



SERVICE MANUAL

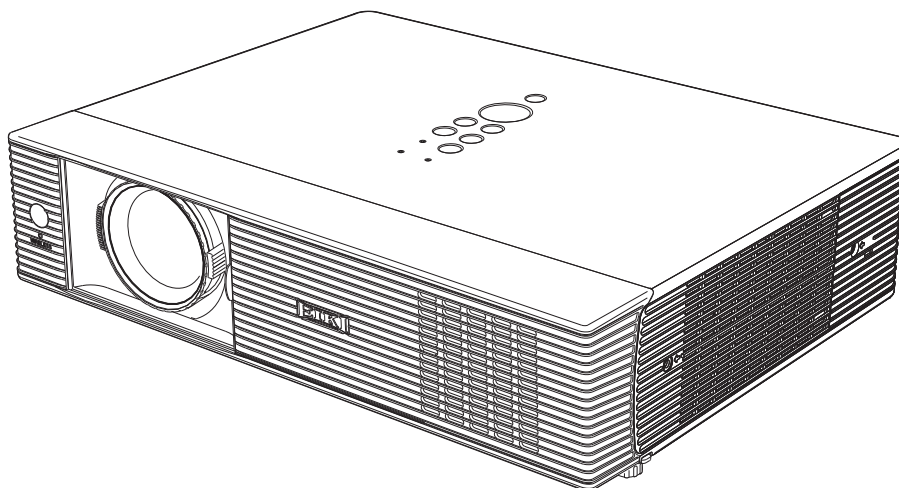
Multimedia Projector

Model No. LC-XB42N

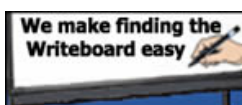
U.S.A, Canada,
Europe, Hong Kong

Original Version

Chassis No. KF3-XB42N00



Give complete "Chassis No." for parts order or servicing, it is shown on the rating sheet on the cabinet on the projector.



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FOREWORD

For your convenience, all service parts, identified in this manual are available through Eiki's normal distribution channels. In addition to service part number, the generic descriptions have been given, where possible, to allow your service technicians to substitute equivalent components which might be available from other sources.

All orders for service parts will be honored. However, in instances where generic components are considered to be available from several common sources, as would be the case with an industry standard fuse, resistor, or semiconductor, it may be more economical and expeditious to purchase the part locally.

PRODUCT CODE

1 122 386 01 (KF3BC)
1 122 387 01 (LF3BC)
1 122 387 06 (LF3GC)

REFERENCE NO. SM5110957-00

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Safety Instructions

Safety Precautions

WARNING:

The chassis of this projector is isolated (COLD) from AC line by using the converter transformer. Primary side of the converter and lamp power supply unit circuit is connected to the AC line and it is hot, which hot circuit is identified with the line () in the schematic diagram. For continued product safety and protection of personnel injury, servicing should be made with qualified personnel.

The following precautions must be observed.

1: An isolation transformer should be connected in the power line between the projector and the AC line before any service is performed on the projector.

2: Comply with all caution and safety-related notes provided on the cabinet back, cabinet bottom, inside the cabinet or on the chassis.

3: When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as, control knobs, adjustment covers or shields, barriers, etc.

DO NOT OPERATE THIS PROJECTOR WITHOUT THE PROTECTIVE SHIELD IN POSITION AND PROPERLY SECURED.

4: Before replacing the cabinet cover, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any projector to the customer, the service personnel must be sure it is completely safe to operate without danger of electric shock.

Product Safety Notice

Product safety should be considered when a component replacement is made in any area of the projector. Components indicated by mark  in the parts list and the schematic diagram designate components in which safety can be of special significance. It is, therefore, particularly recommended that the replacement of these parts must be made by exactly the same parts.

Service Personnel Warning

Eye damage may result from directly viewing the light produced by the Lamp used in this equipment. Always turn off Lamp before opening cover. The Ultraviolet radiation eye protection required during this servicing.

Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages (15kV - 25kV) at its starts.

Since the lamp is very high temperature during units operation replacement of the lamp should be done at least 45 minutes after the power has been turned off, to allow the lamp cool-off.

DO NOT ATTEMPT TO SERVICING THE REMOTE CONTROL UNIT.

Laser Beam may be leaked out when in disassemble the Unit. As the Laser Beam used in this Remote control unit is harmful to the eyes.

If the Remote Control unit is failed, please replace it with a new one.



Specifications

Mechanical Information

Projector Type	Multi-media Projector
Dimensions (W x H x D)	334 mm x 78 mm x 262 mm (Not including adjustable feet)
Net Weight	3.7 kg
Feet Adjustment	0° to 8.9°

Panel Resolution

LCD Panel System	0.8" TFT Active Matrix type, 3 panels
Panel Resolution	1,024 x 768 dots
Number of Pixels	2,359,296 (1,024 x 768 x 3 panels)

Signal Compatibility

Color System	PAL, SECAM, NTSC, NTSC4.43, PAL-M, and PAL-N
High Definition TV Signal	480i, 480p, 575i, 575p, 720p, 1035i, and 1080i
Scanning Frequency	H-sync. 15 kHz–100 kHz, V-sync. 50–100 Hz

Optical Information

Projection Image Size (Diagonal)	Adjustable from 40" to 300"
Throw Distance	3.1' (0.93m) - 37.6' (11.47m)
Projection Lens	F1.7–2.5 lens with f=19.2 mm–30.2 mm with manual zoom and focus
Projection Lamp	275 W

Interface

Video Input Jack	RCA Type x 1
S-video Input Jack	Mini DIN 4 pin x 1
Audio Input Jacks	RCA Type x 2
Computer Input 1/DVI-I Input Terminal	DVI-I Terminal X 1
Computer Input 2/Component Input Terminal	Mini D-sub 15 pin X 1
Monitor Output Terminal	Mini D-sub 15 pin x 1
Computer/Component Audio Input Jack	Mini Jack (stereo) x 1
Service Port Connector	Mini DIN 8 pin x 1
USB Connector	USB Series B connector x 1
Audio Output Jack	Mini Jack (stereo) x 1 (variable)
LAN Connection Terminal	100 Base-TX (100Mbps)/10 Base-T (10Mbps), RJ45
SD Card Slot	

Audio

Internal Audio Amp	1.0 W RMS
Built-in Speaker	1 speaker, ø28 mm

Power

Voltage and Power Consumption	AC 100–120 V (4.0A Max. Ampere), 50/60 Hz (The U.S.A and Canada) AC 200–240 V (2.0A Max. Ampere), 50/60 Hz (Continental Europe and The U.K.)
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Operating Environment

Operating Temperature	41°F–95°F (5 °C–35 °C)
Storage Temperature	14°F–140°F (-10°C–60 °C)

Remote Control

Battery	AAA or LR03 Type x 2
Operating Range	5 m/±30°
Dimensions	45 mm (W) x 23 mm (H) x 145 mm (D)
Net Weight	99 g (including batteries)
Laser Pointer	Class II Laser (Max. Output: 1 mW/Wave length: 640–660 nm)

- The specifications are subject to change without notice.
- LCD panels are manufactured to the highest possible standards. Even though 99.99% of the pixels are effective, a tiny fraction of the pixels (0.01% or less) may be ineffective by the characteristics of the LCD panels.



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.

Circuit Protections

This projector provides the following circuit protections to operate in safety. If the abnormality occurs inside the projector, it will automatically turn off by operating one of the following protection circuits.

Thermal switch

There is the thermal switch (SW902) inside of the projector to detect the internal temperature rising abnormally. When the internal temperature reaches near 100°C, the thermal switch opens to stop the operation of the power supply circuit.

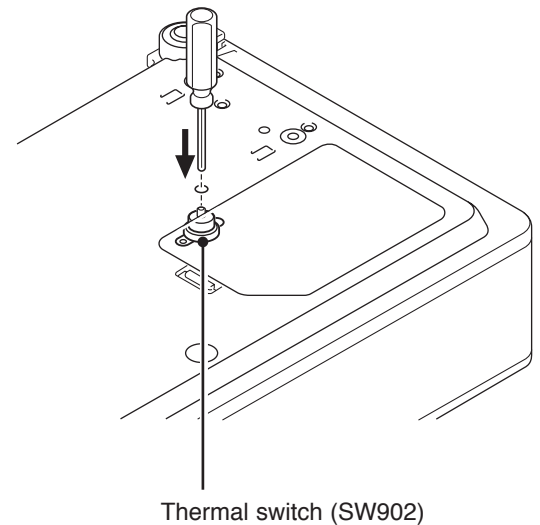
The thermal switch cannot be reset itself automatically even if the internal temperature becomes normal. Reset the thermal switch following to the below procedure.

How to reset the thermal switch

1. Insert the sharp tool like a screwdriver into a hole on the cabinet from the cabinet bottom.
2. Press the reset button on the thermal switch with the screwdriver.

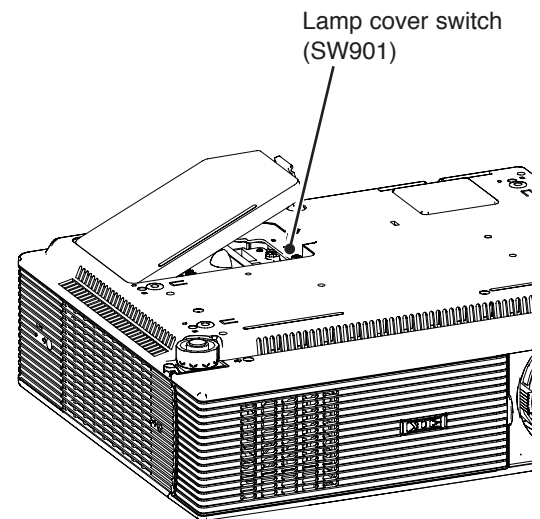
CAUTION:

Before press the reset button, make sure that the AC cord must be disconnected from the AC outlet.



Lamp cover switch

The lamp cover switch (SW901) cuts off the drive signal to the lamp circuit when the lamp cover is removed or not closed completely. After opening the lamp cover for replacing the lamp ass'y, place the lamp cover correctly otherwise the projector can not turn on.



Fuse

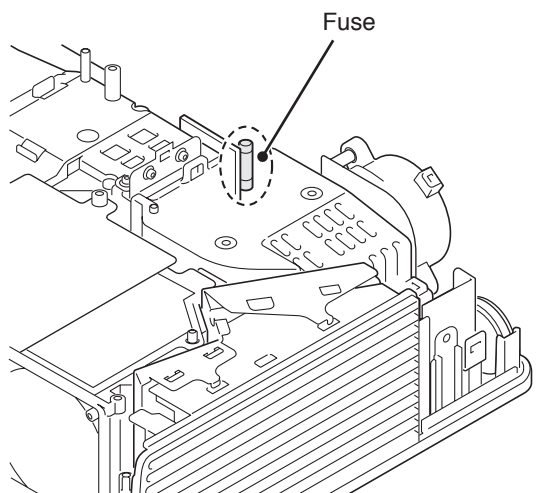
A fuse is located inside of the projector. When the POWER indicator is not lightning, the fuse may be opened. Check the fuse as following steps.

The fuse should be used with the following type;

Fuse Part No.: 323 025 1204
TYPE 8A 250V FUSE
LITTLE FUSE INC. TYPE 21500.8

How to replace the fuse

1. The fuse is placed on the filter board under the main board. Remove the cabinet top and main board.
2. Take the fuse off, and replace the new one with the specified type.



Warning temperature and power failure protection

The projector will be automatically turned off when the internal temperature of the projector is abnormally high, or the cooling fans stop spinning, or the power supplies in the projector are failed.

- If the WARNING indicator is flashing, it may detect the abnormal temperature inside the projector. Check the following possible causes and wait until the WARNING indicator stops flashing, and then try to turn on the projector.
- If the WARNING indicator lights red, it may defect the cooling fans or power supply circuits. Check fans operation and power supply lines referring to the chapter “Power supply & protection circuit” in the Chassis Block Diagram section.

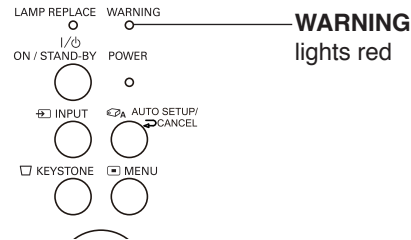
Possible causes

- Air filters are clogged with dust particles. Remove dust from the air filters by following instructions in the “Air filter care and cleaning” below.
- Ventilation slots of the projector are blocked. In such an event, reposition the projector so that ventilation slots are not obstructed.
- Check if projector is used at higher temperature place (Normal operating temperature is 5 to 35 °C or 41 to 95°F)

The projector is shut down and the WARNING indicator lights red.

When the projector detects an abnormal condition, it is automatically shut down to protect the inside of the projector and the WARNING indicator lights red. In this case, unplug the AC power cord and reconnect it, and then turn the projector on once again to verify operation. If the projector cannot be turned on and the WARNING indicator still lights red, it may defect the cooling fans or power supply circuits.

Top Control



CAUTION

DO NOT LEAVE THE PROJECTOR WITH THE AC POWER CORD CONNECTED UNDER AN ABNORMAL CONDITION. IT MAY RESULT IN FIRE OR ELECTRIC SHOCK.

Maintenance

Cleaning the Filter

Filters prevent dust from accumulating on the optical elements inside the projector. Should the filters become clogged with dust particles, it will reduce cooling fans' effectiveness and may result in internal heat buildup and adversely affect the life of the projector. If a "Filter warning" icon appears on the screen, clean the filters immediately. Clean the filter by following the steps below.

- 1 Turn off the projector, and unplug the AC power cord from the AC outlet.
- 2 Turn the projector over and remove the filters by pulling the latches upward.
- 3 Gently clean the filters by using a brush or rinse them softly.
- 4 When rinsing the filters, dry them well. Replace the filters properly. Make sure that the filters are fully inserted to the projector.



CAUTION

Do not operate the projector with the filters removed. Dust may accumulate on the optical elements degrading picture quality. Do not put anything into the air vents. Doing so may result in malfunction of the projector.

RECOMMENDATION

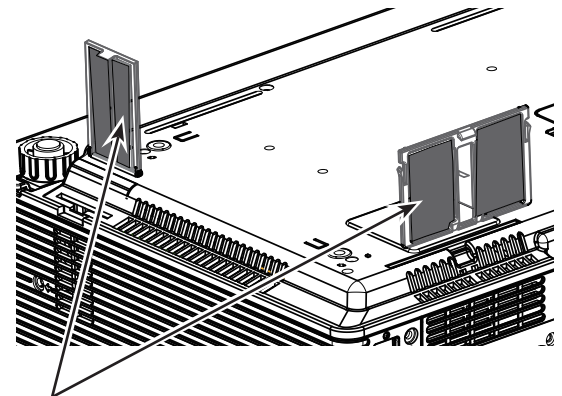
We recommend avoiding dusty/smoky environments when you operate the projector. Usage in these environments may cause poor image quality.

When using the projector under dusty or smoky conditions, dust may accumulate on a lens, LCD panels, or optical elements inside the projector degrading the quality of a projected image. When the symptoms above are noticed, contact your authorized dealer or service station for proper cleaning.

Resetting the Filter Counter

Be sure to reset the Filter counter after cleaning or replacing the filter.

- 1 Press the MENU button to display the On-Screen Menu. Use the Point ◀▶ buttons to move the red frame pointer to the Setting Menu icon.
- 2 Use the Point ▲▼ buttons to move the red frame pointer to Filter counter and then press the SELECT button. A dialog box appears showing the total accumulated time of the filter use, a timer setting option, and the reset option. Select Reset and the "Filter counter Reset?" appears. Select [Yes] to continue.
- 3 Another confirmation dialog box appears, select [Yes] to reset the Filter counter.



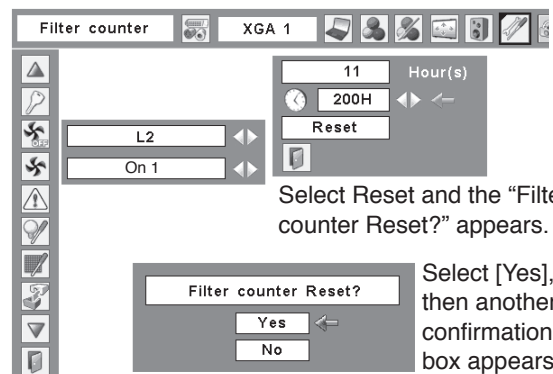
Filters

Pull up and remove.

✓Note:

- When reinserting this filter, be sure that the slit part is facing the outer side.

Filter counter



Select Reset and the "Filter counter Reset?" appears.

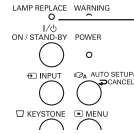
Select [Yes], then another confirmation box appears.

Select [Yes] again to reset the Filter counter.

Lamp Replacement

When the projection lamp of the projector reaches its end of life, the Lamp replacement icon appears on the screen and LAMP REPLACE indicator lights yellow. Replace the lamp with a new one promptly. The timing when the LAMP REPLACE indicator should light is depending on the lamp mode.

Top Control



LAMP REPLACE indicator

Lamp replacement



Lamp replacement icon

✓Note:

- The Lamp replacement icon will not appear when the Display function is set to "Off", during "Freeze", or "No show".



CAUTION

Allow a projector to cool for at least 45 minutes before you open the Lamp cover. The inside of the projector can become very hot.

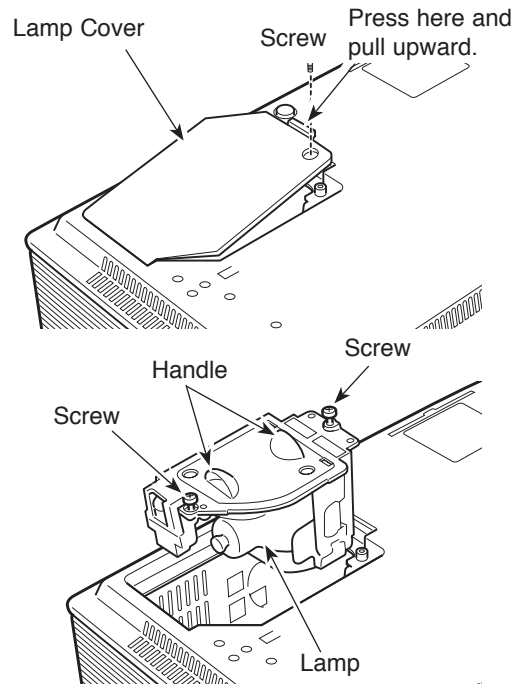


CAUTION

For continued safety, replace with a lamp of the same type. Do not drop a lamp or touch a glass bulb! The glass can shatter and may cause injury.

Follow these steps to replace the lamp.

- 1 Turn off the projector and unplug the AC power cord. Let the projector cool for at least 45 minutes.
- 2 Remove the one (1) screw on the lamp cover and open the lamp cover.
- 3 Remove the two (2) screws that secure the lamp. Lift the lamp out of the projector by using the handle.
- 4 Replace the lamp with a new one and secure the two (2) screws. Make sure that the lamp is set properly. Close the lamp cover.
- 5 Connect the AC power cord to the projector and turn on the projector.
- 6 Reset the lamp counter.
See "Resetting the Lamp Counter" on the next page.



ORDER REPLACEMENT LAMP

Type No. POA-LMP111
Service Parts No. 610 333 9740

Resetting the Lamp Counter

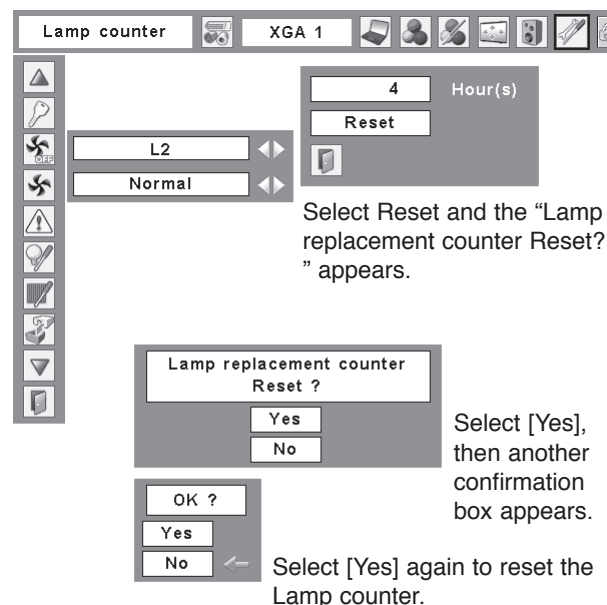
Be sure to reset the Lamp counter after the lamp is replaced. When the Lamp counter is reset, the LAMP REPLACE indicator stops lighting and the Lamp replacement icon disappears.

- 1 Press the MENU button to display the On-Screen Menu. Use the Point ◀▶ buttons to move the red framed pointer to the Setting Menu icon.
- 2 Use the Point ▲▼ buttons to move the red framed pointer to Lamp counter and then press the SELECT button. A dialog box appears showing the total accumulated time of the lamp usage and the reset option. Select Reset and the “Lamp replacement counter Reset?” appears. Select [Yes] to continue.
- 3 Another confirmation dialog box appears, select [Yes] to reset the Lamp counter.

✓Note:

- Do not reset the Lamp counter without implementing lamp replacement. Be sure to reset the Lamp counter only after replacing the lamp.

Lamp counter



How to check Lamp Used Time

The LAMP REPLACE indicator will light yellow when the total lamp used time (Corresponding value) reaches 3,000 hours. This is to indicate that lamp replacement is required.

The total lamp used time is calculated by using the below expression,

Total lamp used time (Corresponding value) = $T_{eco} + (T_{normal} \times 1.2) + (T_{high} \times 1.5)$

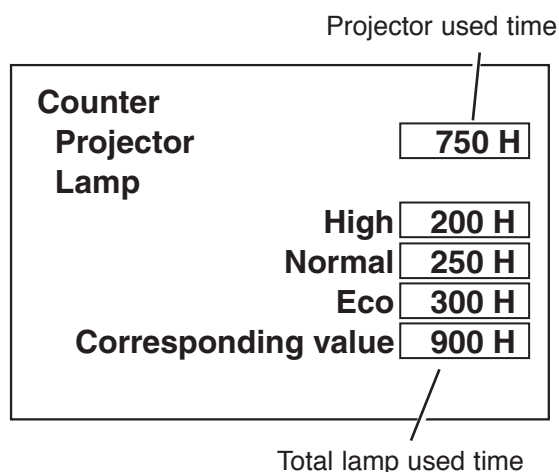
T_{eco} : used time in the Eco mode

T_{normal} : used time in the Normal mode

T_{high} : used time in the High mode

You can check the lamp used time following to the below procedure.

- 1 Press and hold the **ON/STAND-BY** button on the projector for more than 20 seconds.
- 2 The projector used time and lamp used time will be displayed on the screen briefly as follows.



Cleaning

After long periods of use, dust and other particles will accumulate on the LCD panel, prism, mirror, polarized glass, lens, etc., causing the picture to darken or color to blur. If this occurs, clean the inside of optical unit.

Remove dust and other particles using air spray. If dirt cannot be removed by air spray, disassemble and clean the optical unit.

Cleaning with air spray

1. Remove the cabinet top following to “Mechanical Disassemblies”.
2. Clean up the LCD panel and polarizing plate by using the air spray from the cabinet top opening.

Caution:

Use a commercial (inert gas) air spray designed for cleaning camera and computer equipment. Use a resin-based nozzle only. Be very careful not to damage optical parts with the nozzle tip. Never use any kind of cleanser on the unit. Also, never use abrasive materials on the unit as this may cause irreparable damage.

Disassembly Cleaning

Disassembly cleaning method should only be performed when the unit is considerably dirty and cannot be sufficiently cleaned by air spraying alone.

Be sure to readjust the optical system after performing disassembly cleaning.

1. Remove the cabinet top and main units following to “Mechanical Disassemblies”.
2. Remove the optical base top following to “Optical Unit Disassemblies”. If the LCD panel needs cleaning, remove the LCD panel unit following to “LCD panel replacement”.
3. Clean the optical parts with a soft cloth. Clean extremely dirty areas using a cloth moistened with alcohol.

Caution:

The surface of the optical components consists of multiple dielectric layers with varying degrees of refraction. Never use organic solvents (thinner, etc.) or any kind of cleanser on these components.

Since the LCD panel is equipped with an electronic circuit, never use any liquids (water, etc.) to clean the unit. Use of liquid may cause the unit to malfunction.

Security Function Notice

Security Function Disable

This projector provides security functions such as "Key lock", "PIN code lock" and "Logo PIN code lock". When the projector has set these security function on, you are required to enter correct PIN code to use the projector. If you do not know the correct PIN code to the projector, the projector can no longer be operated or started. In this case, you must reset those function first according to the resetting procedure described below and then check up on the projector.

Function	Description
Key lock	Locks operation of the top control or the remote control. If the Key lock is enabled with top control lock, the projector can no longer be started. Initial setting: Key lock function is disabled
PIN code lock	Prevents the projector from being operated by an unauthorized person. Initial code: "1234"
Logo PIN code lock	Prevents an unauthorized person for changing the start-up logo and captured image on the screen. Initial code: "4321"

Resetting procedure

1 Disconnect the AC power cord from the AC outlet.

2 As pressing the **SELECT** button on the projector, connect the AC power cord into an AC outlet again. Keep pressing the **SELECT** button until the POWER indicator lights continuously.

This is complete the resetting of the security function. The PIN code lock and Logo PIN code lock are reset as the initial PIN code at the factory and the Key lock function is disabled.

Please refer to the owner's manual for further information of the security functions.

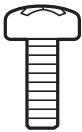
Mechanical Disassembly

Mechanical disassembly should be made following procedures in numerical order.

Following steps show the basic procedures, therefore unnecessary step may be ignored.

Caution:

The parts and screws should be placed exactly the same position as the original otherwise it may cause loss of performance and product safety.

Screws Expression (Type Diameter x Length) mm	
T type	M Type
	

1 Cabinet Top, Front, R/C Board removal

- 1. Remove the cabinet top.
- 2. Remove the Cabinet front.
- 3. Remove the R/C Board.

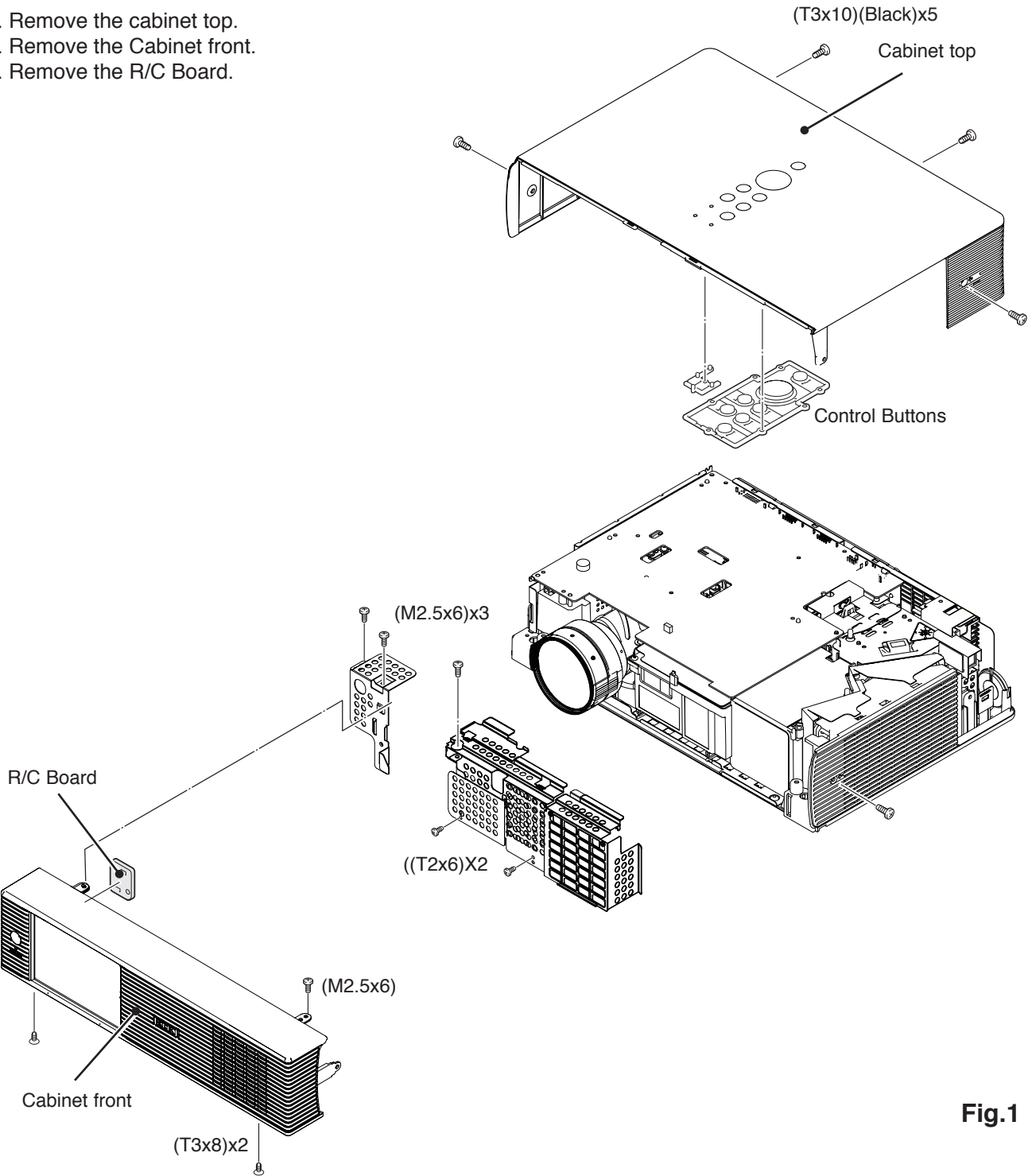


Fig.1

2 Main Board, AV Board, Rear Panel and Fans removal

1. Remove the Main board.
2. Remove the Rear panel.
3. Remove AV board.
4. Remove fans (FN901, FN902).

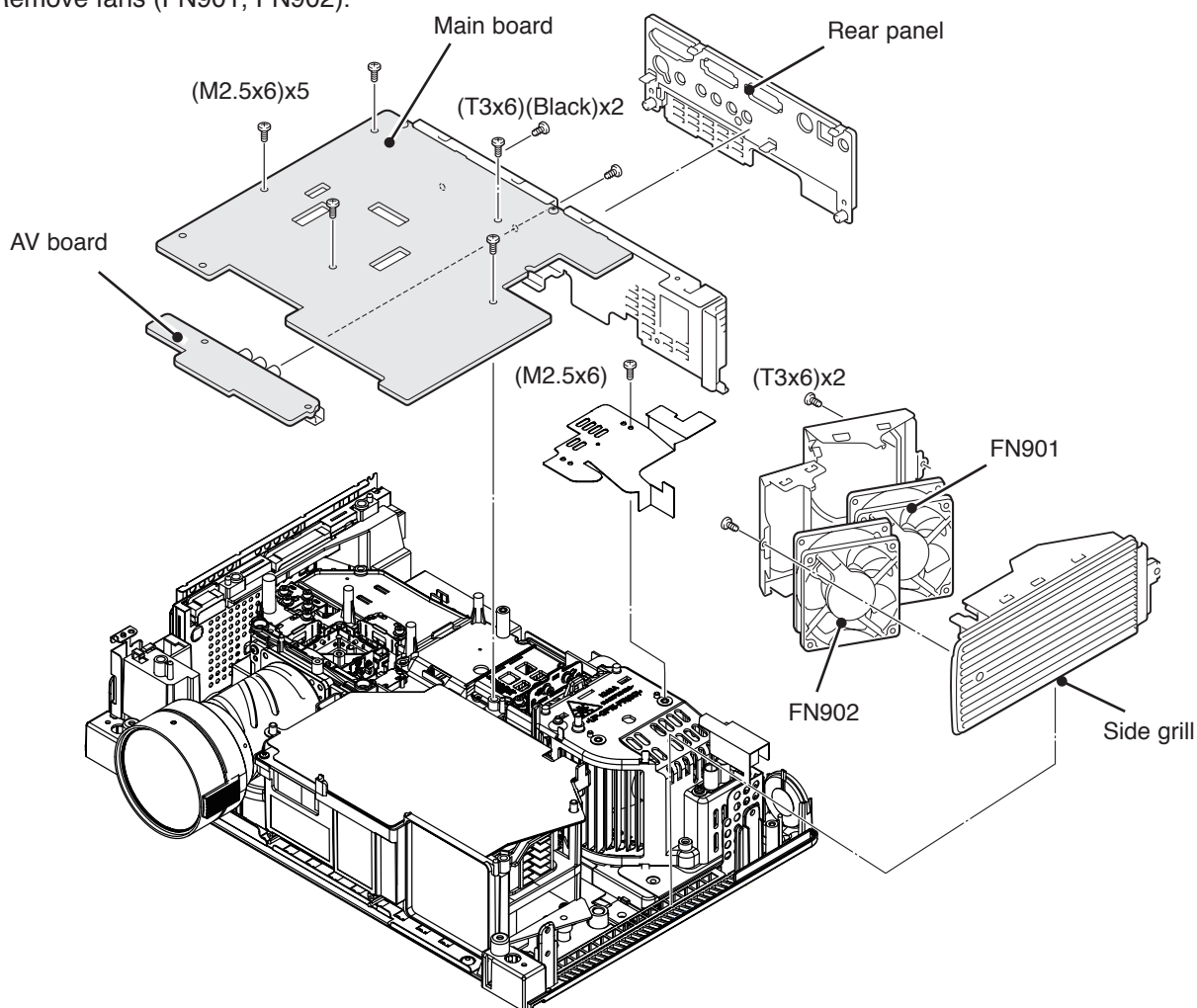


Fig.2

3 Fan (FN907) removal

1. Disconnect the lamp ballast socket and remove fan (FN907)

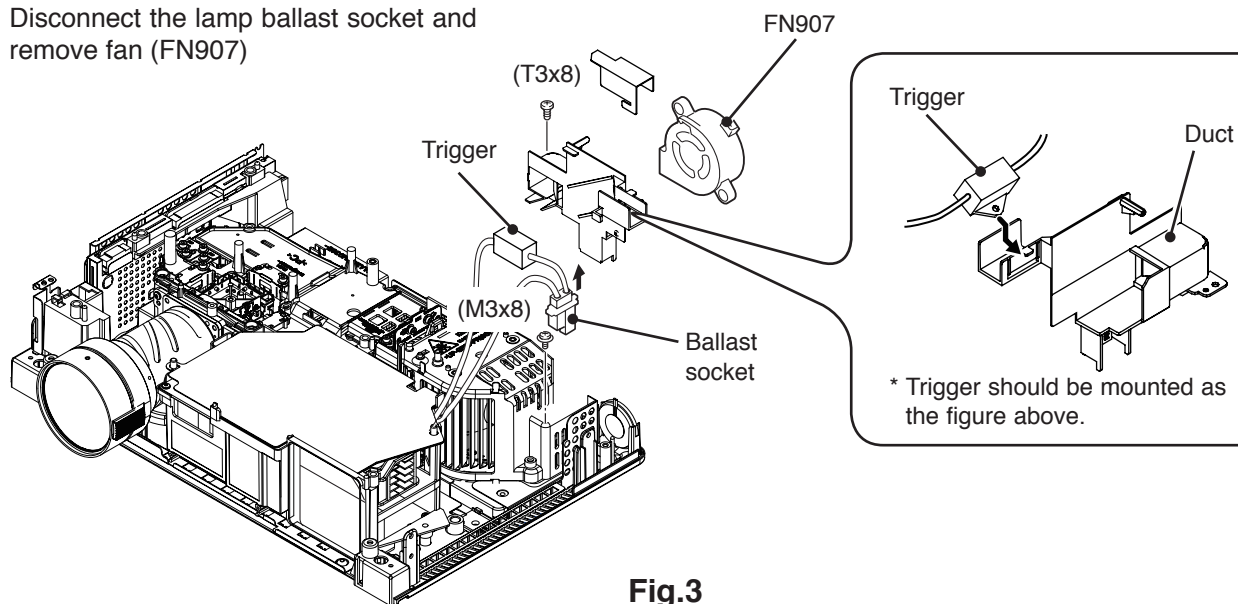


Fig.3

4 Optical unit, NETWORK board, Temp., Line Filter board, Fans removal

1. Remove the Optical unit.
2. Remove the NETWORK board.
3. Remove Screw (T3x8) and 4 hooks on the duct and then remove the Duct.
4. Remove the Duct top.
5. Remove the Line filter board and Temp. board.
6. Remove fans (FAN903, FAN904, FAN905) and SP901.

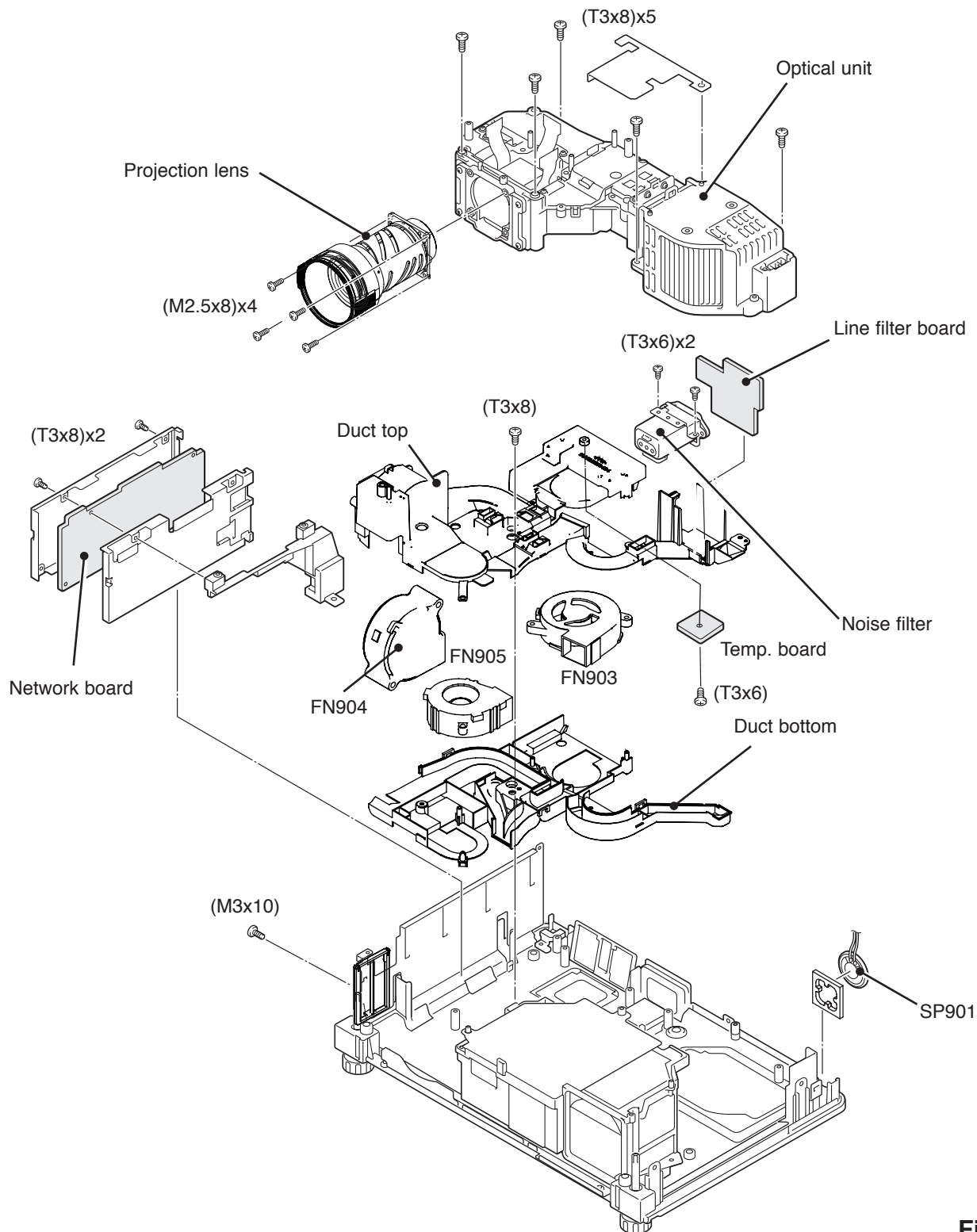


Fig.4

5 Power, Ballast, Lamp Cover Sw Board, Thermal Sw(SW902) removal

1. Remove the Power board.
2. Remove the Ballast board.
3. Remove the Lamp cover switch board and thermal switch (SW902).

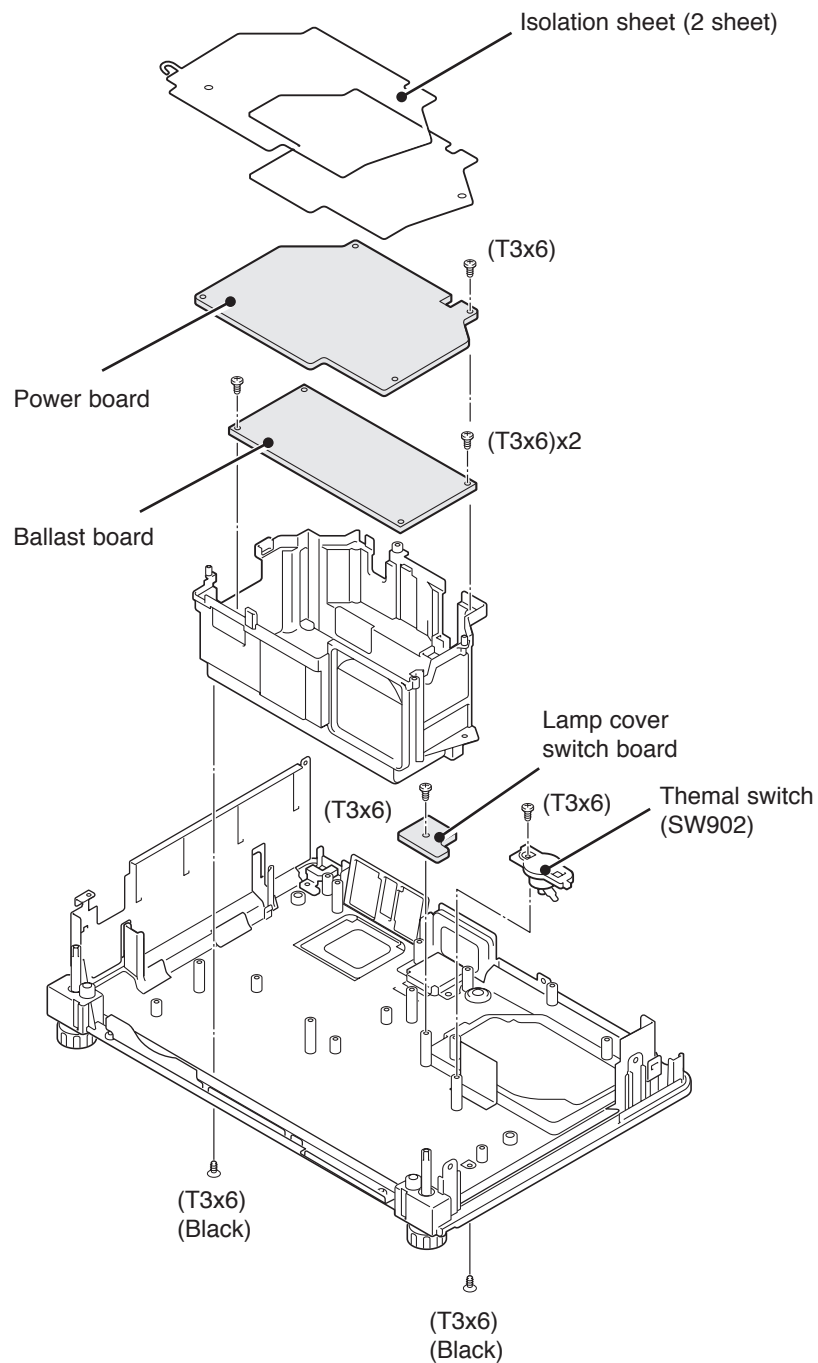


Fig.5

Optical Parts Disassembly

Before taking this procedure, remove Cabinet Top , Cabinet Front and Main Board following to the “Mechanical Disassembly”.

Disassembly requires a 2.0mm hex wrench.

1 Projection lens disassembly

Note: The optical unit should be removed from the cabinet bottom before removing the projection lens.

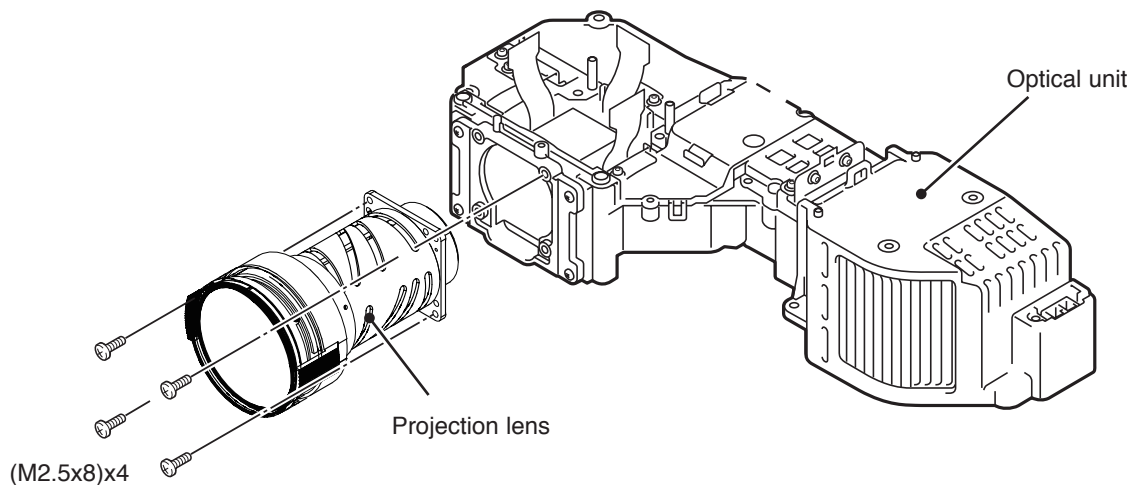


Fig.1

2 Integrator lens-in disassembly

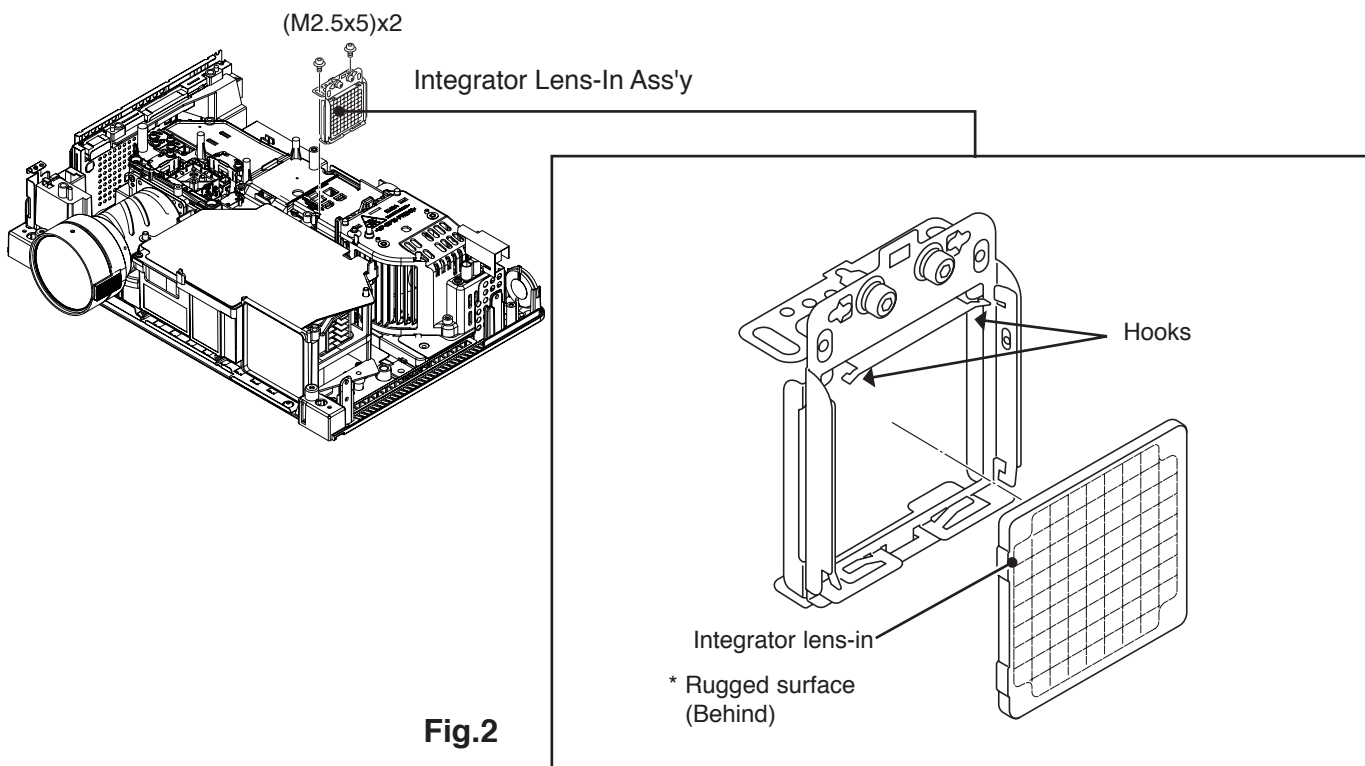


Fig.2

3 Relay lens disassembly

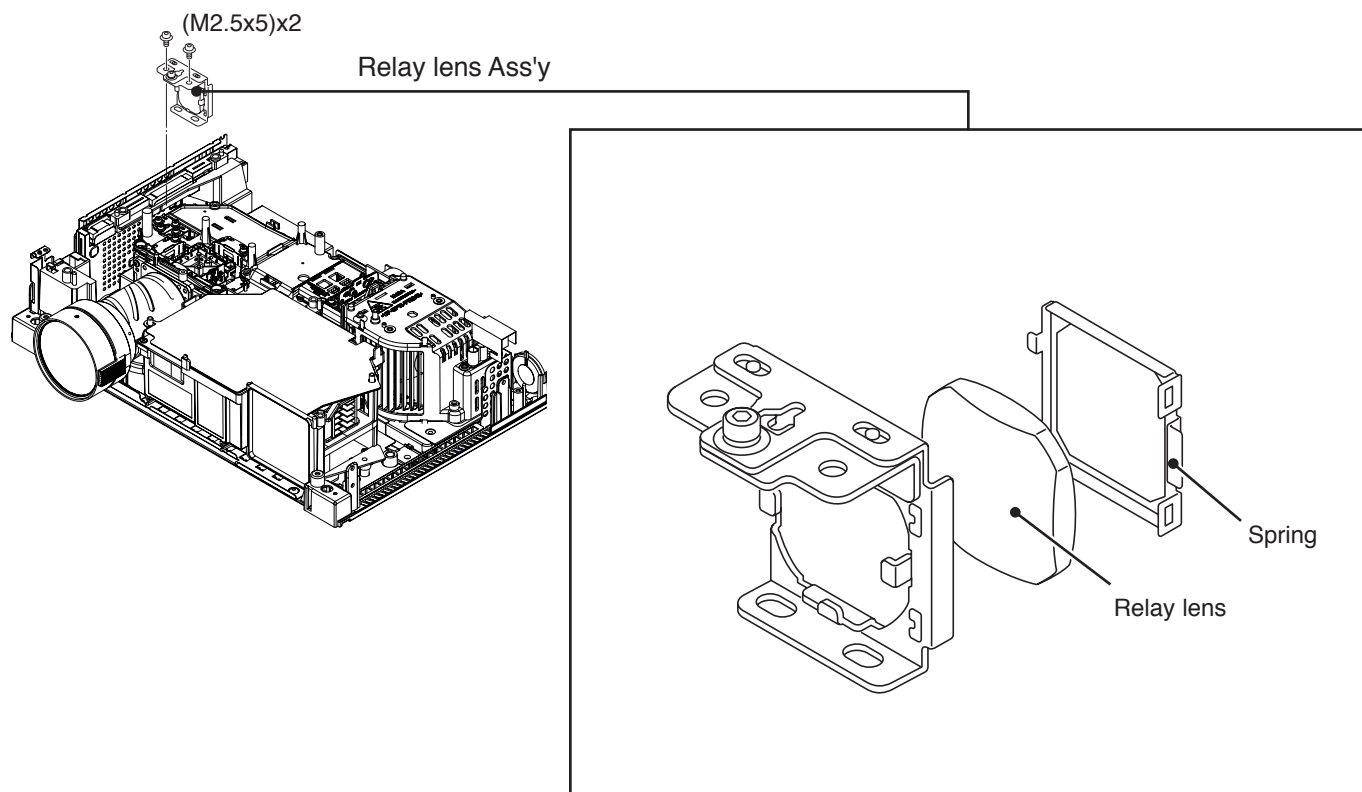


Fig.3

4 Polarized glass-in disassembly

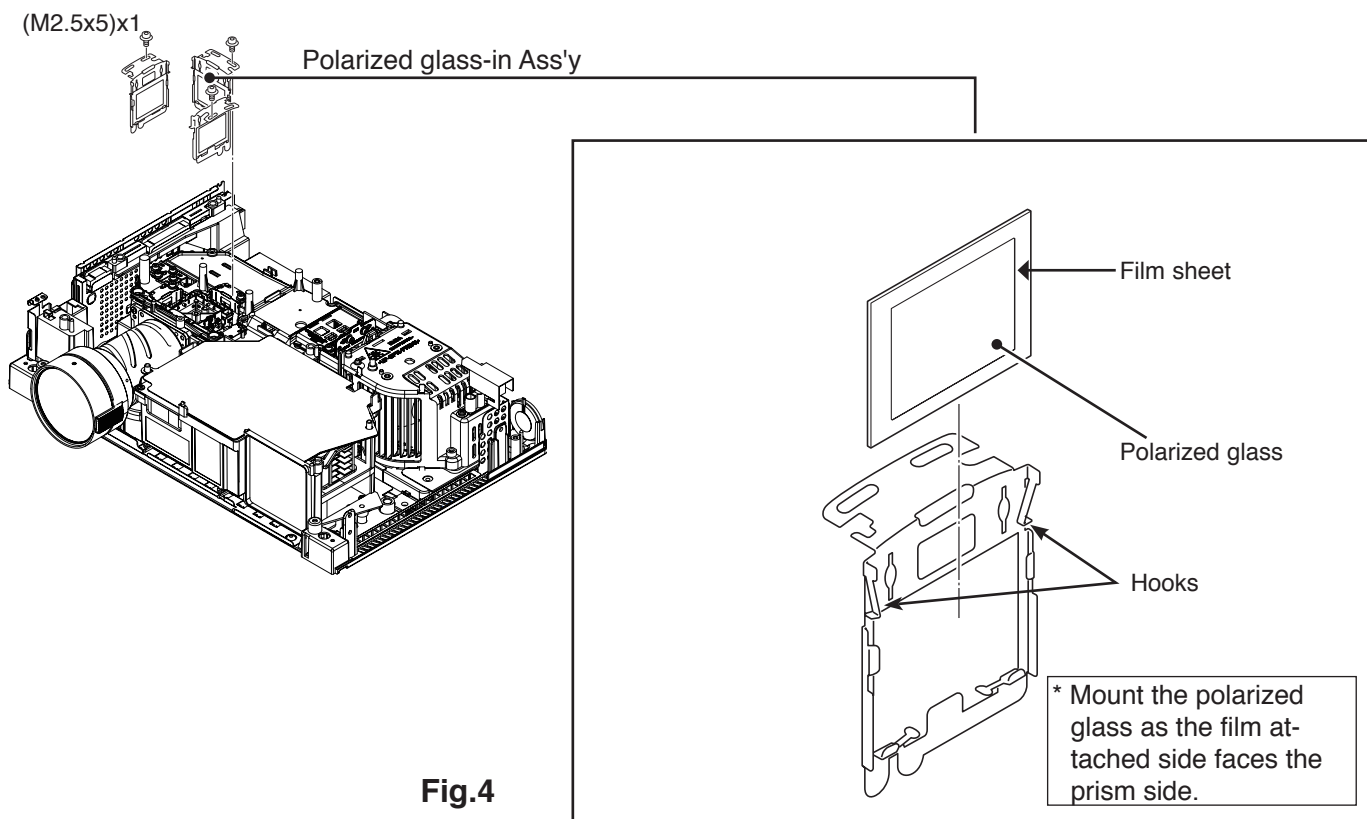


Fig.4

5 LCD Panel/Prism Ass'y removal

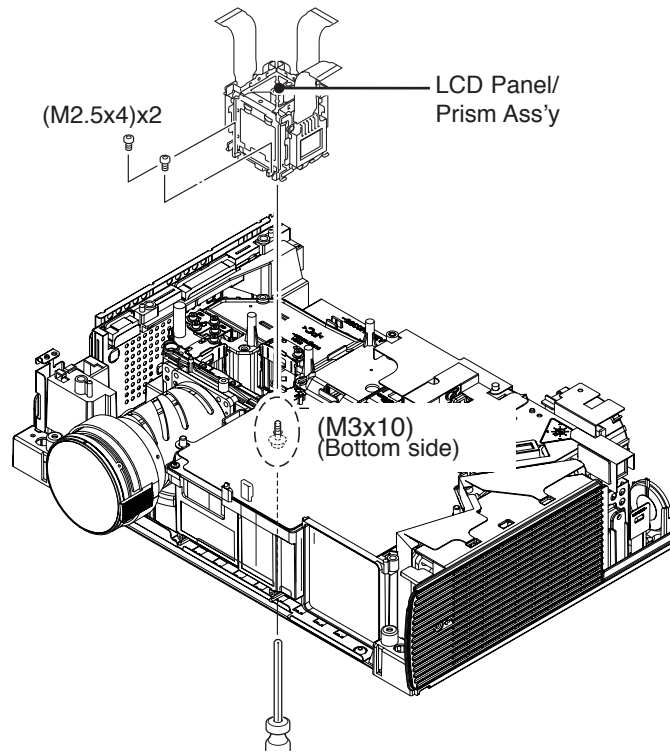


Fig.5-1

IMPORTANT NOTICE on Lcd Panel/Prism ass'y replacement

LCD panels used for this model can not be replaced separately. Do not disassemble the LCD Panel/Prism Ass'y. These LCD panels are installed with precision at the factory. When replacing the LCD panel, should be replaced whole of the LCD panels and prism ass'y at once.

After replacing LCD Panel/Prism ass'y, please check the following points.

- Check that there is no color shading at the top, bottom, left or right of the screen. If there is, try to remove the shading following to the chapter "Optical Adjustment".
- Check the white balance. If it needs the adjustment, adjust the white balance following to the "White Balance Adjustment", "Gamma Adjustment" and "Common Center Adjustment" in the chapter "Electrical Adjustment".
- Check the white uniformity on the screen.

If you find the color shading at the some part of the screen, it needs to take the color shading adjustment. This adjustment

should be performed by a computer and it also requires a special software "Color Shading Correction".

Panel Type Check

There are 2 types of LCD Panel/Prism Ass'y for this model. Either L-Type or R-Type LCD Panel/Prism Ass'y is used on the projector. Check which type of LCD Panel/Prism Ass'y is used with the figure below.

When replacing the LCD Panel/Prism Ass'y, you need to take "Panel Type Check and Setting" on the Electrical Adjustment for the replaced LCD Panel/Prism Ass'y.

The gamma-characteristics is different between L-Type and R-Type LCD Panel/Prism Ass'y.

How to check the type of LCDPanel/Prism Ass'y

Check the printed number on the flat cable of the G-LCD Panel.

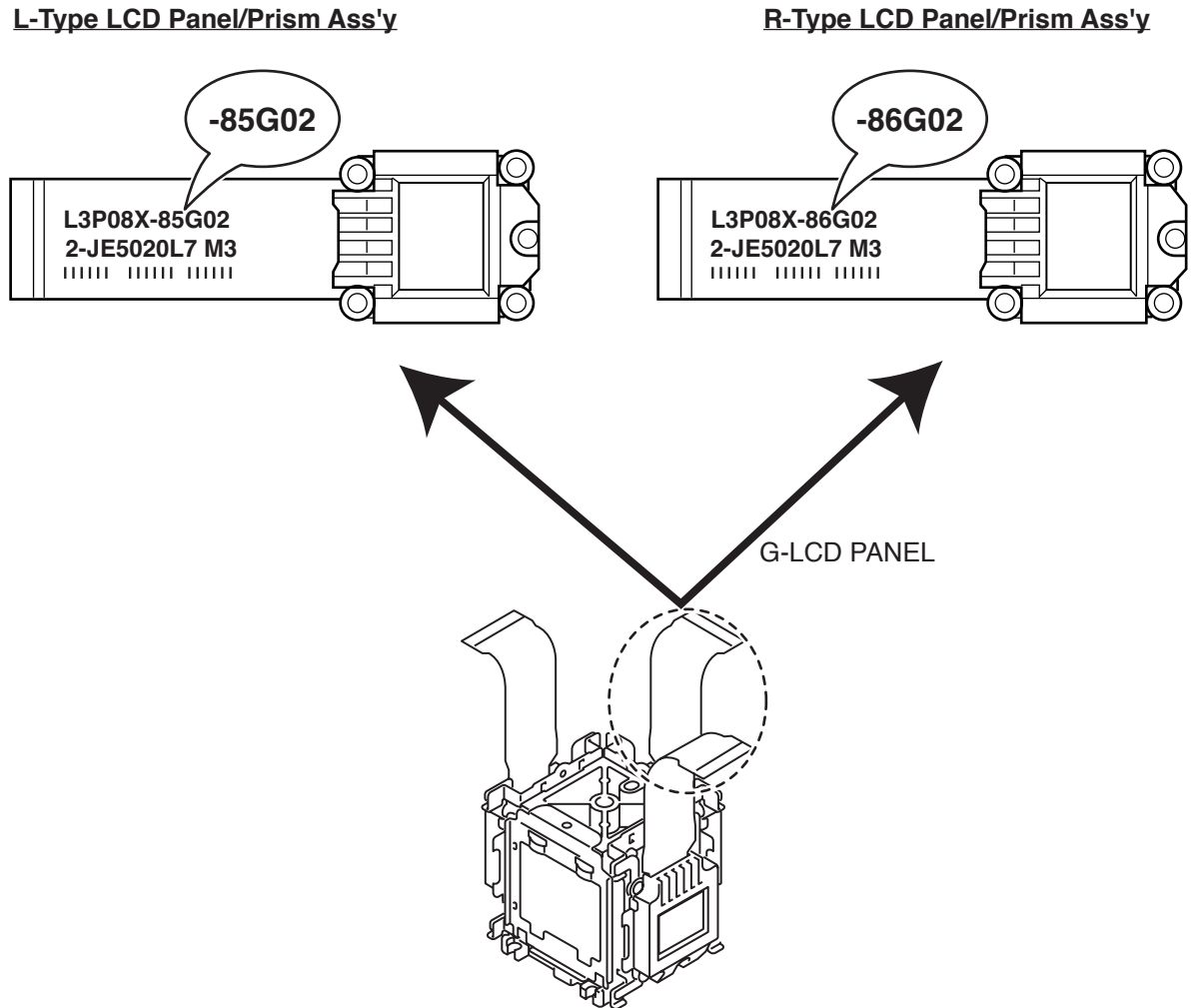


Fig.5-2

6 Polarized glass, Pre-polarized glass removal

* Mount the polarized glasses as the film attached side faces the LCD panel side.

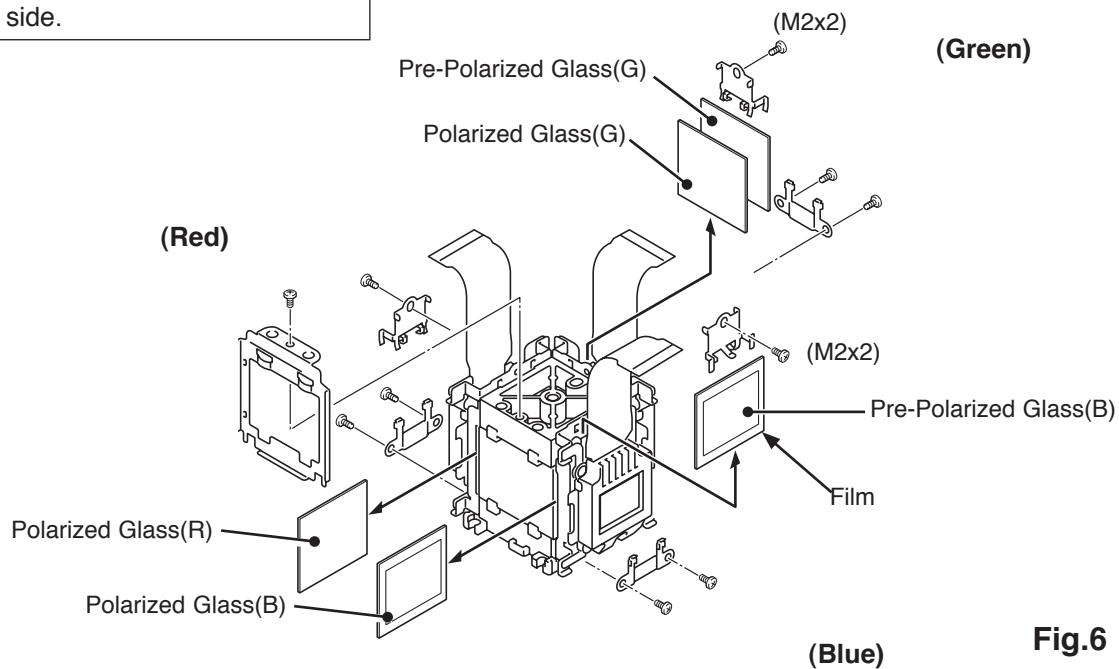


Fig.6

7 Optical unit top removal

1. Remove the Optical top A and Optical Top B.

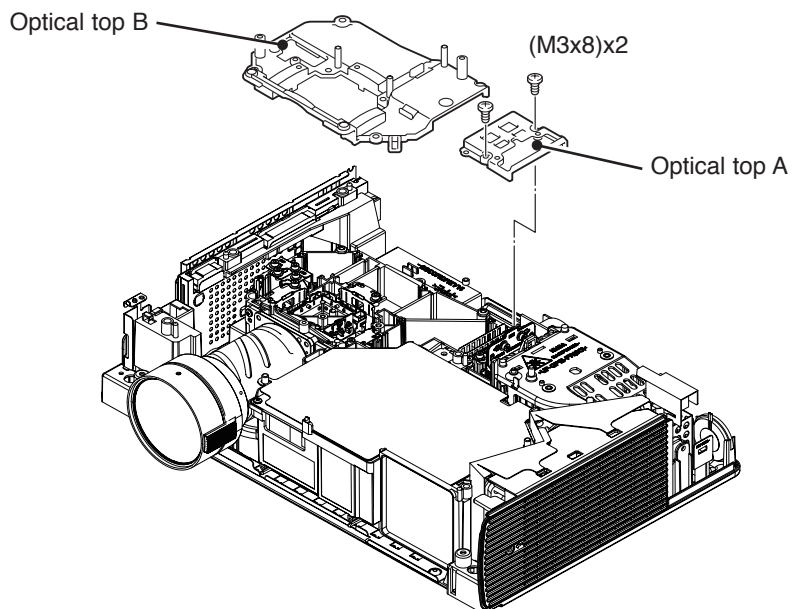


Fig.7

8 Locations and Directions

When mounting or assembling the optical parts in the optical unit, the parts must be mounted in the specified location and direction as shown in figure below.

No.	Parts Name
1	Integrator lens (OUT)
2	Prism beam splitter (PBS)
3	Condenser lens (OUT)
4	Dichroic mirror (B)
5	Dichroic mirror (G)
6	Condenser lens (G)
7	Relay Lens (IN)
8	Mirror (R)
9	Condenser lens (R)
10	Condenser lens (B)
11	Mirror (B)

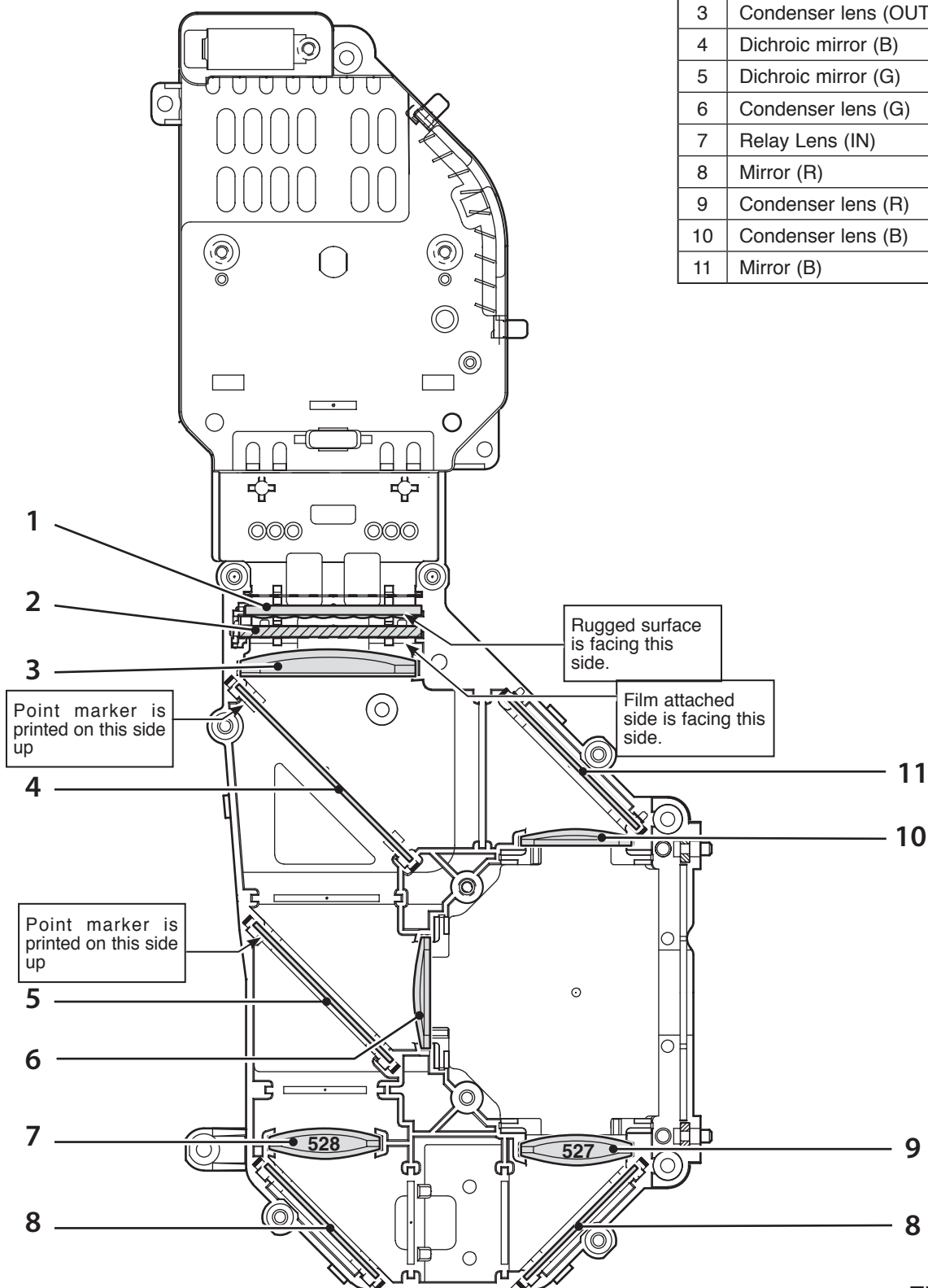


Fig.8

Adjustments

Adjustments after Parts Replacement

● : Adjustment necessary ○ : Check necessary

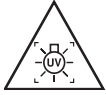
		Disassembly / Replaced Parts							
		LCD/ Prism Ass'y	Integrator Lens (OUT)	Relay Lens (OUT)	Polarized Glass			Power Board	Main Board
					R	G	B		
Optical Adjustments	Contrast Adjustment								
	R-Contrast adjustment				●				
	G-Contrast adjustment					●			
	B-Contrast adjustment						●		
	Integrator lens adjustment	○	●						
	Relay lens-out adjustment	○		●					
Electrical Adjustments	Fan control adjustment							●	●
	Panel type check and setting	●							●
	Auto calibration adjustment [PC]								●
	Auto calibration adjustment [Component]								●
	Auto calibration adjustment [Video]								●
	Common center adjustment	●							●
	50% white adjustment [PC]	●							●
	White balance adjustment [PC]	○							○
	50% white adjustment [Video]	●							●
	White balance adjustment [Video]	○							○
	White uniformity adjustment	○							○
	Keystone offset adjustment								●
	Color Shading Correction adjustment	○							○

Optical Adjustments

Before taking optical adjustments below, remove the Cabinet Top following to the “Mechanical Disassembly”. Adjustments require a 2.0mm hex wrench and a slot screwdriver. When you adjust Integrator lens or Relay lens adjustment, you need to disconnect FPC cables of LCD panels on the main board.

Optical adjustment requires a 2.0mm hex wrench and a slot screwdriver.

Note: Do not disconnect connectors on the main board, because the projector cannot turn on due to operate the power failure protection.



WARNING : USE UV RADIATION EYE AND SKIN PROTECTION DURING SERVICING

CAUTION: To prevent suffer of UV radiation, those adjustment must be completed within 25 minutes.

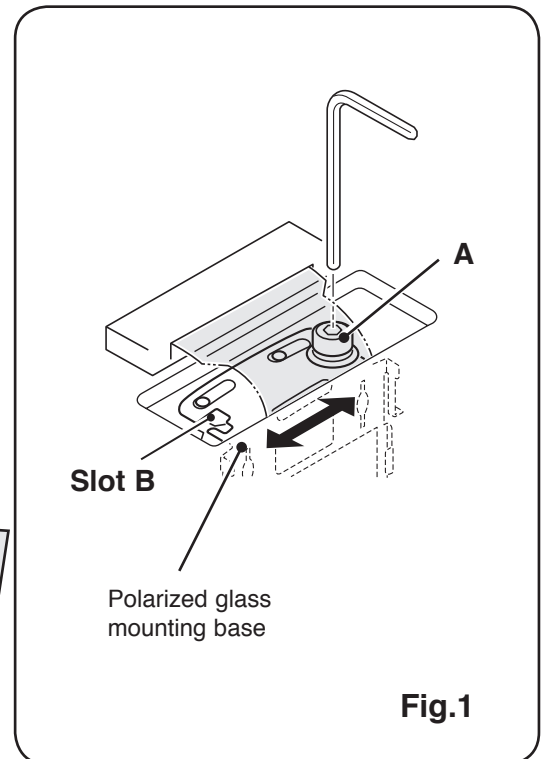
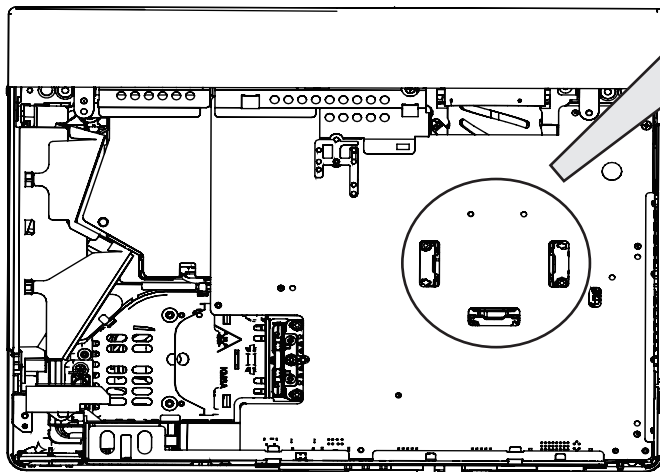
Contrast adjustment

[Before Adjustment]

- Input a 100% of black raster signal.

- 1 Loosen a screw **A** (**Fig.1**) on the polarized glass mounting base which you intend to adjust.
- 2 Adjust the slot **B** to obtain the darkest brightness on the screen by using a slot screwdriver.
- 3 Tighten the screw **A** to fix the polarized glass mounting base.

Repeat steps 1 to 3 for remaining polarized glasses.



Integrator lens adjustment

- 1** Turn the projector on by a state of without FPC cables.
- 2** Project all of lights on the screen.
- 3** Adjust the adjustment base of integrator lens assy to make color uniformity in white.
 - 1) If the shading appears on the left or right of the screen as shown in **Fig.2-1**, loosen 1 screw **A** , and adjust the slot **B** to make color uniformity in white by using a slot screwdriver.
 - 2) If the shading appears on the top or bottom of the screen as shown in **Fig.2-2**, loosen 2 screws **C**, and insert a slot screwdriver into the slot **D** and adjust color uniformity in white by turning a slot screwdriver up or down.
- 4** Tighten screws **A** and **C** to fix the Integrator lens unit.

Note:

The relay lens adjustment must be carried out after completing this adjustment.

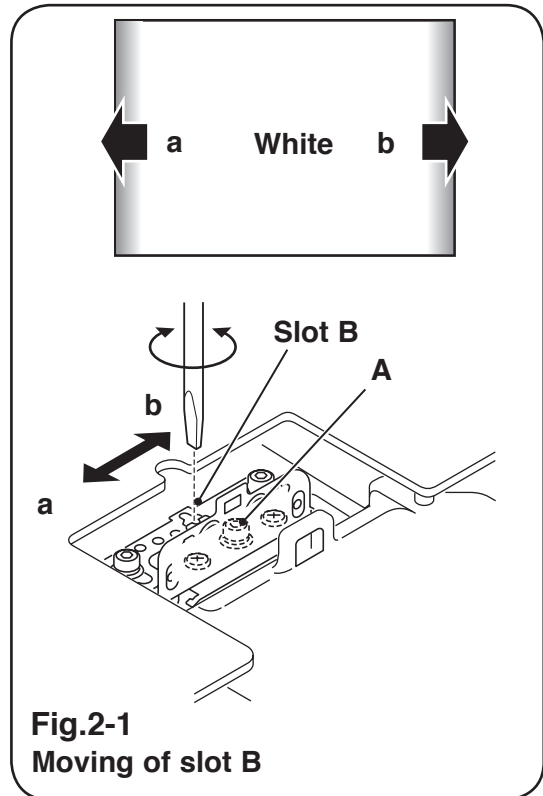
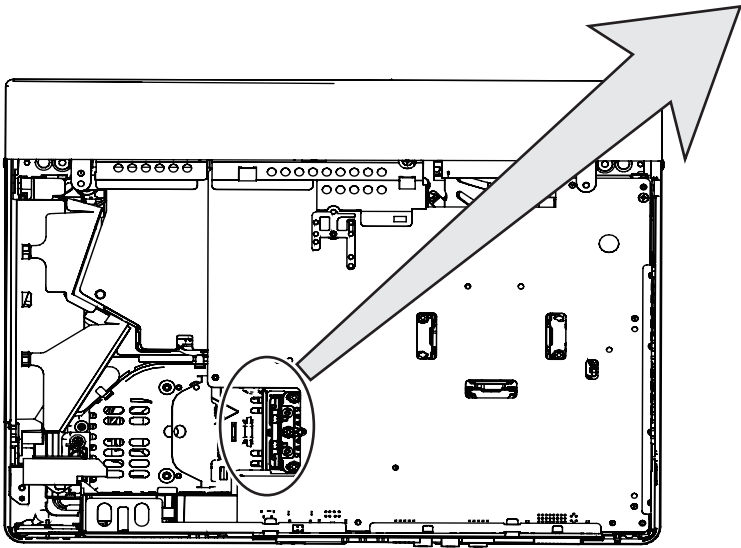


Fig.2-1
Moving of slot B

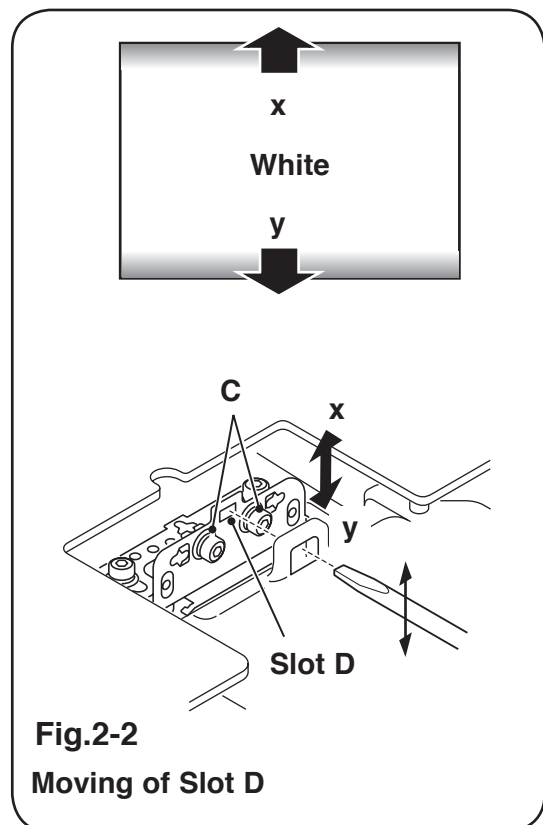


Fig.2-2
Moving of Slot D

Relay lens-Out adjustment

- 1 Turn the projector on by a state of without FPC cables.
- 2 Project all of lights on the screen.
- 3 Adjust the adjustment base of relay lens assy to make color uniformity in white.
If the shading appears on the left or right of the screen as shown in **Fig.3**, loosen 1 screw **A**, and adjust the slot **B** to make color uniformity in white by using a slot screwdriver.
- 4 Tighten the screw **A** to fix the relay lens unit.

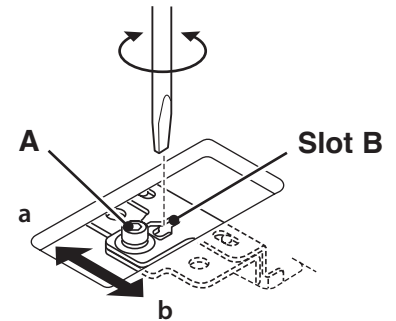
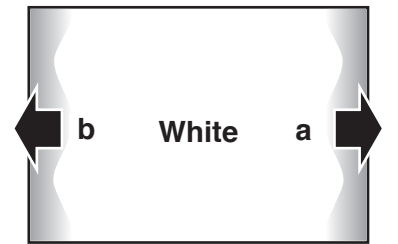
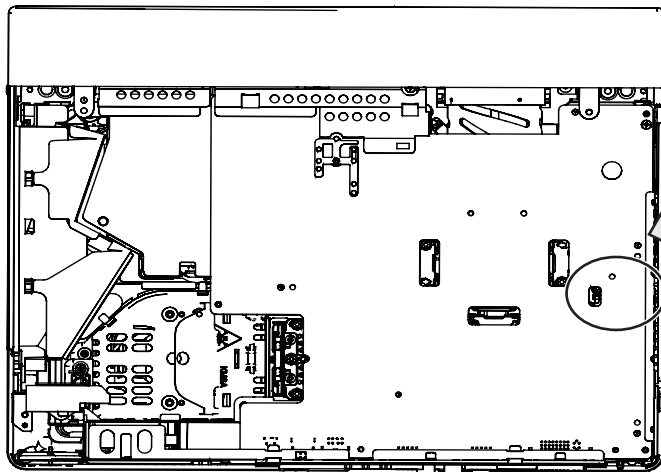


Fig.3
Moving of slot B

Electrical Adjustments

Service Adjustment Menu Operation

To enter the service mode

To enter the “Service Mode”, press and hold the **MENU** and **SELECT** button for more than 3 seconds. The service menu appears on the screen as follows.

To adjust service data

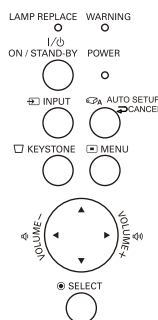
Select the adjustment group no. by pressing the **MENU** button (increase) or **SELECT** button (decrease), and select the adjustment item no. by pressing the pointer **▲** or **▼** button, and change the data value by pressing the **◀** or **▶** button. Refer to the “Service Adjustment Data Table” for further description of adjustment group no., item no. and data value.

To exit the service mode

To exit the service mode, press the **ON/STAND-BY** button.

Service Mode		
Input		Video
Group	No.	Data
0	0	32
Ver.	1	00

Group No. Item No. Data value



Memory IC (IC1391) Replacement

Memory IC on the main board stores the data for the service adjustments, and should not be replaced except for the case of defective device.

If replaced, the re-adjustments are required following to the “Electrical Adjustments”.

The data of lamp replacement counter is stored in the Memory IC.

Please note that the lamp replace counter will be reset when the memory IC is replaced.

(Lamp replace counter cannot be set to the previous value.)

● Caution to memory IC replacement

When memory IC is replaced with new one, the CPU writes down the default data of the service adjustments to the replaced IC as the mentioned on the service adjustment table. As these data are not the same data as

factory shipped data, it should be required to perform the re-adjustments following to the “Electrical Adjustments”.

Please note that in this case the lamp replace counter will be reset.

● Caution of Main Board replacement (in the case memory IC is not defective)

When the main board is replaced, memory IC should be replaced with the one on previous main board. After replacement, it should be required to perform the re-adjustments following to the “Electrical Adjustments”.

In this case, the lamp replace counter can be kept the value as before.

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. Before adjustment, please turn on the projector more than ten minutes.



WARNING : USE UV RADIATION EYE AND SKIN PROTECTION DURING SERVICING.

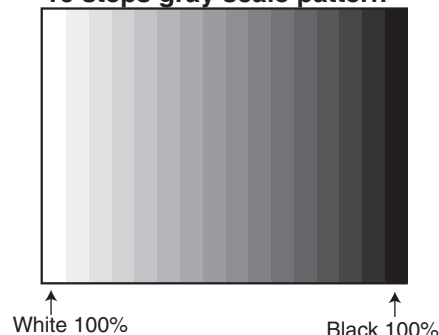


CAUTION:
To prevent suffer of UV radiation, those adjustments must be completed within 25 minutes.

[Adjustment Condition]

- Input signal
 - Video signal1.0Vp-p/75Ω terminated, 16 steps gray scale (Composite video signal)
 - Component Video signal.....1.0Vp-p/75Ω terminated, 8 color 100% color bar or 16 step gray scale (Component video signal)
 - Computer signal.....0.7Vp-p/75Ω terminated, 16 steps gray scale pattern
- Image control mode“STANDARD” mode unless otherwise noted.

16 steps gray scale pattern



Note:

* Please refer to “Service Adjustment Menu Operation” for entering the service mode and adjusting the service data.

Output Voltage adjustment

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

1. Connect a digital voltmeter to pins 1 (+) and 2 (-) of **K6A**.
2. Adjust the voltage by using VR601 as following.

AC Input	Reading
230V	370V ±2V

Caution:

Be sure to connect the lamp when taking this adjustment.

* This adjustment is not required even if the power board is replaced because this adjustment is carried out before parts shipment.

1 Fan Control adjustment

1. Enter the service mode.
2. Connect a digital voltmeter to test point “**TPFANA**” (+) and chassis ground (-). Select group no. “**250**”, item no. “**0**” and change data value to adjust voltage to be **5.0 ±0.1V**.
3. Connect a digital voltmeter to test point “**TPFANB**” (+) and chassis ground (-). Select group no. “**250**”, item no. “**2**” and change data value to adjust voltage to be **5.0 ±0.1V**.
4. Connect a digital voltmeter to test point “**TPFANC**” (+) and chassis ground (-). Select group no. “**250**”, item no. “**4**” and change data value to adjust voltage to be **5.0 ±0.1V**.
5. Connect a digital voltmeter to test point “**TPFANA**” (+) and chassis ground (-). Select group no. “**250**”, item no. “**1**” and change data value to adjust voltage to be **13.5 ±0.1V**.
6. Connect a digital voltmeter to test point “**TPFANB**” (+) and chassis ground (-). Select group no. “**250**”, item no. “**3**” and change data value to adjust voltage to be **13.5 ±0.1V**.
7. Connect a digital voltmeter to test point “**TPFANC**” (+) and chassis ground (-). Select group no. “**250**”, item no. “**5**” and change data value to adjust voltage to be **13.5 ±0.1V**.

2 Panel Type Check and Setting

* Before setting, you need to check which type of LCD panel is placed on the projector according to the item "LCD Panel/Prism Ass'y removal" in the chapter "Optical Parts Disassembly".

1. Enter the service mode.
2. Panel Type Check
Select group no. "290", item no. "0". Check the data value as follows;
Data value: 0 For L-Type of LCD Panel
Data value: 20 For R-Type of LCD panel
3. Panel Type Setting
Select group no. "290", item no. "1" and change data value from 10 to 0 or 20 depending on your LCD Panel type. When the data value reaches 0 or 20, it returns to 10 quickly. The gamma-characteristics changes according to your selection.

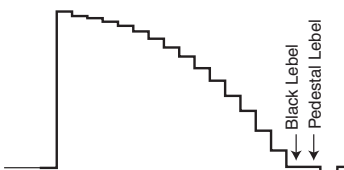
3 Auto Calibration adjustment [PC]

1. Enter the service mode.
2. Receive the 16-step grey scale computer signal with **Computer2 [RGB]** mode.
3. To start the auto-calibration for PC adjustment, select group no. "260", item no. "0" and then change data value from "0" to "1". After the auto-calibration completed, "OK" will appear on the screen.

Below adjustments are performed when the above auto calibration is failed.

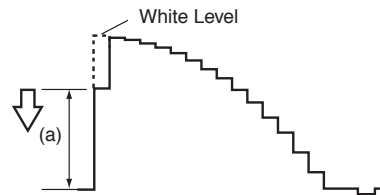
Pedestal adjustment [PC]

1. Enter the service mode.
2. Receive the 16-step grey scale computer signal with **Computer2 [RGB]** mode.
3. Connect an oscilloscope to test point "TP_G1" (+) and chassis ground (-).
4. Select group no. "0", item no. "0" and change data value to adjust the pedestal level and black level to be the same level.
5. Connect an oscilloscope to test point "TP_R1" (+) and chassis ground (-).
6. Select item no. "1" and change data value to adjust the pedestal level and black level to be the same level.
7. Connect an oscilloscope to test point "TP_B1" (+) and chassis ground (-).
8. Select item no. "2" and change data value to adjust the pedestal level and black level to be the same level.



Gain adjustment [PC]

1. Enter the service mode.
2. Receive the 16-step grey scale computer signal with **Computer2 [RGB]** mode.
3. Connect an oscilloscope to test point "TP_G1" (+) and chassis ground (-).
4. Select group no. "0", item no. "3" and adjust the amplitude "a" to be minimum by changing the Data value.
5. Connect an oscilloscope to test point "TP_R1" (+) and chassis ground (-).
6. Select group no. "0", item no. "4" and adjust the amplitude "a" to be minimum by changing the Data value.
7. Connect an oscilloscope to test point "TP_B1" (+) and chassis ground (-).
8. Select group no. "0", item no. "5" and adjust the amplitude "a" to be minimum by changing the Data value.



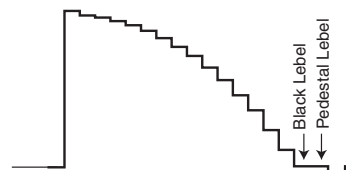
4 Auto Calibration adjustment [Component]

1. Enter the service mode.
2. Receive the 8 color 100% color bar 1080i-component signal with **Computer2 [Component]** mode.
3. To start the auto-calibration for Component adjustment, select group no. "260", item no. "0" and then change data value from "0" to "1". After the auto-calibration completed, "OK" will appear on the screen.

Below adjustments are performed when the above auto calibration is failed.

Pedestal adjustment [Component]

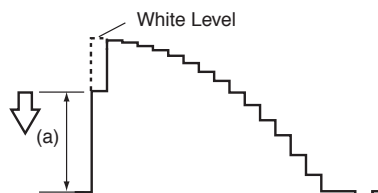
1. Enter the service mode.
2. Receive the 16-step grey scale 480i-component signal with **Computer2 [Component]** mode.
3. Connect an oscilloscope to test point "TP_G1" (+) and chassis ground (-).
4. Select group no. "0", item no. "0" and change data value to adjust the pedestal level and black level to be the same level.
5. Connect an oscilloscope to test point "TP_R1" (+) and chassis ground (-).
6. Select item no. "1" and change data value to adjust the pedestal level and black level to be the same level.
7. Connect an oscilloscope to test point "TP_B1" (+) and chassis ground (-).
8. Select item no. "2" and change data value to adjust the pedestal level and black level to be the same level.



Electrical Adjustments

Gain adjustment [Component]

1. Enter the service mode.
2. Receive the 16-step grey scale computer signal with **Computer2 [Component]** mode.
3. Connect an oscilloscope to test point "TP_G1" (+) and chassis ground (-).
4. Select group no. "0", item no. "3" and adjust the amplitude "a" to be minimum by changing the Data value.



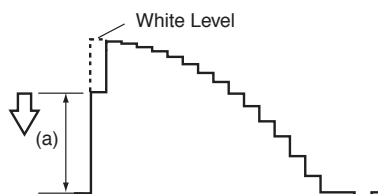
5 Auto Calibration adjustment [Video]

1. Enter the service mode.
2. Receive the 16-step grey scale composite video signal with **Video [Video]** mode.
3. To start the auto-calibration for Component adjustment, select group no. "260", item no. "0" and then change data value from "0" to "1". After the auto-calibration completed, "OK" will appear on the screen.

below adjustment is performed when the above auto calibration is failed.

Gain adjustment [Video]

1. Enter the service mode.
2. Receive the 16-step grey scale composite video signal with **Video [Video]** mode.
3. Connect an oscilloscope to test point "TP_G1" (+) and chassis ground (-).
4. Select group no. "20", item no. "0" and adjust the amplitude "a" to be minimum by changing the Data value.

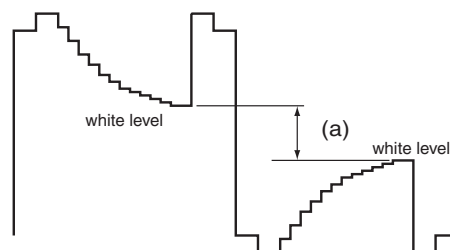


6 Common Center adjustment

1. Enter the service mode.
2. Receive the 50%-Whole Gray computer signal with **Computer2 [RGB]** mode.
3. Select group no. "100", item no. "92" and change data value to "2" to reduce the panel frequency.
4. Project only green light component to the screen.
5. Select group no. "101", item no. "1" and change data value to obtain the minimum flicker on the screen.
6. Project only red light component to the screen.
7. Select item no. "0" and change data value to obtain the minimum flicker on the screen.
8. Project only blue light component to the screen.
9. Select item no. "2" and change data value to obtain the minimum flicker on the screen.
10. Select group no. "100", item no. "92" and change data value to "0" to reset the panel frequency.

7 50% White adjustment [PC]

1. Enter the service mode.
2. Receive the 16-step grey scale computer signal with **Computer2 [RGB]** mode.
3. Connect an oscilloscope to test point "TP_G1" (+) and chassis ground (-).
5. Select group no. "100", item no. "6" and change data value to adjust amplitude "a" to be 1.2V.



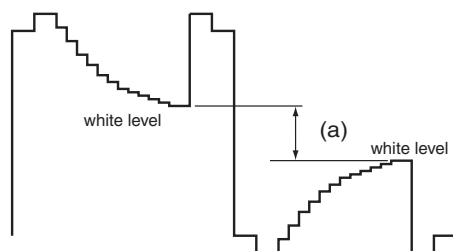
8 White Balance adjustment [PC]

1. Enter the service mode,
2. Receive the 16-step gray scale computer signal with **Computer2 [RGB]** mode.
3. Select group no. "100" item no. "7" (Red) or "8" (Blue), and change Data values respectively to make a proper white balance.

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

9 50% White adjustment [Video]

1. Enter the service mode.
2. Receive the 16-step grey scale composite video signal with **Video[Video]** mode.
3. Connect an oscilloscope to test point "TP_G1" (+) and chassis ground (-).
5. Select group no. "100", item no. "6" and change data value to adjust amplitude "a" to be **1.2V**.



10 White Balance adjustment [Video]

1. Enter the service mode.
2. Receive the 16-step grey scale composite video signal with **Video[Video]** mode.
3. Select group no. "100" item no. "7" (Red) or "8" (Blue), and change Data values respectively to make a proper white balance.

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

11 Keystone Offset adjustment

After replacing the G-sensor circuit (IC3851, IC1802 and peripheral circuit), readjust the Keystone Offset adjustment as follows.

1. Put the projector on a horizontal place with the adjustable feet being minimum range and then enter the service mode.
2. Select group no. "102", item no. "3" and set data value from "0" to "5".
3. By pressing the **SELECT** button, the Keystone Offset adjustment will start.
4. When it has completed, the "OK" message will appear on the screen.
5. By pressing any button on the projector or the remote control, the "OK" message will disappear.
(Data value of Group no. "102", item no. "3" will be back from "5" to "0" for initial value.)

12 Color Shading Correction adjustment

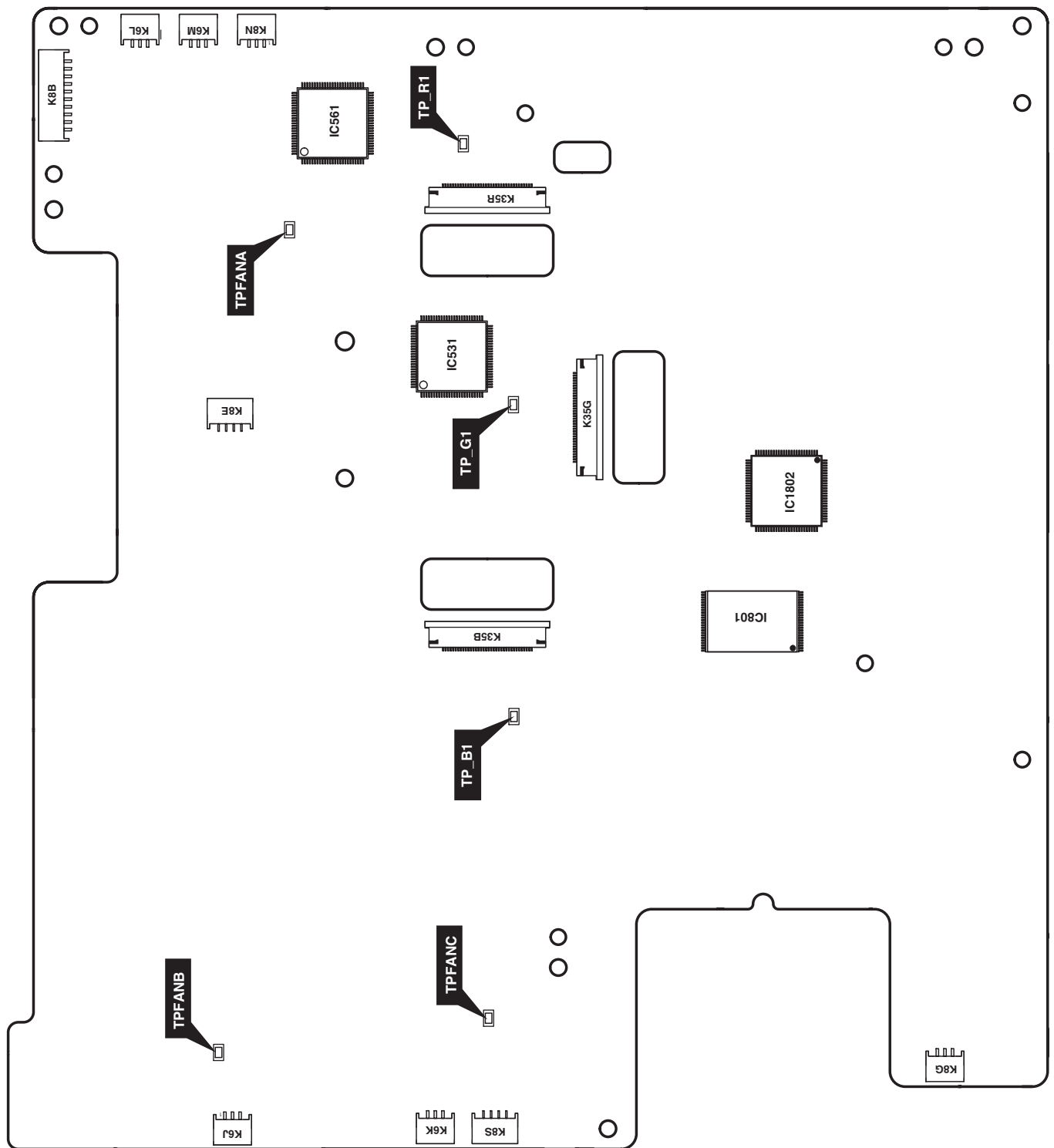
If the correction of the Color shading adjustment is necessary, please adjust the "Color shading" by using the "COLOR SHADING CORRECTION" software supplied separately. The color shading correction adjustment for this model should be performed with the whole-gray patterns specified as below.

4-input patterns:

6.25% gray, 12.5% gray, 25% gray, 50% gray

Test Points and Locations

MAIN BOARD



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.

Group/Item	Item Name	Function	Initial	Range	Note
Group 0	AD Converter (PW190)				
0	ADC G-OFFSET	PC / Component / SCART	128/120/128	0 - 255	* G-Pedestal Adjustment
1	ADC R-OFFSET	PC / Component / SCART	128/140/128	0 - 255	* R-Pedestal Adjustment
2	ADC B-OFFSET	PC / Component / SCART	128/140/128	0 - 255	* B-Pedestal Adjustment
3	ADC G-GAIN	PC / Component / SCART	50/50/50	0 - 255	* G-Gain Adjustmen
4	ADC R-GAIN	PC / Component / SCART	40/40/40	0 - 255	* R-Gain Adjustmen
5	ADC B-GAIN	PC / Component / SCART	40/40/40	0 - 255	* B-Gain Adjustmen
6	GRAAFLTR/RBAAFLTR	Green (Red and Blue) Anti-Alias Filter	4 / R / R	0 - 7	
7	GRNAADWNSMPL / RBAADWNSMPL	Green (Red and Blue) Anti-Alias Downsample	0 / R / R	0 - 3	Composite & S-Video / Component / PC
8	GRNAAHF / RBAAHF	Green (Red and Blue) Anti-Alias High Frequency	3 / R / R	0 - 3	*R: Read only value
10	SOGTH	PC / Component / SCART SyncOn Green Threhold	4 / 3 / 2	0 - 15	
11	SOGHYSDIS	PC / Component / SCART Sync On Green Hsysteresis Enable	0	0 - 1	
12	HS1TH		4	0 - 7	
13	HS0TH		4	0 - 7	
100	PreCoast PC Signal		3	0 - 63	
101	PostCoast PC Signal		8	0 - 63	
120	PreCoast PC Video 480i		7	0 - 63	
121	PostCoast PC Video 480i		13	0 - 63	
122	PreCoast PC Video 575i		7	0 - 63	
123	PostCoast PC Video 575i		13	0 - 63	
124	PreCoast PC Video 480p		7	0 - 63	
125	PostCoast PC Video 480p		13	0 - 63	
126	PreCoast PC Video 575p		7	0 - 63	
127	PostCoast PC Video 575p		13	0 - 63	
128	PreCoast PC Video 720p 60Hz		7	0 - 63	
129	PostCoast PC Video 720p 60Hz		13	0 - 63	
130	PreCoast PC Video 720p 50Hz		7	0 - 63	
131	PostCoast PC Video 720p 50Hz		13	0 - 63	
132	PreCoast PC Video 1080i 60Hz		7	0 - 63	
133	PostCoast PC Video 1080i 60Hz		13	0 - 63	
134	PreCoast PC Video 1080i 50Hz		7	0 - 63	
135	PostCoast PC Video 1080i 50Hz		13	0 - 63	
136	PreCoast PC Video 1035i		7	0 - 63	
137	PostCoast PC Video 1035i		13	0 - 63	
138	PreCoast PC Video 1080p 60Hz		7	0 - 63	
139	PostCoast PC Video 1080p 60Hz		13	0 - 63	
140	PreCoast PC Video 1080p 50Hz		7	0 - 63	
141	PostCoast PC Video 1080p 50Hz		13	0 - 63	
142	PreCoast PC Video 1080p 30Hz		7	0 - 63	
143	PostCoast PC Video 1080p 30Hz		13	0 - 63	
144	PreCoast PC Video 1080p 25Hz		7	0 - 63	
145	PostCoast PC Video 1080p 25Hz		13	0 - 63	
146	PreCoast PC Video 1080p 24Hz		7	0 - 63	
147	PostCoast PC Video 1080p 24Hz		13	0 - 63	

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
150	PreCoast YCbCr 480i		7	0 - 63	
151	PostCoast YCbCr 480i		13	0 - 63	
152	PreCoast YCbCr 575i		7	0 - 63	
153	PostCoast YCbCr 575i		13	0 - 63	
154	PreCoast YCbCr 480p		7	0 - 63	
155	PostCoast YCbCr 480p		13	0 - 63	
156	PreCoast YCbCr 575p		7	0 - 63	
157	PostCoast YCbCr 575p		13	0 - 63	
158	PreCoast YCbCr 720p 60Hz		7	0 - 63	
159	PostCoast YCbCr 720p 60Hz		13	0 - 63	
160	PreCoast YCbCr 720p 50Hz		7	0 - 63	
161	PostCoast YCbCr 720p 50Hz		13	0 - 63	
162	PreCoast YCbCr 1080i 60Hz		7	0 - 63	
163	PostCoast YCbCr 1080i 60Hz		13	0 - 63	
164	PreCoast YCbCr 1080i 50Hz		7	0 - 63	
165	PostCoast YCbCr 1080i 50Hz		13	0 - 63	
166	PreCoast YCbCr 1035i		7	0 - 63	
167	PostCoast YCbCr 1035i		13	0 - 63	
180	PreCoast SCART 480i		7	0 - 63	
181	PostCoast SCART 480i		13	0 - 63	
182	PreCoast SCART 575i		7	0 - 63	
183	PostCoast SCART 575i		13	0 - 63	
Group 10	Sync Processor				
0	SYNCAMPHLCKTOLOW	Minimum sync amplitude threshold for HLCK 1 to 0 transition	0x1000	0 - 9999	
1	SYNCAMPHLCKTOHI	Minimum sync amplitude threshold for HLCK 0 to 1 transition	0x700	0 - 9999	
Group 20	Video Decoder *R : Read Only Value				
0	Y Level	Composite / S-Video - Y Level (ADC RGB Gain)	10 / 10	0 - 255	Composite / S-Video * Gain Adjustment [Video]
1	C Level	Composite / S-Video - C Level (ADC Saturation)	115 / 115	0 - 255	Composite / S-Video
2					
3	XCXL Level	Cross-Chroma, Cross-Luma Level	3	0 - 5	
4	C2DNBANDWIDTH	Comb 2D Narrow Bandwidth	3 / 3	0 - 3	NTSC/PAL
5	C2DWBANDWIDTH	Comb 2D Wide Bandwidth	4 / 4	0 - 7	NTSC/PAL
6	C2DCNMINLEAK	Comb 2D Chroma Narrow Band Minimum Leakage	0 / 3	0 - 3	Left Values are adjustable if CXCL Level = 5.
7	C2DCNSLOPELEAK	Comb 2D Narrow Band Slope Leakage	7 / 7	0 - 7	NTSC/PAL
8	C2DCWMINLEAK	Comb 2D Wide Band Minimum Leakage	1 / 3	0 - 3	NTSC/PAL
9	C2DCWSLOPELEAK	Comb 2D CW Slope Leakage	6 / 6	0 - 7	NTSC/PAL
10	COMBLEAK2BPGAIN	Comb Leak To Ban Pass Gain	1 / 0	0 - 3	NTSC/PAL
11	C2DBDIAGONALGAIN	Comb 2D Band Pass Diagonal Gain	1 / 3	0 - 3	NTSC/PAL
12	C2DNBCWBCLGAIN	Comb 2D Narrow Band Comb Wide Band Comb	1 / 1	0 - 3	NTSC/PAL
13	RLUMASETUP-Enable	7.5IRE Setup Enable	0	0 - 1	Effective only NTSC Signal
Group 40	General				
0	IP Mode	Sets for IP Off	1	0 - 1	0: IP Block not used 1: IP OFF used with IP Block
1	3:2 PullDown Mode		1	1 - 3	bit0 : Global Motion bit1 : Video Motion
2	Detect Film Mode Enable		0	0 - 2	0 : 2:3pull down & 2:2pull down 1 : 2:3pull down 2 : 2:2pull down
3	Force IP Mode		2	0 - 2	0 : IP Process Disable 1 : Force Normal IP Mode 2 : Force Film Mode Effective only for PSF Signal.
Group 41	Deinterlacer setting Effective only for Progressive ON-L1 mode.				

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
0	Motion Adaptive Weight Value	<KDEINT>	60	0 - 255	
1	Angle Interpolation Level	0 : Conservative <====> 4 : Aggressive	4	0 - 4	
2	CUE Low Pass Filter Enable	<CUELPFEN>	0	0 - 1	
Group 42	Deinterlacer setting Effective only for Progressive ON-L2 mode.				
0	Motion Adaptive Weight Value	<KDEINT>	0	0 - 255	
1	Angle Interpolation Level	0 : Conservative <====> 4 : Aggressive	2	0 - 4	
2	CUE Low Pass Filter Enable	<CUELPFEN>	0	0 - 1	
Group 43	Deinterlacer setting Effective only for Progressive ON/Film mode.				
0	Motion Adaptive Weight Value	<KDEINT>	30	0 - 255	
1	Angle Interpolation Level	0 : Conservative <====> 4 : Aggressive	4	0 - 4	
2	CUE Low Pass Filter Enable	<CUELPFEN>	0	0 - 1	
Group 45	Noise Reduction (Time) Effective only for N.R - Off				
0	Noise Pixel Range	<NSRANGEY> / <NSRANGEUV>	1	0 - 2	
1	Noise Region 0	<NSREGIONY0> / <NSREGIONUV0>	12	0 - 1023	
2	Noise Region 1	<NSREGIONY1> / <NSREGIONUV1>	24	0 - 1023	
3	Noise Region 2	<NSREGIONY2> / <NSREGIONUV2>	40	0 - 1023	
4	Noise Gain Level	<NSFILTERY**> / <NSFILTERUV**>	0	0 - 255	
Group 47	Noise Reduction (Time) Effective only for N.R L1				
0	Noise Pixel Range	<NSRANGEY> / <NSRANGEUV>	1	0 - 2	
1	Noise Region 0	<NSREGIONY0> / <NSREGIONUV0>	12	0 - 1023	
2	Noise Region 1	<NSREGIONY1> / <NSREGIONUV1>	24	0 - 1023	
3	Noise Region 2	<NSREGIONY2> / <NSREGIONUV2>	40	0 - 1023	
4	Noise Gain Level	<NSFILTERY**> / <NSFILTERUV**>	50	0 - 255	
Group 49	Noise Reduction (Time) Effective only for N.R L2				
0	Noise Pixel Range	<NSRANGEY> / <NSRANGEUV>	1	0 - 2	
1	Noise Region 0	<NSREGIONY0> / <NSREGIONUV0>	12	0 - 1023	
2	Noise Region 1	<NSREGIONY1> / <NSREGIONUV1>	24	0 - 1023	
3	Noise Region 2	<NSREGIONY2> / <NSREGIONUV2>	40	0 - 1023	
4	Noise Gain Level	<NSFILTERY**> / <NSFILTERUV**>	100	0 - 255	
Group 50	2:2pull down setting				
0	22Film Mode Sensitivity	Film Detection Sensitivity <FILMSTVT22>	4	1 - 5	
1	22Film Mode Threshold Low	<FILMTHRD22A>	80	0 - 32767	
2	22Film Mode Threshold High	<FILMTHRD22B>	120	0 - 32767	
3	VOFTHR13	<VOFTHR13>	124	0 - 1023	Read only
4	VOFTHR12	<VOFTHR12>	124	0 - 1023	Read only
5	VOFTHR23	<VOFTHR23>	124	0 - 1023	Read only
6	Video Motion Window Start X	<VOFSTARX>	10	0 - 2047	Range of detective for Film mode
7	Video Motion Window Stop X	<VOFSTOPX>	10	0 - 2047	Range of detective for Film mode
8	Video Motion Window Start Y	<VOFSTARY>	10	0 - 1023	Range of detective for Film mode
9	Video Motion Window Stop Y	<VOFSTOPY>	10	0 - 1023	Range of detective for Film mode
Group 51	2:3pull down setting				
0	Global Motion Sensitivity	Film Detection Sensitivity <FILMSTVT23>	4	1 - 5	

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
1	Video Motion Sensitivity	Film Detection Sensitivity <VOFSTVT>	4	1 - 5	
2	Video Motion Threshold Low	<VOFTHRDA>	120	0 - 32767	
3	Video Motion Threshold High	<VOFTHRDB>	180	0 - 32767	
4	Global Motion Threshold	<GMDTHRD>	124	0 - 1024	
5	23Film Mode Threshold	<FILMTHRD23>	100	0 - 32767	
6	Global Motion Window Start X	<GMDSTARX>	10	0 - 2047	Range of detective for Film mode
7	Global Motion Window Stop X	<GMDSTOPX>	10	0 - 2047	Range of detective for Film mode
8	Global Motion Window Start Y	<GMDSTARY>	10	0 - 1023	Range of detective for Film mode
9	Global Motion Window Stop Y	<GMDSTOPY>	10	0 - 1023	Range of detective for Film mode
Group 60	Image				
0	Center Contrast		512/556/534/534/492/492	0 - 1023	Video(S-Video) / Component / SCART / ANALOG / DIGITAL / HDCP Setting Value= (MENU Value - MENU Center Value) x Alpha / 10 + Center [Setting Value to PW] Contrast [Max] 1023 [Min] 0 Brightness [Max] 1023 [Min] 0 Color [Max] 1023 [Min] 0 Tint [Max] 180 [Min] 0 Sharpness [Max] 57 [Min] 0
1	Center Brightness		512/480/512/500/512/512	0 - 1023	
2	Center Color		512/534/512/512/512/512	0 - 1023	
3	Center Tint		90/90/90/90/90/90	0-180	
4	Center Sharpness		16/16/16/16/16/16	16	
5	Alpha Contrast		40/40/40/40/40/40	0-1000	
6	Alpha Brightness		115/115/115/115/115	0-1000	
7	Alpha Color		70/70/70/70/70/70	0-1000	
8	Alpha Tint		10/10/10/10/10/10	0-1000	
9	Alpha Sharpness		10/10/10/10/10/10	0-1000	
Group 100	Panel Service				
0	G-SubGain		2048/2068/1960/1960/2048/2068/1960/1960	0-4095	PCStandard/PCDynamic/PCReal/PCBlackBoard/AVStandard/AVDynamic/AVCinema/AVBlackBoard
1	R-SubGain		2048/2068/1960/1960/2048/2068/1960/1960	0-4095	
2	B-SubGain		2048/2068/1960/1960/2048/2068/1960/1960	0-4095	
3	G-SubBright		0/0/0/40/0/0/0/40	0-4095	PCStandard/PCDynamic/PCReal/PCBlackBoard/AVStandard/AVDynamic/AVCinema/AVBlackBoard
4	R-SubBright		0/0/0/40/0/0/0/40	0-4095	
5	B-SubBright		0/0/0/40/0/0/0/40	0-4095	
6	G-GammaShift		0/0	0-4095	PC/AV Center=512 [R] and [B] are linked with [G]
7	R-GammaShift		0/0	0-4095	
8	B-GammaShift		0/0	0-4095	
9	G-ReferH		3688/3688	0-4095	[R] and [B] are linked with [G] Scan Direction (Front/Rear)
10	G-ReferL		882/882	0-4095	[R] and [B] are linked with [G] Scan Direction (Front/Rear)
11	R-ReferH		3688/3688	0-4095	Scan Direction (Front/Rear)
12	R-ReferL		882/882	0-4095	Scan Direction (Front/Rear)
13	B-ReferH		3688/3688	0-4095	Scan Direction (Front/Rear)
14	B-ReferL		882/882	0-4095	Scan Direction (Front/Rear)
15	DXOutR		246	0-1023	
16	DXOutG		246	0-1023	
17	DXOutB		246	0-1023	
18	H_Change_Pos		26	0-255	
19	SH_Base		273	0-4095	
20	NRG_Pos		37	0-127	
21	NRG_Width		37	0-255	
22	OSD_Pos		2	0-3	
23	OSD_Ptn		0	0-9	
24	GammaCtrl		1	0-1	
25	REF_GatePos		10	0-1023	
26	REF_GateDur		140	0-1023	
27	R-BasePos		8	0-15	
28	G-BasePos		8	0-15	
29	B-BasePos		8	0-15	
30	RGB-Adjust		0	0-7	
31	RGB-AdjLv		0	0-4095	Operation STEP=256[0<->256<->512<->768<->1023]
32	LineR0		0	0-1023	(MIN<->MAX Cyclic Operation)

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
33	LineR1		0	0-1023	(MIN<-->MAX Cyclic Operation)
34	LineR2		0	0-1023	(MIN<-->MAX Cyclic Operation)
35	LineR3		0	0-1023	(MIN<-->MAX Cyclic Operation)
36	LineR4		0	0-1023	(MIN<-->MAX Cyclic Operation)
37	LineG0		0	0-1023	(MIN<-->MAX Cyclic Operation)
38	LineG1		0	0-1023	(MIN<-->MAX Cyclic Operation)
39	LineG2		0	0-1023	(MIN<-->MAX Cyclic Operation)
40	LineG3		0	0-1023	(MIN<-->MAX Cyclic Operation)
41	LineG4		0	0-1023	(MIN<-->MAX Cyclic Operation)
42	LineB0		0	0-1023	(MIN<-->MAX Cyclic Operation)
43	LineB1		0	0-1023	(MIN<-->MAX Cyclic Operation)
44	LineB2		0	0-1023	(MIN<-->MAX Cyclic Operation)
45	LineB3		0	0-1023	(MIN<-->MAX Cyclic Operation)
46	LineB4		0	0-1023	(MIN<-->MAX Cyclic Operation)
47	GhostR-Pos		8	0-31	
48	GhostG-Pos		8	0-31	
49	GhostB-Pos		8	0-31	
50	GhostR-Cent		1	0-2047	
51	GhostR-Start		127	0-255	
52	GhostR-End		128	0-255	
53	GhostG-Cent		1	0-2047	
54	GhostG-Start		127	0-255	
55	GhostG-End		128	0-255	
56	GhostB-Cent		1	0-2047	
57	GhostB-Start		127	0-255	
58	GhostB-End		128	0-255	
59	BlockR1		0	0-2047	(MIN<-->MAX Cyclic Operation)
60	BlockG1		0	0-2047	(MIN<-->MAX Cyclic Operation)
61	BlockB1		0	0-2047	(MIN<-->MAX Cyclic Operation)
62	BlockR2		0	0-2047	(MIN<-->MAX Cyclic Operation)
63	BlockG2		0	0-2047	(MIN<-->MAX Cyclic Operation)
64	BlockB2		0	0-2047	(MIN<-->MAX Cyclic Operation)
65	ReverceR		0	0-2047	(MIN<-->MAX Cyclic Operation)
66	ReverceG		0	0-2047	(MIN<-->MAX Cyclic Operation)
67	ReverceB		0	0-2047	(MIN<-->MAX Cyclic Operation)
68	BackCrossR-Cent		0	0-2047	
69	BackCrossR-Start		128	0-255	
70	BackCrossR-End		128	0-255	
71	BackCrossG-Cent		0	0-2047	
72	BackCrossG-Start		128	0-255	
73	BackCrossG-End		128	0-255	
74	BackCrossBR-Cent		0	0-2047	
75	BackCrossB-Start		128	0-255	
76	BackCrossB-End		128	0-255	
77	ColshdSelect		1	0-1	
78	R-Min		276	0-1023	
79	R-Mid2		437	0-1023	
80	R-Mid1		568	0-1023	
81	R-Max		676	0-1023	
82	G-Min		276	0-1023	
83	G-Mid2		437	0-1023	
84	G-Mid1		568	0-1023	
85	G-Max		676	0-1023	
86	B-Min		276	0-1023	
87	B-Mid2		437	0-1023	
88	B-Mid1		568	0-1023	
89	B-Max		676	0-1023	
90	H-OutPos		108	0-2047	
91	OutAreaLv		0	0-1023	
92	FlickerAdj		0	0/2	not used
93	FRC_Bit		3	0-3	
94	FrontCTalkR-Cent		2047	0-2047	
95	FrontCTalkR-Start		128	0-255	
96	FrontCTalkR-End		128	0-255	
97	FrontCTalkG-Cent		2047	0-2047	
98	FrontCTalkG-Start		128	0-255	
99	FrontCTalkG-End		128	0-255	
100	FrontCTalkB-Cent		2047	0-2047	
101	FrontCTalkB-Start		128	0-255	

Electrical Adjustments

Group/ Item	Item Name	Function	Initial	Range	Note
102	FrontCTalkB-End		128	0-255	
103	R-DCOffset-NGain		0	0-1023	Scan Direction (Front/Rear)
104	R-DCOffset-N1		0	0-2047	Scan Direction (Front/Rear)
105	R-DCOffset-N2		0	0-2047	Scan Direction (Front/Rear)
106	R-DCOffset-N3		0	0-2047	Scan Direction (Front/Rear)
107	R-DCOffset-N4		0	0-2047	Scan Direction (Front/Rear)
108	R-DCOffset-N5		0	0-2047	Scan Direction (Front/Rear)
109	R-DCOffset-N6		0	0-2047	Scan Direction (Front/Rear)
110	R-DCOffset-N7		0	0-2047	Scan Direction (Front/Rear)
111	R-DCOffset-N8		0	0-2047	Scan Direction (Front/Rear)
112	R-DCOffset-N9		0	0-2047	Scan Direction (Front/Rear)
113	R-DCOffset-N10		0	0-2047	Scan Direction (Front/Rear)
114	R-DCOffset-N11		0	0-2047	Scan Direction (Front/Rear)
115	R-DCOffset-N12		0	0-2047	Scan Direction (Front/Rear)
116	G-DCOffset-NGain		0	0-1023	Scan Direction (Front/Rear)
117	G-DCOffset-N1		0	0-2047	Scan Direction (Front/Rear)
118	G-DCOffset-N2		0	0-2047	Scan Direction (Front/Rear)
119	G-DCOffset-N3		0	0-2047	Scan Direction (Front/Rear)
120	G-DCOffset-N4		0	0-2047	Scan Direction (Front/Rear)
121	G-DCOffset-N5		0	0-2047	Scan Direction (Front/Rear)
122	G-DCOffset-N6		0	0-2047	Scan Direction (Front/Rear)
123	G-DCOffset-N7		0	0-2047	Scan Direction (Front/Rear)
124	G-DCOffset-N8		0	0-2047	Scan Direction (Front/Rear)
125	G-DCOffset-N9		0	0-2047	Scan Direction (Front/Rear)
126	G-DCOffset-N10		0	0-2047	Scan Direction (Front/Rear)
127	G-DCOffset-N11		0	0-2047	Scan Direction (Front/Rear)
128	G-DCOffset-N12		0	0-2047	Scan Direction (Front/Rear)
129	B-DCOffset-NGain		0	0-1023	Scan Direction (Front/Rear)
130	B-DCOffset-N1		0	0-2047	Scan Direction (Front/Rear)
131	B-DCOffset-N2		0	0-2047	Scan Direction (Front/Rear)
132	B-DCOffset-N3		0	0-2047	Scan Direction (Front/Rear)
133	B-DCOffset-N4		0	0-2047	Scan Direction (Front/Rear)
134	B-DCOffset-N5		0	0-2047	Scan Direction (Front/Rear)
135	B-DCOffset-N6		0	0-2047	Scan Direction (Front/Rear)
136	B-DCOffset-N7		0	0-2047	Scan Direction (Front/Rear)
137	B-DCOffset-N8		0	0-2047	Scan Direction (Front/Rear)
138	B-DCOffset-N9		0	0-2047	Scan Direction (Front/Rear)
139	B-DCOffset-N10		0	0-2047	Scan Direction (Front/Rear)
140	B-DCOffset-N11		0	0-2047	Scan Direction (Front/Rear)
141	B-DCOffset-N12		0	0-2047	Scan Direction (Front/Rear)
142	R-DCOffset-PGain		0	0-1023	Scan Direction (Front/Rear)
143	R-DCOffset-P1		0	0-2047	Scan Direction (Front/Rear)
144	R-DCOffset-P2		0	0-2047	Scan Direction (Front/Rear)
145	R-DCOffset-P3		0	0-2047	Scan Direction (Front/Rear)
146	R-DCOffset-P4		0	0-2047	Scan Direction (Front/Rear)
147	R-DCOffset-P5		0	0-2047	Scan Direction (Front/Rear)
148	R-DCOffset-P6		0	0-2047	Scan Direction (Front/Rear)
149	R-DCOffset-P7		0	0-2047	Scan Direction (Front/Rear)
150	R-DCOffset-P8		0	0-2047	Scan Direction (Front/Rear)
151	R-DCOffset-P9		0	0-2047	Scan Direction (Front/Rear)
152	R-DCOffset-P10		0	0-2047	Scan Direction (Front/Rear)
153	R-DCOffset-P11		0	0-2047	Scan Direction (Front/Rear)
154	R-DCOffset-P12		0	0-2047	Scan Direction (Front/Rear)
155	G-DCOffset-PGain		0	0-1023	Scan Direction (Front/Rear)
156	G-DCOffset-P1		0	0-2047	Scan Direction (Front/Rear)
157	G-DCOffset-P2		0	0-2047	Scan Direction (Front/Rear)
158	G-DCOffset-P3		0	0-2047	Scan Direction (Front/Rear)
159	G-DCOffset-P4		0	0-2047	Scan Direction (Front/Rear)
160	G-DCOffset-P5		0	0-2047	Scan Direction (Front/Rear)
161	G-DCOffset-P6		0	0-2047	Scan Direction (Front/Rear)
162	G-DCOffset-P7		0	0-2047	Scan Direction (Front/Rear)
163	G-DCOffset-P8		0	0-2047	Scan Direction (Front/Rear)
164	G-DCOffset-P9		0	0-2047	Scan Direction (Front/Rear)
165	G-DCOffset-P10		0	0-2047	Scan Direction (Front/Rear)
166	G-DCOffset-P11		0	0-2047	Scan Direction (Front/Rear)
167	G-DCOffset-P12		0	0-2047	Scan Direction (Front/Rear)
168	B-DCOffset-PGain		0	0-1023	Scan Direction (Front/Rear)
169	B-DCOffset-P1		0	0-2047	Scan Direction (Front/Rear)
170	B-DCOffset-P2		0	0-2047	Scan Direction (Front/Rear)

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
171	B-DCOffset-P3		0	0-2047	Scan Direction (Front/Rear)
172	B-DCOffset-P4		0	0-2047	Scan Direction (Front/Rear)
173	B-DCOffset-P5		0	0-2047	Scan Direction (Front/Rear)
174	B-DCOffset-P6		0	0-2047	Scan Direction (Front/Rear)
175	B-DCOffset-P7		0	0-2047	Scan Direction (Front/Rear)
176	B-DCOffset-P8		0	0-2047	Scan Direction (Front/Rear)
177	B-DCOffset-P9		0	0-2047	Scan Direction (Front/Rear)
178	B-DCOffset-P10		0	0-2047	Scan Direction (Front/Rear)
179	B-DCOffset-P11		0	0-2047	Scan Direction (Front/Rear)
180	B-DCOffset-P12		0	0-2047	Scan Direction (Front/Rear)
181	ENBX-R		0	0-127	
182	ENBX-G		0	0-127	
183	ENBX-B		0	0-127	
184	DXOutPos		0	0-1	
185	R_V_INPUT_SETP_0		22	0-1023	
186	R_V_INPUT_SETP_512		18	0-1023	
187	R_V_INPUT_SETP_1024		14	0-1023	
188	R_V_INPUT_SETP_1536		11	0-1023	
189	R_V_INPUT_SETP_2048		8	0-1023	
190	R_V_INPUT_SETP_2560		4	0-1023	
191	R_V_INPUT_SETP_3072		0	0-1023	
192	R_V_INPUT_SETP_3584		0	0-1023	
193	R_V_INPUT_SETP_4096		0	0-1023	
194	G_V_INPUT_SETP_0		22	0-1023	
195	G_V_INPUT_SETP_512		18	0-1023	
196	G_V_INPUT_SETP_1024		14	0-1023	
197	G_V_INPUT_SETP_1536		11	0-1023	
198	G_V_INPUT_SETP_2048		8	0-1023	
199	G_V_INPUT_SETP_2560		4	0-1023	
200	G_V_INPUT_SETP_3072		0	0-1023	
201	G_V_INPUT_SETP_3584		0	0-1023	
202	G_V_INPUT_SETP_4096		0	0-1023	
203	B_V_INPUT_SETP_0		22	0-1023	
204	B_V_INPUT_SETP_512		18	0-1023	
205	B_V_INPUT_SETP_1024		14	0-1023	
206	B_V_INPUT_SETP_1536		11	0-1023	
207	B_V_INPUT_SETP_2048		8	0-1023	
208	B_V_INPUT_SETP_2560		4	0-1023	
209	B_V_INPUT_SETP_3072		0	0-1023	
210	B_V_INPUT_SETP_3584		0	0-1023	
211	B_V_INPUT_SETP_4096		0	0-1023	
212	FRPPOL		84	0-4095	
213	FRP_POS		24	0-255	
214	SWAP		1285	0-2047	
215	PRE_COLSHD_SEL		0	0-255	
216	HSYNC_FOLLOW		1	0-1	
217	DELAY_HSYNC		0	0-2047	
218	DELAY_VSYNC		16	0-255	
219	VSYNC_FOLLOW		0	0-1	
220	BLANK_RCENTER		0	0-2047	
221	BLANK_RSTART		128	0-255	
222	BLANK_REND		128	0-255	
223	BLANK_GCENTER		0	0-2047	
224	BLANK_GSTART		128	0-255	
225	BLANK_GEND		128	0-255	
226	BLANK_BCENTER		0	0-2047	
227	BLANK_BSTART		128	0-255	
228	BLANK_BEND		128	0-255	
229	Output limit R		4095	0-4095	
230	Output limit G		4095	0-4095	
231	Output limit B		4095	0-4095	
232	CROSSTALK_COEF_R		1023	0-1023	
233	CROSSTALK_COEF_G		1023	0-1023	
234	CROSSTALK_COEF_B		1023	0-1023	
235	LCCON_ENABL		0	0-1	
Group101 : Panel Service(6150/1060)					
0	R-LCCOM		345	0-511	
1	G-LCCOM		345	0-511	

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
2	B-LCCOM		345	0-511	
3	R-LCCOM-Gain		189	0-255	
4	G-LCCOM-Gain		189	0-255	
5	B-LCCOM-Gain		189	0-255	
6	R-LCCOM-Bright		0	0-255	
7	G-LCCOM-Bright		0	0-255	
8	B-LCCOM-Bright		0	0-255	
9	R-LCCOM-Cent		16	0-63	
10	G-LCCOM-Cent		16	0-63	
11	B-LCCOM-Cent		16	0-63	
12	R-ENBX-PW		11	0-127	
13	G-ENBX-PW		11	0-127	
14	B-ENBX-PW		11	0-127	
15	R-DXIN		8	0-255	Link with No.18
16	G-DXIN		8	0-255	Link with No.19
17	B-DXIN		8	0-255	Link with No.20
18	R-CLXIN		8	0-255	Link with No.15
19	G-CLXIN		8	0-255	Link with No.16
20	B-CLXIN		8	0-255	Link with No.17
21	R-ENBX1IN		2	0-255	
22	G-ENBX1IN		2	0-255	
23	B-ENBX1IN		2	0-255	
Group102 : Auto Keystone Setup Value					
0	OFFSET		0	-1056 - 1056	
1	OFFSET SWITCH		0	0 - 1	
2	DEBUG MODE		0	0 - 1	
3	SERVICE CALIBRATION		0	0 - 1	
4	LOCK COUNT		5	1 - 255	
5	DELT VERT RESULT		64	1 - 255	
6	ANGLE 1 COUNT		1	1 - 10	
7	ANGLE 2 COUNT		5	1 - 10	
8	BLIND SECTOR 1		160	0 - 1024	
9	BLIND SECTOR 3		32	0 - 1024	
10	BLIND SECTOR BIAS		61	0 - 1024	
Group 200					
	Option				
0	Logo Prohibition (Forced No Brand)	Logo Prohibition (0: Menu, 1: Forced, 2: China, 3-9: not used)	0	0 - 2	Effective after AC On
1	RS232C Baudrate	Baud Rate	0	0 - 2	0: 19200bps, 1: 9600bps, 2: 115200bps
2	PJLink Enable	PJLink	0	0 - 1	0: Disable 1: Enable
3	Shipping Setting		0	0 - 20	Default set when the value is set to 10
4	CABLE SW	Long Cable	0	0 - 10	0: Disable, 1: Enable
5	PW Debug Command Enable		0	0 - 1	0:Disable (Serial Command Enable) 1: Enable (PW Debug Mode)
6	Device Refresh Disable		0	0 - 1	0:Enable, 1:Disable No last memory
7	Device Access Disable		0	0 - 1	0:Enable (Normal), 1:Disable No last memory
20	Projector Time Reset		0	0 - 20	Projector Time is cleared when the value is set to 10
21	Lamp Warning Time (NORMAL)	Lamp Life at Normal Mode (Warning Time at Normal)		500 - 8000	
22	Lamp Warning Time (ECO)	Lamp Life at Eco Mode (Warning Time at Eco)		500 - 8000	
23	Lamp Warning Time (HIGH)	Lamp Life at High Mode (Warning Time at High)		500 - 8000	
30	Lamp life test enable				0:Disable 1:Enable, for safety test only
31	Lmap On time(for life test)	For test purpose			
32	Lamp Off time(for life test)	For test purpose			
33	Lamp total time(for life test)	For test purpose			
40	PreScaler		n/a	0-255	n/a
41	Htime		n/a	0-65535	n/a
50	Lamp Replacement Display	Lamp Warning Display On / Off	1	0 - 1	1: On, 0: Off
51	Filter Warning Display	Filter Warning Display On / Off	1	0 - 1	1: On, 0: Off
52	Lamp Counter reset Times	Reset Times of Lamp Counter	0	0 - 255	Read only
54	Factory Default Execute Times	Reset times of Fanctory Default	0	0 - 255	Read only

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
55	Motor Disable	Motors Disable	0	0 - 1	0: On, 1: Off
56	Menu Position	Move menu (X axis)	0	0 - 1024	
57	Menu Position	Move menu (Y axis)	0	0 - 1024	
58	Lamp Go Out		n/a	0 - 1	
59	Source Search Enable	Source Search Enable	1	0-1	
60	Language Default setting	0:English(Default) 1:Japanese	0	0-1	Set default language
Group 201	Option (signal)				
0	FrameLock Option		1	0 - 1	0: FrameLockOFF at PC signal 1: FrameLockON at PC signal and 47Hz (Vfreq) ~ Panel frequency of input signal
2	Field Sense Invert Enable		0	0 - 1	Reverse Processing of FLDINVSetting Value 0: Disable - Used FLDINV Setting Value 1: Enable - Used Reversed FLDINV Setting Value
3					
4	Sub Image Enable		1	0 - 1	0:Disable (Service Adjustment Dsiable, Used all the Center Values 1:Enable (Service Adjustment Enable)
6	Zoom Accelerator Enable		0	0 - 1	0:Zoom Accelerator OFF, 1:Zoom Accelerator ON No last memory
7	DZoom Reset by Keystone		0	0 - 1	0:Enable (Normal), 1:Disable (Dzoo is not cancelled even if Keystone is cancelled) No last memory
8	Stability Count	Count Value of V-missing	5	0 - 255	
9	Sensivity for Signal Lost (HSYNC)	Only used this value for No Signal Judgement(Hz)	350	0 - 65535	
10	Sensivity for Signal Lost (VSYNC)	Only used this value for No Signal Judgement(Line)	3	0 - 255	
11	Keystone Filter Center Value	Reference Value	16	0 - 30	
Group 202	Option (MCI model only)				
0	Memory Viewer OSD	Memory Viewer OSD Display (1: Yes, 0: No)	1	0 - 1	
Group 210	LampContorl				
0	DIMMER_CTRL_LEVEL1	Luminance Level 1 Data for Dimmer: Dim Level 1 at the less than the Value		0 - 255	
1	DIMMER_CTRL_LEVEL2	Luminance Level 2 Data for Dimmer: Dim Level 2 at the less than the Value		0 - 255	
2	DIMMER_CTRL_LEVEL3	Luminance Level 3 Data for Dimmer: Dim Level 3 at the less than the Value		0 - 255	
3	DIMMER_CTRL_LEVEL4	Luminance Level 4 Data for Dimmer: Dim Level 4 at the less than the Value		0 - 255	
4	DIMMER_CTRL_LEVEL5	Luminance Level 5 Data for Dimmer: Dim Level 5 at the less than the Value		0 - 255	
5	DIMMER_CTRL_LEVEL6	Luminance Level 6 Data for Dimmer: Dim Level 6 at the less than the Value		0 - 255	
6	DIMMER_CTRL_LEVEL7	Luminance Level 7 Data for Dimmer: Dim Level 7 at the less than the Value		0 - 255	
7	DIMMER_CTRL_LEVEL8	Luminance Level 8 Data for Dimmer: Dim Level 8 at the less than the Value		0 - 255	
8	DIMMER_CTRL_LEVEL9	Luminance Level 9 Data for Dimmer: Dim Level 9 at the less than the Value		0 - 255	
9	DIMMER_CTRL_LEVEL10	Luminance Level 10 Data for Dimmer: Dim Level 10 at the less than the Value		0 - 255	
10	DIMMER_CTRL_LEVEL11	Luminance Level 11 Data for Dimmer: Dim Level 11 at the less than the Value		0 - 255	
11	DIMMER_CTRL_LEVEL12	Luminance Level 12 Data for Dimmer: Dim Level 12 at the less than the Value		0 - 255	
12	DIMMER_CTRL_LEVEL13	Luminance Level 13 Data for Dimmer: Dim Level 13 at the less than the Value		0 - 255	

Electrical Adjustments

Group/Item	Item Name	Function	Initial				Range	Note
13	DIMMER_CTRL_LEVEL14	Luminance Level 14 Data for Dimmer: Dim Level 14 at the less than the Value					0 - 255	
14	DIMMER_CTRL_LEVEL15	Luminance Level 15 Data for Dimmer: Dim Level 15 at the less than the Value					0 - 255	
15	DIMMER_AVERAGE_POINT	Luminance Data Avarage Point for Mimmer					0 - 16	
16	DIMMER_AVERAGE_DATA	Luminance Data Avarage Value for Dimmer					-	* Read only
17	DIMMER_LEVEL_AUTO	Current Dimmer Leverl					-	* Read only
18	DIMMER_LEVEL_NORMAL	Normal Dimmer Level					0 - 15	
19	DIMMER_LEVEL_ECO	Eco Dimmer Level					0 - 15	
20	Lamp check enable							0: Lamp Failure Detection OFF (White 50% Back), 1 : ON (Blue 100% Back)
21	VOLTAGE_LEVEL	Lamp Voltage						Unit: 8bit(Raw Data) * Read only
22	DIMMER_LEVEL_HIGH	Dimmer level High					0 - 15	
Group 231	VBI Slice Level							
0	Generic Initial Slicing Level	PW190 register 0xE344	0x34				0-255	
1	Generic High Level Threshold	PW190 register 0xE345	-				0-255	
2	Generic Low Level Threshold	PW190 register 0xE346	-				0-255	
3	Generic Minimum Low Level	PW190 register 0xE344	0x30				0-255	
4	Generic mAXIMUM high Level	PW190 register 0xE348	0xe0				0-255	
							0-255	
Group 250	FAN Control							
0	FAN1 MIN ADJUST (DAC)	DAC Output for Fan Adjust the tolerance of DAC and Fan Volage. * Lamp mode is forced Eco	10				0 - 255	
1	FAN1 MAX ADJUST (DAC)		225				0 - 255	
2	FAN2 MIN ADJUST (DAC)		10				0 - 255	
3	FAN2 MAX ADJUST (DAC)		225				0 - 255	
4	FAN3 MIN ADJUST (DAC)		10				0 - 255	
5	FAN3 MAX ADJUST (DAC)		225				0 - 255	
6	Not used							
7	Not used							
Group 251								
	Not used							
Group 252	Fan Option							
0	HI-LAND SWITCH	0: Normal, 1: Hi-Land, 2-4: Hi-Land 1-3	0				0 - 5	
1	SAFETY SWITCH	For test purpose	0				0 - 6	
2	FAN MANUAL SWITCH	0: Auto, 1: Manual	0				0 - 3	
3	FAN1 MANUAL VOLTAGE	Fan Voltage (unit : 0.1V)	100				0 - 255	
4	FAN2 MANUAL VOLTAGE	Effective only when Fan Maual switch is 1	100				0 - 255	
5	FAN3 MANUAL VOLTAGE		100				0 - 255	
6	Not used							
Group 253	Fan Tem Error Setting (Memorized)		Normal	Ceiling	HiLand-Normal	HiLand-Ceiling		
0	Temp A Warning (High)	Temp. A to judge the Temp Error at High (Room)	46	46	42	39	30-100	
1	Temp B Warning (High)	Temp. B to judge the Temp Error at High (Panel)	60	60	57	54	30-100	
2	Temp C Warning (High)	Temp. C to judge the Temp Error at High (Lamp)	65	65	64	64	30-100	
3	Temp B-A Warning (High)	Temp. B-A to judge the Temp Error at High (Clogging Det.)	100	100	100	100	0-100	
4	Temp C-A Warning (High)	Temp. C-A to judge the Temp Error at High (Clogging Det.)	100	100	100	100	0-100	
5	Temp A Warning (Normal)	Temp. A to judge the Temp Error at Normal (Room)	46	46	42	46	30-100	
6	Temp B Warning (Normal)	Temp. B to judge the Temp Error at Normal (Panel)	60	61	56	54	30-100	
7	Temp C Warning (Normal)	Temp. C to judge the Temp Error at Normal (Lamp)	65	65	63	63	30-100	
8	Temp B-A Warning (Normal)	Temp. B-A to judge the Temp Error at Normal (Clogging Det.)	100	100	100	100	0-100	
9	Temp C-A Warning (Normal)	Temp. C-A to judge the Temp Error at Normal (Clogging Det.)	100	100	100	100	0-100	

Electrical Adjustments

Group/ Item	Item Name	Function	Initial				Range	Note
10	Temp A Warning (Eco)	Temp. A to judge the Temp Error at Eco (Room)	46	46	41	40	30-100	
11	Temp B Warning (Eco)	Temp. B to judge the Temp Error at Eco (Panel)	60	61	55	54	30-100	
12	Temp C Warning (Eco)	Temp. C to judge the Temp Error at Eco (Lamp)	65	64	62	62	30-100	
13	Temp B-A Warning (Eco)	Temp. B-A to judge the Temp Error at Normal (Clogging Det.)	100	100	100	100	0-100	
14	Temp C-A Warning (Eco)	Temp. C-A to judge the Temp Error at Normal (Clogging Det.)	100	100	100	100	0-100	
15	Temp A Warning Offset (Temp)	Offset of Temp Error (Temp.) Error Setting Value is increased XC at the below condition * Standby * Right to turn on the lamp *Right to change the Lamp mode	5				0-100	
16	Temp B Warning Offset (Temp)		5				0-100	
17	Temp C Warning Offset (Temp)		15				0-100	
18	Temp B-A Warning Offset (Temp)		0				0-100	
19	Temp C-A Warning Offset (Temp)		0				0-100	
20	Temp A Warning Offset (Time)	Offset of Temp Error (Minutes) Error Setting Value is increased X minute at the below condition * Standby * Right to turn on the lamp *Right to change the Lamp mode	5				0-100	
21	Temp B Warning Offset (Time)		5				0-100	
22	Temp C Warning Offset (Time)		18				0-100	
23	Temp B-A Warning Offset (Time)		1				0-100	
24	Temp C-A Warning Offset (Time)		1				0-100	
25	Factory Mode	For factor use	0				0-1	
Group 254	Fan Control Range Setting (Temp./Voltage)		Normal	Ceiling	HiLand-Normal	HiLand-Ceiling		
0	High Fan Control Min Temp	Temp Sensor Control Start/End Temp. at High	38	38	34	33	20-100	
1	High Fan Control Max Temp		43	43	40	38	20-100	
2	High Fan1 Min		95	95	115	115	0-255	
3	High Fan1 Max		135	135	135	135	0-255	
4	High Fan2 Min		85	85	130	130	0-255	
5	High Fan2 Max		130	130	130	130	0-255	
6	High Fan3 Min		75	75	80	80	0-255	
7	High Fan3 Max		77	77	90	90	0-255	
8	High Fan4 Min		9999		9999		-	
9	High Fan4 Max		9999		9999		-	
10	Normal Fan Control Min Temp	Temp Sensor Control Start/End Temp. p at Normal	38	39	35	33	20-100	
11	Normal Fan Control Max Temp		43	43	40	38	20-100	
12	Normal Fan1 Min		80	80	105	105	0-255	
13	Normal Fan1 Max		125	125	125	125	0-255	
14	Normal Fan2 Min		75	75	100	100	0-255	
15	Normal Fan2 Max		120	120	120	120	0-255	
16	Normal Fan3 Min		70	70	75	75	0-255	
17	Normal Fan3 Max		75	70	80	80	0-255	
18	Normal Fan4 Min		9999		9999		-	
19	Normal Fan4 Max		9999		9999		-	
20	Eco Fan Control Min Temp	Temp Sensor Control Start/End Temp. p at Eco	38	39	35	32	20-100	
21	Eco Fan Control Max Temp		42	43	39	38	20-100	
22	Eco Fan1 Min		60	60	95	95	0-255	
23	Eco Fan1 Max		115	115	115	115	0-255	
24	Eco Fan2 Min		70	70	90	90	0-255	
25	Eco Fan2 Max		110	110	110	110	0-255	
26	Eco Fan3 Min		53	53	58	58	0-255	
27	Eco Fan3 Max		53	53	63	63	0-255	
28	Eco Fan4 Min		9999		9999		-	
29	Eco Fan4 Max		9999		9999		-	
Group 255	Fan Start/Cooling Setting							
0	Fan1 Initial Volt	Fan Start Voltage (0.1V)	70				0-255	
1	Fan2 Initial Volt		70				0-255	
2	Fan3 Initial Volt		70				0-255	
3	Not used		9999				-	
4	Fan1 Cooling Speed	Fan Voltage at Power Off (0.1V)	130				0-255	
5	Fan2 Cooling Speed		130				0-255	
6	Fan3 Cooling Speed		130				0-255	

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
7	Not used		9999	-	
8	Cooling Time L1	Cooling Time stting at Fan Mode L1 (x 30 sec) 1: 30, 3: 90, 15: 450 sec.	2	1-15	
9	Cooling Time L2	Cooling Time stting at Fan Mode L2 (x 30 sec) 1: 30, 3: 90, 15: 450 sec.	3	1-15	
10	Temp Error Cooling Time	Cooling Time setting at Temp Erro (x 30 sec)	3	1-15	
11	OnStart Cooling Start Thresh-old		38	0-100	
12	After shutdown cooling	Cooling after shutdown (0: No, 1: Yes)	1	0-1	
Group 256 Fan Lamp Voltage Down Setting					
0	Lamp Voltage	Current Lamp Voltage (0.1V)(Read only)	-	0-255	
1	Lamp Vol Threshold	Threshold to judge Lamp Voltage Down (V×10)		30-90	
2	Fan1 Speed Gain			0-255	
3	Fan2 Speed Gain	Additional Fan Speed of Min at Lamp Voltage Down (unit: 0.1V)		0-255	
4	Fan3 Speed Gain			0-255	
5	Not used		9999	0-255	
Group 257 Fan Dimmer Setting					
0	Dimmer Average Check Period	Dimmer Avarage measurement Time (0:10sec, 1:30sec, 2:6sec, 90sec...10:300sec)	1	0-10	
1	Dimmer Average	Dimmer Avarage Value (Read only)	-		
2	Last Voltage Difference		-		
3	Voltate Difference Goal				
Group 258 Fan IC Temp for Netowrk model					
0	Standby Cooling Check Cycle	Temp A check cycle at Standby	5		
1	Standby Cooling Start Threshold	Cooling start threshold temp A	46		
2	Standby Cooling Enable	Cooling in standby Enable	1		
Group 260 Auto Calibration (Commn) * Auto Calibration					
0	Execute Calibration		0	0 - 1	Executes Auto-Calibration when changing the Value (PC White 100%)
1	Loop Count	Maximum Execution Times (OFFSET->GAIN)	10	1 - 30	
2	Auto Status	Result of Auto-Calibration (Last Memory)	0	0 / 1 / 9	0: OK, 1: Adjusting,9: Error * ReadOnly
3	AutoWait	Wait Value for each setting	1	1 - 20	
4	CHECK -Tolerance	Tolerance of OFFSET	2	1 - 255	
Group 261 Auto Calibration (RGB)					
0	OFFSET AREA H START	Black Level Acquiring Area H-Start Position	975	0 - 1000	
1	OFFSET AREA V START	Black Level Acquiring Area V-Start Position	500	0 - 1000	
2	GAIN AREA H START	White Level Acquiring Area H-Start Position	25	0 - 1000	
3	GAIN AREA V START	White Level Acquiring Area V-Start Position	500	0 - 1000	
4	Image AREA H WIDTH	Black/White Level Acquiring Area	13	0 - 4095	
5	Image AREA V HIGHT	Black/White Level Acquiring Area Height	9	0 - 4095	
6	OFFSET target	Target Value of Black Level Adj.	3	0 - 127	
7	OFFSET torelance	Torelance of Black Level Adj.	1	1 - 127	
8	GAIN target	Target Value of White Level Adj.	238	0 - 255	
9	GAIN torelance	Torelance of White Level Adj.	1	1 - 255	
Group 262 Auto Calibration (CVBS/SVIDEO)					
0	Y Image Area Start X	Y Acquiring Area H-Start Position	20	0 - 1000	
1	Y Image Area Start Y	Y Acquiring Area V-Start Position	200	0 - 1000	
6	Image Area H Width	Image Level Acquiring Area	8	0 - 4095	

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
7	Image Area V Hight	Image Level Acquiring Area Height	9	0 - 4095	
8	Y Target Level	Target Value of Y Level Adj.	217	0 - 255	
11	Gain Tolerance	Tolerance of Level Adj.	1	0 - 255	
12	Delta Gain	Deviation Width of Gain Value	9	0 - 255	
Group 264	Auto Calibration (YCbCr)				
0	Y-OFFSET AREA H START	Y - Offset Acquiring Area H-Start Position	925	0 - 1000	
1	Y-OFFSET AREA V START	Y - Offset Acquiring Area V-Start Position	500	0 - 1000	
2	CB - OFFSET AREA H START	CB - Offset Acquiring Area H-Start Position	925	0 - 1000	If not used: use Y's value
3	CB - OFFSET AREA V START	CB - Offset Acquiring Area V-Start Position	500	0 - 1000	If not used: use Y's value
4	CR - OFFSET AREA H START	CR - Offset Acquiring Area H-Start Position	925	0 - 1000	If not used: use Y's value
5	CR - OFFSET AREA V START	CR - Offset Acquiring Area V-Start Position	500	0 - 1000	If not used: use Y's value
6	Y - GAIN AREA H START	Y	50	0 - 1000	
7	Y - GAIN AREA V START		500	0 - 1000	
8	CB - GAIN AREA H START		800	0 - 1000	
9	CB - GAIN AREA V START		500	0 - 1000	
10	CR - GAIN AREA H START		700	0 - 1000	
11	CR - GAIN AREA V START		500	0 - 1000	
12	Image AREA H WIDTH	YCBCR Level Acquiring Area	8	0 - 4095	
13	Image AREA V HIGHT	YCBCR Level Acquiring Area Height	9	0 - 4095	
14	Y - OFFSET TARTGET		4	0 - 255	
15	CB OFFSET TARGET		128	0 - 255	
16	CR OFFSET TARGET		128	0 - 255	
17	Y - GAIN TARGET		217	0 - 255	
18	CB - GAIN TARGET		237	0 - 255	
19	CR - GAIN TARGET		237	0 - 255	
20	OFFSET torelance	Tolerance of OFFSET Adj.	1	1 - 255	
21	GAIN torelance	Tolerance of GAIN Adj.	1	1 - 255	
Group 270	Custom (Aspect)				
0	Scaler Horizontal	H-Scaler	100	68-132	
1	Scaler Vertical	H-Vertical	100	68-132	
2	Connect	Link Edit 1: Link	0	0 - 1	
3	Position Horizontal	H-Position	100	85-115	
4	Position Vertical	V-Position	100	85-115	
5	Aspect Enable	Aspect Enale (0: On, 1: Off)	0	0 - 1	
Group 280	AutoPC Adjsut				
0	AutoPCAdjustEnable	Auto-PC Adj Operation Enable if Un-supported Signal Input	0	0 - 1	0: Enable, 1: Disable
1	Frequency Step	Frequency Steps of TotalDot	1	0-3	
2	Frequency Threshold	Total Dot Frequency Threshold	5	0 - 10	0 [] <--- ----> 10[Not matched]
3	Fine Phase	Do Phase Adj after Total Dot Adj.	1	0 - 1	0: Executes Fine Phase, 1: Not Execute
4	BLKDET	Black Level Detection Area	1	0 - 3	
5	PHASEMSK	Phase Detection Filter	0	0 - 3	0: Effective All Bit, 1: Disable Lower 1 bit 2: Disable Lower 2 bit, 3: Disable Lower 3 bit
Group 290	PanelType * Panel Type Check				
0	GammaL/R-View	Current Setting Check	0	0-20	0: Gamma for L-Turn 20: Gamma for R-Turn * Read only
1	GammaL/R-Change	Setting of Gamma	10	0-20	Sets L-Turn Gamma if the Value is set to 0. Sets R-Turn Gamma if the Value is set to 20.
Group 500	Composite (NTSC) Composite / S-Video				
0					
1	Disp Dots		668	0 ~ 4095	
2	H Back Porch		28	0 ~ 4095	
3	V Back Porch		18	0 ~ 4095	

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
	4 Disp Line		458	0 ~ 4095	
Group 501	Composite (PAL) Composite / S-Video				
0					
1	Disp Dots		658	0 ~ 4095	
2	H Back Porch		34	0 ~ 4095	
3	V Back Porch		22	0 ~ 4095	
4	Disp Line		536	0 ~ 4095	
Group 502	Composite (SECAM) Composite / S-Video				
0					
1	Disp Dots		652	0 ~ 4095	
2	H Back Porch		28	0 ~ 4095	
3	V Back Porch		22	0 ~ 4095	
4	Disp Line		536	0 ~ 4095	
Group 510	SCART(480i)				
0					
1	Disp Dots		662	0 ~ 4095	
2	H Back Porch		126	0 ~ 4095	
3	V Back Porch		48	0 ~ 4095	
4	Disp Line		456	0 ~ 4095	
Group 511	SCART (575i)				
0					
1	Disp Dots		648	0 ~ 4095	
2	H Back Porch		144	0 ~ 4095	
3	V Back Porch		64	0 ~ 4095	
4	Disp Line		534	0 ~ 4095	
Group 520	YCbCr (480i)				
0	Total Dots		858	0 ~ 4095	
1	Disp Dots		670	0 ~ 4095	
2	H Back Porch		146	0 ~ 4095	
3	V Back Porch		48	0 ~ 4095	
4	Disp Line		485	0 ~ 4095	
Group 521	YCbCr (575i)				
0	Total Dots		864	0 ~ 4095	
1	Disp Dots		656	0 ~ 4095	
2	H Back Porch		162	0 ~ 4095	
3	V Back Porch		64	0 ~ 4095	
4	Disp Line		534	0 ~ 4095	
Group 522	YCbCr (480P)				
0	Total Dots		858	0 ~ 4095	* Read only
1	Disp Dots		684	0 ~ 4095	
2	H Back Porch		136	0 ~ 4095	
3	V Back Porch		46	0 ~ 4095	
4	Disp Line		460	0 ~ 4095	
Group 523	YCbCr (575P)				
0	Total Dots		862	0 ~ 4095	* Read only
1	Disp Dots		680	0 ~ 4095	
2	H Back Porch		148	0 ~ 4095	
3	V Back Porch		60	0 ~ 4095	
4	Disp Line		538	0 ~ 4095	
Group 524	YCbCr (720P - 60)				
0	Total Dots		1650	0 ~ 4095	* Read only
1	Disp Dots		1248	0 ~ 4095	
2	H Back Porch		316	0 ~ 4095	
3	V Back Porch		34	0 ~ 4095	
4	Disp Line		700	0 ~ 4095	
Group 525	YCbCr (720P - 50)				
0	Total Dots		1980	0 ~ 4095	* Read only
1	Disp Dots		1248	0 ~ 4095	
2	H Back Porch		338	0 ~ 4095	
3	V Back Porch		36	0 ~ 4095	
4	Disp Line		700	0 ~ 4095	

Electrical Adjustments

Group/Item	Item Name	Function	Initial	Range	Note
Group 526	YCbCr (1080i - 60)				
0	Total Dots		2200	0 ~ 4095	* Read only
1	Disp Dots		1872	0 ~ 4095	
2	H Back Porch		260	0 ~ 4095	
3	V Back Porch		54	0 ~ 4095	
4	Disp Line		1052	0 ~ 4095	
Group 527	YCbCr (1080i - 50)				
0	Total Dots		2640	0 ~ 4095	* Read only
1	Disp Dots		1870	0 ~ 4095	
2	H Back Porch		262	0 ~ 4095	
3	V Back Porch		54	0 ~ 4095	
4	Disp Line		1052	0 ~ 4095	
Group 528	YCbCr (1035i)				
0	Total Dots		2200	0 ~ 4095	* Read only
1	Disp Dots		1872	0 ~ 4095	
2	H Back Porch		256	0 ~ 4095	
3	V Back Porch		92	0 ~ 4095	
4	Disp Line		1012	0 ~ 4095	
Group 540	RGB Video (480i)				
0	Total Dots		960	0 ~ 4095	
1	Disp Dots		752	0 ~ 4095	
2	H Back Porch		166	0 ~ 4095	
3	V Back Porch		48	0 ~ 4095	
4	Disp Line		460	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 541	RGB Video (575i)				
0	Total Dots		966	0 ~ 4095	
1	Disp Dots		736	0 ~ 4095	
2	H Back Porch		182	0 ~ 4095	
3	V Back Porch		66	0 ~ 4095	
4	Disp Line		536	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 542	RGB Video (480P)				
0	Total Dots		960	0 ~ 4095	
1	Disp Dots		766	0 ~ 4095	
2	H Back Porch		156	0 ~ 4095	
3	V Back Porch		46	0 ~ 4095	
4	Disp Line		460	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 543	RGB Video (575P)				
0	Total Dots		986	0 ~ 4095	
1	Disp Dots		774	0 ~ 4095	
2	H Back Porch		174	0 ~ 4095	
3	V Back Porch		62	0 ~ 4095	
4	Disp Line		540	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 544	RGB Video (720P - 60)				
0	Total Dots		1650	0 ~ 4095	
1	Disp Dots		1248	0 ~ 4095	
2	H Back Porch		318	0 ~ 4095	
3	V Back Porch		34	0 ~ 4095	
4	Disp Line		702	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 545	RGB Video (720P - 50)				

Electrical Adjustments

Group/ Item	Item Name	Function	Initial	Range	Note
0	Total Dots		1980	0 ~ 4095	
1	Disp Dots		1246	0 ~ 4095	
2	H Back Porch		310	0 ~ 4095	
3	V Back Porch		34	0 ~ 4095	
4	Disp Line		702	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 546	RGB Video (1080i - 60)				
0	Total Dots		2200	0 ~ 4095	
1	Disp Dots		1872	0 ~ 4095	
2	H Back Porch		262	0 ~ 4095	
3	V Back Porch		56	0 ~ 4095	
4	Disp Line		1052	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 547	RGB Video (1080i - 50)				
0	Total Dots		2640	0 ~ 4095	
1	Disp Dots		1868	0 ~ 4095	
2	H Back Porch		264	0 ~ 4095	
3	V Back Porch		54	0 ~ 4095	
4	Disp Line		1052	0 ~ 4095	
5	Clamp		1	0 ~ 255	
6	Clamp Width		31	0 ~ 255	
Group 548	RGB Video (1035i)				
0	Total Dots		2200	0 ~ 4095	
1	Disp Dots		1868	0 ~ 4095	
2	H Back Porch		258	0 ~ 4095	
3	V Back Porch		92	0 ~ 4095	
4	Disp Line		1012	0 ~ 4095	
Group 560	HDCP (480P)				
7	Over Scan	Over Scan Rate (0 ~ 25.5% at 0.1% steps)	0	0 - 255	
8	VSBEQ		2	0 - 15	
Group 561	HDCP (575P)				
7	Over Scan	Over Scan Rate (0 ~ 25.5% at 0.1% steps)	0	0 - 255	
8	VSBEQ		2	0 - 15	
Group 562	HDCP (720P-60)				
7	Over Scan	Over Scan Rate (0 ~ 25.5% at 0.1% steps)		0 - 255	
8	VSBEQ		2	0 - 15	
Group 563	HDCP (720P-50)				
7	Over Scan	Over Scan Rate (0 ~ 25.5% at 0.1% steps)	0	0 - 255	
8	VSBEQ		2	0 - 15	
Group 564	HDCP (1080i-60)				
7	Over Scan	Over Scan Rate (0 ~ 25.5% at 0.1% steps)	0	0 - 255	
8	VSBEQ		2	0 - 15	
Group 565	HDCP (1080i-50)				
7	Over Scan	Over Scan Rate (0 ~ 25.5% at 0.1% steps)	0	0 - 255	
8	VSBEQ		2	0 - 15	
Group 566	HDCP (1035i)				
7	Over Scan	Over Scan Rate (0 ~ 25.5% at 0.1% steps)	0	0 - 255	
8	VSBEQ		2	0 - 15	
Group 981	Color Shading Adj Offset				
0	R-Max		0/0	0-255	

Electrical Adjustments

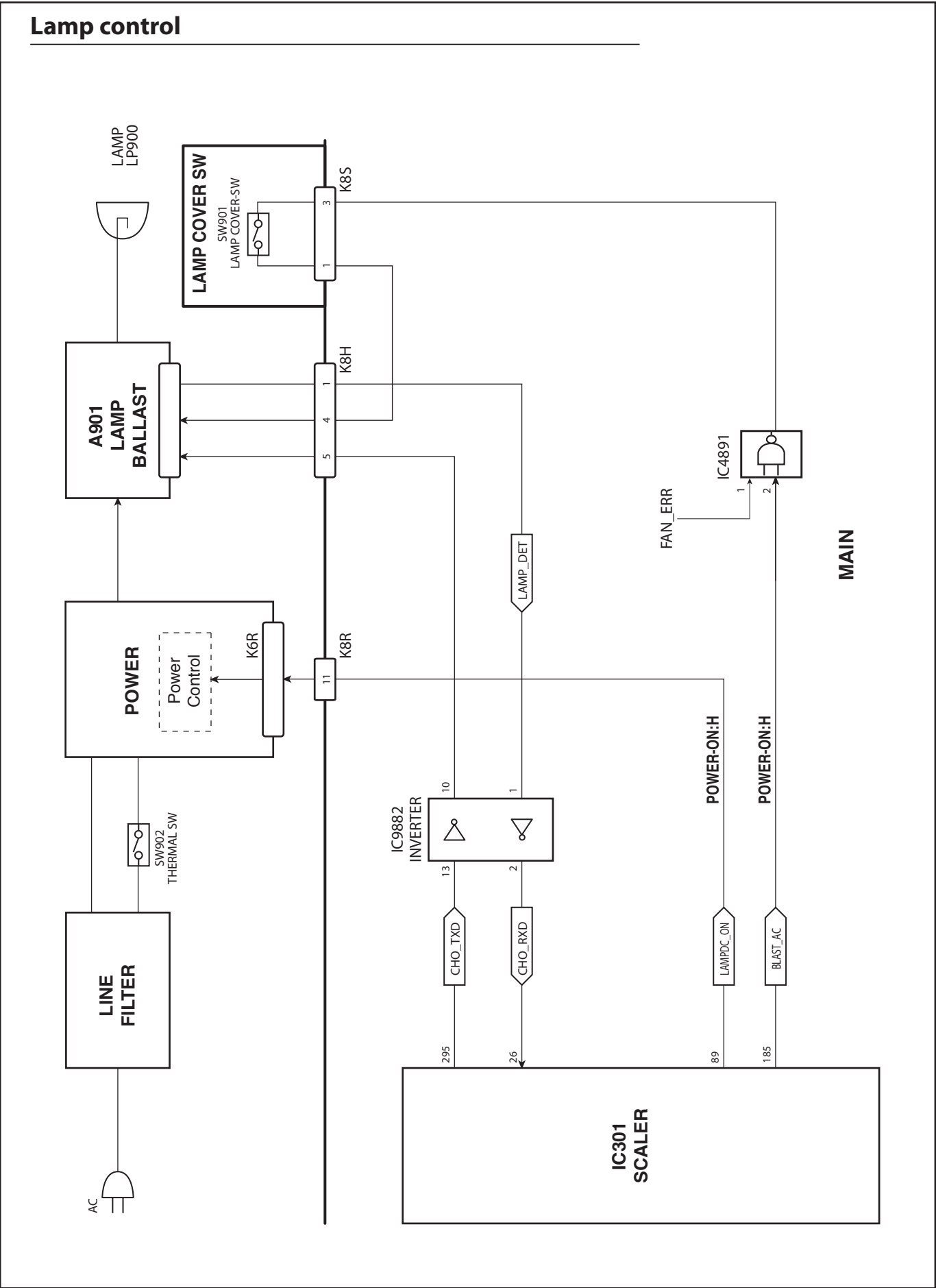
Group/ Item	Item Name	Function	Initial	Range	Note
1	R-Mid1		0/0	0-255	
2	R-Mid2		0/0	0-255	
3	R-Min		0/0	0-255	
4	G-Max		0/0	0-255	
5	G-Mid1		0/0	0-255	
6	G-Mid2		0/0	0-255	
7	G-Min		0/0	0-255	
8	G-Max		0/0	0-255	
9	B-Mid1		0/0	0-255	

Chassis over view

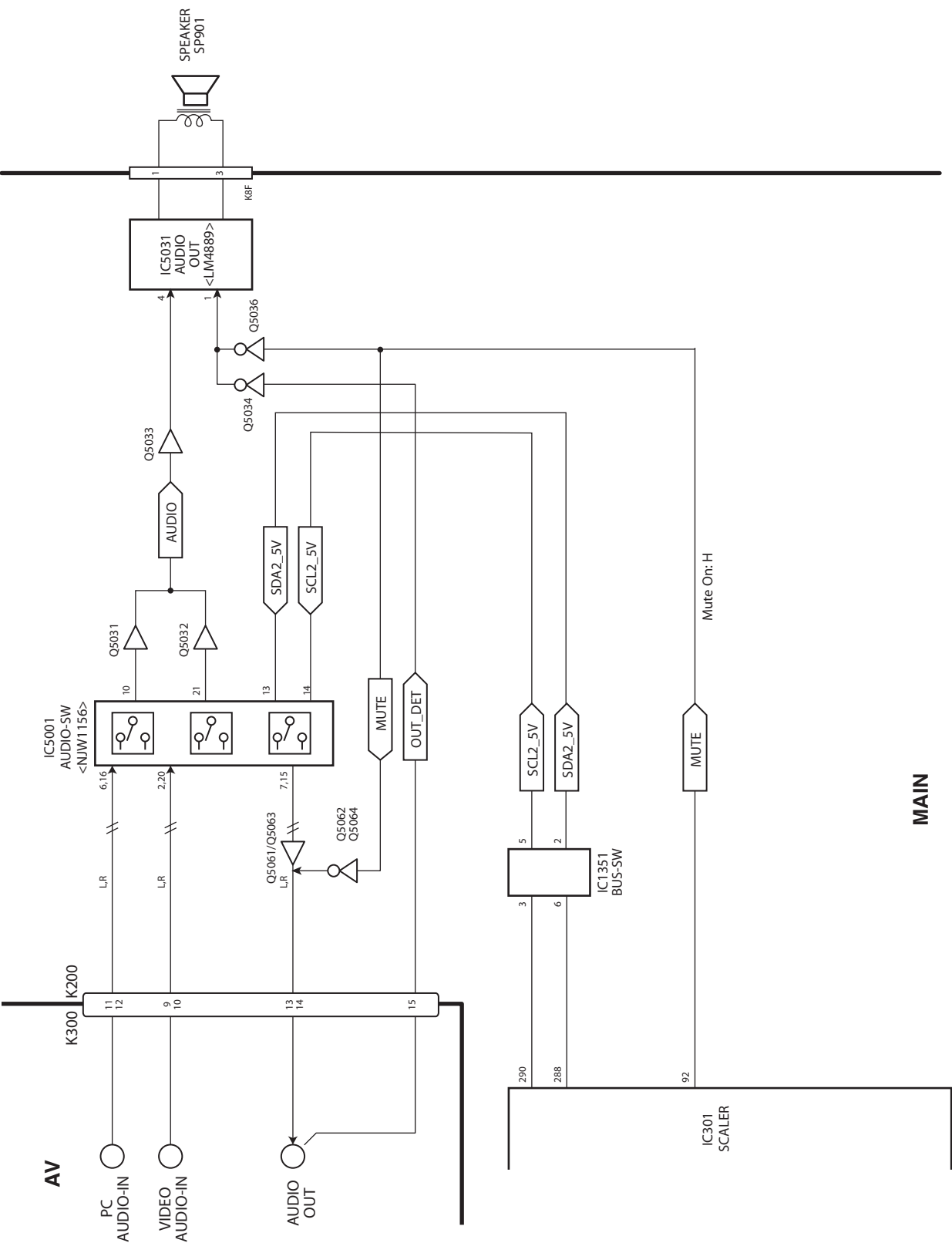




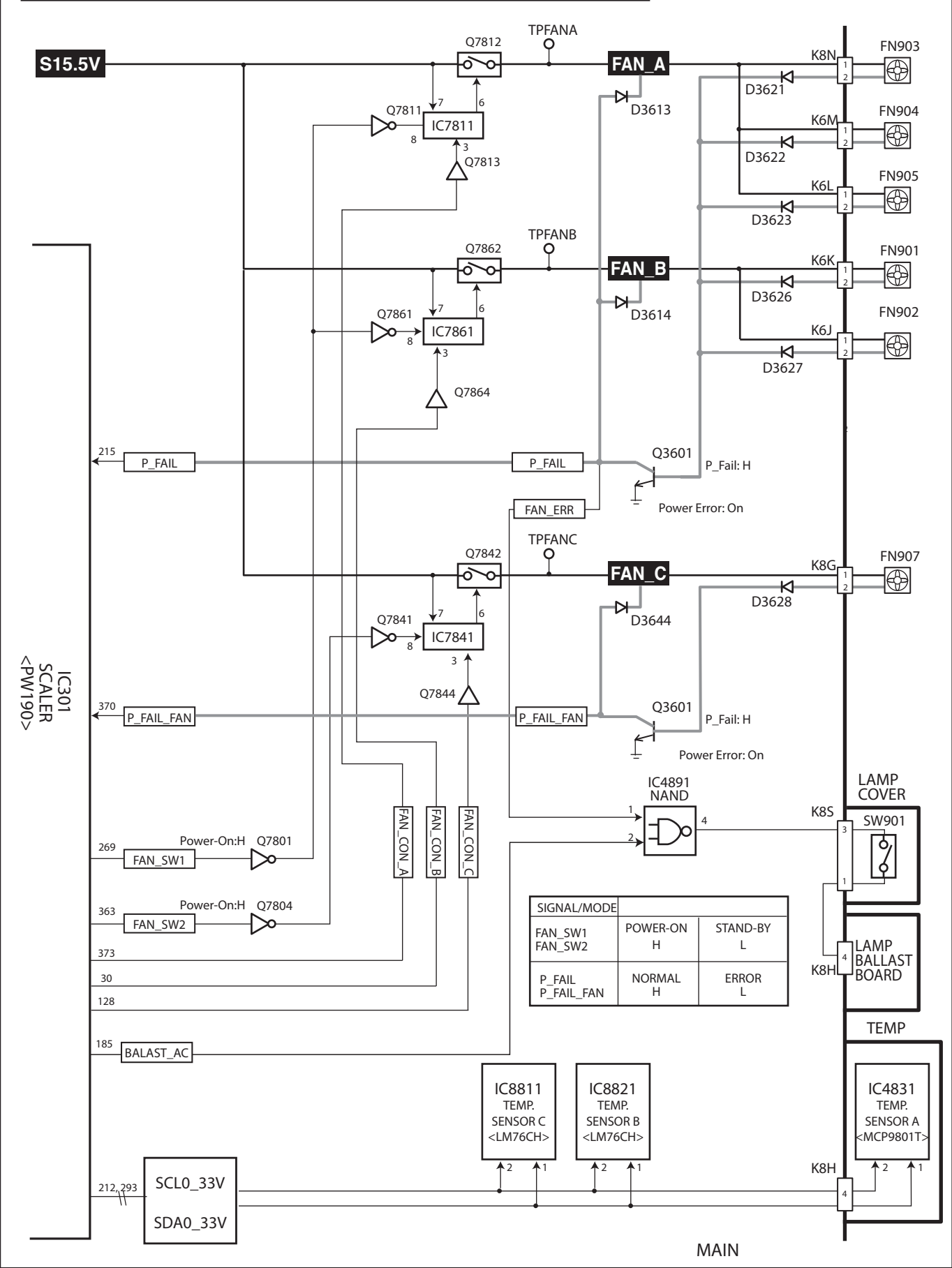
Lamp control



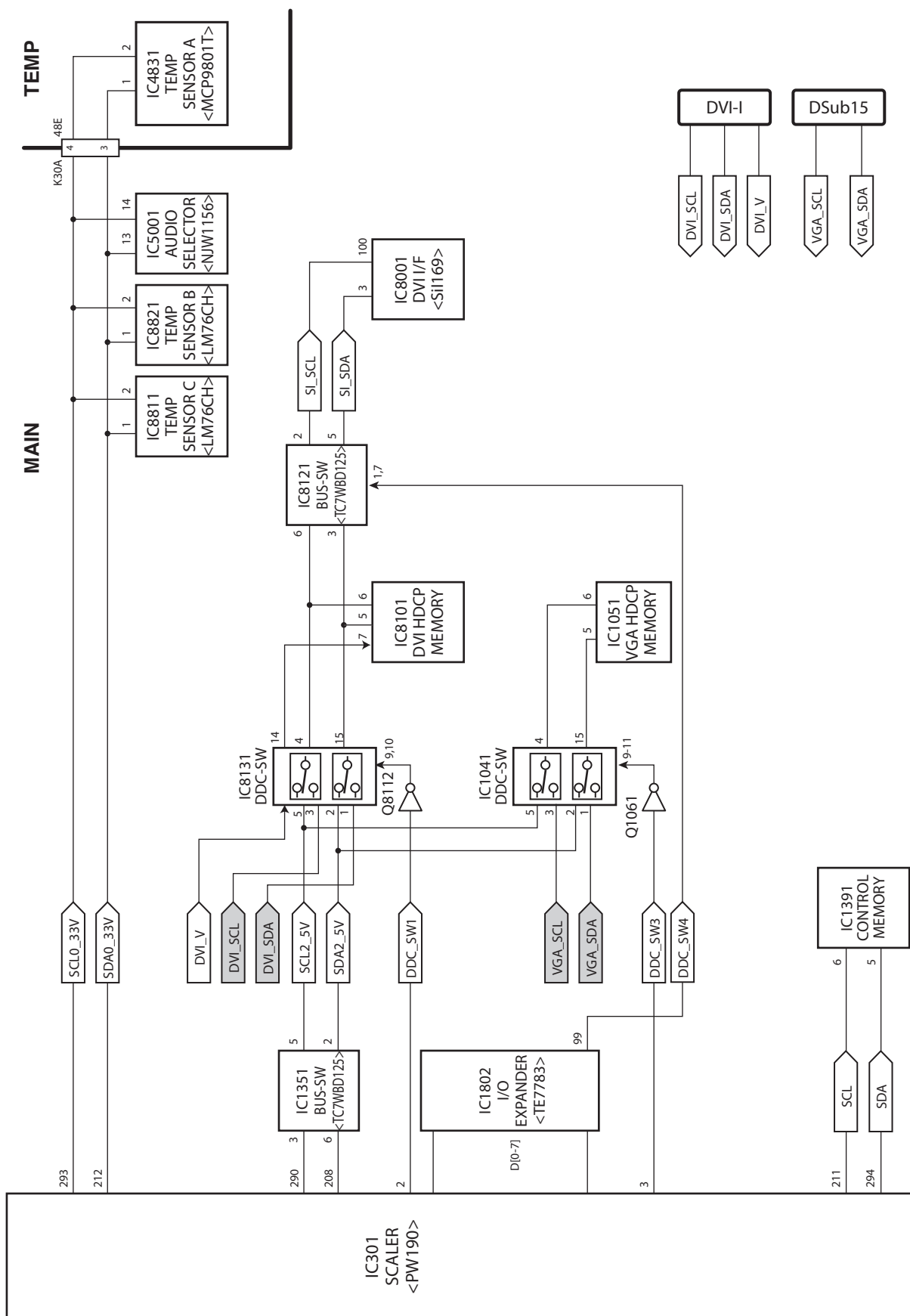
Audio circuit

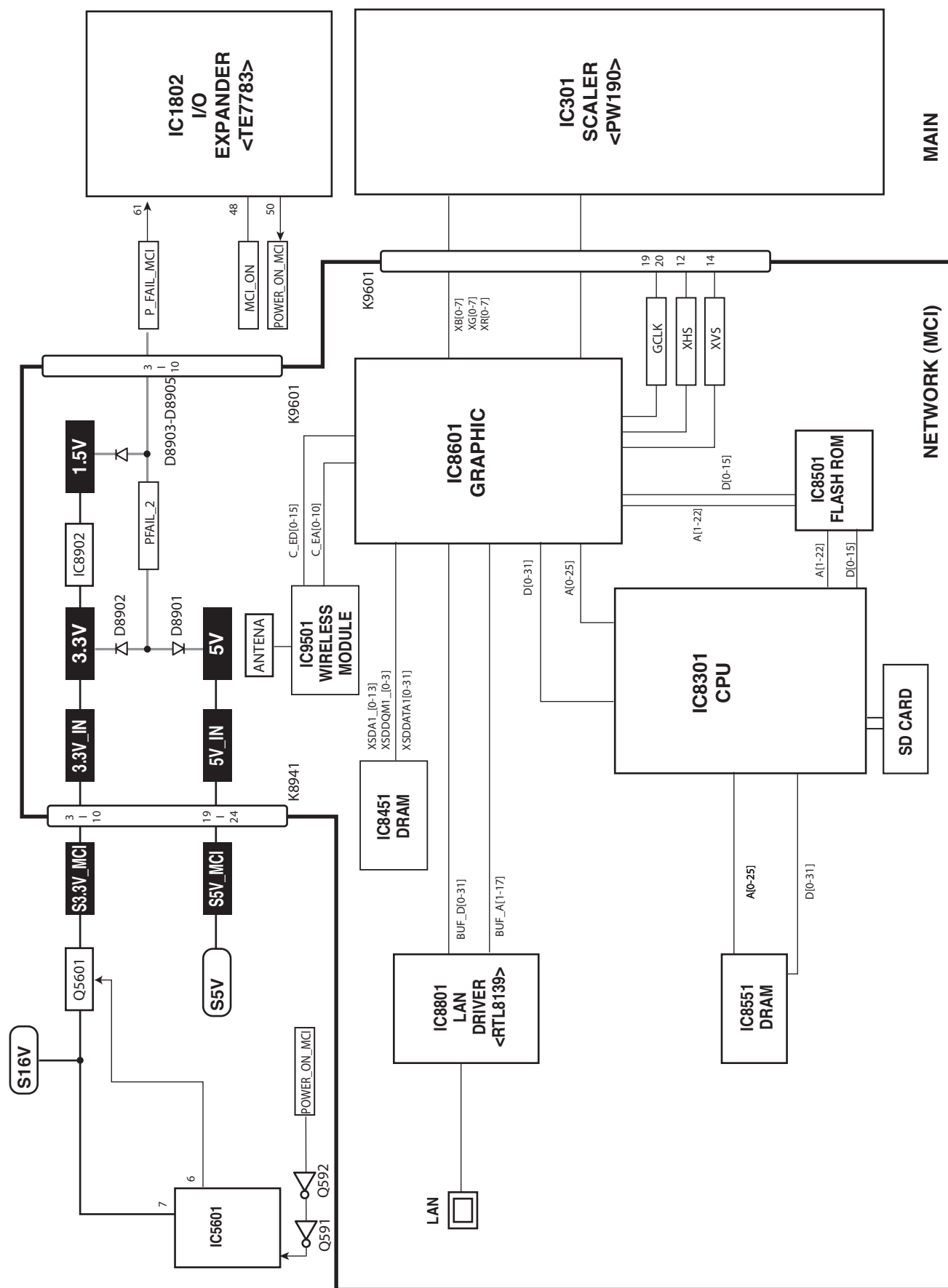


Fan control circuit



IIC bus control circuit





Troubleshooting

Indicators and Projector Condition

Check the indicators for projector condition.

Indicators			Projector Condition
POWER red/green	WARNING red	LAMP REPLACE yellow	
			The projector is off. (The AC power cord is unplugged.)
			The projector is in stand-by mode. Press the POWER ON/STANDBY button to turn on the projector.
			The projector is operating normally.
			The projector is preparing for stand-by or the projection lamp is being cooled down. The projector cannot be turned on until cooling is completed and the POWER indicator stops blinking.
			The projector is in the Power management mode.
			The temperature inside the projector is abnormally high. The projector cannot be turned on. When the projector is cooled down enough and the temperature returns to normal, the POWER indicator stops blinking and the projector can be turned on. (The WARNING indicator keeps blinking.) Check and clean the filter.
			The projector has been cooled down enough and the temperature returns to normal. When turning on the projector, the WARNING indicator stops blinking. Check and clean the air filter.
			The projector detects an abnormal condition and cannot be turned on. Unplug the AC power cord and plug it again to turn on the projector. If the projector is turned off again, unplug the AC power cord and contact the dealer or the service center for service and checkup. Do not leave the projector on. It may cause an electric shock or a fire hazard.

 ... green.

 ... red

 ... off

 ... blinks green.

 ... blinks red.

***** When the life of the projection lamp draws to an end, the LAMP REPLACE indicator lights yellow. When this indicator lights yellow, replace the projection lamp with a new one promptly. Reset the lamp replacement counter after replacement of the lamp.

No Power

This projector provides a function which can be specified a defective area simply by indicating the LEDs. Connect the AC cord and press the Power button once and then check the LED indication.

- **When all of LED indicators are not lighting**, the symptom indicates that the primary power supply circuit does not operate properly. Check the power primary circuit and parts as follow;

AC cord, F601 (Fuse), Power board,

SW902 (Thermal sw.) short in normal

SW902 opens when the surrounding temperature of the switch exceeds 100°C.

- **When the WARNING (red) and POWER(red) indicators are flashing**, the symptom indicates that the projector detected an abnormal temperature risen inside the projector. Check the air filters and remove the object near the intake and exhaust fan openings, and wait until the POWER indicator stops flashing, and then try to turn on the projector.

The internal temperature is monitored by sensor ICs, IC8811(Lamp), IC8821 (Panel) on the Main board and IC4831 (Room) on the Temp. board

- **When the WARNING indicator lights red**, the symptom indicates that the projector detected an abnormality in the cooling fan operation or in the power supply secondary circuits. Check fan operation and power supply lines, and the driving signal status.

The P_FAIL signal (Error: L) is sent to pin 215 of IC301<SCALER> when the abnormality occurs inside the projector, and then the IC301 sends the shutdown signal, LAMPDC_ON, to the power supply circuit to stop its operation, and signal BALAST_AC to the lamp ballast board via IC4891 and SW901<lamp cover switch> to stop operation of the lamp circuit.

An abnormality occurs on the secondary power supply;

Check power supplies 15.5V, S6V, S-5V. P_FAIL signal becomes "Low" when the abnormality occurs on any of the power supply lines.

An abnormality occurs on the fan control circuit;

Check FN901, FN902, FN903, FN904, FN905, FN907 and peripheral circuit.

If any of the fans has an error, the fan lock signal drives Q3601 or Q3644 becomes on. As the result, signal FAN_ERR becomes Low and is sent to lamp ballast board to stop lamp circuit.

An abnormality occurs on the drive signals;

ON_150V signal (Power-on: H) is output from pin 344 of IC301 and switches Q2501, 15.5V supply circuit.

ON_5VA signal (Power-on: H) is output from pin 110 of IC301 and switches Q3582, 5VA supply circuit and switches IC5081, 5V_AUDIO supply circuit. ON_3.3V signal (Power-on: H) is output from pin 11 of IC301 and switches IC5631, 3.3V supply circuit and IC491, 1.2V supply circuit.

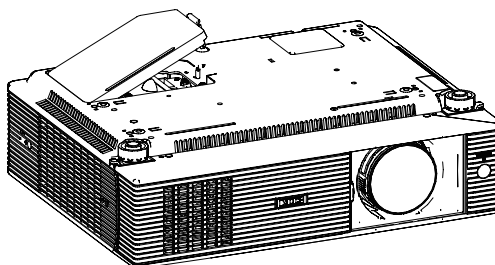
LAMPDC_ON signal (Power-on: H) is output from pin 89 of IC301 and supplied to the P.F Control IC, IC601, on the power supply board through Q681, and PC603.

BALAST_AC signal (Power-on: H) is output from pin 413 of IC301 and applied to pin 2 of IC4891 and output pin 4 and then supplied to the lamp ballast board through SW901<Lamp Cover SW>.

CHO_RXD signal at pin 26 of IC301 is applied from the lamp ballast unit. If the abnormality occurred on the lamp ballast unit, LAMP_DET/CHO_RXD signal becomes "High" and then IC301 shuts down the power supply circuit.

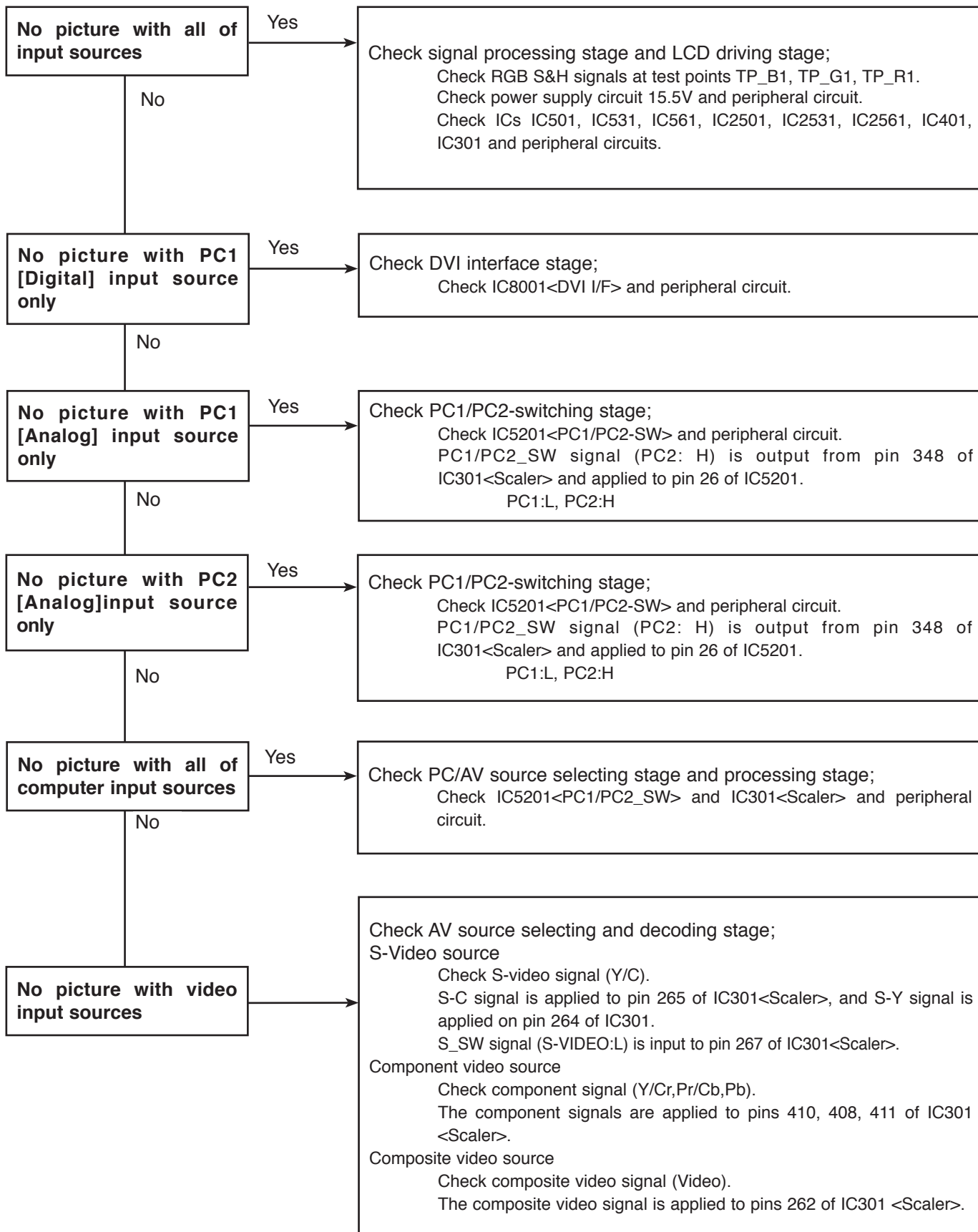
Lamp Cover switch

Make sure that the lamp cover is mounted correctly. If not or the lamp cover removed, the lamp does not light on for the safety. Check the lamp cover and lamp cover switch (SW901).



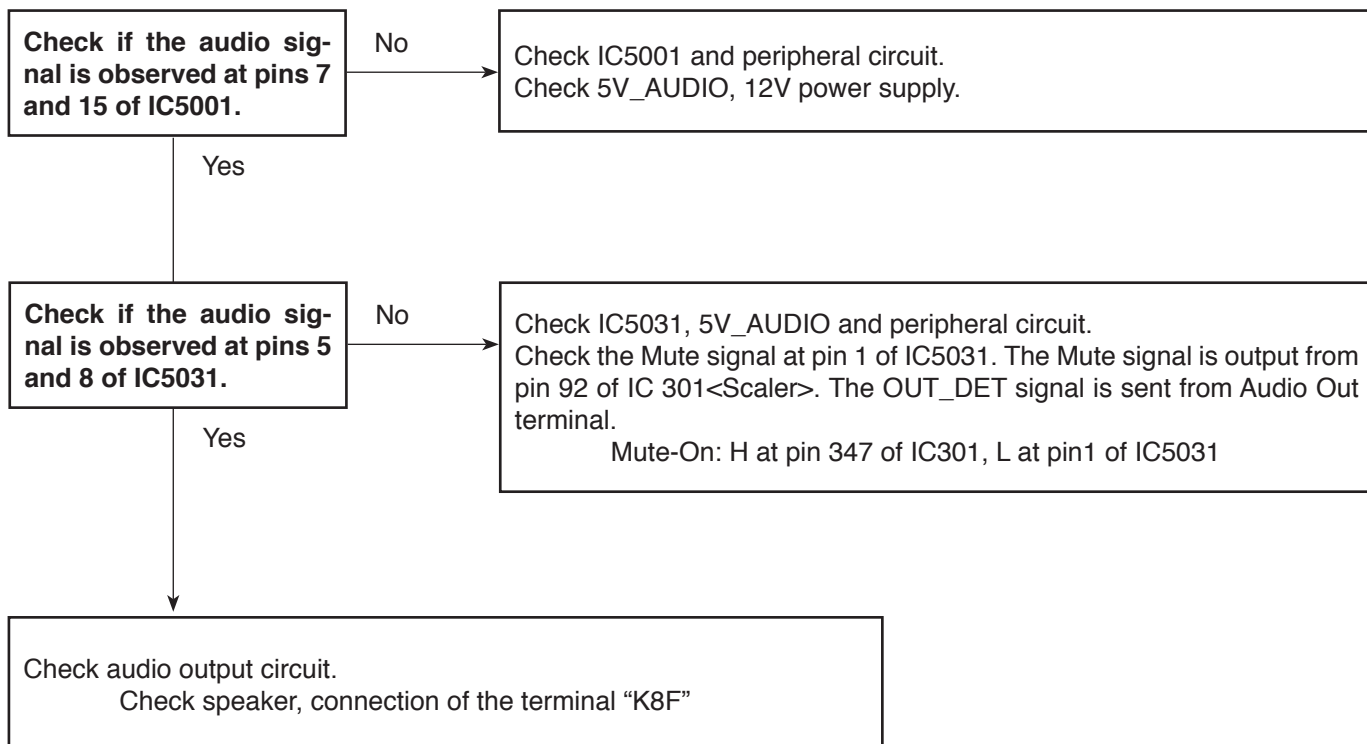
No Picture

Check following steps.



No Sound

Check following steps.



Control Port Functions

Scaler I/O Port Functions (PW190)

PIN NO.	PORT NO.	PORT NAME	FUNCTION	SIGNAL NAME	DESCRIPTION	I/O
1	A1	PORTD7	DDC_SW3	DDC_SW3	DDC_SW3	O
2	A2	VS_MCI	V-Sync for MCI	VS_MCI	V-Sync. Input for MCI	I
11	A11	PORTC5		ON_3.3V	3.3V Power Drive, Power On: H	O
101	B2	PORTD6	DDC_SW1	DDC_SW1	DDC_SW1	O
102	B3	HS_MCI		HS_MCI	H-Sync. Input for MCI	I
110	B11	PORTC6		ON_5VA	5VA Drive On/Off, On: H	O
111	B12	PORTC1		SCS	3-Wired Serial Control	O
124	B25	TXD_PW		TXD_PW	Serial Control TXD	O
193	C3	CK_MCI		CK_MCI	Clock for MCI	O
201	C11	PORTC7		ON_150V	15V Power Driver, Power On: H	O
202	C12	PORTC2		SDATA_PW	3-Wired Serial Control Data	O
204	C14	DCLKOUT	DCLKOUT	DCLK	IIC Bus Control Clock	O
206	C16	DVS	DVS	DVS	V-Sync. Output	O
208	C18	TWOWSD2	2-Wire Serial Data 2	SDA2_5V	IIC Bus Control Data	O
211	C21	TWOWSC1	2-Wire Serial Clock 1	SCL	IIC Bus Control Clock	O
212	C22	TWOWSD0	2-Wire Serial Data 0	SDA	IIC Bus Control Data	O
214	C24	IRRCVR0	IRRCVR0	IRRCVR0	Remote Control In Signal Input	I
28	C26	ADC1	ADC1	KEY1	Key Control Input	I
277	D4	DE_MCI		DE_MCI	DE for MCI	O
278	D5	PORTD5		SIHS	H-Sync. Input for DVI	I
285	D12	PORTC3		FAN_SW1	Fan Control Switch-1	O
288	D15	DHS	DHS	DHS	H-Sync. Output	O
290	D17	TWOWSC2	2-Wire Serial Clock 2	SCL2	IIC Bus Control Clock	O
293	D20	TWOWSC0	2-Wire Serial Clock 0	SCL0	IIC Bus Control Clock	O
294	D21	TWOWSD1	2-Wire Serial Data 1	SDA1	IIC Bus Control Data	O
295	D22	CHO_TXD		CHO_TXD	Serial Control TXD	O
296	D23	FAN_SW2		FAN_SW2	Fan Control Switch-2	O
215	D24	ADC0	ADC0	P_FAIL	Power Failure Signal Input, Failure:L	I
126	D25	ADC2	ADC2	KEY-2	Key Control Input	I
29	D26	ADC6	ADC6	LAMP Option	Lamp Option	I
354	E6	SIVS		SIVS	V-Sync. Input for DVI	I
362	E14	PORTC4		IRM_RST		O
363	E15	PORTC0		FAN_SW2	Fan Control Switch-2	O
367	E19	THRWSC	3-Wire Serial Clock	SCLK-PW	3-Wired Serial Control Clock	O
368	E20	RXD_PW		RXD_PW	Serial Control RXD	I
369	E21	IRRCVR1		IRRCVR1	Wired Remote Control Input	I
370	E22	ADC5		P_FAIL_FAN	Power Failure Signal Input, Failure:L	I
127	E25	ADC7	ADC7	LENS Option	Option Switch LENS	I
30	E26	DAC1	DAC1	FAN_CON_B	Fan B Voltage Control	O
298	F23	ADC4	ADC4	BRAND Option	Option Switch BRAND	I
128	F25	DAC2	DAC2	FAN_CON_C	Fan C Voltage Control	O
92	K1	PORTB3		MUTE	Sound Mute Drive, Mute On: H	O
185	K2	PORTB4		BLAST_AC	Lamp Control, Lamp On: H	O
270	K3	SICLK		SICLK	Clock for DVI	I
347	K4	SIDEN		SIDEN	SIDEN for DVI	I
91	L1	PORTB5		READY_LED	READY LED Drive, On: H	O
184	L2	PORTB6		TEMP_LED	Temp Driver On: H	O
269	L3	PORTB7		LAMP_REPLACE_LED	LAMP REPLACE LED Drive, On: H	O
346	L4	PORTB4		PWR_LED	POWER LED Drive, On: H	O
90	M1	PORTA0		XSTDBYEN	for I/O Expander	O
183	M2	PORTA1		XRESET	for I/O Expander	O
345	M4	PORTB2		PC1/PC2_SW	PC1/PC2 Switch Output, PC1: H	O
89	N1	PORTA3		LAMPDC_ON	Power Control, Power On: H	O
192	N2	PORTA5		CABLE_SW	Cable Switch Output SCART: Hi	O
267	N3	PORTA6		S_SW	S-Video Input Switch	I
474	N6	PORTA2		WAKEUP	for I/O Expander	O
265	R3	S_C		S_C	S-Chroma Signal Input	I

Control Port Functions

PIN NO.	PORT NO.	PORT NAME	FUNCTION	SIGNAL NAME	DESCRIPTION	I/O
411	R5	CR_IN		CR_IN	Compornent Video (CR) Input	I
86	T1	SCART_CV		SCART_CV	Composite Video Signal Input for SCART	I
264	T3	S_Y		S_Y	S-Y Signal Input	I
410	T5	Y_IN		Y_IN	Compornent Video (Y) Input	I
283	U3	SMUXIN1	SOG MUX input Ch1	SOG	Sync on Green Signal Input	I
409	U5	SMUXIN0	SOG MUX input Ch0	Y_IN	Y Signal Input (Not used)	I
282	V3	BMUXIN1	Blue MUX input Ch1	VIDEO	Video Signal Input	I
408	V5	BMUXIN0	Blue MUX input Ch0	CB_IN	Compornent Video (CB) Input	I
140	V25	MREFIN1	Memory Voltage Reference			
82	Y1	RAI1	Ch1 Analog Input	R	R Signal Input	I
280	Y3	GAI1	Ch1 Analog Input	G	G Signal Input	I
174	AA2	SOG1	SOG Ch1	SOG Ch1	Sync on Green ch1 Input	I
258	AB3	BAI1	Ch1 Analog Input	B	B Signal Input	I
331	AC7	HS1		HS1	H-Sync Input	I
166	AE6	ADCXOUT	Crystal oscillator	X'TAL OUT		
165	AE7	AFETEST3	TestPin	TAFETST3		
162	AE10	RESETB	Reset	PW_RESET	Reset Input	I
161	AE11	VS1	Channel 1 VSync	VS1	V-Sync Input	I
50	AE26	NMI	NMI	NMI	NMI Input	I
72	AF5	ADCXIN	Crystal oscillator	X'TAL IN		

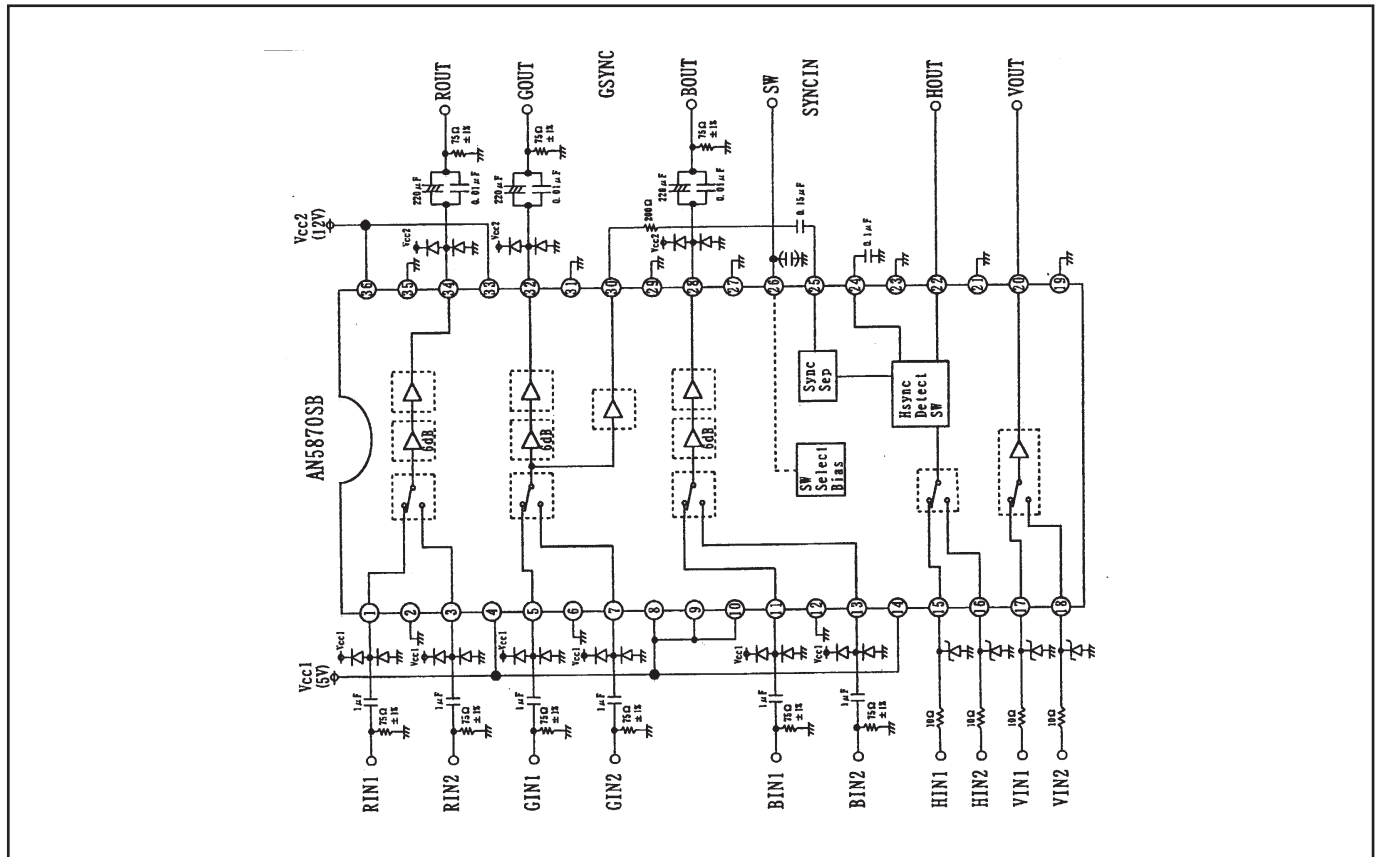
I/O Expander Port Functions (TE7783)

PIN NO.	NAME	FUNCTION	ACTION	I/O
5	P4	LEDN		I
6	P5	W_R/C_SW	L: Wired R/C	I
34	WAKEUP	WAKEUP		I
36	RST	REST		I
38	XI	XI	X'TAL IN	I
39	XO	XO	X'TAL OUT	O
43	XSTDBYE	XSTDBYEN		O
48	P21	MCI_ON	H: MCI ON	O
50	P23	POWER_ON_MCI	H: MCI ON	O
54	P27	USB_VBUS		
55	P28	USB_D-		I/O
61	AIN1	P_FAIL_MCI	Fpower Fail Signal Input for MCI Circuit	I
67	AIN7		G-Sensor Input	I
68	AIN8		G-Sensor Input	I
72	P31	TXD_MCI	For MCI	O
73	P32	RXD_MCI	For MCI	I
74	P33	TXD2_MCI	For MCI	I
75	P34	RXD2_MCI	For MCI	O
81	DMNUS	USD_D-		I/O
91	P11	SIPD	For DVI	O
92	P12	SIPD0	For DVI	O
93	P13	DVI_HPD	For DVI	O
94	P14	SIRST	For DVI	O
99	DDC_SW4	DDC_SW4	Switch for DDC IC	O

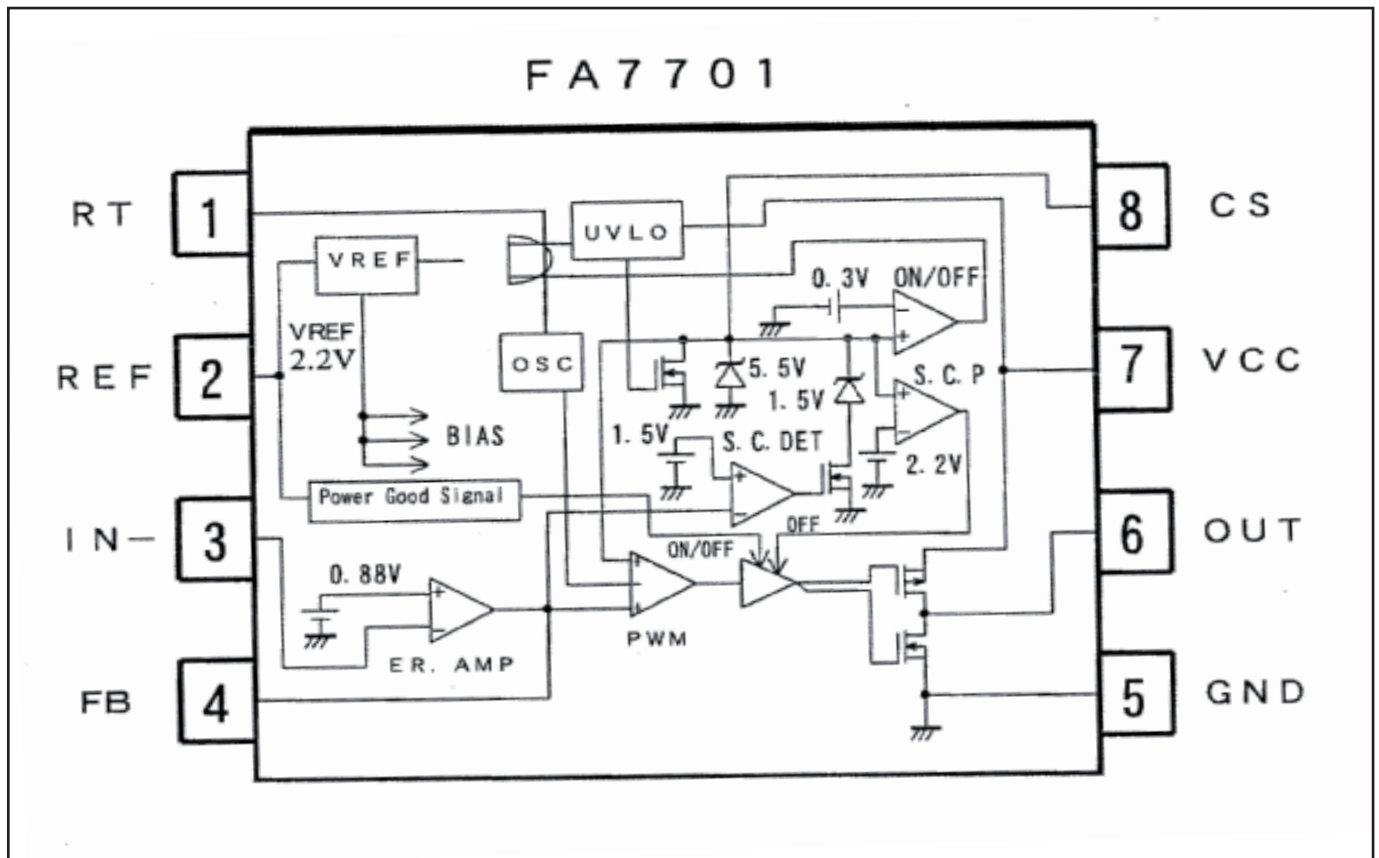
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IC Block Diagrams

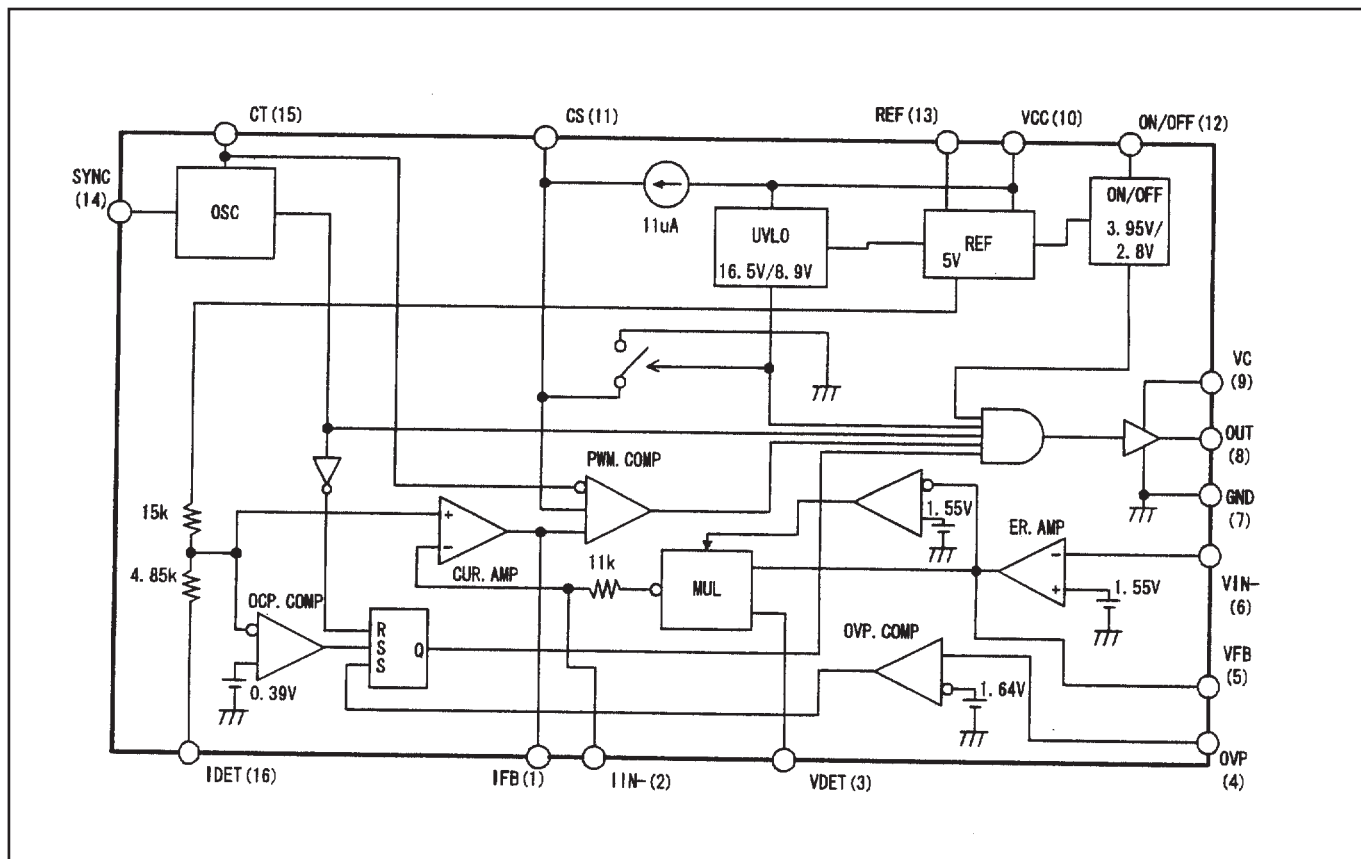
● AN5870 <Signal Switch, IC5201>



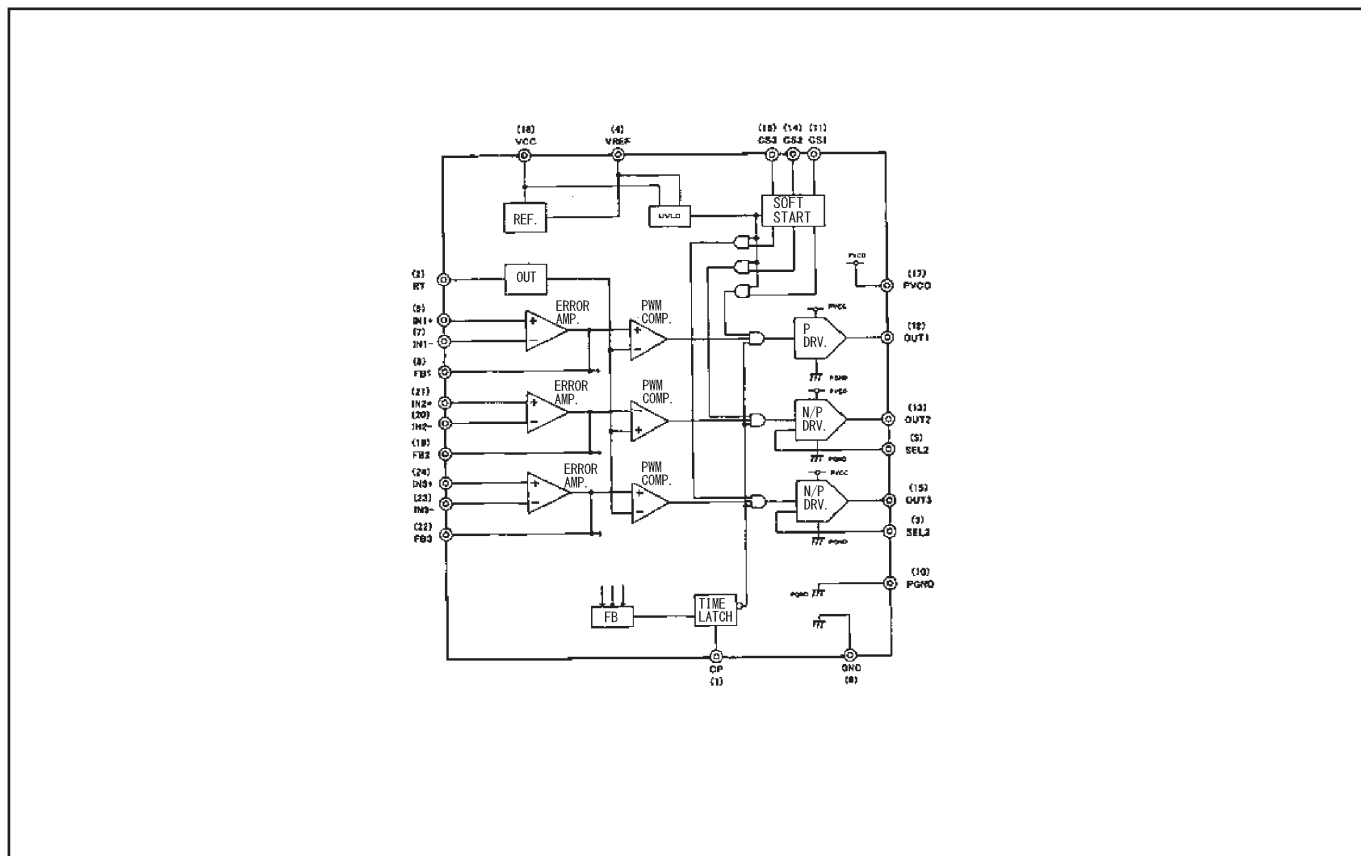
● FA7701 <DDC Control, IC5751>



● FA5502 <P.F. Control, IC601>

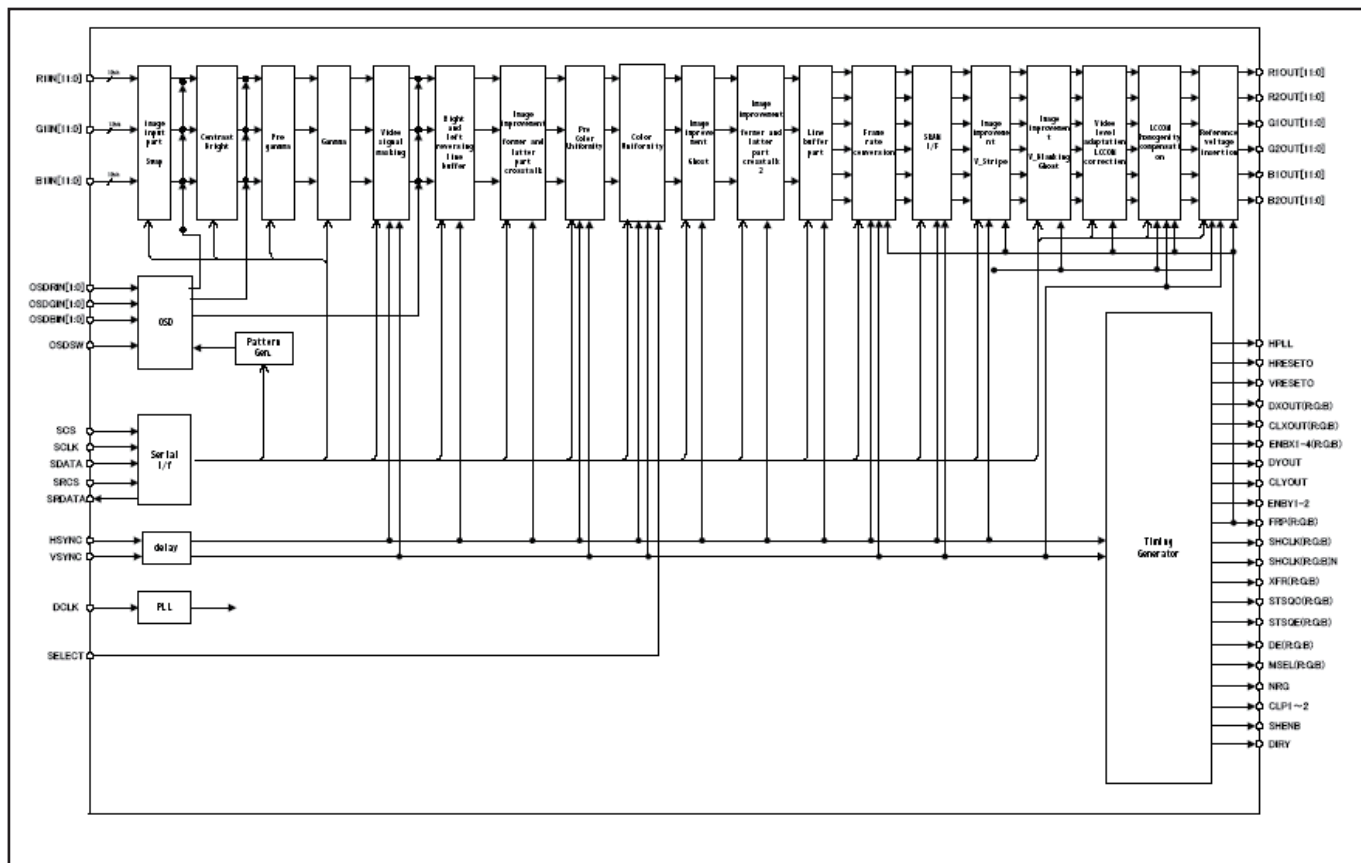


● FA7711 <DC-DC Converter, IC5801>

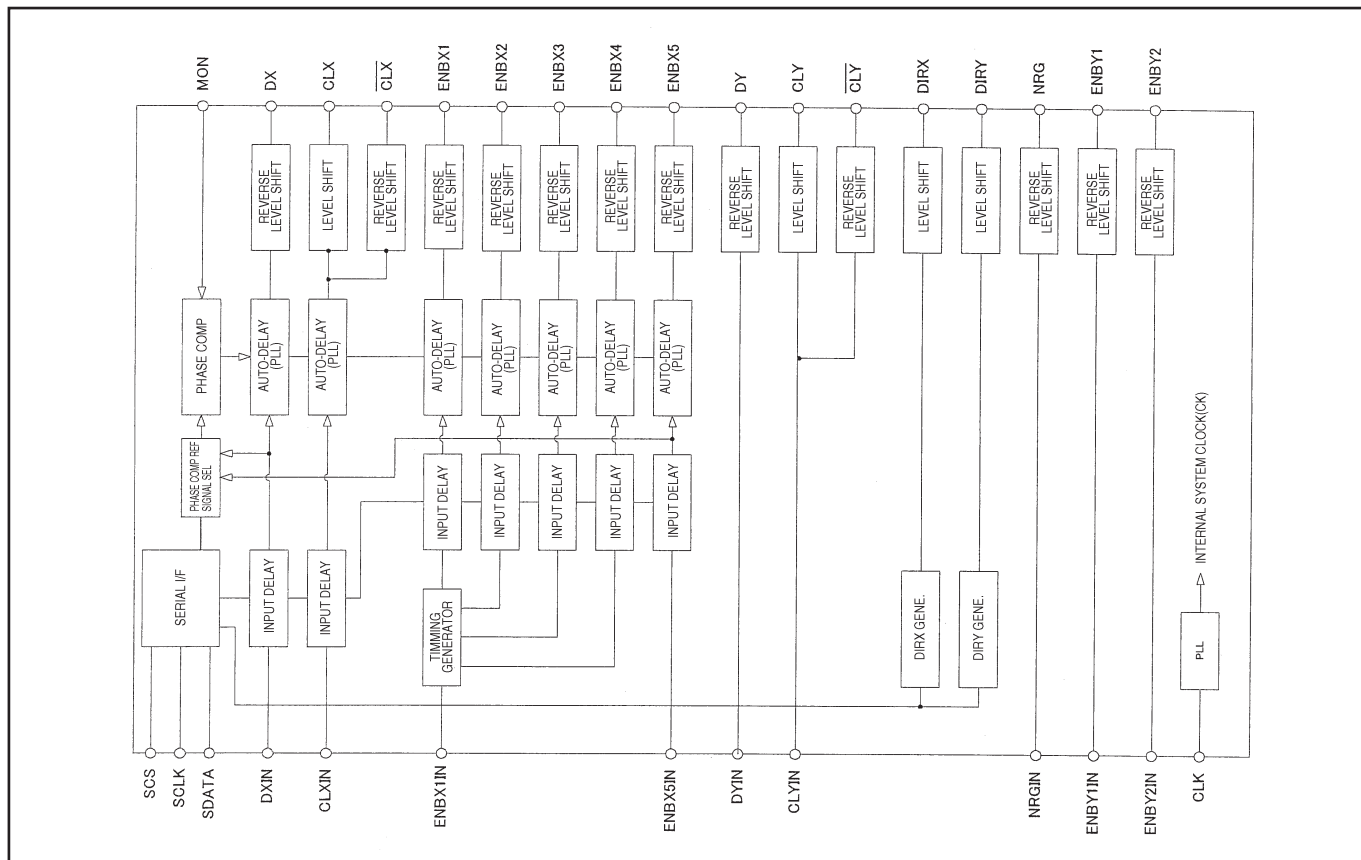




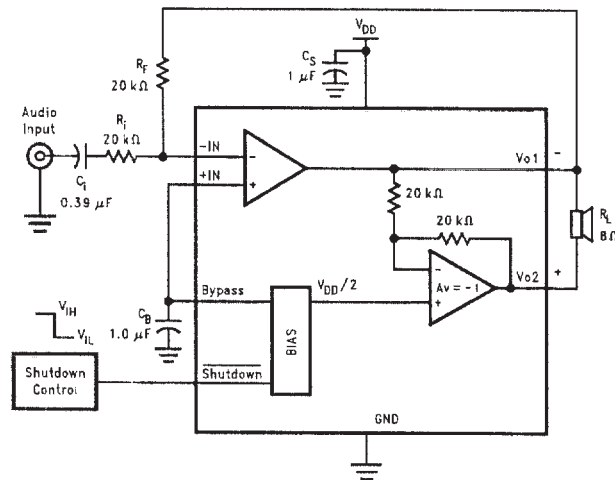
● L3E07111 <LCD Driver & Gamma Correction, IC401>



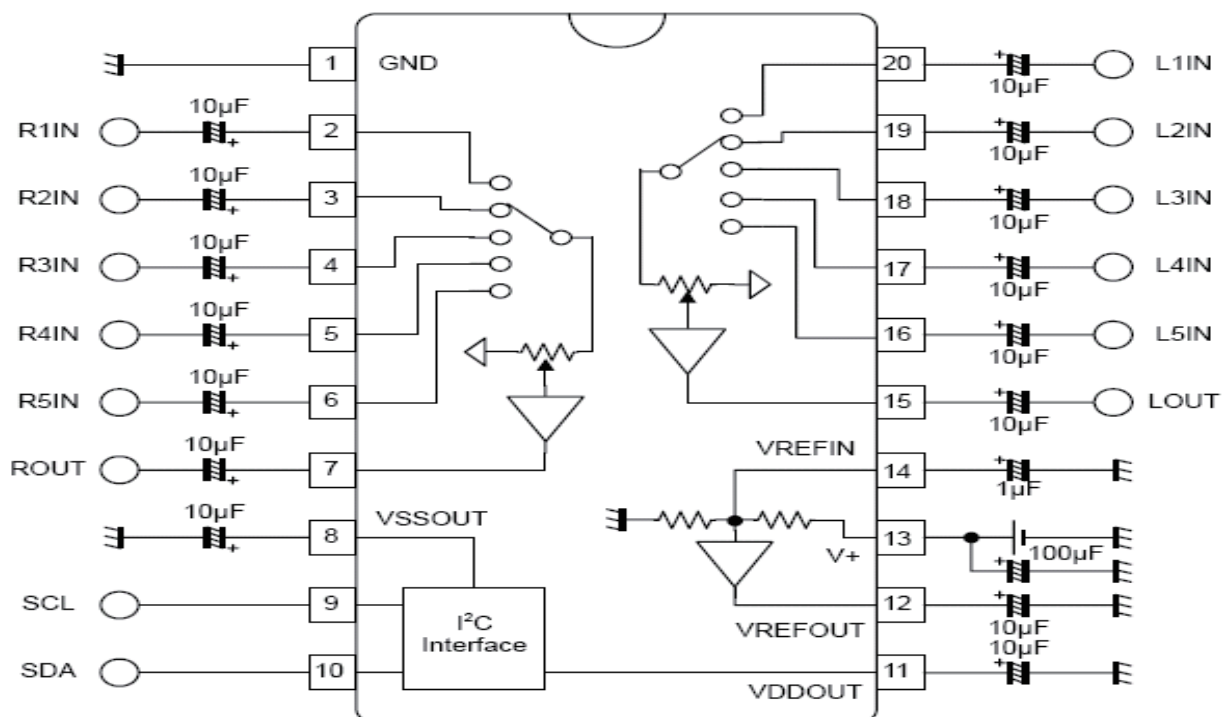
● L3E01060 <Level Shift, IC2531, IC2561>



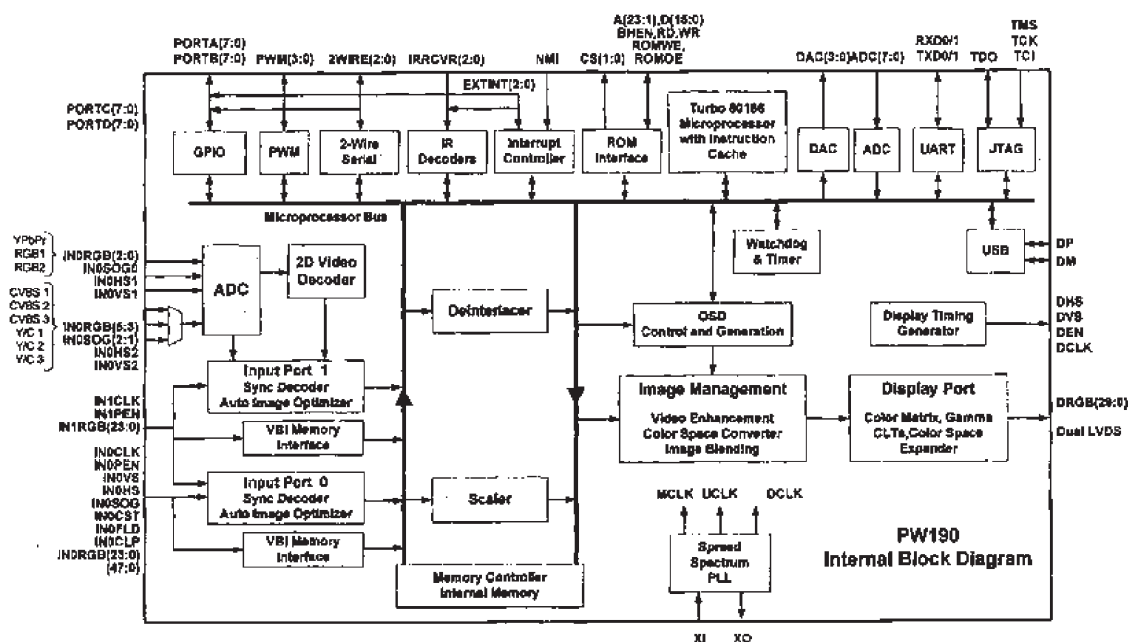
● LM4889 <Audio Output, IC5031>



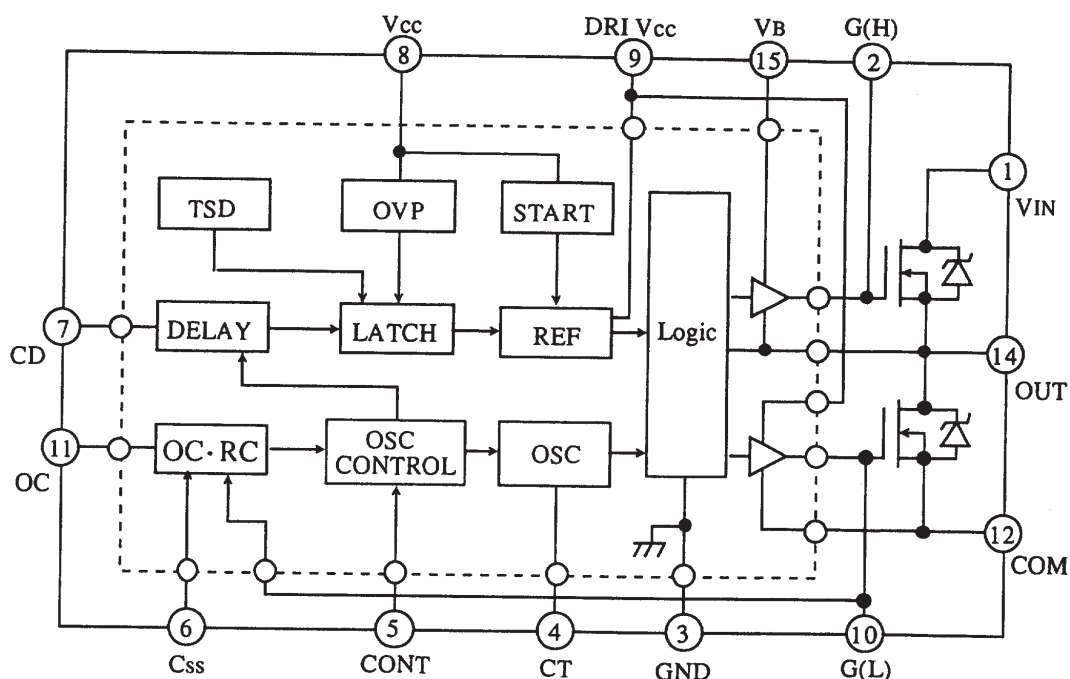
● NJW1156 <Audio Control, IC5001>



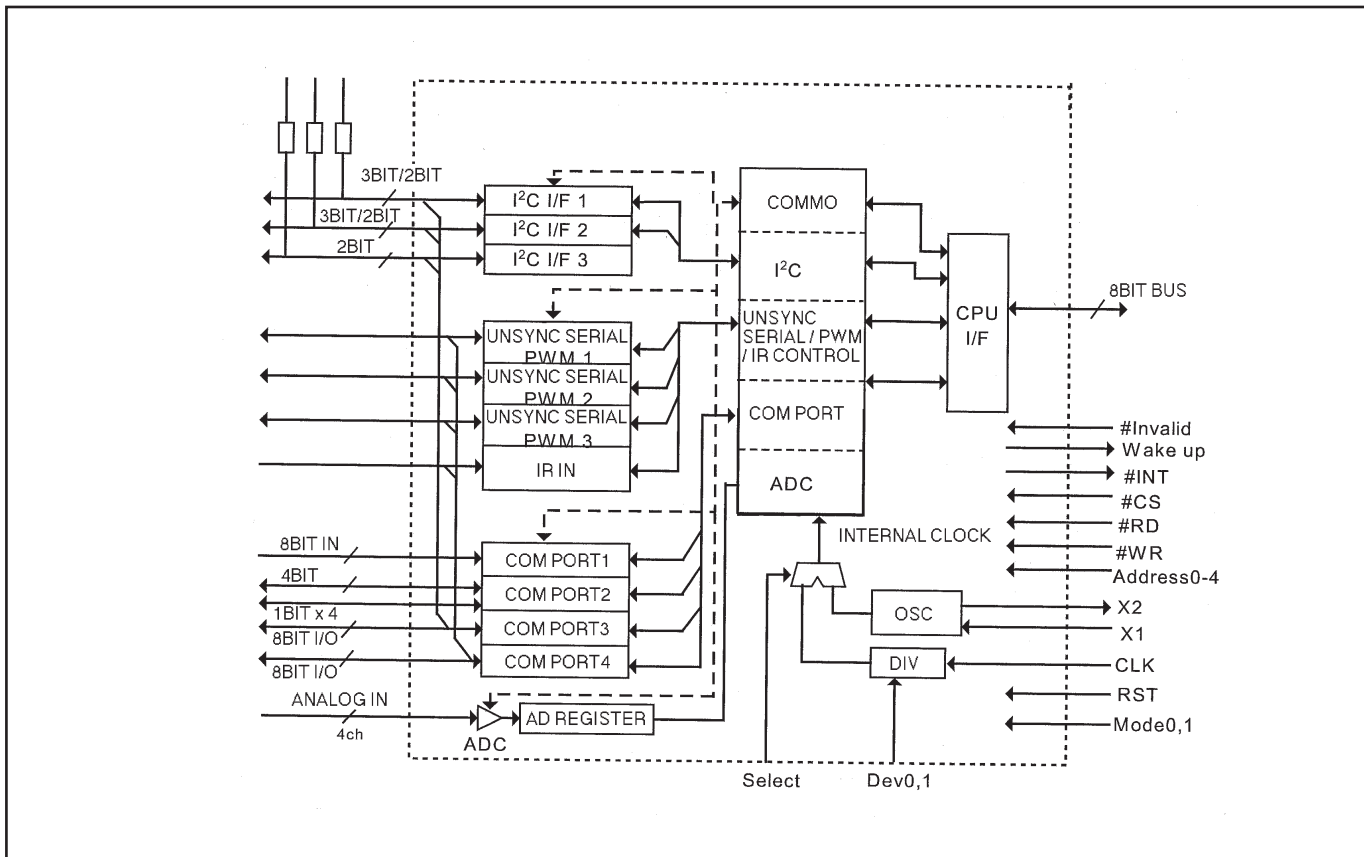
● PW190 <Scaler, IC301>



● STR-Z2156 <Power OSC, IC651>



● TE7783 <Parallel I/O Expander, IC1802>



Electrical Parts List

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:

CAPACITOR	CERAMIC	100P	K	50V	
					Rated Voltage
					Tolerance Symbols:
					Less than 10pF
					A : Not specified B : $\pm 0.1\text{pF}$ C : $\pm 0.25\text{pF}$
					D : $\pm 0.5\text{pF}$ E : $\pm 0.1\text{pF}$ F : $\pm 1\text{pF}$
					G : $\pm 2\text{pF}$ H : $\pm 0.1 - 0\text{pF}$ L : $\pm 0 - 0.1\text{pF}$
					R : $\pm 0.25 - 0\text{pF}$ S : $\pm 0 - 0.25\text{pF}$
					More than 10pF
					A : Not specified B : $\pm 0.1\%$ C : $\pm 0.25\%$
					D : $\pm 0.5\%$ F : $\pm 1\%$ G : $\pm 2\%$
					H : $\pm 3\%$ J : $\pm 5\%$ K : $\pm 10\%$
					L : $\pm 15\%$ M : $\pm 20\%$ N : $\pm 30\%$
					P : $\pm 100 - 0\%$ Q : $\pm 30 - 10\%$ T : $\pm 50 - 10\%$
					U : $\pm 75 - 10\%$ V : $\pm 20 - 10\%$ W : $\pm 100 - 10\%$
					X : $\pm 40 - 20\%$ Y : $\pm 150 - 10\%$ Z : $\pm 80 - 20\%$
					Rated value: P=pico farad, U=micro farad

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..... Aluminum 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..... Metallized Polyphenylene Sulfide Film
MT-PEN-FILM..... Metallized Polyethylenenaphthalate Film
CAPACITOR..... Other

RESISTOR	CARBON	4.7K	J	A	1/4W	
						Rated Wattage
						Performance Symbols:
						A: General B: Non flammable Z: Low noise
						Other: Temperature coefficient
						T: $\pm 10\text{ppm}/^\circ\text{C}$ U: $\pm 25\text{ppm}/^\circ\text{C}$ C: $\pm 50\text{ppm}/^\circ\text{C}$
						D: $\pm 100\text{ppm}/^\circ\text{C}$ E: $\pm 200\text{ppm}/^\circ\text{C}$ F: $\pm 250\text{ppm}/^\circ\text{C}$
						G: $\pm 350\text{ppm}/^\circ\text{C}$ H: $\pm 1000\text{ppm}/^\circ\text{C} \pm 10\%$ W: $\pm 1200\text{ppm}/^\circ\text{C} \pm 10\%$
						Y: $\pm 1400\text{ppm}/^\circ\text{C} \pm 10\%$ J: $\pm 2000\text{ppm}/^\circ\text{C} \pm 10\%$ K: $\pm 2400\text{ppm}/^\circ\text{C} \pm 10\%$
						L: $\pm 2700\text{ppm}/^\circ\text{C} \pm 10\%$ M: $\pm 3000\text{ppm}/^\circ\text{C} \pm 10\%$ N: $\pm 3300\text{ppm}/^\circ\text{C} \pm 10\%$
						P: $\pm 3600\text{ppm}/^\circ\text{C} \pm 10\%$ Q: $\pm 3900\text{ppm}/^\circ\text{C} \pm 10\%$ R: $\pm 4200\text{ppm}/^\circ\text{C} \pm 10\%$
						S: $\pm 4300\text{ppm}/^\circ\text{C} \pm 10\%$ V: $\pm 4500\text{ppm}/^\circ\text{C} \pm 10\%$ X: $\pm 8000\text{ppm}/^\circ\text{C} \pm 10\%$
						Tolerance Symbols:
						A: $\pm 0.05\%$ B: $\pm 0.1\%$ C: $\pm 0.25\%$ D: $\pm 0.5\%$
						F: $\pm 1\%$ G: $\pm 2\%$ J: $\pm 5\%$ K: $\pm 10\%$
						M: $\pm 20\%$ P: $\pm 5 - 15\%$ Z: 0 ohm
						Rated value, ohms:
						K: 1,000, M: 1,000,000

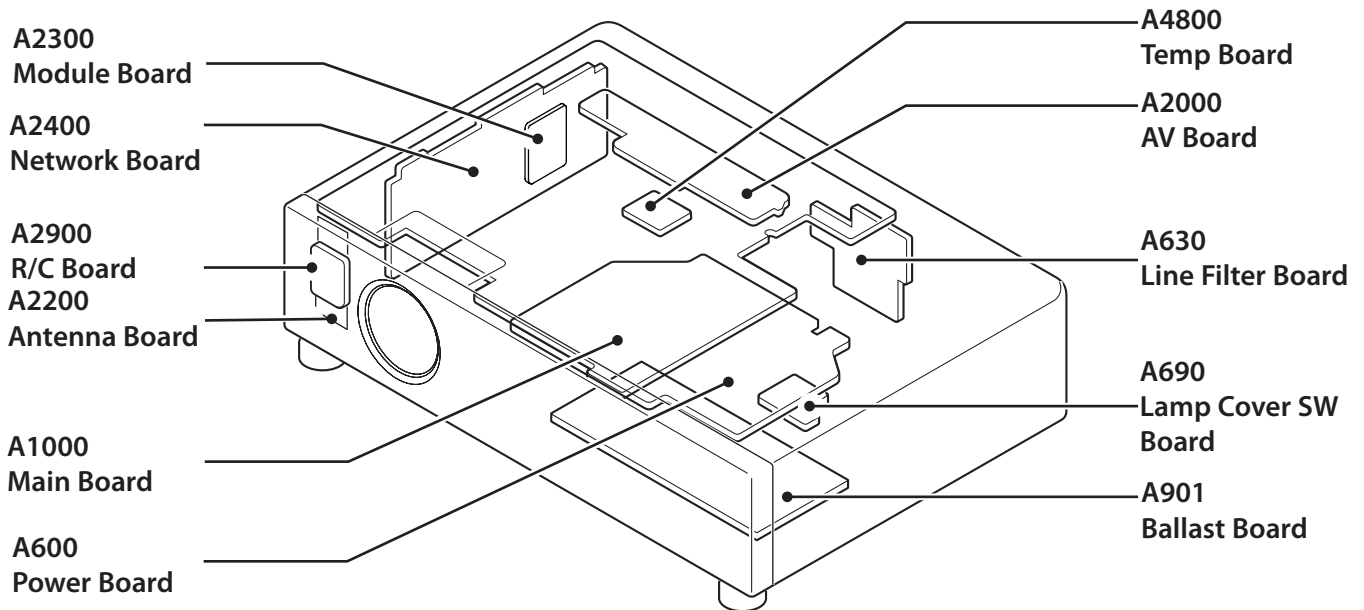
Material:

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

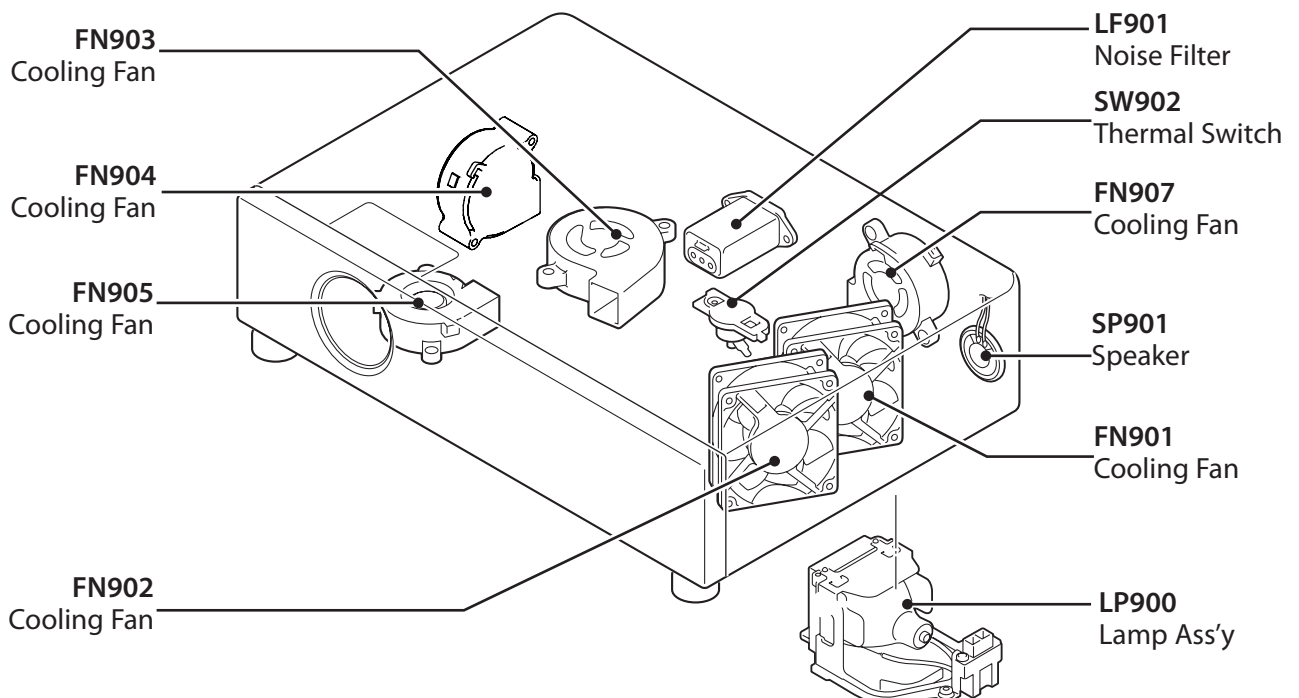
Electrical Parts List

Electrical Parts Location

● Assembled Boards



● Out Of Circuit Board



Electrical Parts List

Electrical Parts List

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

Key No. Part No.			Description	Key No. Part No.			Description
ASSEMBLED BOARD							
△A600	655	001	9837	ASSY,PWB,POWER	KB3AC		
△A630	655	001	9752	ASSY,PWB,LINE	FILTER KB3AC		
△A2000	655	002	1649	ASSY,PWB,AV	KG3AC		
△A690	655	002	1663	ASSY,PWB,LAMP	COVER SW KG3AC		
△A2900	655	001	9707	ASSY,PWB,R/CS.	KB3AC		
△A4800	655	001	9592	ASSY,PWB,TEMP.	KB3AC		
△A1000	655	002	3605	ASSY,PWB,MAIN	KF3BC		
△A2000	665	002	3582	ASSY,PWB,NETWORK	KF3AC		
△A2100	655	002	3575	ASSY,PWB,MODULE	KF3AC		
△A2200	655	002	3568	ASSY,PWB,ANTENNA	KF3AC		
OUT OF CIRCUIT BOARD							
L901	945	023	4959	CORE,CLAMP			
△LF901	645	091	5765	UNIT,NOISE	FILTER		
△LP900	610	336	0058	COMPL,OPTICAL	LAMP A KM6AC		
△FN901	645	091	3693	MOTOR,FAN	DC 2.40W		
△FN902	645	091	3693	MOTOR,FAN	DC 2.40W		
△FN903	945	079	2145	MOTOR,BLW	DC 2.76W		
△FN904	645	093	1345	MOTOR,BLW	DC 3.96W		
△FN905	645	095	8960	MOTOR,BLW	DC 1.92W		
△FN907	645	095	8953	MOTOR,BLW	DC 1.92W		
△SP901	652	002	3055	SPEAKER,8			
	652	002	4397	SPEAKER,8			
△SW902	945	048	3159	SWITCH,THERMAL(100DEG)			
△A901	645	093	3134	UNIR,BALLAST+CV			
655 001 9837 ASSY,PWB,POWER KB3AC							
TRANSISTOR							
Q601	405	218	6002	TR 2SK3934	LBS1		
Q602	405	218	6002	TR 2SK3934	LBS1		
Q621	305	014	4512	TR 2SC2412K	T146 R		
	305	014	4611	TR 2SC2412K	T146 S		
	305	015	8727	TR 2SC2812-L6-TB			
	305	015	8925	TR 2SC2812-L7-TB			
	305	163	1615	TR 2SC2812N-L6-TB0			
	305	173	9816	TR 2SC3928A1R			
	305	173	9915	TR 2SC3928A1S			
Q622	305	134	5928	TR 2SA1037AK-T146-R			
	305	147	2218	TR 2SA1037AK-S-T146			
	305	173	9618	TR 2SA1235A1E			
	305	173	9717	TR 2SA1235A1F			
	405	220	3115	TR ISA1235AC1E			
	405	220	3016	TR ISA1235AC1F			
Q651	305	134	5928	TR 2SA1037AK-T146-R			
	305	147	2218	TR 2SA1037AK-S-T146			
	305	173	9618	TR 2SA1235A1E			
	305	173	9717	TR 2SA1235A1F			
	405	220	3115	TR ISA1235AC1E			
	405	220	3016	TR ISA1235AC1F			
Q652	305	014	4512	TR 2SC2412K	T146 R		
	305	014	4611	TR 2SC2412K	T146 S		
	305	015	8727	TR 2SC2812-L6-TB			
	305	015	8925	TR 2SC2812-L7-TB			
	305	163	1615	TR 2SC2812N-L6-TB0			
				305	173	9816	TR 2SC3928A1R
				305	173	9915	TR 2SC3928A1S
				INTEGRATED CIRCUIT			
				IC601	309	523	1413 IC FA5502M
				IC651	309	558	4202 IC STR-Z2156A
				IC681	309	344	6522 IC UPC1093T-E1
				CAPACITOR			
				C607	303	371	8518 MT-POLYEST 1U K 400V
					303	427	2019 MT-POLYEST 1U K 400V
					303	451	4119 MT-POLYEST 1U K 450V
				C608	303	222	1326 CERAMIC 1000P K 1K
				C609	303	222	1326 CERAMIC 1000P K 1K
				C611	303	371	8518 MT-POLYEST 1U K 400V
					303	427	2019 MT-POLYEST 1U K 400V
					303	451	4119 MT-POLYEST 1U K 450V
				C612	303	433	2812 ELECT 220U M 35V
				C613	303	410	7113 ELECT 100U M 25V
				C614	303	410	7113 ELECT 100U M 25V
				C616	404	115	2704 ELECT 330U M 420V
					404	115	6306 ELECT 330U M 420V
				C618	303	427	1814 MT-POLYEST 0.1U K 450V
				C619	303	298	9612 CERAMIC 0.1U K 16V
				C621	303	205	2811 CERAMIC 0.047U K 25V
				C622	303	157	6417 CERAMIC 330P K 50V
					304	091	3804 CERAMIC 330P K 50V
				C623	303	215	2214 CERAMIC 0.01U K 50V
				C624	303	342	3313 CERAMIC 0.1U K 25V
				C625	303	402	3918 ELECT 4.7U M 50V
				C626	303	342	3313 CERAMIC 0.1U K 25V
				C627	303	342	3313 CERAMIC 0.1U K 25V
				C628	303	157	3317 CERAMIC 68P J 50V
					304	094	9001 CERAMIC 68P J 50V
				C629	303	157	6615 CERAMIC 470P K 50V
					304	091	4306 CERAMIC 470P K 50V
				C631	303	298	9612 CERAMIC 0.1U K 16V
				C632	303	342	3313 CERAMIC 0.1U K 25V
				C633	303	342	3313 CERAMIC 0.1U K 25V
				C636	303	427	1814 MT-POLYEST 0.1U K 450V
				C650	303	342	3313 CERAMIC 0.1U K 25V
				C651	303	268	7013 TA-SOLID 2.2U M 35V
				C652	303	256	2419 CERAMIC 0.22U Z 50V
				C653	303	113	3818 CERAMIC 1000P K 50V
					304	090	1108 CERAMIC 1000P K 50V
				C654	303	247	3319 CERAMIC 330P K 2K
				C656	303	342	3313 CERAMIC 0.1U K 25V
				C657	303	218	8817 CERAMIC 220P K 2K
				C658	303	083	4310 POLYPRO 0.022U J 400V

Electrical Parts List

Key No. Part No. Description					Key No. Part No. Description				
C659	303 157 6813	CERAMIC	680P K	50V	R673	301 162 3711	MT-GLAZE	4.7K JA	1/10W
	304 091 4900	CERAMIC	680P K	50V	R674	301 256 2613	MT-GLAZE	2.4K JA	1/10W
C661	303 208 1415	TA-SOLID	1U M	25V	R679	301 264 6511	MT-GLAZE	2.2K FA	1/10W
	303 411 5712	TA-SOLID	1U M	25V	R681	301 150 5918	MT-GLAZE	10K JA	1/10W
C662	303 411 1823	ELECT	220U M	35V	R682	301 256 6215	MT-GLAZE	270 JA	1/10W
C663	303 342 3313	CERAMIC	0.1U K	25V	R683	301 150 6212	MT-GLAZE	1K JA	1/10W
C664	303 281 5218	CERAMIC	0.22U Z	16V	R684	301 150 5918	MT-GLAZE	10K JA	1/10W
C681	303 410 7509	ELECT	4700U M	25V	R686	301 162 3414	MT-GLAZE	39K JA	1/10W
C682	303 342 3313	CERAMIC	0.1U K	25V	R687	301 265 2611	MT-GLAZE	5.1K FA	1/10W
C683	303 445 3903	ELECT	3900U M	10V	R688	301 150 5918	MT-GLAZE	10K JA	1/10W
C684	303 342 3313	CERAMIC	0.1U K	25V	R692	301 150 6212	MT-GLAZE	1K JA	1/10W
C685	303 399 2126	ELECT	220U M	16V	R693	301 150 5918	MT-GLAZE	10K JA	1/10W
C686	303 348 5826	CERAMIC	0.47U K	10V	R694	301 162 3711	MT-GLAZE	4.7K JA	1/10W
C688	303 342 3313	CERAMIC	0.1U K	25V	R699	301 238 4215	MT-GLAZE	1.5K JA	1/3W
C691	303 224 5015	CERAMIC	0.15U Z	16V	VARIABLE RESISTOR				
C692	303 323 8818	CERAMIC	2.2U Z	16V	VR601	945 025 7415	VR,SEMI,1K	S	
C693	304 073 4508	CERAMIC	2200P K	250V	TRANSFORMER				
RESISTOR					T601	645 089 2561	INDUCTOR,700U		
R602	301 242 3914	MT-GLAZE	240K JA	1/2W	T651	945 085 7035	TRANS,POWER,PULSE		
R603	301 242 3914	MT-GLAZE	240K JA	1/2W	COIL				
R604	301 258 8217	MT-GLAZE	680 JA	1/3W	L603	945 081 4878	LINE FILTER		
R606	302 080 8809	MT-GLAZE	680 KA	1W	L611	645 089 2677	FILTER,EMI 1500PF		
R612	301 256 2613	MT-GLAZE	2.4K JA	1/10W	L614	645 089 2677	FILTER,EMI 1500PF		
R613	402 109 8206	RESISTER	0.15 JB	5W	L616	645 089 2677	FILTER,EMI 1500PF		
R614	402 109 8206	RESISTER	0.15 JB	5W	DIODE				
R615	301 255 6513	MT-GLAZE	100 JA	1/10W	D601	307 247 8827	DIODE RF101L2S		
R618	301 162 3711	MT-GLAZE	4.7K JA	1/10W	D602	307 247 8827	DIODE RF101L2S		
R619	301 150 6014	MT-GLAZE	0.000 ZA	1/10W	D603	307 164 4015	DIODE RB160L-40-TE25		
R620	301 255 6513	MT-GLAZE	100 JA	1/10W		307 149 6327	DIODE SFPB-54V		
R621	301 255 8715	MT-GLAZE	22 JA	1/10W	D604	307 225 4401	DIODE FMX-G26S		
R622	301 264 9918	MT-GLAZE	36K FA	1/10W	D605	307 223 0811	ZENER DIODE 02DZ22Y(TPH3)		
R624	301 162 2714	MT-GLAZE	180 JA	1/10W		307 221 7218	ZENER DIODE UDZS-TE-1722B		
R625	301 265 0914	MT-GLAZE	4.7 JA	1/10W	D606	307 163 0414	DIODE 1SS352-(TPH3)		
R626	301 152 3219	MT-GLAZE	330 JA	1/10W		307 149 0810	DIODE 1SS355-TE-17		
R627	301 265 0914	MT-GLAZE	4.7 JA	1/10W		408 062 7201	DIODE 1SS35		
R628	301 255 6513	MT-GLAZE	100 JA	1/10W	D607	307 163 0414	DIODE 1SS352-(TPH3)		
R630	301 256 7519	MT-GLAZE	390 JA	1/10W		307 149 0810	DIODE 1SS355-TE-17		
R631	301 150 5918	MT-GLAZE	10K JA	1/10W		408 062 7201	DIODE 1SS35		
R632	301 150 6410	MT-GLAZE	4.3K JA	1/10W	D608	307 163 0414	DIODE 1SS352-(TPH3)		
R633	301 162 3810	MT-GLAZE	470K JA	1/10W		307 149 0810	DIODE 1SS355-TE-17		
R634	301 256 5812	MT-GLAZE	270K JA	1/10W		408 062 7201	DIODE 1SS35		
R635	301 255 6513	MT-GLAZE	100 JA	1/10W	D609	307 163 0414	DIODE 1SS352-(TPH3)		
R636	301 152 3110	MT-GLAZE	620 JA	1/10W		307 149 0810	DIODE 1SS355-TE-17		
R637	301 264 2810	MT-GLAZE	1.2K FA	1/10W		408 062 7201	DIODE 1SS35		
R638	301 259 9015	MT-GLAZE	150K FA	1/2W	D610	307 164 4015	DIODE RB160L-40-TE25		
R639	301 259 9015	MT-GLAZE	150K FA	1/2W		307 149 6327	DIODE SFPB-54V		
R641	301 259 9015	MT-GLAZE	150K FA	1/2W	D615	307 163 0414	DIODE 1SS352-(TPH3)		
R642	301 259 9015	MT-GLAZE	150K FA	1/2W		307 149 0810	DIODE 1SS355-TE-17		
R647	301 256 6611	MT-GLAZE	68K JA	1/10W		408 062 7201	DIODE 1SS35		
R648	301 162 2417	MT-GLAZE	1.2K JA	1/10W	D651	307 247 8827	DIODE RF101L2S		
R649	301 255 9514	MT-GLAZE	220K JA	1/10W	D652	407 256 3213	DIODE CRF03 (TE85L)		
R650	301 255 8517	MT-GLAZE	9.1K JA	1/10W	D653	307 223 0514	ZENER DIODE 02DZ12Y(TPH3)		
R651	301 237 0010	MT-GLAZE	47K JA	1W		307 221 7119	ZENER DIODE UDZS-TE-1712B		
R652	301 237 0010	MT-GLAZE	47K JA	1W	D654	307 163 0414	DIODE 1SS352-(TPH3)		
R653	301 237 0010	MT-GLAZE	47K JA	1W		307 149 0810	DIODE 1SS355-TE-17		
R654	301 237 0010	MT-GLAZE	47K JA	1W		408 062 7201	DIODE 1SS35		
R655	301 162 4015	MT-GLAZE	560 JA	1/10W	D681	307 202 9801	DIODE FMB-26L		
R656	301 237 0010	MT-GLAZE	47K JA	1W		307 253 7504	DIODE RB085T-60		
R657	301 237 0010	MT-GLAZE	47K JA	1W	D682	307 202 9801	DIODE FMB-26L		
R658	302 081 2905	FUSIBLE RES	22 JH	1/2W		307 253 7504	DIODE RB085T-60		
R659	301 238 4512	MT-GLAZE	47 JA	1/3W	D683	307 247 8827	DIODE RF101L2S		
R660	302 081 2905	FUSIBLE RES	22 JH	1/2W	D686	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)		
△R661	324 006 1305	FUSE	250V	2.5A					
R671	301 150 6212	MT-GLAZE	1K JA	1/10W					
R672	301 257 7419	MT-GLAZE	120 JA	1/3W					

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
	307 209 1214	ZD UDZS-TE-176.2B	L2011	945 086 7461	FILTER,EMI 100MHZ
D687	307 210 5416	DIODE RB551V-30-TE-17	L2021	945 086 7461	FILTER,EMI 100MHZ
DB601	307 143 6006	DIODE RBV-1506	L2031	945 086 7461	FILTER,EMI 100MHZ
	308 045 4909	DIODE RBV-1506 LF-B	L2051	945 086 7454	FILTER,EMI 50MHZ
DS601	307 219 0808	THYRISTOR TF861S	L2052	945 086 7454	FILTER,EMI 50MHZ
MISCELLANEOUS			L2056	945 086 7454	FILTER,EMI 50MHZ
FB601	910 244 3975	CORE	L2057	945 086 7454	FILTER,EMI 50MHZ
FB602	910 244 3975	CORE	L2061	945 086 7454	FILTER,EMI 50MHZ
△PC601	307 223 7315	PC TLP421F(D4-GB-TP4)	L2062	945 086 7454	FILTER,EMI 50MHZ
	307 223 8312	PC TLP421F(D4-GR-TP4)	DIODE		
△PC602	307 223 7315	PC TLP421F(D4-GB-TP4)	D2031	307 223 0514	ZENER DIODE 02DZ12Y(TPH3)
	307 223 8312	PC TLP421F(D4-GR-TP4)		307 221 7119	ZENER DIODE UDZS-TE-1712B
PTH601	308 037 5600	THERMISTOR NTPDB8R0LDHBO	MISCELLANEOUS		
PTH652	308 061 3900	TH PRF18BC471QB1RB	K20A	645 089 9041	SOCKET,DIN 4P
655 001 9752 ASSY,PWB,LINE FILTER KB3AC			K20B	945 068 3740	JACK,RCA-3
CAPACITOR			K20C	945 006 4792	JACK,PHONE D3.6
C601	304 079 5608	MT-POLYEST 0.47U M 275V		952 001 0070	JACK,PHONE D3.6
	304 094 2002	MT-POLYEST 0.47U K 275V		952 001 0971	JACK,PHONE D3.5
C602	404 113 2904	MT-POLYEST 0.33U K 275V	K20D	945 006 4792	JACK,PHONE D3.6
RESISTOR				952 001 0070	JACK,PHONE D3.6
R600	301 238 1016	MT-GLAZE 120K JA 1/2W		952 001 0971	JACK,PHONE D3.5
R601	301 238 1016	MT-GLAZE 120K JA 1/2W	SC2001	945 076 3503	SURGE-ABSORBER
VARIABLE RESISTOR			SC2011	945 076 3503	SURGE-ABSORBER
VA601	308 061 5607	VARISTOR ENE471D-14A-S6	SC2021	945 076 3503	SURGE-ABSORBER
COIL			SC2031	945 076 3503	SURGE-ABSORBER
L601	945 050 2232	LINE FILTER	SC2051	945 076 3503	SURGE-ABSORBER
MISCELLANEOUS			SC2052	945 076 3503	SURGE-ABSORBER
△F601	323 025 1204	FUSE 250V 8A	SC2056	945 076 3503	SURGE-ABSORBER
655 002 1649 ASSY,PWB,AV KG3AC			SC2057	945 076 3503	SURGE-ABSORBER
CAPACITOR			SC2058	945 076 3503	SURGE-ABSORBER
C2031	303 367 0410	CERAMIC 0.1U K 50V	SC2059	945 076 3503	SURGE-ABSORBER
	303 370 1510	CERAMIC 0.1U K 50V	655 002 1663 ASSY,PWB,LAMP COVER SW KG3AC		
C2061	303 157 3614	CERAMIC 100P J 50V	△SW901	945 063 5176	SWITCH,PUSH 2P-2TX3
C2062	303 157 3614	CERAMIC 100P J 50V	655 001 9707 ASSY,PWB,R/CS. KB3AC		
RESISTOR			CAPACITOR		
R2001	301 260 4115	MT-GLAZE 75 JA 1/3W	C2901	403 455 1012	CERAMIC 1U K 10V
R2003	301 150 6014	MT-GLAZE 0.000 ZA 1/10W		303 433 1112	CERAMIC 1U K 10V
R2008	301 150 6014	MT-GLAZE 0.000 ZA 1/10W	C2902	303 453 8719	CERAMIC 470P K 50V
R2011	301 260 4115	MT-GLAZE 75 JA 1/3W		303 453 9211	CERAMIC 470P K 50V
R2012	301 150 6014	MT-GLAZE 0.000 ZA 1/10W		303 282 5118	CERAMIC 470P K 50V
R2021	301 260 4115	MT-GLAZE 75 JA 1/3W	C2903	303 384 4712	TA-SOLID 47U M 6.3V
R2022	301 150 6014	MT-GLAZE 0.000 ZA 1/10W		303 449 1212	POS-SOLID 47U M 6.3V
R2031	301 255 6513	MT-GLAZE 100 JA 1/10W	RESISTOR		
R2051	301 150 5819	MT-GLAZE 100K JA 1/10W	R2901	301 225 1814	MT-GLAZE 47 JA 1/16W
R2052	301 150 5819	MT-GLAZE 100K JA 1/10W	R2902	301 224 8814	MT-GLAZE 100 JA 1/16W
R2056	301 150 5819	MT-GLAZE 100K JA 1/10W	DIODE		
R2057	301 150 5819	MT-GLAZE 100K JA 1/10W	D2901	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)
R2061	301 255 6513	MT-GLAZE 100 JA 1/10W	D6834	307 209 7513	LED SML-210YT T86 L
R2062	301 255 6513	MT-GLAZE 100 JA 1/10W	MISCELLANEOUS		
R2063	301 150 5819	MT-GLAZE 100K JA 1/10W	A2901	945 084 1997	UNIT,REMOCON RECEIVER
R2064	301 150 5819	MT-GLAZE 100K JA 1/10W	SC2901	945 076 3503	SURGE-ABSORBER
COIL			655 001 9592 ASSY,PWB,TEMP. KB3AC		
L2001	945 086 7461	FILTER,EMI 100MHZ	CAPACITOR		
			C4831	303 453 7019	CERAMIC 33P J 50V

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
	303 453 9617	CERAMIC 33P J 50V		305 014 4611	TR 2SC2412K T146 S
	303 276 3113	CERAMIC 33P J 50V		305 015 8727	TR 2SC2812-L6-TB
C4832	303 453 7019	CERAMIC 33P J 50V		305 015 8925	TR 2SC2812-L7-TB
	303 453 9617	CERAMIC 33P J 50V		305 163 1615	TR 2SC2812N-L6-TB0
	303 276 3113	CERAMIC 33P J 50V		305 173 9816	TR 2SC3928A1R
C4833	303 453 8917	CERAMIC 0.1U K 16V		305 173 9915	TR 2SC3928A1S
	303 453 8610	CERAMIC 0.1U K 16V	Q2071	305 014 4512	TR 2SC2412K T146 R
	303 409 3426	CERAMIC 0.1U K 16V		305 014 4611	TR 2SC2412K T146 S
C4834	303 358 3215	CERAMIC 10U K 6.3V		305 015 8727	TR 2SC2812-L6-TB
	303 370 0018	CERAMIC 10U K 6.3V		305 015 8925	TR 2SC2812-L7-TB
	303 368 7319	CERAMIC 10U K 6.3V		305 163 1615	TR 2SC2812N-L6-TB0
RESISTOR				305 173 9816	TR 2SC3928A1R
R4831	301 225 8110	MT-GLAZE 10 JA 1/16W		305 173 9915	TR 2SC3928A1S
R4832	301 225 8110	MT-GLAZE 10 JA 1/16W	Q331	305 191 5814	TR 3LN01C-TB-E
R4833	301 224 9019	MT-GLAZE 10K JA 1/16W	Q3582	306 017 8405	TR RTQ025P02-TR
R4835	301 226 1516	MT-GLAZE 0.000 ZA 1/16W	Q3583	305 014 4512	TR 2SC2412K T146 R
655 002 3605 ASSY,PWB,MAIN KF3BC				305 014 4611	TR 2SC2412K T146 S
TRANSISTOR				305 015 8727	TR 2SC2812-L6-TB
Q1011	305 014 4512	TR 2SC2412K T146 R		305 015 8925	TR 2SC2812-L7-TB
	305 014 4611	TR 2SC2412K T146 S		305 163 1615	TR 2SC2812N-L6-TB0
	305 015 8727	TR 2SC2812-L6-TB		305 173 9816	TR 2SC3928A1R
	305 015 8925	TR 2SC2812-L7-TB		305 173 9915	TR 2SC3928A1S
	305 163 1615	TR 2SC2812N-L6-TB0		305 173 9915	TR 2SC3928A1S
	305 173 9816	TR 2SC3928A1R	Q3601	305 014 4512	TR 2SC2412K T146 R
	305 173 9915	TR 2SC3928A1S		305 014 4611	TR 2SC2412K T146 S
Q1031	305 217 4913	TR RN1111 TE85L		305 015 8727	TR 2SC2812-L6-TB
Q1032	305 217 4913	TR RN1111 TE85L		305 015 8925	TR 2SC2812-L7-TB
Q1033	305 217 4913	TR RN1111 TE85L		305 163 1615	TR 2SC2812N-L6-TB0
Q1034	305 217 4913	TR RN1111 TE85L		305 173 9816	TR 2SC3928A1R
Q1036	305 217 4913	TR RN1111 TE85L		305 173 9915	TR 2SC3928A1S
Q1037	305 217 4913	TR RN1111 TE85L	Q3602	305 014 4512	TR 2SC2412K T146 R
Q1061	305 014 4512	TR 2SC2412K T146 R		305 014 4611	TR 2SC2412K T146 S
	305 014 4611	TR 2SC2412K T146 S		305 015 8727	TR 2SC2812-L6-TB
	305 015 8727	TR 2SC2812-L6-TB		305 015 8925	TR 2SC2812-L7-TB
	305 015 8925	TR 2SC2812-L7-TB		305 163 1615	TR 2SC2812N-L6-TB0
	305 163 1615	TR 2SC2812N-L6-TB0		305 173 9816	TR 2SC3928A1R
	305 173 9816	TR 2SC3928A1R		305 173 9915	TR 2SC3928A1S
	305 173 9915	TR 2SC3928A1S	Q3801	305 191 5814	TR 3LN01C-TB-E
Q1801	305 191 5814	TR 3LN01C-TB-E	Q5031	305 014 4512	TR 2SC2412K T146 R
Q1802	305 191 5814	TR 3LN01C-TB-E		305 014 4611	TR 2SC2412K T146 S
Q1803	305 014 4512	TR 2SC2412K T146 R		305 015 8727	TR 2SC2812-L6-TB
	305 014 4611	TR 2SC2412K T146 S		305 015 8925	TR 2SC2812-L7-TB
	305 015 8727	TR 2SC2812-L6-TB		305 163 1615	TR 2SC2812N-L6-TB0
	305 015 8925	TR 2SC2812-L7-TB		305 173 9816	TR 2SC3928A1R
	305 163 1615	TR 2SC2812N-L6-TB0		305 173 9915	TR 2SC3928A1S
	305 173 9816	TR 2SC3928A1R	Q5032	305 014 4512	TR 2SC2412K T146 R
	305 173 9915	TR 2SC3928A1S		305 014 4611	TR 2SC2412K T146 S
Q2001	305 014 4512	TR 2SC2412K T146 R		305 015 8727	TR 2SC2812-L6-TB
	305 014 4611	TR 2SC2412K T146 S		305 015 8925	TR 2SC2812-L7-TB
	305 015 8727	TR 2SC2812-L6-TB		305 163 1615	TR 2SC2812N-L6-TB0
	305 015 8925	TR 2SC2812-L7-TB		305 173 9816	TR 2SC3928A1R
	305 163 1615	TR 2SC2812N-L6-TB0		305 173 9915	TR 2SC3928A1S
	305 173 9816	TR 2SC3928A1R	Q5033	305 014 4512	TR 2SC2412K T146 R
	305 173 9915	TR 2SC3928A1S		305 014 4611	TR 2SC2412K T146 S
Q2011	305 014 4512	TR 2SC2412K T146 R		305 015 8727	TR 2SC2812-L6-TB
	305 014 4611	TR 2SC2412K T146 S		305 015 8925	TR 2SC2812-L7-TB
	305 015 8727	TR 2SC2812-L6-TB		305 163 1615	TR 2SC2812N-L6-TB0
	305 015 8925	TR 2SC2812-L7-TB		305 173 9816	TR 2SC3928A1R
	305 163 1615	TR 2SC2812N-L6-TB0		305 173 9915	TR 2SC3928A1S
	305 173 9816	TR 2SC3928A1R	Q5034	305 014 4512	TR 2SC2412K T146 R
	305 173 9915	TR 2SC3928A1S		305 014 4611	TR 2SC2412K T146 S
Q2021	305 014 4512	TR 2SC2412K T146 R		305 015 8727	TR 2SC2812-L6-TB
				305 015 8925	TR 2SC2812-L7-TB
				305 163 1615	TR 2SC2812N-L6-TB0
				305 173 9816	TR 2SC3928A1R
				305 173 9915	TR 2SC3928A1S
			Q5036	305 014 4512	TR 2SC2412K T146 R
				305 014 4611	TR 2SC2412K T146 S

Electrical Parts List

Key No. Part No. Description					Key No. Part No. Description				
Q5061	305 015 8727	TR 2SC2812-L6-TB	Q5304	305 002 6729	TR 2SA1179-M6-TB				
	305 015 8925	TR 2SC2812-L7-TB		305 002 6927	TR 2SA1179-M7-TB				
	305 163 1615	TR 2SC2812N-L6-TB0		305 163 1516	TR 2SA1179N-M6-TB				
	305 173 9816	TR 2SC3928A1R		305 173 9618	TR 2SA1235A1E				
	305 173 9915	TR 2SC3928A1S		305 173 9717	TR 2SA1235A1F				
	305 014 4512	TR 2SC2412K T146 R		305 014 4512	TR 2SC2412K T146 R				
	305 014 4611	TR 2SC2412K T146 S		305 014 4611	TR 2SC2412K T146 S				
	305 015 8727	TR 2SC2812-L6-TB		305 015 8727	TR 2SC2812-L6-TB				
	305 015 8925	TR 2SC2812-L7-TB		305 015 8925	TR 2SC2812-L7-TB				
	305 163 1615	TR 2SC2812N-L6-TB0		305 163 1615	TR 2SC2812N-L6-TB0				
Q5062	305 173 9816	TR 2SC3928A1R	Q5331	305 173 9816	TR 2SC3928A1R				
	305 173 9915	TR 2SC3928A1S		305 173 9915	TR 2SC3928A1S				
	305 014 4512	TR 2SC2412K T146 R		305 014 4512	TR 2SC2412K T146 R				
	305 014 4611	TR 2SC2412K T146 S		305 014 4611	TR 2SC2412K T146 S				
	305 015 8727	TR 2SC2812-L6-TB		305 015 8727	TR 2SC2812-L6-TB				
	305 015 8925	TR 2SC2812-L7-TB		305 015 8925	TR 2SC2812-L7-TB				
	305 163 1615	TR 2SC2812N-L6-TB0		305 163 1615	TR 2SC2812N-L6-TB0				
	305 173 9816	TR 2SC3928A1R		305 173 9816	TR 2SC3928A1R				
	305 173 9915	TR 2SC3928A1S		305 173 9915	TR 2SC3928A1S				
	Q5063	305 014 4512		TR 2SC2412K T146 R	Q5332	305 134 5928	TR 2SA1037AK-T146-R		
305 014 4611		TR 2SC2412K T146 S	305 147 2218	TR 2SA1037AK-S-T146					
305 015 8727		TR 2SC2812-L6-TB	305 002 0311	TR 2SA1037K T146 R					
305 015 8925		TR 2SC2812-L7-TB	305 002 0410	TR 2SA1037K T146 S					
305 163 1615		TR 2SC2812N-L6-TB0	305 002 6729	TR 2SA1179-M6-TB					
305 173 9816		TR 2SC3928A1R	305 002 6927	TR 2SA1179-M7-TB					
305 173 9915		TR 2SC3928A1S	305 163 1516	TR 2SA1179N-M6-TB					
305 014 4512		TR 2SC2412K T146 R	305 173 9618	TR 2SA1235A1E					
305 014 4611		TR 2SC2412K T146 S	305 173 9717	TR 2SA1235A1F					
305 015 8727		TR 2SC2812-L6-TB	Q5333	305 134 5928		TR 2SA1037AK-T146-R			
305 015 8925	TR 2SC2812-L7-TB	305 147 2218		TR 2SA1037AK-S-T146					
305 163 1615	TR 2SC2812N-L6-TB0	305 002 0311		TR 2SA1037K T146 R					
305 173 9816	TR 2SC3928A1R	305 002 0410		TR 2SA1037K T146 S					
305 173 9915	TR 2SC3928A1S	305 002 6729		TR 2SA1179-M6-TB					
305 014 4512	TR 2SC2412K T146 R	305 002 6927		TR 2SA1179-M7-TB					
305 014 4611	TR 2SC2412K T146 S	305 163 1516		TR 2SA1179N-M6-TB					
305 015 8727	TR 2SC2812-L6-TB	305 173 9618		TR 2SA1235A1E					
305 015 8925	TR 2SC2812-L7-TB	305 173 9717		TR 2SA1235A1F					
Q5201	305 163 1615	TR 2SC2812N-L6-TB0		Q5334	305 014 4512	TR 2SC2412K T146 R			
	305 173 9816	TR 2SC3928A1R	305 014 4611		TR 2SC2412K T146 S				
	305 173 9915	TR 2SC3928A1S	305 015 8727		TR 2SC2812-L6-TB				
	305 014 4512	TR 2SC2412K T146 R	305 015 8925		TR 2SC2812-L7-TB				
	305 014 4611	TR 2SC2412K T146 S	305 163 1615		TR 2SC2812N-L6-TB0				
	305 015 8727	TR 2SC2812-L6-TB	305 173 9816		TR 2SC3928A1R				
	305 015 8925	TR 2SC2812-L7-TB	305 173 9915		TR 2SC3928A1S				
	305 163 1615	TR 2SC2812N-L6-TB0	Q5336		305 134 5928	TR 2SA1037AK-T146-R			
	305 173 9816	TR 2SC3928A1R			305 147 2218	TR 2SA1037AK-S-T146			
	305 173 9915	TR 2SC3928A1S			305 002 0311	TR 2SA1037K T146 R			
305 014 4512	TR 2SC2412K T146 R	305 002 0410		TR 2SA1037K T146 S					
305 014 4611	TR 2SC2412K T146 S	305 002 6729		TR 2SA1179-M6-TB					
305 015 8727	TR 2SC2812-L6-TB	305 002 6927		TR 2SA1179-M7-TB					
305 015 8925	TR 2SC2812-L7-TB	305 163 1516		TR 2SA1179N-M6-TB					
305 163 1615	TR 2SC2812N-L6-TB0	305 173 9618		TR 2SA1235A1E					
305 173 9816	TR 2SC3928A1R	305 173 9717		TR 2SA1235A1F					
Q5301	305 173 9915	TR 2SC3928A1S		Q5751	305 217 8515	TR RSQ025P03-TR			
	305 014 4512	TR 2SC2412K T146 R	Q5752		305 014 4512	TR 2SC2412K T146 R			
	305 014 4611	TR 2SC2412K T146 S			305 014 4611	TR 2SC2412K T146 S			
	305 015 8727	TR 2SC2812-L6-TB			305 015 8727	TR 2SC2812-L6-TB			
	305 015 8925	TR 2SC2812-L7-TB			305 015 8925	TR 2SC2812-L7-TB			
	305 163 1615	TR 2SC2812N-L6-TB0			305 163 1615	TR 2SC2812N-L6-TB0			
	305 173 9816	TR 2SC3928A1R			305 173 9816	TR 2SC3928A1R			
	305 173 9915	TR 2SC3928A1S			305 173 9915	TR 2SC3928A1S			
	305 014 4512	TR 2SC2412K T146 R			Q5753	305 014 4512	TR 2SC2412K T146 R		
	305 014 4611	TR 2SC2412K T146 S				305 014 4611	TR 2SC2412K T146 S		
305 015 8727	TR 2SC2812-L6-TB	305 015 8727		TR 2SC2812-L6-TB					
305 015 8925	TR 2SC2812-L7-TB	305 015 8925	TR 2SC2812-L7-TB						
305 163 1615	TR 2SC2812N-L6-TB0	305 163 1615	TR 2SC2812N-L6-TB0						
305 173 9816	TR 2SC3928A1R	305 173 9816	TR 2SC3928A1R						
305 173 9915	TR 2SC3928A1S	305 173 9915	TR 2SC3928A1S						
305 014 4512	TR 2SC2412K T146 R	305 014 4512	TR 2SC2412K T146 R						
305 014 4611	TR 2SC2412K T146 S	305 014 4611	TR 2SC2412K T146 S						
305 015 8727	TR 2SC2812-L6-TB	305 015 8727	TR 2SC2812-L6-TB						
Q5302	305 015 8925	TR 2SC2812-L7-TB	305 015 8925	TR 2SC2812-L7-TB					
	305 163 1615	TR 2SC2812N-L6-TB0	305 163 1615	TR 2SC2812N-L6-TB0					
	305 173 9816	TR 2SC3928A1R	305 173 9816	TR 2SC3928A1R					
	305 173 9915	TR 2SC3928A1S	305 173 9915	TR 2SC3928A1S					
	305 134 5928	TR 2SA1037AK-T146-R	Q5753	305 014 4512	TR 2SC2412K T146 R				
	305 147 2218	TR 2SA1037AK-S-T146		305 014 4611	TR 2SC2412K T146 S				
	305 002 0311	TR 2SA1037K T146 R		305 015 8727	TR 2SC2812-L6-TB				
	305 002 0410	TR 2SA1037K T146 S		305 015 8925	TR 2SC2812-L7-TB				
	305 002 6729	TR 2SA1179-M6-TB		305 163 1615	TR 2SC2812N-L6-TB0				
	305 002 6927	TR 2SA1179-M7-TB		305 173 9816	TR 2SC3928A1R				
305 163 1516	TR 2SA1179N-M6-TB	305 173 9915		TR 2SC3928A1S					
305 173 9618	TR 2SA1235A1E	305 014 4512		TR 2SC2412K T146 R					
305 173 9717	TR 2SA1235A1F	305 014 4611		TR 2SC2412K T146 S					
Q5303	305 134 5928	TR 2SA1037AK-T146-R		305 015 8727	TR 2SC2812-L6-TB				
	305 147 2218	TR 2SA1037AK-S-T146	305 015 8925	TR 2SC2812-L7-TB					
	305 002 0311	TR 2SA1037K T146 R	305 163 1615	TR 2SC2812N-L6-TB0					
	305 002 0410	TR 2SA1037K T146 S	305 173 9816	TR 2SC3928A1R					

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
	305 173 9915	TR 2SC3928A1S		305 173 9816	TR 2SC3928A1R
Q5821	306 017 8405	TR RTQ025P02-TR		305 173 9915	TR 2SC3928A1S
Q5841	306 017 8405	TR RTQ025P02-TR	Q7811	305 014 4512	TR 2SC2412K T146 R
Q5861	306 017 8405	TR RTQ025P02-TR		305 014 4611	TR 2SC2412K T146 S
Q6841	305 014 4512	TR 2SC2412K T146 R		305 015 8727	TR 2SC2812-L6-TB
	305 014 4611	TR 2SC2412K T146 S		305 015 8925	TR 2SC2812-L7-TB
	305 015 8727	TR 2SC2812-L6-TB		305 163 1615	TR 2SC2812N-L6-TB0
	305 015 8925	TR 2SC2812-L7-TB		305 173 9816	TR 2SC3928A1R
	305 163 1615	TR 2SC2812N-L6-TB0		305 173 9915	TR 2SC3928A1S
	305 173 9816	TR 2SC3928A1R	Q7812	305 217 8515	TR RSQ025P03-TR
	305 173 9915	TR 2SC3928A1S	Q7813	305 139 7719	TR IMZ1A-T108
Q6842	305 014 4512	TR 2SC2412K T146 R	Q7841	305 014 4512	TR 2SC2412K T146 R
	305 014 4611	TR 2SC2412K T146 S		305 014 4611	TR 2SC2412K T146 S
	305 015 8727	TR 2SC2812-L6-TB		305 015 8727	TR 2SC2812-L6-TB
	305 015 8925	TR 2SC2812-L7-TB		305 015 8925	TR 2SC2812-L7-TB
	305 163 1615	TR 2SC2812N-L6-TB0		305 163 1615	TR 2SC2812N-L6-TB0
	305 173 9816	TR 2SC3928A1R		305 173 9816	TR 2SC3928A1R
	305 173 9915	TR 2SC3928A1S		305 173 9915	TR 2SC3928A1S
Q6843	305 014 4512	TR 2SC2412K T146 R	Q7842	305 217 8515	TR RSQ025P03-TR
	305 014 4611	TR 2SC2412K T146 S	Q7844	305 139 7719	TR IMZ1A-T108
	305 015 8727	TR 2SC2812-L6-TB	Q7862	305 217 8515	TR RSQ025P03-TR
	305 015 8925	TR 2SC2812-L7-TB	Q7864	305 139 7719	TR IMZ1A-T108
	305 163 1615	TR 2SC2812N-L6-TB0	Q8112	305 014 4512	TR 2SC2412K T146 R
	305 173 9816	TR 2SC3928A1R		305 014 4611	TR 2SC2412K T146 S
	305 173 9915	TR 2SC3928A1S		305 015 8727	TR 2SC2812-L6-TB
Q6844	305 014 4512	TR 2SC2412K T146 R		305 015 8925	TR 2SC2812-L7-TB
	305 014 4611	TR 2SC2412K T146 S		305 163 1615	TR 2SC2812N-L6-TB0
	305 015 8727	TR 2SC2812-L6-TB		305 173 9816	TR 2SC3928A1R
	305 015 8925	TR 2SC2812-L7-TB		305 173 9915	TR 2SC3928A1S
	305 163 1615	TR 2SC2812N-L6-TB0	Q9643	405 219 1610	TR RTQ020N03-TR
	305 173 9816	TR 2SC3928A1R	INTEGRATED CIRCUIT		
	305 173 9915	TR 2SC3928A1S	IC1041	310 517 6809	IC TC74LVX4053FT
Q6845	305 014 4512	TR 2SC2412K T146 R	IC1051	309 462 0327	IC 24LC21AT/SN
	305 014 4611	TR 2SC2412K T146 S	IC1301	310 616 3402	IC PST413A300NR
	305 015 8727	TR 2SC2812-L6-TB		410 647 7902	IC MCP103T-300
	305 015 8925	TR 2SC2812-L7-TB	IC1306	309 559 9018	IC AMS1117-3.3
	305 163 1615	TR 2SC2812N-L6-TB0	IC1351	310 479 4004	IC TC7WBD125AFK
	305 173 9816	TR 2SC3928A1R	IC1391	310 538 4907	IC 24LC64T-I/SNG
	305 173 9915	TR 2SC3928A1S	IC1802	309 671 7817	IC TE7783APF
Q6846	305 134 5928	TR 2SA1037AK-T146-R		309 633 6117	IC TE7783PF
	305 147 2218	TR 2SA1037AK-S-T146	IC213	309 487 5727	IC TC7SZ125FU
	305 002 0311	TR 2SA1037K T146 R	IC214	309 487 5727	IC TC7SZ125FU
	305 002 0410	TR 2SA1037K T146 S	IC301	309 670 8419	IC PW190-10L
	305 002 6729	TR 2SA1179-M6-TB	IC3801	309 652 0714	IC HIN202E1BNZ-T
	305 002 6927	TR 2SA1179-M7-TB	IC3851	309 644 3310	IC MXA2500EL
	305 163 1516	TR 2SA1179N-M6-TB	IC4001	409 677 4619	IC EL5308IUZ
	305 173 9618	TR 2SA1235A1E	IC4011	310 348 7501	IC TC7WT241FU (TE12L)
	305 173 9717	TR 2SA1235A1F	IC4891	309 404 7213	IC TC7SET00FU- (TE85L)
Q6847	305 014 4512	TR 2SC2412K T146 R	IC5001	409 683 5716	IC NJW1156AV
	305 014 4611	TR 2SC2412K T146 S	IC5031	309 594 1916	IC LM4889MM
	305 015 8727	TR 2SC2812-L6-TB	IC5081	309 578 6210	IC PQ1M505M2SPQ
	305 015 8925	TR 2SC2812-L7-TB	IC5201	309 530 7217	IC AN5870SB-E1V
	305 163 1615	TR 2SC2812N-L6-TB0	IC5302	309 439 8919	IC TC7WH125FU
	305 173 9816	TR 2SC3928A1R	IC5461	309 608 9112	IC BAJ2CCOWFP
	305 173 9915	TR 2SC3928A1S	IC5601	309 578 6210	IC PQ1M505M2SPQ
Q7801	305 014 4512	TR 2SC2412K T146 R	IC5621	409 687 2018	IC BD10KA5WFP-E2
	305 014 4611	TR 2SC2412K T146 S	IC5701	309 461 7822	IC PQ20WZ11
	305 015 8727	TR 2SC2812-L6-TB	IC5751	309 531 6229	IC FA7701V-TE1
	305 015 8925	TR 2SC2812-L7-TB	IC5801	309 567 3213	IC FA7711V-TE1
	305 163 1615	TR 2SC2812N-L6-TB0	IC7811	309 675 1316	IC FA7703V-H1
	305 173 9816	TR 2SC3928A1R	IC7841	309 531 6229	IC FA7701V-TE1
	305 173 9915	TR 2SC3928A1S	IC8001	410 641 3801	IC SII17169CTU
Q7804	305 014 4512	TR 2SC2412K T146 R	IC801	410 657 9903	IC S29GL032A90TFIR30KF3AC
	305 014 4611	TR 2SC2412K T146 S	IC8101	309 675 3815	IC 24LCS22AT-I/SN
	305 015 8727	TR 2SC2812-L6-TB	IC8121	310 479 4004	IC TC7WBD125AFK
	305 015 8925	TR 2SC2812-L7-TB			
	305 163 1615	TR 2SC2812N-L6-TB0			

Electrical Parts List

Key No. Part No. Description				Key No. Part No. Description			
IC8131	310 517 6809	IC TC74LVX4053FT			303 276 2819	CERAMIC	18P J 50V
IC891	310 337 0605	IC HD74LVC14T		C1817	303 453 8917	CERAMIC	0.1U K 16V
IC9882	309 464 1411	IC TC74ACT14FT			303 453 8610	CERAMIC	0.1U K 16V
IC9883	309 487 5727	IC TC7SZ125FU			303 409 3426	CERAMIC	0.1U K 16V
CAPACITOR				C1818	303 453 8917	CERAMIC	0.1U K 16V
C1001	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C1819	303 453 8917	CERAMIC	0.1U K 16V
C1038	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C1821	303 453 8917	CERAMIC	0.1U K 16V
C1039	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C1822	303 453 8917	CERAMIC	0.1U K 16V
C1041	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C1823	303 453 8917	CERAMIC	0.1U K 16V
C1051	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C1824	303 453 8917	CERAMIC	0.1U K 16V
C1091	303 358 3215	CERAMIC	10U K 6.3V		303 453 8610	CERAMIC	0.1U K 16V
	303 368 7319	CERAMIC	10U K 6.3V		303 409 3426	CERAMIC	0.1U K 16V
	303 392 1215	ELECT	47U M 6.3V	C1826	303 230 3616	TA-SOLID	47U M 6.3V
C1301	303 387 5310	ELECT	47U M 6.3V		303 384 4712	TA-SOLID	47U M 6.3V
	403 455 1012	CERAMIC	1U K 10V		303 449 1212	POS-SOLID	47U M 6.3V
	303 433 1112	CERAMIC	1U K 10V	C1827	303 453 8917	CERAMIC	0.1U K 16V
C1303	303 454 0613	CERAMIC	0.01U K 50V		303 453 8610	CERAMIC	0.1U K 16V
	303 441 9810	CERAMIC	0.01U K 50V		303 409 3426	CERAMIC	0.1U K 16V
	303 453 8511	CERAMIC	1000P K 50V	C1828	303 230 3616	TA-SOLID	47U M 6.3V
C1304	303 454 1214	CERAMIC	1000P K 50V		303 384 4712	TA-SOLID	47U M 6.3V
	303 276 1317	CERAMIC	1000P K 50V		303 449 1212	POS-SOLID	47U M 6.3V
	303 453 8917	CERAMIC	0.1U K 16V	C1829	303 453 8917	CERAMIC	0.1U K 16V
C1305	303 453 8610	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
C1351	303 453 8917	CERAMIC	0.1U K 16V	C1831	303 453 8917	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
C1353	303 392 1215	ELECT	47U M 6.3V	C1832	303 453 8917	CERAMIC	0.1U K 16V
	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
C1391	303 409 3426	CERAMIC	0.1U K 16V	C2001	303 358 3215	CERAMIC	10U K 6.3V
	303 453 8917	CERAMIC	0.1U K 16V		303 368 7319	CERAMIC	10U K 6.3V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8917	CERAMIC	0.1U K 16V
C1804	303 409 3426	CERAMIC	0.1U K 16V	C2002	303 453 8610	CERAMIC	0.1U K 16V
	303 453 8917	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V	C2003	403 457 2512	CERAMIC	0.47U K 10V
C1806	303 397 5713	ELECT	100U M 10V		303 376 6311	CERAMIC	0.47U K 10V
	303 387 5617	ELECT	100U M 10V		303 453 8917	CERAMIC	0.1U K 16V
	303 453 8917	CERAMIC	0.1U K 16V	C2011	303 453 8610	CERAMIC	0.1U K 16V
C1807	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 453 8917	CERAMIC	0.1U K 16V
C1808	303 453 8917	CERAMIC	0.1U K 16V	C2012	303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 453 8917	CERAMIC	0.1U K 16V
C1811	303 453 8917	CERAMIC	0.1U K 16V	C2013	403 457 2512	CERAMIC	0.47U K 10V
	303 453 8610	CERAMIC	0.1U K 16V		303 376 6311	CERAMIC	0.47U K 10V
	303 409 3426	CERAMIC	0.1U K 16V	C2021	303 358 3215	CERAMIC	10U K 6.3V
C1812	303 453 8917	CERAMIC	0.1U K 16V		303 368 7319	CERAMIC	10U K 6.3V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8917	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C2022	303 453 8610	CERAMIC	0.1U K 16V
C1813	303 453 6616	CERAMIC	6P D 50V		303 409 3426	CERAMIC	0.1U K 16V
	303 454 0217	CERAMIC	6P D 50V		403 457 2512	CERAMIC	0.47U K 10V
	303 279 2915	CERAMIC	6P D 50V	C2023	303 376 6311	CERAMIC	0.47U K 10V
C1814	303 453 8511	CERAMIC	1000P K 50V		303 453 8917	CERAMIC	0.1U K 16V
	303 454 1214	CERAMIC	1000P K 50V		303 453 8610	CERAMIC	0.1U K 16V
	303 276 1317	CERAMIC	1000P K 50V	C2071	303 409 3426	CERAMIC	0.1U K 16V
C1816	303 453 7910	CERAMIC	18P J 50V		303 372 7510	CERAMIC	2.2U K 6.3V
	303 454 0712	CERAMIC	18P J 50V		303 453 8917	CERAMIC	0.1U K 16V

Key No. Part No. Description							Key No. Part No. Description									
C2096	303	453	8610	CERAMIC	0.1U	K	16V	C267	303	175	7212	ELECT	10U	M	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8917	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		C268	303	453	8917	CERAMIC	0.1U	K	16V
C2504	303	453	8917	CERAMIC	0.1U	K	16V	303		453	8610	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V	303		409	3426	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V	C2891		303	453	8917	CERAMIC	0.1U	K	16V
C2505	303	376	3112	ELECT	100U	M	25V			303	453	8610	CERAMIC	0.1U	K	16V
	C2506	303	396	9613	CERAMIC	1U	K		25V	303	409	3426	CERAMIC	0.1U	K	16V
C2507		303	397	7618	CERAMIC	1U	K	25V	C2892	303	453	7217	CERAMIC	47P	J	50V
	303	396	9613	CERAMIC	1U	K	25V	303		454	1610	CERAMIC	47P	J	50V	
C2509	303	397	7618	CERAMIC	1U	K	25V	303		305	8812	CERAMIC	47P	J	50V	
	C2511	303	453	8917	CERAMIC	0.1U	K	16V	C301	303	453	8917	CERAMIC	0.1U	K	16V
		303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V
303		409	3426	CERAMIC	0.1U	K	16V	303		409	3426	CERAMIC	0.1U	K	16V	
C2512	303	453	8917	CERAMIC	0.1U	K	16V	C302	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2513	303	453	8917	CERAMIC	0.1U	K	16V	C303	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2514	303	396	9613	CERAMIC	1U	K	25V	C304	303	453	8917	CERAMIC	0.1U	K	16V	
	303	397	7618	CERAMIC	1U	K	25V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	391	5511	ELECT	10U	M	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2534	303	175	7212	ELECT	10U	M	16V	C306	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8917	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2535	303	409	3426	CERAMIC	0.1U	K	16V	C307	303	453	8917	CERAMIC	0.1U	K	16V	
	303	376	3112	ELECT	100U	M	25V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	396	9613	CERAMIC	1U	K	25V		303	409	3426	CERAMIC	0.1U	K	16V	
C2536	303	397	7618	CERAMIC	1U	K	25V	C308	303	453	8917	CERAMIC	0.1U	K	16V	
	303	396	9613	CERAMIC	1U	K	25V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	397	7618	CERAMIC	1U	K	25V		303	409	3426	CERAMIC	0.1U	K	16V	
C2537	303	453	8917	CERAMIC	0.1U	K	16V	C309	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2539	303	453	8917	CERAMIC	0.1U	K	16V	C311	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2541	303	453	8917	CERAMIC	0.1U	K	16V	C312	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2542	303	453	8917	CERAMIC	0.1U	K	16V	C313	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2543	303	396	9613	CERAMIC	1U	K	25V	C314	303	453	8917	CERAMIC	0.1U	K	16V	
	303	397	7618	CERAMIC	1U	K	25V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	391	5511	ELECT	10U	M	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2544	303	175	7212	ELECT	10U	M	16V	C316	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8917	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2565	303	409	3426	CERAMIC	0.1U	K	16V	C317	303	453	8917	CERAMIC	0.1U	K	16V	
	303	401	4312	ELECT	47U	M	25V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	396	9613	CERAMIC	1U	K	25V		303	409	3426	CERAMIC	0.1U	K	16V	
C2566	303	397	7618	CERAMIC	1U	K	25V	C318	303	453	8917	CERAMIC	0.1U	K	16V	
	303	396	9613	CERAMIC	1U	K	25V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	397	7618	CERAMIC	1U	K	25V		303	409	3426	CERAMIC	0.1U	K	16V	
C2567	303	453	8917	CERAMIC	0.1U	K	16V	C319	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2569	303	453	8917	CERAMIC	0.1U	K	16V	C321	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2571	303	453	8917	CERAMIC	0.1U	K	16V	C322	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2572	303	453	8917	CERAMIC	0.1U	K	16V	C322	303	453	8917	CERAMIC	0.1U	K	16V	
	303	453	8610	CERAMIC	0.1U	K	16V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	409	3426	CERAMIC	0.1U	K	16V		303	409	3426	CERAMIC	0.1U	K	16V	
C2573	303	396	9613	CERAMIC	1U	K	25V	C322	303	453	8917	CERAMIC	0.1U	K	16V	
	303	397	7618	CERAMIC	1U	K	25V		303	453	8610	CERAMIC	0.1U	K	16V	
	303	391	5511	ELECT	10U	M	16V		303	409	3426	CERAMIC	0.1U	K	16V	

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
C323	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C3531	303 396 9613	CERAMIC 1U K 25V
	303 409 3426	CERAMIC 0.1U K 16V		303 397 7618	CERAMIC 1U K 25V
C324	303 453 8917	CERAMIC 0.1U K 16V	C3532	303 396 9613	CERAMIC 1U K 25V
	303 453 8610	CERAMIC 0.1U K 16V		303 397 7618	CERAMIC 1U K 25V
	303 409 3426	CERAMIC 0.1U K 16V	C3533	303 381 5316	ELECT 100U M 16V
C326	303 453 8917	CERAMIC 0.1U K 16V	C3534	303 396 9613	CERAMIC 1U K 25V
	303 453 8610	CERAMIC 0.1U K 16V		303 397 7618	CERAMIC 1U K 25V
	303 409 3426	CERAMIC 0.1U K 16V	C3535	303 398 4418	ELECT 10U M 25V
C327	303 453 8917	CERAMIC 0.1U K 16V	C3536	403 461 3710	CERAMIC 0.1U Z 25V
	303 453 8610	CERAMIC 0.1U K 16V		303 454 0514	CERAMIC 0.1U Z 25V
	303 409 3426	CERAMIC 0.1U K 16V	C354	303 453 8917	CERAMIC 0.1U K 16V
C328	303 453 8917	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V	C356	303 453 8917	CERAMIC 0.1U K 16V
C329	303 453 8917	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V	C3561	303 396 9613	CERAMIC 1U K 25V
C331	303 453 8917	CERAMIC 0.1U K 16V		303 397 7618	CERAMIC 1U K 25V
	303 453 8610	CERAMIC 0.1U K 16V	C3562	303 396 9613	CERAMIC 1U K 25V
	303 409 3426	CERAMIC 0.1U K 16V		303 397 7618	CERAMIC 1U K 25V
C332	303 453 8917	CERAMIC 0.1U K 16V	C357	303 453 8917	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
C333	303 453 8917	CERAMIC 0.1U K 16V	C358	303 453 8917	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
C334	303 453 8917	CERAMIC 0.1U K 16V	C3580	303 391 5115	ELECT 100U M 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 296 9515	ELECT 100U M 16V
	303 409 3426	CERAMIC 0.1U K 16V	C3582	303 398 4418	ELECT 10U M 25V
C336	303 453 8917	CERAMIC 0.1U K 16V	C3583	303 396 9613	CERAMIC 1U K 25V
	303 453 8610	CERAMIC 0.1U K 16V		303 397 7618	CERAMIC 1U K 25V
	303 409 3426	CERAMIC 0.1U K 16V	C3584	403 461 3710	CERAMIC 0.1U Z 25V
C337	303 453 8917	CERAMIC 0.1U K 16V		303 454 0514	CERAMIC 0.1U Z 25V
	303 453 8610	CERAMIC 0.1U K 16V	C361	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C338	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C362	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C339	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C363	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C341	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C364	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C342	303 276 1911	CERAMIC 22P J 50V		303 409 3426	CERAMIC 0.1U K 16V
C343	303 276 1911	CERAMIC 22P J 50V	C365	303 453 8917	CERAMIC 0.1U K 16V
C347	403 457 2512	CERAMIC 0.47U K 10V		303 453 8610	CERAMIC 0.1U K 16V
	303 376 6311	CERAMIC 0.47U K 10V		303 409 3426	CERAMIC 0.1U K 16V
C3501	303 396 9613	CERAMIC 1U K 25V	C366	303 453 8917	CERAMIC 0.1U K 16V
	303 397 7618	CERAMIC 1U K 25V		303 453 8610	CERAMIC 0.1U K 16V
C3502	303 396 9613	CERAMIC 1U K 25V		303 409 3426	CERAMIC 0.1U K 16V
	303 397 7618	CERAMIC 1U K 25V	C367	303 453 8917	CERAMIC 0.1U K 16V
C3503	303 381 5316	ELECT 100U M 16V		303 453 8610	CERAMIC 0.1U K 16V
C3504	303 396 9613	CERAMIC 1U K 25V		303 409 3426	CERAMIC 0.1U K 16V
	303 397 7618	CERAMIC 1U K 25V	C368	303 453 8917	CERAMIC 0.1U K 16V
C3505	303 398 4418	ELECT 10U M 25V		303 453 8610	CERAMIC 0.1U K 16V
C3506	403 461 3710	CERAMIC 0.1U Z 25V		303 409 3426	CERAMIC 0.1U K 16V
	303 454 0514	CERAMIC 0.1U Z 25V	C369	303 358 3215	CERAMIC 10U K 6.3V
C351	303 453 8917	CERAMIC 0.1U K 16V		303 368 7319	CERAMIC 10U K 6.3V
	303 453 8610	CERAMIC 0.1U K 16V	C371	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C352	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C372	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C353	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C373	303 453 8917	CERAMIC 0.1U K 16V

Electrical Parts List

Key No. Part No. Description					Key No. Part No. Description				
C376	303 453 8610	CERAMIC	0.1U K	16V	C403	303 453 8610	CERAMIC	0.1U K	16V
	303 409 3426	CERAMIC	0.1U K	16V		303 409 3426	CERAMIC	0.1U K	16V
	303 368 7319	CERAMIC	10U K	6.3V		303 453 8719	CERAMIC	470P K	50V
C377	303 368 7319	CERAMIC	10U K	6.3V	C404	303 453 9211	CERAMIC	470P K	50V
C3801	303 453 8917	CERAMIC	0.1U K	16V		303 282 5118	CERAMIC	470P K	50V
C3802	303 453 8610	CERAMIC	0.1U K	16V		303 453 8917	CERAMIC	0.1U K	16V
	303 409 3426	CERAMIC	0.1U K	16V	C406	303 453 8610	CERAMIC	0.1U K	16V
	303 453 8917	CERAMIC	0.1U K	16V		303 409 3426	CERAMIC	0.1U K	16V
C3803	303 453 8610	CERAMIC	0.1U K	16V		303 453 8917	CERAMIC	0.1U K	16V
	303 409 3426	CERAMIC	0.1U K	16V	C407	303 453 8610	CERAMIC	0.1U K	16V
	303 453 8917	CERAMIC	0.1U K	16V		303 409 3426	CERAMIC	0.1U K	16V
C3804	303 453 8610	CERAMIC	0.1U K	16V		303 453 8719	CERAMIC	470P K	50V
	303 409 3426	CERAMIC	0.1U K	16V	C411	303 453 9211	CERAMIC	470P K	50V
	303 453 8917	CERAMIC	0.1U K	16V		303 282 5118	CERAMIC	470P K	50V
C3806	303 453 8610	CERAMIC	0.1U K	16V		303 453 8917	CERAMIC	0.1U K	16V
	403 455 1012	CERAMIC	1U K	10V	C412	303 453 8610	CERAMIC	0.1U K	16V
	303 433 1112	CERAMIC	1U K	10V		303 409 3426	CERAMIC	0.1U K	16V
C381	303 454 0415	CERAMIC	0.068U K	16V		303 453 8917	CERAMIC	0.1U K	16V
C382	303 442 0519	CERAMIC	0.068U K	16V	C413	303 453 8610	CERAMIC	0.1U K	16V
	303 454 0415	CERAMIC	0.068U K	16V		303 409 3426	CERAMIC	0.1U K	16V
	303 442 0519	CERAMIC	0.068U K	16V	C414	303 453 8719	CERAMIC	470P K	50V
C383	303 454 0613	CERAMIC	0.01U K	50V		303 453 9211	CERAMIC	470P K	50V
C384	303 441 9810	CERAMIC	0.01U K	50V		303 282 5118	CERAMIC	470P K	50V
	303 454 0415	CERAMIC	0.068U K	16V	C416	303 453 8917	CERAMIC	0.1U K	16V
	303 442 0519	CERAMIC	0.068U K	16V		303 453 8610	CERAMIC	0.1U K	16V
C3851	303 453 8917	CERAMIC	0.1U K	16V		303 409 3426	CERAMIC	0.1U K	16V
C3852	303 453 8610	CERAMIC	0.1U K	16V	C417	303 453 8917	CERAMIC	0.1U K	16V
	303 409 3426	CERAMIC	0.1U K	16V		303 370 0216	CERAMIC	2.2U K	6.3V
	303 453 8917	CERAMIC	0.1U K	16V	C421	303 453 8719	CERAMIC	470P K	50V
C3853	303 453 8610	CERAMIC	0.1U K	16V		303 453 9211	CERAMIC	470P K	50V
	303 336 3510	CERAMIC	0.47U K	16V		303 282 5118	CERAMIC	470P K	50V
	304 110 9800	CERAMIC	0.47U K	16V	C422	403 455 1012	CERAMIC	1U K	10V
C3854	303 336 3510	CERAMIC	0.47U K	16V		303 433 1112	CERAMIC	1U K	10V
C386	304 110 9800	CERAMIC	0.47U K	16V	C423	303 453 8719	CERAMIC	470P K	50V
	303 454 0613	CERAMIC	0.01U K	50V		303 453 9211	CERAMIC	470P K	50V
	303 441 9810	CERAMIC	0.01U K	50V	C424	303 282 5118	CERAMIC	470P K	50V
C387	403 455 1012	CERAMIC	1U K	10V		403 455 1012	CERAMIC	1U K	10V
C388	303 433 1112	CERAMIC	1U K	10V	C426	303 433 1112	CERAMIC	1U K	10V
	403 455 1012	CERAMIC	1U K	10V		403 455 1012	CERAMIC	1U K	10V
	303 433 1112	CERAMIC	1U K	10V	C427	303 433 1112	CERAMIC	1U K	10V
C389	403 455 1012	CERAMIC	1U K	10V		303 453 8719	CERAMIC	470P K	50V
C390	303 433 1112	CERAMIC	1U K	10V		303 453 9211	CERAMIC	470P K	50V
	403 457 2512	CERAMIC	0.47U K	10V	C428	303 282 5118	CERAMIC	470P K	50V
	303 376 6311	CERAMIC	0.47U K	10V		303 453 8917	CERAMIC	0.1U K	16V
C391	303 453 8917	CERAMIC	0.1U K	16V	C431	303 453 8610	CERAMIC	0.1U K	16V
C392	303 453 8610	CERAMIC	0.1U K	16V		303 409 3426	CERAMIC	0.1U K	16V
	303 409 3426	CERAMIC	0.1U K	16V		303 453 8719	CERAMIC	470P K	50V
C4006	303 453 8917	CERAMIC	0.1U K	16V	C432	303 453 9211	CERAMIC	470P K	50V
	303 453 8610	CERAMIC	0.1U K	16V		303 282 5118	CERAMIC	470P K	50V
	303 409 3426	CERAMIC	0.1U K	16V	C433	303 453 8917	CERAMIC	0.1U K	16V
C4007	303 372 7510	CERAMIC	2.2U K	6.3V		303 453 8610	CERAMIC	0.1U K	16V
C4008	303 453 8917	CERAMIC	0.1U K	16V	C434	303 409 3426	CERAMIC	0.1U K	16V
C4009	303 453 8610	CERAMIC	0.1U K	16V		303 453 8719	CERAMIC	470P K	50V
	303 409 3426	CERAMIC	0.1U K	16V		303 453 9211	CERAMIC	470P K	50V
	303 372 7510	CERAMIC	2.2U K	6.3V	C436	303 282 5118	CERAMIC	470P K	50V
C401	303 453 8719	CERAMIC	470P K	50V		303 453 8917	CERAMIC	0.1U K	16V
C4011	303 453 9211	CERAMIC	470P K	50V		303 453 8610	CERAMIC	0.1U K	16V
	303 282 5118	CERAMIC	470P K	50V	C437	303 409 3426	CERAMIC	0.1U K	16V
	303 453 8917	CERAMIC	0.1U K	16V		303 409 3426	CERAMIC	0.1U K	16V
C402	303 453 8610	CERAMIC	0.1U K	16V	C438	303 441 9810	CERAMIC	0.01U K	50V
	303 409 3426	CERAMIC	0.1U K	16V		403 455 1012	CERAMIC	1U K	10V
	303 453 8917	CERAMIC	0.1U K	16V		303 433 1112	CERAMIC	1U K	10V

Electrical Parts List

Key No. Part No. Description						Key No. Part No. Description					
C441	303	391	5511	ELECT	10U M 16V			303	454	0514	CERAMIC 0.1U Z 25V
C442	303	392	1215	ELECT	47U M 6.3V	C5061	403	455	1616	CERAMIC	10U K 16V
C443	303	370	0216	CERAMIC	2.2U K 6.3V	C5069	403	455	1616	CERAMIC	10U K 16V
C4808	303	230	3616	TA-SOLID	47U M 6.3V	C507	403	461	3710	CERAMIC	0.1U Z 25V
	303	384	4712	TA-SOLID	47U M 6.3V		303	454	0514	CERAMIC	0.1U Z 25V
	303	449	1212	POS-SOLID	47U M 6.3V	C508	403	461	3710	CERAMIC	0.1U Z 25V
C482	303	230	3616	TA-SOLID	47U M 6.3V		303	454	0514	CERAMIC	0.1U Z 25V
	303	384	4712	TA-SOLID	47U M 6.3V	C5081	303	453	8917	CERAMIC	0.1U K 16V
	303	449	1212	POS-SOLID	47U M 6.3V		303	453	8610	CERAMIC	0.1U K 16V
C483	303	230	3616	TA-SOLID	47U M 6.3V		303	409	3426	CERAMIC	0.1U K 16V
	303	384	4712	TA-SOLID	47U M 6.3V	C5082	303	453	8917	CERAMIC	0.1U K 16V
	303	449	1212	POS-SOLID	47U M 6.3V		303	453	8610	CERAMIC	0.1U K 16V
C4891	303	453	8917	CERAMIC	0.1U K 16V		303	409	3426	CERAMIC	0.1U K 16V
	303	453	8610	CERAMIC	0.1U K 16V	C5083	303	392	1215	ELECT	47U M 6.3V
	303	409	3426	CERAMIC	0.1U K 16V		303	387	5310	ELECT	47U M 6.3V
C5001	303	396	9613	CERAMIC	1U K 25V	C5084	303	453	8917	CERAMIC	0.1U K 16V
	303	397	7618	CERAMIC	1U K 25V		303	453	8610	CERAMIC	0.1U K 16V
C5002	303	396	9613	CERAMIC	1U K 25V		303	409	3426	CERAMIC	0.1U K 16V
	303	397	7618	CERAMIC	1U K 25V	C5087	303	381	5613	ELECT	220U M 16V
C5003	303	396	9613	CERAMIC	1U K 25V		303	423	8916	ELECT	220U M 16V
	303	397	7618	CERAMIC	1U K 25V	C509	403	461	3710	CERAMIC	0.1U Z 25V
C5004	303	396	9613	CERAMIC	1U K 25V		303	454	0514	CERAMIC	0.1U Z 25V
	303	397	7618	CERAMIC	1U K 25V	C510	403	461	3710	CERAMIC	0.1U Z 25V
C5006	303	401	4312	ELECT	47U M 25V		303	454	0514	CERAMIC	0.1U Z 25V
C5007	303	453	8917	CERAMIC	0.1U K 16V	C511	403	461	3710	CERAMIC	0.1U Z 25V
	303	453	8610	CERAMIC	0.1U K 16V		303	454	0514	CERAMIC	0.1U Z 25V
	303	409	3426	CERAMIC	0.1U K 16V	C512	403	461	3710	CERAMIC	0.1U Z 25V
C5008	303	453	8917	CERAMIC	0.1U K 16V		303	454	0514	CERAMIC	0.1U Z 25V
	303	453	8610	CERAMIC	0.1U K 16V	C513	403	461	3710	CERAMIC	0.1U Z 25V
	303	409	3426	CERAMIC	0.1U K 16V		303	454	0514	CERAMIC	0.1U Z 25V
C5009	303	396	9613	CERAMIC	1U K 25V	C515	403	461	3710	CERAMIC	0.1U Z 25V
	303	397	7618	CERAMIC	1U K 25V		303	454	0514	CERAMIC	0.1U Z 25V
C501	303	453	8917	CERAMIC	0.1U K 16V	C516	303	453	8511	CERAMIC	1000P K 50V
	303	453	8610	CERAMIC	0.1U K 16V		303	454	1214	CERAMIC	1000P K 50V
	303	409	3426	CERAMIC	0.1U K 16V	C517	403	461	3710	CERAMIC	0.1U Z 25V
C5011	303	394	5815	CERAMIC	4.7U K 16V		303	454	0514	CERAMIC	0.1U Z 25V
C5012	303	394	5815	CERAMIC	4.7U K 16V	C519	303	453	8917	CERAMIC	0.1U K 16V
C5013	303	394	5815	CERAMIC	4.7U K 16V		303	453	8610	CERAMIC	0.1U K 16V
C5014	303	396	9613	CERAMIC	1U K 25V		303	409	3426	CERAMIC	0.1U K 16V
	303	397	7618	CERAMIC	1U K 25V	C5200	403	455	1616	CERAMIC	10U K 16V
C5015	303	397	5713	ELECT	100U M 10V	C5201	303	372	7510	CERAMIC	2.2U K 6.3V
	303	387	5617	ELECT	100U M 10V	C5202	303	372	7510	CERAMIC	2.2U K 6.3V
C5016	303	396	9613	CERAMIC	1U K 25V	C5203	303	372	7510	CERAMIC	2.2U K 6.3V
	303	397	7618	CERAMIC	1U K 25V	C5204	303	372	7510	CERAMIC	2.2U K 6.3V
C502	303	453	8917	CERAMIC	0.1U K 16V	C5206	303	372	7510	CERAMIC	2.2U K 6.3V
	303	453	8610	CERAMIC	0.1U K 16V	C5207	303	372	7510	CERAMIC	2.2U K 6.3V
	303	409	3426	CERAMIC	0.1U K 16V	C5208	303	381	5613	ELECT	220U M 16V
C5024	403	455	1616	CERAMIC	10U K 16V		303	423	8916	ELECT	220U M 16V
C503	303	453	8917	CERAMIC	0.1U K 16V	C5209	303	453	8917	CERAMIC	0.1U K 16V
	303	453	8610	CERAMIC	0.1U K 16V		303	453	8610	CERAMIC	0.1U K 16V
	303	409	3426	CERAMIC	0.1U K 16V		303	409	3426	CERAMIC	0.1U K 16V
C5031	303	396	9613	CERAMIC	1U K 25V	C5211	303	453	8917	CERAMIC	0.1U K 16V
	303	397	7618	CERAMIC	1U K 25V		303	453	8610	CERAMIC	0.1U K 16V
C5032	303	336	3510	CERAMIC	0.47U K 16V		303	409	3426	CERAMIC	0.1U K 16V
C5033	403	455	1012	CERAMIC	1U K 10V	C5212	303	453	8917	CERAMIC	0.1U K 16V
	303	433	1112	CERAMIC	1U K 10V		303	453	8610	CERAMIC	0.1U K 16V
C5037	403	455	1012	CERAMIC	1U K 10V		303	409	3426	CERAMIC	0.1U K 16V
	303	433	1112	CERAMIC	1U K 10V	C5213	303	453	8917	CERAMIC	0.1U K 16V
C5038	303	454	0613	CERAMIC	0.01U K 50V		303	453	8610	CERAMIC	0.1U K 16V
C5039	303	454	0613	CERAMIC	0.01U K 50V		303	409	3426	CERAMIC	0.1U K 16V
C504	303	453	8917	CERAMIC	0.1U K 16V	C5214	303	453	8917	CERAMIC	0.1U K 16V
	303	453	8610	CERAMIC	0.1U K 16V		303	453	8610	CERAMIC	0.1U K 16V
	303	409	3426	CERAMIC	0.1U K 16V		303	409	3426	CERAMIC	0.1U K 16V
C5041	303	454	0613	CERAMIC	0.01U K 50V	C5216	303	381	5316	ELECT	100U M 16V
C505	303	396	9613	CERAMIC	1U K 25V		303	369	3211	ELECT	100U M 16V
	303	397	7618	CERAMIC	1U K 25V	C5217	403	455	1012	CERAMIC	1U K 10V
C506	403	461	3710	CERAMIC	0.1U Z 25V		303	433	1112	CERAMIC	1U K 10V

Electrical Parts List

Key No. Part No. Description							Key No. Part No. Description						
C5218	303 453 8917	CERAMIC	0.1U K	16V			C5333	303 314 5918	CERAMIC	0.47U K	16V		
	303 453 8610	CERAMIC	0.1U K	16V			C5334	303 453 6814	CERAMIC	68P J	50V		
	303 409 3426	CERAMIC	0.1U K	16V				303 454 0019	CERAMIC	68P J	50V		
C5219	303 453 8917	CERAMIC	0.1U K	16V				303 320 0419	CERAMIC	68P J	50V		
	303 453 8610	CERAMIC	0.1U K	16V			C5336	303 309 2519	CERAMIC	27P J	50V		
	303 409 3426	CERAMIC	0.1U K	16V			C5337	303 453 6319	CERAMIC	100P J	50V		
C5221	303 454 0613	CERAMIC	0.01U K	50V				303 454 0910	CERAMIC	100P J	50V		
	303 441 9810	CERAMIC	0.01U K	50V				303 294 6110	CERAMIC	100P J	50V		
	303 453 8917	CERAMIC	0.1U K	16V			C534	303 453 8917	CERAMIC	0.1U K	16V		
C5222	303 453 8610	CERAMIC	0.1U K	16V				303 453 8610	CERAMIC	0.1U K	16V		
	303 409 3426	CERAMIC	0.1U K	16V				303 409 3426	CERAMIC	0.1U K	16V		
	303 381 9918	ELECT	470U M	16V			C5341	403 455 1012	CERAMIC	1U K	10V		
C5227	303 381 9918	ELECT	470U M	16V				303 433 1112	CERAMIC	1U K	10V		
C5228	303 454 0613	CERAMIC	0.01U K	50V			C535	303 396 9613	CERAMIC	1U K	25V		
	303 441 9810	CERAMIC	0.01U K	50V				303 397 7618	CERAMIC	1U K	25V		
	303 381 9918	ELECT	470U M	16V			C536	403 461 3710	CERAMIC	0.1U Z	25V		
C5229	303 454 0613	CERAMIC	0.01U K	50V				303 454 0514	CERAMIC	0.1U Z	25V		
	303 441 9810	CERAMIC	0.01U K	50V			C537	403 461 3710	CERAMIC	0.1U Z	25V		
	303 381 9918	ELECT	470U M	16V				303 454 0514	CERAMIC	0.1U Z	25V		
C5231	303 454 0613	CERAMIC	0.01U K	50V			C538	403 461 3710	CERAMIC	0.1U Z	25V		
	303 441 9810	CERAMIC	0.01U K	50V				303 454 0514	CERAMIC	0.1U Z	25V		
	303 381 9918	ELECT	470U M	16V			C539	403 461 3710	CERAMIC	0.1U Z	25V		
C5232	303 454 0613	CERAMIC	0.01U K	50V				303 454 0514	CERAMIC	0.1U Z	25V		
	303 441 9810	CERAMIC	0.01U K	50V			C540	403 461 3710	CERAMIC	0.1U Z	25V		
	303 391 5511	ELECT	10U M	16V				303 454 0514	CERAMIC	0.1U Z	25V		
C5233	303 454 0613	CERAMIC	0.01U K	50V				303 454 0514	CERAMIC	0.1U Z	25V		
	303 441 9810	CERAMIC	0.01U K	50V			C541	403 461 3710	CERAMIC	0.1U Z	25V		
	303 391 5511	ELECT	10U M	16V				303 454 0514	CERAMIC	0.1U Z	25V		
C524	303 175 7212	ELECT	10U M	16V			C542	403 461 3710	CERAMIC	0.1U Z	25V		
	303 457 2512	CERAMIC	0.47U K	10V				303 454 0514	CERAMIC	0.1U Z	25V		
	303 376 6311	CERAMIC	0.47U K	10V			C543	403 461 3710	CERAMIC	0.1U Z	25V		
C5241	403 457 2512	CERAMIC	0.47U K	10V				303 454 0514	CERAMIC	0.1U Z	25V		
	303 376 6311	CERAMIC	0.47U K	10V			C545	403 461 3710	CERAMIC	0.1U Z	25V		
	303 376 6311	CERAMIC	0.47U K	10V				303 454 0514	CERAMIC	0.1U Z	25V		
C5243	403 457 2512	CERAMIC	0.47U K	10V			C546	303 453 8511	CERAMIC	1000P K	50V		
	303 376 6311	CERAMIC	0.47U K	10V				303 454 1214	CERAMIC	1000P K	50V		
	303 376 6311	CERAMIC	0.47U K	10V			C547	403 461 3710	CERAMIC	0.1U Z	25V		
C5244	303 355 9913	CERAMIC	2.2U K	10V				303 454 0514	CERAMIC	0.1U Z	25V		
	303 453 8917	CERAMIC	0.1U K	16V			C549	303 453 8917	CERAMIC	0.1U K	16V		
	303 453 8610	CERAMIC	0.1U K	16V				303 453 8610	CERAMIC	0.1U K	16V		
C529	303 409 3426	CERAMIC	0.1U K	16V				303 409 3426	CERAMIC	0.1U K	16V		
	303 453 8917	CERAMIC	0.1U K	16V			C554	303 391 5511	ELECT	10U M	16V		
	303 453 8610	CERAMIC	0.1U K	16V				303 175 7212	ELECT	10U M	16V		
C5301	303 453 8917	CERAMIC	0.1U K	16V			C559	303 453 8917	CERAMIC	0.1U K	16V		
	303 453 8610	CERAMIC	0.1U K	16V				303 453 8610	CERAMIC	0.1U K	16V		
	303 409 3426	CERAMIC	0.1U K	16V				303 409 3426	CERAMIC	0.1U K	16V		
C5303	403 455 1012	CERAMIC	1U K	10V			C5601	303 397 5713	ELECT	100U M	10V		
	303 433 1112	CERAMIC	1U K	10V				303 387 5617	ELECT	100U M	10V		
	303 453 8917	CERAMIC	0.1U K	16V			C5602	303 453 8917	CERAMIC	0.1U K	16V		
C5306	303 453 8610	CERAMIC	0.1U K	16V				303 453 8610	CERAMIC	0.1U K	16V		
	303 409 3426	CERAMIC	0.1U K	16V				303 409 3426	CERAMIC	0.1U K	16V		
	303 409 3426	CERAMIC	0.1U K	16V			C5603	303 397 5713	ELECT	100U M	10V		
C5307	303 372 7510	CERAMIC	2.2U K	6.3V				303 387 5617	ELECT	100U M	10V		
	303 453 8917	CERAMIC	0.1U K	16V			C5604	303 453 8917	CERAMIC	0.1U K	16V		
	303 453 8610	CERAMIC	0.1U K	16V				303 453 8610	CERAMIC	0.1U K	16V		
C5308	303 409 3426	CERAMIC	0.1U K	16V				303 409 3426	CERAMIC	0.1U K	16V		
	303 453 8917	CERAMIC	0.1U K	16V			C5607	403 461 3710	CERAMIC	0.1U Z	25V		
	303 453 8610	CERAMIC	0.1U K	16V				303 454 0514	CERAMIC	0.1U Z	25V		
C531	303 453 8917	CERAMIC	0.1U K	16V			C561	303 453 8917	CERAMIC	0.1U K	16V		
	303 453 8610	CERAMIC	0.1U K	16V				303 453 8610	CERAMIC	0.1U K	16V		
	303 409 3426	CERAMIC	0.1U K	16V				303 409 3426	CERAMIC	0.1U K	16V		
C5311	403 457 2512	CERAMIC	0.47U K	10V			C5616	303 397 8219	CERAMIC	2.2U K	25V		
	303 376 6311	CERAMIC	0.47U K	10V			C5617	303 394 5815	CERAMIC	4.7U K	16V		
	303 376 6311	CERAMIC	0.47U K	10V			C5618	303 394 5815	CERAMIC	4.7U K	16V		
C5312	403 455 1012	CERAMIC	1U K	10V			C5619	403 455 1012	CERAMIC	1U K	10V		
	303 433 1112	CERAMIC	1U K	10V				303 433 1112	CERAMIC	1U K	10V		
	303 372 7510	CERAMIC	2.2U K	6.3V			C562	303 453 8917	CERAMIC	0.1U K	16V		
C5313	303 372 7510	CERAMIC	2.2U K	6.3V				303 453 8610	CERAMIC	0.1U K	16V		
	403 455 1012	CERAMIC	1U K	10V									
	303 433 1112	CERAMIC	1U K	10V									
C5314	403 455 1012	CERAMIC	1U K	10V									
	303 433 1112	CERAMIC	1U K	10V									
	303 453 8917	CERAMIC	0.1U K	16V									
C5317	303 453 8610	CERAMIC	0.1U K	16V									
	303 409 3426	CERAMIC	0.1U K	16V									
	303 409 3426	CERAMIC	0.1U K	16V									
C5318	303 453 6319	CERAMIC	100P J	50V									
	303 454 0910	CERAMIC	100P J	50V									
	303 294 6110	CERAMIC	100P J	50V									
C532	303 453 8917	CERAMIC	0.1U K	16V									
	303 453 8610	CERAMIC	0.1U K	16V									
	303 409 3426	CERAMIC	0.1U K	16V									
C5321	303 397 8219	CERAMIC	2.2U K	25V									
	303 453 8917	CERAMIC	0.1U K	16V									
	303 453 8610	CERAMIC	0.1U K	16V									
C533	303 409 3426	CERAMIC	0.1U K	16V									
	303 453 8917	CERAMIC	0.1U K	16V									
	303 453 8610	CERAMIC	0.1U K	16V									
C5332	403 455 1012	CERAMIC	1U K	10V									
	303 433 1112	CERAMIC	1U K	10V									
	303 433 1112	CERAMIC	1U K	10V									

Electrical Parts List

Key No. Part No. Description						Key No. Part No. Description					
C5621	303 409 3426	CERAMIC	0.1U K	16V		C5761	303 453 8917	CERAMIC	0.1U K	16V	
	303 453 8917	CERAMIC	0.1U K	16V			303 453 8610	CERAMIC	0.1U K	16V	
	303 453 8610	CERAMIC	0.1U K	16V			303 409 3426	CERAMIC	0.1U K	16V	
	303 409 3426	CERAMIC	0.1U K	16V			303 392 1215	ELECT	47U M	6.3V	
C5622	303 392 1215	ELECT	47U M	6.3V		C5763	303 298 9612	CERAMIC	0.1U K	16V	
	303 387 5310	ELECT	47U M	6.3V			403 461 3710	CERAMIC	0.1U Z	25V	
C5623	303 453 8917	CERAMIC	0.1U K	16V		C577	303 454 0514	CERAMIC	0.1U Z	25V	
	303 453 8610	CERAMIC	0.1U K	16V			303 453 8917	CERAMIC	0.1U K	16V	
	303 409 3426	CERAMIC	0.1U K	16V			303 453 8610	CERAMIC	0.1U K	16V	
C5624	303 454 1016	CERAMIC	8200P K	50V		C579	303 409 3426	CERAMIC	0.1U K	16V	
	303 306 6510	CERAMIC	8200P K	50V			303 454 1016	CERAMIC	8200P K	50V	
C563	303 453 8917	CERAMIC	0.1U K	16V		C5799	303 306 6510	CERAMIC	8200P K	50V	
	303 453 8610	CERAMIC	0.1U K	16V			303 325 6317	CERAMIC	0.22U K	10V	
	303 409 3426	CERAMIC	0.1U K	16V		C5802	403 455 1012	CERAMIC	1U K	10V	
C564	303 453 8917	CERAMIC	0.1U K	16V			303 433 1112	CERAMIC	1U K	10V	
	303 453 8610	CERAMIC	0.1U K	16V		C5803	303 453 8917	CERAMIC	0.1U K	16V	
	303 409 3426	CERAMIC	0.1U K	16V			303 453 8610	CERAMIC	0.1U K	16V	
C5644	303 391 5511	ELECT	10U M	16V		C5804	303 409 3426	CERAMIC	0.1U K	16V	
	303 175 7212	ELECT	10U M	16V			303 454 1917	CERAMIC	4700P K	50V	
C565	303 396 9613	CERAMIC	1U K	25V		C5805	303 379 7315	CERAMIC	4700P K	50V	
	303 397 7618	CERAMIC	1U K	25V		C5806	403 455 1616	CERAMIC	10U K	16V	
C566	403 461 3710	CERAMIC	0.1U Z	25V			403 455 1012	CERAMIC	1U K	10V	
	303 454 0514	CERAMIC	0.1U Z	25V		C5807	303 433 1112	CERAMIC	1U K	10V	
C5662	303 453 8917	CERAMIC	0.1U K	16V			303 454 1917	CERAMIC	4700P K	50V	
	303 453 8610	CERAMIC	0.1U K	16V		C5808	303 379 7315	CERAMIC	4700P K	50V	
	303 409 3426	CERAMIC	0.1U K	16V			303 454 1917	CERAMIC	4700P K	50V	
C567	403 461 3710	CERAMIC	0.1U Z	25V		C5809	303 379 7315	CERAMIC	4700P K	50V	
	303 454 0514	CERAMIC	0.1U Z	25V			303 453 8917	CERAMIC	0.1U K	16V	
C5670	303 392 1215	ELECT	47U M	6.3V		C5811	303 453 8610	CERAMIC	0.1U K	16V	
	303 387 5310	ELECT	47U M	6.3V			303 409 3426	CERAMIC	0.1U K	16V	
C568	403 461 3710	CERAMIC	0.1U Z	25V		C5821	303 337 9511	CERAMIC	0.15U K	10V	
	303 454 0514	CERAMIC	0.1U Z	25V			403 455 1012	CERAMIC	1U K	10V	
C569	403 461 3710	CERAMIC	0.1U Z	25V		C5822	303 433 1112	CERAMIC	1U K	10V	
	303 454 0514	CERAMIC	0.1U Z	25V			403 462 2910	EP-ELECT	330U M	4V	
C570	403 461 3710	CERAMIC	0.1U Z	25V		C5823	303 453 8917	CERAMIC	0.1U K	16V	
	303 454 0514	CERAMIC	0.1U Z	25V			303 453 8610	CERAMIC	0.1U K	16V	
C5704	403 461 3710	CERAMIC	0.1U Z	25V		C584	303 409 3426	CERAMIC	0.1U K	16V	
	303 454 0514	CERAMIC	0.1U Z	25V			303 391 5511	ELECT	10U M	16V	
C5705	303 401 4312	ELECT	47U M	25V		C5841	303 175 7212	ELECT	10U M	16V	
C5709	303 401 4312	ELECT	47U M	25V			403 455 1012	CERAMIC	1U K	10V	
C571	403 461 3710	CERAMIC	0.1U Z	25V		C5842	303 433 1112	CERAMIC	1U K	10V	
	303 454 0514	CERAMIC	0.1U Z	25V			403 462 2910	EP-ELECT	330U M	4V	
C5710	403 461 3710	CERAMIC	0.1U Z	25V		C5843	303 453 8917	CERAMIC	0.1U K	16V	
	303 454 0514	CERAMIC	0.1U Z	25V			303 453 8610	CERAMIC	0.1U K	16V	
C572	403 461 3710	CERAMIC	0.1U Z	25V		C5844	303 409 3426	CERAMIC	0.1U K	16V	
	303 454 0514	CERAMIC	0.1U Z	25V			303 454 1016	CERAMIC	8200P K	50V	
C573	403 461 3710	CERAMIC	0.1U Z	25V		C5861	303 306 6510	CERAMIC	8200P K	50V	
	303 454 0514	CERAMIC	0.1U Z	25V			403 455 1012	CERAMIC	1U K	10V	
C575	403 461 3710	CERAMIC	0.1U Z	25V		C5862	303 433 1112	CERAMIC	1U K	10V	
	303 454 0514	CERAMIC	0.1U Z	25V			403 462 2910	EP-ELECT	330U M	4V	
C5752	303 453 8917	CERAMIC	0.1U K	16V		C5863	303 453 8917	CERAMIC	0.1U K	16V	
	303 453 8610	CERAMIC	0.1U K	16V			303 453 8610	CERAMIC	0.1U K	16V	
C5753	303 409 3426	CERAMIC	0.1U K	16V		C5864	303 409 3426	CERAMIC	0.1U K	16V	
	303 454 1917	CERAMIC	4700P K	50V			303 454 1016	CERAMIC	8200P K	50V	
	303 379 7315	CERAMIC	4700P K	50V			303 306 6510	CERAMIC	8200P K	50V	
C5754	303 453 8917	CERAMIC	0.1U K	16V		C5865	303 381 5316	ELECT	100U M	16V	
	303 453 8610	CERAMIC	0.1U K	16V			303 381 5316	ELECT	100U M	16V	
	303 409 3426	CERAMIC	0.1U K	16V		C589	303 453 8917	CERAMIC	0.1U K	16V	
C5755	403 461 3710	CERAMIC	0.1U Z	25V			303 453 8610	CERAMIC	0.1U K	16V	
	303 454 0514	CERAMIC	0.1U Z	25V		C6801	303 409 3426	CERAMIC	0.1U K	16V	
C5756	403 462 2910	EP-ELECT	330U M	4V			303 453 8917	CERAMIC	0.1U K	16V	
C5757	303 453 8917	CERAMIC	0.1U K	16V			303 453 8610	CERAMIC	0.1U K	16V	
	303 453 8610	CERAMIC	0.1U K	16V		C6802	303 409 3426	CERAMIC	0.1U K	16V	
C5759	303 409 3426	CERAMIC	0.1U K	16V			303 453 8917	CERAMIC	0.1U K	16V	
	303 376 3112	ELECT	100U M	25V			303 453 8610	CERAMIC	0.1U K	16V	
C576	303 453 8511	CERAMIC	1000P K	50V		C6803	303 409 3426	CERAMIC	0.1U K	16V	
	303 454 1214	CERAMIC	1000P K	50V			303 453 8917	CERAMIC	0.1U K	16V	

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
	303 453 8610	CERAMIC 0.1U K 16V	C8022	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C7811	303 397 8219	CERAMIC 2.2U K 25V		303 409 3426	CERAMIC 0.1U K 16V
C7812	303 453 8917	CERAMIC 0.1U K 16V	C8023	303 453 8917	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
C7813	303 381 5613	ELECT 220U M 16V	C8024	303 453 8917	CERAMIC 0.1U K 16V
	303 423 8916	ELECT 220U M 16V		303 453 8610	CERAMIC 0.1U K 16V
C7816	303 376 3112	ELECT 100U M 25V		303 409 3426	CERAMIC 0.1U K 16V
C7817	303 453 8917	CERAMIC 0.1U K 16V	C8025	303 453 8917	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
C7818	303 454 1917	CERAMIC 4700P K 50V	C8026	303 453 6319	CERAMIC 100P J 50V
C7841	303 397 8219	CERAMIC 2.2U K 25V		303 454 0910	CERAMIC 100P J 50V
C7843	303 381 5316	ELECT 100U M 16V		303 294 6110	CERAMIC 100P J 50V
	303 369 3211	ELECT 100U M 16V	C8027	303 453 6319	CERAMIC 100P J 50V
C7844	303 381 5316	ELECT 100U M 16V		303 454 0910	CERAMIC 100P J 50V
	303 369 3211	ELECT 100U M 16V		303 294 6110	CERAMIC 100P J 50V
C7847	303 453 8917	CERAMIC 0.1U K 16V	C8028	303 453 6319	CERAMIC 100P J 50V
	303 453 8610	CERAMIC 0.1U K 16V		303 454 0910	CERAMIC 100P J 50V
	303 409 3426	CERAMIC 0.1U K 16V		303 294 6110	CERAMIC 100P J 50V
C7848	303 454 1917	CERAMIC 4700P K 50V	C8029	303 453 6319	CERAMIC 100P J 50V
	303 379 7315	CERAMIC 4700P K 50V		303 454 0910	CERAMIC 100P J 50V
C7863	303 381 5316	ELECT 100U M 16V		303 294 6110	CERAMIC 100P J 50V
	303 369 3211	ELECT 100U M 16V	C8031	303 453 8917	CERAMIC 0.1U K 16V
C7868	303 454 1917	CERAMIC 4700P K 50V		303 453 8610	CERAMIC 0.1U K 16V
C7870	303 401 4312	ELECT 47U M 25V		303 409 3426	CERAMIC 0.1U K 16V
C8007	303 391 5511	ELECT 10U M 16V	C8032	303 453 6319	CERAMIC 100P J 50V
C8008	303 453 8917	CERAMIC 0.1U K 16V		303 454 0910	CERAMIC 100P J 50V
	303 453 8610	CERAMIC 0.1U K 16V		303 294 6110	CERAMIC 100P J 50V
	303 409 3426	CERAMIC 0.1U K 16V	C8097	403 461 3710	CERAMIC 0.1U Z 25V
C8009	303 453 8917	CERAMIC 0.1U K 16V		303 454 0514	CERAMIC 0.1U Z 25V
	303 453 8610	CERAMIC 0.1U K 16V	C8101	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C801	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C8106	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8010	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C8121	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8011	303 453 6319	CERAMIC 100P J 50V		303 409 3426	CERAMIC 0.1U K 16V
	303 454 0910	CERAMIC 100P J 50V	C8161	303 358 3215	CERAMIC 10U K 6.3V
	303 294 6110	CERAMIC 100P J 50V		303 368 7319	CERAMIC 10U K 6.3V
C8012	303 453 6319	CERAMIC 100P J 50V	C8813	303 453 8917	CERAMIC 0.1U K 16V
	303 454 0910	CERAMIC 100P J 50V		303 453 8610	CERAMIC 0.1U K 16V
	303 294 6110	CERAMIC 100P J 50V		303 409 3426	CERAMIC 0.1U K 16V
C8013	303 453 6319	CERAMIC 100P J 50V	C8823	303 453 8917	CERAMIC 0.1U K 16V
	303 454 0910	CERAMIC 100P J 50V		303 453 8610	CERAMIC 0.1U K 16V
	303 294 6110	CERAMIC 100P J 50V		303 409 3426	CERAMIC 0.1U K 16V
C8014	303 391 5511	ELECT 10U M 16V	C891	303 453 8917	CERAMIC 0.1U K 16V
C8015	303 391 5511	ELECT 10U M 16V		303 453 8610	CERAMIC 0.1U K 16V
C8016	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9642	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8017	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9643	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8018	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9644	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8019	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9882	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8020	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V			
	303 409 3426	CERAMIC 0.1U K 16V			
C8021	303 391 5511	ELECT 10U M 16V			

RESISTOR

Electrical Parts List

Key No. Part No. Description					Key No. Part No. Description				
R1000	301 238 4512	MT-GLAZE	47 JA	1/3W	R1907	301 224 9316	MT-GLAZE	1K JA	1/16W
R1011	301 225 8110	MT-GLAZE	10 JA	1/16W	R1908	301 224 9316	MT-GLAZE	1K JA	1/16W
R1013	301 224 9514	MT-GLAZE	2.2K JA	1/16W	R1909	301 224 9316	MT-GLAZE	1K JA	1/16W
R1014	301 225 1418	MT-GLAZE	47K JA	1/16W	R1911	303 376 6212	CERAMIC	0.22U K	10V
R1016	301 224 9316	MT-GLAZE	1K JA	1/16W	R1913	303 376 6212	CERAMIC	0.22U K	10V
R1020	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R1914	303 376 6212	CERAMIC	0.22U K	10V
R1021	301 260 4115	MT-GLAZE	75 JA	1/3W	R1917	303 376 6212	CERAMIC	0.22U K	10V
R1022	301 260 4115	MT-GLAZE	75 JA	1/3W	R1918	303 376 6212	CERAMIC	0.22U K	10V
R1023	301 260 4115	MT-GLAZE	75 JA	1/3W	R1919	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1024	301 225 1418	MT-GLAZE	47K JA	1/16W	R1920	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1026	301 225 1418	MT-GLAZE	47K JA	1/16W	R1922	303 453 8917	CERAMIC	0.1U K	16V
R1031	301 260 4115	MT-GLAZE	75 JA	1/3W		303 453 8610	CERAMIC	0.1U K	16V
R1032	301 260 4115	MT-GLAZE	75 JA	1/3W		303 409 3426	CERAMIC	0.1U K	16V
R1033	301 260 4115	MT-GLAZE	75 JA	1/3W	R1924	303 376 6212	CERAMIC	0.22U K	10V
R1034	301 225 1418	MT-GLAZE	47K JA	1/16W	R1925	303 376 6212	CERAMIC	0.22U K	10V
R1036	301 225 1418	MT-GLAZE	47K JA	1/16W	R1926	303 376 6212	CERAMIC	0.22U K	10V
R1037	301 224 9316	MT-GLAZE	1K JA	1/16W	R1930	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1038	301 224 9514	MT-GLAZE	2.2K JA	1/16W	R1931	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1039	301 224 9316	MT-GLAZE	1K JA	1/16W	R1932	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1040	301 224 9514	MT-GLAZE	2.2K JA	1/16W	R1939	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1041	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R1940	301 225 0213	MT-GLAZE	3.3K JA	1/16W
R1042	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R1943	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1043	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R1944	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1044	301 224 9019	MT-GLAZE	10K JA	1/16W	R2000	301 150 6014	MT-GLAZE	0.000 ZA	1/10W
R1046	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2002	301 225 1418	MT-GLAZE	47K JA	1/16W
R1047	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2003	301 225 0718	MT-GLAZE	56K JA	1/16W
R1051	301 225 1210	MT-GLAZE	4.7K JA	1/16W	R2004	301 225 1319	MT-GLAZE	470 JA	1/16W
R1052	301 225 1210	MT-GLAZE	4.7K JA	1/16W	R2006	301 224 9316	MT-GLAZE	1K JA	1/16W
R1061	301 224 9019	MT-GLAZE	10K JA	1/16W	R2007	301 224 8814	MT-GLAZE	100 JA	1/16W
R1062	301 224 9316	MT-GLAZE	1K JA	1/16W	R2008	301 225 0015	MT-GLAZE	270 JA	1/16W
R1301	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2012	301 225 1418	MT-GLAZE	47K JA	1/16W
R1306	301 224 9316	MT-GLAZE	1K JA	1/16W	R2013	301 225 0718	MT-GLAZE	56K JA	1/16W
R1351	301 224 9019	MT-GLAZE	10K JA	1/16W	R2014	301 225 1319	MT-GLAZE	470 JA	1/16W
R1352	301 224 9019	MT-GLAZE	10K JA	1/16W	R2016	301 224 9316	MT-GLAZE	1K JA	1/16W
R1353	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R2017	301 224 8814	MT-GLAZE	100 JA	1/16W
R1354	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R2022	301 225 1418	MT-GLAZE	47K JA	1/16W
R1391	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2023	301 225 0718	MT-GLAZE	56K JA	1/16W
R1392	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2024	301 225 1319	MT-GLAZE	470 JA	1/16W
R1393	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R2026	301 224 9316	MT-GLAZE	1K JA	1/16W
R1394	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R2027	301 224 8814	MT-GLAZE	100 JA	1/16W
R1801	301 224 8814	MT-GLAZE	100 JA	1/16W	R2028	301 225 0015	MT-GLAZE	270 JA	1/16W
R1804	301 224 8814	MT-GLAZE	100 JA	1/16W	R2032	301 224 9019	MT-GLAZE	10K JA	1/16W
R1808	301 259 7823	MT-GLAZE	20K JA	1/16W	R2036	301 225 8110	MT-GLAZE	10 JA	1/16W
R1809	301 224 9019	MT-GLAZE	10K JA	1/16W	R2037	301 225 8110	MT-GLAZE	10 JA	1/16W
R1811	301 224 9019	MT-GLAZE	10K JA	1/16W	R2038	301 225 8110	MT-GLAZE	10 JA	1/16W
R1814	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2039	301 225 8110	MT-GLAZE	10 JA	1/16W
R1816	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R2041	301 225 8110	MT-GLAZE	10 JA	1/16W
R1817	301 237 2915	MT-GLAZE	51 JA	1/16W	R2042	301 225 8110	MT-GLAZE	10 JA	1/16W
R1818	301 224 9415	MT-GLAZE	1M JA	1/16W	R2043	301 225 8110	MT-GLAZE	10 JA	1/16W
R1819	301 224 9019	MT-GLAZE	10K JA	1/16W	R2044	301 225 8110	MT-GLAZE	10 JA	1/16W
R1821	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R2046	301 225 8110	MT-GLAZE	10 JA	1/16W
R1822	301 224 9019	MT-GLAZE	10K JA	1/16W	R2047	301 225 8110	MT-GLAZE	10 JA	1/16W
R1823	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R2071	301 224 8913	MT-GLAZE	100K JA	1/16W
R1824	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2072	301 224 8913	MT-GLAZE	100K JA	1/16W
R1825	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2073	301 224 9415	MT-GLAZE	1M JA	1/16W
R1826	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R2074	301 224 9910	MT-GLAZE	22K JA	1/16W
R1829	301 224 9019	MT-GLAZE	10K JA	1/16W	R2076	301 224 8814	MT-GLAZE	100 JA	1/16W
R1831	301 224 9019	MT-GLAZE	10K JA	1/16W	R2091	301 224 9019	MT-GLAZE	10K JA	1/16W
R1833	301 224 9019	MT-GLAZE	10K JA	1/16W	R2092	301 224 8814	MT-GLAZE	100 JA	1/16W
R1834	301 224 9019	MT-GLAZE	10K JA	1/16W	R2093	301 224 8814	MT-GLAZE	100 JA	1/16W
R1837	301 224 9019	MT-GLAZE	10K JA	1/16W	R2096	301 224 9019	MT-GLAZE	10K JA	1/16W
R1838	301 225 3818	MT-GLAZE	1.5K JA	1/16W	R2097	301 224 9217	MT-GLAZE	15K JA	1/16W
R1842	301 224 9217	MT-GLAZE	15K JA	1/16W	R2501	945 041 1978	INDUCTOR,330	OHM	
R1843	301 224 9019	MT-GLAZE	10K JA	1/16W	R2502	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1847	301 224 9019	MT-GLAZE	10K JA	1/16W	R2503	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1848	301 224 9019	MT-GLAZE	10K JA	1/16W	R2504	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R1906	303 376 6212	CERAMIC	0.22U K	10V	R2509	301 226 1516	MT-GLAZE	0.000 ZA	1/16W

Electrical Parts List

Key No. Part No. Description						Key No. Part No. Description					
R2510	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3533	301	224	8913	MT-GLAZE	100K JA 1/16W
R2511	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R354	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R2513	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R356	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R2514	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3562	301	225	1418	MT-GLAZE	47K JA 1/16W
R2515	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3563	301	224	8913	MT-GLAZE	100K JA 1/16W
R2517	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3585	301	224	9019	MT-GLAZE	10K JA 1/16W
R2518	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3586	301	224	9316	MT-GLAZE	1K JA 1/16W
R2519	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3587	301	224	9316	MT-GLAZE	1K JA 1/16W
R2521	301	224	8913	MT-GLAZE	100K JA 1/16W	R3588	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R253	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3601	301	224	9316	MT-GLAZE	1K JA 1/16W
R2531	945	041	1978	INDUCTOR,330	OHM	R3602	301	225	0619	MT-GLAZE	5.6K JA 1/16W
R2532	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3603	301	224	9316	MT-GLAZE	1K JA 1/16W
R2533	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3604	301	225	0619	MT-GLAZE	5.6K JA 1/16W
R2534	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R361	301	339	9614	MT-GLAZE	23.2K FA 1/10W
R2535	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R362	301	302	3410	MT-GLAZE	13K JA 1/16W
R2537	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3621	301	224	9019	MT-GLAZE	10K JA 1/16W
R254	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3622	301	224	9019	MT-GLAZE	10K JA 1/16W
R2540	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3623	301	224	9019	MT-GLAZE	10K JA 1/16W
R2551	301	224	8913	MT-GLAZE	100K JA 1/16W	R3626	301	224	9019	MT-GLAZE	10K JA 1/16W
R2561	945	041	1978	INDUCTOR,330	OHM	R3627	301	224	9019	MT-GLAZE	10K JA 1/16W
R2562	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3628	301	224	9019	MT-GLAZE	10K JA 1/16W
R2563	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R371	301	224	9415	MT-GLAZE	1M JA 1/16W
R2564	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R3801	301	224	9019	MT-GLAZE	10K JA 1/16W
R2581	301	224	8913	MT-GLAZE	100K JA 1/16W	R3802	301	225	0213	MT-GLAZE	3.3K JA 1/16W
R262	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R381	301	263	7420	MT-GLAZE	75 JA 1/16W
R264	301	225	0312	MT-GLAZE	33 JA 1/16W	R3851	301	227	5612	MT-GLAZE	8.2K JA 1/16W
R266	301	225	0312	MT-GLAZE	33 JA 1/16W	R3853	301	256	6215	MT-GLAZE	270 JA 1/10W
R267	301	225	0312	MT-GLAZE	33 JA 1/16W	R3854	301	227	5612	MT-GLAZE	8.2K JA 1/16W
R268	301	224	9019	MT-GLAZE	10K JA 1/16W	R386	301	224	8814	MT-GLAZE	100 JA 1/16W
R269	301	224	8814	MT-GLAZE	100 JA 1/16W	R391	301	224	9316	MT-GLAZE	1K JA 1/16W
R272	301	225	0312	MT-GLAZE	33 JA 1/16W	R392	301	224	9019	MT-GLAZE	10K JA 1/16W
R2890	301	224	9712	MT-GLAZE	22 JA 1/16W	R4001	301	265	4912	MT-GLAZE	75 FA 1/10W
R2891	301	224	9712	MT-GLAZE	22 JA 1/16W	R4002	301	265	4912	MT-GLAZE	75 FA 1/10W
R2892	301	224	8814	MT-GLAZE	100 JA 1/16W	R4003	301	265	4912	MT-GLAZE	75 FA 1/10W
R301	301	224	9316	MT-GLAZE	1K JA 1/16W	R4004	301	265	4912	MT-GLAZE	75 FA 1/10W
R302	301	224	9316	MT-GLAZE	1K JA 1/16W	R4006	301	265	4912	MT-GLAZE	75 FA 1/10W
R303	301	224	9316	MT-GLAZE	1K JA 1/16W	R4007	301	150	6014	MT-GLAZE	0.000 ZA 1/10W
R304	301	224	9316	MT-GLAZE	1K JA 1/16W	R4008	301	150	6014	MT-GLAZE	0.000 ZA 1/10W
R306	301	224	9712	MT-GLAZE	22 JA 1/16W	R401	301	224	8814	MT-GLAZE	100 JA 1/16W
R307	301	224	9712	MT-GLAZE	22 JA 1/16W	R4011	301	150	6014	MT-GLAZE	0.000 ZA 1/10W
R308	301	339	9515	MT-GLAZE	12.1K FA 1/10W	R402	301	224	8814	MT-GLAZE	100 JA 1/16W
R311	301	224	9019	MT-GLAZE	10K JA 1/16W	R403	301	224	8814	MT-GLAZE	100 JA 1/16W
R312	301	224	9019	MT-GLAZE	10K JA 1/16W	R4031	301	225	8110	MT-GLAZE	10 JA 1/16W
R314	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R4032	301	225	8110	MT-GLAZE	10 JA 1/16W
R316	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R4041	301	225	8110	MT-GLAZE	10 JA 1/16W
R318	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R4042	301	225	8110	MT-GLAZE	10 JA 1/16W
R321	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R406	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R322	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R407	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R324	301	256	6017	MT-GLAZE	27K JA 1/10W	R408	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R325	301	150	5918	MT-GLAZE	10K JA 1/10W	R410	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R326	301	256	6611	MT-GLAZE	68K JA 1/10W	R412	301	225	1814	MT-GLAZE	47 JA 1/16W
R327	301	150	5918	MT-GLAZE	10K JA 1/10W	R414	301	225	1814	MT-GLAZE	47 JA 1/16W
R328	301	162	3711	MT-GLAZE	4.7K JA 1/10W	R416	301	225	1814	MT-GLAZE	47 JA 1/16W
R329	301	150	5918	MT-GLAZE	10K JA 1/10W	R418	301	225	1814	MT-GLAZE	47 JA 1/16W
R333	301	224	9019	MT-GLAZE	10K JA 1/16W	R419	301	225	1814	MT-GLAZE	47 JA 1/16W
R334	301	225	8110	MT-GLAZE	10 JA 1/16W	R422	301	225	1814	MT-GLAZE	47 JA 1/16W
R339	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R423	301	225	1814	MT-GLAZE	47 JA 1/16W
R342	301	224	9019	MT-GLAZE	10K JA 1/16W	R424	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R343	301	225	8110	MT-GLAZE	10 JA 1/16W	R425	301	150	6014	MT-GLAZE	0.000 ZA 1/10W
R344	301	224	8913	MT-GLAZE	100K JA 1/16W	R426	301	224	9019	MT-GLAZE	10K JA 1/16W
R347	301	225	8110	MT-GLAZE	10 JA 1/16W	R427	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R348	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R4803	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R3502	301	225	1418	MT-GLAZE	47K JA 1/16W	R4834	301	224	9514	MT-GLAZE	2.2K JA 1/16W
R3503	301	224	8913	MT-GLAZE	100K JA 1/16W	R4836	301	037	5017	MT-GLAZE	0.000 ZA 1/10W
R352	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R4860	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R353	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R4861	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R3532	301	225	1418	MT-GLAZE	47K JA 1/16W	R4862	301	037	5215	MT-GLAZE	100 JA 1/10W

Electrical Parts List

Key No. Part No. Description					Key No. Part No. Description				
R4863	301 224 8814	MT-GLAZE	100 JA	1/16W	R5239	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5001	301 037 5017	MT-GLAZE	0.000 ZA	1/10W	R5240	301 162 2219	MT-GLAZE	10 JA	1/10W
R5002	301 225 8110	MT-GLAZE	10 JA	1/16W	R5241	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5003	301 225 8110	MT-GLAZE	10 JA	1/16W	R5248	301 150 6014	MT-GLAZE	0.000 ZA	1/10W
R5004	301 224 8913	MT-GLAZE	100K JA	1/16W	R5251	301 150 6014	MT-GLAZE	0.000 ZA	1/10W
R5005	301 224 8913	MT-GLAZE	100K JA	1/16W	R5253	301 150 6014	MT-GLAZE	0.000 ZA	1/10W
R5006	301 224 8913	MT-GLAZE	100K JA	1/16W	R5254	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5007	301 224 8913	MT-GLAZE	100K JA	1/16W	R5255	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5008	301 224 8913	MT-GLAZE	100K JA	1/16W	R5256	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5009	301 224 8913	MT-GLAZE	100K JA	1/16W	R5302	301 240 9710	MT-GLAZE	820K JA	1/16W
R5031	301 224 8814	MT-GLAZE	100 JA	1/16W	R5303	301 224 9316	MT-GLAZE	1K JA	1/16W
R5032	301 224 8814	MT-GLAZE	100 JA	1/16W	R5304	301 224 9316	MT-GLAZE	1K JA	1/16W
R5033	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R5306	301 162 2219	MT-GLAZE	10 JA	1/10W
R5034	301 224 9316	MT-GLAZE	1K JA	1/16W	R5307	301 224 9019	MT-GLAZE	10K JA	1/16W
R5036	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R5308	301 224 9316	MT-GLAZE	1K JA	1/16W
R5037	301 224 9316	MT-GLAZE	1K JA	1/16W	R5312	301 224 9316	MT-GLAZE	1K JA	1/16W
R5039	301 229 7218	MT-GLAZE	18K JA	1/16W	R5314	301 224 9415	MT-GLAZE	1M JA	1/16W
R5040	301 224 9019	MT-GLAZE	10K JA	1/16W	R5318	301 225 1517	MT-GLAZE	3.9K JA	1/16W
R5041	301 224 9316	MT-GLAZE	1K JA	1/16W	R5326	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5042	301 224 9316	MT-GLAZE	1K JA	1/16W	R5327	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5044	301 224 9019	MT-GLAZE	10K JA	1/16W	R5331	301 240 9710	MT-GLAZE	820K JA	1/16W
R5046	301 224 9019	MT-GLAZE	10K JA	1/16W	R5332	301 224 9316	MT-GLAZE	1K JA	1/16W
R5047	301 224 9613	MT-GLAZE	2.7K JA	1/16W	R5333	301 224 9316	MT-GLAZE	1K JA	1/16W
R5048	301 224 9316	MT-GLAZE	1K JA	1/16W	R5334	301 224 9019	MT-GLAZE	10K JA	1/16W
R5051	301 224 9019	MT-GLAZE	10K JA	1/16W	R5336	301 224 9316	MT-GLAZE	1K JA	1/16W
R5052	301 224 9910	MT-GLAZE	22K JA	1/16W	R5337	301 224 9316	MT-GLAZE	1K JA	1/16W
R5053	301 224 9910	MT-GLAZE	22K JA	1/16W	R5338	301 226 2414	MT-GLAZE	560 JA	1/16W
R506	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R5341	301 162 2219	MT-GLAZE	10 JA	1/10W
R5061	301 224 9316	MT-GLAZE	1K JA	1/16W	R5342	301 037 5017	MT-GLAZE	0.000 ZA	1/10W
R5062	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R5344	301 225 0718	MT-GLAZE	56K JA	1/16W
R5063	301 224 9316	MT-GLAZE	1K JA	1/16W	R5345	301 224 9316	MT-GLAZE	1K JA	1/16W
R5064	301 224 9316	MT-GLAZE	1K JA	1/16W	R5351	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5066	301 225 0213	MT-GLAZE	3.3K JA	1/16W	R536	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5067	301 224 9316	MT-GLAZE	1K JA	1/16W	R537	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5069	301 224 9316	MT-GLAZE	1K JA	1/16W	R540	301 294 3115	MT-GLAZE	1K FA	1/16W
R507	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R541	301 225 8110	MT-GLAZE	10 JA	1/16W
R5082	301 224 9316	MT-GLAZE	1K JA	1/16W	R549	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R510	301 294 3115	MT-GLAZE	1K FA	1/16W	R550	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R511	301 225 8110	MT-GLAZE	10 JA	1/16W	R551	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R519	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R552	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R520	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R5601	301 224 9316	MT-GLAZE	1K JA	1/16W
R5201	301 225 8110	MT-GLAZE	10 JA	1/16W	R5611	301 224 8814	MT-GLAZE	100 JA	1/16W
R5202	301 225 8110	MT-GLAZE	10 JA	1/16W	R5620	301 190 1710	MT-GLAZE	0.000 ZA	1W
R5203	301 225 8110	MT-GLAZE	10 JA	1/16W	R5621	301 190 1710	MT-GLAZE	0.000 ZA	1W
R5204	301 225 8110	MT-GLAZE	10 JA	1/16W	R5625	301 198 7912	MT-GLAZE	47 JA	1W
R5206	301 225 8110	MT-GLAZE	10 JA	1/16W	R5626	301 198 7912	MT-GLAZE	47 JA	1W
R5207	301 225 8110	MT-GLAZE	10 JA	1/16W	R5627	301 198 7912	MT-GLAZE	47 JA	1W
R5208	301 224 8814	MT-GLAZE	100 JA	1/16W	R5641	301 224 9316	MT-GLAZE	1K JA	1/16W
R5209	301 224 8814	MT-GLAZE	100 JA	1/16W	R566	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R521	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R567	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5211	301 224 8814	MT-GLAZE	100 JA	1/16W	R570	301 294 3115	MT-GLAZE	1K FA	1/16W
R5212	301 224 8814	MT-GLAZE	100 JA	1/16W	R5701	301 294 3016	MT-GLAZE	10K FA	1/16W
R5213	301 225 1814	MT-GLAZE	47 JA	1/16W	R5702	301 294 4419	MT-GLAZE	1.8K FA	1/16W
R5215	301 225 3818	MT-GLAZE	1.5K JA	1/16W	R5703	301 301 0410	MT-GLAZE	240 FA	1/16W
R5218	945 040 6448	INDUCTOR,3.3U M			R5705	301 224 9316	MT-GLAZE	1K JA	1/16W
R522	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R571	301 225 8110	MT-GLAZE	10 JA	1/16W
R5223	301 224 9316	MT-GLAZE	1K JA	1/16W	R5751	301 224 9019	MT-GLAZE	10K JA	1/16W
R5224	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R5752	301 224 9019	MT-GLAZE	10K JA	1/16W
R5226	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R5755	301 255 6018	MT-GLAZE	1M JA	1/10W
R5228	301 224 9316	MT-GLAZE	1K JA	1/16W	R5756	301 294 3016	MT-GLAZE	10K FA	1/16W
R5229	301 036 9610	MT-GLAZE	56 JA	1/8W	R5758	301 225 8110	MT-GLAZE	10 JA	1/16W
R5231	301 036 9610	MT-GLAZE	56 JA	1/8W	R5759	301 225 0213	MT-GLAZE	3.3K JA	1/16W
R5232	301 036 9610	MT-GLAZE	56 JA	1/8W	R5760	301 299 5312	MT-GLAZE	12K FA	1/16W
R5233	301 150 6014	MT-GLAZE	0.000 ZA	1/10W	R5761	301 294 2613	MT-GLAZE	4.7K FA	1/16W
R5234	301 150 6014	MT-GLAZE	0.000 ZA	1/10W	R579	301 226 1516	MT-GLAZE	0.000 ZA	1/16W
R5236	301 150 6014	MT-GLAZE	0.000 ZA	1/10W	R5799	301 224 8913	MT-GLAZE	100K JA	1/16W
R5238	301 226 1516	MT-GLAZE	0.000 ZA	1/16W	R580	301 226 1516	MT-GLAZE	0.000 ZA	1/16W

Electrical Parts List

Key No. Part No. Description						Key No. Part No. Description					
R5801	301	294	3511	MT-GLAZE	27K FA 1/16W	R6868	301	225	1616	MT-GLAZE	390 JA 1/16W
R5802	301	224	8913	MT-GLAZE	100K JA 1/16W	R6869	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R5803	301	294	3016	MT-GLAZE	10K FA 1/16W	R699	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R5804	301	224	9019	MT-GLAZE	10K JA 1/16W	R7801	301	224	9019	MT-GLAZE	10K JA 1/16W
R5806	301	225	2118	MT-GLAZE	12K JA 1/16W	R7803	301	224	9019	MT-GLAZE	10K JA 1/16W
R5807	301	037	5017	MT-GLAZE	0.000 ZA 1/10W	R7805	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R5808	301	224	9019	MT-GLAZE	10K JA 1/16W	R7816	301	225	8110	MT-GLAZE	10 JA 1/16W
R5809	301	224	9019	MT-GLAZE	10K JA 1/16W	R7818	301	294	3016	MT-GLAZE	10K FA 1/16W
R581	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7819	301	224	8913	MT-GLAZE	100K JA 1/16W
R5811	301	224	8913	MT-GLAZE	100K JA 1/16W	R7821	301	294	3511	MT-GLAZE	27K FA 1/16W
R5812	301	224	8913	MT-GLAZE	100K JA 1/16W	R7824	301	294	2811	MT-GLAZE	2.2K FA 1/16W
R5813	301	294	3511	MT-GLAZE	27K FA 1/16W	R7828	301	224	9019	MT-GLAZE	10K JA 1/16W
R5814	301	294	3016	MT-GLAZE	10K FA 1/16W	R7829	301	224	9316	MT-GLAZE	1K JA 1/16W
R582	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7831	301	224	9316	MT-GLAZE	1K JA 1/16W
R5821	301	225	1418	MT-GLAZE	47K JA 1/16W	R7832	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R5823	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R7833	301	225	0213	MT-GLAZE	3.3K JA 1/16W
R5824	301	287	2227	MT-GLAZE	22K FA 1/16W	R7834	301	286	4717	MT-GLAZE	30K JA 1/16W
R5826	301	338	8113	MT-GLAZE	1.2K FA 1/16W	R7843	301	241	0211	MT-GLAZE	3.3M JA 1/16W
R5827	301	294	3016	MT-GLAZE	10K FA 1/16W	R7846	301	225	8110	MT-GLAZE	10 JA 1/16W
R5841	301	225	1418	MT-GLAZE	47K JA 1/16W	R7848	301	224	9019	MT-GLAZE	10K JA 1/16W
R5843	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R7849	301	224	8913	MT-GLAZE	100K JA 1/16W
R5844	301	294	3313	MT-GLAZE	15K FA 1/16W	R7850	301	286	4717	MT-GLAZE	30K JA 1/16W
R5846	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7851	301	294	3511	MT-GLAZE	27K FA 1/16W
R5847	301	294	3016	MT-GLAZE	10K FA 1/16W	R7854	301	294	4419	MT-GLAZE	1.8K FA 1/16W
R586	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7858	301	224	9019	MT-GLAZE	10K JA 1/16W
R5861	301	225	1418	MT-GLAZE	47K JA 1/16W	R7859	301	235	1415	MT-GLAZE	1.2K JA 1/16W
R5863	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R7863	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R5864	301	294	2613	MT-GLAZE	4.7K FA 1/16W	R7866	301	225	8110	MT-GLAZE	10 JA 1/16W
R5866	301	301	8119	MT-GLAZE	3.9K FA 1/16W	R7869	301	224	8913	MT-GLAZE	100K JA 1/16W
R5867	301	294	3016	MT-GLAZE	10K FA 1/16W	R7871	301	294	3511	MT-GLAZE	27K FA 1/16W
R587	301	224	9019	MT-GLAZE	10K JA 1/16W	R7874	301	294	2811	MT-GLAZE	2.2K FA 1/16W
R590	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7878	301	224	9019	MT-GLAZE	10K JA 1/16W
R593	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7879	301	224	9316	MT-GLAZE	1K JA 1/16W
R594	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7881	301	224	9316	MT-GLAZE	1K JA 1/16W
R596	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7882	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R6800	301	225	1517	MT-GLAZE	3.9K JA 1/16W	R7883	301	225	0213	MT-GLAZE	3.3K JA 1/16W
R6801	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R7884	301	286	4717	MT-GLAZE	30K JA 1/16W
R6802	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R7891	301	224	9316	MT-GLAZE	1K JA 1/16W
R6803	301	224	9019	MT-GLAZE	10K JA 1/16W	R7892	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R6804	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R7893	301	240	5613	MT-GLAZE	3K JA 1/16W
R6806	301	224	9217	MT-GLAZE	15K JA 1/16W	R801	301	224	9019	MT-GLAZE	10K JA 1/16W
R6807	301	234	9917	MT-GLAZE	6.8K JA 1/16W	R802	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6808	301	225	1517	MT-GLAZE	3.9K JA 1/16W	R8020	301	224	9019	MT-GLAZE	10K JA 1/16W
R6809	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R803	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6811	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R804	301	224	9019	MT-GLAZE	10K JA 1/16W
R6812	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R8064	301	224	8913	MT-GLAZE	100K JA 1/16W
R6813	301	224	9019	MT-GLAZE	10K JA 1/16W	R807	301	224	9019	MT-GLAZE	10K JA 1/16W
R6818	301	234	9917	MT-GLAZE	6.8K JA 1/16W	R8076	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6821	301	226	1516	MT-GLAZE	0.000 ZA 1/16W	R808	301	224	9019	MT-GLAZE	10K JA 1/16W
R6822	301	225	0213	MT-GLAZE	3.3K JA 1/16W	R8080	301	150	6212	MT-GLAZE	1K JA 1/10W
R6823	301	224	9019	MT-GLAZE	10K JA 1/16W	R8084	301	261	1014	MT-GLAZE	2.4K JA 1/16W
R6841	301	225	8011	MT-GLAZE	330 JA 1/16W	R809	301	225	8516	MT-GLAZE	1.8K JA 1/16W
R6843	301	225	8011	MT-GLAZE	330 JA 1/16W	R8094	301	224	9514	MT-GLAZE	2.2K JA 1/16W
R6846	301	225	1210	MT-GLAZE	4.7K JA 1/16W	R8096	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6848	301	225	2019	MT-GLAZE	680 JA 1/16W	R8097	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6849	301	225	2019	MT-GLAZE	680 JA 1/16W	R8099	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6851	301	225	1210	MT-GLAZE	4.7K JA 1/16W	R8101	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R6853	301	225	1319	MT-GLAZE	470 JA 1/16W	R8102	301	225	1210	MT-GLAZE	4.7K JA 1/16W
R6854	301	225	1210	MT-GLAZE	4.7K JA 1/16W	R8103	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6857	301	225	1616	MT-GLAZE	390 JA 1/16W	R8104	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6858	301	225	1616	MT-GLAZE	390 JA 1/16W	R8106	301	224	9019	MT-GLAZE	10K JA 1/16W
R6859	301	225	1210	MT-GLAZE	4.7K JA 1/16W	R8108	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6863	301	225	3818	MT-GLAZE	1.5K JA 1/16W	R8113	301	224	9019	MT-GLAZE	10K JA 1/16W
R6864	301	225	1210	MT-GLAZE	4.7K JA 1/16W	R8114	301	224	9316	MT-GLAZE	1K JA 1/16W
R6865	301	224	9316	MT-GLAZE	1K JA 1/16W	R812	301	224	9019	MT-GLAZE	10K JA 1/16W
R6866	301	225	1210	MT-GLAZE	4.7K JA 1/16W	R8121	301	226	1516	MT-GLAZE	0.000 ZA 1/16W
R6867	301	225	1616	MT-GLAZE	390 JA 1/16W	R8122	301	226	1516	MT-GLAZE	0.000 ZA 1/16W

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
R8123	301 225 0213	MT-GLAZE 3.3K JA 1/16W		945 036 3529	R-NETWORK 0X4 1/32W
R8124	301 225 0213	MT-GLAZE 3.3K JA 1/16W		945 037 0817	R-NETWORK 0X4 1/16W
R8130	301 226 1516	MT-GLAZE 0.000 ZA 1/16W	RB531	645 071 9592	R-NETWORK 0X4 1/32W
R8131	301 226 1516	MT-GLAZE 0.000 ZA 1/16W		945 036 3529	R-NETWORK 0X4 1/32W
R8132	301 226 1516	MT-GLAZE 0.000 ZA 1/16W		945 037 0817	R-NETWORK 0X4 1/16W
R8133	301 226 1516	MT-GLAZE 0.000 ZA 1/16W	RB532	645 071 9592	R-NETWORK 0X4 1/32W
R8134	301 226 1516	MT-GLAZE 0.000 ZA 1/16W		945 036 3529	R-NETWORK 0X4 1/32W
R839	301 225 0213	MT-GLAZE 3.3K JA 1/16W		945 037 0817	R-NETWORK 0X4 1/16W
R8811	301 225 8110	MT-GLAZE 10 JA 1/16W	RB533	645 071 9592	R-NETWORK 0X4 1/32W
R8812	301 225 8110	MT-GLAZE 10 JA 1/16W		945 036 3529	R-NETWORK 0X4 1/32W
R8821	301 225 8110	MT-GLAZE 10 JA 1/16W		945 037 0817	R-NETWORK 0X4 1/16W
R8822	301 225 8110	MT-GLAZE 10 JA 1/16W	RB561	645 071 9592	R-NETWORK 0X4 1/32W
R891	301 224 8814	MT-GLAZE 100 JA 1/16W		945 036 3529	R-NETWORK 0X4 1/32W
R892	301 224 8814	MT-GLAZE 100 JA 1/16W		945 037 0817	R-NETWORK 0X4 1/16W
R9882	301 226 1516	MT-GLAZE 0.000 ZA 1/16W	RB562	645 071 9592	R-NETWORK 0X4 1/32W
RB221	645 049 0675	R-NETWORK 33X4 1/32W		945 036 3529	R-NETWORK 0X4 1/32W
	945 049 0690	R-NETWORK 33X4 1/16W		945 037 0817	R-NETWORK 0X4 1/16W
RB222	645 049 0675	R-NETWORK 33X4 1/32W	RB563	645 071 9592	R-NETWORK 0X4 1/32W
	945 049 0690	R-NETWORK 33X4 1/16W		945 036 3529	R-NETWORK 0X4 1/32W
RB223	645 049 0675	R-NETWORK 33X4 1/32W		945 037 0817	R-NETWORK 0X4 1/16W
	945 049 0690	R-NETWORK 33X4 1/16W	RB8001	945 037 0817	R-NETWORK 0X4 1/16W
RB224	645 049 0675	R-NETWORK 33X4 1/32W	RB8002	945 037 0817	R-NETWORK 0X4 1/16W
	945 049 0690	R-NETWORK 33X4 1/16W	RB8003	945 037 0817	R-NETWORK 0X4 1/16W
RB226	645 049 0675	R-NETWORK 33X4 1/32W	RB8004	945 037 0817	R-NETWORK 0X4 1/16W
	945 049 0690	R-NETWORK 33X4 1/16W	RB8006	945 037 0817	R-NETWORK 0X4 1/16W
RB227	645 049 0675	R-NETWORK 33X4 1/32W	RB8007	945 037 0817	R-NETWORK 0X4 1/16W
	945 049 0690	R-NETWORK 33X4 1/16W			
RB2502	945 037 0817	R-NETWORK 0X4 1/16W	COIL		
RB2503	945 037 0817	R-NETWORK 0X4 1/16W	L1801	945 041 1978	INDUCTOR,330 OHM
RB2504	945 037 0817	R-NETWORK 0X4 1/16W	L1802	945 059 1748	INDUCTOR,2.2U J
RB301	945 037 0831	R-NETWORK 47X4 1/16W	L1803	945 059 1748	INDUCTOR,2.2U J
RB302	945 037 0831	R-NETWORK 47X4 1/16W	L1839	945 041 1978	INDUCTOR,330 OHM
RB303	945 037 0831	R-NETWORK 47X4 1/16W	L2091	945 086 7454	FILTER,EMI 50MHZ
RB304	945 037 0831	R-NETWORK 47X4 1/16W	L2093	945 086 7454	FILTER,EMI 50MHZ
RB306	945 037 0831	R-NETWORK 47X4 1/16W	L2501	945 041 1978	INDUCTOR,330 OHM
RB307	945 037 0831	R-NETWORK 47X4 1/16W	L2502	945 041 1978	INDUCTOR,330 OHM
RB308	945 037 0831	R-NETWORK 47X4 1/16W	L2531	945 041 1978	INDUCTOR,330 OHM
RB309	945 037 0831	R-NETWORK 47X4 1/16W	L2532	945 041 1978	INDUCTOR,330 OHM
RB411	945 037 0831	R-NETWORK 47X4 1/16W	L2561	945 041 1978	INDUCTOR,330 OHM
RB412	945 037 0831	R-NETWORK 47X4 1/16W	L2562	945 041 1978	INDUCTOR,330 OHM
RB413	945 037 0831	R-NETWORK 47X4 1/16W	L2892	945 086 5368	IMPEDANCE,220 OHM P
RB414	945 037 0831	R-NETWORK 47X4 1/16W	L341	945 086 5368	IMPEDANCE,220 OHM P
RB416	945 037 0831	R-NETWORK 47X4 1/16W	L351	945 086 5368	IMPEDANCE,220 OHM P
RB417	945 037 0831	R-NETWORK 47X4 1/16W	L352	945 086 5368	IMPEDANCE,220 OHM P
RB418	945 037 0831	R-NETWORK 47X4 1/16W	L353	945 086 5368	IMPEDANCE,220 OHM P
RB419	945 037 0831	R-NETWORK 47X4 1/16W	L3530	945 041 1978	INDUCTOR,330 OHM
RB421	945 037 0831	R-NETWORK 47X4 1/16W	L3532	945 041 1978	INDUCTOR,330 OHM
RB422	945 037 0831	R-NETWORK 47X4 1/16W	L3533	945 041 1978	INDUCTOR,330 OHM
RB423	945 037 0831	R-NETWORK 47X4 1/16W	L3534	945 041 2210	INDUCTOR,0.12U K
RB424	945 037 0831	R-NETWORK 47X4 1/16W	L354	945 086 5368	IMPEDANCE,220 OHM P
RB426	945 037 0831	R-NETWORK 47X4 1/16W	L356	945 086 5368	IMPEDANCE,220 OHM P
RB427	945 037 0831	R-NETWORK 47X4 1/16W	L357	945 086 5368	IMPEDANCE,220 OHM P
RB428	945 037 0831	R-NETWORK 47X4 1/16W	L3580	945 041 1978	INDUCTOR,330 OHM
RB429	945 037 0831	R-NETWORK 47X4 1/16W	L361	945 086 5368	IMPEDANCE,220 OHM P
RB431	945 037 0831	R-NETWORK 47X4 1/16W	L362	945 086 5368	IMPEDANCE,220 OHM P
RB432	945 037 0831	R-NETWORK 47X4 1/16W	L3620	945 086 5368	IMPEDANCE,220 OHM P
RB433	945 037 0831	R-NETWORK 47X4 1/16W	L3621	945 086 5368	IMPEDANCE,220 OHM P
RB434	945 037 0831	R-NETWORK 47X4 1/16W	L3622	945 086 5368	IMPEDANCE,220 OHM P
RB436	945 037 0831	R-NETWORK 47X4 1/16W	L3624	945 086 5368	IMPEDANCE,220 OHM P
RB437	945 037 0831	R-NETWORK 47X4 1/16W	L3626	945 086 5368	IMPEDANCE,220 OHM P
RB501	645 071 9592	R-NETWORK 0X4 1/32W	L3627	945 086 5368	IMPEDANCE,220 OHM P
	945 036 3529	R-NETWORK 0X4 1/32W	L363	945 086 5368	IMPEDANCE,220 OHM P
	945 037 0817	R-NETWORK 0X4 1/16W	L3630	945 086 5368	IMPEDANCE,220 OHM P
RB502	645 071 9592	R-NETWORK 0X4 1/32W	L3631	945 086 5368	IMPEDANCE,220 OHM P
	945 036 3529	R-NETWORK 0X4 1/32W	L3632	945 086 5368	IMPEDANCE,220 OHM P
	945 037 0817	R-NETWORK 0X4 1/16W	L3634	945 086 5368	IMPEDANCE,220 OHM P
RB503	645 071 9592	R-NETWORK 0X4 1/32W	L3636	945 086 5368	IMPEDANCE,220 OHM P

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
L3637	945 086 5368	IMPEDANCE,220 OHM P	D2097	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L366	945 086 5368	IMPEDANCE,220 OHM P	D2891	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L368	945 086 5368	IMPEDANCE,220 OHM P	D2892	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L4001	945 086 7577	FILTER,EMI 400MHZ	D3601	307 163 0414	DIODE 1SS352-(TPH3)
L4002	945 086 7577	FILTER,EMI 400MHZ		307 149 0810	DIODE 1SS355-TE-17
L4003	945 086 7577	FILTER,EMI 400MHZ		408 062 7201	DIODE 1SS35
L4004	945 086 7577	FILTER,EMI 400MHZ	D3602	307 163 0414	DIODE 1SS352-(TPH3)
L4006	945 086 7577	FILTER,EMI 400MHZ		307 149 0810	DIODE 1SS355-TE-17
L402	945 041 1978	INDUCTOR,330 OHM		408 062 7201	DIODE 1SS35
L4031	945 086 7454	FILTER,EMI 50MHZ	D3606	307 163 0414	DIODE 1SS352-(TPH3)
L4032	945 086 7454	FILTER,EMI 50MHZ		307 149 0810	DIODE 1SS355-TE-17
L4801	945 086 5368	IMPEDANCE,220 OHM P		408 062 7201	DIODE 1SS35
L4802	945 086 5368	IMPEDANCE,220 OHM P	D3611	307 163 0414	DIODE 1SS352-(TPH3)
L4803	945 086 5368	IMPEDANCE,220 OHM P		307 149 0810	DIODE 1SS355-TE-17
L4804	945 086 5368	IMPEDANCE,220 OHM P		408 062 7201	DIODE 1SS35
L4861	945 086 5368	IMPEDANCE,220 OHM P	D3613	307 163 0414	DIODE 1SS352-(TPH3)
L4862	945 086 5368	IMPEDANCE,220 OHM P		307 149 0810	DIODE 1SS355-TE-17
L501	945 041 1978	INDUCTOR,330 OHM		408 062 7201	DIODE 1SS35
L5200	301 037 5017	MT-GLAZE 0.000 ZA 1/10W	D3614	307 163 0414	DIODE 1SS352-(TPH3)
L531	945 041 1978	INDUCTOR,330 OHM		307 149 0810	DIODE 1SS355-TE-17
L5332	945 032 8344	INDUCTOR,39U J		408 062 7201	DIODE 1SS35
L5601	945 086 5368	IMPEDANCE,220 OHM P	D3617	307 163 0414	DIODE 1SS352-(TPH3)
L561	945 041 1978	INDUCTOR,330 OHM		408 062 7201	DIODE 1SS35
L5662	945 041 1978	INDUCTOR,330 OHM	D3618	307 163 0414	DIODE 1SS352-(TPH3)
L5701	945 041 1978	INDUCTOR,330 OHM		408 062 7201	DIODE 1SS35
L5702	945 038 4579	INDUCTOR,33U M	D3621	307 163 0414	DIODE 1SS352-(TPH3)
L5821	945 062 2930	INDUCTOR,10U M		408 062 7201	DIODE 1SS35
L5822	945 041 1978	INDUCTOR,330 OHM	D3622	307 163 0414	DIODE 1SS352-(TPH3)
L5828	945 041 1978	INDUCTOR,330 OHM		408 062 7201	DIODE 1SS35
L5841	945 062 2930	INDUCTOR,10U M	D3623	307 163 0414	DIODE 1SS352-(TPH3)
L5848	945 041 1978	INDUCTOR,330 OHM		408 062 7201	DIODE 1SS35
L5861	945 062 2930	INDUCTOR,10U M	D3626	307 163 0414	DIODE 1SS352-(TPH3)
L5868	945 041 1978	INDUCTOR,330 OHM		408 062 7201	DIODE 1SS35
L7811	945 062 2855	INDUCTOR,33U M	D3627	307 163 0414	DIODE 1SS352-(TPH3)
L7841	945 062 2855	INDUCTOR,33U M		408 062 7201	DIODE 1SS35
L7861	945 062 2855	INDUCTOR,33U M	D3628	307 163 0414	DIODE 1SS352-(TPH3)
L8001	945 086 5368	IMPEDANCE,220 OHM P		408 062 7201	DIODE 1SS35
L8002	945 086 5368	IMPEDANCE,220 OHM P	D3644	307 163 0414	DIODE 1SS352-(TPH3)
L8003	945 086 5368	IMPEDANCE,220 OHM P		408 062 7201	DIODE 1SS35
L8004	301 265 3618	MT-GLAZE 6.8 JA 1/10W	D4041	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L8079	945 041 1978	INDUCTOR,330 OHM	D4812	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L8801	945 086 5368	IMPEDANCE,220 OHM P	D4813	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L8802	945 086 5368	IMPEDANCE,220 OHM P	D5053	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L8803	945 086 5368	IMPEDANCE,220 OHM P	D5054	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3
L9641	945 033 7964	INDUCTOR,47U M	D5061	307 163 0414	DIODE 1SS352-(TPH3)
				307 149 0810	DIODE 1SS355-TE-17
				408 062 7201	DIODE 1SS35
			D5062	307 163 0414	DIODE 1SS352-(TPH3)
				307 149 0810	DIODE 1SS355-TE-17
				408 062 7201	DIODE 1SS35
			D5201	307 210 5416	DIODE RB551V-30-TE-17
			D5202	307 210 5416	DIODE RB551V-30-TE-17
			D5203	307 210 5416	DIODE RB551V-30-TE-17
			D5204	307 210 5416	DIODE RB551V-30-TE-17
			D5601	307 254 2716	DIODE CMS16
				307 201 2724	DIODE RB051L-40-TE25
			D5622	307 163 0414	DIODE 1SS352-(TPH3)
				307 149 0810	DIODE 1SS355-TE-17
				408 062 7201	DIODE 1SS35
			D5623	307 163 0414	DIODE 1SS352-(TPH3)
				307 149 0810	DIODE 1SS355-TE-17
				408 062 7201	DIODE 1SS35
			D5624	307 163 0414	DIODE 1SS352-(TPH3)
				307 149 0810	DIODE 1SS355-TE-17
				408 062 7201	DIODE 1SS35
			D5684	307 254 2716	DIODE CMS16
			D5703	307 163 0414	DIODE 1SS352-(TPH3)
D1001	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1002	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1003	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1011	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1024	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1026	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1034	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1036	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D1041	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
	307 209 1214	ZD UDZS-TE-176.2B			
D1042	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
	307 209 1214	ZD UDZS-TE-176.2B			
D1091	307 205 5216	DIODE RB521S-30-TE61			
D1092	307 205 5216	DIODE RB521S-30-TE61			
D2071	307 163 0414	DIODE 1SS352-(TPH3)			
	408 062 7201	DIODE 1SS35			
D2091	307 223 7315	PC TLP421F(D4-GB-TP4)			
D2092	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			
D2093	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3			

Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
	307 149 0810	DIODE 1SS355-TE-17	SC4032	945 076 3503	SURGE-ABSORBER
	408 062 7201	DIODE 1SS35	SC4033	945 076 3503	SURGE-ABSORBER
D5704	307 163 0414	DIODE 1SS352-(TPH3)	SC4034	945 076 3503	SURGE-ABSORBER
	307 149 0810	DIODE 1SS355-TE-17	SC5608	945 076 3503	SURGE-ABSORBER
	408 062 7201	DIODE 1SS35	SW6800	945 026 2792	SWITCH,PUSH 1P-1TX1
D5751	307 254 2914	ZENER DIODE 02DZ6.8Y(TPH3)		952 001 8830	SWITCH,PUSH 1P-1TX1
	307 209 4512	ZD UDZS-TE-176.8B	SW6801	945 026 2792	SWITCH,PUSH 1P-1TX1
D5821	307 254 2716	DIODE CMS16		952 001 8830	SWITCH,PUSH 1P-1TX1
D5861	307 254 2716	DIODE CMS16	SW6802	945 026 2792	SWITCH,PUSH 1P-1TX1
D6801	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)		952 001 8830	SWITCH,PUSH 1P-1TX1
D6802	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)	SW6803	945 026 2792	SWITCH,PUSH 1P-1TX1
D6803	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)		952 001 8830	SWITCH,PUSH 1P-1TX1
D6831	307 209 7513	LED SML-210YT T86 L	SW6804	945 026 2792	SWITCH,PUSH 1P-1TX1
D6832	307 203 7816	LED SML-210LT T86 M		952 001 8830	SWITCH,PUSH 1P-1TX1
D6833	307 222 4810	LED SML-521MUW T86	SW6806	945 026 2792	SWITCH,PUSH 1P-1TX1
D6841	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)		952 001 8830	SWITCH,PUSH 1P-1TX1
D6842	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)	SW6807	945 026 2792	SWITCH,PUSH 1P-1TX1
D6843	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)		952 001 8830	SWITCH,PUSH 1P-1TX1
D6844	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)	SW6808	945 026 2792	SWITCH,PUSH 1P-1TX1
D6845	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)		952 001 8830	SWITCH,PUSH 1P-1TX1
D7812	307 254 2716	DIODE CMS16	SW6809	945 026 2792	SWITCH,PUSH 1P-1TX1
	307 201 2724	DIODE RB051L-40-TE25		952 001 8830	SWITCH,PUSH 1P-1TX1
D7842	307 254 2716	DIODE CMS16	SW6811	945 026 2792	SWITCH,PUSH 1P-1TX1
D7862	307 254 2716	DIODE CMS16		952 001 8830	SWITCH,PUSH 1P-1TX1
	307 201 2724	DIODE RB051L-40-TE25	X1801	945 076 0311	OSC,CRYSTAL 48MHZ
D8003	307 232 0611	ZENER DIODE UDZS3.3B-TE-1	X341	945 088 7179	OSC,CRYSTAL 27.0MHZ
D8161	307 205 5216	DIODE RB521S-30-TE61	XL1021	945 086 7577	FILTER,EMI 400MHZ
D8162	307 205 5216	DIODE RB521S-30-TE61	XL1022	945 086 7577	FILTER,EMI 400MHZ
D8163	307 223 1115	ZENER DIODE 02DZ6.2Y(TPH3)	XL1023	945 086 7577	FILTER,EMI 400MHZ
MISCELLANEOUS			XL1024	945 086 7560	FILTER,EMI 200MHZ
FB2891	945 086 6037	IMPEDANCE,330 OHM P	XL1026	945 086 7560	FILTER,EMI 200MHZ
FB3620	945 086 6037	IMPEDANCE,330 OHM P	XL1031	945 086 7577	FILTER,EMI 400MHZ
FB3621	945 086 6037	IMPEDANCE,330 OHM P	XL1032	945 086 7577	FILTER,EMI 400MHZ
FB3622	945 086 6037	IMPEDANCE,330 OHM P	XL1033	945 086 7577	FILTER,EMI 400MHZ
FB3624	945 086 6037	IMPEDANCE,330 OHM P	XL1034	945 086 7560	FILTER,EMI 200MHZ
FB3626	945 086 6037	IMPEDANCE,330 OHM P	XL1036	945 086 7560	FILTER,EMI 200MHZ
FB3627	945 086 6037	IMPEDANCE,330 OHM P	655 002 3582 ASSY,PWB,NETWORK KF3AC		
FB4801	945 086 6037	IMPEDANCE,330 OHM P	TRANSISTOR		
FB602	945 041 1978	INDUCTOR,330 OHM	Q5001	305 014 4512	TR 2SC2412K T146 R
FB603	945 041 1978	INDUCTOR,330 OHM		305 014 4611	TR 2SC2412K T146 S
FB604	945 041 1978	INDUCTOR,330 OHM		305 015 8727	TR 2SC2812-L6-TB
FB605	945 041 1978	INDUCTOR,330 OHM		305 015 8925	TR 2SC2812-L7-TB
FB606	945 041 1978	INDUCTOR,330 OHM		305 163 1615	TR 2SC2812N-L6-TB0
FB607	945 041 1978	INDUCTOR,330 OHM		305 173 9816	TR 2SC3928A1R
FB609	945 041 1978	INDUCTOR,330 OHM		305 173 9915	TR 2SC3928A1S
FB8801	945 086 6037	IMPEDANCE,330 OHM P	Q5002	305 014 4512	TR 2SC2412K T146 R
K10A	945 076 2698	SOCKET,DVI 29P		305 014 4611	TR 2SC2412K T146 S
K10B	645 089 7696	SOCKET,D-SUB 15P		305 015 8727	TR 2SC2812-L6-TB
K20D	945 006 4792	JACK,PHONE D3.6		305 015 8925	TR 2SC2812-L7-TB
	952 001 0070	JACK,PHONE D3.6		305 163 1615	TR 2SC2812N-L6-TB0
K40A	645 089 7702	SOCKET,D-SUB 15P		305 173 9816	TR 2SC3928A1R
K40B	945 078 1613	SOCKET,DIN 8P		305 173 9915	TR 2SC3928A1S
	952 001 8427	SOCKET,DIN 8P	Q8601	305 014 4512	TR 2SC2412K T146 R
K40C	645 095 2647	SOCKET,USB 4P		305 014 4611	TR 2SC2412K T146 S
SC1021	945 076 3503	SURGE-ABSORBER		305 015 8727	TR 2SC2812-L6-TB
SC1022	945 076 3503	SURGE-ABSORBER		305 015 8925	TR 2SC2812-L7-TB
SC1023	945 076 3503	SURGE-ABSORBER		305 163 1615	TR 2SC2812N-L6-TB0
SC1031	945 076 3503	SURGE-ABSORBER		305 173 9816	TR 2SC3928A1R
SC1032	945 076 3503	SURGE-ABSORBER		305 173 9915	TR 2SC3928A1S
SC1033	945 076 3503	SURGE-ABSORBER	INTEGRATED CIRCUIT		
SC4001	945 076 3503	SURGE-ABSORBER	IC8301	410 641 3900	IC MC9328MX21VM
SC4002	945 076 3503	SURGE-ABSORBER	IC8302	310 538 4907	IC 24LC64T-I/SNG
SC4003	945 076 3503	SURGE-ABSORBER			
SC4004	945 076 3503	SURGE-ABSORBER			
SC4006	945 076 3503	SURGE-ABSORBER			
SC4031	945 076 3503	SURGE-ABSORBER			

Electrical Parts List

Key No. Part No. Description				Key No. Part No. Description			
IC8303	309 301 5431	IC TC7S14FU			303 409 3426	CERAMIC	0.1U K 16V
IC8304	309 301 5431	IC TC7S14FU		C8313	303 453 8917	CERAMIC	0.1U K 16V
IC8451	410 650 3403	IC K4M283233H-HN75			303 453 8610	CERAMIC	0.1U K 16V
	410 650 3205	IC IS42S32400D-6BL			303 409 3426	CERAMIC	0.1U K 16V
IC8501	410 660 0805	IC S29GL032A90TFIR30KF3AC		C8314	303 453 8917	CERAMIC	0.1U K 16V
IC8551	410 650 3403	IC K4M283233H-HN75			303 453 8610	CERAMIC	0.1U K 16V
	410 650 3205	IC IS42S32400D-6BL			303 409 3426	CERAMIC	0.1U K 16V
IC8601	410 631 4405	IC EP2C35F484C8N		C8316	303 453 8917	CERAMIC	0.1U K 16V
IC8801	410 641 4105	IC LAN9118-MT-REV.A			303 453 8610	CERAMIC	0.1U K 16V
IC8902	309 553 4712	IC PQ070XZ02ZP			303 409 3426	CERAMIC	0.1U K 16V
IC8932	309 670 5418	IC SI-3010KM		C8317	303 453 8917	CERAMIC	0.1U K 16V
IC8933	309 670 5418	IC SI-3010KM			303 453 8610	CERAMIC	0.1U K 16V
IC9601	309 334 0137	IC TC7W125FU			303 409 3426	CERAMIC	0.1U K 16V
IC9701	310 428 4307	IC LM809M3-2.93		C8318	303 453 8917	CERAMIC	0.1U K 16V
IC9711	309 334 0137	IC TC7W125FU			303 453 8610	CERAMIC	0.1U K 16V
					303 409 3426	CERAMIC	0.1U K 16V
CAPACITOR				C8319	303 453 8917	CERAMIC	0.1U K 16V
C5001	303 391 5511	ELECT	10U M 16V		303 453 8610	CERAMIC	0.1U K 16V
C5002	303 391 5511	ELECT	10U M 16V		303 409 3426	CERAMIC	0.1U K 16V
C5003	303 453 8917	CERAMIC	0.1U K 16V	C8321	303 453 8917	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
C5004	303 453 8917	CERAMIC	0.1U K 16V	C8322	303 453 8917	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
C5006	303 453 8917	CERAMIC	0.1U K 16V	C8323	303 453 8917	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
C5007	403 455 5317	CERAMIC	6800P K 50V	C8324	303 453 8917	CERAMIC	0.1U K 16V
	303 454 0118	CERAMIC	6800P K 50V		303 453 8610	CERAMIC	0.1U K 16V
	303 441 9919	CERAMIC	6800P K 50V		303 409 3426	CERAMIC	0.1U K 16V
C5008	403 455 5317	CERAMIC	6800P K 50V	C8326	303 453 8917	CERAMIC	0.1U K 16V
	303 454 0118	CERAMIC	6800P K 50V		303 453 8610	CERAMIC	0.1U K 16V
	303 441 9919	CERAMIC	6800P K 50V		303 409 3426	CERAMIC	0.1U K 16V
C5009	303 453 8917	CERAMIC	0.1U K 16V	C8327	303 453 8917	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
C5011	303 391 5511	ELECT	10U M 16V	C8328	303 453 8917	CERAMIC	0.1U K 16V
C5012	303 391 5511	ELECT	10U M 16V		303 453 8610	CERAMIC	0.1U K 16V
C8001	403 455 5317	CERAMIC	6800P K 50V		303 409 3426	CERAMIC	0.1U K 16V
	303 454 0118	CERAMIC	6800P K 50V	C8329	303 453 8917	CERAMIC	0.1U K 16V
	303 441 9919	CERAMIC	6800P K 50V		303 453 8610	CERAMIC	0.1U K 16V
C8002	403 455 5317	CERAMIC	6800P K 50V		303 409 3426	CERAMIC	0.1U K 16V
	303 454 0118	CERAMIC	6800P K 50V	C8331	303 453 8917	CERAMIC	0.1U K 16V
	303 441 9919	CERAMIC	6800P K 50V		303 453 8610	CERAMIC	0.1U K 16V
C8151	303 453 8917	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V	C8501	303 453 8917	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
C8301	303 276 1911	CERAMIC	22P J 50V		303 409 3426	CERAMIC	0.1U K 16V
C8302	303 276 1911	CERAMIC	22P J 50V	C8502	303 453 8917	CERAMIC	0.1U K 16V
C8303	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C8503	303 453 8917	CERAMIC	0.1U K 16V
C8304	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C8551	303 453 8917	CERAMIC	0.1U K 16V
C8306	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C8552	303 453 8917	CERAMIC	0.1U K 16V
C8309	303 453 8917	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 409 3426	CERAMIC	0.1U K 16V
	303 409 3426	CERAMIC	0.1U K 16V	C8553	303 453 8917	CERAMIC	0.1U K 16V
C8311	303 383 5215	CERAMIC	4.7U K 6.3V		303 453 8610	CERAMIC	0.1U K 16V
	303 393 2112	CERAMIC	4.7U K 6.3V		303 409 3426	CERAMIC	0.1U K 16V
C8312	303 453 8917	CERAMIC	0.1U K 16V	C8554	303 453 8917	CERAMIC	0.1U K 16V
	303 453 8610	CERAMIC	0.1U K 16V		303 453 8610	CERAMIC	0.1U K 16V
					303 409 3426	CERAMIC	0.1U K 16V

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Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
	303 441 9810	CERAMIC 0.01U K 50V		303 370 7611	CERAMIC 10U M 6.3V
C8804	303 391 5511	ELECT 10U M 16V	C8938	303 394 1312	ELECT 100U M 6.3V
C8806	303 454 0613	CERAMIC 0.01U K 50V		303 387 4917	ELECT 100U M 6.3V
	303 441 9810	CERAMIC 0.01U K 50V	C8939	303 358 3215	CERAMIC 10U K 6.3V
C8807	303 454 0613	CERAMIC 0.01U K 50V		303 368 7319	CERAMIC 10U K 6.3V
	303 441 9810	CERAMIC 0.01U K 50V		303 370 7611	CERAMIC 10U M 6.3V
C8808	303 391 5511	ELECT 10U M 16V	C8941	303 394 1312	ELECT 100U M 6.3V
C8811	303 453 8917	CERAMIC 0.1U K 16V		303 387 4917	ELECT 100U M 6.3V
	303 453 8610	CERAMIC 0.1U K 16V	C8942	303 358 3215	CERAMIC 10U K 6.3V
	303 409 3426	CERAMIC 0.1U K 16V		303 368 7319	CERAMIC 10U K 6.3V
C8812	303 453 8917	CERAMIC 0.1U K 16V		303 370 7611	CERAMIC 10U M 6.3V
	303 453 8610	CERAMIC 0.1U K 16V	C9301	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8813	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9302	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8814	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9303	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8816	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9304	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8818	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9601	303 453 8917	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
C8819	303 453 8917	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V	C9701	303 391 5511	ELECT 10U M 16V
	303 409 3426	CERAMIC 0.1U K 16V	C9702	303 453 8917	CERAMIC 0.1U K 16V
C8820	303 394 1312	ELECT 100U M 6.3V		303 453 8610	CERAMIC 0.1U K 16V
	303 387 4917	ELECT 100U M 6.3V		303 409 3426	CERAMIC 0.1U K 16V
C8821	303 453 8917	CERAMIC 0.1U K 16V	C9703	303 453 8917	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
C8822	303 453 8917	CERAMIC 0.1U K 16V	C9711	303 453 8917	CERAMIC 0.1U K 16V
	303 453 8610	CERAMIC 0.1U K 16V		303 453 8610	CERAMIC 0.1U K 16V
	303 409 3426	CERAMIC 0.1U K 16V		303 409 3426	CERAMIC 0.1U K 16V
C8823	303 453 8917	CERAMIC 0.1U K 16V	RESISTOR		
	303 453 8610	CERAMIC 0.1U K 16V	R5001	301 225 8110	MT-GLAZE 10 JA 1/16W
	303 409 3426	CERAMIC 0.1U K 16V	R5002	301 225 8110	MT-GLAZE 10 JA 1/16W
C8824	303 453 8917	CERAMIC 0.1U K 16V	R5003	301 235 1415	MT-GLAZE 1.2K JA 1/16W
	303 453 8610	CERAMIC 0.1U K 16V	R5004	301 275 1819	MT-GLAZE 1.1K JA 1/16W
	303 409 3426	CERAMIC 0.1U K 16V	R5006	301 235 1415	MT-GLAZE 1.2K JA 1/16W
C8826	303 453 8917	CERAMIC 0.1U K 16V	R5007	301 275 1819	MT-GLAZE 1.1K JA 1/16W
	303 453 8610	CERAMIC 0.1U K 16V	R5008	301 263 6928	MT-GLAZE 2K JA 1/16W
	303 409 3426	CERAMIC 0.1U K 16V	R5009	301 263 6928	MT-GLAZE 2K JA 1/16W
C8827	303 453 8917	CERAMIC 0.1U K 16V	R5011	301 240 5613	MT-GLAZE 3K JA 1/16W
	303 453 8610	CERAMIC 0.1U K 16V	R5012	301 240 5613	MT-GLAZE 3K JA 1/16W
	303 409 3426	CERAMIC 0.1U K 16V	R8001	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
C8828	303 453 8917	CERAMIC 0.1U K 16V	R8003	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
	303 453 8610	CERAMIC 0.1U K 16V	R8006	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
	303 409 3426	CERAMIC 0.1U K 16V	R8007	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
C8829	303 385 3219	TA-SOLID 10U K 10V	R8012	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
C8906	303 453 8917	CERAMIC 0.1U K 16V	R8013	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
	303 453 8610	CERAMIC 0.1U K 16V	R8019	301 341 0616	MT-GLAZE 49.9 FA 1/16W
	303 409 3426	CERAMIC 0.1U K 16V	R8021	301 341 0616	MT-GLAZE 49.9 FA 1/16W
C8907	303 394 9318	ELECT 220U M 6.3V	R8023	301 341 0616	MT-GLAZE 49.9 FA 1/16W
C8908	303 453 8917	CERAMIC 0.1U K 16V	R8024	301 341 0616	MT-GLAZE 49.9 FA 1/16W
	303 453 8610	CERAMIC 0.1U K 16V	R8026	301 326 1515	MT-GLAZE 10 FA 1/16W
	303 409 3426	CERAMIC 0.1U K 16V	R8028	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
C8932	303 230 3616	TA-SOLID 47U M 6.3V	R8031	301 150 6014	MT-GLAZE 0.000 ZA 1/10W
	303 384 4712	TA-SOLID 47U M 6.3V	R8032	301 150 6014	MT-GLAZE 0.000 ZA 1/10W
C8933	303 230 3616	TA-SOLID 47U M 6.3V	R8033	301 150 6014	MT-GLAZE 0.000 ZA 1/10W
	303 384 4712	TA-SOLID 47U M 6.3V	R8151	301 224 8814	MT-GLAZE 100 JA 1/16W
C8936	303 394 1312	ELECT 100U M 6.3V	R8152	301 224 8814	MT-GLAZE 100 JA 1/16W
	303 387 4917	ELECT 100U M 6.3V	R8153	301 226 1516	MT-GLAZE 0.000 ZA 1/16W
C8937	303 358 3215	CERAMIC 10U K 6.3V	R8154	301 225 1210	MT-GLAZE 4.7K JA 1/16W
	303 368 7319	CERAMIC 10U K 6.3V			

Electrical Parts List

Key No. Part No. Description					Key No. Part No. Description				
R8156	301 225 1210	MT-GLAZE	4.7K JA 1/16W		R8613	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8157	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8614	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8158	301 150 6014	MT-GLAZE	0.000 ZA 1/10W		R8616	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8303	301 224 9019	MT-GLAZE	10K JA 1/16W		R8617	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8304	301 224 9019	MT-GLAZE	10K JA 1/16W		R8618	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8306	301 224 9019	MT-GLAZE	10K JA 1/16W		R8619	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8308	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8621	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8309	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8622	301 224 9514	MT-GLAZE	2.2K JA 1/16W	
R8322	301 224 9019	MT-GLAZE	10K JA 1/16W		R8623	301 225 8011	MT-GLAZE	330 JA 1/16W	
R8331	301 224 9019	MT-GLAZE	10K JA 1/16W		R8624	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8338	301 224 9019	MT-GLAZE	10K JA 1/16W		R8626	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8353	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8627	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8354	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8628	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8357	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8629	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8358	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8631	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8359	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8632	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8361	301 224 9019	MT-GLAZE	10K JA 1/16W		R8633	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8362	301 224 9019	MT-GLAZE	10K JA 1/16W		R8634	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8363	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8637	301 225 0312	MT-GLAZE	33 JA 1/16W	
R8364	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8639	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8366	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8640	301 225 8011	MT-GLAZE	330 JA 1/16W	
R8367	301 225 3818	MT-GLAZE	1.5K JA 1/16W		R8642	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8368	301 225 3818	MT-GLAZE	1.5K JA 1/16W		R8643	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8381	301 224 9019	MT-GLAZE	10K JA 1/16W		R8644	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8403	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8645	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8417	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8646	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8418	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8647	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8452	301 224 9712	MT-GLAZE	22 JA 1/16W		R8650	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8453	301 224 9019	MT-GLAZE	10K JA 1/16W		R8652	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8456	301 224 9019	MT-GLAZE	10K JA 1/16W		R8653	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8457	301 224 9019	MT-GLAZE	10K JA 1/16W		R8654	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8458	301 224 9019	MT-GLAZE	10K JA 1/16W		R8655	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8459	301 224 9019	MT-GLAZE	10K JA 1/16W		R8656	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8465	301 224 9712	MT-GLAZE	22 JA 1/16W		R8658	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8466	301 224 9712	MT-GLAZE	22 JA 1/16W		R8659	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8467	301 224 9712	MT-GLAZE	22 JA 1/16W		R8660	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8468	301 224 9019	MT-GLAZE	10K JA 1/16W		R8661	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8469	301 224 9019	MT-GLAZE	10K JA 1/16W		R8662	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8472	301 224 9019	MT-GLAZE	10K JA 1/16W		R8664	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8474	301 224 9019	MT-GLAZE	10K JA 1/16W		R8665	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8476	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8666	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8477	301 224 8913	MT-GLAZE	100K JA 1/16W		R8667	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8478	301 224 9019	MT-GLAZE	10K JA 1/16W		R8668	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8479	301 224 9019	MT-GLAZE	10K JA 1/16W		R8670	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8481	301 224 9019	MT-GLAZE	10K JA 1/16W		R8671	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8484	301 224 9019	MT-GLAZE	10K JA 1/16W		R8673	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8492	301 224 9019	MT-GLAZE	10K JA 1/16W		R8675	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8496	301 224 9019	MT-GLAZE	10K JA 1/16W		R8680	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8503	301 224 9019	MT-GLAZE	10K JA 1/16W		R8685	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8504	301 224 9019	MT-GLAZE	10K JA 1/16W		R8686	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8506	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8687	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8507	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8688	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8508	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8689	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8564	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8690	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8567	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8691	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8569	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8692	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8574	301 224 9712	MT-GLAZE	22 JA 1/16W		R8693	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8601	301 225 8110	MT-GLAZE	10 JA 1/16W		R8694	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8602	301 224 9316	MT-GLAZE	1K JA 1/16W		R8695	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8603	301 225 8110	MT-GLAZE	10 JA 1/16W		R8696	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8604	301 225 8110	MT-GLAZE	10 JA 1/16W		R8697	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8606	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8698	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8607	301 225 8110	MT-GLAZE	10 JA 1/16W		R8699	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8608	301 224 9316	MT-GLAZE	1K JA 1/16W		R8701	301 226 1516	MT-GLAZE	0.000 ZA 1/16W	
R8609	301 224 9316	MT-GLAZE	1K JA 1/16W		R8702	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8611	301 226 1516	MT-GLAZE	0.000 ZA 1/16W		R8703	301 224 9019	MT-GLAZE	10K JA 1/16W	
R8612	301 224 9019	MT-GLAZE	10K JA 1/16W		R8704	301 224 9019	MT-GLAZE	10K JA 1/16W	

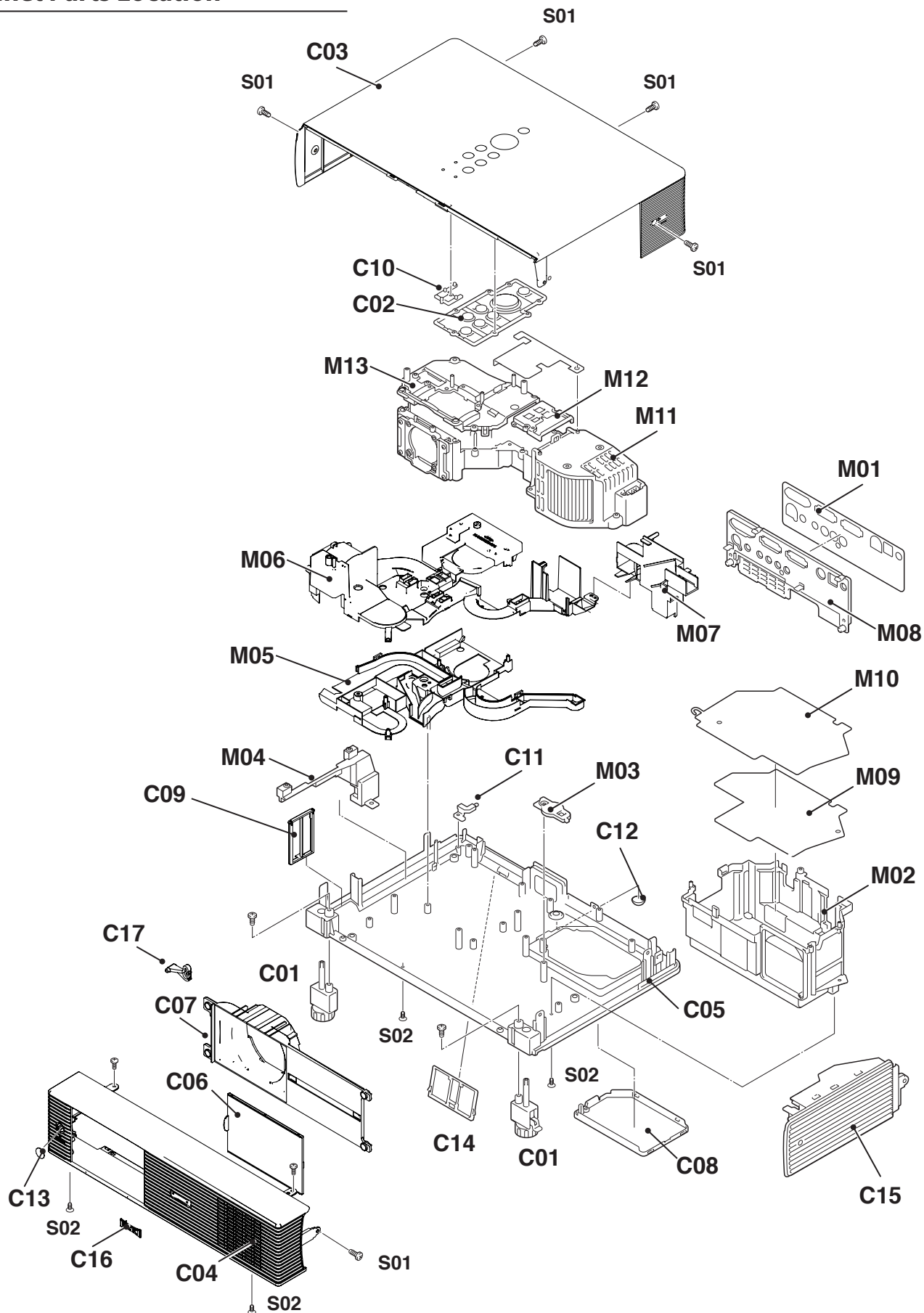
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Electrical Parts List

Key No.	Part No.	Description	Key No.	Part No.	Description
D8901	307 163 0414	DIODE 1SS352-(TPH3)	COIL		
	307 149 0810	DIODE 1SS355-TE-17	L9501	945 041 1978	INDUCTOR,330 OHM
	408 062 7201	DIODE 1SS35	MISCELLANEOUS		
D8902	307 163 0414	DIODE 1SS352-(TPH3)	K9502	645 078 6181	PLUG,ANT 1P
	307 149 0810	DIODE 1SS355-TE-17	655 002 3568 ASSY,PWB,ANTENNA KF3AC		
	408 062 7201	DIODE 1SS35	CAPACITOR		
D8903	307 163 0414	DIODE 1SS352-(TPH3)	C9901	403 466 7416	CERAMIC 0.9P B 50V
	307 149 0810	DIODE 1SS355-TE-17	C9902	645 073 5554	INDUCTOR,0.0091U J
	408 062 7201	DIODE 1SS35	MISCELLANEOUS		
D8904	307 163 0414	DIODE 1SS352-(TPH3)	IC9901	645 093 2847	ANNTEANA,WIRELESS
	307 149 0810	DIODE 1SS355-TE-17	K9901	645 078 6181	PLUG,ANT 1P
	408 062 7201	DIODE 1SS35	PACKING MATERIALS		
D8906	307 163 0414	DIODE 1SS352-(TPH3)	610 338 8915	CARTON CASE-KF3BC	
	307 149 0810	DIODE 1SS355-TE-17	610 340 0273	POLY BAG-PT5EC	
	408 062 7201	DIODE 1SS35	610 336 8221	CUSHION SPACER -KB3AC	
D8907	307 163 0414	DIODE 1SS352-(TPH3)	610 339 5463	CUSHION -KB3AC	
	307 149 0810	DIODE 1SS355-TE-17	ACCESSORIES		
	408 062 7201	DIODE 1SS35	OWNER'S MANUAL		
D8911	307 163 0414	DIODE 1SS352-(TPH3)	610 338 4344	CD-ROM,OWNERS MANUAL-KF3BC	
	307 149 0810	DIODE 1SS355-TE-17	610 340 0778	CD-ROM(NETWORK V&C5)	
	408 062 7201	DIODE 1SS35	655 002 3506	SETUP INST KF3BC	
D9701	307 149 0810	DIODE 1SS355-TE-17	REMOTE CONTROL		
	408 062 7201	DIODE 1SS35	645 093 6944	ASSY,REMOCON CXYB	
D9711	307 228 1011	LED SML-310MT-M-T86	910 319 1820	RC-BATTERY LID-CXSP	
D9721	307 228 1011	LED SML-310MT-M-T86	AC CORD		
MISCELLANEOUS			US	945 064 6363	CORD,POWER-3.0MK,US
K8151	945 071 8527	SOCKET,CARD(SD) 13P	EU	945 054 1156	CORD,POWER-3.0MK
K9602	645 093 6760	TRANS,PULSE	HK	945 054 1149	CORD,POWER-3.138MK
SC8151	945 076 3503	SURGE-ABSORBER	MISCELLANEOUS		
X8301	945 037 4600	OSC,CRYSTAL 32.768KHZ	610 336 8405	CARRY BAG-KB3AC	
X8702	945 078 5697	OSC,CRYSTAL 25MHZ	945 039 7210	CABLE,MOUSE SRAL	
X8801	945 083 7556	OSC,CRYSTAL 25.0MHZ	945 069 2155	CABLE,FXAF	
655 002 3575 ASSY,PWB,MODULE KF3AC			945 073 4855	CABLE,INTERFACE VGA	
TRANSISTOR			645 093 1642	CABLE,INTERFACE VGA	
Q9501	305 134 5928	TR 2SA1037AK-T146-R	655 002 1205	POLYE BAG-KB3AC	
	305 147 2218	TR 2SA1037AK-S-T146			
	305 173 9618	TR 2SA1235A1E			
	305 173 9717	TR 2SA1235A1F			
	405 220 3115	TR ISA1235AC1E			
	405 220 3016	TR ISA1235AC1F			
INTEGRATED CIRCUIT					
IC9501	410 641 8400	IC RF-LEG2000SB01			
CAPACITOR					
C9501	303 230 3616	TA-SOLID 47U M 6.3V			
	303 384 4712	TA-SOLID 47U M 6.3V			
C9502	303 453 8917	CERAMIC 0.1U K 16V			
	303 453 8610	CERAMIC 0.1U K 16V			
	303 409 3426	CERAMIC 0.1U K 16V			
C9503	303 453 8917	CERAMIC 0.1U K 16V			
	303 453 8610	CERAMIC 0.1U K 16V			
	303 409 3426	CERAMIC 0.1U K 16V			
C9504	303 453 8917	CERAMIC 0.1U K 16V			
	303 453 8610	CERAMIC 0.1U K 16V			
	303 409 3426	CERAMIC 0.1U K 16V			
RESISTOR					
R9501	301 226 1516	MT-GLAZE 0.000 ZA 1/16W			
R9502	301 225 1418	MT-GLAZE 47K JA 1/16W			
R9506	301 224 8913	MT-GLAZE 100K JA 1/16W			

Mechanical Parts List

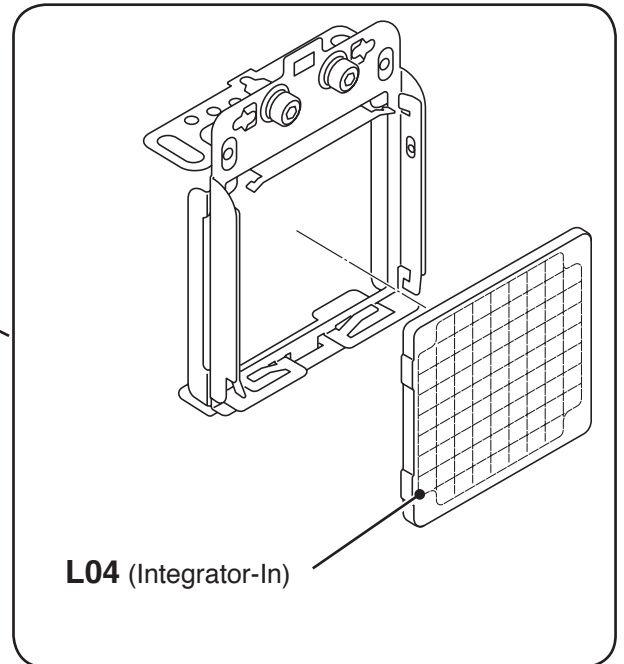
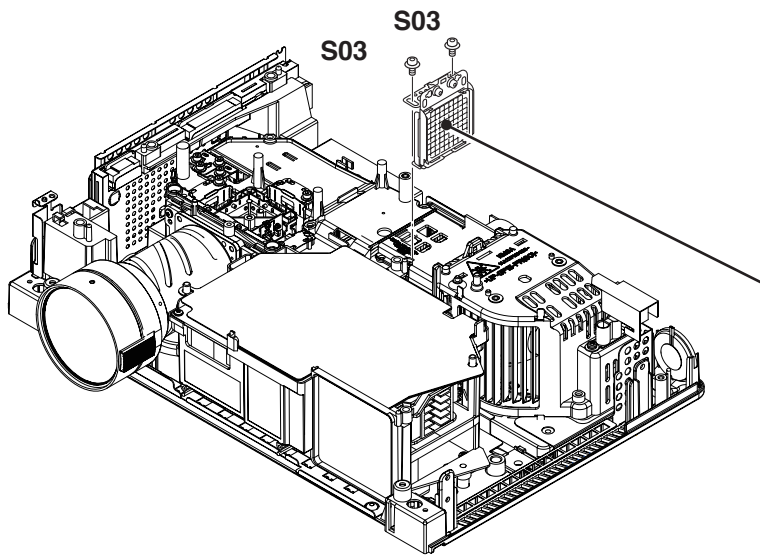
Cabinet Parts Location



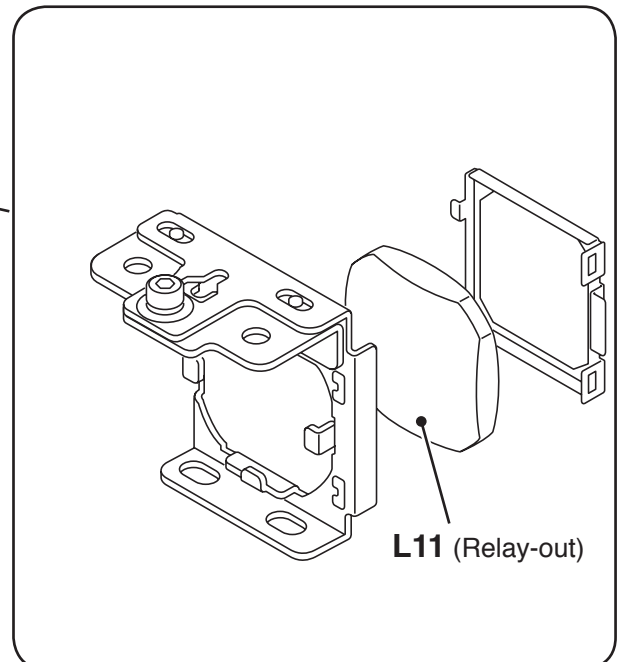
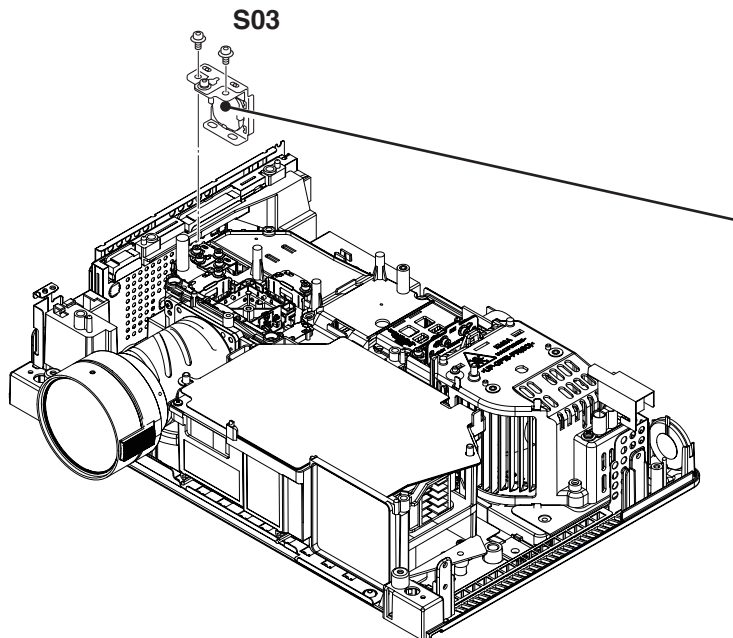
Mechanical Parts List

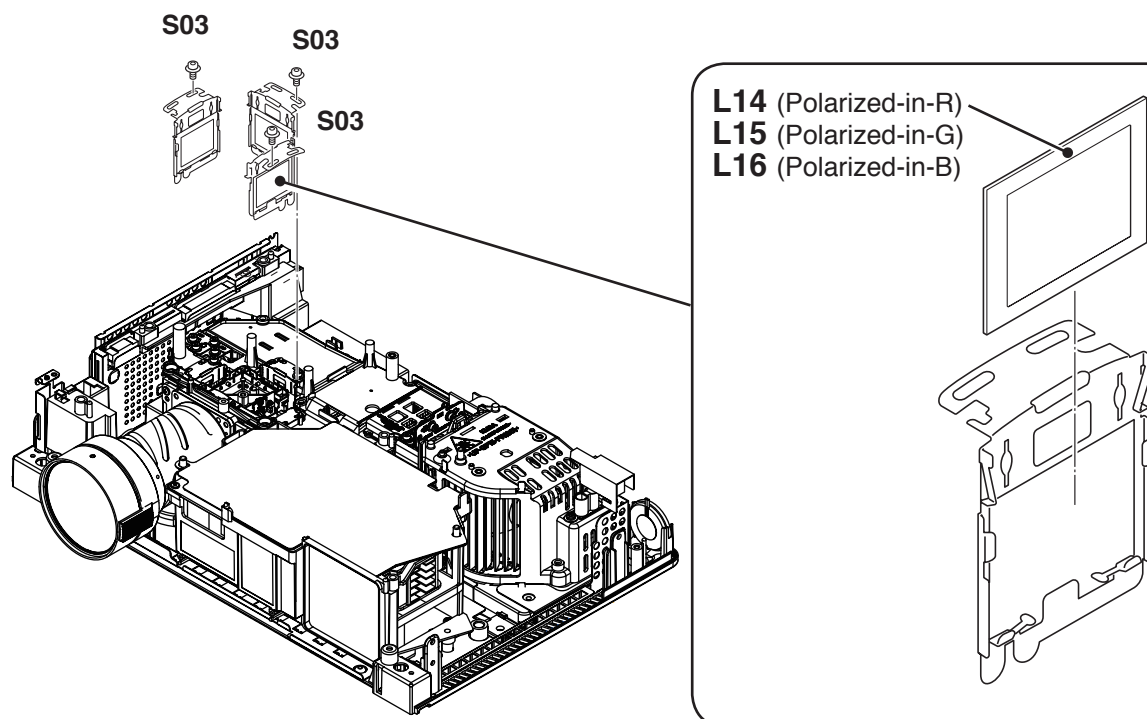
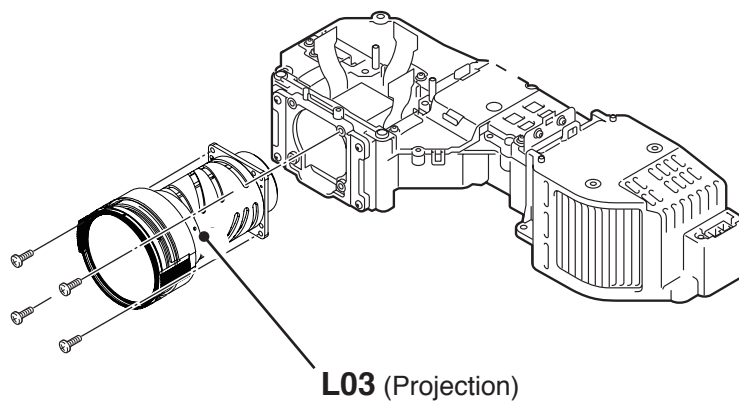
Optical Parts Location

Integrator Lens-In



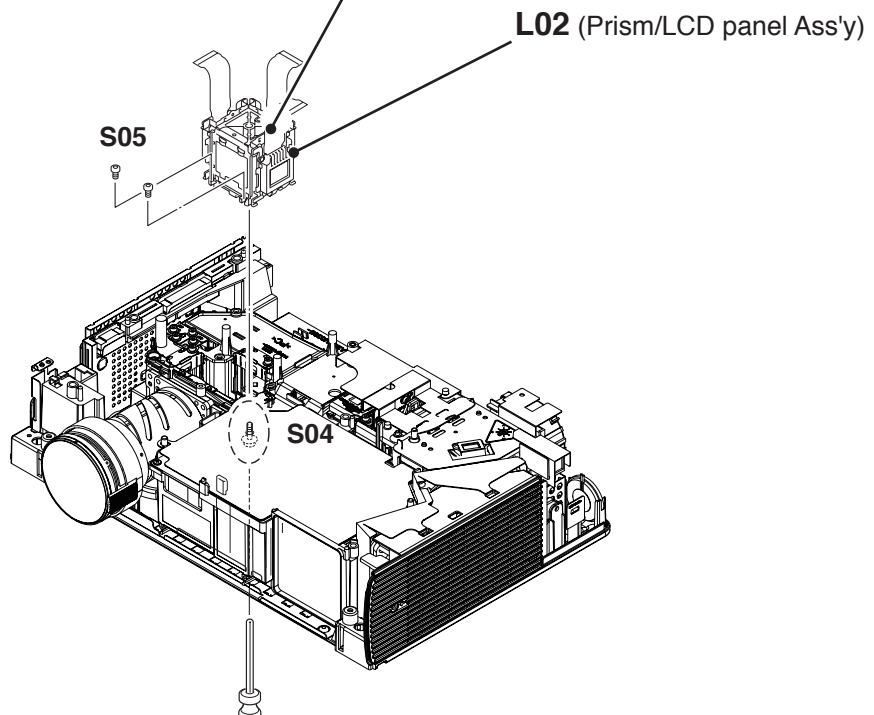
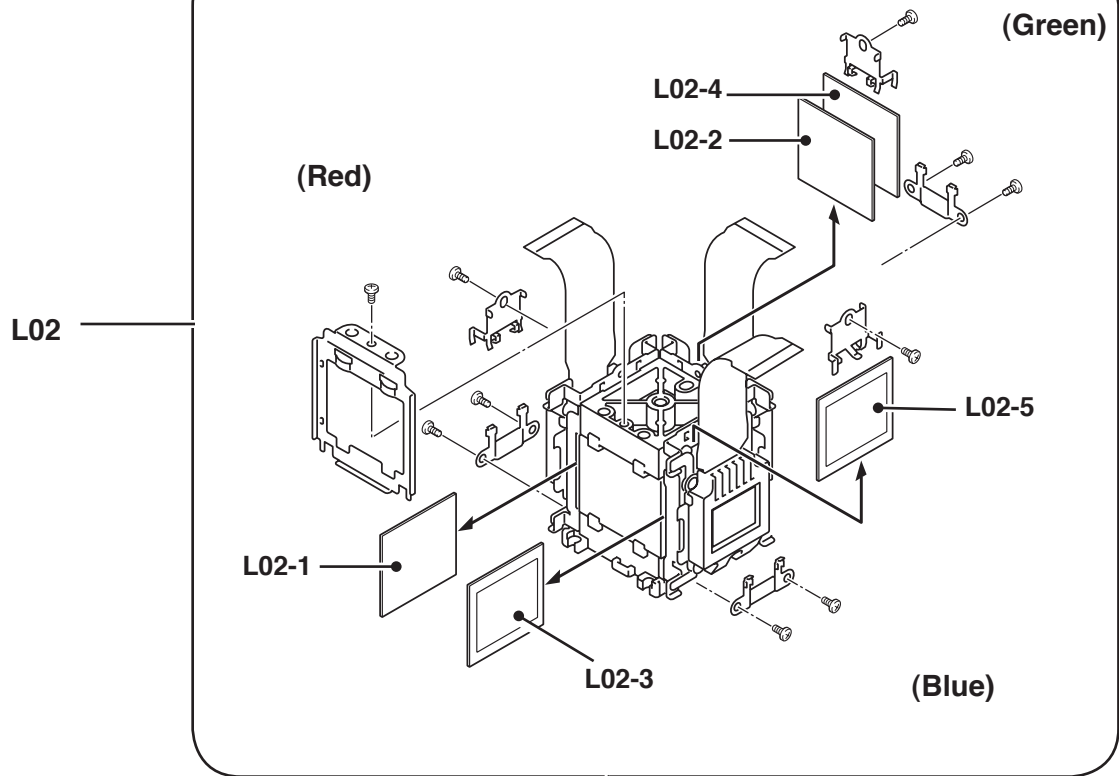
Relay Lens-Out



Mechanical Parts List**Polarized Glass-In****Projection Lens**

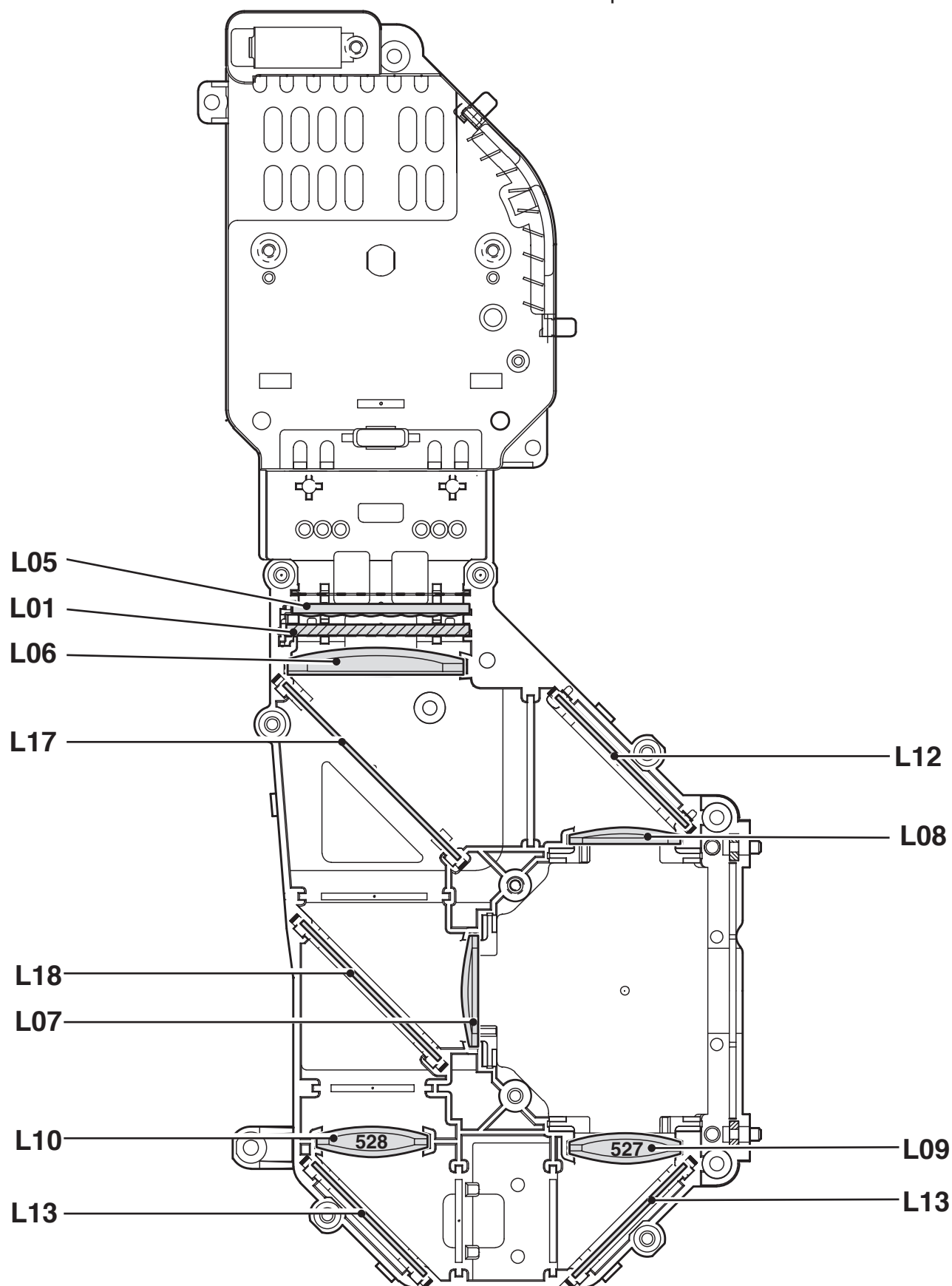
Mechanical Parts List

Prism/LCD Panel Assy



Mechanical Parts List

In the Optical Unit



Mechanical Parts List

Mechanical Parts List

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

Key No.	Part No.	Description	Key No.	Part No.	Description
CABINET PARTS			L16	645 089 3490	POLARIZED GLASS (IN/B)
C01	610 332 1301	ASSY,STAND LEG-KM6B	L17	945 088 7902	DICHROIC MIRROR (B)
C02	610 333 9214	BUTTON-KM6BC	L18	945 088 7919	DICHROIC MIRROR (G)
C03	610 338 8885	CABINET TOP-KF3BC			
C04	610 336 2281	CABINET FRONT-KB3BC			
C05	610 338 8892	CABINET BTM-KF3BC			
C06	610 336 2304	CAP LENS-KB3BC			
C07	610 336 2441	CAP LENS BASE-KB3BC			
C08	610 333 8750	COVER ,LP SERVICE-KM6BC			
C09	610 338 3682	FILTER BASE-KF3AC			
C10	610 333 9207	DEC INLAY LED-KL6AC			
C11	610 333 8767	DEC INLAY LED #MCI-KM6AC			
C12	910 325 2477	DEC LEG-PT5EC			
C13	910 302 5613	DEC SHEET-M4JA			
C14	610 333 9290	FILTER BASE-KM6AC			
C15	610 333 8699	GRILLE-KM6BC			
C16	610 336 2243	BADGE EIKI-KB3BC			
C17	610 336 2465	DEC INLAY LED FR-KB3AC			
CHASSIS PARTS					
M01	610 338 8908	DEC AV SHEET-KF3BC			
M02	610 334 4348	HOLDER POWER PWB BTM-KM6AC			
M03	610 334 5895	HOLDER T SW-KM6AC			
M04	610 333 8835	MOUNTING MCI-KM6AC			
M05	610 338 3613	MOUNTING DUCT BTM-KF3AC			
M06	610 338 3675	MOUNTING DUCT TOP-KF3AC			
M07	610 334 4386	MOUNTING DUCT LP-KM6AC			
M08	610 333 9467	PANEL AV -KM6BC			
M09	610 334 0067	SPACER SHEET#POWER T-KM6AC			
M10	610 334 7097	SPACER SHEET#POW T TOP-KM6AC			
M11	610 331 1692	OPTICAL BASE BTM-KM6A			
M12	610 331 1715	OPTICAL BASE TOP A-KM6A			
M13	610 331 1722	OPTICAL BASE TOP B-KM6A			
SCREWS					
S01	411 190 5001	SCR S-TPG BIN 3X10			
S02	411 200 2808	SCR TPG FLT 3X8			
S03	411 189 6507	BOLT HEX-SCT+SW+W 2.5X5			
S04	312 070 3400	SPECIAL SCREW-3.0X10V			
S05	312 069 7105	SPECIAL SCREW V			
OPTICAL PARTS					
L01	645 092 9892	PRISM(PBS)			
L02	645 340 2284	ASSY,LCD PNL/PRISM_ KF3AC			
		(Including Key No.L02-1 to L02-5 and LCD Panels)			
L02-1	645 095 4221	POLARIZED GLASS(OUT/R)			
L02-2	645 089 3513	POLARIZED GLASS(OUT/G)			
L02-3	645 089 3520	POLARIZED GLASS(OUT/B)			
L02-4	645 089 4091	PREPOLARIZED GLASS(OUT/G)			
L02-5	645 089 4107	PREPOLARIZED GLASS(OUT/B)			
L03	645 093 1451	LENS,PROJECTION			
L04	945 088 7797	LENS,INTEGRATOR(IN)			
L05	945 088 7803	LENS,INTEGRATOR(OUT)			
L06	945 088 7827	LENS,CONDENSER(OUT)			
L07	945 088 7834	LENS,CONDENSER(G)			
L08	945 088 7841	LENS,CONDENSER(B)			
L09	945 088 7858	LENS,CONDENSER(R)			
L10	945 088 7865	LENS,RELAY(IN)			
L11	945 088 7872	LENS,RELAY(OUT)			
L12	945 088 7889	MIRROR(B)			
L13	945 088 7896	MIRROR(R)			
L14	645 089 3476	POLARIZED GLASS(IN/R)			
L15	645 089 3483	POLARIZED GLASS(IN/G)			

EIKI

A-key to better communications