 25V		C9513	403 164 0204	CERAMIC 0.1U Z 25V
C821	403 164 0204	CERAMIC 0.1U Z 25V		C9514	403 164 0204	CERAMIC 0.1U Z 25V
C822	403 164 0204	CERAMIC 0.1U Z 25V		C9516	403 164 0204	CERAMIC 0.1U Z 25V
C823	403 164 0204	CERAMIC 0.1U Z 25V		C9801	403 304 1801	ELECT 100U M 6.3V
C824	403 164 0204	CERAMIC 0.1U Z 25V			403 373 7704	ELECT 100U M 6.3V
C831	403 164 0204	CERAMIC 0.1U Z 25V		C9802	403 164 0204	CERAMIC 0.1U Z 25V
C832	403 283 6309	CERAMIC 1U Z 10V		C9803	403 153 9102	CERAMIC 5P C 50V
C834	403 164 0204	CERAMIC 0.1U Z 25V		C9804	403 113 3805	CERAMIC 1000P K 50V
C8611	403 304 1801	ELECT	100U M 6.3V	C9805	403 298 9609	CERAMIC 0.1U K 16V
	403 373 7704	ELECT	100U M 6.3V		403 325 3303	CERAMIC 0.1U K 16V
C8612	403 304 1801	ELECT	100U M 6.3V	C9806	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C9807	403 304 1801	ELECT 100U M 6.3V
C8613	403 164 0204	CERAMIC 0.1U Z 25V			403 373 7704	ELECT 100U M 6.3V
C8614	403 164 0204	CERAMIC 0.1U Z 25V		C9808	403 164 0204	CERAMIC 0.1U Z 25V
C9401	403 304 1801	ELECT	100U M 6.3V	C9809	403 164 0204	CERAMIC 0.1U Z 25V
	403 373 7704	ELECT	100U M 6.3V	C9822	403 164 0204	CERAMIC 0.1U Z 25V
C9402	403 304 1801	ELECT	100U M 6.3V	C9851	403 298 9609	CERAMIC 0.1U K 16V
	403 373 7704	ELECT	100U M 6.3V		403 325 3303	CERAMIC 0.1U K 16V
C9403	403 304 1801	ELECT	100U M 6.3V	C9852	403 155 1609	CERAMIC 33P J 50V
	403 373 7704	ELECT	100U M 6.3V	C9853	403 155 1609	CERAMIC 33P J 50V
C9404	403 164 0204	CERAMIC 0.1U Z 25V		C9882	403 298 9609	CERAMIC 0.1U K 16V
C9406	403 304 1801	ELECT	100U M 6.3V		403 325 3303	CERAMIC 0.1U K 16V
	403 373 7704	ELECT	100U M 6.3V	C9884	403 298 9609	CERAMIC 0.1U K 16V

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
C9885	403 325 3303	CERAMIC 0.1U K 16V	RB801	645 028 5981	R-NETWORK 10X4 1/16W
	403 155 1609	CERAMIC 33P J 50V		645 037 4920	R-NETWORK 3.3KX4 0.063W
C9886	403 155 1609	CERAMIC 33P J 50V	RB8011	645 031 4070	R-NETWORK 3.3KX4 1/16W
C9887	403 175 4802	NP-ELECT 10U M 10V		645 037 3107	R-NETWORK 10X4 0.063W
RESISTOR				645 028 5981	R-NETWORK 10X4 1/16W
RB1401	645 037 0663	R-NETWORK 22X4 0.063W	RB8012	645 037 3107	R-NETWORK 10X4 0.063W
	645 021 4943	R-NETWORK 22X4 1/16W		645 028 5981	R-NETWORK 10X4 1/16W
RB1402	645 037 0663	R-NETWORK 22X4 0.063W	RB8013	645 037 3107	R-NETWORK 10X4 0.063W
	645 021 4943	R-NETWORK 22X4 1/16W		645 028 5981	R-NETWORK 10X4 1/16W
RB1403	645 037 0663	R-NETWORK 22X4 0.063W	RB8014	645 037 3107	R-NETWORK 10X4 0.063W
	645 021 4943	R-NETWORK 22X4 1/16W		645 028 5981	R-NETWORK 10X4 1/16W
RB1404	645 037 0663	R-NETWORK 22X4 0.063W	RB802	645 037 4920	R-NETWORK 3.3KX4 0.063W
	645 021 4943	R-NETWORK 22X4 1/16W		645 031 4070	R-NETWORK 3.3KX4 1/16W
RB1406	645 037 0663	R-NETWORK 22X4 0.063W	RB803	645 037 4920	R-NETWORK 3.3KX4 0.063W
	645 021 4943	R-NETWORK 22X4 1/16W		645 031 4070	R-NETWORK 3.3KX4 1/16W
RB1407	645 037 0663	R-NETWORK 22X4 0.063W	RB804	645 037 4920	R-NETWORK 3.3KX4 0.063W
	645 021 4943	R-NETWORK 22X4 1/16W		645 031 4070	R-NETWORK 3.3KX4 1/16W
RB1501	645 037 0656	R-NETWORK 0X4 0.063W	RB9411	645 027 1519	R-NETWORK 0X4 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	RB9412	645 027 1519	R-NETWORK 0X4 1/16W
RB1502	645 037 0656	R-NETWORK 0X4 0.063W	RB9413	645 027 1519	R-NETWORK 0X4 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	RB9414	645 027 1519	R-NETWORK 0X4 1/16W
RB1503	645 037 0656	R-NETWORK 0X4 0.063W	RB9416	645 027 1519	R-NETWORK 0X4 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	RB9417	645 027 1519	R-NETWORK 0X4 1/16W
RB1504	645 037 0656	R-NETWORK 0X4 0.063W	RB9418	645 027 1519	R-NETWORK 0X4 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	RB9419	645 027 1519	R-NETWORK 0X4 1/16W
RB2501	645 037 0656	R-NETWORK 0X4 0.063W	RB9802	645 021 0365	R-NETWORK 100KX4 0.063W
	645 024 7477	R-NETWORK 0X4 1/16W		645 025 5397	R-NETWORK 100KX4 1/16W
RB2502	645 037 0656	R-NETWORK 0X4 0.063W	RB9806	645 021 0365	R-NETWORK 100KX4 0.063W
	645 024 7477	R-NETWORK 0X4 1/16W		645 025 5397	R-NETWORK 100KX4 1/16W
RB2503	645 037 0656	R-NETWORK 0X4 0.063W	R1101	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	R1102	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB2504	645 037 0656	R-NETWORK 0X4 0.063W	R1103	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	R1104	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB501	645 037 0656	R-NETWORK 0X4 0.063W	R1105	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	R1106	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB502	645 037 0656	R-NETWORK 0X4 0.063W	R1107	401 105 2706	MT-GLAZE 220 JA 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	R1108	401 105 2706	MT-GLAZE 220 JA 1/16W
RB503	645 037 0656	R-NETWORK 0X4 0.063W	R1109	401 105 5202	MT-GLAZE 470 JA 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	R1112	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB504	645 037 0656	R-NETWORK 0X4 0.063W	R1113	401 105 0702	MT-GLAZE 100K JA 1/16W
	645 024 7477	R-NETWORK 0X4 1/16W	R1114	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB5801	645 028 0726	R-NETWORK 100KX4 1/32W	R1115	401 105 0405	MT-GLAZE 100 JA 1/16W
RB5802	645 028 0719	R-NETWORK 10KX4 1/32W	R1116	401 105 0405	MT-GLAZE 100 JA 1/16W
RB5811	645 037 0816	R-NETWORK 0X4 1/32W	R1117	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB5812	645 037 0816	R-NETWORK 0X4 1/32W	R1118	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB5831	645 028 0719	R-NETWORK 10KX4 1/32W	R1121	401 105 0504	MT-GLAZE 1K JA 1/16W
RB5832	645 028 0719	R-NETWORK 10KX4 1/32W	R1123	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB5841	645 037 0816	R-NETWORK 0X4 1/32W	R1124	401 105 0504	MT-GLAZE 1K JA 1/16W
RB5842	645 037 0816	R-NETWORK 0X4 1/32W	R1126	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB5861	645 028 0719	R-NETWORK 10KX4 1/32W	R1127	401 105 4601	MT-GLAZE 3.9K JA 1/16W
RB5862	645 028 0719	R-NETWORK 10KX4 1/32W	R1128	401 105 6063	MT-GLAZE 10K JA 1/16W
RB5871	645 037 0816	R-NETWORK 0X4 1/32W	R1129	401 105 8104	MT-GLAZE 56K JA 1/16W
RB5872	645 037 0816	R-NETWORK 0X4 1/32W	R1131	401 105 5400	MT-GLAZE 47K JA 1/16W
RB5881	645 028 0719	R-NETWORK 10KX4 1/32W	R1132	401 105 0504	MT-GLAZE 1K JA 1/16W
RB5882	645 028 0719	R-NETWORK 10KX4 1/32W	R1133	401 105 2003	MT-GLAZE 1.8K JA 1/16W
RB5891	645 037 0816	R-NETWORK 0X4 1/32W	R1134	401 105 6506	MT-GLAZE 680 JA 1/16W
RB5892	645 037 0816	R-NETWORK 0X4 1/32W	R1135	401 105 3307	MT-GLAZE 2.7K JA 1/16W
RB8001	645 037 3107	R-NETWORK 10X4 0.063W	R1136	401 105 2706	MT-GLAZE 220 JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1137	401 105 6506	MT-GLAZE 680 JA 1/16W
RB8002	645 037 3107	R-NETWORK 10X4 0.063W	R1139	401 105 5103	MT-GLAZE 47 JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1141	401 105 0504	MT-GLAZE 1K JA 1/16W
RB8003	645 037 3107	R-NETWORK 10X4 0.063W	R1142	401 105 8104	MT-GLAZE 56K JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1143	401 105 5400	MT-GLAZE 47K JA 1/16W
RB8004	645 037 3107	R-NETWORK 10X4 0.063W	R1144	401 105 0504	MT-GLAZE 1K JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1145	401 105 2003	MT-GLAZE 1.8K JA 1/16W
RB8005	645 037 3107	R-NETWORK 10X4 0.063W	R1146	401 105 6506	MT-GLAZE 680 JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1147	401 105 3307	MT-GLAZE 2.7K JA 1/16W
RB8006	645 037 3107	R-NETWORK 10X4 0.063W	R1148	401 105 2706	MT-GLAZE 220 JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1149	401 105 6506	MT-GLAZE 680 JA 1/16W
RB8007	645 037 3107	R-NETWORK 10X4 0.063W	R1153	401 105 5103	MT-GLAZE 47 JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1154	401 105 0504	MT-GLAZE 1K JA 1/16W
RB8008	645 037 3107	R-NETWORK 10X4 0.063W	R1155	401 105 5202	MT-GLAZE 470 JA 1/16W
	645 028 5981	R-NETWORK 10X4 1/16W	R1156	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB8009	645 037 3107	R-NETWORK 10X4 0.063W	R1157	401 105 7909	MT-GLAZE 0.000 ZA 1/16W

Electrical Parts List

Key No.	Part No.	Description		Key No.	Part No.	Description	
R1160	401 105 0603	MT-GLAZE	10K JA 1/16W	R1518	401 105 0405	MT-GLAZE	100 JA 1/16W
R1162	401 105 0504	MT-GLAZE	1K JA 1/16W	R1519	401 105 0405	MT-GLAZE	100 JA 1/16W
R1163	401 105 0504	MT-GLAZE	1K JA 1/16W	R152	401 105 3307	MT-GLAZE	2.7K JA 1/16W
R1164	401 105 4601	MT-GLAZE	3.9K JA 1/16W	R1521	401 105 0405	MT-GLAZE	100 JA 1/16W
R1316	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1522	401 105 0405	MT-GLAZE	100 JA 1/16W
R1351	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1524	401 105 0405	MT-GLAZE	100 JA 1/16W
R140	401 105 2805	MT-GLAZE	2.2K JA 1/16W	R153	401 105 0504	MT-GLAZE	1K JA 1/16W
R1401	401 105 0306	MT-GLAZE	10 JA 1/16W	R1531	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1402	401 105 0306	MT-GLAZE	10 JA 1/16W	R1532	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1403	401 105 0306	MT-GLAZE	10 JA 1/16W	R1533	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1404	401 105 0306	MT-GLAZE	10 JA 1/16W	R1534	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1406	401 105 0306	MT-GLAZE	10 JA 1/16W	R1535	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1407	401 105 0306	MT-GLAZE	10 JA 1/16W	R1536	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1409	401 105 0306	MT-GLAZE	10 JA 1/16W	R154	401 105 0405	MT-GLAZE	100 JA 1/16W
R141	401 105 2904	MT-GLAZE	22K JA 1/16W	R1542	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1411	401 105 0306	MT-GLAZE	10 JA 1/16W	R1543	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1412	401 105 0306	MT-GLAZE	10 JA 1/16W	R1544	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1416	401 105 0306	MT-GLAZE	10 JA 1/16W	R1547	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1417	401 105 0306	MT-GLAZE	10 JA 1/16W	R1548	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1418	401 105 0306	MT-GLAZE	10 JA 1/16W	R1549	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1419	401 105 0306	MT-GLAZE	10 JA 1/16W	R1555	401 105 0603	MT-GLAZE	10K JA 1/16W
R142	401 105 1600	MT-GLAZE	15K JA 1/16W	R1556	401 113 6406	MT-GLAZE	5.1K JA 1/16W
R1421	401 105 2607	MT-GLAZE	22 JA 1/16W	R1557	401 105 1105	MT-GLAZE	12K JA 1/16W
R1422	401 105 2607	MT-GLAZE	22 JA 1/16W	R159	401 105 3000	MT-GLAZE	220K JA 1/16W
R1423	401 105 0306	MT-GLAZE	10 JA 1/16W	R1601	401 105 0603	MT-GLAZE	10K JA 1/16W
R1424	401 105 0306	MT-GLAZE	10 JA 1/16W	R1602	401 105 0603	MT-GLAZE	10K JA 1/16W
R1426	401 105 0306	MT-GLAZE	10 JA 1/16W	R1603	401 105 5400	MT-GLAZE	47K JA 1/16W
R1427	401 105 0306	MT-GLAZE	10 JA 1/16W	R1604	401 105 3406	MT-GLAZE	27K JA 1/16W
R1428	401 105 0306	MT-GLAZE	10 JA 1/16W	R1606	401 105 4106	MT-GLAZE	3.3K JA 1/16W
R1429	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1607	401 105 2904	MT-GLAZE	22K JA 1/16W
R143	401 105 0504	MT-GLAZE	1K JA 1/16W	R161	401 105 5400	MT-GLAZE	47K JA 1/16W
R1432	401 105 0306	MT-GLAZE	10 JA 1/16W	R1611	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1433	401 105 0306	MT-GLAZE	10 JA 1/16W	R1612	401 105 2805	MT-GLAZE	2.2K JA 1/16W
R1437	401 105 0306	MT-GLAZE	10 JA 1/16W	R1613	401 105 6001	MT-GLAZE	5.6K JA 1/16W
R1438	401 105 0306	MT-GLAZE	10 JA 1/16W	R1616	401 105 2805	MT-GLAZE	2.2K JA 1/16W
R1439	401 105 0306	MT-GLAZE	10 JA 1/16W	R1617	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R144	401 105 0504	MT-GLAZE	1K JA 1/16W	R1618	401 105 6001	MT-GLAZE	5.6K JA 1/16W
R1442	401 105 0306	MT-GLAZE	10 JA 1/16W	R162	401 105 0504	MT-GLAZE	1K JA 1/16W
R1443	401 105 2607	MT-GLAZE	22 JA 1/16W	R1623	401 105 0504	MT-GLAZE	1K JA 1/16W
R1444	401 105 2607	MT-GLAZE	22 JA 1/16W	R1624	401 105 0504	MT-GLAZE	1K JA 1/16W
R1446	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1626	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1447	401 105 0306	MT-GLAZE	10 JA 1/16W	R1628	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1448	401 105 0306	MT-GLAZE	10 JA 1/16W	R163	401 105 2805	MT-GLAZE	2.2K JA 1/16W
R1449	401 105 0306	MT-GLAZE	10 JA 1/16W	R1631	401 105 2805	MT-GLAZE	2.2K JA 1/16W
R145	401 105 4809	MT-GLAZE	390K JA 1/16W	R1632	401 105 0504	MT-GLAZE	1K JA 1/16W
R1451	401 105 0306	MT-GLAZE	10 JA 1/16W	R164	401 105 5202	MT-GLAZE	470 JA 1/16W
R1452	401 105 0306	MT-GLAZE	10 JA 1/16W	R165	401 105 5301	MT-GLAZE	4.7K JA 1/16W
R1453	401 105 0306	MT-GLAZE	10 JA 1/16W	R167	401 105 0405	MT-GLAZE	100 JA 1/16W
R1456	401 105 0306	MT-GLAZE	10 JA 1/16W	R168	401 105 2706	MT-GLAZE	220 JA 1/16W
R1457	401 105 0306	MT-GLAZE	10 JA 1/16W	R1801	401 105 0603	MT-GLAZE	10K JA 1/16W
R146	401 105 4106	MT-GLAZE	3.3K JA 1/16W	R1802	401 105 0603	MT-GLAZE	10K JA 1/16W
R1461	401 105 0306	MT-GLAZE	10 JA 1/16W	R1803	401 105 2805	MT-GLAZE	2.2K JA 1/16W
R1462	401 105 0306	MT-GLAZE	10 JA 1/16W	R1804	401 105 2805	MT-GLAZE	2.2K JA 1/16W
R1463	401 105 0306	MT-GLAZE	10 JA 1/16W	R1805	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1464	401 105 0306	MT-GLAZE	10 JA 1/16W	R1806	401 105 0603	MT-GLAZE	10K JA 1/16W
R1467	401 105 2607	MT-GLAZE	22 JA 1/16W	R1808	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1468	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1809	401 105 0603	MT-GLAZE	10K JA 1/16W
R1469	401 105 2607	MT-GLAZE	22 JA 1/16W	R1811	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R147	401 105 6001	MT-GLAZE	5.6K JA 1/16W	R1812	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1471	401 105 0405	MT-GLAZE	100 JA 1/16W	R1813	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1472	401 105 0504	MT-GLAZE	1K JA 1/16W	R1814	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1473	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1815	401 105 0603	MT-GLAZE	10K JA 1/16W
R148	401 105 0405	MT-GLAZE	100 JA 1/16W	R1816	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R149	401 105 0504	MT-GLAZE	1K JA 1/16W	R1817	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1501	401 105 0405	MT-GLAZE	100 JA 1/16W	R1818	401 105 6001	MT-GLAZE	5.6K JA 1/16W
R1502	401 105 0405	MT-GLAZE	100 JA 1/16W	R1819	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1503	401 105 0405	MT-GLAZE	100 JA 1/16W	R1821	401 105 0603	MT-GLAZE	10K JA 1/16W
R1504	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1822	401 105 0603	MT-GLAZE	10K JA 1/16W
R151	401 105 6506	MT-GLAZE	680 JA 1/16W	R1823	401 105 0603	MT-GLAZE	10K JA 1/16W
R1512	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1824	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1513	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1833	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1514	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1834	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1516	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	R1836	401 105 7909	MT-GLAZE	0.000 ZA 1/16W
R1517	401 105 0405	MT-GLAZE	100 JA 1/16W	R1842	401 105 0603	MT-GLAZE	10K JA 1/16W

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R1843	401 105 0603	MT-GLAZE 10K JA 1/16W	R2342	401 217 4100	MT-GLAZE 22K FA 1/16W
R1852	401 105 0603	MT-GLAZE 10K JA 1/16W	R2344	401 217 4100	MT-GLAZE 22K FA 1/16W
R1853	401 105 5400	MT-GLAZE 47K JA 1/16W	R2345	401 105 0504	MT-GLAZE 1K JA 1/16W
R1857	401 105 0603	MT-GLAZE 10K JA 1/16W	R2346	401 105 0504	MT-GLAZE 1K JA 1/16W
R1858	401 105 5400	MT-GLAZE 47K JA 1/16W	R2348	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1861	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R235	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1862	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2351	401 234 5609	MT-GLAZE 82K FA 1/16W
R1865	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2352	401 202 4009	MT-GLAZE 10K FA 1/16W
R1871	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2353	401 234 5609	MT-GLAZE 82K FA 1/16W
R1872	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2354	401 202 4009	MT-GLAZE 10K FA 1/16W
R1881	401 105 0603	MT-GLAZE 10K JA 1/16W	R2356	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1882	401 105 0603	MT-GLAZE 10K JA 1/16W	R2357	401 202 4009	MT-GLAZE 10K FA 1/16W
R1883	401 105 0603	MT-GLAZE 10K JA 1/16W	R2361	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R1884	401 105 0603	MT-GLAZE 10K JA 1/16W	R2362	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1886	401 105 0603	MT-GLAZE 10K JA 1/16W	R2372	401 105 0405	MT-GLAZE 100 JA 1/16W
R1887	401 105 0603	MT-GLAZE 10K JA 1/16W	R2373	401 105 0405	MT-GLAZE 100 JA 1/16W
R1888	401 105 0603	MT-GLAZE 10K JA 1/16W	R2374	401 105 0405	MT-GLAZE 100 JA 1/16W
R1891	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R2376	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1892	401 105 0405	MT-GLAZE 100 JA 1/16W	R2380	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1893	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R2382	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1894	401 105 0405	MT-GLAZE 100 JA 1/16W	R2383	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2000	401 105 0405	MT-GLAZE 100 JA 1/16W	R2385	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2001	401 105 0405	MT-GLAZE 100 JA 1/16W	R2387	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R201	401 105 0405	MT-GLAZE 100 JA 1/16W	R2388	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R202	401 113 4402	MT-GLAZE 75 JA 1/16W	R2389	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R203	401 105 0405	MT-GLAZE 100 JA 1/16W	R2390	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R204	401 113 4402	MT-GLAZE 75 JA 1/16W	R2393	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R205	401 105 0405	MT-GLAZE 100 JA 1/16W	R2394	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R206	401 113 4402	MT-GLAZE 75 JA 1/16W	R2395	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R207	645 050 8561	IMPEDANCE, 120 OHM P	R2397	401 105 1600	MT-GLAZE 15K JA 1/16W
R208	401 105 0900	MT-GLAZE 120 JA 1/16W	R2402	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R209	645 050 8561	IMPEDANCE, 120 OHM P	R2403	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R210	401 105 0900	MT-GLAZE 120 JA 1/16W	R2405	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2101	401 105 4601	MT-GLAZE 3.9K JA 1/16W	R2406	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2102	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2407	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2103	401 105 0405	MT-GLAZE 100 JA 1/16W	R2408	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2104	401 105 0405	MT-GLAZE 100 JA 1/16W	R2410	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2106	401 105 4007	MT-GLAZE 330 JA 1/16W	R2411	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2107	401 105 0504	MT-GLAZE 1K JA 1/16W	R244	401 105 0405	MT-GLAZE 100 JA 1/16W
R2108	401 105 0504	MT-GLAZE 1K JA 1/16W	R245	401 105 0405	MT-GLAZE 100 JA 1/16W
R2109	401 105 0504	MT-GLAZE 1K JA 1/16W	R2501	401 105 0405	MT-GLAZE 100 JA 1/16W
R211	645 050 8561	IMPEDANCE, 120 OHM P	R2502	401 105 0405	MT-GLAZE 100 JA 1/16W
R2111	401 105 0504	MT-GLAZE 1K JA 1/16W	R2503	401 105 0405	MT-GLAZE 100 JA 1/16W
R2112	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R2504	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2113	401 105 3307	MT-GLAZE 2.7K JA 1/16W	R2512	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R212	401 105 0900	MT-GLAZE 120 JA 1/16W	R2513	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R213	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2514	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R214	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2516	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R215	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2517	401 105 0405	MT-GLAZE 100 JA 1/16W
R216	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2518	401 105 0405	MT-GLAZE 100 JA 1/16W
R217	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2519	401 105 0405	MT-GLAZE 100 JA 1/16W
R219	401 105 3901	MT-GLAZE 33 JA 1/16W	R2521	401 105 0405	MT-GLAZE 100 JA 1/16W
R221	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2522	401 105 0405	MT-GLAZE 100 JA 1/16W
R224	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2524	401 105 0405	MT-GLAZE 100 JA 1/16W
R226	401 105 3901	MT-GLAZE 33 JA 1/16W	R2531	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R228	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2532	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R231	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2533	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2311	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2534	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2312	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2535	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2313	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2536	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2319	401 105 0504	MT-GLAZE 1K JA 1/16W	R2542	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2320	401 105 0405	MT-GLAZE 100 JA 1/16W	R2543	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2321	401 105 0504	MT-GLAZE 1K JA 1/16W	R2544	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2322	401 105 1105	MT-GLAZE 12K JA 1/16W	R2547	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2323	401 219 1008	MT-GLAZE 1.6K FA 1/16W	R2548	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2324	401 105 0603	MT-GLAZE 10K JA 1/16W	R2549	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R233	401 105 3901	MT-GLAZE 33 JA 1/16W	R2555	401 105 0603	MT-GLAZE 10K JA 1/16W
R2331	401 105 0306	MT-GLAZE 10 JA 1/16W	R2556	401 113 6406	MT-GLAZE 5.1K JA 1/16W
R2332	401 105 0306	MT-GLAZE 10 JA 1/16W	R2557	401 105 1105	MT-GLAZE 12K JA 1/16W
R2333	401 105 0306	MT-GLAZE 10 JA 1/16W	R260	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2334	401 105 0504	MT-GLAZE 1K JA 1/16W	R261	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2336	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R262	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2339	401 105 0306	MT-GLAZE 10 JA 1/16W	R269	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2341	401 217 4100	MT-GLAZE 22K FA 1/16W	R270	401 105 7909	MT-GLAZE 0.000 ZA 1/16W

Electrical Parts List

Key No.	Part No.	Description			Key No.	Part No.	Description		
R271	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3176	401 105 0504	MT-GLAZE	1K JA 1/16W	
R272	401 105 0405	MT-GLAZE	100	JA 1/16W	R3177	401 105 0504	MT-GLAZE	1K JA 1/16W	
R274	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3178	401 105 0405	MT-GLAZE	100 JA 1/16W	
R277	401 105 0405	MT-GLAZE	100	JA 1/16W	R3179	401 105 0405	MT-GLAZE	100 JA 1/16W	
R278	401 105 0405	MT-GLAZE	100	JA 1/16W	R318	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R279	401 105 0306	MT-GLAZE	10	JA 1/16W	R3181	401 105 0405	MT-GLAZE	100 JA 1/16W	
R280	401 105 0900	MT-GLAZE	120	JA 1/16W	R320	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R281	401 105 0603	MT-GLAZE	10K	JA 1/16W	R3211	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R282	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3212	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R283	401 105 0306	MT-GLAZE	10	JA 1/16W	R3213	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R286	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3214	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R287	401 105 0603	MT-GLAZE	10K	JA 1/16W	R322	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R288	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3221	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R289	401 105 0405	MT-GLAZE	100	JA 1/16W	R3222	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R291	401 105 0405	MT-GLAZE	100	JA 1/16W	R3223	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R292	401 105 0405	MT-GLAZE	100	JA 1/16W	R3224	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R293	401 105 2003	MT-GLAZE	1.8K	JA 1/16W	R3239	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R294	401 105 2003	MT-GLAZE	1.8K	JA 1/16W	R3240	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R298	401 105 0900	MT-GLAZE	120	JA 1/16W	R3241	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R299	401 105 0900	MT-GLAZE	120	JA 1/16W	R3242	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R301	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3243	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R304	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3251	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R308	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3252	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3101	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3253	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3102	401 105 6605	MT-GLAZE	6.8K	JA 1/16W	R3254	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3103	401 105 5301	MT-GLAZE	4.7K	JA 1/16W	R326	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3104	401 105 0405	MT-GLAZE	100	JA 1/16W	R3269	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3106	401 105 0405	MT-GLAZE	100	JA 1/16W	R327	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3107	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3270	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3108	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3271	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R311	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3272	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3114	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R3273	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3116	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R328	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3117	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R330	401 105 0306	MT-GLAZE	10 JA 1/16W	
R3118	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R332	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3119	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R333	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R312	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R334	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3121	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R336	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3122	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R337	401 105 0603	MT-GLAZE	10K JA 1/16W	
R3123	401 105 0603	MT-GLAZE	10K	JA 1/16W	R338	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3124	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R341	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3125	401 177 2406	MT-GLAZE	10M	JA 1/16W	R342	401 105 2003	MT-GLAZE	1.8K JA 1/16W	
R3128	401 105 2805	MT-GLAZE	2.2K	JA 1/16W	R343	401 105 2003	MT-GLAZE	1.8K JA 1/16W	
R3129	401 177 2406	MT-GLAZE	10M	JA 1/16W	R344	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R313	401 105 7909	MT-GLAZE	0.000	ZA 1/16W	R345	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3131	401 105 3406	MT-GLAZE	27K	JA 1/16W	R3501	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3132	401 105 7503	MT-GLAZE	82K	JA 1/16W	R3502	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3133	401 105 1006	MT-GLAZE	1.2K	JA 1/16W	R3503	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3134	401 105 0504	MT-GLAZE	1K	JA 1/16W	R3504	401 105 0702	MT-GLAZE	100K JA 1/16W	
R3136	401 105 0504	MT-GLAZE	1K	JA 1/16W	R3505	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3137	401 105 0405	MT-GLAZE	100	JA 1/16W	R3506	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3139	401 105 0504	MT-GLAZE	1K	JA 1/16W	R3507	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3141	401 105 5905	MT-GLAZE	560	JA 1/16W	R3508	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3142	401 105 3307	MT-GLAZE	2.7K	JA 1/16W	R352	401 105 0603	MT-GLAZE	10K JA 1/16W	
R3143	401 105 0504	MT-GLAZE	1K	JA 1/16W	R3531	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3144	401 105 5905	MT-GLAZE	560	JA 1/16W	R3532	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3145	401 105 3307	MT-GLAZE	2.7K	JA 1/16W	R3533	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3146	401 105 0504	MT-GLAZE	1K	JA 1/16W	R3534	401 105 0702	MT-GLAZE	100K JA 1/16W	
R3147	401 105 5905	MT-GLAZE	560	JA 1/16W	R3535	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3148	401 105 3307	MT-GLAZE	2.7K	JA 1/16W	R3536	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3149	401 105 0504	MT-GLAZE	1K	JA 1/16W	R3537	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3160	401 105 3307	MT-GLAZE	2.7K	JA 1/16W	R3538	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3161	401 105 6605	MT-GLAZE	6.8K	JA 1/16W	R354	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3162	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3553	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3163	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R356	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3164	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3561	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3166	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3562	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3167	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3564	401 105 0702	MT-GLAZE	100K JA 1/16W	
R3168	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3565	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R317	401 105 0306	MT-GLAZE	10	JA 1/16W	R3566	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3171	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3567	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3172	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R3568	401 148 6006	MT-GLAZE	2.2 JA 1/16W	
R3173	401 105 4106	MT-GLAZE	3.3K	JA 1/16W	R358	401 105 7909	MT-GLAZE	0.000 ZA 1/16W	
R3174	401 105 0504	MT-GLAZE	1K	JA 1/16W	R3581	401 290 1508	MT-GLAZE	0.1 JE 1/2W	

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R3582	401 105 0405	MT-GLAZE 100 JA 1/16W	R4283	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R359	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4284	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3591	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R4285	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3592	401 256 7605	MT-GLAZE 3.9K JA 1/10W	R4286	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3593	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R4287	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3594	401 105 2904	MT-GLAZE 22K JA 1/16W	R4288	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R361	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4289	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R362	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R429	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R363	401 105 4007	MT-GLAZE 330 JA 1/16W	R4295	401 105 0405	MT-GLAZE 100 JA 1/16W
R364	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4296	401 105 0405	MT-GLAZE 100 JA 1/16W
R366	401 105 0603	MT-GLAZE 10K JA 1/16W	R431	401 105 2508	MT-GLAZE 20K JA 1/16W
R368	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R432	401 113 4402	MT-GLAZE 75 JA 1/16W
R369	401 105 0603	MT-GLAZE 10K JA 1/16W	R433	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R370	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R434	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R371	401 105 0603	MT-GLAZE 10K JA 1/16W	R436	401 105 0306	MT-GLAZE 10 JA 1/16W
R373	401 105 0603	MT-GLAZE 10K JA 1/16W	R438	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R376	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R439	401 105 0306	MT-GLAZE 10 JA 1/16W
R379	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4501	401 105 4007	MT-GLAZE 330 JA 1/16W
R382	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4502	401 105 5202	MT-GLAZE 470 JA 1/16W
R384	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4503	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R387	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4504	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R392	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4506	401 105 6506	MT-GLAZE 680 JA 1/16W
R394	401 105 0603	MT-GLAZE 10K JA 1/16W	R4507	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R396	401 105 0603	MT-GLAZE 10K JA 1/16W	R4508	401 105 0504	MT-GLAZE 1K JA 1/16W
R398	401 105 0603	MT-GLAZE 10K JA 1/16W	R4509	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R407	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4511	401 105 0504	MT-GLAZE 1K JA 1/16W
R408	401 105 0306	MT-GLAZE 10 JA 1/16W	R4512	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R409	401 105 0306	MT-GLAZE 10 JA 1/16W	R4513	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R410	401 105 0306	MT-GLAZE 10 JA 1/16W	R4514	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R412	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4515	401 105 7404	MT-GLAZE 8.2K JA 1/16W
R413	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4516	401 105 1402	MT-GLAZE 150 JA 1/16W
R414	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4517	401 105 0504	MT-GLAZE 1K JA 1/16W
R416	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4518	401 105 1402	MT-GLAZE 150 JA 1/16W
R417	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4519	401 105 1402	MT-GLAZE 150 JA 1/16W
R418	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4521	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R419	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4523	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4201	401 105 4106	MT-GLAZE 3.3K JA 1/16W	R4524	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4202	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4526	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R4204	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4527	401 105 0603	MT-GLAZE 10K JA 1/16W
R4205	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4532	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4207	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4533	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R4208	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4534	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R4209	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4539	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R421	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4541	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4211	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4542	401 105 6605	MT-GLAZE 6.8K JA 1/16W
R4213	401 105 0405	MT-GLAZE 100 JA 1/16W	R4543	401 105 6605	MT-GLAZE 6.8K JA 1/16W
R4216	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4544	401 105 4007	MT-GLAZE 330 JA 1/16W
R4217	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4545	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R422	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4547	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R423	401 105 0405	MT-GLAZE 100 JA 1/16W	R4548	401 105 0504	MT-GLAZE 1K JA 1/16W
R4231	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4549	401 105 6506	MT-GLAZE 680 JA 1/16W
R4232	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4550	403 265 3203	CERAMIC 1000P J 50V
R424	401 105 0405	MT-GLAZE 100 JA 1/16W	R4553	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4241	401 105 0306	MT-GLAZE 10 JA 1/16W	R4555	401 230 2503	MT-GLAZE 1K FA 1/16W
R4243	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R4559	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4246	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R4562	401 230 2503	MT-GLAZE 1K FA 1/16W
R4248	401 113 4600	MT-GLAZE 110 JA 1/16W	R4566	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R425	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4568	401 230 2503	MT-GLAZE 1K FA 1/16W
R4251	401 113 4600	MT-GLAZE 110 JA 1/16W	R4571	401 105 5202	MT-GLAZE 470 JA 1/16W
R4252	401 105 0306	MT-GLAZE 10 JA 1/16W	R4572	401 105 0603	MT-GLAZE 10K JA 1/16W
R4253	401 105 0306	MT-GLAZE 10 JA 1/16W	R4573	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4254	401 113 5003	MT-GLAZE 240 JA 1/16W	R4574	401 105 5202	MT-GLAZE 470 JA 1/16W
R4256	401 113 5003	MT-GLAZE 240 JA 1/16W	R4575	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R426	401 105 0306	MT-GLAZE 10 JA 1/16W	R4576	401 105 5202	MT-GLAZE 470 JA 1/16W
R4263	401 105 0306	MT-GLAZE 10 JA 1/16W	R4577	401 105 5202	MT-GLAZE 470 JA 1/16W
R4264	401 105 0306	MT-GLAZE 10 JA 1/16W	R4578	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4268	401 105 0306	MT-GLAZE 10 JA 1/16W	R4579	401 105 6506	MT-GLAZE 680 JA 1/16W
R4269	401 105 0306	MT-GLAZE 10 JA 1/16W	R4581	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4274	401 105 0306	MT-GLAZE 10 JA 1/16W	R4590	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4275	401 105 0306	MT-GLAZE 10 JA 1/16W	R4596	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4278	401 105 0603	MT-GLAZE 10K JA 1/16W	R4597	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R428	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4598	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R4281	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4599	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R4282	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4603	401 105 7909	MT-GLAZE 0.000 ZA 1/16W

Electrical Parts List

Key No.	Part No.	Description				Key No.	Part No.	Description			
R4604	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R533	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4605	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R534	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4651	401 105 0504	MT-GLAZE	1K	JA	1/16W	R535	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4652	401 105 0504	MT-GLAZE	1K	JA	1/16W	R536	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4663	401 105 1501	MT-GLAZE	1.5K	JA	1/16W	R542	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4664	401 105 1501	MT-GLAZE	1.5K	JA	1/16W	R543	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4666	401 105 1501	MT-GLAZE	1.5K	JA	1/16W	R544	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4682	401 105 3505	MT-GLAZE	270K	JA	1/16W	R547	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4683	401 105 4700	MT-GLAZE	39K	JA	1/16W	R548	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4684	401 105 8005	MT-GLAZE	1M	JA	1/16W	R549	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4685	401 105 0405	MT-GLAZE	100	JA	1/16W	R5501	401 105 0405	MT-GLAZE	100	JA	1/16W
R4686	401 105 3307	MT-GLAZE	2.7K	JA	1/16W	R5502	401 105 0405	MT-GLAZE	100	JA	1/16W
R4687	401 105 1501	MT-GLAZE	1.5K	JA	1/16W	R5503	401 105 0306	MT-GLAZE	10	JA	1/16W
R4801	401 105 0603	MT-GLAZE	10K	JA	1/16W	R5511	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4802	401 105 0405	MT-GLAZE	100	JA	1/16W	R5512	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4803	401 105 0603	MT-GLAZE	10K	JA	1/16W	R5513	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4804	401 105 0405	MT-GLAZE	100	JA	1/16W	R5521	401 036 2707	MT-GLAZE	270	JA	1/8W
R4805	401 105 0603	MT-GLAZE	10K	JA	1/16W	R5531	401 105 0405	MT-GLAZE	100	JA	1/16W
R4806	401 105 0405	MT-GLAZE	100	JA	1/16W	R5532	401 105 0405	MT-GLAZE	100	JA	1/16W
R4807	401 105 0504	MT-GLAZE	1K	JA	1/16W	R5536	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4808	401 105 0504	MT-GLAZE	1K	JA	1/16W	R5537	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4809	401 105 5202	MT-GLAZE	470	JA	1/16W	R5541	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R481	401 035 4108	MT-GLAZE	0.000	ZA	1/8W	R555	401 105 0603	MT-GLAZE	10K	JA	1/16W
R4811	401 105 2003	MT-GLAZE	1.8K	JA	1/16W	R5551	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4812	401 105 5301	MT-GLAZE	4.7K	JA	1/16W	R5552	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4814	401 105 0405	MT-GLAZE	100	JA	1/16W	R5553	401 105 0603	MT-GLAZE	10K	JA	1/16W
R4815	401 105 2904	MT-GLAZE	22K	JA	1/16W	R5554	401 105 4601	MT-GLAZE	3.9K	JA	1/16W
R4816	401 105 5202	MT-GLAZE	470	JA	1/16W	R5556	401 113 6604	MT-GLAZE	7.5K	JA	1/16W
R4817	401 105 0405	MT-GLAZE	100	JA	1/16W	R5557	401 113 6604	MT-GLAZE	7.5K	JA	1/16W
R482	401 105 0603	MT-GLAZE	10K	JA	1/16W	R5558	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4822	401 105 0603	MT-GLAZE	10K	JA	1/16W	R5559	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4823	401 105 4502	MT-GLAZE	390	JA	1/16W	R556	401 113 6406	MT-GLAZE	5.1K	JA	1/16W
R4824	401 105 4502	MT-GLAZE	390	JA	1/16W	R557	401 105 1105	MT-GLAZE	12K	JA	1/16W
R4825	401 105 4502	MT-GLAZE	390	JA	1/16W	R5801	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4826	401 105 2904	MT-GLAZE	22K	JA	1/16W	R5803	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4827	401 105 2904	MT-GLAZE	22K	JA	1/16W	R5805	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4828	401 105 0405	MT-GLAZE	100	JA	1/16W	R5806	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4829	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5808	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4831	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5811	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4834	401 105 2805	MT-GLAZE	2.2K	JA	1/16W	R5813	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4835	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5816	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4837	401 105 2904	MT-GLAZE	22K	JA	1/16W	R5818	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4838	401 036 1403	MT-GLAZE	220	JA	1/8W	R5831	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4839	401 105 4700	MT-GLAZE	39K	JA	1/16W	R5833	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4841	401 105 0603	MT-GLAZE	10K	JA	1/16W	R5836	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4844	401 105 0306	MT-GLAZE	10	JA	1/16W	R5838	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4845	401 105 0306	MT-GLAZE	10	JA	1/16W	R5841	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4847	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5843	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4861	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	R5846	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4862	401 105 0405	MT-GLAZE	100	JA	1/16W	R5848	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4863	401 105 0405	MT-GLAZE	100	JA	1/16W	R5851	401 105 0603	MT-GLAZE	10K	JA	1/16W
R4871	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5852	401 105 1600	MT-GLAZE	15K	JA	1/16W
R4872	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5853	401 105 0603	MT-GLAZE	10K	JA	1/16W
R4873	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5854	401 113 6406	MT-GLAZE	5.1K	JA	1/16W
R4874	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5856	401 105 5301	MT-GLAZE	4.7K	JA	1/16W
R4878	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5861	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4879	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5866	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R4897	401 105 0504	MT-GLAZE	1K	JA	1/16W	R5868	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R501	401 105 0405	MT-GLAZE	100	JA	1/16W	R5869	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R502	401 105 0405	MT-GLAZE	100	JA	1/16W	R5871	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R503	401 105 0405	MT-GLAZE	100	JA	1/16W	R5873	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R504	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5876	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R512	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5878	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R513	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5881	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R514	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5883	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R516	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R5886	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R517	401 105 0405	MT-GLAZE	100	JA	1/16W	R5888	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R518	401 105 0405	MT-GLAZE	100	JA	1/16W	R5891	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R519	401 105 0405	MT-GLAZE	100	JA	1/16W	R6301	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R521	401 105 0405	MT-GLAZE	100	JA	1/16W	R6302	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R522	401 105 0405	MT-GLAZE	100	JA	1/16W	R6303	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R524	401 105 0405	MT-GLAZE	100	JA	1/16W	R6304	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R531	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R6316	401 105 7909	MT-GLAZE	0.000	ZA	1/16W
R532	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	R6317	401 105 7909	MT-GLAZE	0.000	ZA	1/16W

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R6318	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8019	401 113 6406	MT-GLAZE 5.1K JA 1/16W
R6319	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R802	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R7201	401 105 0405	MT-GLAZE 100 JA 1/16W	R8026	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7202	401 105 0405	MT-GLAZE 100 JA 1/16W	R8027	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7203	401 105 0405	MT-GLAZE 100 JA 1/16W	R803	401 105 0405	MT-GLAZE 100 JA 1/16W
R7204	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8036	401 105 0405	MT-GLAZE 100 JA 1/16W
R7205	401 105 0405	MT-GLAZE 100 JA 1/16W	R8037	401 105 0405	MT-GLAZE 100 JA 1/16W
R7206	401 105 0405	MT-GLAZE 100 JA 1/16W	R8038	401 105 0405	MT-GLAZE 100 JA 1/16W
R7207	401 105 0405	MT-GLAZE 100 JA 1/16W	R8039	401 105 0405	MT-GLAZE 100 JA 1/16W
R7208	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R804	401 105 0405	MT-GLAZE 100 JA 1/16W
R7209	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R806	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7801	401 105 0405	MT-GLAZE 100 JA 1/16W	R8061	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7802	401 105 0405	MT-GLAZE 100 JA 1/16W	R8062	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7806	401 105 0504	MT-GLAZE 1K JA 1/16W	R8063	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7807	401 105 0504	MT-GLAZE 1K JA 1/16W	R8064	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7808	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8071	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7809	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8072	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7811	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8073	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7816	401 036 2707	MT-GLAZE 270 JA 1/8W	R8074	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7821	401 105 0504	MT-GLAZE 1K JA 1/16W	R808	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7823	401 105 0504	MT-GLAZE 1K JA 1/16W	R8082	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7824	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R8083	401 105 0603	MT-GLAZE 10K JA 1/16W
R7826	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8084	401 105 0603	MT-GLAZE 10K JA 1/16W
R7827	401 113 6703	MT-GLAZE 9.1K JA 1/16W	R8086	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7828	401 105 2409	MT-GLAZE 2K JA 1/16W	R8087	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7829	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R8092	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7831	401 105 0603	MT-GLAZE 10K JA 1/16W	R8093	401 105 0603	MT-GLAZE 10K JA 1/16W
R7832	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R8094	401 105 0603	MT-GLAZE 10K JA 1/16W
R7833	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R8096	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7834	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R8097	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7835	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R8098	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7836	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R8101	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7837	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R8102	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7838	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R8103	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7839	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R8104	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7841	401 105 0504	MT-GLAZE 1K JA 1/16W	R8106	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7843	401 105 0504	MT-GLAZE 1K JA 1/16W	R8108	401 105 0603	MT-GLAZE 10K JA 1/16W
R7844	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R811	401 105 0603	MT-GLAZE 10K JA 1/16W
R7845	401 113 6703	MT-GLAZE 9.1K JA 1/16W	R8111	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7846	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8112	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7847	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8113	401 105 4007	MT-GLAZE 330 JA 1/16W
R7848	401 105 2409	MT-GLAZE 2K JA 1/16W	R8114	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R7849	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8116	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R7850	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R8117	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R7851	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R813	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7852	401 105 0603	MT-GLAZE 10K JA 1/16W	R815	401 105 0405	MT-GLAZE 100 JA 1/16W
R7854	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R816	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R7856	401 105 0603	MT-GLAZE 10K JA 1/16W	R817	401 105 0405	MT-GLAZE 100 JA 1/16W
R7861	401 105 0504	MT-GLAZE 1K JA 1/16W	R818	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R7863	401 105 0504	MT-GLAZE 1K JA 1/16W	R819	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7864	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R820	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7866	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R821	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7867	401 113 6703	MT-GLAZE 9.1K JA 1/16W	R822	401 105 0603	MT-GLAZE 10K JA 1/16W
R7868	401 105 2409	MT-GLAZE 2K JA 1/16W	R823	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7871	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R824	401 105 4601	MT-GLAZE 3.9K JA 1/16W
R7872	401 105 0603	MT-GLAZE 10K JA 1/16W	R825	401 105 4502	MT-GLAZE 390 JA 1/16W
R7881	401 105 0504	MT-GLAZE 1K JA 1/16W	R826	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R7883	401 105 0504	MT-GLAZE 1K JA 1/16W	R827	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R7884	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R828	401 105 2904	MT-GLAZE 22K JA 1/16W
R7886	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R829	401 105 2904	MT-GLAZE 22K JA 1/16W
R7887	401 113 6703	MT-GLAZE 9.1K JA 1/16W	R831	401 105 0900	MT-GLAZE 120 JA 1/16W
R7888	401 105 2409	MT-GLAZE 2K JA 1/16W	R832	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R7891	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R833	401 105 0603	MT-GLAZE 10K JA 1/16W
R7892	401 105 0603	MT-GLAZE 10K JA 1/16W	R8341	401 105 0603	MT-GLAZE 10K JA 1/16W
R8001	401 105 4007	MT-GLAZE 330 JA 1/16W	R835	401 105 2607	MT-GLAZE 22 JA 1/16W
R8002	401 105 3109	MT-GLAZE 27 JA 1/16W	R836	401 105 0603	MT-GLAZE 10K JA 1/16W
R8006	401 105 4205	MT-GLAZE 33K JA 1/16W	R838	401 105 0603	MT-GLAZE 10K JA 1/16W
R8008	401 105 0603	MT-GLAZE 10K JA 1/16W	R839	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R801	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R841	401 105 8203	MT-GLAZE 68K JA 1/16W
R8011	401 105 0603	MT-GLAZE 10K JA 1/16W	R842	401 105 8203	MT-GLAZE 68K JA 1/16W
R8012	401 105 4205	MT-GLAZE 33K JA 1/16W	R843	401 105 0504	MT-GLAZE 1K JA 1/16W
R8013	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R846	401 105 0603	MT-GLAZE 10K JA 1/16W
R8014	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R848	401 105 2904	MT-GLAZE 22K JA 1/16W
R8016	401 113 6406	MT-GLAZE 5.1K JA 1/16W	R849	401 105 2904	MT-GLAZE 22K JA 1/16W

Electrical Parts List

Electrical Parts List

Key No.	Part No.	Description				Key No.	Part No.	Description				
R9864	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L4501	645 026 0964	INDUCTOR,10U K				
R9866	401 105 8005	MT-GLAZE	1M	JA	1/16W	L4541	645 050 8448	IMPEDANCE,1000 OHM P				
R9867	401 105 0405	MT-GLAZE	100	JA	1/16W	L4581	645 021 1744	INDUCTOR,5.6U J				
R9868	401 105 0405	MT-GLAZE	100	JA	1/16W	L4582	645 021 1744	INDUCTOR,5.6U J				
R9869	401 105 0405	MT-GLAZE	100	JA	1/16W	L4583	645 021 1744	INDUCTOR,5.6U J				
R9871	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L4881	645 020 1776	INDUCTOR,3.3U M				
R9872	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L6301	645 050 8448	IMPEDANCE,1000 OHM P				
R9884	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L6302	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	
R9885	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L6303	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	
R9886	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L6304	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	
R9887	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L7801	645 026 1008	INDUCTOR,3.3U M				
R9888	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L8001	645 026 0988	INDUCTOR,2.2U M				
R9889	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L8002	645 026 0988	INDUCTOR,2.2U M				
R9890	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L8003	645 026 0988	INDUCTOR,2.2U M				
R9891	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	L8004	645 026 0988	INDUCTOR,2.2U M				
R9892	401 105 0405	MT-GLAZE	100	JA	1/16W	L9801	645 021 1645	INDUCTOR,2.2U J				
R9893	401 105 0405	MT-GLAZE	100	JA	1/16W							
R9894	401 105 7909	MT-GLAZE	0.000	ZA	1/16W							
R9895	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	DIODE						
R9896	401 105 8005	MT-GLAZE	1M	JA	1/16W	D1101	407 149 0807	DIODE 1SS355-TE-17				
R9897	401 105 0405	MT-GLAZE	100	JA	1/16W	D1102	407 149 0807	DIODE 1SS355-TE-17				
R9898	401 105 0405	MT-GLAZE	100	JA	1/16W	D1103	407 149 0807	DIODE 1SS355-TE-17				
R9899	401 105 0405	MT-GLAZE	100	JA	1/16W	D1104	407 149 0807	DIODE 1SS355-TE-17				
R9900	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	D1106	407 149 0807	DIODE 1SS355-TE-17				
R9901	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	D1107	407 149 0807	DIODE 1SS355-TE-17				
R9931	401 105 0405	MT-GLAZE	100	JA	1/16W	D1108	407 149 0807	DIODE 1SS355-TE-17				
R9932	401 105 0405	MT-GLAZE	100	JA	1/16W	D1109	407 149 0807	DIODE 1SS355-TE-17				
R9933	401 105 0405	MT-GLAZE	100	JA	1/16W	D1111	407 149 0807	DIODE 1SS355-TE-17				
R9934	401 105 0603	MT-GLAZE	10K	JA	1/16W	D1112	407 149 0807	DIODE 1SS355-TE-17				
R9936	401 105 2508	MT-GLAZE	20K	JA	1/16W	D1113	407 149 0807	DIODE 1SS355-TE-17				
R9994	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	D1114	407 149 0807	DIODE 1SS355-TE-17				
R9996	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	D1351	407 149 0807	DIODE 1SS355-TE-17				
TRANSFORMER						D234	407 149 0807	DIODE 1SS355-TE-17				
T1151	645 044 3626	FILTER,LP	7MHZ			D235	407 149 0807	DIODE 1SS355-TE-17				
T1161	645 044 3626	FILTER,LP	7MHZ			D2351	407 149 0807	DIODE 1SS355-TE-17				
T161	645 044 3626	FILTER,LP	7MHZ			D2353	407 149 0807	DIODE 1SS355-TE-17				
COIL						D236	407 149 0807	DIODE 1SS355-TE-17				
L1101	645 026 0964	INDUCTOR,10U K				D2381	407 149 0807	DIODE 1SS355-TE-17				
L1102	645 026 0964	INDUCTOR,10U K				D3101	407 149 0807	DIODE 1SS355-TE-17				
L1103	645 026 0964	INDUCTOR,10U K				D3102	407 149 0807	DIODE 1SS355-TE-17				
L1104	645 026 0971	INDUCTOR,15U K				D3211	407 149 0807	DIODE 1SS355-TE-17				
L1105	645 026 0964	INDUCTOR,10U K				D3261	407 149 0807	DIODE 1SS355-TE-17				
L1151	645 026 1008	INDUCTOR,3.3U M				D3262	407 149 0807	DIODE 1SS355-TE-17				
L1161	645 026 0964	INDUCTOR,10U K				D3501	407 149 0807	DIODE 1SS355-TE-17				
L201	645 020 1776	INDUCTOR,3.3U M				D3531	407 149 0807	DIODE 1SS355-TE-17				
L202	645 020 1776	INDUCTOR,3.3U M				D3561	407 149 0807	DIODE 1SS355-TE-17				
L203	645 020 1776	INDUCTOR,3.3U M				D3581	407 149 0807	DIODE 1SS355-TE-17				
L2101	645 021 1669	INDUCTOR,22U J				D3591	407 149 0807	DIODE 1SS355-TE-17				
L2102	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D3592	407 223 5001	DIODE D1FM3				
L2103	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D3593	407 223 5001	DIODE D1FM3				
L2116	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D391	407 149 0807	DIODE 1SS355-TE-17				
L2351	645 050 8448	IMPEDANCE,1000 OHM P				D392	407 149 0807	DIODE 1SS355-TE-17				
L2361	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	D4202	407 149 0807	DIODE 1SS355-TE-17				
L2362	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	D4541	407 149 0807	DIODE 1SS355-TE-17				
L2381	645 050 8448	IMPEDANCE,1000 OHM P				D4552	407 149 0807	DIODE 1SS355-TE-17				
L2382	401 105 7909	MT-GLAZE	0.000	ZA	1/16W	D4681	407 149 0807	DIODE 1SS355-TE-17				
L241	401 035 4108	MT-GLAZE	0.000	ZA	1/8W	D4801	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3101	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D4802	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3102	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D4803	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3103	401 035 4108	MT-GLAZE	0.000	ZA	1/8W	D4804	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3104	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D4805	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3106	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D4806	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3107	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D4807	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3108	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D4808	407 221 7106	ZENER DIODE UDZS-TE-1712B				
L3161	645 021 1669	INDUCTOR,22U J				D4809	407 149 0807	DIODE 1SS355-TE-17				
L3162	645 021 1669	INDUCTOR,22U J				D481	407 149 0807	DIODE 1SS355-TE-17				
L3163	645 026 0964	INDUCTOR,10U K				D4810	407 209 1201	ZD UDZS-TE-176.2B				
L3211	645 020 1776	INDUCTOR,3.3U M				D4811	407 209 1201	ZD UDZS-TE-176.2B				
L3221	645 020 1776	INDUCTOR,3.3U M				D4812	407 209 1201	ZD UDZS-TE-176.2B				
L3251	645 020 1776	INDUCTOR,3.3U M				D4813	407 209 1201	ZD UDZS-TE-176.2B				
L3591	401 035 4108	MT-GLAZE	0.000	ZA	1/8W	D4814	407 149 0807	DIODE 1SS355-TE-17				
L4214	645 030 5931	INDUCTOR,1300 OHM				D4815	407 149 0807	DIODE 1SS355-TE-17				
L4231	401 037 5004	MT-GLAZE	0.000	ZA	1/10W	D4816	407 149 0807	DIODE 1SS355-TE-17				
L4232	645 001 4512	INDUCTOR,10U K				D4817	407 149 0807	DIODE 1SS355-TE-17				
						D4818	407 149 0807	DIODE 1SS355-TE-17				

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
D4819	407 149 0807	DIODE 1SS355-TE-17	C628	403 157 3304	CERAMIC 68P J 50V
D5521	407 071 0104	ZENER DIODE DZD12Y-TA	C629	403 157 6602	CERAMIC 470P K 50V
	407 175 2806	ZD 02CZ12Y(TE85R)	C631	403 298 9609	CERAMIC 0.1U K 16V
D6301	407 149 0807	DIODE 1SS355-TE-17	C632	403 164 0204	CERAMIC 0.1U Z 25V
D7801	407 071 0104	ZENER DIODE DZD12Y-TA	C633	403 164 0204	CERAMIC 0.1U Z 25V
	407 175 2806	ZD 02CZ12Y(TE85R)	C634	403 164 0204	CERAMIC 0.1U Z 25V
D7831	407 149 0807	DIODE 1SS355-TE-17	C636	403 323 8706	MT-POLYEST 0.047U K 450V
D7832	407 149 0807	DIODE 1SS355-TE-17	C651	403 162 6604	ELECT 2.2U M 50V
D7851	407 149 0807	DIODE 1SS355-TE-17	C652	403 237 7901	MT-COMPO 0.22U J 50V
D7852	407 149 0807	DIODE 1SS355-TE-17	C653	403 113 3805	CERAMIC 1000P K 50V
D7871	407 149 0807	DIODE 1SS355-TE-17	C654	403 247 3306	CERAMIC 330P K 2K
D7872	407 149 0807	DIODE 1SS355-TE-17	C656	403 164 0204	CERAMIC 0.1U Z 25V
D7891	407 149 0807	DIODE 1SS355-TE-17	C657	403 218 8804	CERAMIC 220P K 2K
D7892	407 149 0807	DIODE 1SS355-TE-17	C658	403 083 4307	POLYPRO 0.022U J 400V
D8001	407 149 0807	DIODE 1SS355-TE-17	C659	403 157 6800	CERAMIC 680P K 50V
D801	407 149 0807	DIODE 1SS355-TE-17	C661	403 162 6208	ELECT 1U M 50V
D8013	407 149 0807	DIODE 1SS355-TE-17	C662	403 356 1804	ELECT 220U M 35V
D8033	407 149 0807	DIODE 1SS355-TE-17	C663	403 164 0204	CERAMIC 0.1U Z 25V
D8061	407 201 2701	DIODE RB051L-40-TE25	C664	403 281 5205	CERAMIC 0.22U Z 16V
D8062	407 201 2701	DIODE RB051L-40-TE25	C681	403 355 9504	ELECT 4700U M 25V
D8063	407 149 0807	DIODE 1SS355-TE-17	C682	403 164 0204	CERAMIC 0.1U Z 25V
D8064	407 149 0807	DIODE 1SS355-TE-17	C683	403 368 8808	ELECT 4700U M 10V
D8066	407 149 0807	DIODE 1SS355-TE-17	C684	403 164 0204	CERAMIC 0.1U Z 25V
D8067	407 149 0807	DIODE 1SS355-TE-17	C685	403 325 8605	ELECT 220U M 16V
D8068	407 149 0807	DIODE 1SS355-TE-17	C686	403 323 1301	CERAMIC 0.47U Z 10V
			C688	403 164 0204	CERAMIC 0.1U Z 25V
			C689	403 325 8506	ELECT 1000U M 16V
			C692	403 323 8805	CERAMIC 2.2U Z 16V
MISCELLANEOUS			RESISTOR		
IC1876	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R602	401 242 3901	MT-GLAZE 240K JA 1/2W
IC1877	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R603	401 242 3901	MT-GLAZE 240K JA 1/2W
IC807	407 236 0307	SENSOR MPXHZ6115A6T1	R604	401 258 8204	MT-GLAZE 680 JA 1/3W
X1101	645 045 9122	OSC,CRYSTAL 20MHZ	R606	402 080 8806	MT-GLAZE 680 KA 1W
X3101	645 047 1568	OSC,CRYSTAL 16.200MHZ	R607	401 237 0007	MT-GLAZE 47K JA 1W
X361	645 047 6587	OSC,CRYSTAL 26.000MHZ	R608	401 237 0007	MT-GLAZE 47K JA 1W
X362	645 047 6846	OSC,CRYSTAL 24.000MHZ	R609	401 237 0007	MT-GLAZE 47K JA 1W
X801	645 053 4973	OSC,CRYSTAL 6.4512MHZ	R610	401 237 0007	MT-GLAZE 47K JA 1W
X9801	645 035 8906	OSC,CRYSTAL 48MHZ	R611	401 237 0007	MT-GLAZE 47K JA 1W
X9851	645 035 2249	OSC,CRYSTAL 6.7584MHZ	R612	401 237 0007	MT-GLAZE 47K JA 1W
X9884	645 035 2249	OSC,CRYSTAL 6.7584MHZ	R613	402 095 0604	RESISTER 0.15 JB 5W
			R614	402 095 0604	RESISTER 0.15 JB 5W
			R615	401 105 0405	MT-GLAZE 100 JA 1/16W
			R616	401 105 0504	MT-GLAZE 1K JA 1/16W
			R617	401 105 1600	MT-GLAZE 15K JA 1/16W
			R618	401 105 0306	MT-GLAZE 10 JA 1/16W
			R619	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
			R620	401 105 0405	MT-GLAZE 100 JA 1/16W
			R621	401 105 2607	MT-GLAZE 22 JA 1/16W
			R622	401 224 6005	MT-GLAZE 36K FA 1/16W
			R623	401 105 4304	MT-GLAZE 330K JA 1/16W
			R624	401 105 1907	MT-GLAZE 180 JA 1/16W
			R625	401 158 4108	MT-GLAZE 4.7 JA 1/16W
			R626	401 105 4007	MT-GLAZE 330 JA 1/16W
			R627	401 158 4108	MT-GLAZE 4.7 JA 1/16W
			R628	401 105 0405	MT-GLAZE 100 JA 1/16W
			R630	401 105 4502	MT-GLAZE 390 JA 1/16W
			R631	401 105 0603	MT-GLAZE 10K JA 1/16W
			R632	401 113 6307	MT-GLAZE 4.3K JA 1/16W
			R633	401 105 5509	MT-GLAZE 470K JA 1/16W
			R634	401 105 3505	MT-GLAZE 270K JA 1/16W
			R635	401 105 0405	MT-GLAZE 100 JA 1/16W
			R636	401 105 0504	MT-GLAZE 1K JA 1/16W
			R637	401 218 4406	MT-GLAZE 1.2K FA 1/16W
			R638	401 259 9002	MT-GLAZE 150K FA 1/2W
			R639	401 259 9002	MT-GLAZE 150K FA 1/2W
			R641	401 259 9002	MT-GLAZE 150K FA 1/2W
			R642	401 259 9002	MT-GLAZE 150K FA 1/2W
			R643	401 105 2805	MT-GLAZE 2.2K JA 1/16W
			R644	401 105 3307	MT-GLAZE 2.7K JA 1/16W
			R646	401 105 1600	MT-GLAZE 15K JA 1/16W
			R647	401 111 6309	MT-GLAZE 470 JA 1/2W
			R648	401 111 6309	MT-GLAZE 470 JA 1/2W
			R649	401 105 3000	MT-GLAZE 220K JA 1/16W
			R650	401 105 5301	MT-GLAZE 4.7K JA 1/16W

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R651	401 237 0007	MT-GLAZE 47K JA 1W	△PC601	407 223 7302	PC TLP421F(D4-GB-TP4)
R652	401 237 0007	MT-GLAZE 47K JA 1W		407 223 8309	PC TLP421F(D4-GR-TP4)
R653	401 237 0007	MT-GLAZE 47K JA 1W	△PC602	407 223 7302	PC TLP421F(D4-GB-TP4)
R654	401 237 0007	MT-GLAZE 47K JA 1W		407 223 8309	PC TLP421F(D4-GR-TP4)
R655	401 105 5301	MT-GLAZE 4.7K JA 1/16W	△PC603	407 223 7302	PC TLP421F(D4-GB-TP4)
R656	401 237 0007	MT-GLAZE 47K JA 1W		407 223 8309	PC TLP421F(D4-GR-TP4)
R657	401 237 0007	MT-GLAZE 47K JA 1W	PTH601	408 037 4600	THERMISTOR NTH11D8R0LA
△R658	402 081 2902	FUSIBLE RES 22 JH 1/2W	SUB POWER BOARD		
R659	401 238 4509	MT-GLAZE 47 JA 1/3W	610 312 7538 ASSY,PWB,SUB POWER MS3AA		
△R661	424 006 1302	FUSE 250V 2.5A	TRANSISTOR		
R671	401 105 0504	MT-GLAZE 1K JA 1/16W	Q6603	405 047 9007	TR 2SB1204-S-TL
R672	401 257 7406	MT-GLAZE 120 JA 1/3W		405 047 9106	TR 2SB1204-T-TL
R673	401 105 5301	MT-GLAZE 4.7K JA 1/16W	Q6604	405 014 4509	TR 2SC2412K T146 R
R674	401 105 0603	MT-GLAZE 10K JA 1/16W	Q6609	405 014 4509	TR 2SC2412K T146 R
R680	401 212 0206	MT-GLAZE 33K FA 1/16W	Q6611	405 047 9007	TR 2SB1204-S-TL
R681	401 105 0603	MT-GLAZE 10K JA 1/16W		405 047 9106	TR 2SB1204-T-TL
R682	401 105 3208	MT-GLAZE 270 JA 1/16W	Q6612	405 014 4509	TR 2SC2412K T146 R
R683	401 105 0504	MT-GLAZE 1K JA 1/16W	Q6613	405 014 4509	TR 2SC2412K T146 R
R685	401 105 4601	MT-GLAZE 3.9K JA 1/16W	Q6614	405 014 4509	TR 2SC2412K T146 R
R686	401 105 0504	MT-GLAZE 1K JA 1/16W	Q6616	405 014 4509	TR 2SC2412K T146 R
R687	401 311 9902	MT-GLAZE 6.65K FA 1/16	Q6617	405 014 4509	TR 2SC2412K T146 R
R689	401 105 0504	MT-GLAZE 1K JA 1/16W	Q6618	405 164 2707	TR SI9803DY
R690	401 105 0306	MT-GLAZE 10 JA 1/16W	Q6622	405 156 0209	TR 2SK2376
R691	401 105 3307	MT-GLAZE 2.7K JA 1/16W	Q6623	405 014 4509	TR 2SC2412K T146 R
R692	401 105 0504	MT-GLAZE 1K JA 1/16W	Q6624	405 014 4509	TR 2SC2412K T146 R
R693	401 105 0603	MT-GLAZE 10K JA 1/16W	Q6626	405 047 9007	TR 2SB1204-S-TL
R694	401 105 5301	MT-GLAZE 4.7K JA 1/16W		405 047 9106	TR 2SB1204-T-TL
R695	401 105 0504	MT-GLAZE 1K JA 1/16W	Q6627	405 047 9007	TR 2SB1204-S-TL
R697	401 299 1608	MT-GLAZE 1 JE 1/2W		405 047 9106	TR 2SB1204-T-TL
R698	401 299 1608	MT-GLAZE 1 JE 1/2W	Q6628	405 014 4509	TR 2SC2412K T146 R
R699	401 238 4202	MT-GLAZE 1.5K JA 1/3W	Q6629	405 156 0209	TR 2SK2376
VARIABLE RESISTOR			Q6651	405 139 7706	TR IMZ1A-T108
VR601	645 025 7414	VR,SEMI,1K S	Q6652	405 139 7706	TR IMZ1A-T108
VR681	645 025 7414	VR,SEMI,1K S	Q6661	405 014 4509	TR 2SC2412K T146 R
TRANSFORMER			INTEGRATED CIRCUIT		
T601	645 051 9369	INDUCTOR,625U	IC6601	409 461 7809	IC PQ20WZ11
△T651	645 028 0641	TRANS,POWER,PULSE	IC6602	409 531 6206	IC FA7701V-TE1
COIL			IC6603	409 531 6206	IC FA7701V-TE1
L603	645 052 6213	LINE FILTER	IC6607	409 461 7809	IC PQ20WZ11
L651	645 020 1776	INDUCTOR,3.3U M	IC6608	409 501 9206	IC LTC1622CS8
L681	645 048 5381	INDUCTOR,100U K	IC6609	409 461 7809	IC PQ20WZ11
DIODE			IC6611	409 344 6509	IC UPC1093T-E1
DB601	408 045 4906	DIODE RBV-1506 LF-B	IC6612	409 344 6509	IC UPC1093T-E1
	407 143 6003	DIODE RBV-1506	IC6616	409 531 6206	IC FA7701V-TE1
DS601	407 219 0805	THYRISTOR TF861S	IC6621	409 497 6302	IC BA09FP-E2
DS602	407 219 0805	THYRISTOR TF861S	IC6622	409 416 6505	IC BA05FP-E2
D601	407 190 4106	DIODE SFPL-52V	CAPACITOR		
D602	407 190 4106	DIODE SFPL-52V	CN66A	645 008 3389	PLUG,15P
D603	407 149 6304	DIODE SFPB-54V	C6601	403 164 0204	CERAMIC 0.1U Z 25V
D604	407 225 4408	DIODE FMX-G26S	C6602	403 164 0204	CERAMIC 0.1U Z 25V
D605	407 223 0808	ZENER DIODE 02DZ22Y(TPH3)	C6603	403 229 3508	ELECT 100U M 16V
D606	407 149 0807	DIODE 1SS355-TE-17	C6605	403 348 3700	ELECT 470U M 25V
D607	407 149 0807	DIODE 1SS355-TE-17	C6606	403 333 0806	ELECT 1000U M 10V
D608	407 149 0807	DIODE 1SS355-TE-17	C6608	403 348 3700	ELECT 470U M 25V
D609	407 149 0807	DIODE 1SS355-TE-17	C6609	403 281 5205	CERAMIC 0.22U Z 16V
D610	407 149 6304	DIODE SFPB-54V	C6611	403 155 2309	CERAMIC 4700P K 50V
D611	407 223 1102	ZENER DIODE 02DZ6.2Y(TPH3)	C6613	403 325 8506	ELECT 1000U M 16V
D612	407 149 0807	DIODE 1SS355-TE-17	C6614	403 164 0204	CERAMIC 0.1U Z 25V
D614	407 149 0807	DIODE 1SS355-TE-17	C6617	403 164 0204	CERAMIC 0.1U Z 25V
D615	407 149 0807	DIODE 1SS355-TE-17	C6618	403 281 5205	CERAMIC 0.22U Z 16V
D651	407 190 4106	DIODE SFPL-52V	C6619	403 325 8506	ELECT 1000U M 16V
D652	407 075 5303	DIODE ERA38-06	C6620	403 164 0204	CERAMIC 0.1U Z 25V
D653	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)	C6621	403 155 2309	CERAMIC 4700P K 50V
D681	407 202 9808	DIODE FMB-26L	C6622	403 229 3508	ELECT 100U M 16V
D682	407 202 9808	DIODE FMB-26L	C6624	403 348 3700	ELECT 470U M 25V
D683	407 190 4106	DIODE SFPL-52V	C6625	403 164 0204	CERAMIC 0.1U Z 25V
D684	407 190 4106	DIODE SFPL-52V	C6626	403 164 0204	CERAMIC 0.1U Z 25V
D686	407 223 1102	ZENER DIODE 02DZ6.2Y(TPH3)	C6627	403 325 8506	ELECT 1000U M 16V
MISCELLANEOUS			C6628	403 333 0806	ELECT 1000U M 10V
FB601	610 229 3531	CORE	C6629	403 325 8605	ELECT 220U M 16V
FB602	610 229 3531	CORE			
TSW601	645 026 4511	SWITCH, THERMAL			
	645 043 3009	THERMOSTATS			

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
C6632	403 325 8506	ELECT 1000U M 16V	R6647	401 105 4007	MT-GLAZE 330 JA 1/16W
C6633	403 334 6906	ELECT 1000U M 6.3V	R6648	401 230 4705	MT-GLAZE 680 JA 1W
C6634	403 334 6906	ELECT 1000U M 6.3V	R6649	401 105 3406	MT-GLAZE 27K JA 1/16W
C6636	403 333 0806	ELECT 1000U M 10V	R6650	401 105 0603	MT-GLAZE 10K JA 1/16W
C6637	403 333 0806	ELECT 1000U M 10V	R6651	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
C6639	403 157 6602	CERAMIC 470P K 50V	R6652	401 105 0702	MT-GLAZE 100K JA 1/16W
C6640	403 164 0204	CERAMIC 0.1U Z 25V	R6654	401 177 2406	MT-GLAZE 10M JA 1/16W
C6641	403 157 3601	CERAMIC 100P J 50V	R6655	401 290 1508	MT-GLAZE 0.1 JE 1/2W
C6642	403 157 3601	CERAMIC 100P J 50V	R6656	401 240 6409	MT-GLAZE 2.2 JE 1/2W
C6643	403 333 0806	ELECT 1000U M 10V	R6657	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
C6644	403 164 0204	CERAMIC 0.1U Z 25V	R6658	401 105 1501	MT-GLAZE 1.5K JA 1/16W
C6645	403 164 0204	CERAMIC 0.1U Z 25V	R6659	401 105 5301	MT-GLAZE 4.7K JA 1/16W
C6646	403 164 0204	CERAMIC 0.1U Z 25V	R6660	401 105 0603	MT-GLAZE 10K JA 1/16W
C6647	403 354 8409	ELECT 2200U M 6.3V	R6661	401 105 0603	MT-GLAZE 10K JA 1/16W
C6653	403 347 5507	POS-SOLID 470U M 4V	R6662	401 105 0504	MT-GLAZE 1K JA 1/16W
C6654	403 164 0204	CERAMIC 0.1U Z 25V	R6663	401 238 4202	MT-GLAZE 1.5K JA 1/3W
C6655	403 162 5300	ELECT 4.7U M 25V	R6664	401 105 0603	MT-GLAZE 10K JA 1/16W
C6659	403 164 0204	CERAMIC 0.1U Z 25V	R6665	401 299 1608	MT-GLAZE 1 JE 1/2W
C6660	403 164 0204	CERAMIC 0.1U Z 25V	R6666	401 105 5301	MT-GLAZE 4.7K JA 1/16W
C6661	403 164 0204	CERAMIC 0.1U Z 25V	R6667	401 105 0603	MT-GLAZE 10K JA 1/16W
C6662	403 325 8605	ELECT 220U M 16V	R6668	401 105 0504	MT-GLAZE 1K JA 1/16W
C6667	403 331 0303	ELECT 470U M 16V	R6669	401 105 0603	MT-GLAZE 10K JA 1/16W
C6668	403 331 0303	ELECT 470U M 16V	R6670	401 105 5301	MT-GLAZE 4.7K JA 1/16W
C6669	403 348 3700	ELECT 470U M 25V	R6671	401 203 9904	MT-GLAZE 4.7K FA 1/16W
C6671	403 352 8203	CERAMIC 0.47U Z 16V	R6672	401 105 5202	MT-GLAZE 470 JA 1/16W
C6672	403 155 2309	CERAMIC 4700P K 50V	R6673	401 177 2406	MT-GLAZE 10M JA 1/16W
C6673	403 164 0204	CERAMIC 0.1U Z 25V	R6675	401 247 0202	MT-GLAZE 3.9K FA 1/16W
C6674	403 325 8506	ELECT 1000U M 16V	R6676	401 105 0702	MT-GLAZE 100K JA 1/16W
C6678	403 354 8409	ELECT 2200U M 6.3V	R6677	401 230 2503	MT-GLAZE 1K FA 1/16W
C6701	403 164 0204	CERAMIC 0.1U Z 25V	R6678	401 105 7305	MT-GLAZE 820 JA 1/16W
C6702	403 094 2606	OS-SOLID 47U M 16V	R6679	401 247 0202	MT-GLAZE 3.9K FA 1/16W
C6703	403 164 0204	CERAMIC 0.1U Z 25V	R6681	401 212 0008	MT-GLAZE 15K FA 1/16W
C6704	403 281 5205	CERAMIC 0.22U Z 16V	R6682	401 230 4705	MT-GLAZE 680 JA 1W
C6705	403 094 2606	OS-SOLID 47U M 16V	R6683	401 105 4007	MT-GLAZE 330 JA 1/16W
C6706	403 164 0204	CERAMIC 0.1U Z 25V	R6684	401 290 1508	MT-GLAZE 0.1 JE 1/2W
C6707	403 281 5205	CERAMIC 0.22U Z 16V	R6686	401 113 8400	MT-GLAZE 75K JA 1/16W
C6708	403 164 0204	CERAMIC 0.1U Z 25V	R6687	401 105 5301	MT-GLAZE 4.7K JA 1/16W
C6709	403 094 2606	OS-SOLID 47U M 16V	R6689	401 105 0603	MT-GLAZE 10K JA 1/16W
C6711	403 164 0204	CERAMIC 0.1U Z 25V	R6690	401 105 3307	MT-GLAZE 2.7K JA 1/16W
C6712	403 348 3700	ELECT 470U M 25V	R6691	401 105 0603	MT-GLAZE 10K JA 1/16W
C6713	403 348 3700	ELECT 470U M 25V	R6692	401 235 4403	MT-GLAZE 560 FA 1/16W
C6778	403 205 7803	TA-SOLID 2.2U M 16V	R6694	401 225 5601	MT-GLAZE 2.2 JA 1W
RESISTOR					
R6601	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6695	401 290 1508	MT-GLAZE 0.1 JE 1/2W
R6602	401 219 1107	MT-GLAZE 1.8K FA 1/16W	R6708	401 219 1107	MT-GLAZE 1.8K FA 1/16W
R6604	401 203 9904	MT-GLAZE 4.7K FA 1/16W	R6709	401 219 1107	MT-GLAZE 1.8K FA 1/16W
R6606	401 105 0405	MT-GLAZE 100 JA 1/16W	R6710	401 105 1402	MT-GLAZE 150 JA 1/16W
R6610	401 238 4202	MT-GLAZE 1.5K JA 1/3W	R6717	401 105 0306	MT-GLAZE 10 JA 1/16W
R6611	401 299 1608	MT-GLAZE 1 JE 1/2W	R6718	401 105 0306	MT-GLAZE 10 JA 1/16W
R6620	401 230 4705	MT-GLAZE 680 JA 1W	R6719	401 105 0504	MT-GLAZE 1K JA 1/16W
R6621	401 105 8005	MT-GLAZE 1M JA 1/16W	R6720	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R6623	401 105 4007	MT-GLAZE 330 JA 1/16W	R6722	401 105 0603	MT-GLAZE 10K JA 1/16W
R6624	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R6725	401 290 1508	MT-GLAZE 0.1 JE 1/2W
R6625	401 113 8400	MT-GLAZE 75K JA 1/16W	R6730	401 290 1508	MT-GLAZE 0.1 JE 1/2W
R6626	401 105 0603	MT-GLAZE 10K JA 1/16W	R6731	401 105 0603	MT-GLAZE 10K JA 1/16W
R6627	401 105 2904	MT-GLAZE 22K JA 1/16W	R6732	401 105 0603	MT-GLAZE 10K JA 1/16W
R6628	401 202 4009	MT-GLAZE 10K FA 1/16W	R6736	401 203 9904	MT-GLAZE 4.7K FA 1/16W
R6629	401 219 1107	MT-GLAZE 1.8K FA 1/16W	R6737	401 105 5202	MT-GLAZE 470 JA 1/16W
R6630	401 105 0702	MT-GLAZE 100K JA 1/16W	R6738	401 247 0202	MT-GLAZE 3.9K FA 1/16W
R6631	401 105 3208	MT-GLAZE 270 JA 1/16W	R6739	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R6632	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R6742	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R6633	401 105 0603	MT-GLAZE 10K JA 1/16W	R6751	401 105 2904	MT-GLAZE 22K JA 1/16W
R6634	401 105 3406	MT-GLAZE 27K JA 1/16W	R6752	401 105 2409	MT-GLAZE 2K JA 1/16W
R6635	403 164 0204	CERAMIC 0.1U Z 25V	R6753	401 105 0603	MT-GLAZE 10K JA 1/16W
R6636	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6754	401 105 0504	MT-GLAZE 1K JA 1/16W
R6637	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6756	401 105 0603	MT-GLAZE 10K JA 1/16W
R6638	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R6757	401 113 5706	MT-GLAZE 910 JA 1/16W
R6640	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R6761	401 105 2904	MT-GLAZE 22K JA 1/16W
R6641	401 105 0603	MT-GLAZE 10K JA 1/16W	R6762	401 105 2409	MT-GLAZE 2K JA 1/16W
R6642	401 212 0503	MT-GLAZE 6.8K FA 1/16W	R6763	401 105 0603	MT-GLAZE 10K JA 1/16W
R6643	401 105 0603	MT-GLAZE 10K JA 1/16W	R6764	401 105 0504	MT-GLAZE 1K JA 1/16W
R6644	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R6766	401 105 0603	MT-GLAZE 10K JA 1/16W
R6645	401 290 1508	MT-GLAZE 0.1 JE 1/2W	R6767	401 113 5706	MT-GLAZE 910 JA 1/16W
R6646	401 113 8400	MT-GLAZE 75K JA 1/16W	R6777	401 294 5502	MT-GLAZE 0.03 JX 1/4W
			R6779	401 294 5502	MT-GLAZE 0.03 JX 1/4W

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R6781	401 105 0603	MT-GLAZE 10K JA 1/16W	C1631TM	403 325 8605	ELECT 220U M 16V
R6782	401 105 5301	MT-GLAZE 4.7K JA 1/16W	C1632	403 323 8805	CERAMIC 2.2U Z 16V
R6783	401 105 0603	MT-GLAZE 10K JA 1/16W	C1633	403 164 0204	CERAMIC 0.1U Z 25V
R6784	401 105 5301	MT-GLAZE 4.7K JA 1/16W	C1634	403 323 8805	CERAMIC 2.2U Z 16V
R6785	401 219 1107	MT-GLAZE 1.8K FA 1/16W	C1636	403 325 8605	ELECT 220U M 16V
R6786	401 105 0603	MT-GLAZE 10K JA 1/16W	C1637	403 164 0204	CERAMIC 0.1U Z 25V
R6787	401 230 2503	MT-GLAZE 1K FA 1/16W	C1641	403 164 0204	CERAMIC 0.1U Z 25V
R6788	401 203 9805	MT-GLAZE 2.7K FA 1/16W	C1642	403 304 1801	ELECT 100U M 6.3V
R6795	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	C1643	403 164 0204	CERAMIC 0.1U Z 25V
COIL			C1661	403 323 8805	CERAMIC 2.2U Z 16V
L6604	645 048 5381	INDUCTOR,100U K	C1671	403 323 8805	CERAMIC 2.2U Z 16V
L6606	645 048 5688	INDUCTOR,47U K	C1672	403 323 8805	CERAMIC 2.2U Z 16V
L6607	645 037 4791	INDUCTOR,100U M	C1673	403 304 3102	ELECT 22U M 16V
L6608	645 048 5688	INDUCTOR,47U K	C1674	403 229 3508	ELECT 100U M 16V
L6609	645 046 1996	INDUCTOR,5.6U N	C1675	403 229 3508	ELECT 100U M 16V
L6611	645 007 8125	INDUCTOR,47U K	C1676	403 304 3102	ELECT 22U M 16V
L6612	645 048 5688	INDUCTOR,47U K	C1677	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
L6613	645 007 7975	INDUCTOR,100U K	C1678	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
L6614	645 048 5688	INDUCTOR,47U K	C1679	403 164 0204	CERAMIC 0.1U Z 25V
L6616	645 048 5381	INDUCTOR,100U K	RESISTOR		
L6617	645 048 5688	INDUCTOR,47U K	R1601	401 105 4106	MT-GLAZE 3.3K JA 1/16W
L6619	645 007 7975	INDUCTOR,100U K	R1602	401 105 4106	MT-GLAZE 3.3K JA 1/16W
L6701	645 048 5688	INDUCTOR,47U K	R1603	401 105 0504	MT-GLAZE 1K JA 1/16W
DIODE			R1604	401 105 4106	MT-GLAZE 3.3K JA 1/16W
D6606	407 223 5001	DIODE D1FM3	R1606	401 105 4106	MT-GLAZE 3.3K JA 1/16W
D6607	407 222 1301	DIODE CMS04	R1607	401 105 0504	MT-GLAZE 1K JA 1/16W
D6608	407 149 0807	DIODE 1SS355-TE-17	R1612	401 105 4106	MT-GLAZE 3.3K JA 1/16W
D6609	407 223 5001	DIODE D1FM3	R1613	401 105 4106	MT-GLAZE 3.3K JA 1/16W
D6610	407 149 0807	DIODE 1SS355-TE-17	R1614	401 105 0504	MT-GLAZE 1K JA 1/16W
D6611	407 223 5001	DIODE D1FM3	R1621	401 184 2000	MT-GLAZE 2.2 JA 1/2W
D6614	407 149 0807	DIODE 1SS355-TE-17	R1622	401 184 2000	MT-GLAZE 2.2 JA 1/2W
D6616	407 149 0807	DIODE 1SS355-TE-17	R1623	401 184 2000	MT-GLAZE 2.2 JA 1/2W
D6617	407 149 0807	DIODE 1SS355-TE-17	R1624	401 190 1400	MT-GLAZE 0.000 ZA 1/2W
D6618	407 149 0807	DIODE 1SS355-TE-17	R1630	401 276 4707	MT-GLAZE 0.000 ZA 1/3W
D6661	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)	R1631	401 276 4707	MT-GLAZE 0.000 ZA 1/3W
D6662	407 149 0807	DIODE 1SS355-TE-17	R1632	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
D6663	407 223 0907	ZENER DIODE 02DZ4.7Y(TPH3)	R1633	401 105 5301	MT-GLAZE 4.7K JA 1/16W
D6664	407 149 0807	DIODE 1SS355-TE-17	R1635	401 105 5301	MT-GLAZE 4.7K JA 1/16W
DRIVE BOARD			R1636	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
610 312 7545 ASSY,PWB,DRIVE MS3AA			R1638	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
TRANSISTOR			R1639	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
Q1681	405 045 8705	TR 2SK536-TB	R1641	401 105 0405	MT-GLAZE 100 JA 1/16W
Q1682	405 045 8705	TR 2SK536-TB	R1642	401 105 0405	MT-GLAZE 100 JA 1/16W
INTEGRATED CIRCUIT			R1643	401 105 6100	MT-GLAZE 560K JA 1/16W
IC1601	409 085 1900	IC LB1645N	R1644	401 105 6100	MT-GLAZE 560K JA 1/16W
IC1602	409 114 4803	IC LB1641	R1651	401 105 2409	MT-GLAZE 2K JA 1/16W
IC1611	409 114 4803	IC LB1641	R1652	401 105 2409	MT-GLAZE 2K JA 1/16W
IC1621	409 124 5906	IC L78M12T-TL	R1653	401 105 2409	MT-GLAZE 2K JA 1/16W
IC1631	410 405 9308	IC TDA7056AT/N2	R1656	401 105 2409	MT-GLAZE 2K JA 1/16W
IC1632	410 405 9308	IC TDA7056AT/N2	R1657	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
IC1641	409 404 6302	IC M62320FP	R1658	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
IC1651	409 390 6201	IC EL2244CS	R1661	401 189 8304	MT-GLAZE 180 JA 1/3W
IC1652	409 367 1604	IC BH3540AFS-E2	R1671	401 105 1501	MT-GLAZE 1.5K JA 1/16W
CAPACITOR			R1674	401 105 6506	MT-GLAZE 680 JA 1/16W
C1601	403 325 8506	ELECT 1000U M 16V	R1680	401 105 4700	MT-GLAZE 39K JA 1/16W
C1602	403 149 9208	CERAMIC 0.01U Z 50V	R1681	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
C1603	403 149 9208	CERAMIC 0.01U Z 50V	R1683	401 113 6406	MT-GLAZE 5.1K JA 1/16W
C1604	403 325 8605	ELECT 220U M 16V	R1684	401 113 6307	MT-GLAZE 4.3K JA 1/16W
C1606	403 149 9208	CERAMIC 0.01U Z 50V	R1685	401 105 4700	MT-GLAZE 39K JA 1/16W
C1607	403 149 9208	CERAMIC 0.01U Z 50V	R1686	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
C1608	403 325 8605	ELECT 220U M 16V	R1688	401 113 6406	MT-GLAZE 5.1K JA 1/16W
C1612	403 149 9208	CERAMIC 0.01U Z 50V	R1689	401 113 6307	MT-GLAZE 4.3K JA 1/16W
DIODE			DIODE		
D1601	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)	D1601	407 223 0501	ZENER DIODE 02DZ12Y(TPH3)
D1602	407 208 9703	ZD UDZS-TE-175.6B	D1602	407 208 9703	ZD UDZS-TE-175.6B
D1604	407 149 0807	DIODE 1SS355-TE-17	D1604	407 149 0807	DIODE 1SS355-TE-17
D1611	407 223 1003	ZENER DIODE 02DZ5.1Y(TPH3)	D1611	407 223 1003	ZENER DIODE 02DZ5.1Y(TPH3)
D1653	407 149 0807	DIODE 1SS355-TE-17	D1653	407 149 0807	DIODE 1SS355-TE-17
D1675	407 223 1003	ZENER DIODE 02DZ5.1Y(TPH3)	D1675	407 223 1003	ZENER DIODE 02DZ5.1Y(TPH3)
FILTER BOARD			FILTER BOARD		
610 312 7552 ASSY,PWB,FILTER MS3AA					

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
CAPACITOR					
△C601	404 081 4702	MT-POLYEST 0.22U M 275V		405 163 1602	TR 2SC2812N-L6-TB0
△C602	404 081 4702	MT-POLYEST 0.22U M 275V		405 163 1701	TR 2SC2812N-L7-TB0
△C603	404 073 5106	CERAMIC 470P K 250V	Q1204	405 014 4509	TR 2SC2412K T146 R
△C604	404 073 5106	CERAMIC 470P K 250V		405 014 4608	TR 2SC2412K T146 S
RESISTOR				405 015 8704	TR 2SC2812-L6-TB
△R600	401 238 1003	MT-GLAZE 120K JA 1/2W		405 015 8902	TR 2SC2812-L7-TB
△R601	401 238 1003	MT-GLAZE 120K JA 1/2W	Q1206	405 163 1602	TR 2SC2812N-L6-TB0
VARIABLE RESISTOR				405 163 1701	TR 2SC2812N-L7-TB0
△VA601	407 130 2902	VARISTOR ENC471D-14A		405 014 4509	TR 2SC2412K T146 R
COIL				405 014 4608	TR 2SC2412K T146 S
△L601	645 061 3999	LINE FILTER		405 015 8704	TR 2SC2812-L6-TB
MISCELLANEOUS				405 015 8902	TR 2SC2812-L7-TB
△F601	423 025 1201	FUSE 250V 8A	Q2001	405 163 1602	TR 2SC2812N-L6-TB0
F601A	645 000 5077	HOLDER,FUSE		405 163 1701	TR 2SC2812N-L7-TB0
F601B	645 000 5077	HOLDER,FUSE		405 134 5905	TR 2SA1037AK-T146-R
A/V BOARD					
610 312 6197 ASSY,PWB,A/V MS3AA					
TRANSISTOR				405 147 2205	TR 2SA1037AK-S-T146
Q1001	405 134 5905	TR 2SA1037AK-T146-R		405 002 0308	TR 2SA1037K T146 R
	405 147 2205	TR 2SA1037AK-S-T146		405 002 0407	TR 2SA1037K T146 S
	405 002 0308	TR 2SA1037K T146 R		405 002 6706	TR 2SA1179-M6-TB
	405 002 0407	TR 2SA1037K T146 S		405 002 6904	TR 2SA1179-M7-TB
	405 002 6706	TR 2SA1179-M6-TB		405 163 1503	TR 2SA1179N-M6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 163 1503	TR 2SA1179N-M6-TB	Q2002	405 134 5905	TR 2SA1037AK-T146-R
	405 163 2708	TR 2SA1179N-M7-TB		405 147 2205	TR 2SA1037AK-S-T146
Q1002	405 134 5905	TR 2SA1037AK-T146-R		405 002 0308	TR 2SA1037K T146 R
	405 147 2205	TR 2SA1037AK-S-T146		405 002 0407	TR 2SA1037K T146 S
	405 002 0308	TR 2SA1037K T146 R		405 002 6706	TR 2SA1179-M6-TB
	405 002 0407	TR 2SA1037K T146 S		405 002 6904	TR 2SA1179-M7-TB
	405 002 6706	TR 2SA1179-M6-TB	Q2003	405 163 1503	TR 2SA1179N-M6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 163 1503	TR 2SA1179N-M6-TB		405 134 5905	TR 2SA1037AK-T146-R
	405 163 2708	TR 2SA1179N-M7-TB		405 147 2205	TR 2SA1037AK-S-T146
Q1003	405 134 5905	TR 2SA1037AK-T146-R		405 002 0308	TR 2SA1037K T146 R
	405 147 2205	TR 2SA1037AK-S-T146		405 002 0407	TR 2SA1037K T146 S
	405 002 0308	TR 2SA1037K T146 R		405 002 6706	TR 2SA1179-M6-TB
	405 002 0407	TR 2SA1037K T146 S		405 002 6904	TR 2SA1179-M7-TB
	405 002 6706	TR 2SA1179-M6-TB	Q2004	405 163 1503	TR 2SA1179N-M6-TB
	405 002 6904	TR 2SA1179-M7-TB		405 163 2708	TR 2SA1179N-M7-TB
	405 163 1503	TR 2SA1179N-M6-TB		405 134 5905	TR 2SA1037AK-T146-R
	405 163 2708	TR 2SA1179N-M7-TB		405 147 2205	TR 2SA1037AK-S-T146
Q1004	405 116 6302	TR 2SA1815-4-TB		405 002 0308	TR 2SA1037K T146 R
Q1006	405 116 6302	TR 2SA1815-4-TB		405 002 0407	TR 2SA1037K T146 S
Q1007	405 116 6302	TR 2SA1815-4-TB		405 002 6706	TR 2SA1179-M6-TB
Q1008	405 116 6302	TR 2SA1815-4-TB		405 002 6904	TR 2SA1179-M7-TB
Q1009	405 116 6302	TR 2SA1815-4-TB		405 163 1503	TR 2SA1179N-M6-TB
Q1011	405 116 6302	TR 2SA1815-4-TB		405 163 2708	TR 2SA1179N-M7-TB
Q1012	405 116 6302	TR 2SA1815-4-TB	Q3801	405 014 4509	TR 2SC2412K T146 R
Q1013	405 116 6302	TR 2SA1815-4-TB		405 014 4608	TR 2SC2412K T146 S
Q1014	405 116 6302	TR 2SA1815-4-TB		405 015 8704	TR 2SC2812-L6-TB
Q1016	405 116 6302	TR 2SA1815-4-TB		405 015 8902	TR 2SC2812-L7-TB
Q1201	405 014 4509	TR 2SC2412K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 014 4608	TR 2SC2412K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 015 8704	TR 2SC2812-L6-TB	Q4102	405 014 4509	TR 2SC2412K T146 R
	405 015 8902	TR 2SC2812-L7-TB		405 014 4608	TR 2SC2412K T146 S
	405 163 1602	TR 2SC2812N-L6-TB0		405 015 8704	TR 2SC2812-L6-TB
	405 163 1701	TR 2SC2812N-L7-TB0		405 015 8902	TR 2SC2812-L7-TB
Q1202	405 014 4509	TR 2SC2412K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 014 4608	TR 2SC2412K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 015 8704	TR 2SC2812-L6-TB	Q4104	405 014 4509	TR 2SC2412K T146 R
	405 015 8902	TR 2SC2812-L7-TB		405 014 4608	TR 2SC2412K T146 S
	405 163 1602	TR 2SC2812N-L6-TB0		405 015 8704	TR 2SC2812-L6-TB
	405 163 1701	TR 2SC2812N-L7-TB0		405 015 8902	TR 2SC2812-L7-TB
Q1203	405 014 4509	TR 2SC2412K T146 R		405 163 1602	TR 2SC2812N-L6-TB0
	405 014 4608	TR 2SC2412K T146 S		405 163 1701	TR 2SC2812N-L7-TB0
	405 015 8704	TR 2SC2812-L6-TB	Q4107	405 014 4509	TR 2SC2412K T146 R
	405 015 8902	TR 2SC2812-L7-TB		405 014 4608	TR 2SC2412K T146 S

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description	
Q4109	405 015 8704	TR 2SC2812-L6-TB	Q5308	405 015 8704	TR 2SC2812-L6-TB	
	405 015 8902	TR 2SC2812-L7-TB		405 015 8902	TR 2SC2812-L7-TB	
	405 163 1602	TR 2SC2812N-L6-TB0		405 163 1602	TR 2SC2812N-L6-TB0	
	405 163 1701	TR 2SC2812N-L7-TB0		405 163 1701	TR 2SC2812N-L7-TB0	
	405 014 4509	TR 2SC2412K T146 R		405 014 4509	TR 2SC2412K T146 R	
	405 014 4608	TR 2SC2412K T146 S		405 014 4608	TR 2SC2412K T146 S	
	405 015 8704	TR 2SC2812-L6-TB		405 015 8704	TR 2SC2812-L6-TB	
	405 015 8902	TR 2SC2812-L7-TB		405 015 8902	TR 2SC2812-L7-TB	
	405 163 1602	TR 2SC2812N-L6-TB0		405 163 1602	TR 2SC2812N-L6-TB0	
	405 163 1701	TR 2SC2812N-L7-TB0		405 163 1701	TR 2SC2812N-L7-TB0	
Q4111	405 014 4509	TR 2SC2412K T146 R	INTEGRATED CIRCUIT			
	405 014 4608	TR 2SC2412K T146 S	IC1201	409 462 6009	IC AD8185ARU	
	405 015 8704	TR 2SC2812-L6-TB	IC1202	409 536 5600	IC AD8075ARU	
	405 015 8902	TR 2SC2812-L7-TB	IC3801	409 380 6303	IC HIN232CB	
	405 163 1602	TR 2SC2812N-L6-TB0	IC3802	410 466 3109	IC TWM7000-170010	
Q4112	405 163 1701	TR 2SC2812N-L7-TB0		410 457 7109	IC UPD78F9801GB-8ES-MC3A	
	405 014 4509	TR 2SC2412K T146 R	IC3803	410 457 0100	IC TWM7000-210010	
	405 014 4608	TR 2SC2412K T146 S		410 457 7000	IC UPD78F9116BMC-5A4-MC3A	
	405 015 8704	TR 2SC2812-L6-TB	IC3804	409 395 5902	IC TC7SH00FU-(TE85L)	
	405 015 8902	TR 2SC2812-L7-TB	IC3807	410 356 7507	IC SN74HCT244PWR	
Q5001	405 163 1602	TR 2SC2812N-L6-TB0	IC4101	409 490 8006	IC CXA2151Q	
	405 163 1701	TR 2SC2812N-L7-TB0	IC4102	409 336 3202	IC TC7SH02FU(TE85L)	
	405 014 4509	TR 2SC2412K T146 R	IC4104	409 474 5304	IC NJM2535V	
	405 014 4608	TR 2SC2412K T146 S	IC4105	409 394 9307	IC TC7SH14FU(TE85L)	
	405 015 8704	TR 2SC2812-L6-TB	IC4145	409 461 7304	IC AD8057ART	
Q5002	405 015 8902	TR 2SC2812-L7-TB	IC5001	409 438 5500	IC TC4052BFT	
	405 163 1602	TR 2SC2812N-L6-TB0	IC5002	409 271 7303	IC TC4W66F-TE12L	
	405 163 1701	TR 2SC2812N-L7-TB0	IC5301	409 434 8109	IC TC4053BFT-(EL)	
	405 014 4509	TR 2SC2412K T146 R	IC5302	409 434 8109	IC TC4053BFT-(EL)	
	405 014 4608	TR 2SC2412K T146 S	IC5303	410 343 7008	IC SN74AHCT1G14DBVR	
Q5003	405 015 8704	TR 2SC2812-L6-TB	IC5304	409 484 2003	IC BA7078AF-E2	
	405 015 8902	TR 2SC2812-L7-TB	IC5306	410 482 0908	IC SN74AHCT1G126DCK	
	405 163 1602	TR 2SC2812N-L6-TB0	IC5307	410 482 0908	IC SN74AHCT1G126DCK	
	405 163 1701	TR 2SC2812N-L7-TB0	IC5308	410 349 4100	IC TC7W241FU(TE12L)	
	405 014 4509	TR 2SC2412K T146 R	IC5312	409 461 7304	IC AD8057ART	
Q5004	405 014 4608	TR 2SC2412K T146 S	IC7302	409 394 9307	IC TC7SH14FU(TE85L)	
	405 015 8704	TR 2SC2812-L6-TB	IC7303	409 394 9307	IC TC7SH14FU(TE85L)	
	405 015 8902	TR 2SC2812-L7-TB	CAPACITOR			
	405 163 1602	TR 2SC2812N-L6-TB0	C1001	403 164 0204	CERAMIC	0.1U Z 25V
	405 163 1701	TR 2SC2812N-L7-TB0	C1002	403 283 6309	CERAMIC	1U Z 10V
Q5006	405 014 4509	TR 2SC2412K T146 R	C1003	403 329 2401	CERAMIC	22U Z 10V
	405 014 4608	TR 2SC2412K T146 S	C1004	403 157 4202	CERAMIC	220P J 50V
	405 015 8704	TR 2SC2812-L6-TB	C1006	403 164 0204	CERAMIC	0.1U Z 25V
	405 015 8902	TR 2SC2812-L7-TB	C1007	403 164 0204	CERAMIC	0.1U Z 25V
	405 163 1602	TR 2SC2812N-L6-TB0	C1008	403 164 0204	CERAMIC	0.1U Z 25V
Q5007	405 163 1701	TR 2SC2812N-L7-TB0	C1009	403 321 2607	ELECT	10U M 16V
	405 014 4509	TR 2SC2412K T146 R	C1011	403 321 2607	ELECT	10U M 16V
	405 014 4608	TR 2SC2412K T146 S	C1016	403 157 3601	CERAMIC	100P J 50V
	405 015 8704	TR 2SC2812-L6-TB	C1017	403 157 3601	CERAMIC	100P J 50V
	405 015 8902	TR 2SC2812-L7-TB	C1018	403 157 3601	CERAMIC	100P J 50V
Q5301	405 163 1602	TR 2SC2812N-L6-TB0	C1019	403 157 3601	CERAMIC	100P J 50V
	405 163 1701	TR 2SC2812N-L7-TB0	C1021	403 321 2607	ELECT	10U M 16V
	405 014 4509	TR 2SC2412K T146 R	C1022	403 164 0204	CERAMIC	0.1U Z 25V
	405 014 4608	TR 2SC2412K T146 S	C1023	403 164 0204	CERAMIC	0.1U Z 25V
	405 015 8704	TR 2SC2812-L6-TB	C1024	403 321 2607	ELECT	10U M 16V
Q5302	405 015 8902	TR 2SC2812-L7-TB	C1204	403 164 0204	CERAMIC	0.1U Z 25V
	405 163 1602	TR 2SC2812N-L6-TB0	C1206	403 164 0204	CERAMIC	0.1U Z 25V
	405 163 1701	TR 2SC2812N-L7-TB0	C1207	403 164 0204	CERAMIC	0.1U Z 25V
	405 134 5905	TR 2SA1037AK-T146-R	C1209	403 164 0204	CERAMIC	0.1U Z 25V
	405 147 2205	TR 2SA1037AK-S-T146	C1211	403 164 0204	CERAMIC	0.1U Z 25V
Q5304	405 002 0308	TR 2SA1037K T146 R	C1212	403 164 0204	CERAMIC	0.1U Z 25V
	405 002 0407	TR 2SA1037K T146 S	C1213	403 164 0204	CERAMIC	0.1U Z 25V
	405 002 6706	TR 2SA1179-M6-TB	C1216	403 164 0204	CERAMIC	0.1U Z 25V
	405 002 6904	TR 2SA1179-M7-TB	C1217	403 164 0204	CERAMIC	0.1U Z 25V
	405 163 1503	TR 2SA1179N-M6-TB	C1222	403 164 0204	CERAMIC	0.1U Z 25V
Q5302	405 163 2708	TR 2SA1179N-M7-TB	C1223	403 164 0204	CERAMIC	0.1U Z 25V
	405 014 4509	TR 2SC2412K T146 R	C1224	403 164 0204	CERAMIC	0.1U Z 25V
	405 014 4608	TR 2SC2412K T146 S	C1226	403 283 6309	CERAMIC	1U Z 10V
	405 015 8704	TR 2SC2812-L6-TB	C1227	403 164 0204	CERAMIC	0.1U Z 25V
	405 015 8902	TR 2SC2812-L7-TB	C1228	403 164 0204	CERAMIC	0.1U Z 25V
Q5304	405 163 1602	TR 2SC2812N-L6-TB0	C1229	403 164 0204	CERAMIC	0.1U Z 25V
	405 163 1701	TR 2SC2812N-L7-TB0	C1231	403 157 3106	CERAMIC	56P J 50V
	405 014 4509	TR 2SC2412K T146 R	C1232	403 157 3106	CERAMIC	56P J 50V
	405 014 4608	TR 2SC2412K T146 S	C1233	403 157 3106	CERAMIC	56P J 50V

Electrical Parts List

Key No.	Part No.	Description					Key No.	Part No.	Description				
C1234	403 164 0204	CERAMIC	0.1U Z	25V			C4164	403 321 2607	ELECT	10U M	16V		
C1236	403 164 0204	CERAMIC	0.1U Z	25V			C4166	403 164 0204	CERAMIC	0.1U Z	25V		
C2004	403 164 0204	CERAMIC	0.1U Z	25V			C4167	403 378 6405	CERAMIC	10U Z	16V		
C2006	403 164 0204	CERAMIC	0.1U Z	25V			C4168	403 321 2607	ELECT	10U M	16V		
C2013	403 157 3601	CERAMIC	100P J	50V			C4169	403 164 0204	CERAMIC	0.1U Z	25V		
C2014	403 157 3601	CERAMIC	100P J	50V			C5001	403 323 8805	CERAMIC	2.2U Z	16V		
C2016	403 164 0204	CERAMIC	0.1U Z	25V			C5002	403 323 8805	CERAMIC	2.2U Z	16V		
C2017	403 164 0204	CERAMIC	0.1U Z	25V			C5003	403 323 8805	CERAMIC	2.2U Z	16V		
C2018	403 164 0204	CERAMIC	0.1U Z	25V			C5004	403 378 6405	CERAMIC	10U Z	16V		
C2019	403 235 0102	CERAMIC	39P J	50V			C5006	403 323 8805	CERAMIC	2.2U Z	16V		
C2021	403 155 1609	CERAMIC	33P J	50V			C5007	403 323 8805	CERAMIC	2.2U Z	16V		
C2022	403 235 0102	CERAMIC	39P J	50V			C5008	403 323 8805	CERAMIC	2.2U Z	16V		
C2023	403 155 1609	CERAMIC	33P J	50V			C5009	403 323 1301	CERAMIC	0.47U Z	10V		
C3003	403 164 0204	CERAMIC	0.1U Z	25V			C5011	403 329 2401	CERAMIC	22U Z	10V		
C3004	403 304 2402	ELECT	100U M	10V			C5012	403 164 0204	CERAMIC	0.1U Z	25V		
C3006	403 164 0204	CERAMIC	0.1U Z	25V			C5013	403 164 0204	CERAMIC	0.1U Z	25V		
C3007	403 347 3503	OS-SOLID	120U M	10V			C5014	403 162 4709	ELECT	10U M	16V		
C3008	403 164 0204	CERAMIC	0.1U Z	25V			C5016	403 162 4709	ELECT	10U M	16V		
C3009	403 357 7102	OS-SOLID	47U M	10V			C5017	403 164 0204	CERAMIC	0.1U Z	25V		
C3011	403 164 0204	CERAMIC	0.1U Z	25V			C5301	403 164 0204	CERAMIC	0.1U Z	25V		
C3012	403 357 7102	OS-SOLID	47U M	10V			C5302	403 164 0204	CERAMIC	0.1U Z	25V		
C3013	403 164 0204	CERAMIC	0.1U Z	25V			C5303	403 164 0204	CERAMIC	0.1U Z	25V		
C3801	403 283 6309	CERAMIC	1U Z	10V			C5304	403 164 0204	CERAMIC	0.1U Z	25V		
C3802	403 283 6309	CERAMIC	1U Z	10V			C5306	403 164 0204	CERAMIC	0.1U Z	25V		
C3803	403 283 6309	CERAMIC	1U Z	10V			C5307	403 164 0204	CERAMIC	0.1U Z	25V		
C3804	403 283 6309	CERAMIC	1U Z	10V			C5308	403 164 0204	CERAMIC	0.1U Z	25V		
C3806	403 283 6309	CERAMIC	1U Z	10V			C5309	403 348 5803	CERAMIC	0.47U K	10V		
C3807	403 329 2401	CERAMIC	22U Z	10V			C5311	403 283 6309	CERAMIC	1U Z	10V		
C3808	403 164 0204	CERAMIC	0.1U Z	25V			C5313	403 283 6309	CERAMIC	1U Z	10V		
C3809	403 283 6309	CERAMIC	1U Z	10V			C5317	403 164 0204	CERAMIC	0.1U Z	25V		
C3811	403 164 0204	CERAMIC	0.1U Z	25V			C5318	403 298 9609	CERAMIC	0.1U K	16V		
C3812	403 283 6309	CERAMIC	1U Z	10V				403 325 3303	CERAMIC	0.1U K	16V		
C3813	403 164 0204	CERAMIC	0.1U Z	25V				403 364 5801	CERAMIC	1U K	10V		
C3814	403 164 0204	CERAMIC	0.1U Z	25V				C5322	403 314 5905	CERAMIC	0.47U K	16V	
C4101	403 164 0204	CERAMIC	0.1U Z	25V				C5323	403 355 9900	CERAMIC	2.2U K	10V	
C4102	403 348 5803	CERAMIC	0.47U K	10V				C5324	403 364 5801	CERAMIC	1U K	10V	
C4103	403 348 5803	CERAMIC	0.47U K	10V				C5326	403 157 3601	CERAMIC	100P J	50V	
C4104	403 348 5803	CERAMIC	0.47U K	10V				C5327	403 164 0204	CERAMIC	0.1U Z	25V	
C4106	403 348 5803	CERAMIC	0.47U K	10V				C5328	403 164 0204	CERAMIC	0.1U Z	25V	
C4107	403 348 5803	CERAMIC	0.47U K	10V				C5329	403 164 0204	CERAMIC	0.1U Z	25V	
C4108	403 149 9208	CERAMIC	0.01U Z	50V				C5331	403 164 0204	CERAMIC	0.1U Z	25V	
C4109	403 323 1301	CERAMIC	0.47U Z	10V				C5333	403 149 9208	CERAMIC	0.01U Z	50V	
C4111	403 164 0204	CERAMIC	0.1U Z	25V				C5336	403 164 0204	CERAMIC	0.1U Z	25V	
C4112	403 323 1301	CERAMIC	0.47U Z	10V				C5337	403 164 0204	CERAMIC	0.1U Z	25V	
C4114	403 348 5803	CERAMIC	0.47U K	10V				C5338	403 355 9900	CERAMIC	2.2U K	10V	
C4116	403 348 5803	CERAMIC	0.47U K	10V				C5339	403 155 1302	CERAMIC	150P J	50V	
C4117	403 348 5803	CERAMIC	0.47U K	10V				C5341	403 113 3805	CERAMIC	1000P K	50V	
C4118	403 348 5803	CERAMIC	0.47U K	10V				C5342	403 283 6309	CERAMIC	1U Z	10V	
C4119	403 348 5803	CERAMIC	0.47U K	10V				C7301	403 164 0204	CERAMIC	0.1U Z	25V	
C4127	403 157 2505	CERAMIC	27P J	50V				C7306	403 164 0204	CERAMIC	0.1U Z	25V	
C4128	403 157 2505	CERAMIC	27P J	50V				C7311	403 323 1301	CERAMIC	0.47U Z	10V	
C4129	403 157 2505	CERAMIC	27P J	50V				C7312	403 286 8607	ELECT	470U M	16V	
C4131	403 348 5803	CERAMIC	0.47U K	10V				C7313	403 233 3808	CERAMIC	10P C	50V	
C4132	403 348 5803	CERAMIC	0.47U K	10V				C7314	403 341 3905	POS-SOLID	100U M	6.3V	
C4133	403 348 5803	CERAMIC	0.47U K	10V									
C4134	403 149 9208	CERAMIC	0.01U Z	50V									
C4136	403 149 9208	CERAMIC	0.01U Z	50V									
C4137	403 149 9208	CERAMIC	0.01U Z	50V									
C4138	403 149 9208	CERAMIC	0.01U Z	50V									
C4139	403 149 9208	CERAMIC	0.01U Z	50V									
C4141	403 149 9208	CERAMIC	0.01U Z	50V									
C4142	403 149 9208	CERAMIC	0.01U Z	50V									
C4143	403 323 1301	CERAMIC	0.47U Z	10V									
C4145	403 145 9905	CERAMIC	22P J	50V									
C4146	403 215 2201	CERAMIC	0.01U K	50V									
C4147	403 283 6309	CERAMIC	1U Z	10V									
C4149	403 215 2201	CERAMIC	0.01U K	50V									
C4151	403 155 4204	CERAMIC	15P J	50V									
C4152	403 164 0204	CERAMIC	0.1U Z	25V									
C4153	403 164 0204	CERAMIC	0.1U Z	25V									
C4154	403 164 0204	CERAMIC	0.1U Z	25V									
C4155	403 164 0204	CERAMIC	0.1U Z	25V									
C4156	403 164 0204	CERAMIC	0.1U Z	25V									
C4163	403 321 2607	ELECT	10U M	16V									

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R1037	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R2007	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1038	401 105 2706	MT-GLAZE 220 JA 1/16W	R2008	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1039	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R2009	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1041	401 105 2706	MT-GLAZE 220 JA 1/16W	R2011	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1042	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2012	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1043	401 105 2706	MT-GLAZE 220 JA 1/16W	R2013	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1044	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2014	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1046	401 105 2706	MT-GLAZE 220 JA 1/16W	R2023	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1051	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R2024	401 260 4102	MT-GLAZE 75 JA 1/3W
R1052	401 105 2706	MT-GLAZE 220 JA 1/16W	R2026	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1054	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R2027	401 260 4102	MT-GLAZE 75 JA 1/3W
R1056	401 105 2706	MT-GLAZE 220 JA 1/16W	R2028	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1057	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R2029	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1058	401 105 2706	MT-GLAZE 220 JA 1/16W	R2031	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1059	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2032	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1061	401 105 2706	MT-GLAZE 220 JA 1/16W	R2033	401 105 5509	MT-GLAZE 470K JA 1/16W
R1062	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2034	401 105 0405	MT-GLAZE 100 JA 1/16W
R1063	401 105 2706	MT-GLAZE 220 JA 1/16W	R2036	401 105 0405	MT-GLAZE 100 JA 1/16W
R1064	401 105 0405	MT-GLAZE 100 JA 1/16W	R2037	401 105 5509	MT-GLAZE 470K JA 1/16W
R1066	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R2038	401 105 6506	MT-GLAZE 680 JA 1/16W
R1067	401 105 0405	MT-GLAZE 100 JA 1/16W	R2039	401 105 6506	MT-GLAZE 680 JA 1/16W
R1068	401 105 0405	MT-GLAZE 100 JA 1/16W	R3001	401 105 0603	MT-GLAZE 10K JA 1/16W
R1069	401 260 4102	MT-GLAZE 75 JA 1/3W	R3002	401 105 0405	MT-GLAZE 100 JA 1/16W
R1071	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3004	401 105 0405	MT-GLAZE 100 JA 1/16W
R1072	401 260 4102	MT-GLAZE 75 JA 1/3W	R3006	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1073	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3007	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1074	401 260 4102	MT-GLAZE 75 JA 1/3W	R3012	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1075	401 105 0405	MT-GLAZE 100 JA 1/16W	R3801	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1076	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3802	401 105 0405	MT-GLAZE 100 JA 1/16W
R1078	401 105 5400	MT-GLAZE 47K JA 1/16W	R3803	401 105 0405	MT-GLAZE 100 JA 1/16W
R1079	401 105 5400	MT-GLAZE 47K JA 1/16W	R3804	401 105 0405	MT-GLAZE 100 JA 1/16W
R1082	401 105 0405	MT-GLAZE 100 JA 1/16W	R3805	401 105 0405	MT-GLAZE 100 JA 1/16W
R1083	401 105 5509	MT-GLAZE 470K JA 1/16W	R3806	401 105 0603	MT-GLAZE 10K JA 1/16W
R1084	401 105 5509	MT-GLAZE 470K JA 1/16W	R3807	401 105 0405	MT-GLAZE 100 JA 1/16W
R1086	401 105 5509	MT-GLAZE 470K JA 1/16W	R3809	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R1087	401 105 5509	MT-GLAZE 470K JA 1/16W	R3811	401 105 0504	MT-GLAZE 1K JA 1/16W
R1088	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3813	401 105 0405	MT-GLAZE 100 JA 1/16W
R1089	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3814	401 105 0405	MT-GLAZE 100 JA 1/16W
R1091	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3816	401 105 0405	MT-GLAZE 100 JA 1/16W
R1092	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3817	401 105 0405	MT-GLAZE 100 JA 1/16W
R1093	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R3818	401 105 2904	MT-GLAZE 22K JA 1/16W
R1094	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R3819	401 105 2904	MT-GLAZE 22K JA 1/16W
R1096	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R3821	401 105 2904	MT-GLAZE 22K JA 1/16W
R1097	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R3822	401 105 2904	MT-GLAZE 22K JA 1/16W
R1201	401 105 0405	MT-GLAZE 100 JA 1/16W	R3823	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1202	401 105 0405	MT-GLAZE 100 JA 1/16W	R3824	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1203	401 105 0405	MT-GLAZE 100 JA 1/16W	R3826	401 105 0603	MT-GLAZE 10K JA 1/16W
R1204	401 105 0405	MT-GLAZE 100 JA 1/16W	R3827	401 105 0603	MT-GLAZE 10K JA 1/16W
R1206	401 105 0405	MT-GLAZE 100 JA 1/16W	R3828	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R1207	401 105 0405	MT-GLAZE 100 JA 1/16W	R3829	401 105 5400	MT-GLAZE 47K JA 1/16W
R1208	401 105 0603	MT-GLAZE 10K JA 1/16W	R3831	401 105 0603	MT-GLAZE 10K JA 1/16W
R1209	401 105 0405	MT-GLAZE 100 JA 1/16W	R3832	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1212	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3833	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1213	401 105 1303	MT-GLAZE 15 JA 1/16W	R3834	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1214	401 105 1303	MT-GLAZE 15 JA 1/16W	R3836	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1216	401 105 1303	MT-GLAZE 15 JA 1/16W	R3837	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1217	401 105 0603	MT-GLAZE 10K JA 1/16W	R3838	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1218	401 105 0603	MT-GLAZE 10K JA 1/16W	R3839	401 105 2904	MT-GLAZE 22K JA 1/16W
R1219	401 105 0603	MT-GLAZE 10K JA 1/16W	R3841	401 105 2904	MT-GLAZE 22K JA 1/16W
R1221	401 105 0603	MT-GLAZE 10K JA 1/16W	R3842	401 105 2904	MT-GLAZE 22K JA 1/16W
R1226	401 105 0504	MT-GLAZE 1K JA 1/16W	R3843	401 105 0603	MT-GLAZE 10K JA 1/16W
R1231	401 105 0405	MT-GLAZE 100 JA 1/16W	R3844	401 105 0603	MT-GLAZE 10K JA 1/16W
R1232	401 105 0405	MT-GLAZE 100 JA 1/16W	R3846	401 105 0603	MT-GLAZE 10K JA 1/16W
R1233	401 105 0405	MT-GLAZE 100 JA 1/16W	R3847	401 105 0603	MT-GLAZE 10K JA 1/16W
R1234	401 105 0603	MT-GLAZE 10K JA 1/16W	R3848	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1236	401 105 0603	MT-GLAZE 10K JA 1/16W	R3849	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1237	401 105 0603	MT-GLAZE 10K JA 1/16W	R3851	401 105 0603	MT-GLAZE 10K JA 1/16W
R1238	401 105 0504	MT-GLAZE 1K JA 1/16W	R3853	401 105 0603	MT-GLAZE 10K JA 1/16W
R1239	401 105 0603	MT-GLAZE 10K JA 1/16W	R3854	401 105 0603	MT-GLAZE 10K JA 1/16W
R2001	401 260 4102	MT-GLAZE 75 JA 1/3W	R3856	401 105 0405	MT-GLAZE 100 JA 1/16W
R2002	401 260 4102	MT-GLAZE 75 JA 1/3W	R3857	401 105 0405	MT-GLAZE 100 JA 1/16W
R2003	401 260 4102	MT-GLAZE 75 JA 1/3W	R3858	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2004	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3859	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2006	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3861	401 105 7909	MT-GLAZE 0.000 ZA 1/16W

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R3862	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R5006	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R3863	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5007	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R3864	401 105 0603	MT-GLAZE 10K JA 1/16W	R5008	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3866	401 105 0603	MT-GLAZE 10K JA 1/16W	R5009	401 105 0405	MT-GLAZE 100 JA 1/16W
R4101	401 105 4601	MT-GLAZE 3.9K JA 1/16W	R5011	401 105 0405	MT-GLAZE 100 JA 1/16W
R4102	401 105 8005	MT-GLAZE 1M JA 1/16W	R5012	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R4103	401 105 0504	MT-GLAZE 1K JA 1/16W	R5013	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4104	401 105 4601	MT-GLAZE 3.9K JA 1/16W	R5014	401 105 0405	MT-GLAZE 100 JA 1/16W
R4105	401 105 3000	MT-GLAZE 220K JA 1/16W	R5016	401 105 0405	MT-GLAZE 100 JA 1/16W
R4106	401 105 8005	MT-GLAZE 1M JA 1/16W	R5017	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R4107	401 105 0504	MT-GLAZE 1K JA 1/16W	R5018	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R4108	401 105 4601	MT-GLAZE 3.9K JA 1/16W	R5019	401 105 0405	MT-GLAZE 100 JA 1/16W
R4109	401 105 8005	MT-GLAZE 1M JA 1/16W	R5020	401 105 0603	MT-GLAZE 10K JA 1/16W
R4111	401 105 0504	MT-GLAZE 1K JA 1/16W	R5022	401 105 0603	MT-GLAZE 10K JA 1/16W
R4112	401 105 5806	MT-GLAZE 56 JA 1/16W	R5023	401 105 0603	MT-GLAZE 10K JA 1/16W
R4113	401 105 5806	MT-GLAZE 56 JA 1/16W	R5024	401 105 0603	MT-GLAZE 10K JA 1/16W
R4114	401 105 5806	MT-GLAZE 56 JA 1/16W	R5025	401 105 0603	MT-GLAZE 10K JA 1/16W
R4115	401 105 1006	MT-GLAZE 1.2K JA 1/16W	R5026	401 105 5202	MT-GLAZE 470 JA 1/16W
R4116	401 105 5806	MT-GLAZE 56 JA 1/16W	R5027	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4117	401 105 5806	MT-GLAZE 56 JA 1/16W	R5028	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4118	401 105 5806	MT-GLAZE 56 JA 1/16W	R5029	401 105 0603	MT-GLAZE 10K JA 1/16W
R4119	401 105 5806	MT-GLAZE 56 JA 1/16W	R5301	401 105 0504	MT-GLAZE 1K JA 1/16W
R4121	401 105 5806	MT-GLAZE 56 JA 1/16W	R5302	401 105 0504	MT-GLAZE 1K JA 1/16W
R4122	401 105 5806	MT-GLAZE 56 JA 1/16W	R5304	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R4123	401 105 5806	MT-GLAZE 56 JA 1/16W	R5306	401 105 0306	MT-GLAZE 10 JA 1/16W
R4124	401 105 5806	MT-GLAZE 56 JA 1/16W	R5307	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R4125	401 105 1105	MT-GLAZE 12K JA 1/16W	R5308	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R4126	401 105 5806	MT-GLAZE 56 JA 1/16W	R5309	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4127	401 105 3307	MT-GLAZE 2.7K JA 1/16W	R5311	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4128	401 105 2706	MT-GLAZE 220 JA 1/16W	R5312	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R4129	401 202 4009	MT-GLAZE 10K FA 1/16W	R5313	401 105 0306	MT-GLAZE 10 JA 1/16W
R4130	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5314	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R4131	401 105 0306	MT-GLAZE 10 JA 1/16W	R5316	401 105 0405	MT-GLAZE 100 JA 1/16W
R4132	401 105 0306	MT-GLAZE 10 JA 1/16W	R5317	401 105 1303	MT-GLAZE 15 JA 1/16W
R4133	401 113 4907	MT-GLAZE 200 JA 1/16W	R5318	401 105 1303	MT-GLAZE 15 JA 1/16W
R4134	401 105 0504	MT-GLAZE 1K JA 1/16W	R5320	401 105 2706	MT-GLAZE 220 JA 1/16W
R4136	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5323	401 105 0405	MT-GLAZE 100 JA 1/16W
R4137	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5324	401 105 3109	MT-GLAZE 27 JA 1/16W
R4138	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5328	401 105 1907	MT-GLAZE 180 JA 1/16W
R4139	401 105 0405	MT-GLAZE 100 JA 1/16W	R5329	401 105 8104	MT-GLAZE 56K JA 1/16W
R4141	401 105 0405	MT-GLAZE 100 JA 1/16W	R5331	401 105 0405	MT-GLAZE 100 JA 1/16W
R4142	401 037 1907	MT-GLAZE 680 JA 1/8W	R5332	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R4146	401 037 1907	MT-GLAZE 680 JA 1/8W	R5337	401 105 0405	MT-GLAZE 100 JA 1/16W
R4149	401 105 6506	MT-GLAZE 680 JA 1/16W	R5344	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R4151	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5346	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R4154	401 105 5806	MT-GLAZE 56 JA 1/16W	R5347	401 105 1402	MT-GLAZE 150 JA 1/16W
R4156	401 105 5806	MT-GLAZE 56 JA 1/16W	R5349	401 105 1402	MT-GLAZE 150 JA 1/16W
R4157	401 105 5806	MT-GLAZE 56 JA 1/16W	R5351	401 105 0405	MT-GLAZE 100 JA 1/16W
R4158	401 105 5806	MT-GLAZE 56 JA 1/16W	R5352	401 105 8005	MT-GLAZE 1M JA 1/16W
R4159	401 105 5806	MT-GLAZE 56 JA 1/16W	R5354	401 105 4601	MT-GLAZE 3.9K JA 1/16W
R4162	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5356	401 105 0405	MT-GLAZE 100 JA 1/16W
R4163	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R5357	401 105 0405	MT-GLAZE 100 JA 1/16W
R4164	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5358	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4166	401 105 0603	MT-GLAZE 10K JA 1/16W	R5359	401 105 0603	MT-GLAZE 10K JA 1/16W
R4167	401 105 0603	MT-GLAZE 10K JA 1/16W	R5361	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4168	401 105 0603	MT-GLAZE 10K JA 1/16W	R5362	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4169	401 105 0603	MT-GLAZE 10K JA 1/16W	R5363	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4171	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5371	401 105 0603	MT-GLAZE 10K JA 1/16W
R4172	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5372	401 105 0603	MT-GLAZE 10K JA 1/16W
R4173	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R5373	401 105 0603	MT-GLAZE 10K JA 1/16W
R4174	401 105 4700	MT-GLAZE 39K JA 1/16W	R5374	401 105 0603	MT-GLAZE 10K JA 1/16W
R4176	401 105 3406	MT-GLAZE 27K JA 1/16W	R5376	401 105 0504	MT-GLAZE 1K JA 1/16W
R4177	401 035 4900	MT-GLAZE 1K JA 1/8W	R5377	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R4178	401 105 6100	MT-GLAZE 560K JA 1/16W	R5378	401 105 0603	MT-GLAZE 10K JA 1/16W
R4179	401 105 6100	MT-GLAZE 560K JA 1/16W	R5379	401 105 0603	MT-GLAZE 10K JA 1/16W
R4181	401 105 6100	MT-GLAZE 560K JA 1/16W	R7305	401 105 0306	MT-GLAZE 10 JA 1/16W
R4182	401 105 6100	MT-GLAZE 560K JA 1/16W	R7308	401 105 0504	MT-GLAZE 1K JA 1/16W
R4183	401 105 8005	MT-GLAZE 1M JA 1/16W	R7310	401 105 0306	MT-GLAZE 10 JA 1/16W
R4184	401 105 8005	MT-GLAZE 1M JA 1/16W	COIL		
R4186	401 105 8005	MT-GLAZE 1M JA 1/16W	L1001	645 044 8850	FILTER,EMI 400MHZ
R5001	401 105 4106	MT-GLAZE 3.3K JA 1/16W	L1002	645 044 8850	FILTER,EMI 400MHZ
R5002	401 105 4106	MT-GLAZE 3.3K JA 1/16W	L1003	645 044 8850	FILTER,EMI 400MHZ
R5003	401 105 0405	MT-GLAZE 100 JA 1/16W	L1004	645 044 8850	FILTER,EMI 400MHZ
R5004	401 105 0405	MT-GLAZE 100 JA 1/16W	L1006	645 044 8850	FILTER,EMI 400MHZ

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description	
L1007	645 044 8850	FILTER,EMI 400MHZ	D5311	407 224 6502	ZD UDZS4.7B-TE-17	
L1008	645 044 8843	FILTER,EMI 200MHZ	D5312	407 224 6502	ZD UDZS4.7B-TE-17	
L1009	645 044 8843	FILTER,EMI 200MHZ	D7308	407 149 0807	DIODE 1SS355-TE-17	
L1011	645 044 8850	FILTER,EMI 400MHZ	D7309	407 206 6308	ZD UDZS-TE-175.1B	
L1012	645 044 8850	FILTER,EMI 400MHZ	MISCELLANEOUS			
L1013	645 044 8850	FILTER,EMI 400MHZ	AU1001	645 034 8501	UNIT, REMOCON RECEIVER	
L1014	645 044 8843	FILTER,EMI 200MHZ	IC3001	407 105 8700	PHOTO COUPLE PC113B	
L1016	645 044 8843	FILTER,EMI 200MHZ	K10D	645 028 0382	SOCKET,USB 4P	
L1017	645 045 6183	FILTER,EMI 25MHZ	K10E	645 000 2595	SOCKET,DIN 8P	
L1018	645 045 6183	FILTER,EMI 25MHZ	K10F	645 048 4650	SOCKET,DVI 24P	
L1019	645 045 6183	FILTER,EMI 25MHZ	K10G	645 000 2571	JACK,PHONE D8.0	
L1021	645 045 6183	FILTER,EMI 25MHZ	K10H	645 000 2571	JACK,PHONE D8.0	
L1022	645 045 6183	FILTER,EMI 25MHZ	K20A	645 041 3506	JACK,RCA-2	
L1023	645 045 6183	FILTER,EMI 25MHZ	K20B	645 041 3537	JACK,RCA-3	
L1024	645 045 6183	FILTER,EMI 25MHZ	K20D	610 010 8295	SOCKET,DIN 4P	
L1026	645 045 6183	FILTER,EMI 25MHZ	K20H	645 000 2571	JACK,PHONE D8.0	
L1027	645 045 6183	FILTER,EMI 25MHZ	K30A	645 009 8093	SOCKET,D-SUB 15P	
L1028	645 045 6183	FILTER,EMI 25MHZ	K30B	645 036 5201	SOCKET,BNC 5P	
L1031	645 045 6183	FILTER,EMI 25MHZ	SC1001	645 045 7449	SURGE-ABSORBER	
L1034	645 050 8448	IMPEDANCE,1000 OHM P	SC1002	645 045 7449	SURGE-ABSORBER	
L1035	645 050 8448	IMPEDANCE,1000 OHM P	SC1003	645 045 7449	SURGE-ABSORBER	
L1201	645 026 0964	INDUCTOR,10U K	SC1004	645 045 7449	SURGE-ABSORBER	
L2001	645 044 8836	FILTER,EMI 100MHZ	SC1006	645 045 7449	SURGE-ABSORBER	
L2002	645 044 8836	FILTER,EMI 100MHZ	SC1007	645 045 7449	SURGE-ABSORBER	
L2003	645 044 8836	FILTER,EMI 100MHZ	SC1008	645 045 7449	SURGE-ABSORBER	
L2004	645 044 8836	FILTER,EMI 100MHZ	SC1009	645 045 7449	SURGE-ABSORBER	
L2005	645 050 8448	IMPEDANCE,1000 OHM P	SC1011	645 045 7449	SURGE-ABSORBER	
L2006	645 044 8836	FILTER,EMI 100MHZ	SC1012	645 045 7449	SURGE-ABSORBER	
L2008	645 045 6183	FILTER,EMI 25MHZ	SC1013	645 045 7449	SURGE-ABSORBER	
L2009	645 045 6183	FILTER,EMI 25MHZ	SC1014	645 045 7449	SURGE-ABSORBER	
L2011	645 026 1039	INDUCTOR,6.8U M	SC1016	645 045 7449	SURGE-ABSORBER	
L2012	645 026 1039	INDUCTOR,6.8U M	SC1017	645 045 7449	SURGE-ABSORBER	
L2014	645 050 8448	IMPEDANCE,1000 OHM P	SC2001	645 045 7449	SURGE-ABSORBER	
L2031	645 050 8448	IMPEDANCE,1000 OHM P	SC2002	645 045 7449	SURGE-ABSORBER	
L3001	645 045 6183	FILTER,EMI 25MHZ	SC2003	645 045 7449	SURGE-ABSORBER	
L3002	645 045 6183	FILTER,EMI 25MHZ	SC2004	645 045 7449	SURGE-ABSORBER	
L4101	645 050 8448	IMPEDANCE,1000 OHM P	SC2006	645 045 7449	SURGE-ABSORBER	
L4105	645 050 8448	IMPEDANCE,1000 OHM P	SC2007	645 045 7449	SURGE-ABSORBER	
L5301	645 050 8448	IMPEDANCE,1000 OHM P	SC2008	645 045 7449	SURGE-ABSORBER	
L7301	645 050 8448	IMPEDANCE,1000 OHM P	SW1001	645 042 8197	SWITCH,PUSH 1P-1TX1	
L7302	645 050 8448	IMPEDANCE,1000 OHM P	X3801	645 053 9114	OSC,CERAMIC 6.000MHZ	
DIODE			X3802	645 053 3877	OSC,CERAMIC 5.000MHZ	
D1001	407 206 6308	ZD UDZS-TE-175.1B	X4101	645 041 3841	OSC,CRYSTAL 4MHZ	
D1002	407 206 6308	ZD UDZS-TE-175.1B	I/F BOARD			
D1003	407 209 1201	ZD UDZS-TE-176.2B	610 312 6203 ASSY,PWB I/F MS3AA			
D1007	407 209 1201	ZD UDZS-TE-176.2B	INTEGRATED CIRCUIT			
D1008	407 209 1201	ZD UDZS-TE-176.2B	IC7001	409 523 7006	IC PQ05VY3H3ZP	
D1009	407 218 7706	ZENER DIODE UDZS20B-TE-17	IC7002	409 523 7006	IC PQ05VY3H3ZP	
D1011	407 218 7706	ZENER DIODE UDZS20B-TE-17	IC7003	409 416 6406	IC BA033FP-E2	
D1013	407 218 7706	ZENER DIODE UDZS20B-TE-17	IC7004	409 499 1800	IC PQ018EZ01ZP	
D1014	407 218 7706	ZENER DIODE UDZS20B-TE-17	CAPACITOR			
D1016	407 149 0807	DIODE 1SS355-TE-17	C7001	403 304 2402	ELECT 100U M 10V	
D1017	407 149 0807	DIODE 1SS355-TE-17	C7002	403 164 0204	CERAMIC 0.1U Z 25V	
D3001	407 209 1201	ZD UDZS-TE-176.2B	C7003	403 164 0204	CERAMIC 0.1U Z 25V	
D3002	407 209 1201	ZD UDZS-TE-176.2B	C7004	403 304 1801	ELECT 100U M 6.3V	
D3003	407 209 1201	ZD UDZS-TE-176.2B	C7009	403 175 4406	ELECT 22U M 10V	
D3801	407 149 0807	DIODE 1SS355-TE-17	C7011	403 164 0204	CERAMIC 0.1U Z 25V	
D3802	407 149 0807	DIODE 1SS355-TE-17	C7012	403 164 0204	CERAMIC 0.1U Z 25V	
D3803	407 149 0807	DIODE 1SS355-TE-17	C7013	403 175 4406	ELECT 22U M 10V	
D4101	407 149 0807	DIODE 1SS355-TE-17	C7014	403 164 0204	CERAMIC 0.1U Z 25V	
D4102	407 149 0807	DIODE 1SS355-TE-17	C7016	403 304 2402	ELECT 100U M 10V	
D4104	407 092 9506	DIODE SB07-03C-TB	C7017	403 304 2402	ELECT 100U M 10V	
D5001	407 218 7409	ZENER DIODE UDZS15B-TE-17	C7018	403 164 0204	CERAMIC 0.1U Z 25V	
D5002	407 218 7409	ZENER DIODE UDZS15B-TE-17	C7019	403 164 0204	CERAMIC 0.1U Z 25V	
D5003	407 218 7409	ZENER DIODE UDZS15B-TE-17	C7021	403 164 0204	CERAMIC 0.1U Z 25V	
D5004	407 218 7409	ZENER DIODE UDZS15B-TE-17	C7022	403 304 1801	ELECT 100U M 6.3V	
D5006	407 218 7409	ZENER DIODE UDZS15B-TE-17	C7023	403 304 1801	ELECT 100U M 6.3V	
D5007	407 218 7409	ZENER DIODE UDZS15B-TE-17	RESISTOR			
D5008	407 218 7409	ZENER DIODE UDZS15B-TE-17	R7001	401 105 0405	MT-GLAZE 100 JA 1/16W	
D5009	407 149 0807	DIODE 1SS355-TE-17	R7002	401 105 0405	MT-GLAZE 100 JA 1/16W	
D5011	407 149 0807	DIODE 1SS355-TE-17				
D5012	407 149 0807	DIODE 1SS355-TE-17				
D5301	407 149 0807	DIODE 1SS355-TE-17				
D5302	407 149 0807	DIODE 1SS355-TE-17				

Electrical Parts List

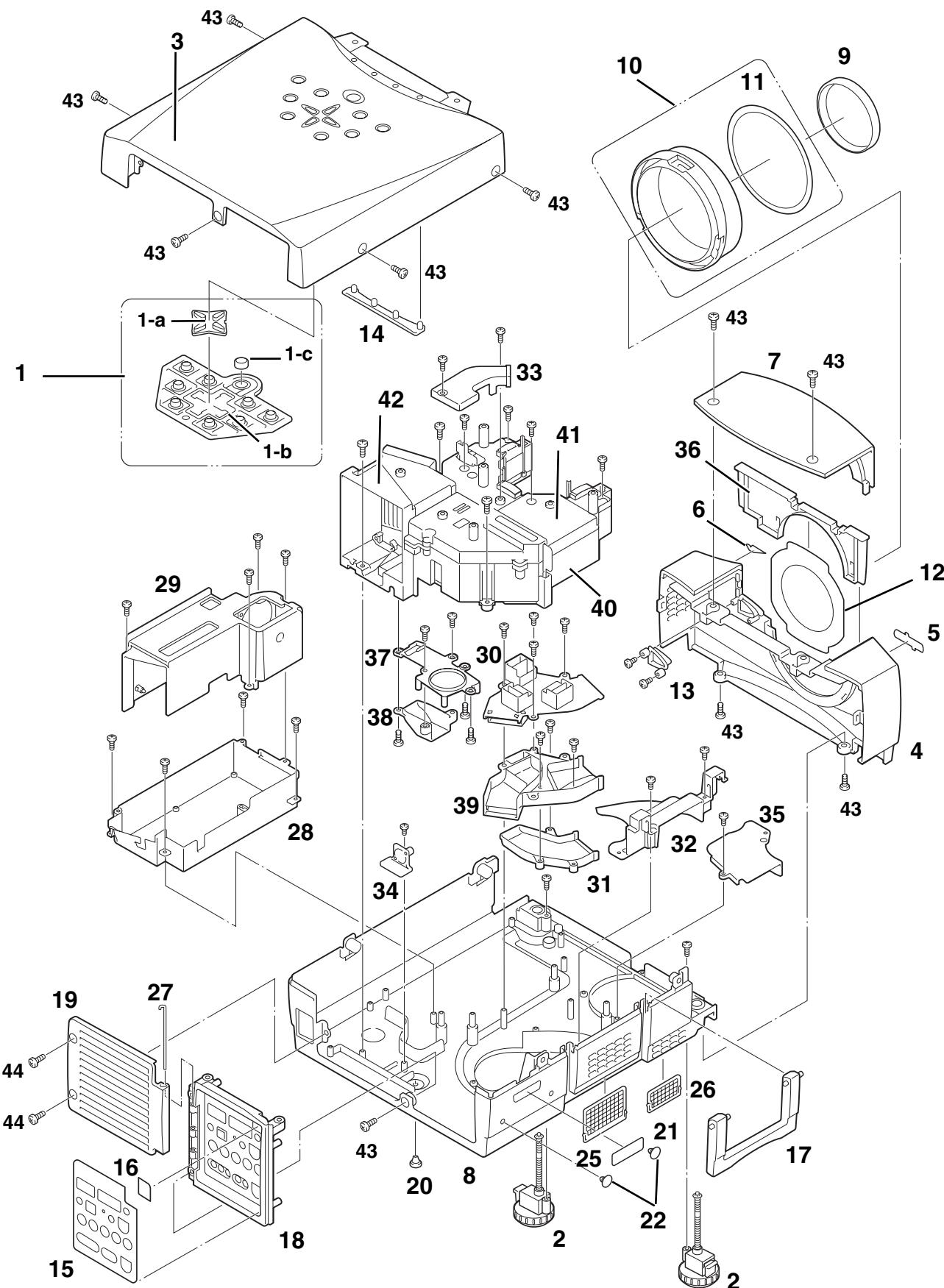
Key No.	Part No.	Description		Key No.	Part No.	Description	
R7003	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7004	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7006	401 113 4907	MT-GLAZE	200 JA 1/16W				
R7007	401 105 2409	MT-GLAZE	2K JA 1/16W				
R7008	401 105 6605	MT-GLAZE	6.8K JA 1/16W				
R7009	401 290 1508	MT-GLAZE	0.1 JE 1/2W				
R7014	401 105 7909	MT-GLAZE	0.000 ZA 1/16W				
R7016	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7017	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7018	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7019	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7021	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7022	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7023	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7024	401 105 7909	MT-GLAZE	0.000 ZA 1/16W				
R7026	401 113 4907	MT-GLAZE	200 JA 1/16W				
R7027	401 105 2409	MT-GLAZE	2K JA 1/16W				
R7028	401 105 6605	MT-GLAZE	6.8K JA 1/16W				
R7029	401 234 8105	MT-GLAZE	4.7 JA 1W				
R7030	401 105 7909	MT-GLAZE	0.000 ZA 1/16W				
R7031	401 234 8105	MT-GLAZE	4.7 JA 1W				
R7032	401 105 0405	MT-GLAZE	100 JA 1/16W				
R7033	401 035 4108	MT-GLAZE	0.000 ZA 1/8W				
R7034	401 035 4108	MT-GLAZE	0.000 ZA 1/8W				
R7035	401 105 7909	MT-GLAZE	0.000 ZA 1/16W				
R7036	401 105 2508	MT-GLAZE	20K JA 1/16W				
R7038	401 105 7909	MT-GLAZE	0.000 ZA 1/16W				
R7039	401 105 7909	MT-GLAZE	0.000 ZA 1/16W				
DIODE							
D7001	407 209 1201	ZD UDZS-TE-176.2B					
D7002	407 209 1201	ZD UDZS-TE-176.2B					
D7003	407 209 1201	ZD UDZS-TE-176.2B					
D7004	407 209 1201	ZD UDZS-TE-176.2B					
D7006	407 209 1201	ZD UDZS-TE-176.2B					
D7007	407 209 1201	ZD UDZS-TE-176.2B					
MISCELLANEOUS							
K70C	645 051 9611	PLUG,D-SUB 25P					
ACCESSORIES							
PRINTED MATTER / OWNER'S MANUAL							
(English)	610 306 0910	OWNER'S MANUAL-MS3A					
(Germany)	610 306 0927	OWNER'S MANUAL-MS3A-D					
(French)	610 306 0934	OWNER'S MANUAL-MS3A-F					
(Italian)	610 306 0941	OWNER'S MANUAL-MS3A-I					
(Spanish)	610 306 0958	OWNER'S MANUAL-MS3A-E					
	610 306 7049	LENS INST MANUAL-MR3A					
REMOTE CONTROL							
	645 060 2238	ASSY,REMOCON CXPC					
	610 302 4196	RC-BATTERY LID-CXLZ					
AC CORD							
(US)	645 064 6362	CORD,POWER-3.0MK,US					
(EU)	645 054 1155	CORD,POWER-3.0MK					
(UK)	645 054 1148	CORD,POWER-3.0MK					
CABLE AND ADAPTER							
	645 039 7219	CABLE,MOUSE SERIAL					
	610 234 0969	CABLE,REMOTE					
	645 061 5115	CABLE,USB					
	645 057 2999	CABLE,INTERFACE VGA					
MISCELLANEOUS							
	610 294 3351	COVER,DUST-MA8A					
Service parts for PLC-XP50L(without lens model) only as follows :							
(Refer to page.68)							
70	610 306 6707	ASSY,MOUNTING LENS-MR3A (Including Key No.24,45)					
24	610 306 6691	ASSY,MOUNTING LENS A-MR3A (Including Key No.24-a)					
24-a	610 306 5922	ASSY,PWB,BASE NET MR3A					
45	412 062 4009	SPECIAL SCREW					
73	610 301 6658	ASSY,SPACER BF-MY8A					

■ Mechanical Parts List

MS3-XP5000, MS3-XP50L00

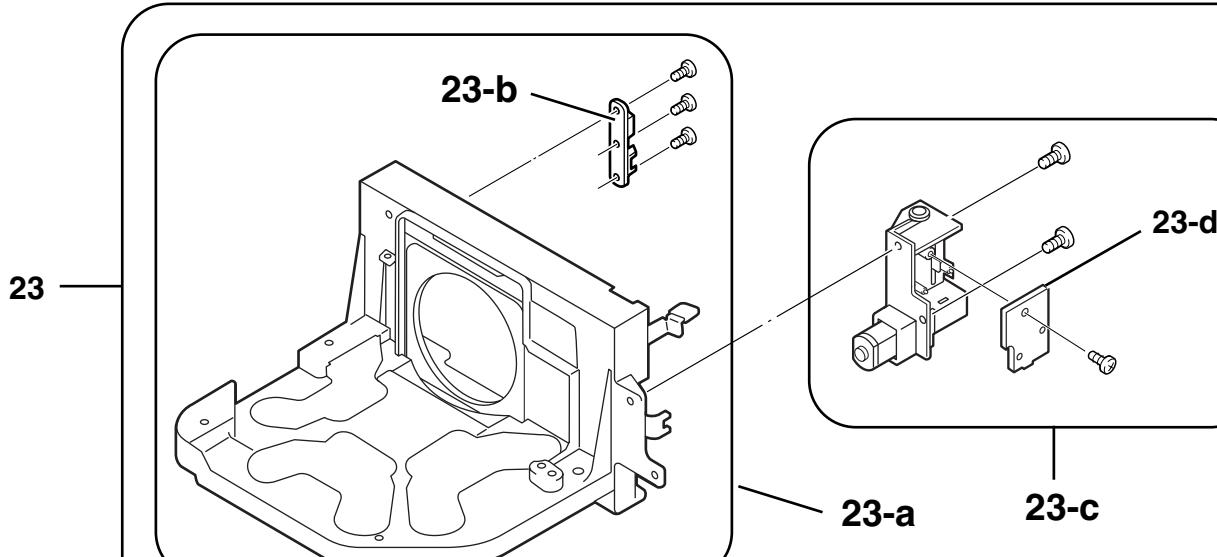
Note: Parts order must contain Chassis No., Part No., and Descriptions.

● CABINET PARTS



Mechanical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
CABINET PARTS					CHASSIS PARTS
1	610 293 5493	ASSY,BUTTON-MA8A (Including Key No. 1-a, b, c)	23	610 306 5182	COMPL,HOLDER LNS A MR3A (Including Key No.23-a to d)
1-a	610 294 2637	BUTTON U/D-MA8A	23-a	610 306 5946	COMPL,HOLDER LNS BASE MR3
1-b	610 293 5554	BUTTON-MA8A	23-b	610 306 6639	ASSY,PWB,LENS-BASE NET MR
1-c	610 293 5875	CAP BUTTON-MA8A	23-c	610 306 5953	ASSY,HOLDER MTR-MR3A
2	610 293 5547	COMPL,STAND LEG-MA8A	23-d	645 060 3785	UNIT,MOUNTING LNS BASE MR
3	610 293 5561	CABINET TOP-MA8A	24	610 306 6691	ASSY,MOUNTING LENS A-MR3A (Including Key No.24-a)
4	610 296 5667	CABINET FRONT SERVICE-MA8 (Including Key No. 5, 6)	24-a	610 306 5922	ASSY,PWB,BASE NET MR3A
5	645 048 6043	BADGE,SANYO*35.0X7.5L35.0	25	610 303 8773	ASSY,PANEL NET A-MA8AA
6	610 289 1812	BADGE V MARK S-MK6A	26	610 303 8780	ASSY,PANEL NET B-MA8AA
7	610 293 5585	CABINET FRONT A-MA8A	27	610 293 6131	MOUNTING SHAFT-MA8A
8	610 297 3921	CABINET BOTTOM-MA8AA	28	610 293 6162	MOUNTING POW BTM-MA8A
9	610 277 2203	CAP LENS-M6SAA	29	610 299 5381	MOUNTING POW TOP-MA8AA
10	610 296 5872	COVER CABINET FRONT SRV-M (Including Key No. 11)	30	610 309 7701	MOUNTING DUCT TOP-MR3A
11	610 294 5225	DEC RING-MA8A	31	610 293 6209	MOUNTING DUCT B COVER-MA8
12	610 285 3735	COVER LNS A-MM6A(B04301)	32	610 293 6216	MOUNTING DUCT FAN A-MA8A
13	610 293 5899	DEC INLAY RC-MA8A	33	610 308 9652	MOUNTING DUCT PBS-MR3A
14	610 293 5912	DEC INLAY LED-MA8A	34	610 293 6230	MOUNTING TEMP SW-MA8A
15	610 308 1205	DEC AV SHEET-MR3A	35	610 293 6650	MOUNTING DUCT FAN B-MA8A
16	610 293 5936	DEC SHEET RC-MA8A	36	610 293 9934	MTG COVER LNS-MA8A
17	610 310 5598	COMP,HANDLE SERVICE-MA8A	37	610 297 4003	MOUNTING DUCT LMP TOP-MA8
18	610 293 5615	PANEL AV-MA8A	38	610 297 4010	MOUNTING DUCT LMP BTM-MA8
19	610 293 5622	PANEL FAN-MA8A	39	610 308 0062	MOUNTING DUCT BTM-MR3A
20	610 293 9972	SPACER LEG-MA8A	40	610 306 5403	OPTICAL BASE BTM-MA8AA-B
21	610 297 7929	SPACER COVER NWMG-MA8AA	41	610 293 4847	OPTICAL BASE TOP-MA8A
22	610 297 7936	SPACER COVER SCREW NWMG-M	42	610 299 2939	OPTICAL LAMP COVER-MA8AA
SCREWS -CABINET-					SCREWS -CHASSIS-
43	411 098 1402	SCR S-TPG BIN 4X10	46	411 174 9308	BOLT HEX-SCT+SW+W 2.5X6
44	412 063 7900	SPECIAL SCREW(SILVER)	47	411 174 9407	BOLT HEX-SCT 2.5X6
45	412 062 3705	SPECIAL SCREW	48	411 030 5901	SCR BIN 2X4



■ Optical Parts List

MS3-XP5000, MS3-XP50L00

Key No.	Part No.	Description	Key No.	Part No.	Description
OPTICAL PARTS					
49	645 041 3711	ASSY, PRISM(PBS)	72	610 311 6983	ASSY, LCD PNL/PRISM-MS3AA (Including Key No. 72-a to g)
50	645 050 7502	LENS,CONDENSER (G)	72-a	645 065 4466	OPTICAL FILTER (WV/OUT)R
51	645 024 9037	LENS,CONDENSER	72-b	645 066 7534	OPTICAL FILTER (WV/OUT)G
52	645 047 2831	LENS,INTEGRATOR(IN)	72-c	645 067 1517	OPTICAL FILTER (WV-KC)-2
53	645 066 7527	LENS,INTEGRATOR(OUT)	72-d	645 067 0558	POLARIZED GLASS(OUT/R)
54	645 047 2855	LENS,CONDENSER(IN)	72-e	645 063 1252	POLARIZED GLASS(OUT/G)
55	645 047 2862	LENS,CONDENSER(OUT)	72-f	645 063 1269	POLARIZED GLASS(OUT/B)
56	645 047 2879	LENS,CONDENSER(R)	72-g	645 063 1276	PREPOLARIZED GLASS(OUT)
57	645 047 2886	LENS,RELAY(IN)	73	610 301 6658	ASSY, SPACER BF-MY8A
58	645 047 2893	LENS,RELAY(OUT)			
59	645 044 2575	MIRROR(R)			
60	645 047 7508	MIRROR(W-COLD)			
61	645 047 7515	MIRROR(B)			
62	645 053 8308	OPTICAL FILTER(UV CUT431)			
63	645 066 7190	OPTICAL FILTER(WV/IN)RG			
64	645 063 1214	POLARIZED GLASS(IN/R)			
65	645 063 1221	POLARIZED GLASS(IN/G)			
66	645 066 5677	POLARIZED GLASS(IN/B)			
67	645 050 7892	DICHROIC MIRROR (G)			
68	645 047 2923	DICHROIC MIRROR (B)			
71	645 043 7144	ASSY,LENS,PROJECTION (Including Key No. 71-a)			
71-a	645 032 8664	MOTOR,LENS(Z,F) DC 0.2W			

DIFFERENCES BETWEEN THE MODELS

Key No.	PLC-XP50	PLC-XP50L
9	610 277 2203	Not used
12	610 285 3735	Not used
45	412 062 3705	412 062 4009
71	645 043 7144	Not used
73	Not used	610 301 6658

Note : No.70 of PLC-XP50L

This item belongs to "Accessories".
No.70 includes No.24 and No.45.

Note : No.73 of PLC-XP50L
This item belongs to "Accessories".
Refer to "Lens instruction manual".

Note : No.45 of PLC-XP50L
This item belongs to "Accessories".

Note : No.71 of PLC-XP50
(PLC-XP50L does not provide the projection lens.)

24

73

24-a

45

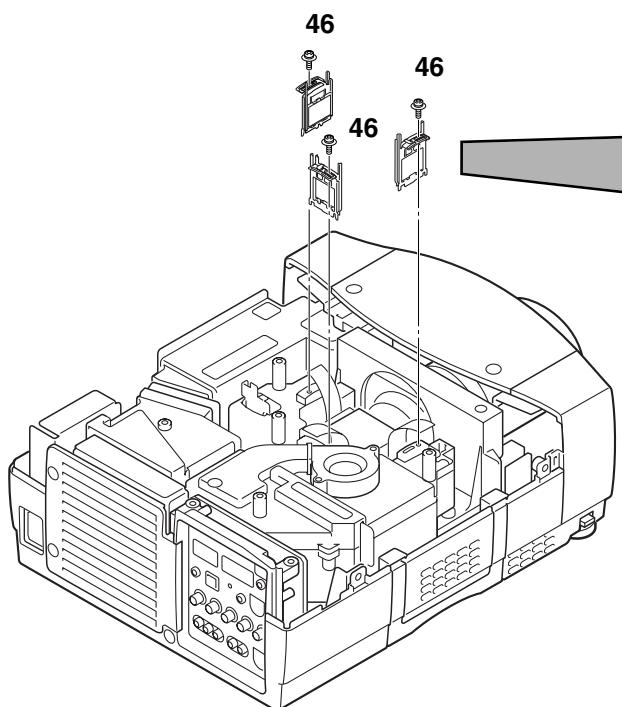
45

71

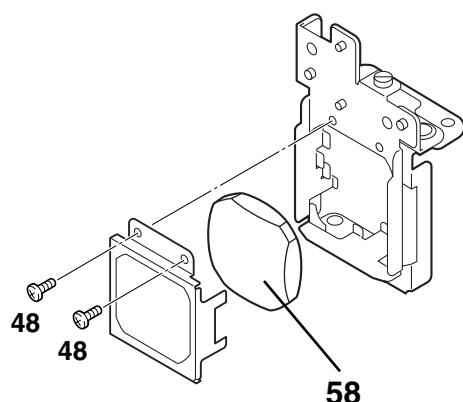
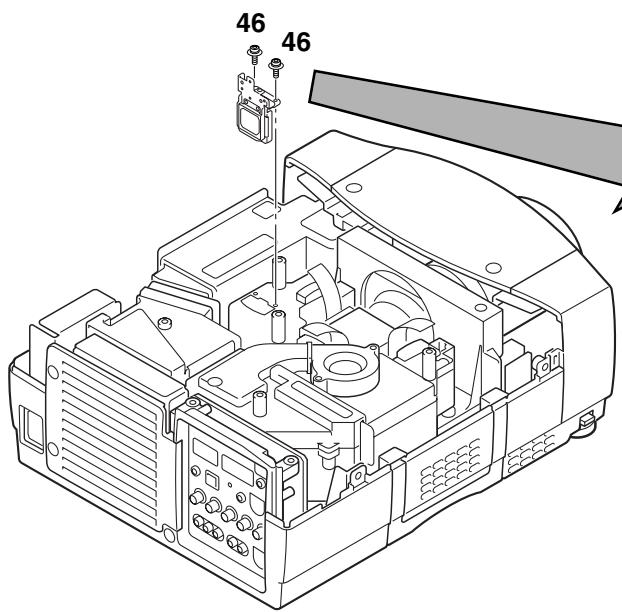
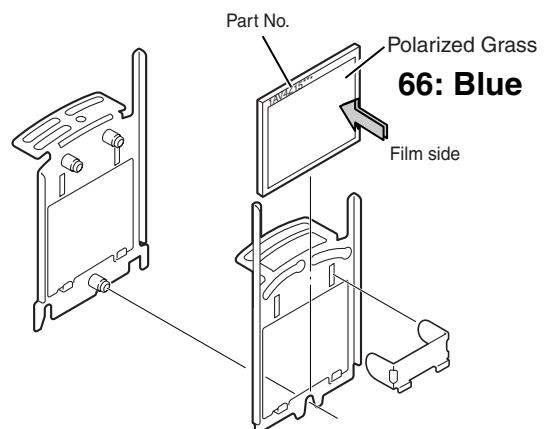
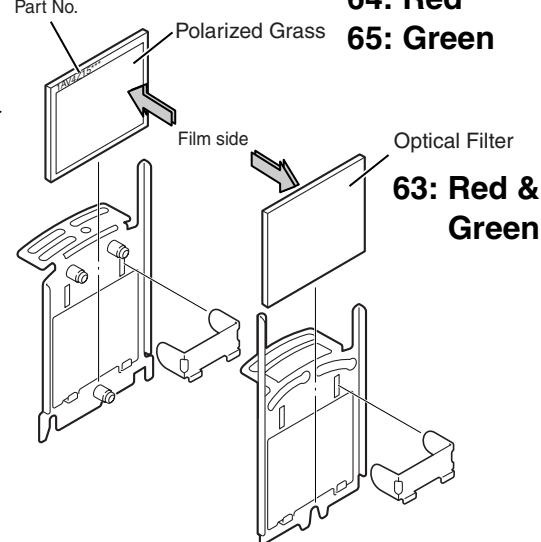
71-a

Optical Parts List

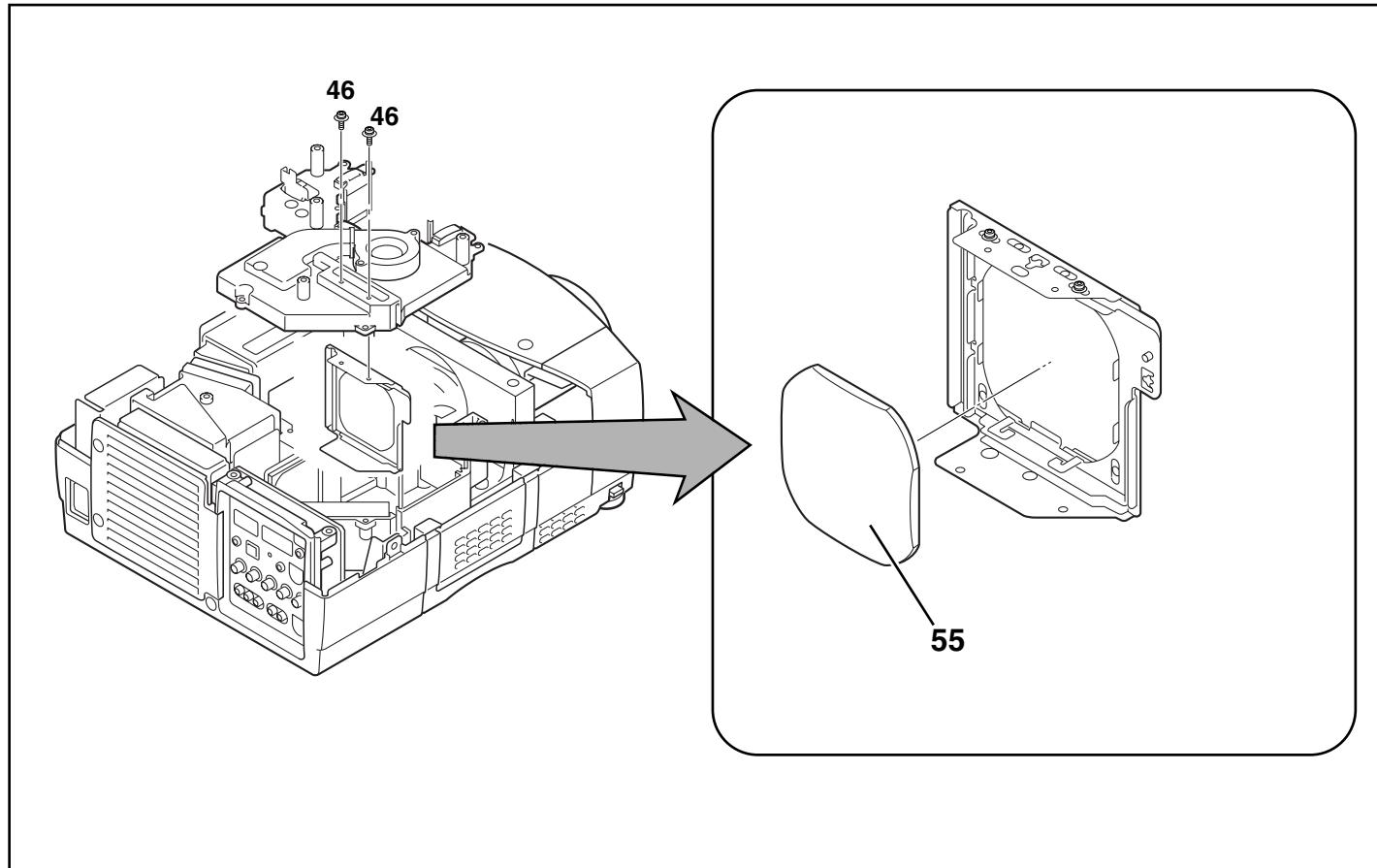
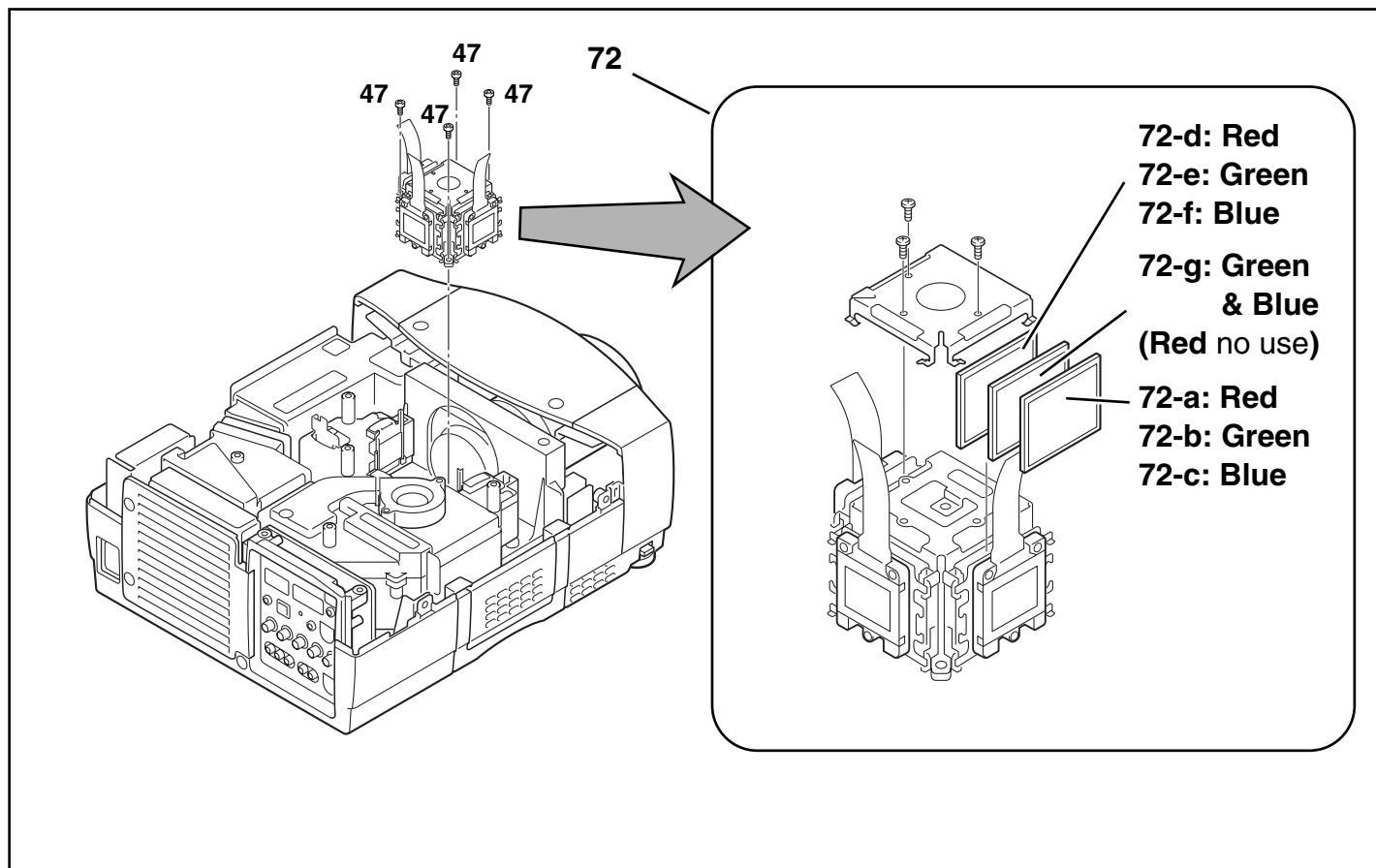
Note: Parts order must contain Chassis No., Part No., and Descriptions.

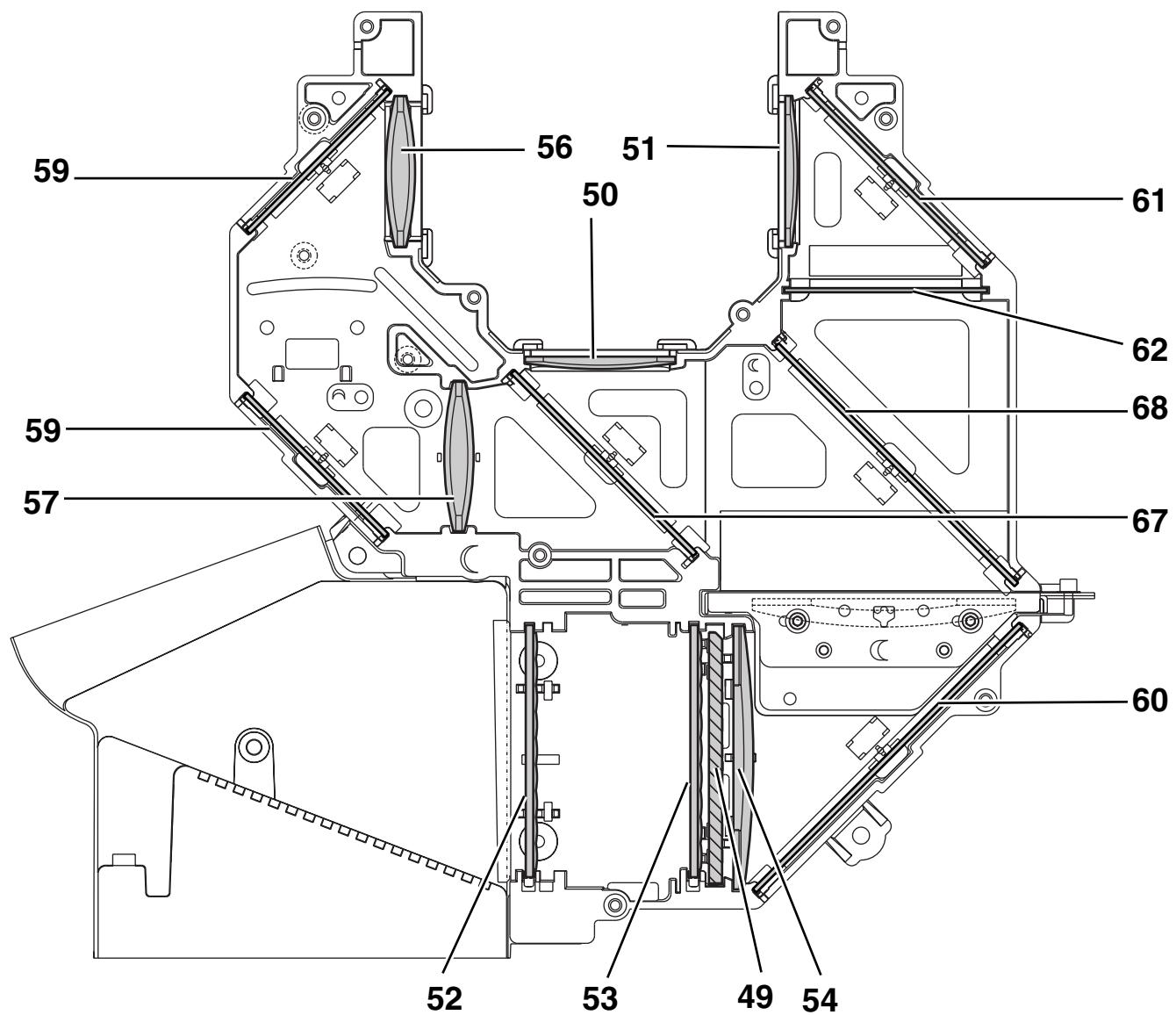


64: Red
65: Green



Optical Parts List



**CAUTION:**

Part must be placed in specified direction when replacing the optical parts. Please see "Optical Parts Disassemblies" for further instructions.

SANYO

Schematic Diagrams Printed Wiring Board Drawings

Model	Chassis No.
PLC-XP50	MS3-XP5000
PLC-XP50L	MS3-XP50L00

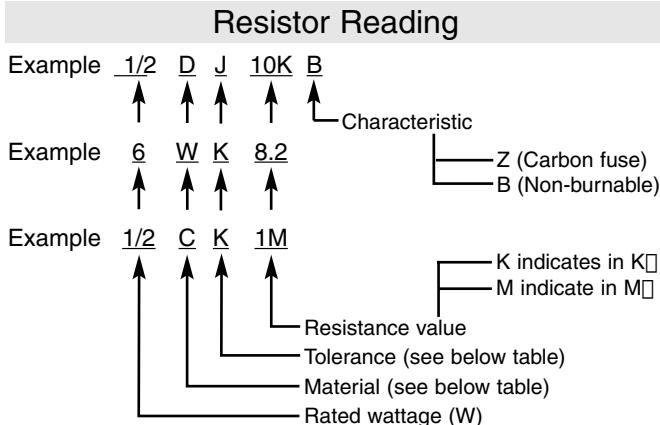
These schematic diagrams and printed wiring board drawings are part of the service manual original for chassis No. MS3-XP5000/XP50L00 models PLC-XP50/50L. File with the service manual No. SS5110575-00.

Note:

All the information of part numbers and values indicated on these diagrams are at the beginning of production. To improve the performance, there may be some differences to the actual set. When you order the service parts, use service parts code mentioned on the parts list in this service manual.

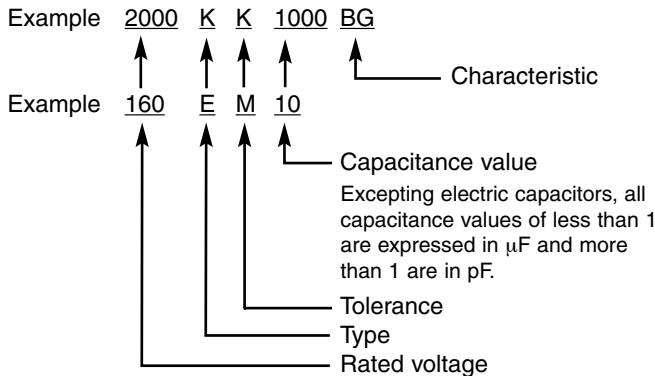
■ Parts description and reading in schematic diagram

- The parts specification of resistors, capacitors and coils are expressed in designated code. Please check the parts description by the following code table.
- Some of transistors and diodes are indicated in mark for the substitution of parts name. Please check the parts name by the following code table.
- Voltages and waveforms were taken with a video color bar signal(1Vp-p at 75 ohms terminated) and controls to normal.
- Voltages were taken with a high-impedance digital voltmeter.



Note: Resistor which is indicated with resistance value only are 1/6W carbon resistor. Resistor which is indicated with material, tolerance and value are 1/4W rated wattage.

Capacitor Reading



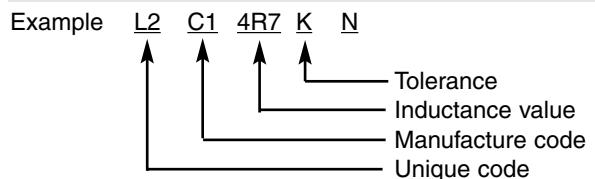
Material table

Mark	Material
E	Electrolytic
P	Electrolytic (non-polarized)
C	Ceramic (temperature compensation)
K	Ceramic
F	Polyester
N	Polypropylene
M	Metalized polypropylene
H	Metalized polypropylar
B	Ceramic (semiconductor)
G	Metalized polyestel
Y	Composite film
S	Styrol
T	Tantalum oxide solid electrolytic
U	Organic semiconductive electrolyte
D	Electric double layer electrolytic

Tolerance table

Mark	Tolerance
A	not specified
B	± 0.1
C	± 0.25
D	± 0.5
F	± 1
G	± 2
E	± 2.5
H	± 3
J	± 5
K	± 0
M	± 20
N	± 30
P	+100 -0
Q	+30 -10
T	+50 -10
U	+75 -10
V	+20 -10
W	+100 -10
X	+40 -20
Y	+150 -10
Z	+80 -20

Coil Reading



Mark	Tolerance (nH)	Mark	Tolerance (%)
C	± 0.25	G	± 2
D	± 0.5	J	± 5
S	± 0.3	K	± 10
A	± 0.2	L	± 15
		M	± 20

Diode/Transistor Type Reading

Diode

Mark	Type number
R	1S2076A, 1S2473, 1N4148
AA	1S2076A, 1S2473, 1SS133, 1N4148

Transistor

(1) NPN type

Mark	Type number			
--	2SC536	2SC945A	2SC1815	2SC1740S
AD	NF, NG	PA, QA	Y, GR	Q, R, S
AE	NF, NG	PA, QA, RA	O, Y, GR	Q, R, S

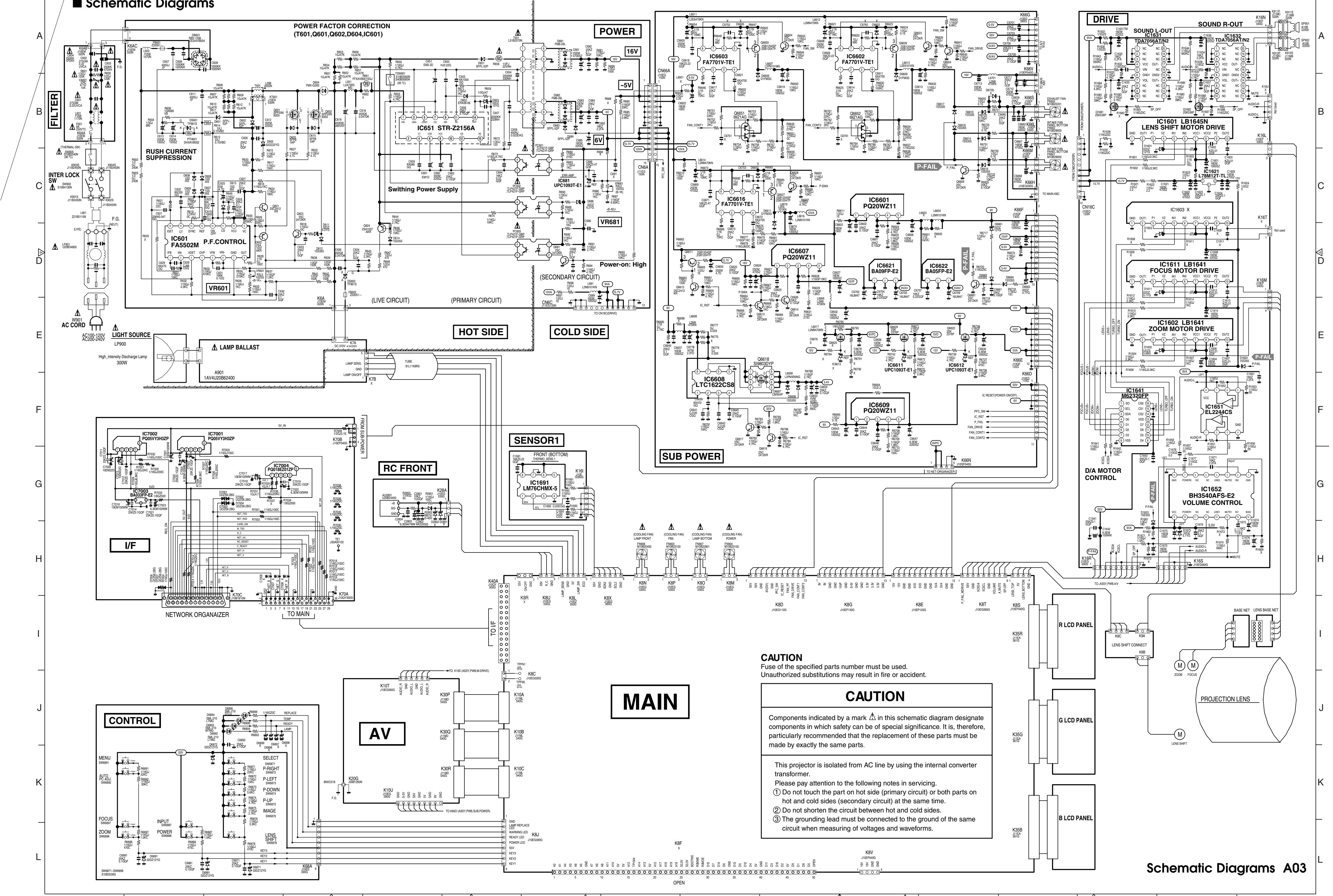
(2) PNP type

Mark	Type number			
--	2SA608	2SA564A	2SA1015	2SA933S
AB	NF	R	Y, GR	R
AC	NF	Q, R	O, Y, GR	Q, R

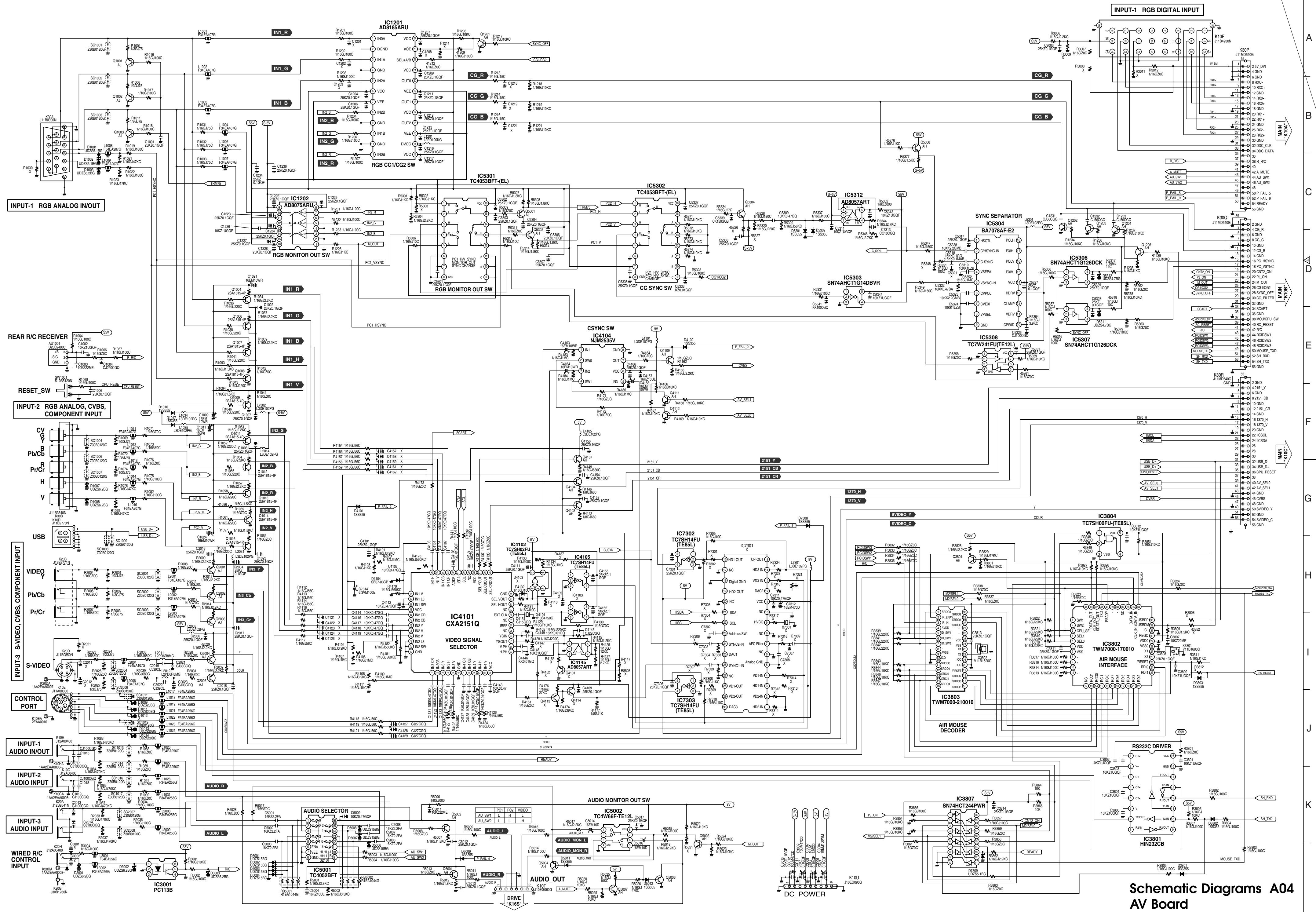
(3) Chip type

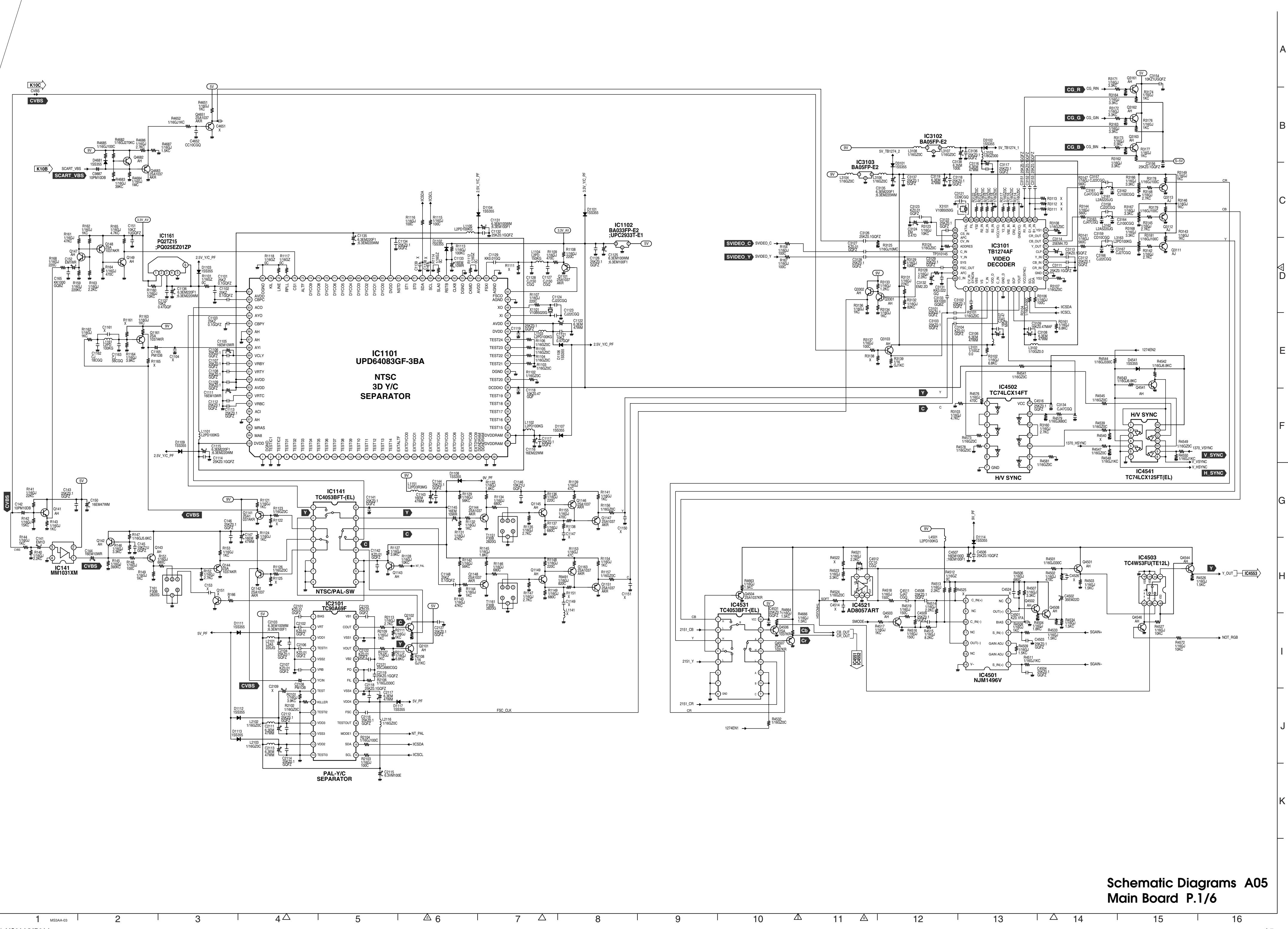
Mark	Type number				
--	2SA1179/N	2SA1037K	2SA1037AK	2SC2812/N	2SC2412K
AJ	M6, M7	R, S	R, S		
AH				L6, L7	R, S

Schematic Diagrams



**Schematic Diagrams A04
AV Board**

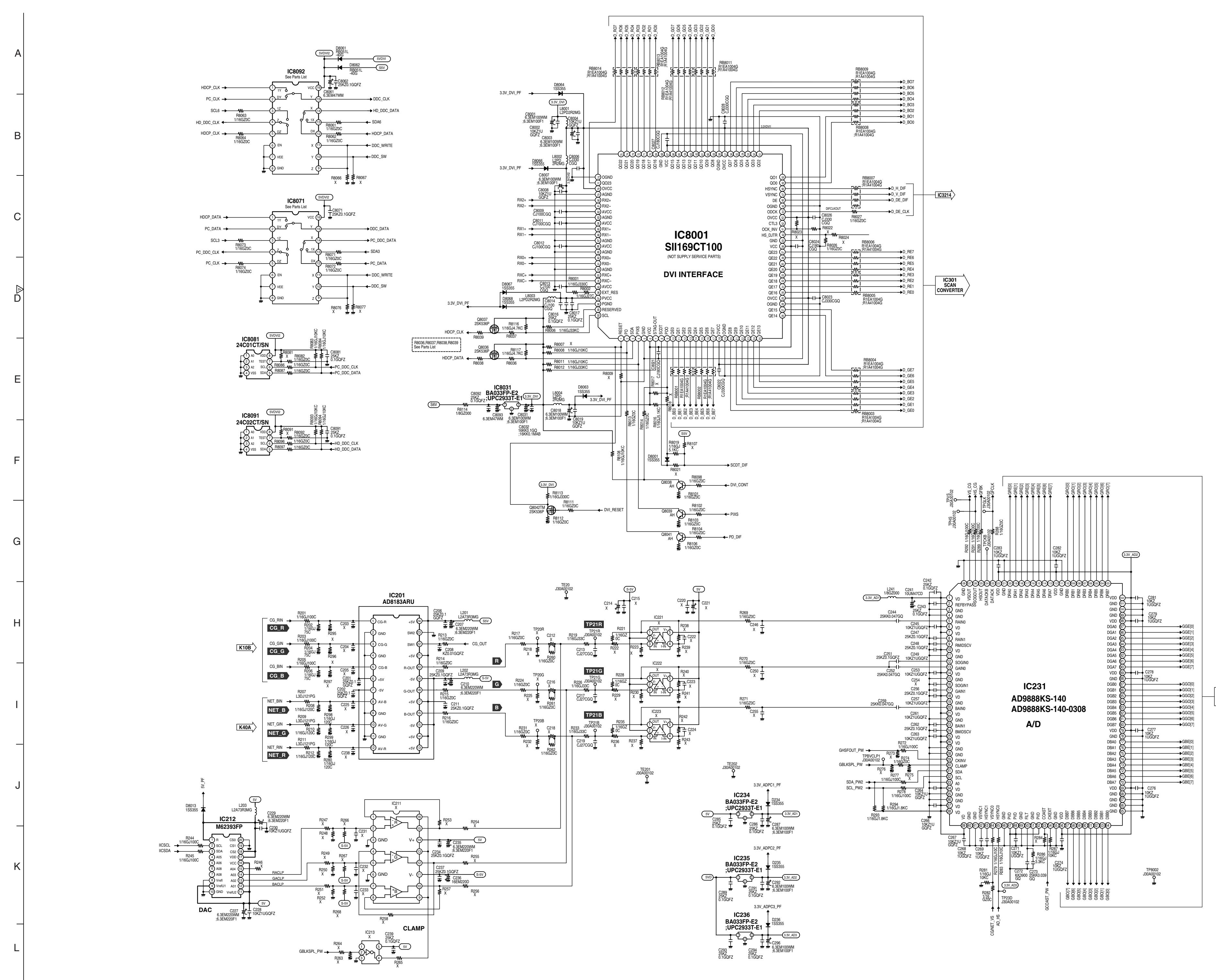




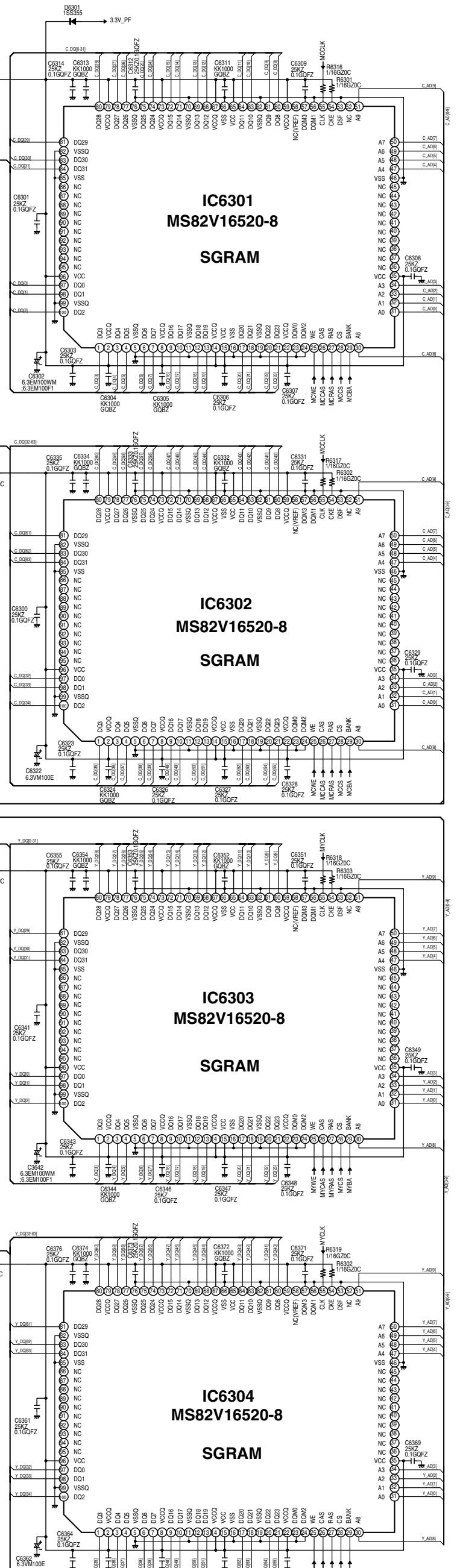
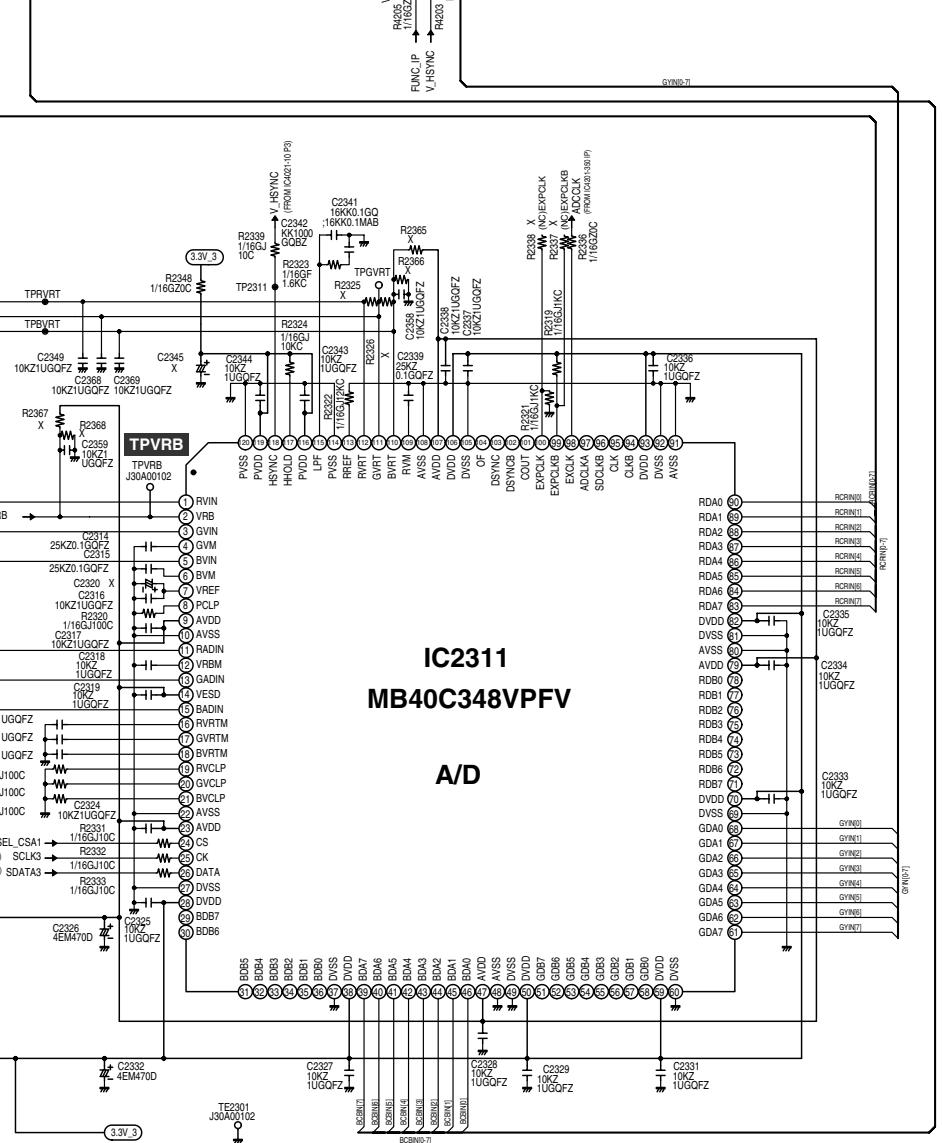
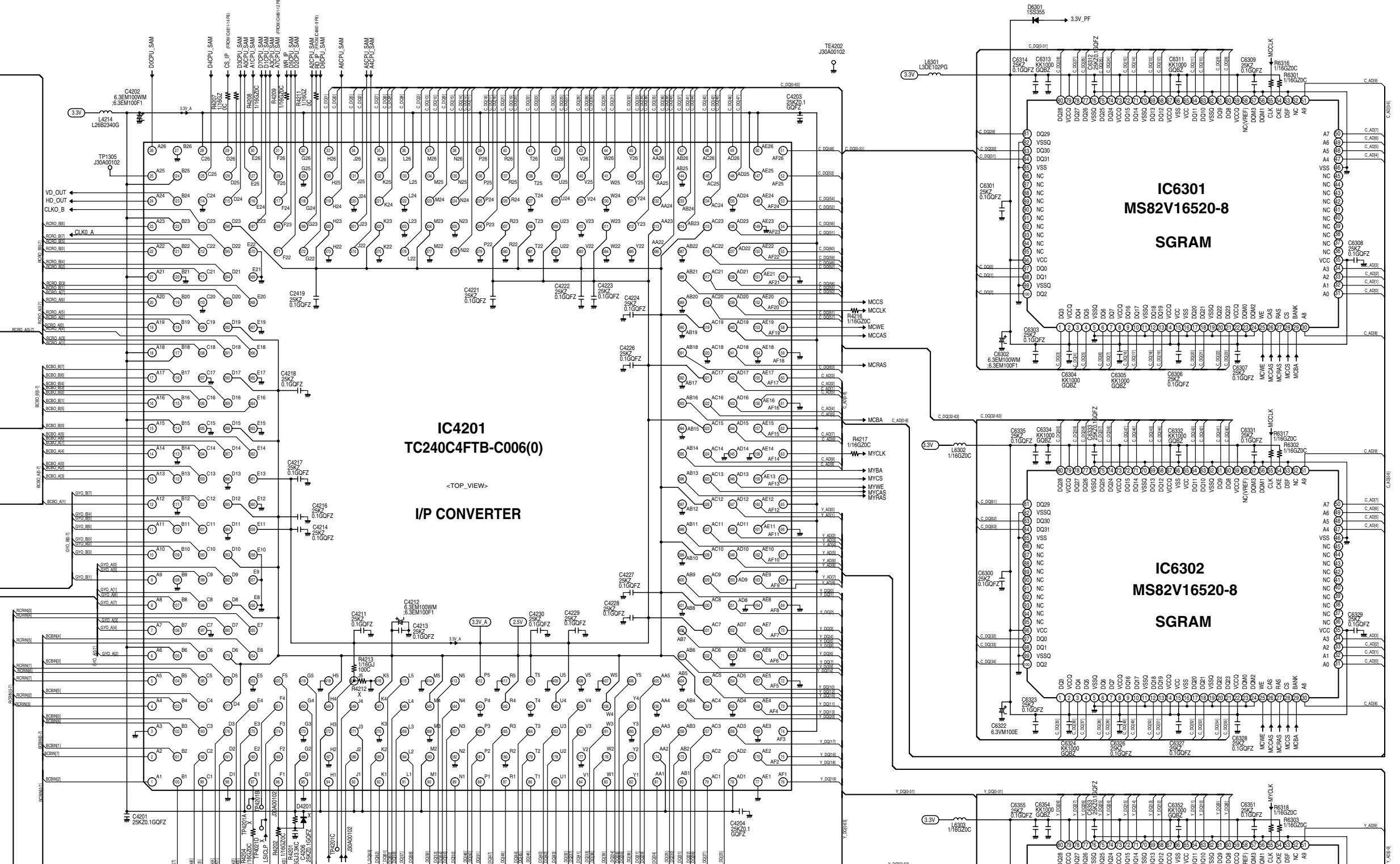
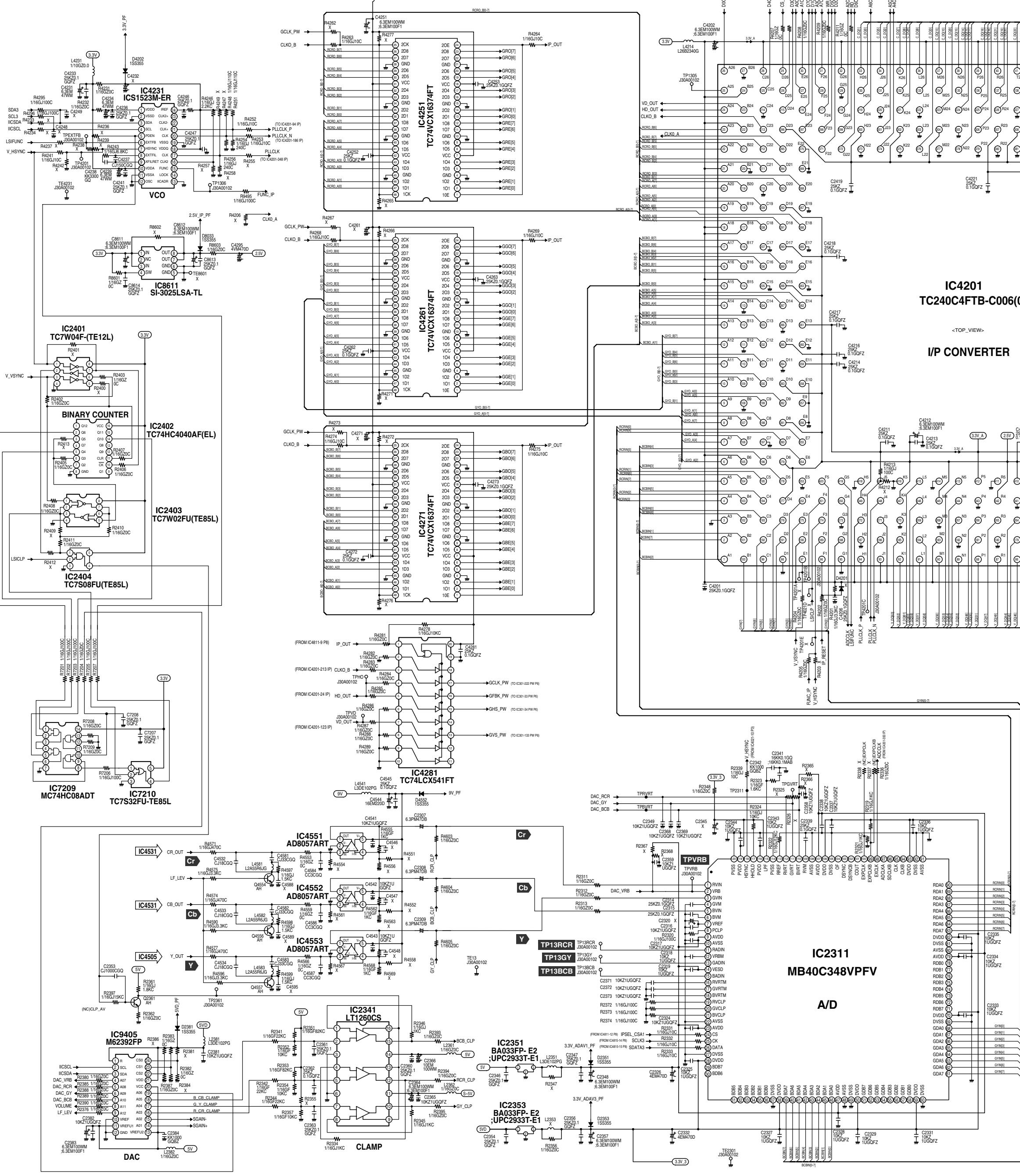
Schematic Diagrams A05

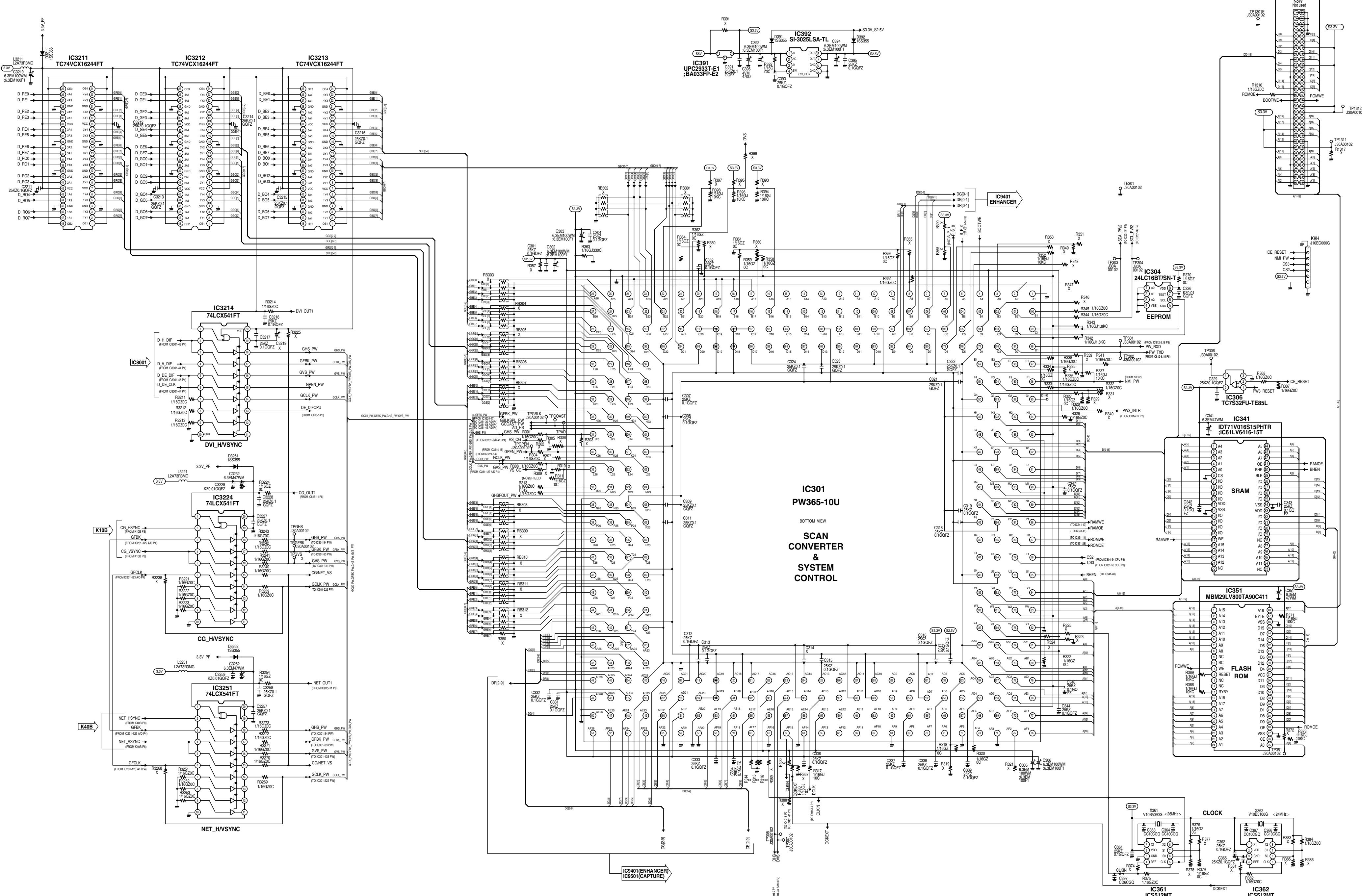
Main Board P.1/6

Schematic Diagrams A06
Main Board P.2/6



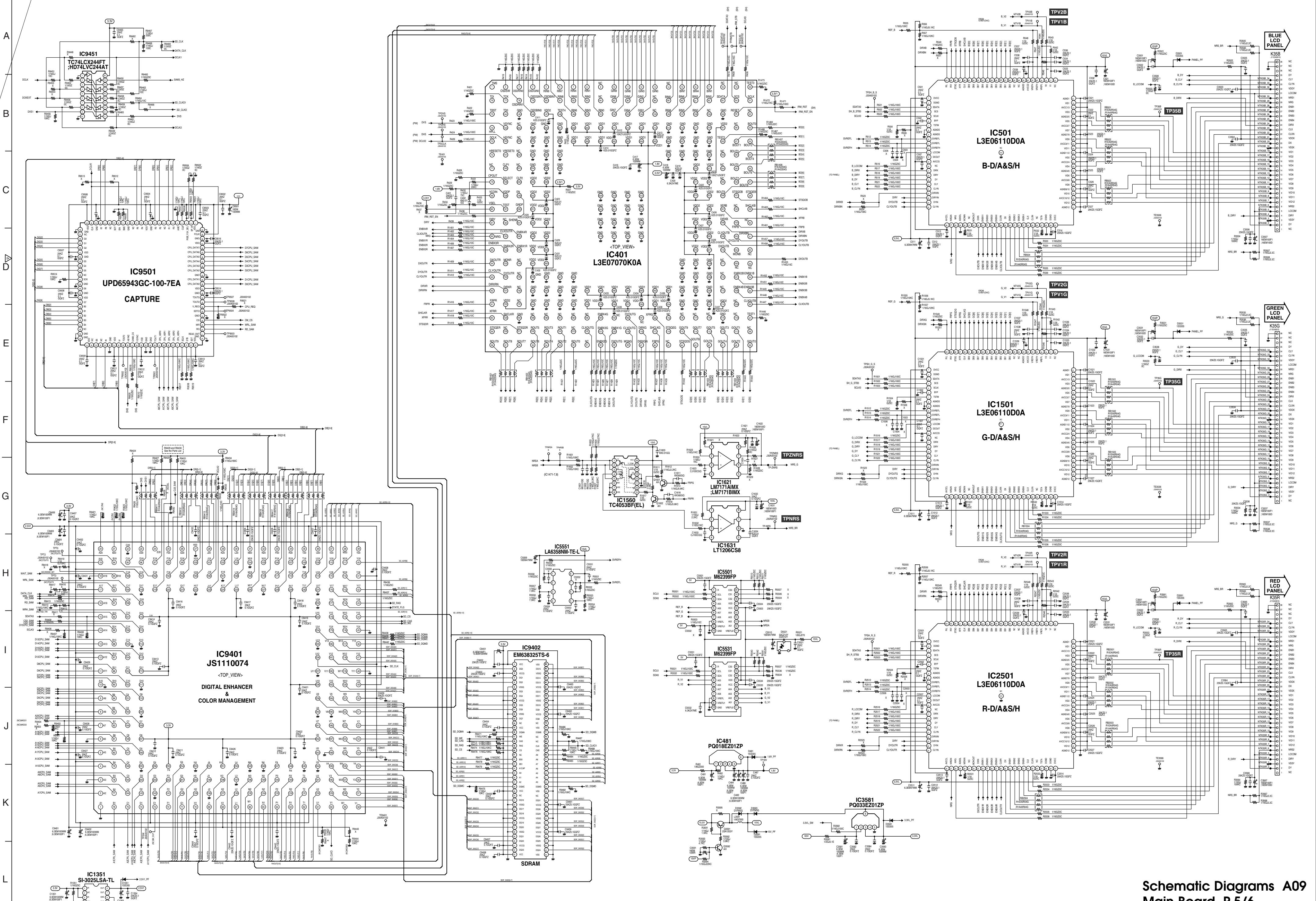
Schematic Diagrams A07
Main Board P.3/6



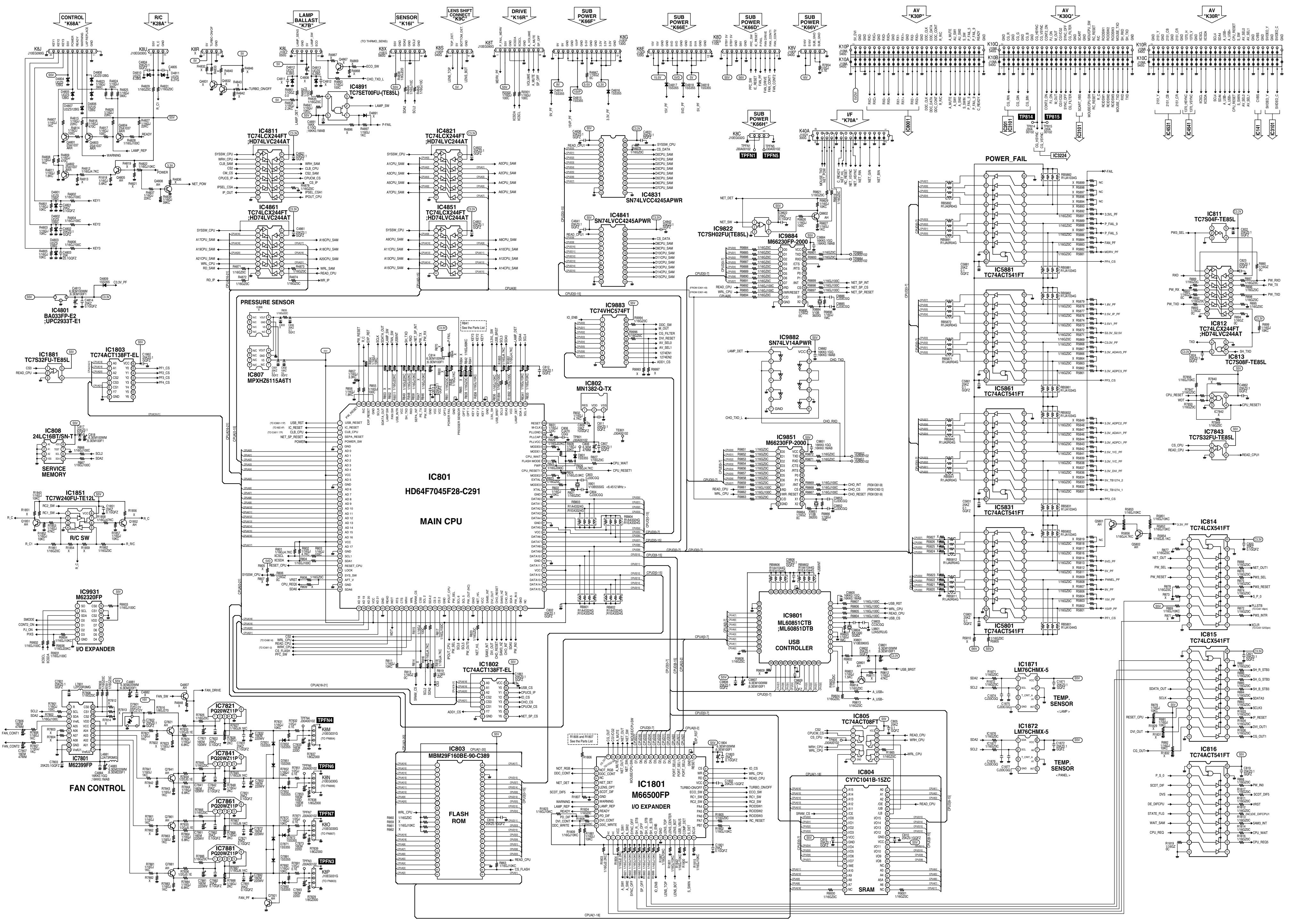


Schematic Diagrams A08
Main Board P.4/6

Schematic Diagrams A09
Main Board P.5/6

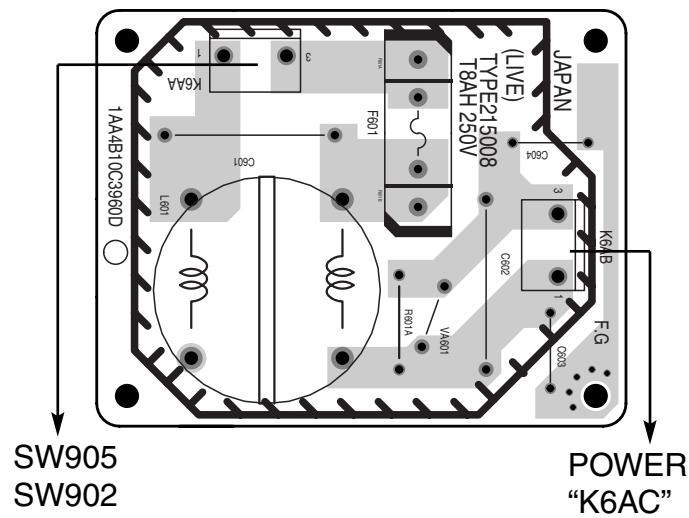


Schematic Diagrams A10
Main Board P.6/6

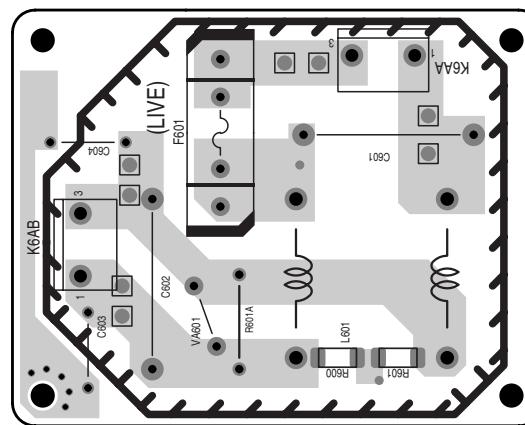


■ Printed Wiring Board Diagrams

FILTER (SIDE:A)



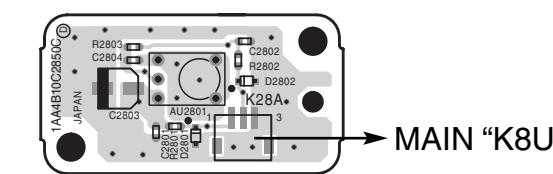
FILTER (SIDE:B)



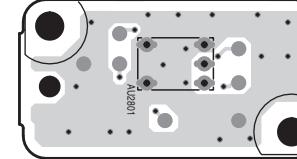
CAUTION

This projector is isolated from AC line by using the internal converter transformer.
Please pay attention to the following notes in servicing
1. Do not touch the part on hot side (primary circuit) or both parts on hot and cold sides (secondary circuit) at the same time.
2. Do not shorten the circuit between hot and cold sides.
3. The grounding lead must be connected to the ground of the same circuit when measuring of voltages and waveforms.

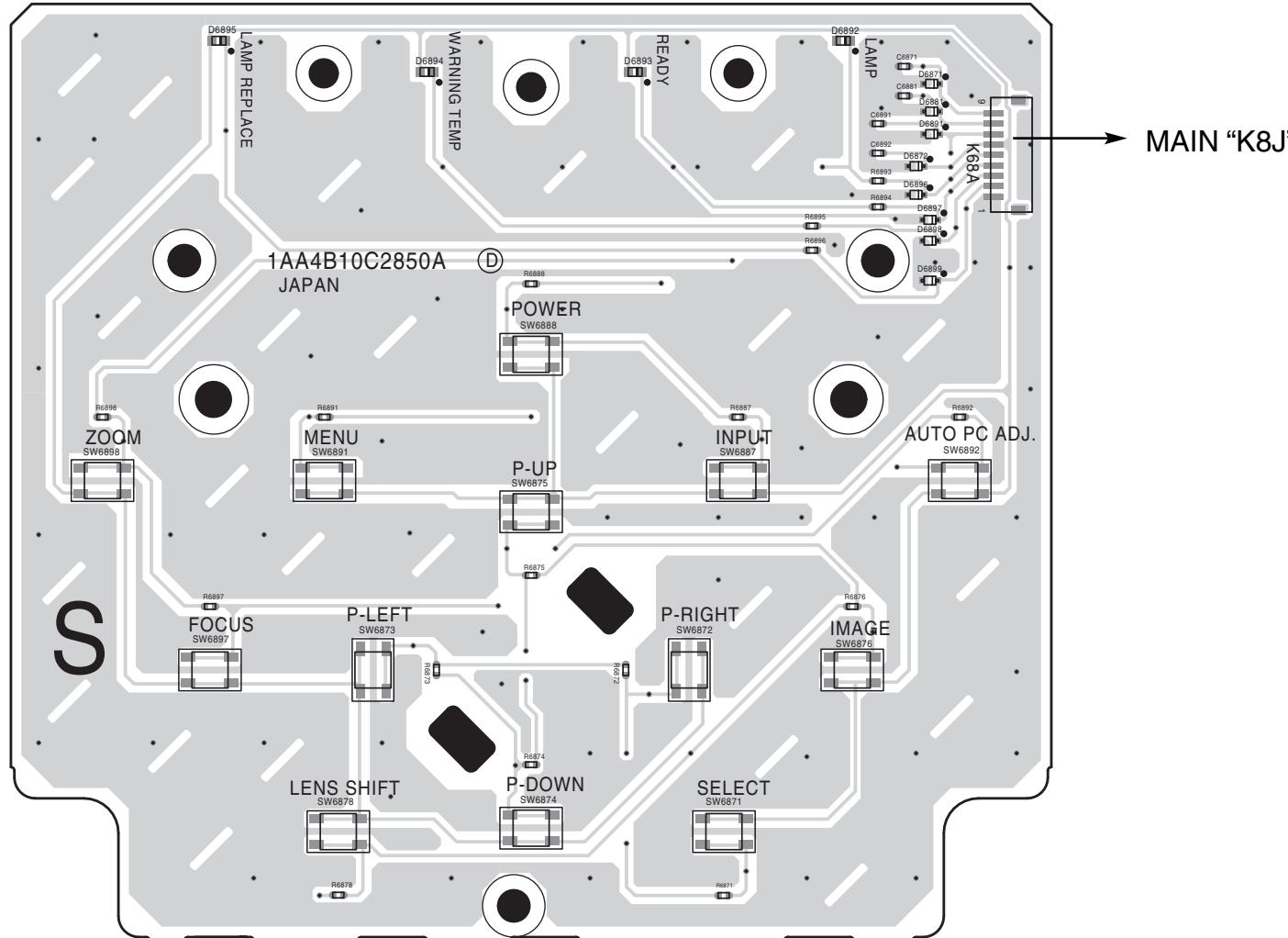
RC FRONT (SIDE:A)



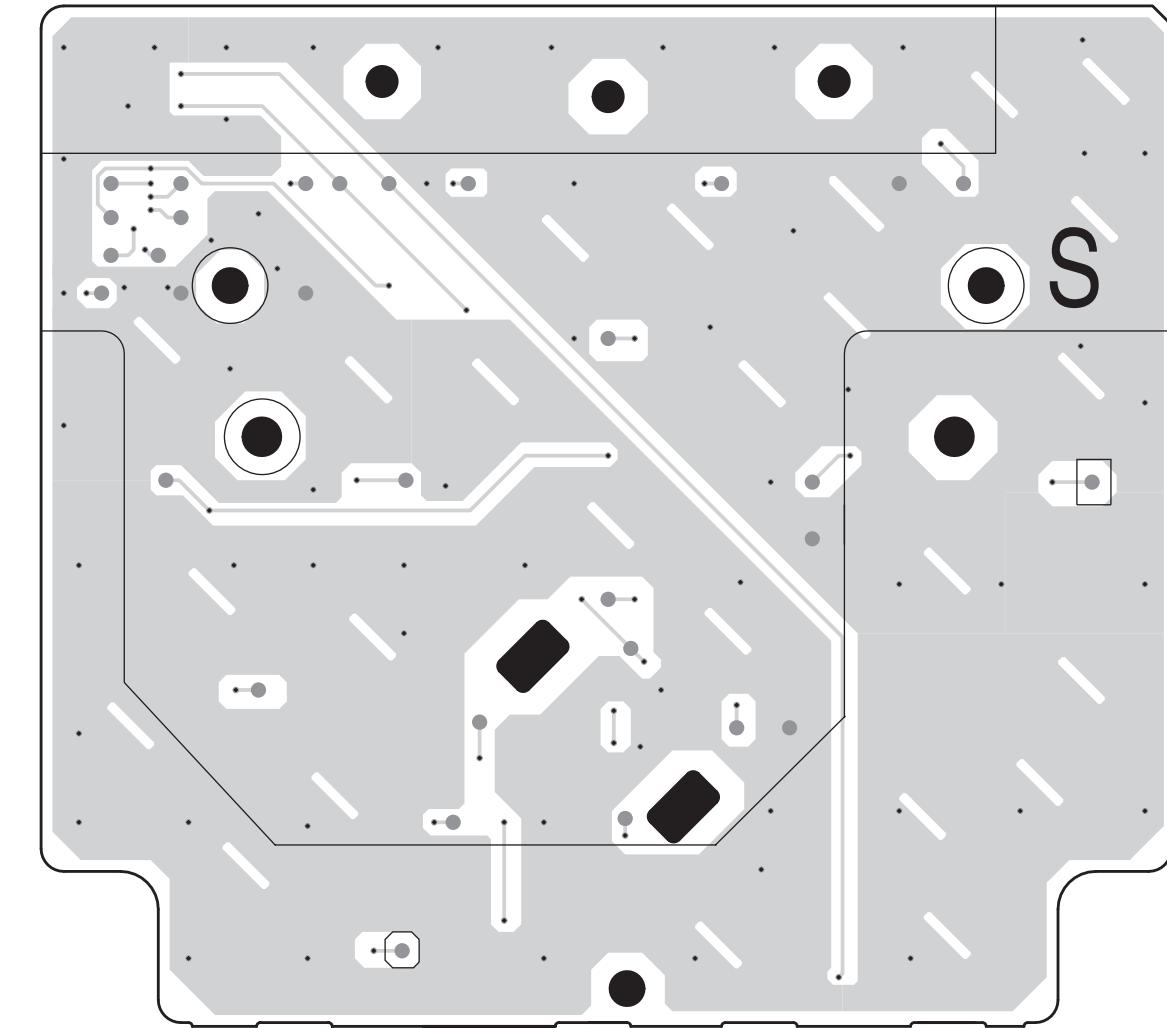
RC FRONT (SIDE:B)



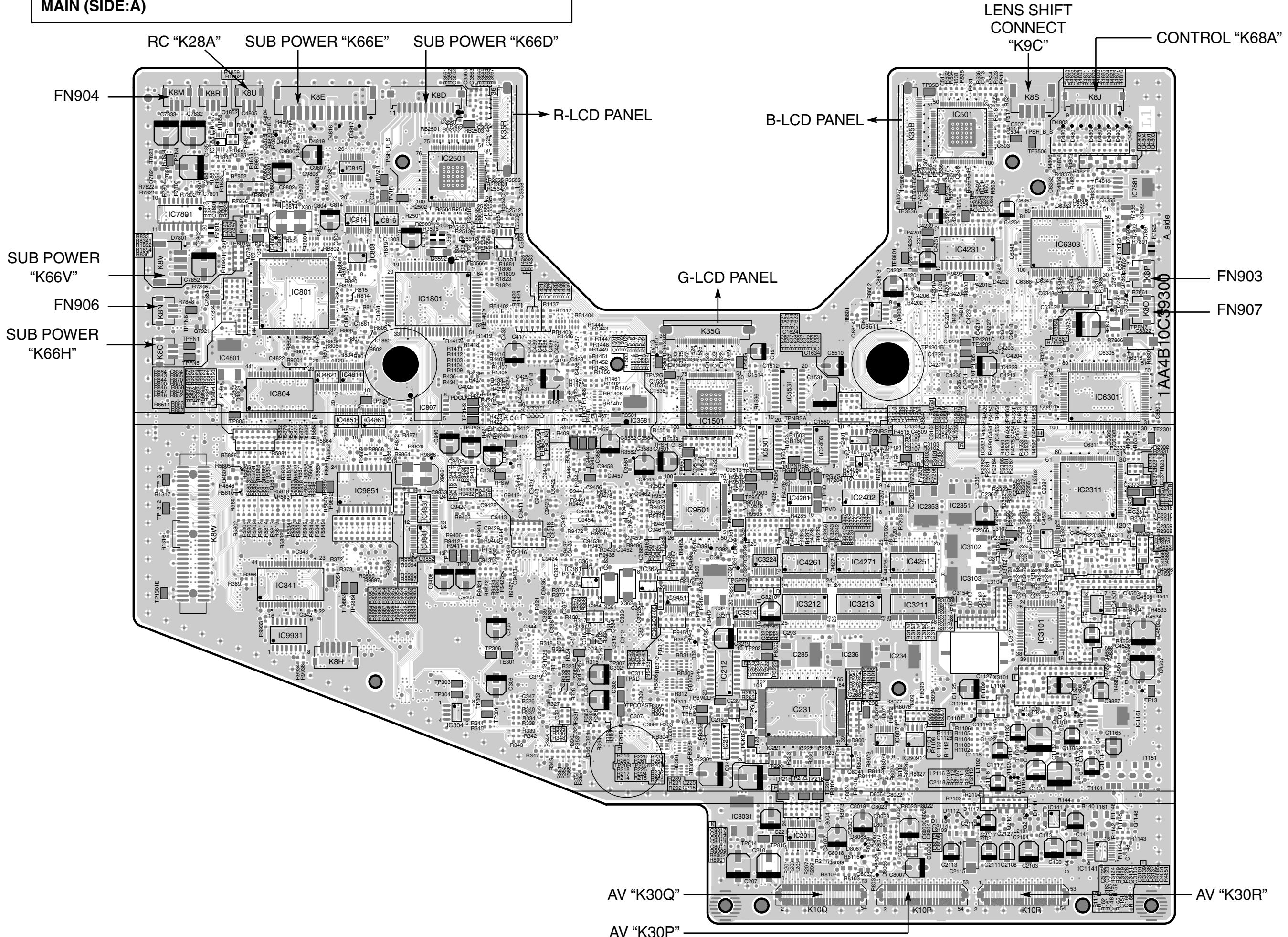
CONTROL (SIDE:A)



CONTROL (SIDE:B)



MAIN (SIDE:A)



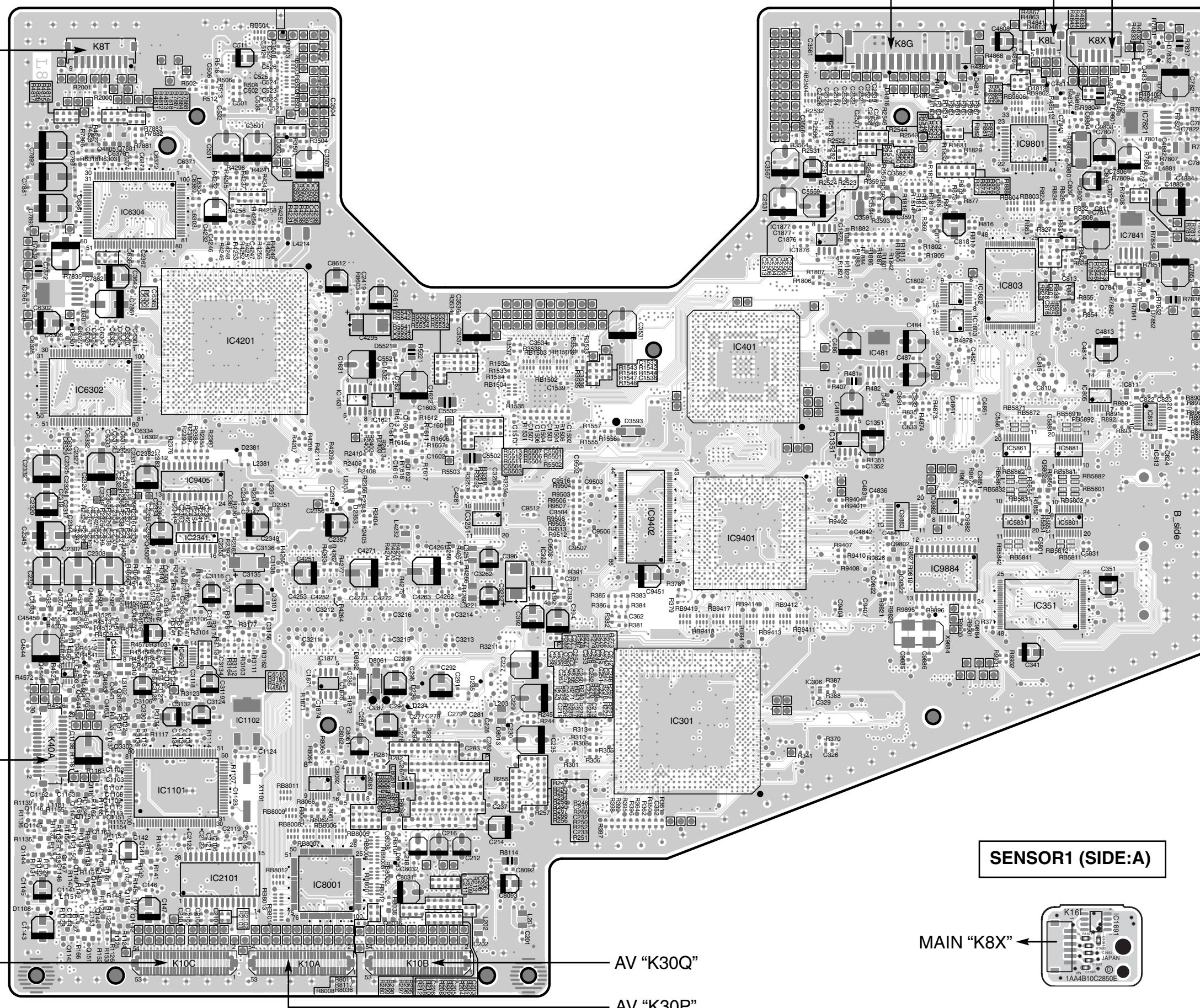
MAIN (SIDE:B)

**LAMP BALLAST
"K7B"**

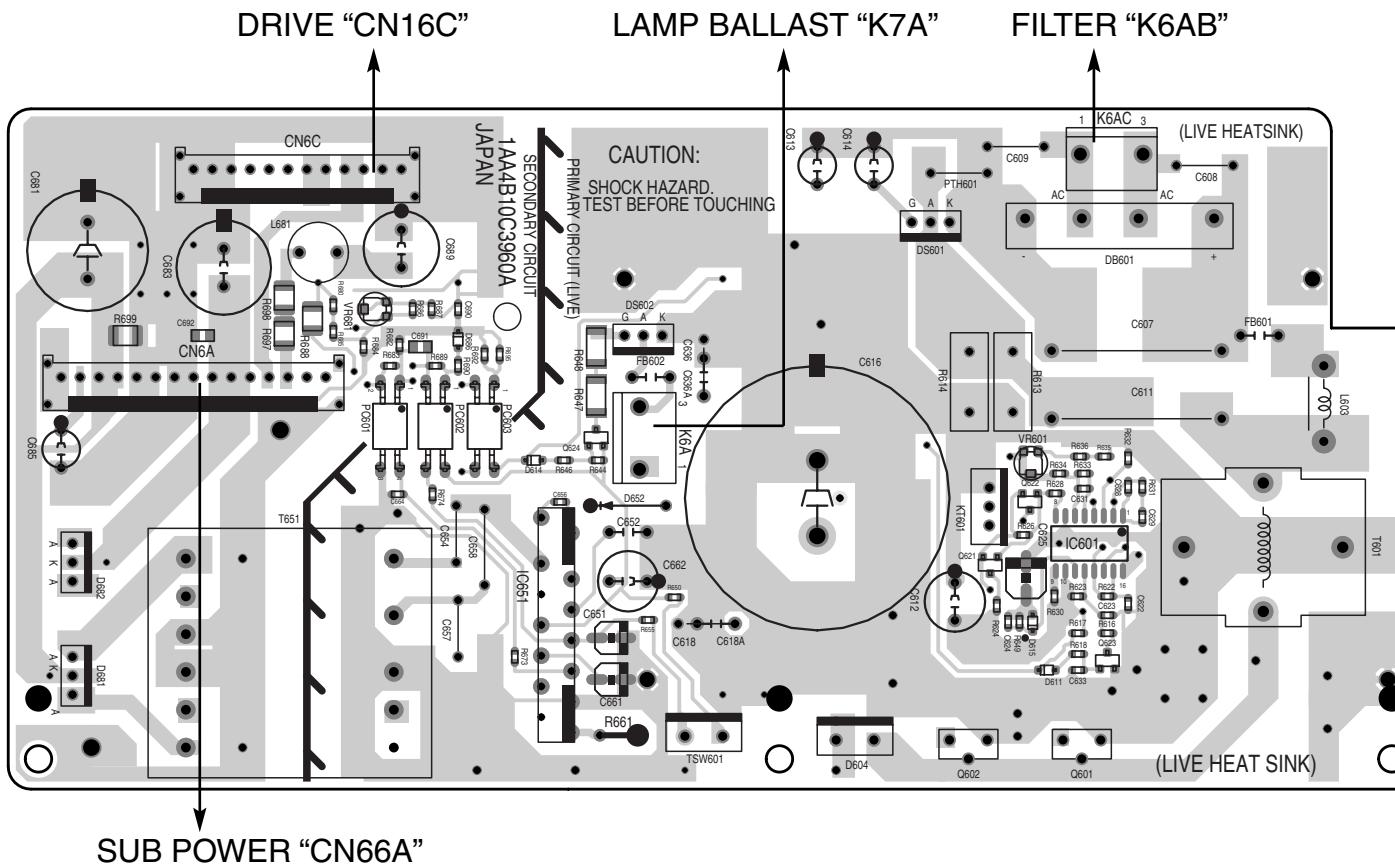
SUB POWER "K66F"

SENSOR1 "K16I"

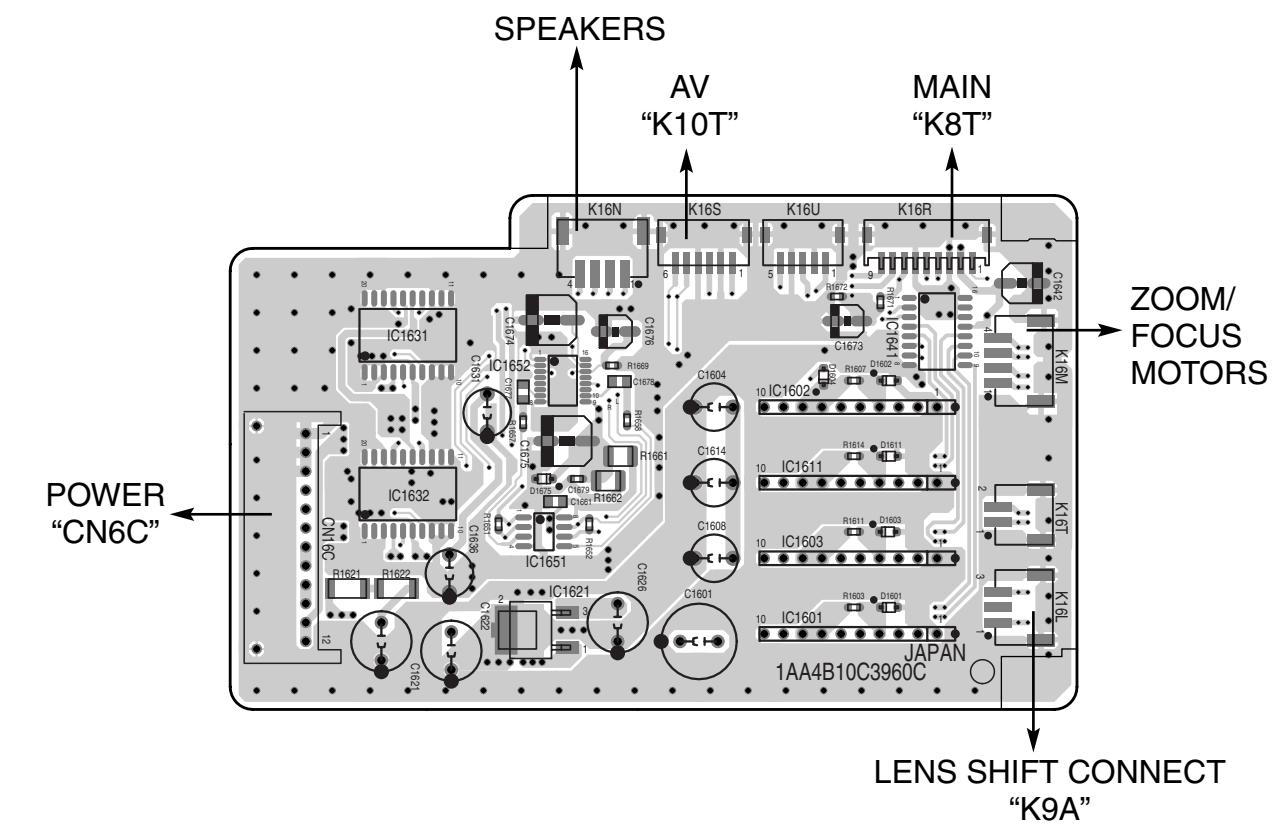
DRIVE "K16R"



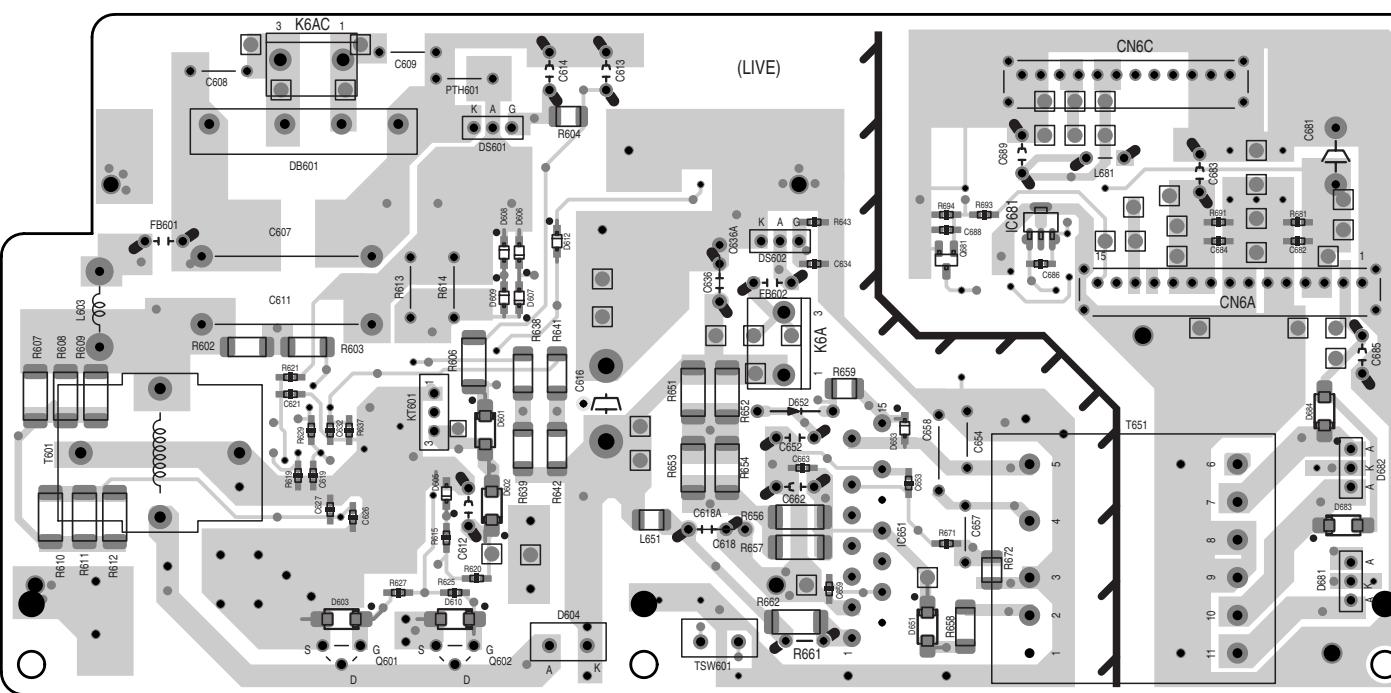
POWER (SIDE:A)



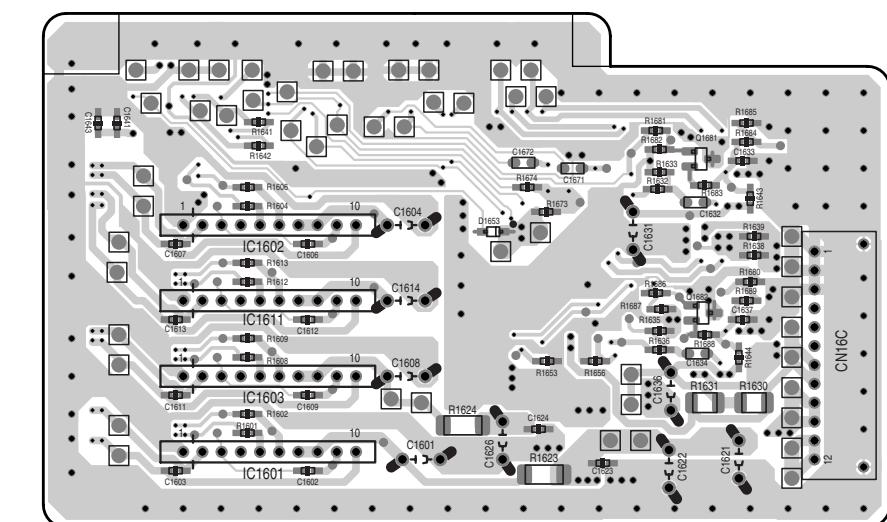
DRIVE (SIDE:A)



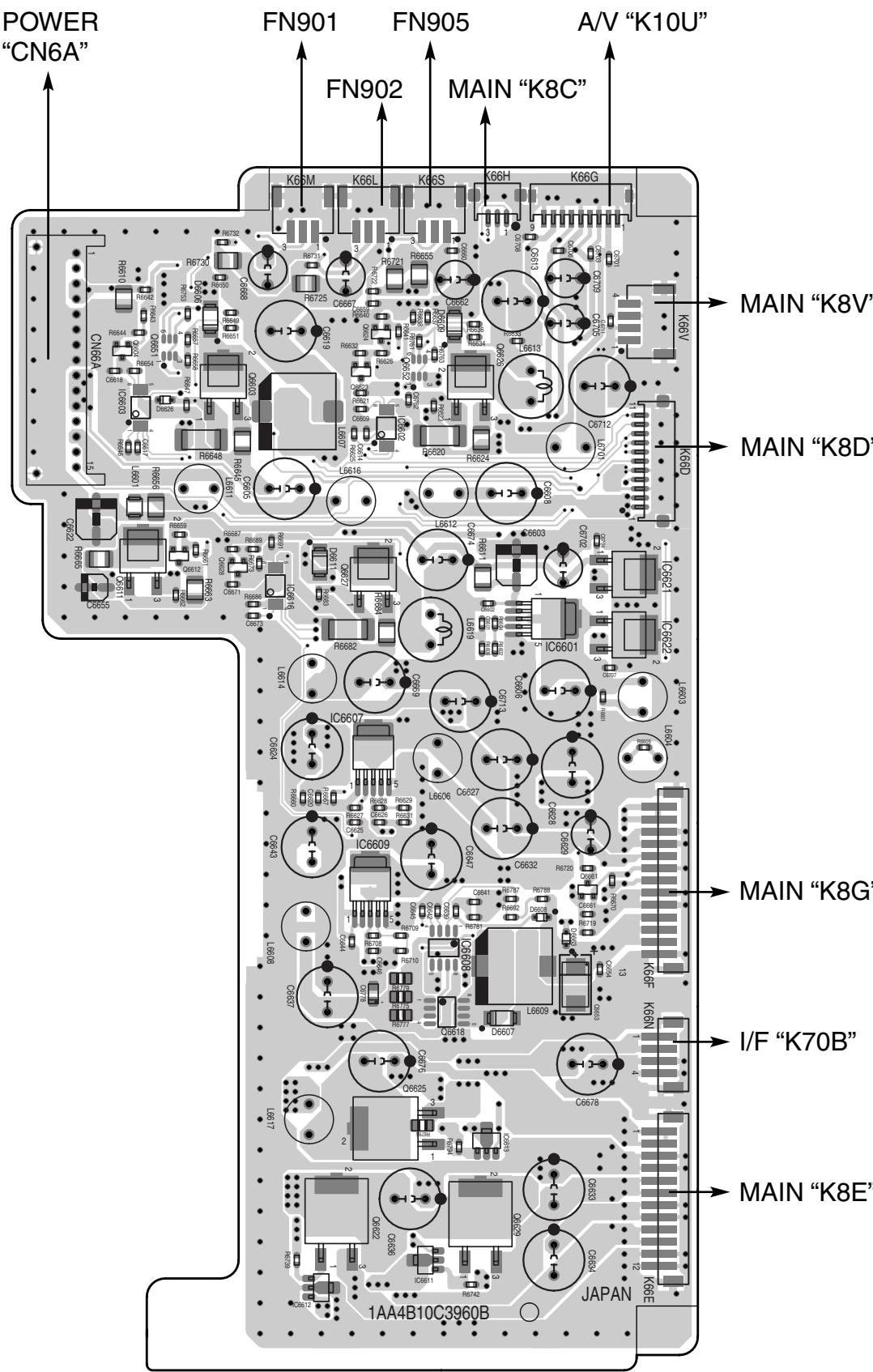
POWER (SIDE:B)



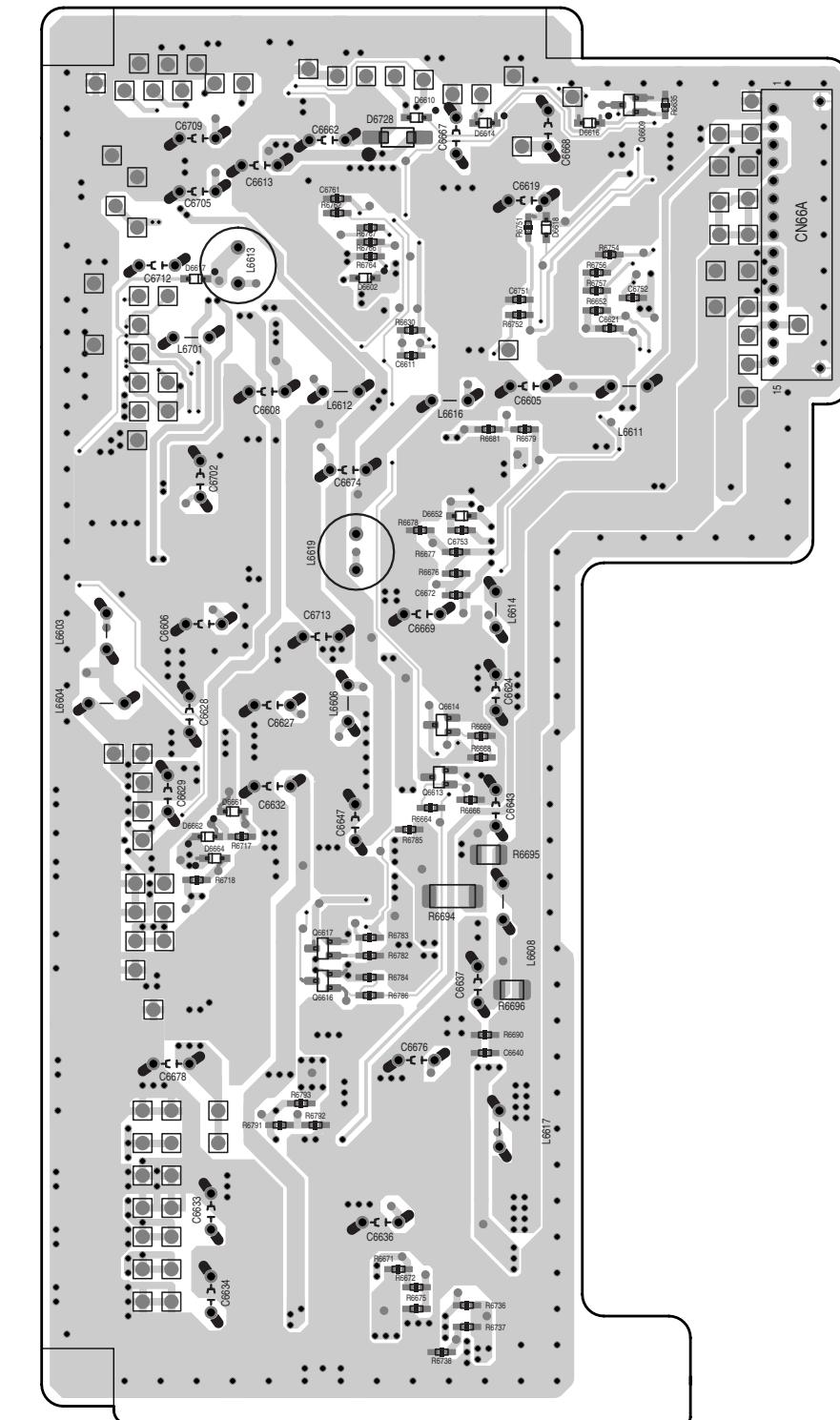
DRIVE (SIDE:B)



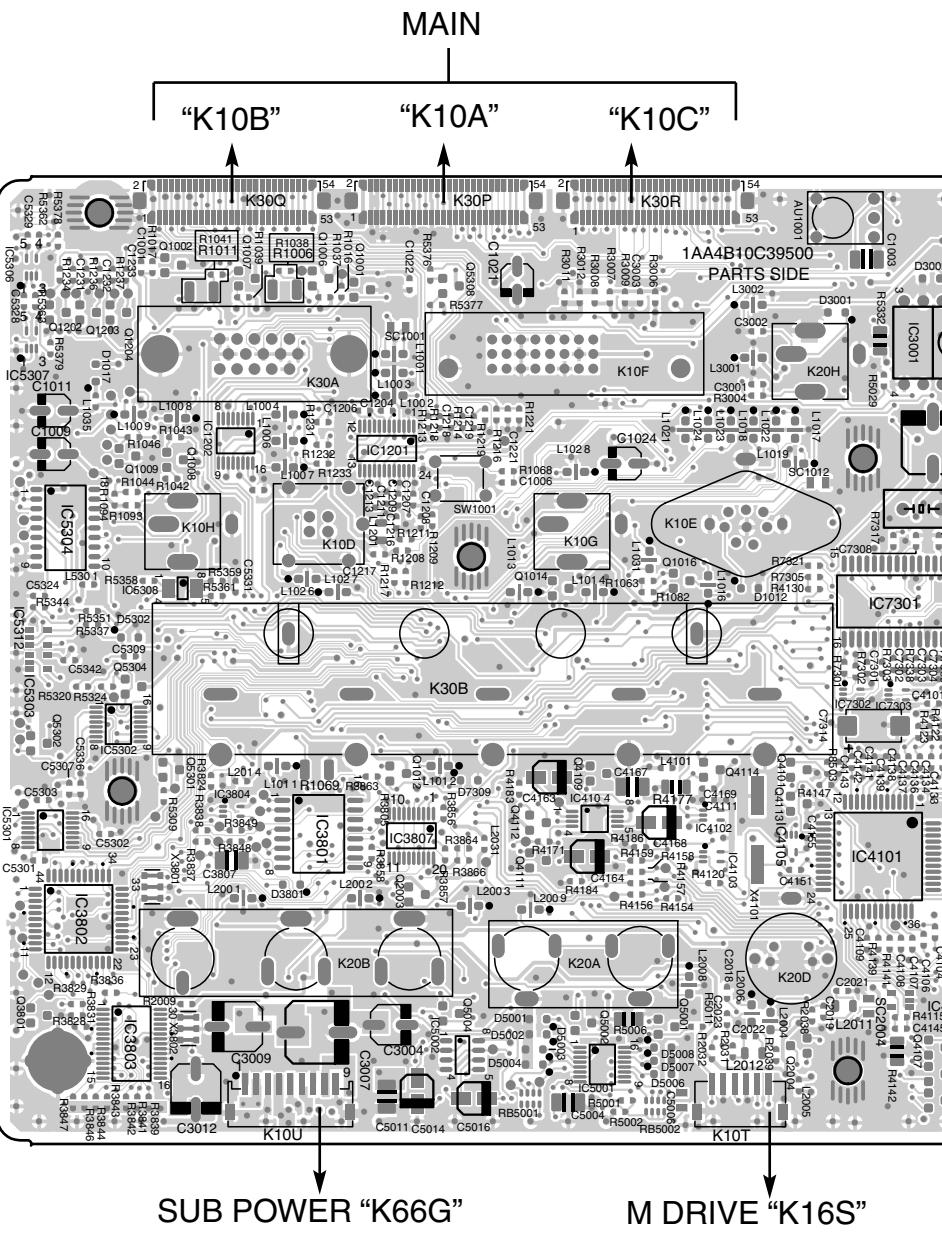
SUB POWER (SIDE:A)



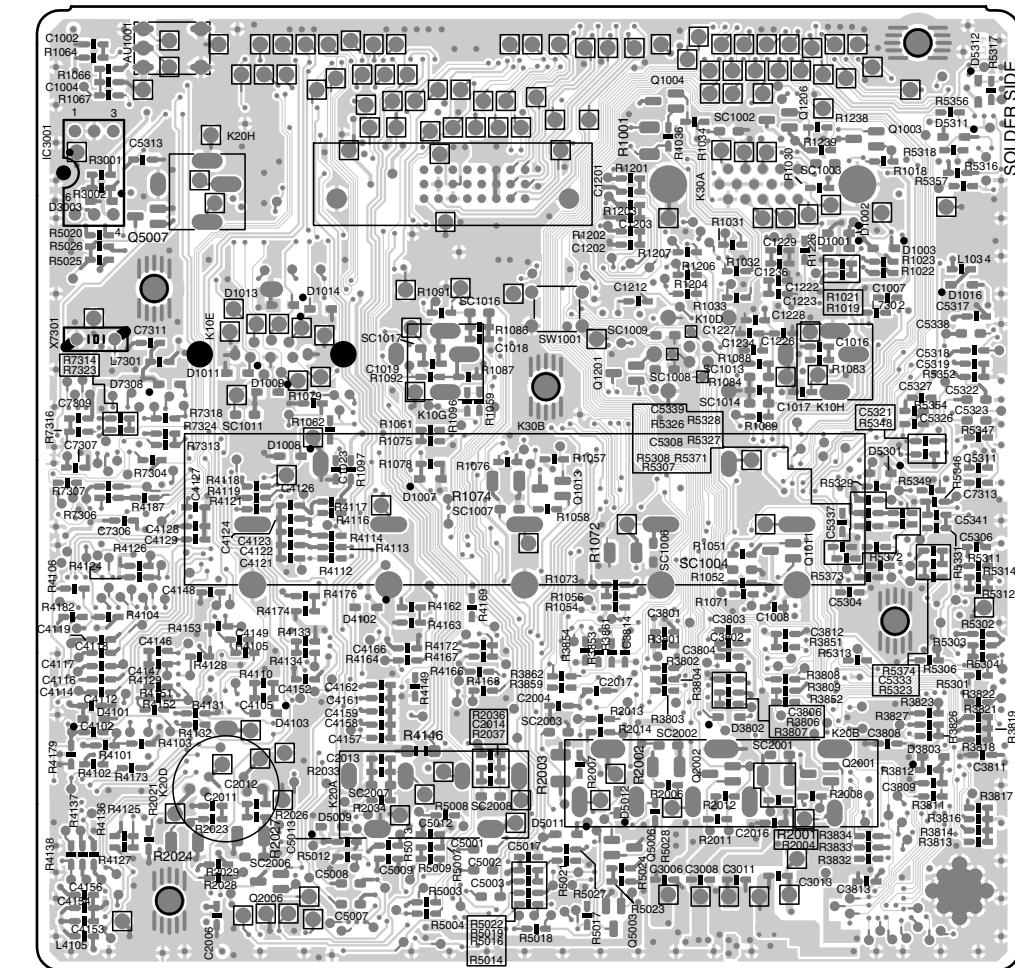
SUB POWER (SIDE:B)



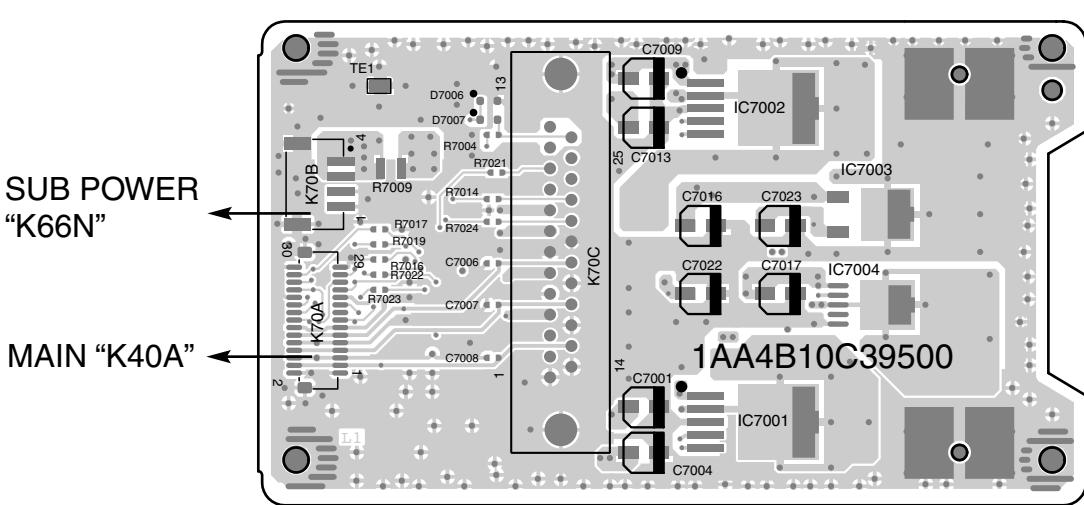
AV (SIDE:A)



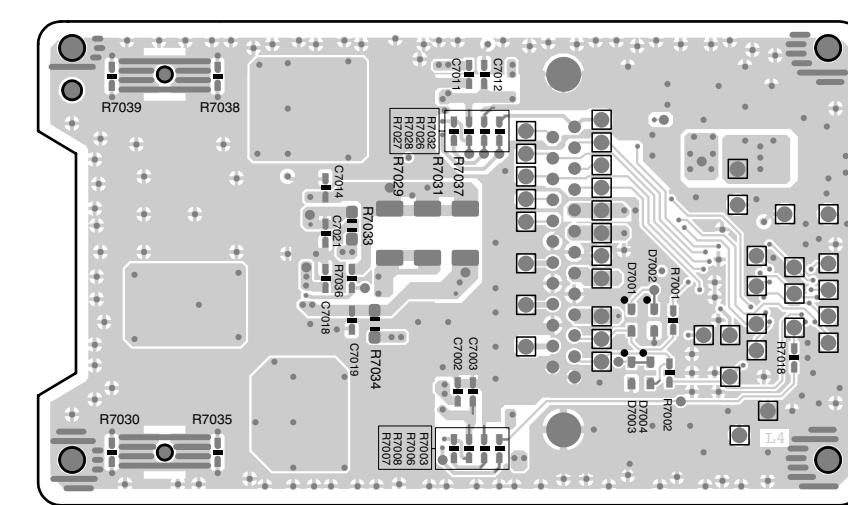
AV (SIDE:B)



I/F (SIDE:A)



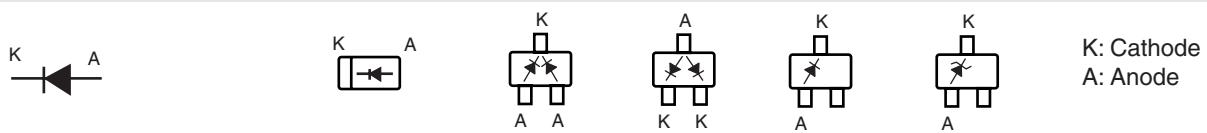
I/F (SIDE:B)



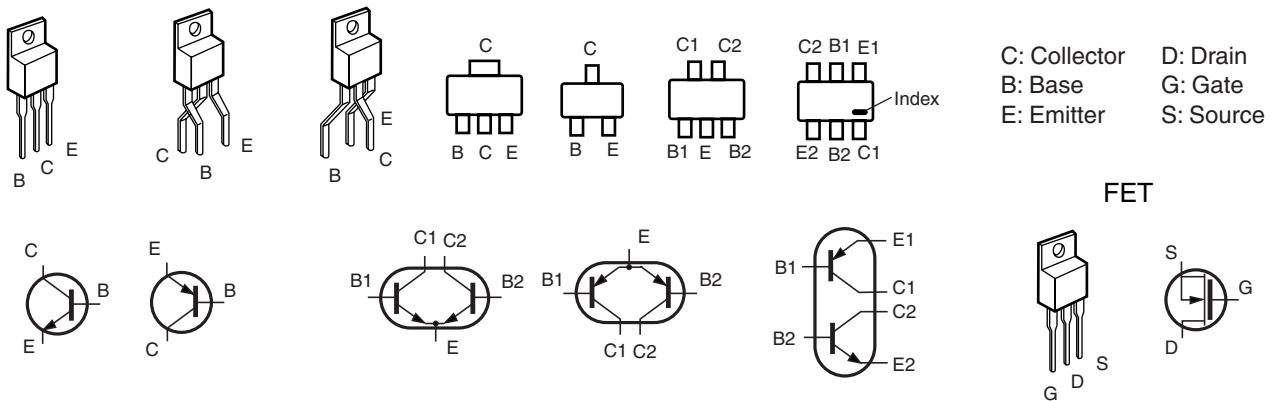
■ Pin description of diode, transistor and IC

MS3-XP5000, MS3-XP50L00

● Diode



● Transistor/FET



● IC

