

SANYO

FILE NO.

SERVICE MANUAL

Multi-media Projector

MODEL NO.

PLC-XP18N

(U.S.A. ,Canada)

PLC-XP18E

(Europe, Asia, Africa, M.E.)

PLC-XP18B

(U.K.)

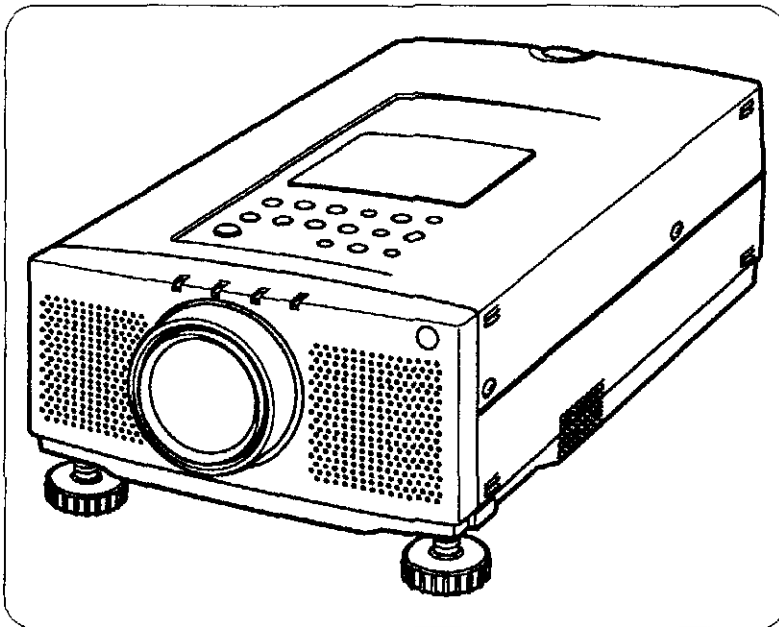
ORIGINAL VERSION

Chassis No. **MH6-XP18N00**
 PLC-XP18E00
 PLC-XP18B00

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Original Version Service Manual Chassis No. does not match the unit's, additional Service Literature is required. You must refer to "Notices" to the Original Service Manual prior to servicing the unit.

Give complete "Chassis NO." for parts order or servicing, It is shown on the rating sheet on the cabinet of the Projector.



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Product Code : 1 122 077 40 : PLC-XP18N MH6AA
 : 1 122 078 40 : PLC-XP18E PH6AA
 : 1 122 078 42 : PLC-XP18B PH6CA

REFERENCE NO. SM5110206

Specifications

PLC-XP18N

TECHNICAL SPECIFICATIONS

Projector Type	Multi-media Projector
Dimensions (W x H x D)	10.7" (272 mm) x 5.7" (145.5 mm) x 18.2" (412.5 mm)
Net Weight	15.2 lbs (6.9 kg)
LCD Panel System	1.3" TFT Active Matrix type x 3 panels
Number of Pixels	2,359,296 (768,432 (1,024 x 768) x 3)
Colour System	6 colour system (PAL, SECAM, NTSC, NTSC4.43, PAL-M and PAL-N)
Scanning Frequency	H-sync: 15 ~ 100 KHz, V-sync: 50 ~ 100 Hz
Projection Image Size (Diagonal)	Adjustable from 31" to 400"
Projection Lens	F1.8 ~ 2.1 lens with f=48.4 mm ~ 62.8 mm Motor zoom and focus
Horizontal Resolution	800 TV lines
Throw Distance	4.8' (1.4 m) ~ 47.3' (14.4 m)
Projection Lamp	200 watt type
AV Input Jacks	RCA Type 3 x 2 sets (Video, Audio R and L), (Y, Cr/Pb, Co/Pr) and DIN 4 pin (S-Video) x 1
Computer Input Jacks	(VGA) HDB 15 Terminal x 2, DIN 8 pin (Control port) x 2
Computer Output Jack	(VGA) HDB 15 Terminal
Computer Audio Input Jacks	Mini Stereo Type x 2
Other Jack	EXT. Speaker Jack (Stereo) x 1
Built-in Speaker	INT. SP. Stereo (R and L), 2 watt RMS (T.H.D.10%)
Image Elevation Adjustment	Up to 6°
Voltage	100 ~ 120 VAC, 50/60 Hz
Power Consumption	3.8 A (Max. Ampere)
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Remote Control Transmitters	Wireless Remote Control with Laser Beam (Class II Laser) Max. Output 1mW/Wave Length 650 ± 20nm, batteries (2) AA type.



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.

PLC-XP18E

TECHNICAL SPECIFICATIONS

Projector Type	Multi-media Projector
Dimensions (W x H x D)	272 mm x 145.5 mm x 412.5 mm
Net Weight	6.9 kg
LCD Panel System	1.3" TFT Active Matrix type x 3 panels
Number of Pixels	2,359,296 (768,432 (1,024 x 768) x 3)
Colour System	6 colour system (PAL, SECAM, NTSC, NTSC4.43, PAL-M and PAL-N)
Scanning Frequency	H-sync: 15 ~ 100 KHz, V-sync: 50 ~ 100 Hz
Projection Image Size (Diagonal)	Adjustable from 31" to 400"
Horizontal Resolution	800 TV lines
Projection Lens	F1.8 ~ 2.1 lens with f=48.4 mm ~ 62.8 mm Motor zoom and focus
Throw Distance	1.4 m ~ 14.4 m
Projection Lamp	200 watt type
AV Input Jacks	PHONO Type 3 x 2 sets (Video, Audio R and L), (Y, Cr/Pb, Co/Pr) and DIN 4 pin (S-Video) x 1
Computer Input Jacks	(VGA) HDB 15 Terminal x 2, DIN 8 pin (Control port) x 2
Computer Output Jack	(VGA) HDB 15 Terminal
Computer Audio Input Jacks	Mini Stereo Type x 2
Other Jack	EXT. Speaker Jack (Stereo) x 1
Built-in Speaker	INT. SP. Stereo (R and L), 2 watt RMS (T.H.D.10%)
Image Elevation Adjustment	Up to 6°
Voltage	200 ~ 240 V AC, 50/60 Hz (Model PLC-XP21E/XP18E) 110 ~ 120 V AC, 50/60 Hz (Model PLC-XP21/XP18)
Power Consumption	1.8 A (Max. Ampere) Model PLC-XP21E/XP18E 3.8 A (Max. Ampere) Model PLC-XP21/XP18
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Remote Control Transmitters	Wireless Remote Control with Laser Beam (Class II Laser) Max. Output 1mW/Wave Length 650 ± 20nm, batteries (2) AA, UM3 or R06 type.

PLC-XP18B

TECHNICAL SPECIFICATIONS

Projector Type	Multi-media Projector
Dimensions (W x H x D)	272 mm x 145.5 mm x 412.5 mm
Net Weight	6.9 kg
LCD Panel System	1.3" TFT Active Matrix type x 3 panels
Number of Pixels	2,359,296 (768,432 (1,024 x 768) x 3)
Colour System	6 colour system (PAL, SECAM, NTSC, NTSC4.43, PAL-M and PAL-N)
Scanning Frequency	H-sync: 15 ~ 100 KHz, V-sync: 50 ~ 100 Hz
Projection Image Size (Diagonal)	Adjustable from 31" to 400"
Horizontal Resolution	800 TV lines
Projection Lens	F1.8 ~ 2.1 lens with f=48.4 mm ~ 62.8 mm Motor zoom and focus
Throw Distance	1.4 m ~ 14.4 m
Projection Lamp	200 watt type
AV Input Jacks	PHONO Type 3 x 2 sets (Video, Audio R and L), (Y, Cr/Pb, Co/Pr) and DIN 4 pin (S-Video) x 1
Computer Input Jacks	(VGA) HDB 15 Terminal x 2, DIN 8 pin (Control port) x 2
Computer Output Jack	(VGA) HDB 15 Terminal
Computer Audio Input Jacks	Mini Stereo Type x 2
Other Jack	EXT. Speaker Jack (Stereo) x 1
Built-in Speaker	INT. SP. Stereo (R and L), 2 watt RMS (T.H.D.10%)
Image Elevation Adjustment	Up to 6°
Voltage	200 ~ 240 V AC, 50/60 Hz
Power Consumption	1.8 A (Max. Ampere)
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Remote Control Transmitters	Wireless Remote Control with Laser Beam (Class II Laser) Max. Output 1mW/Wave Length 650 ± 20nm, batteries (2) AA, UM3 or R06 type.

Mechanical disassembly should be made following procedures in numerical order. Following steps show the basic procedures, therefore unnecessary step may be ignored.

Caution:

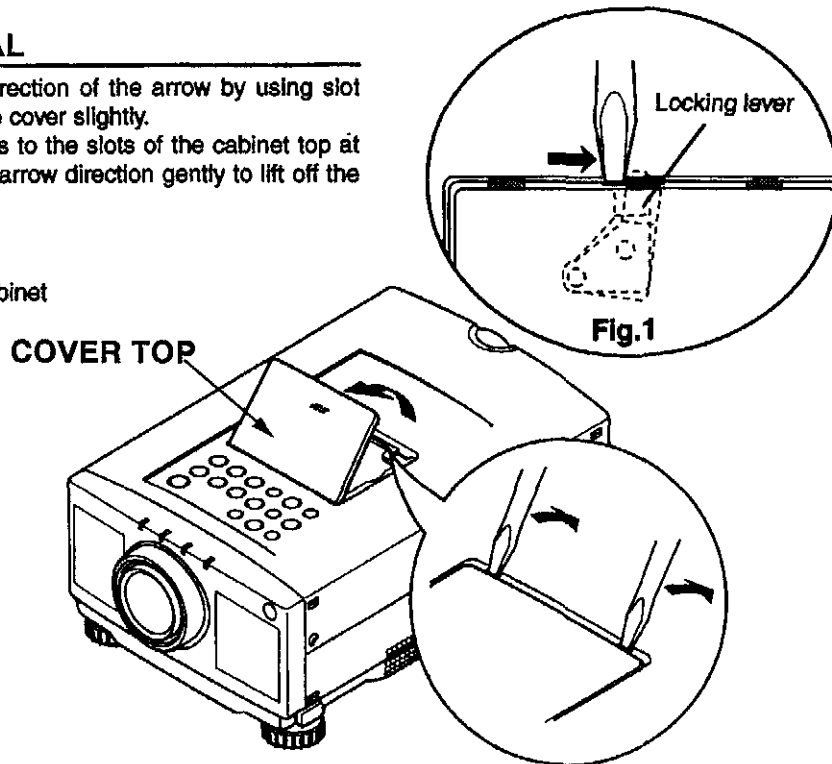
The parts and screws should be placed exactly the same position as the original otherwise it may cause loss of performance and product safety.

1. COVER TOP REMOVAL

- 1) Slide the locking lever in the direction of the arrow by using slot screwdriver (Fig.1) and lift up the cover slightly.
- 2) Insert two 1mm slot screwdrivers to the slots of the cabinet top at the same time. Turn them in the arrow direction gently to lift off the cover top upward.

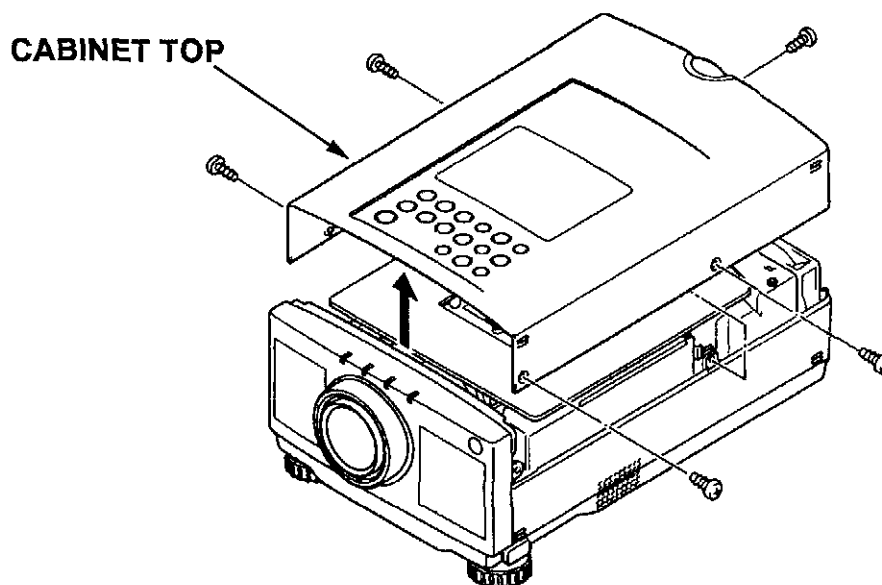
Note:

Be careful not to damage the cabinet finish when removing it.



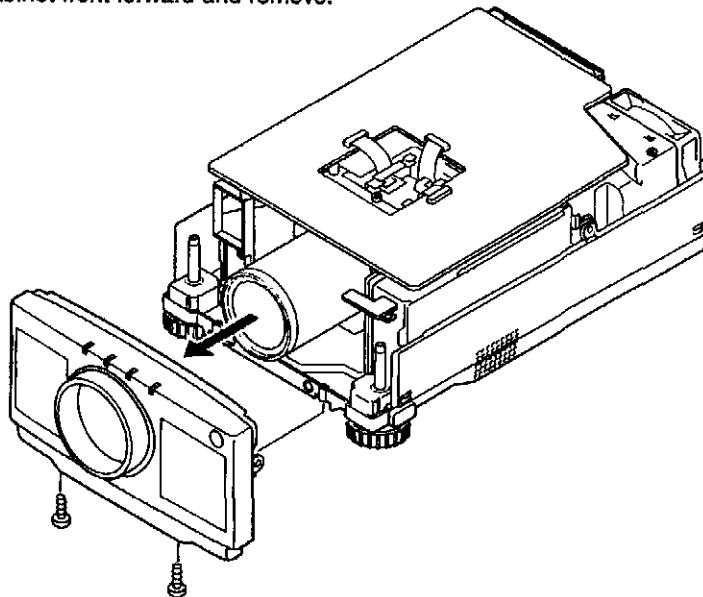
2. CABINET TOP REMOVAL

- 1) Remove 4 screws on side cabinet and 1 screw on rear.
- 2) Grasp the two sides, pull the cabinet top upward and remove.



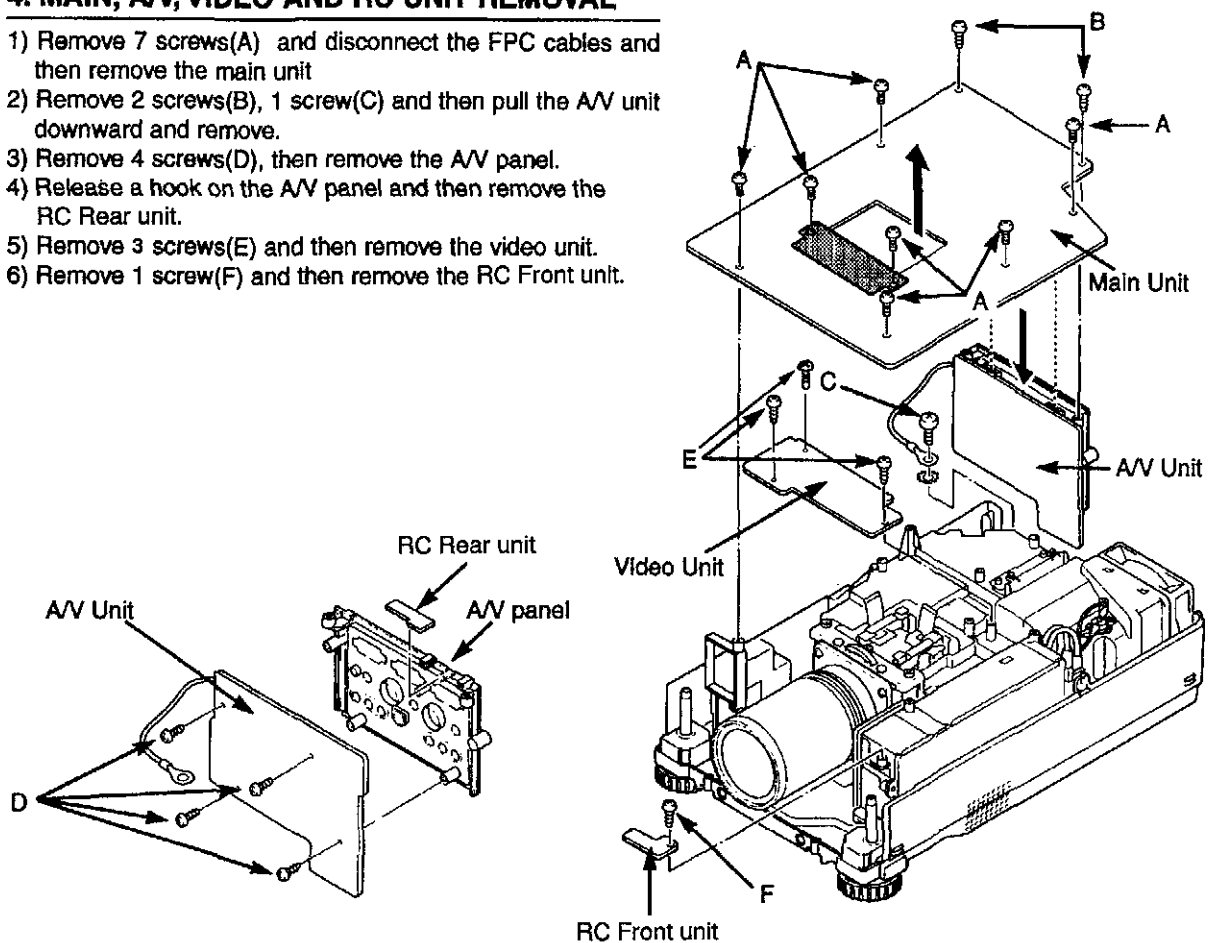
3. CABINET FRONT REMOVAL

- 1) Remove 2 screws on cabinet front bottom.
- 2) Grasp the two sides, pull the cabinet front forward and remove.



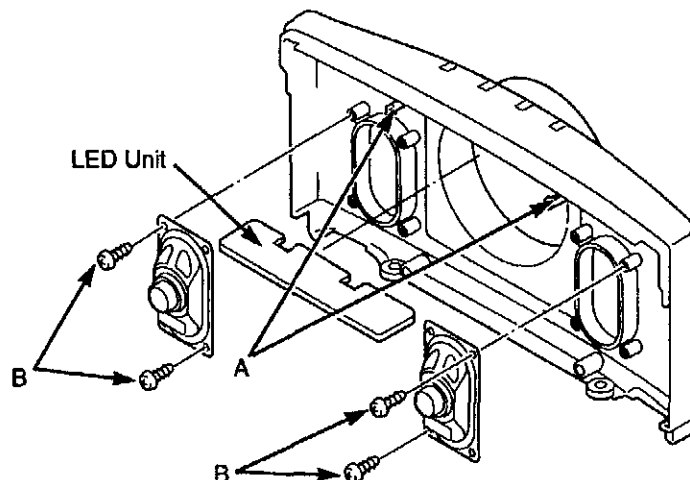
4. MAIN, A/V, VIDEO AND RC UNIT REMOVAL

- 1) Remove 7 screws(A) and disconnect the FPC cables and then remove the main unit
- 2) Remove 2 screws(B), 1 screw(C) and then pull the A/V unit downward and remove.
- 3) Remove 4 screws(D), then remove the A/V panel.
- 4) Release a hook on the A/V panel and then remove the RC Rear unit.
- 5) Remove 3 screws(E) and then remove the video unit.
- 6) Remove 1 screw(F) and then remove the RC Front unit.



5. LED UNIT AND SPEAKER REMOVAL

- 1) Release two hooks(A) and pull out the LED unit.
- 2) Remove 4 screws(B) and then remove the speakers.

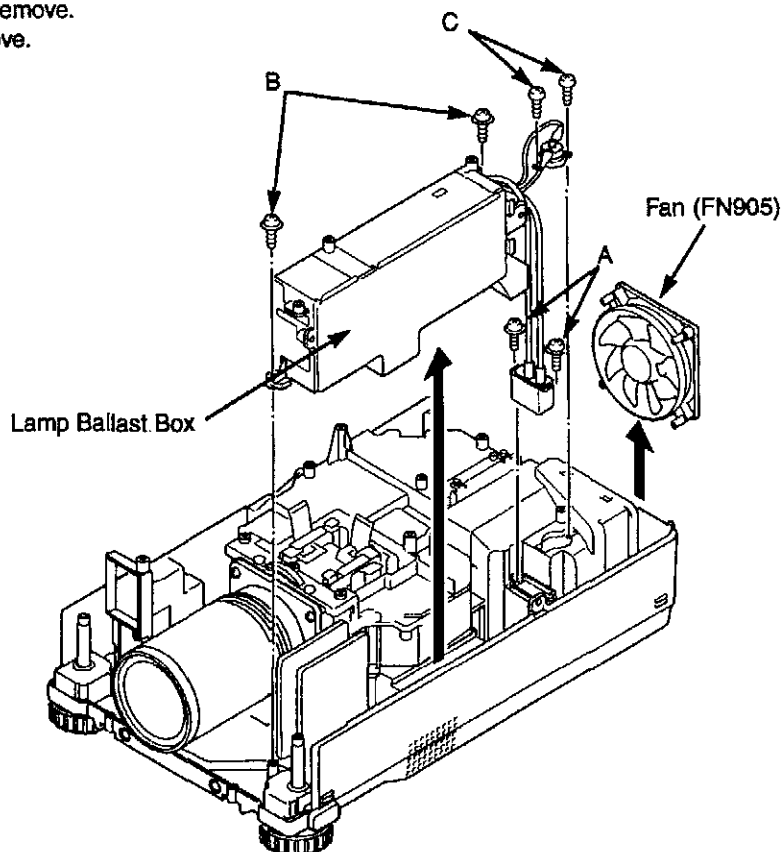
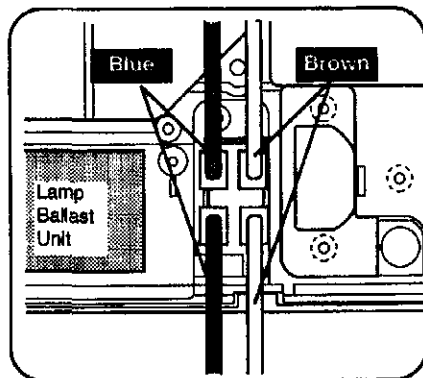


6. LAMP BALLAST BOX AND FAN (FN905) REMOVAL

- 1) Remove 2 screws(A), 2 screws(B) and 2 screws(C), and then pull the lamp ballast box upward and remove.
- 2) pull the fan (FN905) upward and remove.

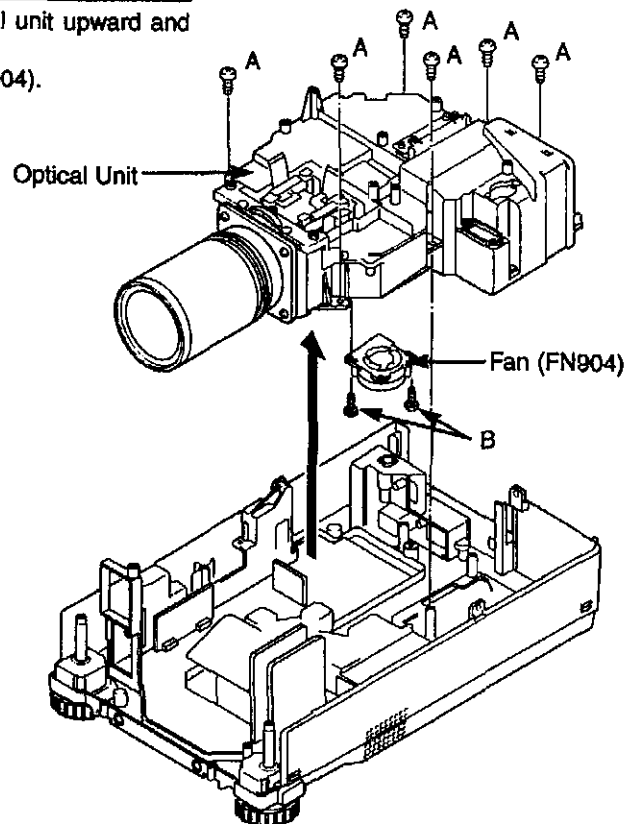
Note:

Be careful to connect the lamp socket.
Please see following illustrations.



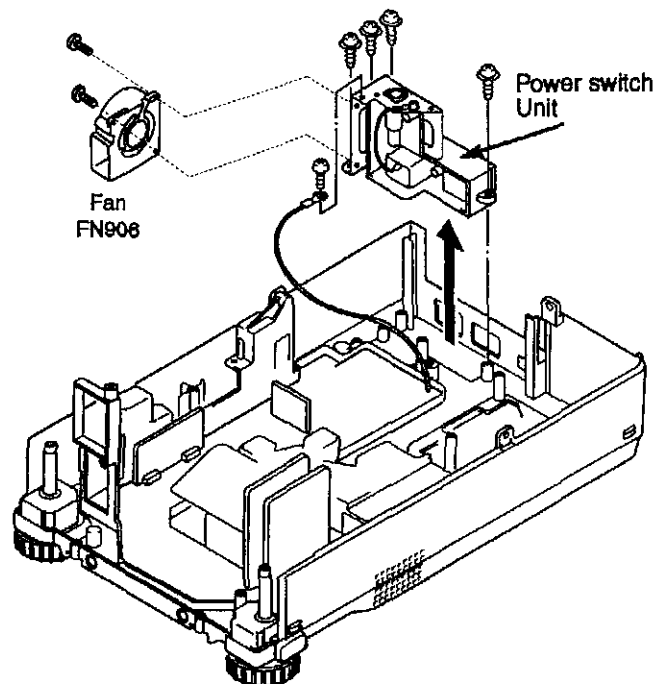
7. OPTICAL UNIT AND FAN (FN904) REMOVAL

- 1) Remove 6 screws(A) and then pull the optical unit upward and remove.
- 2) Remove 2 screws(B) and remove the fan (FN904).



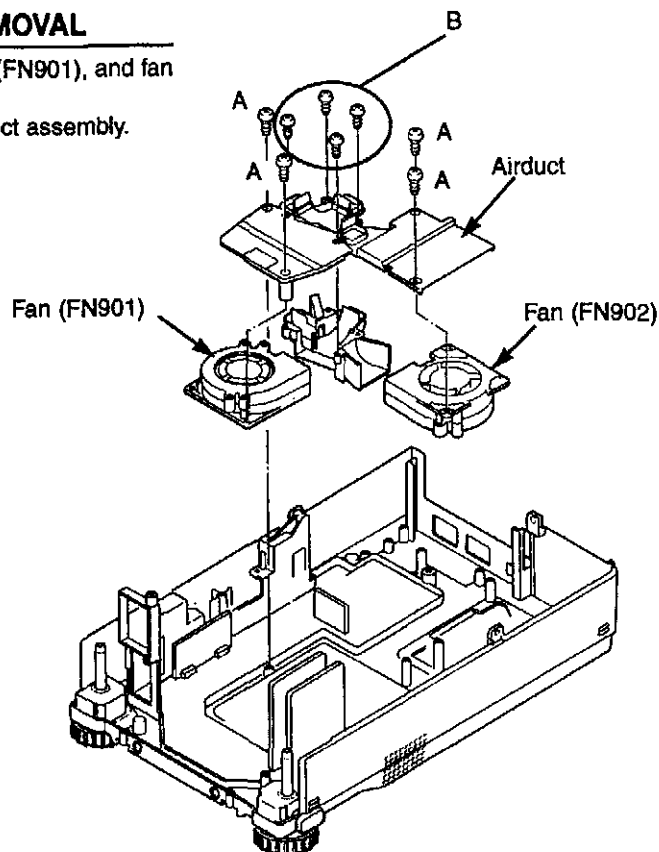
8. POWER SWITCH UNIT AND FAN REMOVAL

- 1) Remove 5 screws and then pull the power switch unit upward.
- 2) Remove 2 screws and remove the fan(FN906).



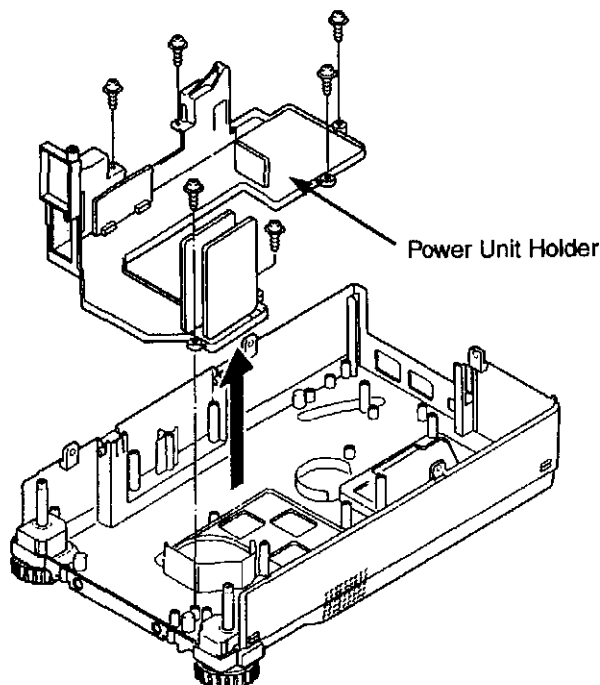
9. FAN (FN901, FN902) , AIRDUCT REMOVAL

- 1) Remove 4 screws(A) and pull the airduct, fan (FN901), and fan (FN902) upward.
- 2) Remove 4 screws(B) to disassemble the airduct assembly.



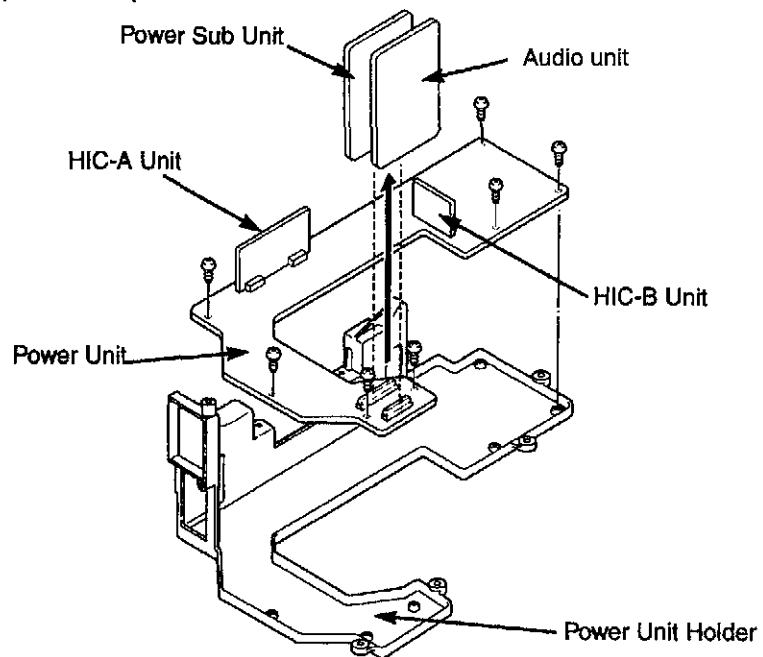
10. POWER UNIT HOLDER REMOVAL

- 1) Remove 6 screws, pull the power unit holder upward.



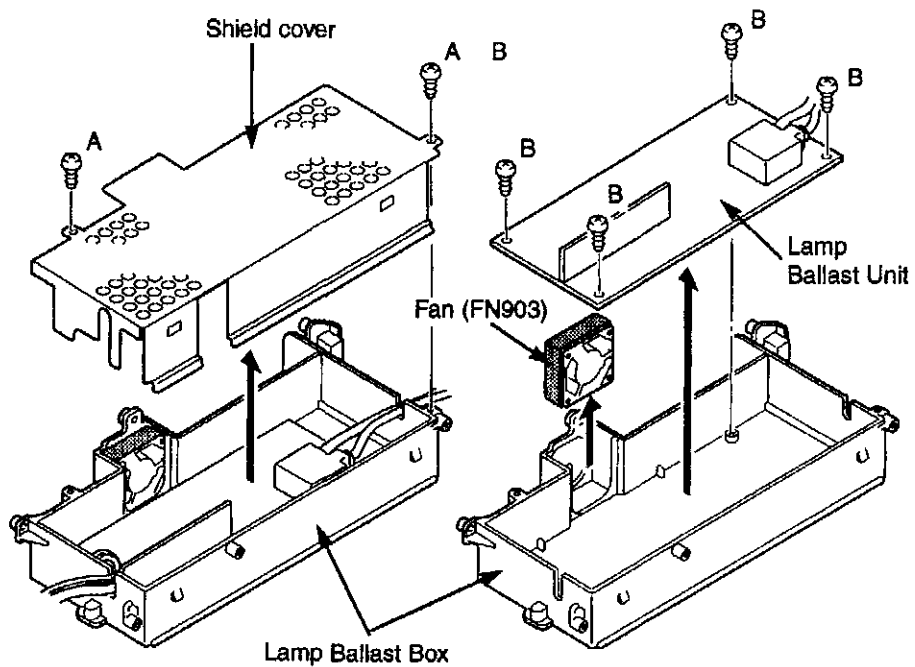
11. POWER, SUB POWER AND AUDIO UNIT REMOVAL

- 1) Pull the sub-power and Audio unit upward.
- 2) Remove 7 screws and pull the power unit upward.



12. LAMP BALLAST UNIT AND FAN (FN903) REMOVAL

- 1) Remove 2 screws(A) and remove the shield cover.
- 2) Remove 4 screws(B) and pull the lamp ballast unit upward.
- 3) Pull the fan (FN903) upward.



Remove the cabinet, cabinet front, main, video and A/V unit following to steps 2 to 4 of "Mechanical Disassemblies".

1. LENS ASSY REMOVAL

- 1) Remove 4 screws and remove the lens assy.

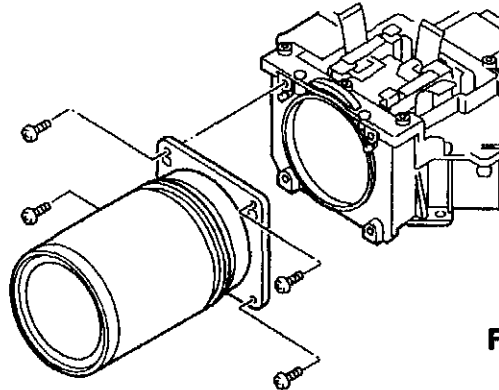


Fig.1

2. RELAY LENS AND INTEGRATOR LENS AND POLARIZED GLASS-IN R, G, B REMOVAL

- 1) Remove 2 screws(A) and then pull the relay lens upward.
- 2) Remove 2 screws(B) and then pull the integrator lens upward.
- 3) Remove each screw(C) and then pull the polarized glass-in R, G, B upward.

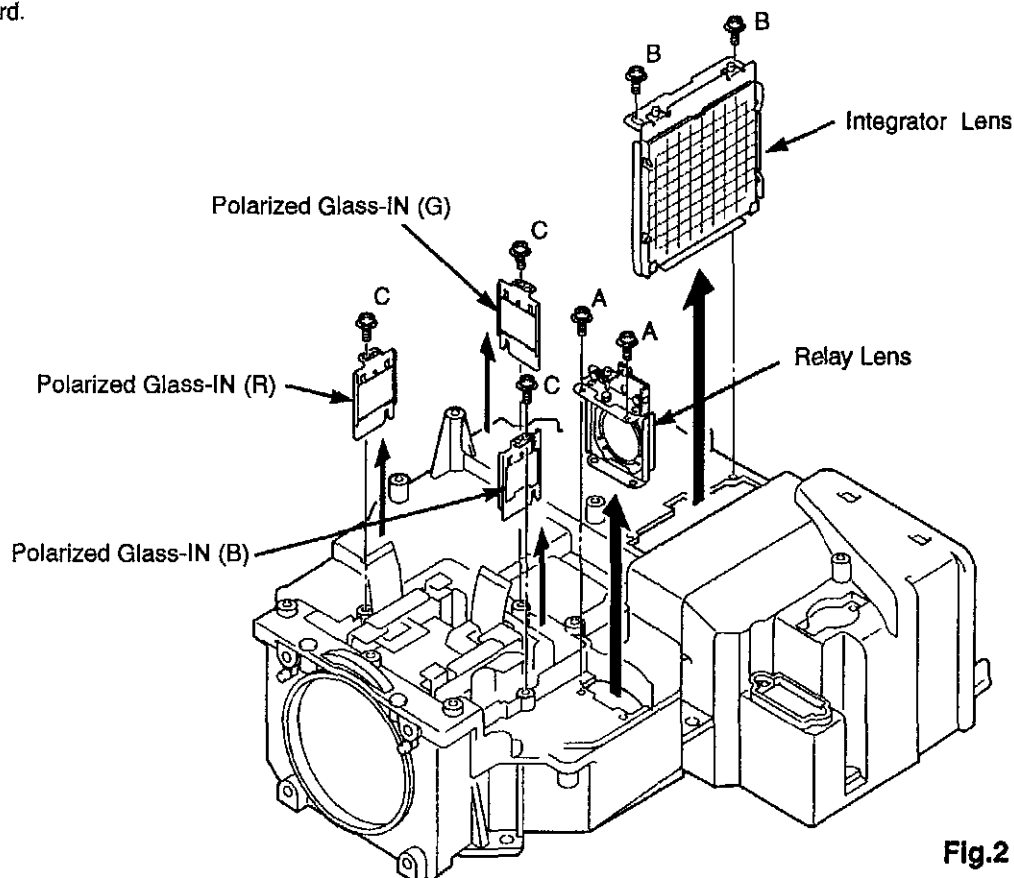
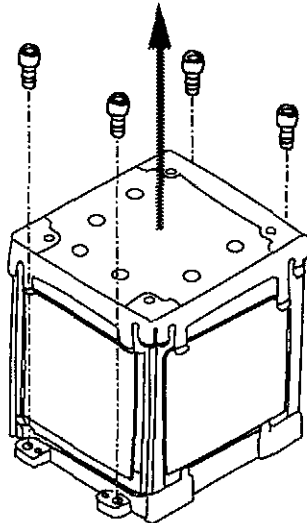


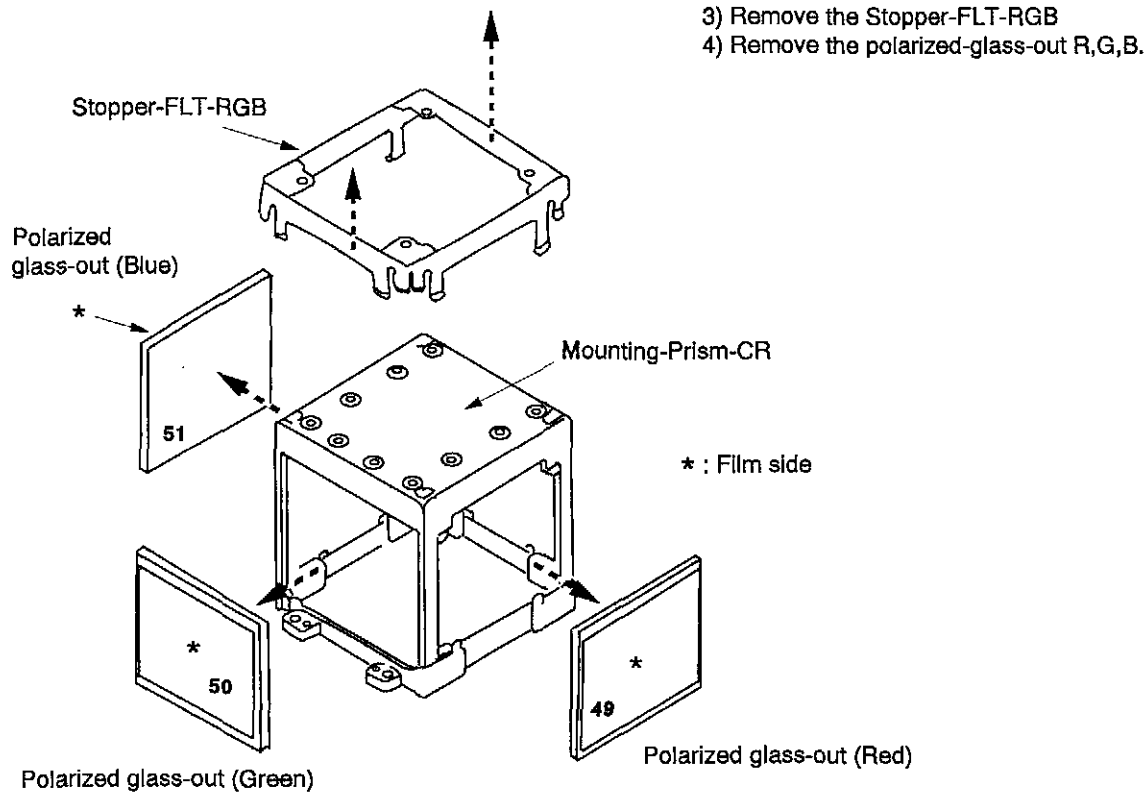
Fig.2



ASS'Y POLARIZED GLASS

3. POLARIZED-GLASS-OUT R,G,B REMOVAL

- 1) Remove ass'y-LCD-Panels. R/G/B
- 2) Remove 4 screws and then pull the Ass'y-polarized-glass upward.



NOTE ;

Polarized-glass-out R, G and B are not used in some particular models.

4. RELAY LENS DISASSEMBLY

- 1) Remove 2 screws
- 2) Remove lens holder and then remove relay lens and optical filter.

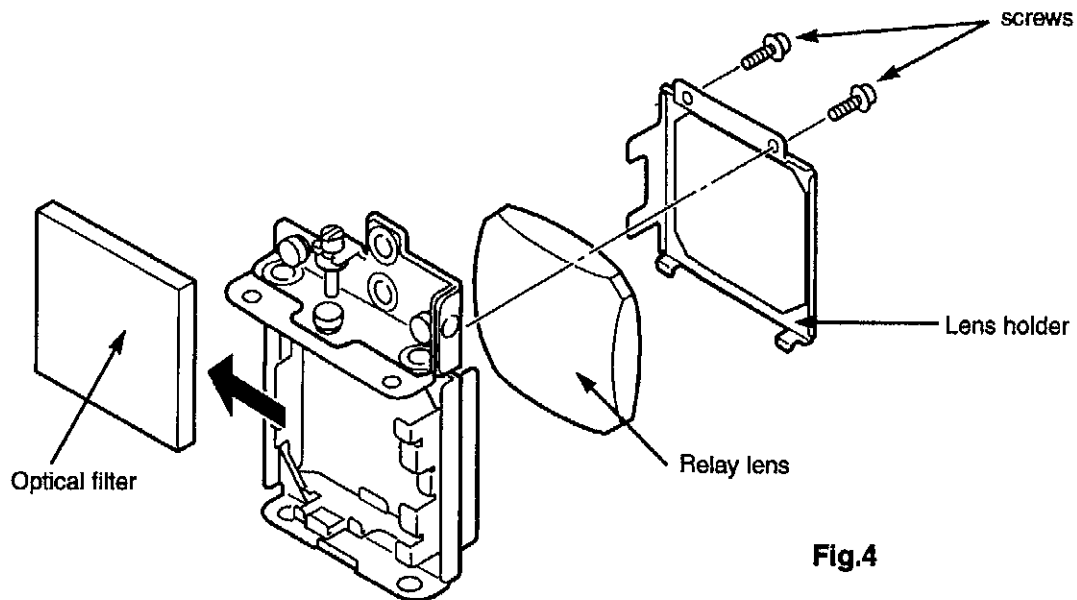


Fig.4

5. INTEGRATOR LENS DISASSEMBLY

- 1) Remove 2 stoppers downward and twist 7 hooks and then remove integrator lens.

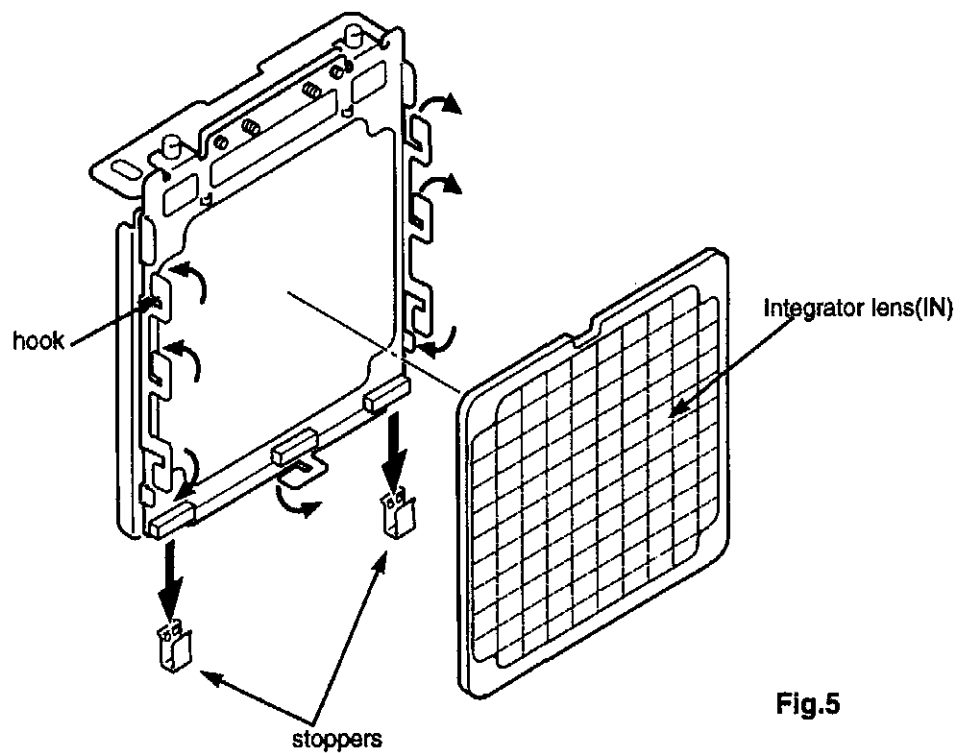


Fig.5

6. OPTICAL BASE TOP REMOVAL

Remove 9 screws and then pull the optical base top upward.

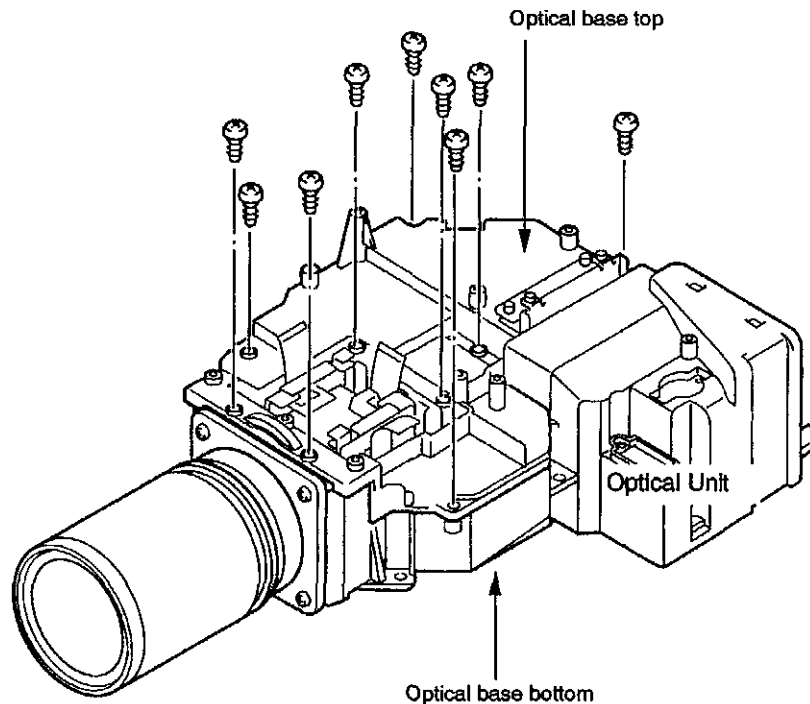


Fig.6

OPTICAL PARTS LOCATIONS

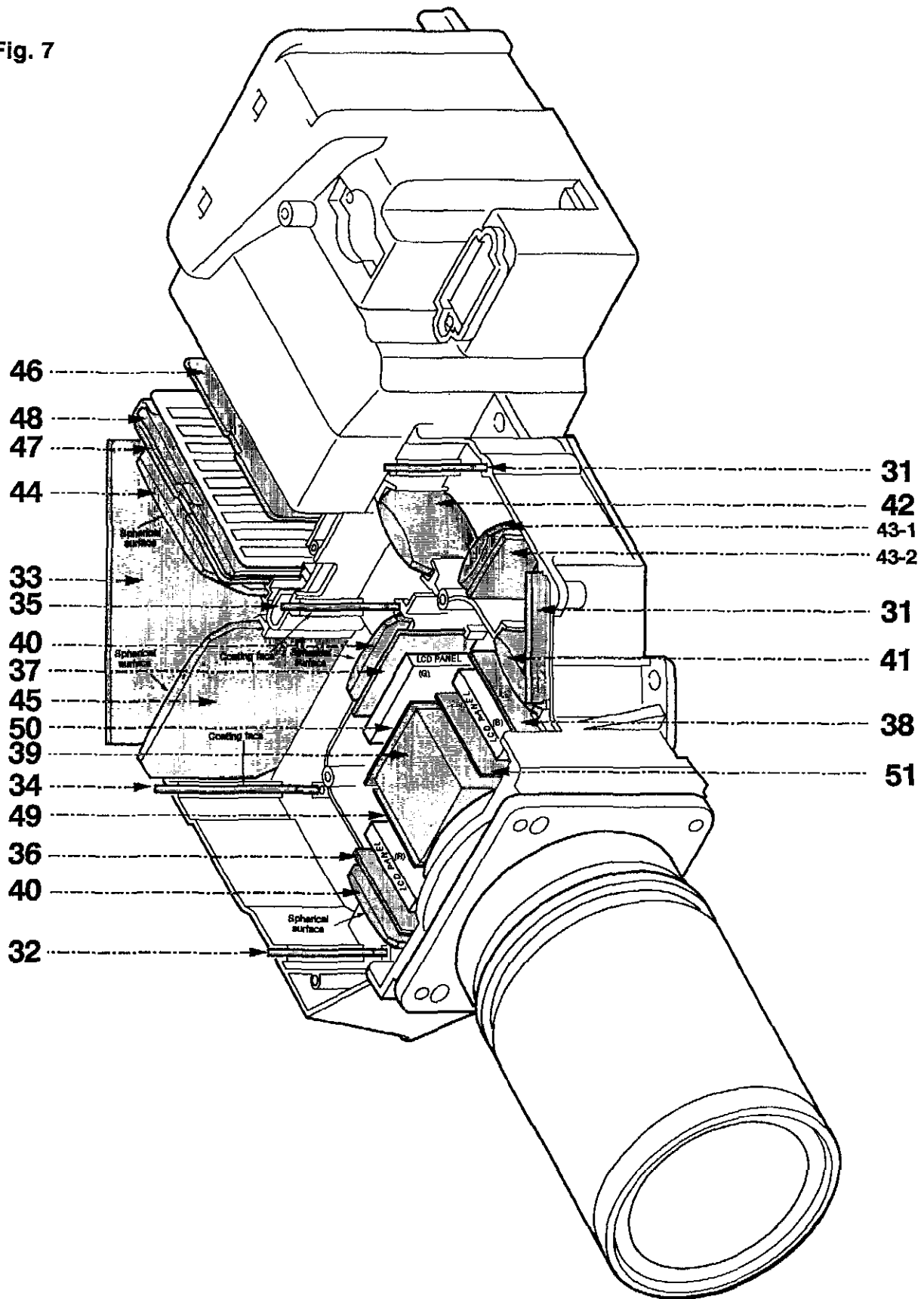
Refer to next page

31	MIRROR(B)	42	LENS, RELAY(IN)
32	MIRROR(R)	43-1	LENS, RELAY(OUT)
33	MIRROR(W)	43-2	OPTICAL FILTER(UV CUT)
34	DICHROIC MIRROR (R)	44	LENS, CONDENSER(IN)
35	DICHROIC MIRROR (G)	45	LENS, CONDENSER(OUT)
36	POLARIZED GLASS-IN(R)	46	LENS, INTEGRATOR(IN)
37	POLARIZED GLASS-IN(G)	47	ASSY, LENS, INT. (OUT)
38	POLARIZED GLASS-IN(B)	48	PRISM(P. B. S.) (Polarized Beam Splitter)
39	ASSY, PRISM	49	POLARIZED GLASS-OUT(R)
40	LENS, CONDENSER	50	POLARIZED GLASS-OUT(G)
41	LENS, CONDENSER(B)	51	POLARIZED GLASS-OUT(B)

NOTE ;

Key NO. 49, 50 and 51(polarized-glass-out R, G and B) are not used in some particular models.

Fig. 7



Mounting direction of optical parts

The optical parts must be mounted in specified direction otherwise the picture image will not project correctly.

- Mirror mounting (Key NO. 31/32/33)

Mount the mirror with coating side(mirror side) inside.

- Lens mounting

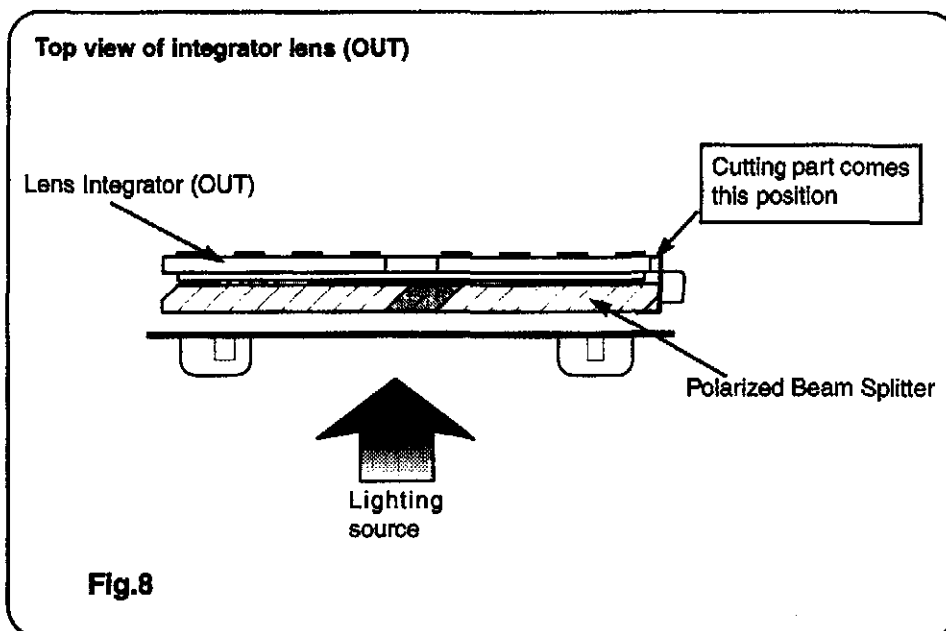
Lens (Key NO. 40/44/45) must be mounted as shown in Fig.7.

Lens (Key NO. 41/42) has no mounting direction.

Lens (Key NO. 47/48) must be mounted as shown in Fig.8.

- Dichroic Mirror mounting

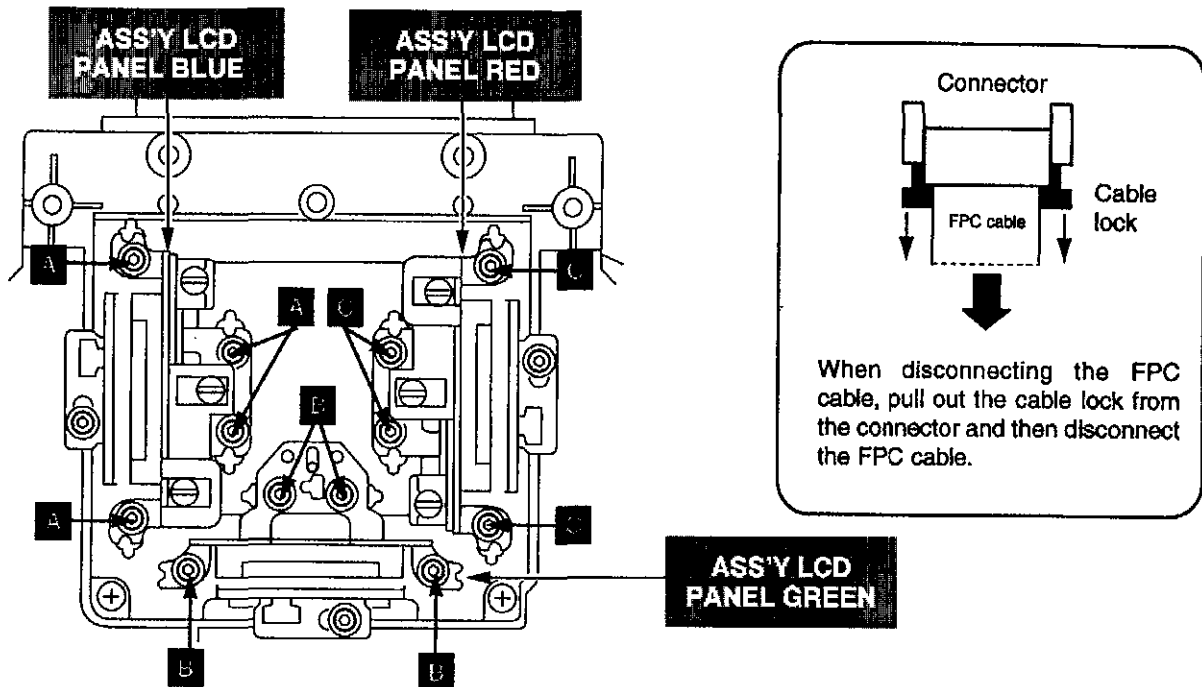
Dichroic mirrors (Key NO. 34/35) must be mounted as shown in Fig.7.



LCD PANEL REPLACEMENT

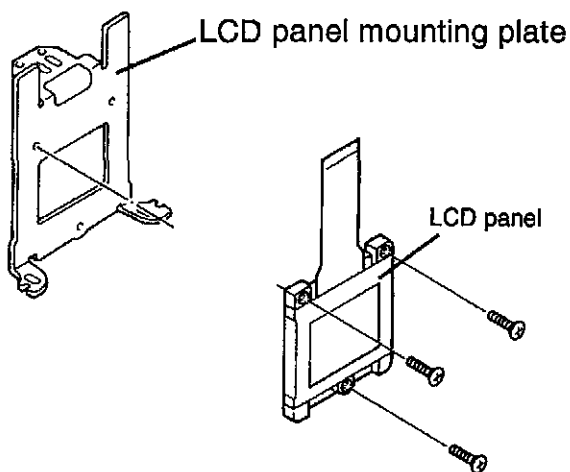
Disassemblies and replacement procedure

1. Remove the FPC cable on the main board.
2. Remove 4 screws (A=Blue, B=Green, C=Red) for the ass'y LCD Panel.
3. Pull out the ass'y LCD Panel.

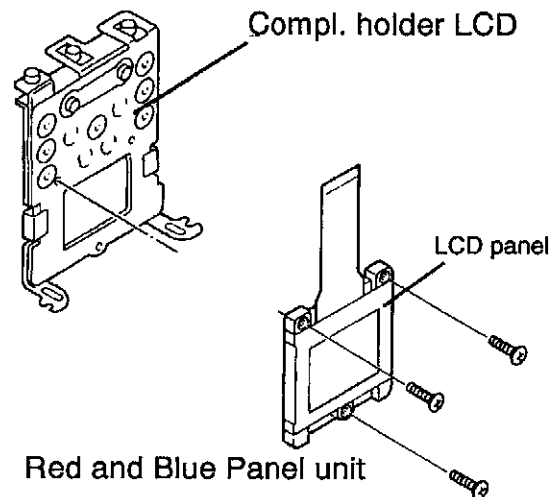


LCD PANEL REPLACEMENT

Remove 3 screws, then remove the LCD Panel and replace it.



Green Panel unit



Red and Blue Panel unit

Lamp ass'y replacement

- If the lamp fails to come on and the lamp replacement Indicator on the projector light is orange, you must replace the lamp.



- For continued safety, replace with a lamp assembly of the same type. part NO. 610 282 2755
- Allow the projector to cool for at least 45 minutes before you open the lamp cover. The inside of the projector can become very hot.
- Do not drop the lamp module or touch the glass bulb! The glass can shatter and cause injury.

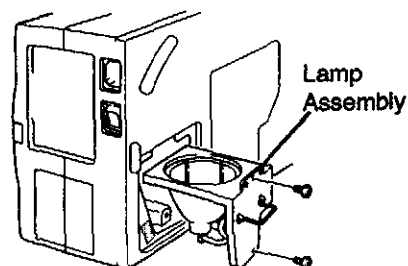
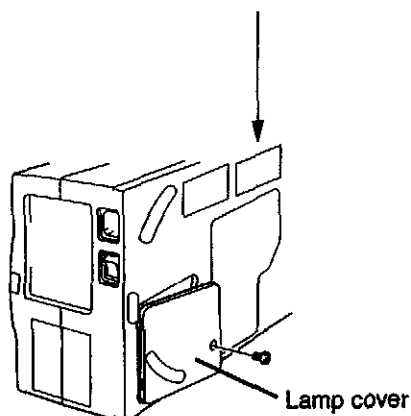
- Follow these steps to replace the lamp assembly.

1. Turn off the projector and allow the projector to cool thoroughly.
2. Disconnect the AC cord from the projector.
3. Remove screw with a screwdriver and remove the lamp cover.
4. Remove 2 screws with a screwdriver and pull out the lamp assembly by grasping the handle.
5. Replace the lamp assembly.
6. Tighten 3 screws to secure the lamp cover to the lamp assembly.
7. Connect the detachable AC cord to the projector.
8. Reset the lamp replacement monitor timer. (Refer to next page.)

- ⚠ Turn off. Remove AC cord and wait 45 minutes before open this lamp cover. Refer owner's manual for replacing the lamp. Replace with same type lamp.
- ⚠ Eteindre l'appareil. Enlever le Cordon secteur et attendre 45 minutes avant d'ouvrir ce couvercle. Se reporter au mode d'emploi pour remplacer la lampe. Remplacer la lampe par un model identique.
- ⚠ Schalten Sie den Projektor aus, ziehen Sie das Stromkabel aus dem Projektor und warten Sie 45 Minuten, bevor Sie den Projektor öffnen. Lesen Sie im Manual im Kapitel "Lampenwechsel" die Details nach. Benutzen Sie nur eine offizielle Ersatzlampe des gleichen Typs.
- ⚠ Apague el aparato. Desconecte el cable de red y espere 45 minutos antes de abrir la tapa. Consulte el manual de instrucciones para cambiar la lámpara. Cambie la lámpara por otra del mismo tipo.
- ⚠ Stäng av projektorn. Dra ur Kontakten och vänta 45 minuter innan Ni öppnar skyddet. Vi hänvisar till instruktionsboken innan Ni byter lampor. Använd samma typ av lampor.
- ⚠ Sluk for projektoren. Fjern netledningen fra stikkontakten og vent 45 min., før kabinettet åbnes. Se i brugsanvisningen, før lampen skiftes. Brug samme type lampe.

A

B



WARNING

ALLOW TO COOL BEFORE ATTEMPTING TO CHANGE THE LAMP.
USE ONLY REPLACEMENT LAMP PART NO. 610 282 2755

◆ RESET THE LAMP REPLACEMENT MONITOR TIMER.

NOTE: Do not reset the LAMP REPLACEMENT MONITOR TIMER, except after the lamp is replaced.

1. Press the MENU BUTTON and the MAIN MENU DISPLAY dialog box will appear.
2. Press the POINT LEFT/RIGHT BUTTON(s) to select SETTING and press the SELECT BUTTON. Another dialog box SETTING DISPLAY will appear.
3. Press the POINT DOWN BUTTON and a red arrow will appear.
4. Move the arrow by pressing the POINT UP/DOWN BUTTON(s) to select Lamp age and then press the SELECT BUTTON. When you reset the lamp replace monitor, "lamp replace monitor reset?" is displayed for confirmation.
5. Move the arrow to Yes and then press the SELECT BUTTON, "OK?" is displayed for confirmation. Move the arrow to Yes and then press the SELECT BUTTON, the lamp replace monitor is reset.
6. Move the arrow to No and then press the SELECT BUTTON. The lamp replace monitor is not reset.
7. To quit the MENU, move the arrow to Quit and then press the SELECT BUTTON.

MAIN MENU DISPLAY

Video

Computer

VGA 1

SETTING
 English

SETTING DISPLAY

	Blue back	On
	Display	On
	Reverse T/B	Off
	Reverse L/R	Off
	Split wipe	Off
	Power management	Off
	USB	
	Remote control	Mode 1
Quit		
Lamp age		←

OK ?

Yes ←

No

Lamp replace monitor Reset ?

Yes ←

No

Recommendation

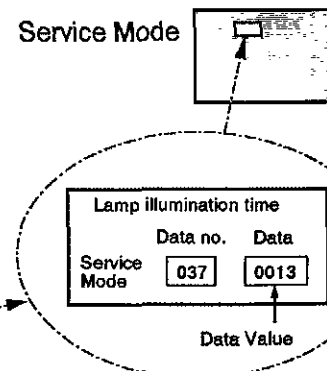
Should the air filter become clogged with dust particles, it will reduce the cooling fan's effectiveness and may result in internal heat build up and short lamp life. We recommend cleaning the air filter after the projection lamp is replaced. Refer to AIR FILTER CARE AND CLEANING on the Owner's Manual.

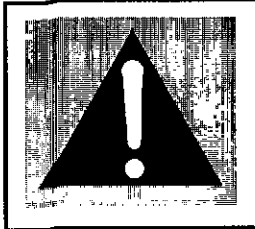
NOTE ;

HOW TO CHECK THE LAMP ILLUMINATION TIME

- With the projector in operating mode, press and hold the POINT UP button for 20 seconds, service mode display will appear on the screen.
- Illumination time = Data Value
Example Illumination time is 13 hours.
- Press the "POWER ON OFF" button to quit the service mode.

Service Mode





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 transformer 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 and barriers.

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 perform the following safety checks and be sure that it is completely safe to operate without danger of electrical shock.

[PRODUCT SAFETY NOTICE]

Product safety should be considered when a component replacement is made in any area of the projector. Components indicated by a mark (Δ) 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. 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($\approx$ 25kV) at its start.

Since the lamp is very high temperature during units operation. Replacement of the lamp should be done at least one hour 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.

CAUTION  LASER RADIATION - DO NOT STARE INTO BEAM MAX. OUTPUT : 1mW WAVE LENGTH : 650 $\pm$ 20nm CLASS II LASER PRODUCT This product is complied with 21 CFR part 1040.10	LASER RADIATION DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT LASER-STRAHLUNG NICHT IN DEN STRAHL BLICKEN LASER KLASSE 2 レーザ放射クラス2 レーザ製品 ビームをのぞきこまないこと IEC80025-1,Am.1 1987 MAX. OUTPUT(最大出力): 1mW WAVE LENGTH(波長): 650 $\pm$ 20nm
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Protections

This projector is equipped with 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.

Circuit Protection ----- Fuse

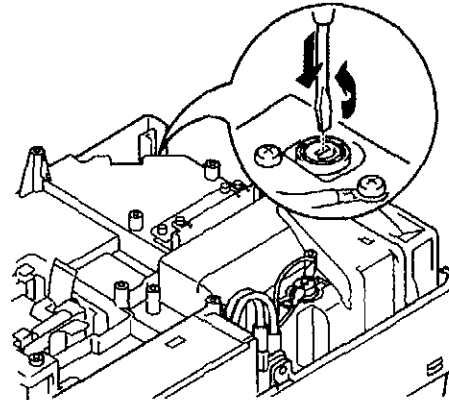
The fuse is located inside the projector. When the Mains switch on the rear panel is turned on and the lamp indicator does not illuminate, fuse may be open. Remove the cabinet and check the fuse.

It should be used the specified fuse as follows;



How to replace the fuse

1. Disassemble the cabinet and main unit.
(Refer to Mechanical disassemblies.)
2. To remove the fuse holder, press and turn left the fuse holder by using slot screwdriver.
To install the fuse, take reversed step in the above.



Optical Protection ----- Thermal switch

If temperatures around the lamp reaches to 100 °C, the thermal switch(SW905) will be activated and shut off mains power supply.

Check the resistance between terminals of thermal switch by using the tester. If it has high impedance, thermal switch may be in operative.

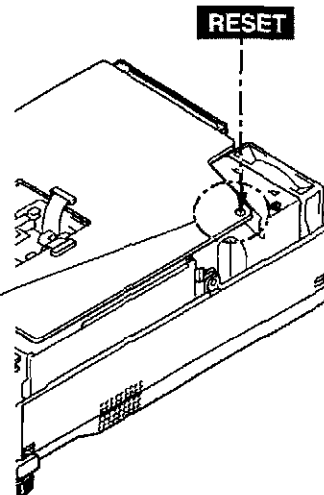
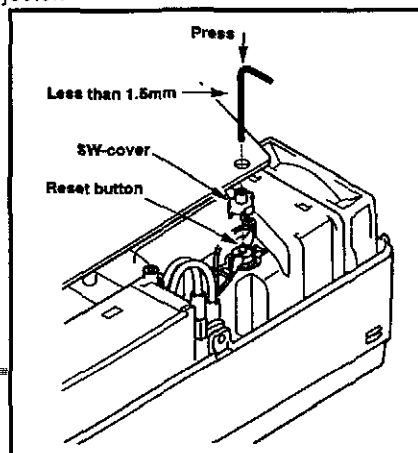
To return to normal operation, press the reset button on the thermal switch inside the projector as following procedure.

How to reset the thermal switch

1. Disassemble the cabinet.
(Refer to Mechanical disassemblies.)
2. Press the reset button on thermal switch.

Caution:

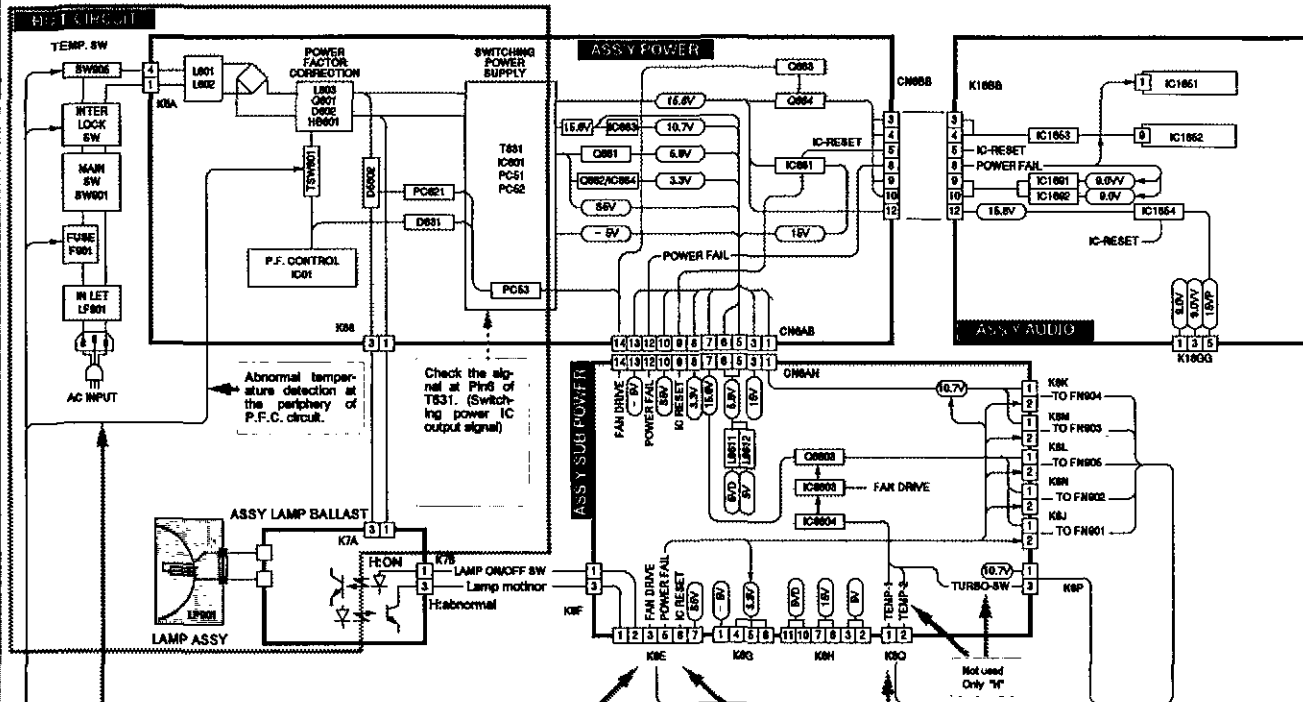
Before press the reset button, disconnect the AC cord from the projector.



■ ABNORMAL TEMPERATURE

■ PROTECTION CIRCUIT

■ TEMPERATURE MONITOR



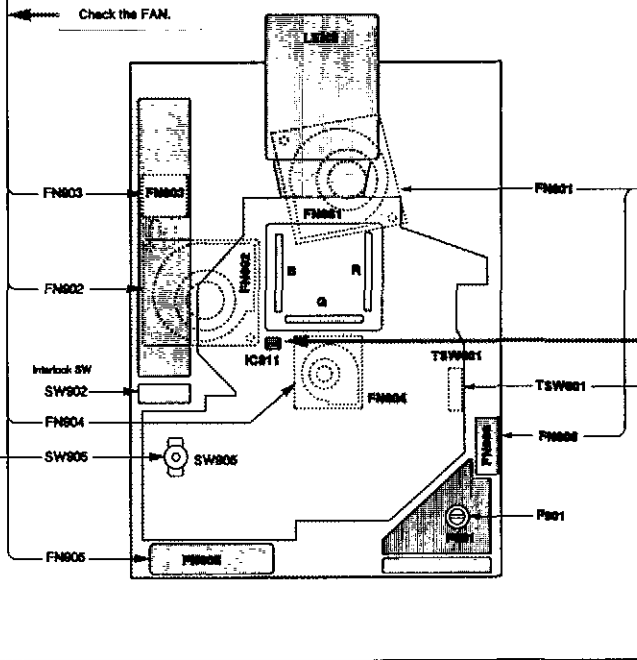
Is thermal switch (TSW901) operating?
If temperature periphery of P.F.C. circuit reaches to $90 \pm 5^\circ\text{C}$, the thermal switch operates and the projector turns off.
TSW901: OPEN: normal

Check that the FAN DRIVE signal is correct.
pin3 of K8E
H: ON

Check that the IC RESET (Gate array power on/off) signal is correct.
pin6 of K8E

Check that the TEMP-1 signal.
TEMP-1 is fan control signal.
H: normal speed
L: high speed

Check the FAN.

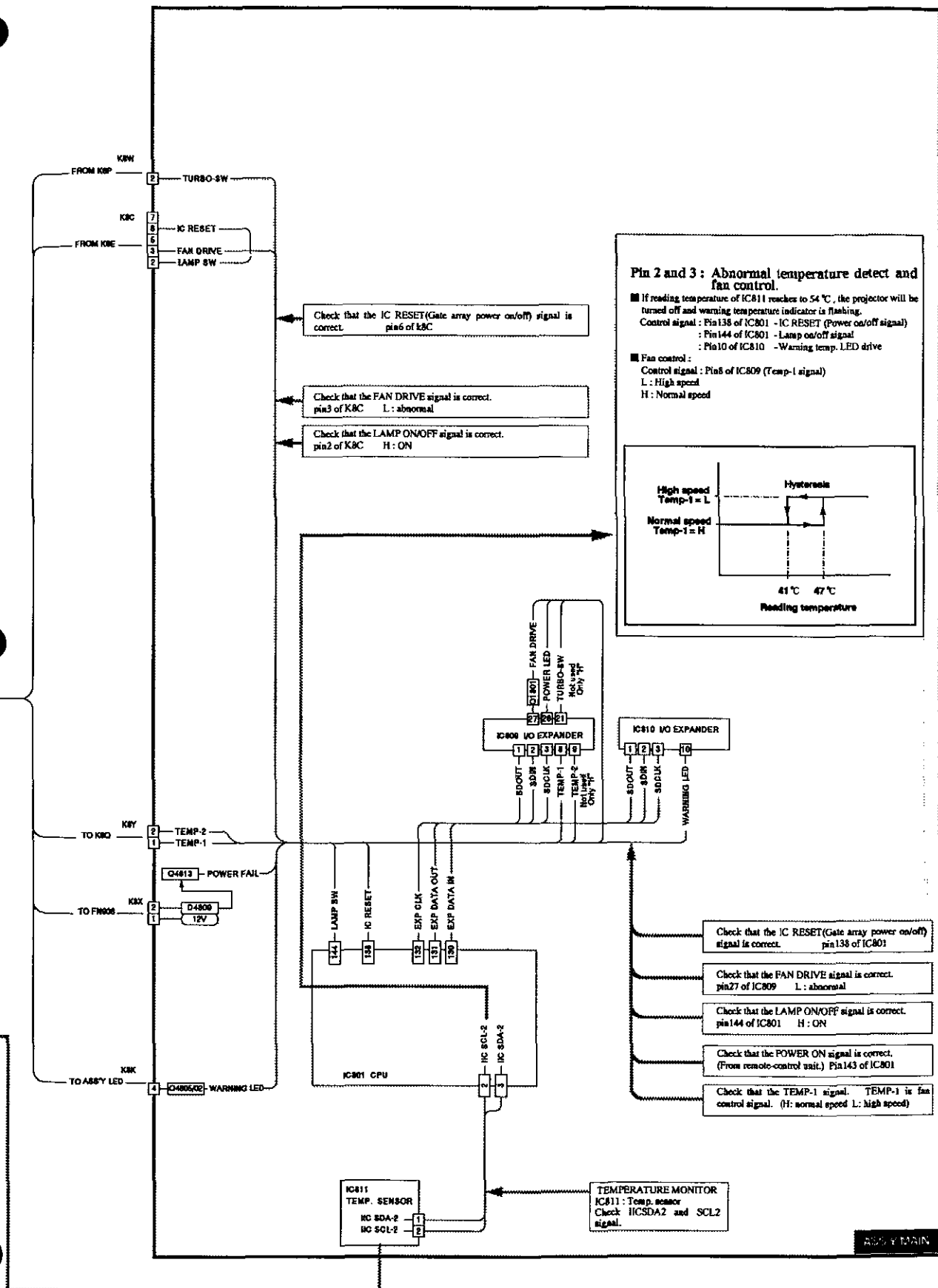


Temperature monitor IC811 = Temp. sensor (On side B of the assy main). If reading temperature reaches to 54°C , the projector turns off and the temperature warning indicator flashes.

Is thermal switch (SW905) operating?
If temperature inside of the projector reaches to $100 \pm 4^\circ\text{C}$, the thermal switch will be activated and turned AC off.
Open at $100 \pm 4^\circ\text{C}$.
(In the case TEMPERATURE MONITOR circuit operate at 54°C) is damaged.
Once the thermal switch will be activated, it must be reset manually.

Is temperature warning indicator flashing?
If temperature periphery of optical unit (temperature sensor IC811) reaches to 54°C , the projector turns off and the temperature warning indicator flashes.



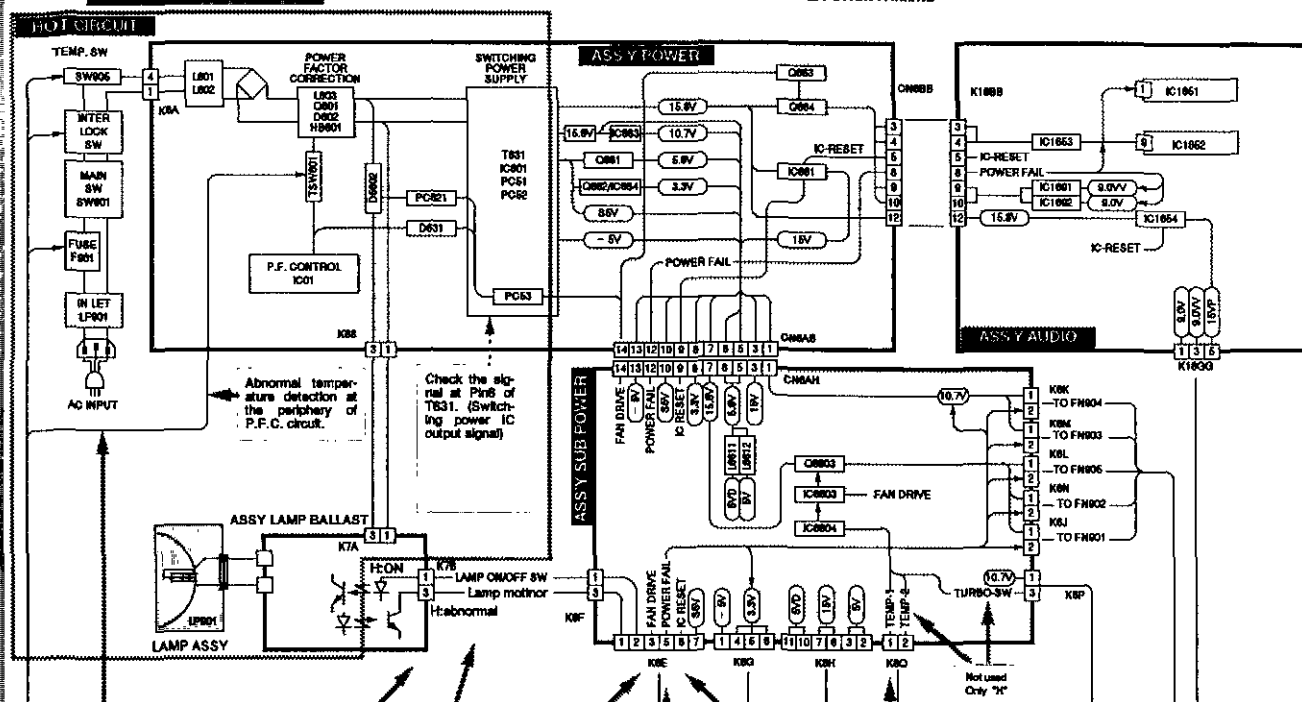


【 Troubleshooting 】

■ NO POWER

■ PROTECTION CIRCUIT

■ LAMP MONITOR
■ TEMPERATURE MONITOR
■ POWER FAILURE



Is thermal switch (TSW801) operating?
If temperature periphery of P.F.C. circuit reaches to $90 \pm 5^\circ\text{C}$, the thermal switch operates and the projector turns off.
TSW801: OPEN: normal

Check that the LAMP MONITOR signal is correct. pin3 of K8F and pin1 of K8E
H: abnormal

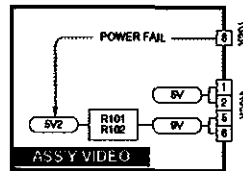
Check that the LAMP ON/OFF signal is correct. pin2 of K8E
H: ON

Check that the FAN DRIVE signal is correct. pin3 of K8E
H: ON

Check that the POWER FAIL signal is correct. pin5 of K8E
L: abnormal

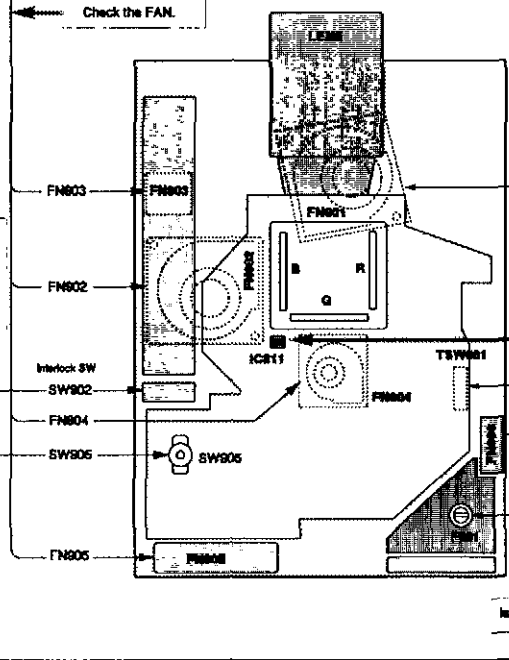
Check that the IC RESET (Gate array power on/off) signal is correct. pin1 of K8E

Check that the TEMP-1 signal. TEMP-1 is fan control signal.
H: normal speed
L: high speed



Check the FAN.

Is projection of lamp cover inside broken or not fitting? Check the INTER LOCK switch (SW802) and lamp cover.
SW802: OPEN: abnormal



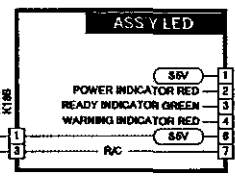
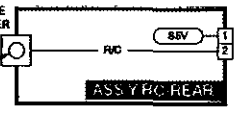
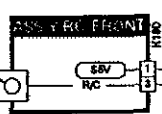
Temperature monitor
IC811 = Temp. sensor (On side B of the assy main.)
If reading temperature reaches to 54°C , the projector turns off and the temperature warning indicator flashes.

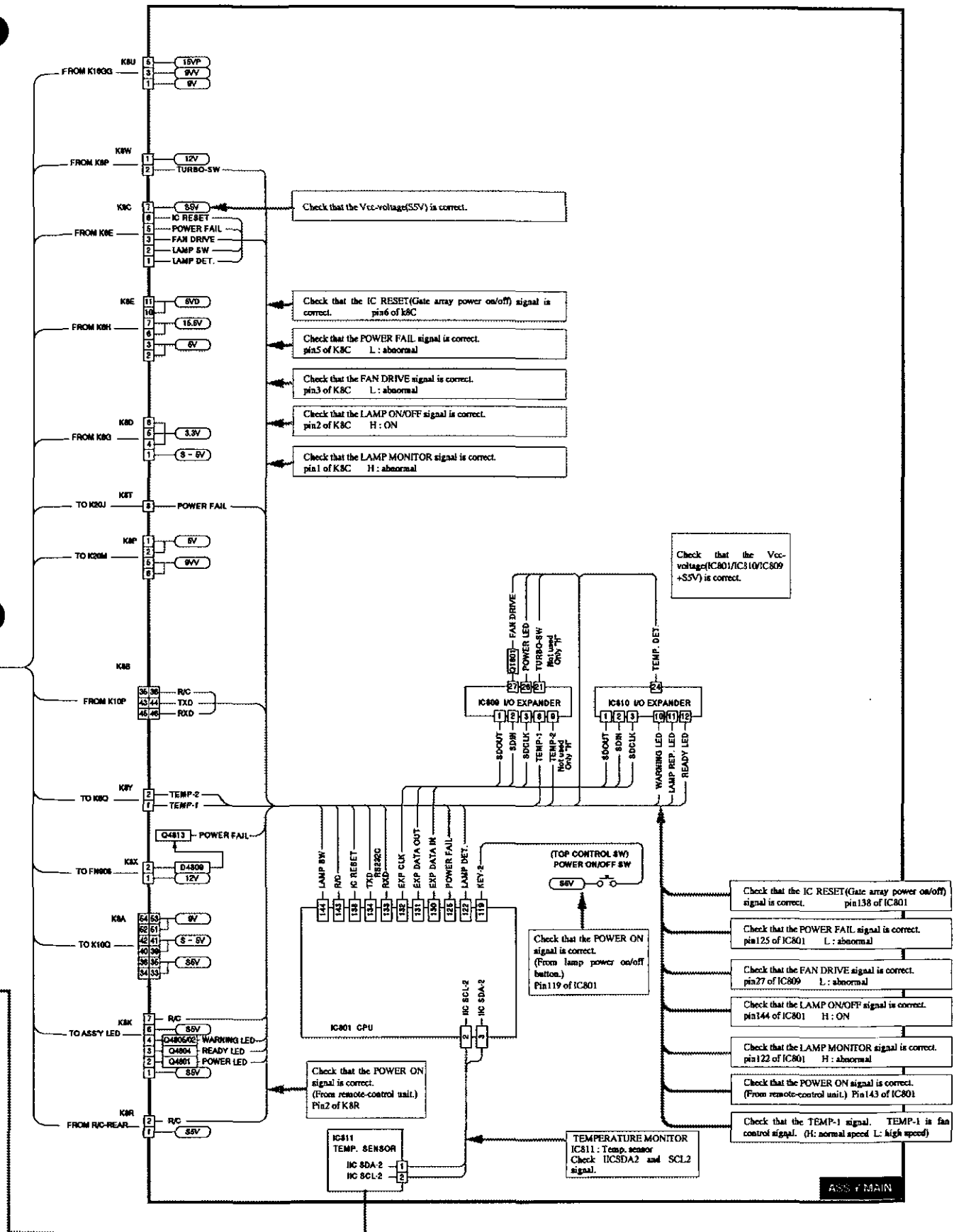
Is thermal switch (SW805) operating?
If temperature inside of the projector reaches to $100 \pm 4^\circ\text{C}$, the thermal switch will be activated and turned AC off.
Open at $100 \pm 4^\circ\text{C}$ (In the case TEMPERATURE MONITOR circuit operates at 54°C is damaged.)
Once the thermal switch will be activated, it must be reset manually.

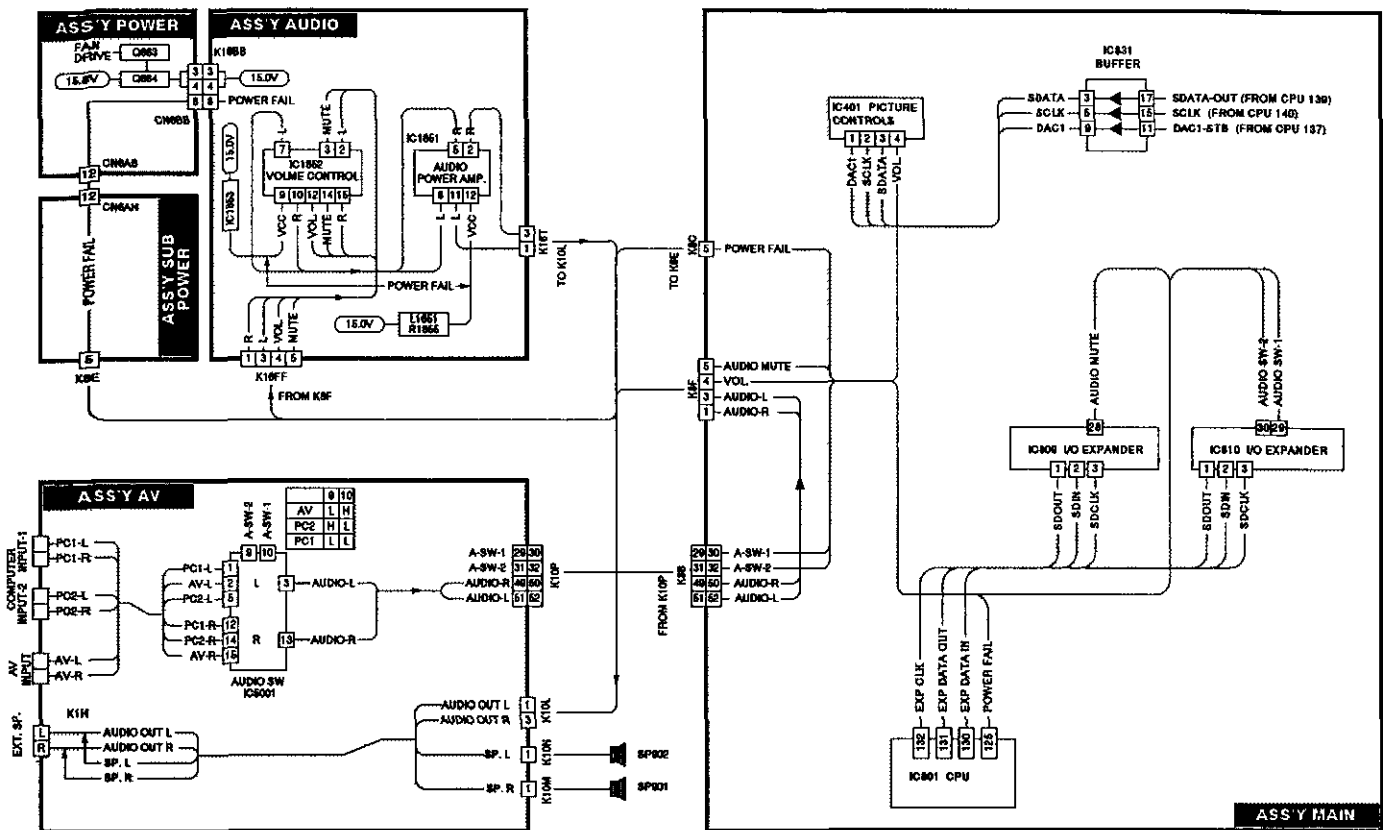
Are LAMP POWER indicator and READY indicator light?
If the LAMP POWER and READY indicators do not light, check the HOT circuit of primary side and 5.6V of STANDBY power source circuit.

Is temperature warning indicator flashing?
If temperature periphery of optical unit temperature sensor (IC811) reaches to 54°C , the projector turns off and the temperature warning indicator flashes.

IR UNIT
POWER ON/OFF SIGNAL







ASS'Y AV

1. Check that the Vcc-voltage(Pin16 of IC5001 +9V) is correct.
2. Check that the Audio Select signal is correct.
Pin9, 10 of IC5001 Pin 9 :10
AV L : H
PC2 H : L
PC1 L : L
3. Check the input and output signals at IC5001.
4. Check the input and output signals at K1H, K10L, K10N, K10M.

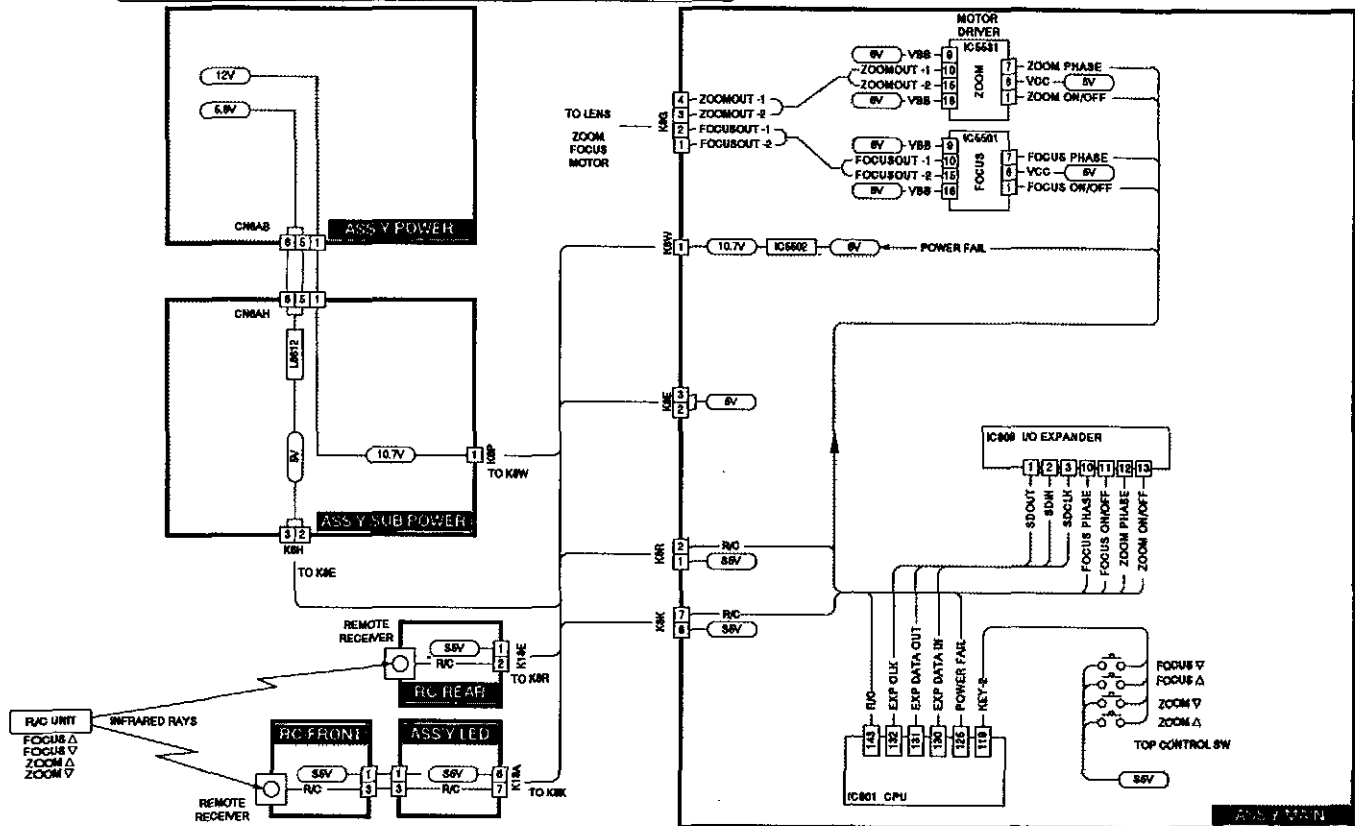
ASS'Y MAIN

1. Check the input and output signals at Pin49~52 of K8B and Pin1, 3 of K8F.
2. Check that the Power Fail signal is correct (Pin5 of K8C and Pin130 of IC801).
3. Check that the Audio Mute signal is correct (Pin5 of K8F and Pin28 of IC809).
4. Check that the Volume $\Delta \nabla$ signal is correct (Pin4 of K8F and Pin4 of IC401).
5. Check that the Audio Select signals are correct (Pin29~32 of K8B and Pin29, 30 of IC810). IC810 Pin 30 :29
AV L : H
PC2 H : L
PC1 L : L

ASS'Y AUDIO

1. Check that the Vcc-voltages are correct (Pin9 of IC1652 and Pin12 of IC1651).
2. Check the Audio signals at Pin1, 3 of K16FF and Pin2, 15 of IC1652.
3. Check the Audio signals at Pin7, 10 of IC1652 and Pin5, 8 of IC1651.
4. Check the Audio Output signals at Pin2, 11 of IC1651 and Pin1, 3 of K16T.
5. Check that the Power Fail signal is correct (Pin8 of K16BB).
6. Check that the Audio Mute signal is correct (Pin5 of K16FF and Pin3, 14 of IC1652).
7. Check that the Volume $\Delta \nabla$ signal is correct (Pin4 of K16FF and Pin12 of IC1652).

POWER ZOOM and FOCUS LENS SYSTEM



ASS'Y MAIN

1. Check that the Vcc and Vbb voltages are correct.
VCC (Logic supply) Pin6 of IC5501 and IC5531
VBB (Load supply) Pin9, 16 of IC5501 and IC5531
2. Check that the FOCUS, ZOOM Δ ∇ signal is correct.
Pin119 of IC801 (From Top Control SW.)
3. Check that the POWER FAIL signal is correct.
Pin125 of IC801 H: Normal
4. Check that the FOCUS, ZOOM Δ ∇ signals are correct.
Pin143 of IC801 (From remote-control unit.)
5. Check that the FOCUS and ZOOM on/off signals are correct.
Pin11, 13 of IC809.
6. Check that the FOCUS and ZOOM Phase signals are correct.
Pin10, 12 of IC809.
7. Check that the FOCUS and ZOOM on/off signals are correct.
Pin1 of IC5501 and IC5531.
8. Check that the FOCUS and ZOOM Phase signals are correct.
Pin7 of IC5501 and IC5531.
9. Check that the FOCUS Output signals are correct.
Pin10, 15 of IC5501 and Pin1, 2 of K8G.
10. Check that the ZOOM Output signals are correct.
Pin10, 15 of IC5531 and Pin3, 4 of K8G.

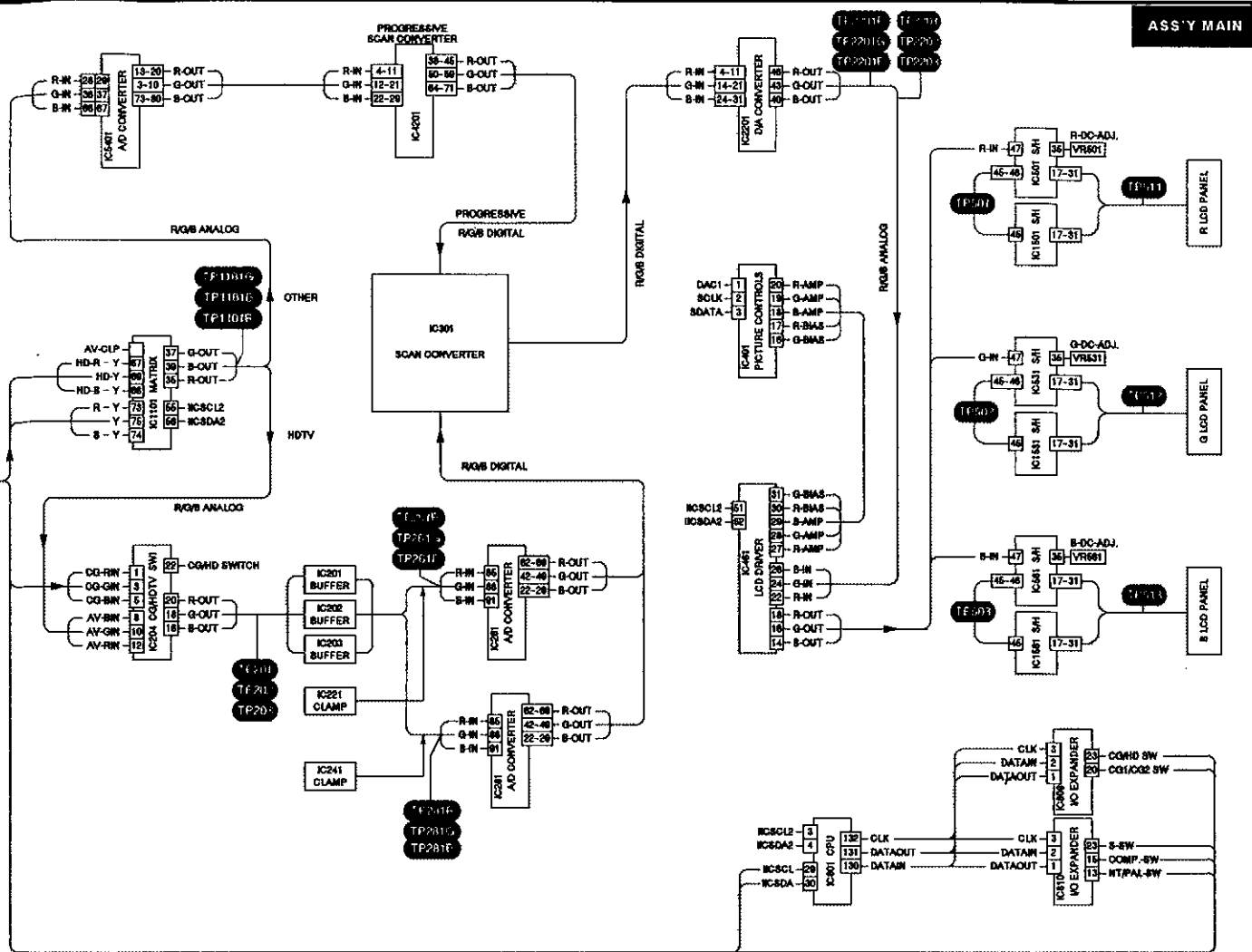
TRUTH TABLE

IC5501/IC5531

INPUT		OUTPUT		OPERATION
ON/OFF	Phase	10	15	
H	H	H	L	Forward(reverse) drive
H	L	L	H	Reverse(forward) drive
L	—	L	L	Braking



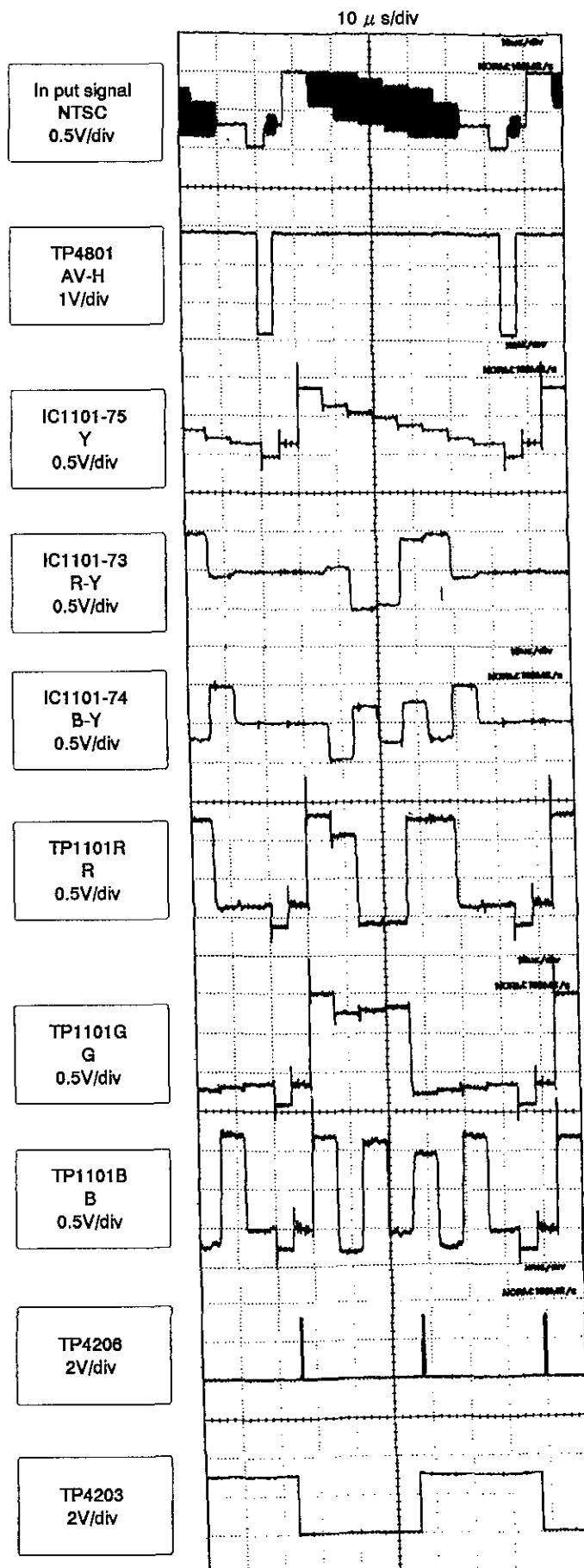
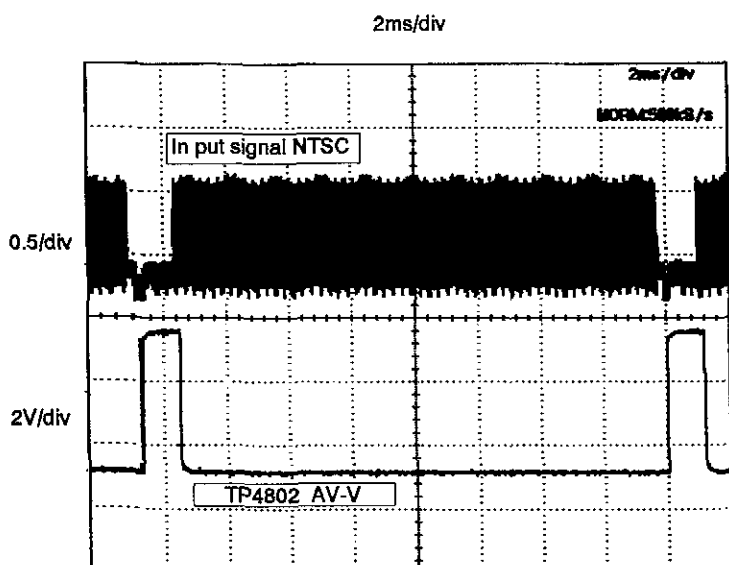
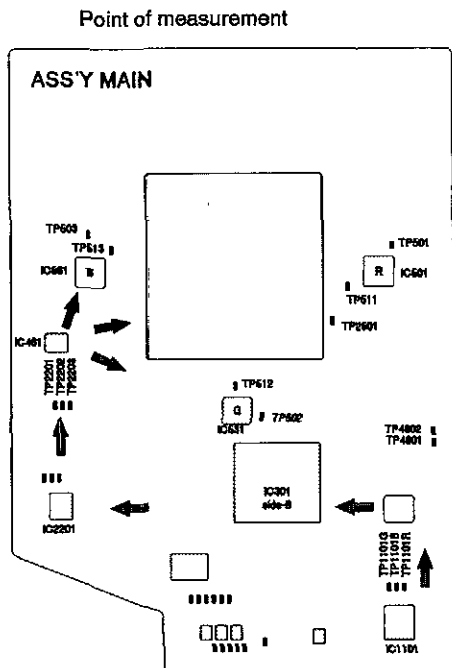
1. Check that the Vcc-voltages(5V, 9V) are correct.
2. Check the signals at TP2101. (Composite-video)
3. Check that the S-SW signal is correct.
Composite-video=H / S-video=L
4. Check that the COMP.SW signal is correct.
Composite and S-Video=H / Component-video=L
5. Check that the NTSC/PAL-SW signal is correct.
NTSC=H / PAL=L
6. Check the input and output signals at IC111.
7. Check the H-SYNC signal. (Pin2 of K20J)
Check the V-SYNC signal. (Pin3 of K20J)



ASS'Y MAIN

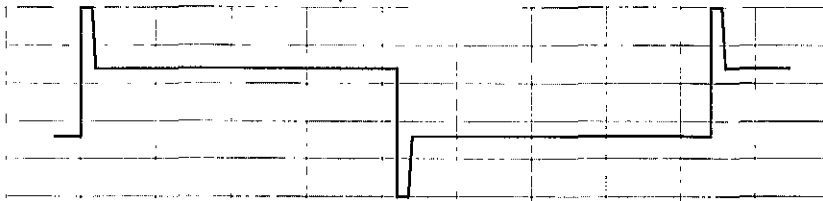
1. Check the Vcc-voltages at all IC.
2. Check that the S-SW signal is correct.
Composite-video=H / S-video=L
3. Check that the COMP.SW signal is correct.
Composite and S-Video=H / Component-video=L
4. Check that the NTSC/PAL-SW signal is correct.
NTSC=H / PAL=L
5. Check the AV H-SYNC signal. (TP4801)
Check the AV V-SYNC signal. (TP4802)
6. Check the CG H-SYNC signal. (TP814)
Check the CG V-SYNC signal. (TP815)
7. Check that the SDA and SCL signals are correct.
PIN30 of IC801 SDA
PIN29 of IC801 SCL
8. Check that the CG1/CG2 SELECT signal is correct.
Pin20 of IC809.
9. Check that the CG/HD SELECT signal is correct.
Pin23 of IC809.
10. Check the signals at TP1101R, TP1101G and TP1101B.
11. Check the signals at TP201, TP202 and TP203.
12. Check the signals at TP261R, TP261G and TP261B.
13. Check the signals at TP281R, TP281G and TP281B.
14. Check the signals at TP2201, TP2202 and TP2203.
15. Check the signals at TP501, TP502 and TP503.
16. Check the signals at TP511, TP512 and TP513.

Waveforms



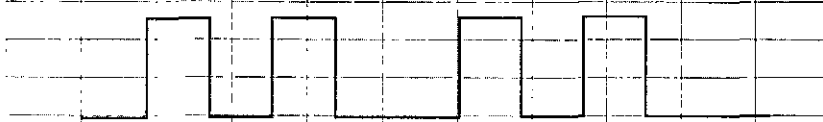
Waveforms

5 μ s / div



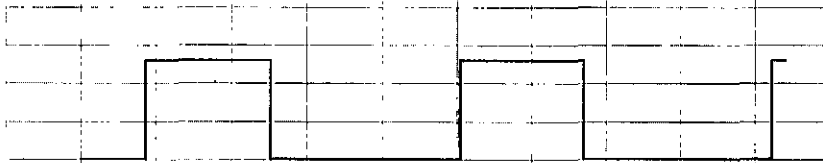
TP-2501
PSIG

2.0V / div



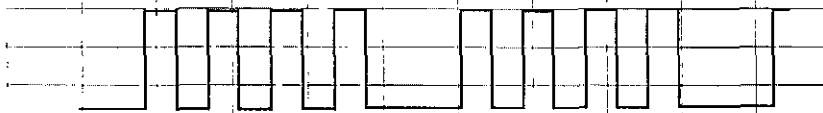
TP-2201
R

0.5V / div



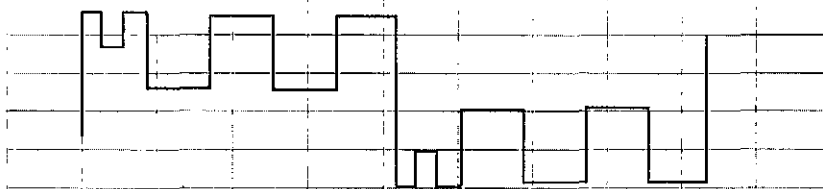
TP-2202
G

0.5V / div



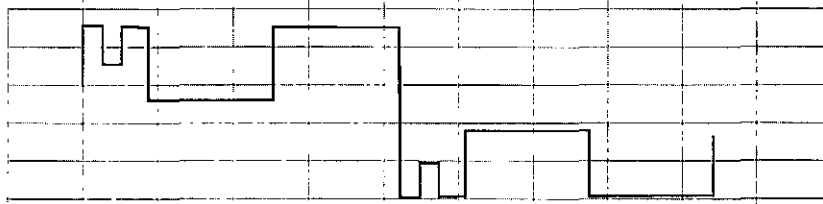
TP-2203
B

0.5V / div



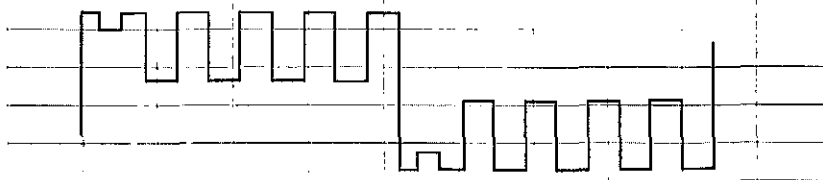
TP-501
TP-511
R

2.0V / div



TP-502
TP-512
G

2.0V / div



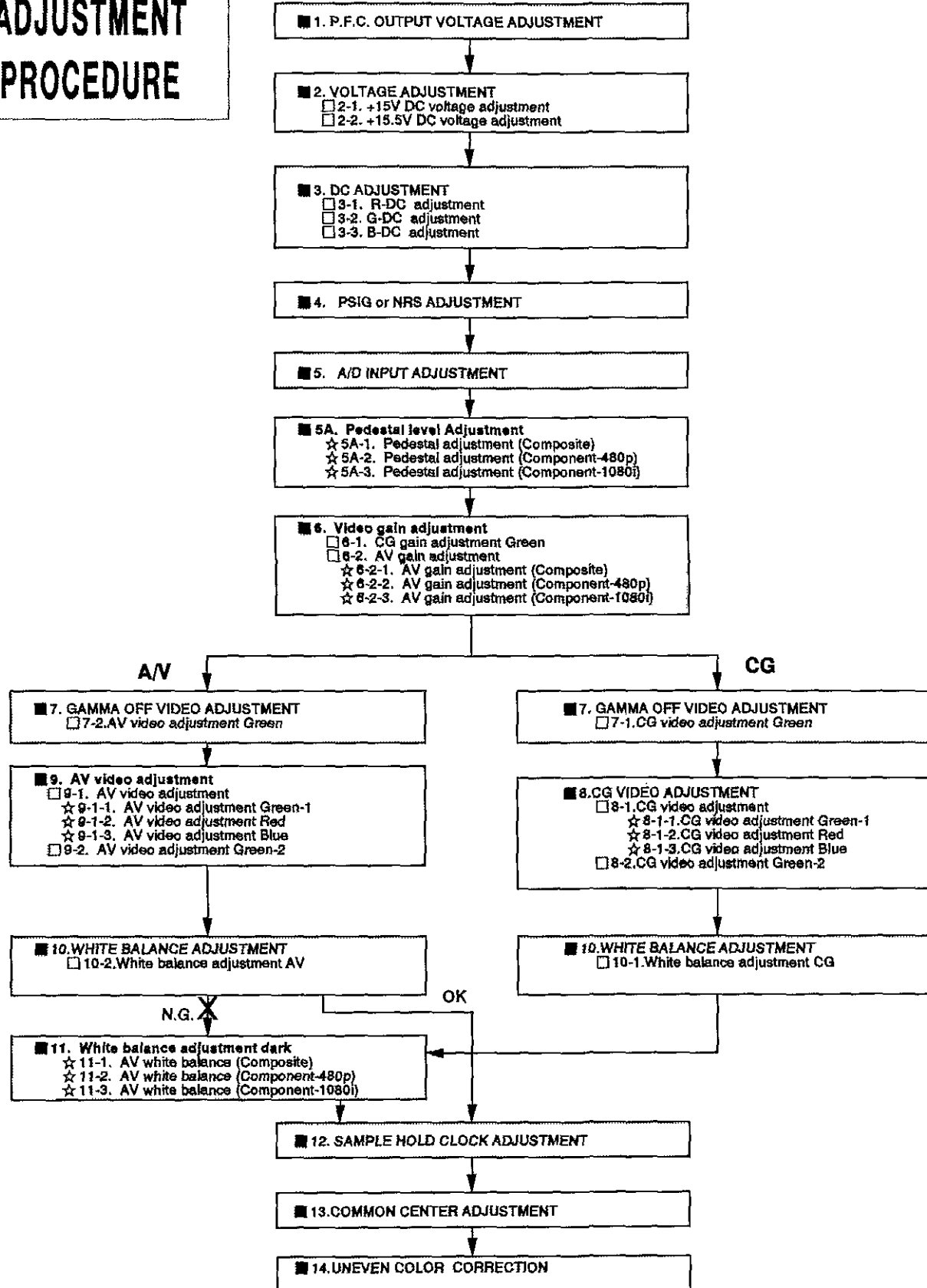
TP-503
TP-513
B

2.0V / div

Alignment Procedures

ELECTRICAL ADJUSTMENTS

ADJUSTMENT PROCEDURE



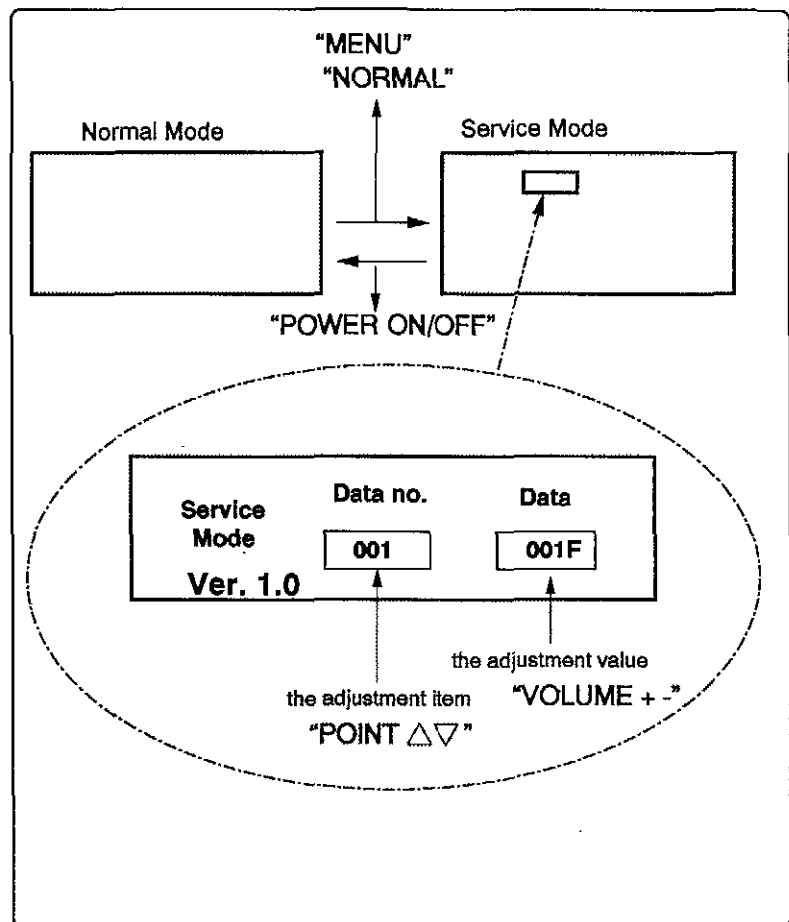
■ SERVICE MODE OPERATION

■ To change the mode from the Normal mode to the Service mode by pressing the "MENU" and "NORMAL" buttons on the projector simultaneously and hold for 3 seconds.

■ Press the "POWER ON/OFF" button on the projector or remote control unit to quit the service mode.

■ Adjust the service data with the following control buttons.

1. Press the "POINT $\triangle \nabla$ " buttons on the projector to change the adjustment item.
2. Press the "VOLUME + -" buttons on the projector to adjust the data value.



DATA NO	DATA NAME	ADJUSTMENT ITEM
00	DAC Sub Bright	CG video adjustment Green-1 AV VIDEO ADJUSTMENT
02	DAC RGB Bias	CG video adjustment Green-1 and 2 AV video adjustment Green-1 and 2
03	DAC R Bias	White balance adjustment CG and AV
04	DAC B Bias	White balance adjustment CG and AV
07	RGB Amp. (Gamma off)	video adjustment Green CG and AV
0A	DLY CNT	Sample hold clock adjustment
0C	Gamma Amp. R	Video adjustment Red CG and AV
0E	Gamma Amp. B	Video adjustment Blue CG and AV
16	CXA2101 Picture	AV gain adjustment Green composite and component
17	CXA2101 R-Drive	AV gain adjustment Red composite and component
18	CXA2101 B-Drive	AV gain adjustment Blue composite and component
20	dac r com	Common center adjustment red
21	dac g com	Common center adjustment green
22	dac b com	Common center adjustment blue
23	CXA2101 Bright	Pedestal level adjustment Green
24	CXA2101 R-ref	Pedestal level adjustment Red White balance adjustment dark
25	CXA2101 B-ref	Pedestal level adjustment Red White balance adjustment dark
37	Lamp illumination time	Lamp illumination time (Read only)
57	Logo SW	Logo mark on/off (0000=off / 0001=on)
5B	RS232C Speed Option	RS232C Bit rate set (000=9600/0001=19200)
5D	AV Option	AV Mode on/off (0000=Comp. & AV/ 0001=Comp. Only)
C0	Uneven color correction	Correcting Operation Mode
C1	Uneven color correction	Correction Data Reset
CA	Uneven color correction	00FA=Correcting operation effective/007A=off

Other adjustment items are not related to the service and maintenance, don't press VOLUME(+) (-) buttons when the those items.

1. P.F.C. output voltage adjustment

Equipment Digital voltmeter
Connections + K6B pin1
..... - K6B pin3

Ac input voltage 230V AC
Adjustment: By using VR01, adjust P.F.C. output voltage to $370 \pm 2.0V$ DC.

or
Ac input voltage 120V AC
Adjustment: By using VR01, adjust P.F.C. output voltage to $320 \pm 2.0V$ DC.

Caution;
Connect the lamp and ass'y-lampballast when doing the adjustment.

2. Voltage adjustment

2-1. +15V DC voltage adjustment

Equipment Digital voltmeter
Connections + ; K6H pin6 (power board)
..... - ; Chassis ground

Adjustment: By using VR661, adjust DC voltage to $15.2 \pm 0.1V$ DC.

2-2. +15.5V DC voltage adjustment

Equipment Digital voltmeter
Connections + ; K16GG pin5 (audio board)
..... - ; Chassis ground

Adjustment: By using VR1651, adjust DC voltage to $15.5 \pm 0.1V$ DC.

Following test point and adjustment are located on ass'y main.

3. DC adjustment

Equipment Digital voltmeter
Input mode Computer
Input signal 16 Step gray scale signal
Picture condition Normal

3-1. R-DC adjustment

Connections TP511 and Chassis ground
Adjustment By using VR501, adjust DC voltage to $7.0 \pm 0.1V$ DC.

3-2. G-DC adjustment

Connections TP512 and Chassis ground
Adjustment By using VR531, adjust DC voltage to $7.0 \pm 0.1V$ DC.

3-3. B-DC adjustment

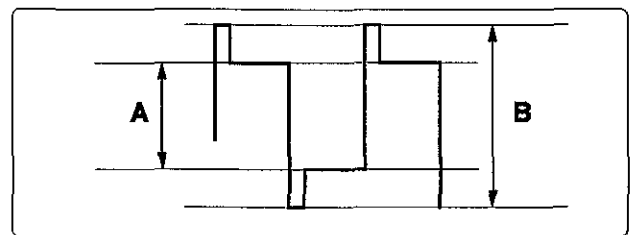
Connections TP513 and Chassis ground
Adjustment By using VR561, adjust DC voltage to $7.0 \pm 0.1V$ DC.

4. PSIG adjustment

Equipment Oscilloscope
Connections TP2501 and Chassis ground
Input mode Computer
Input signal 16 Step gray scale signal
Picture condition Normal

Adjustments ;

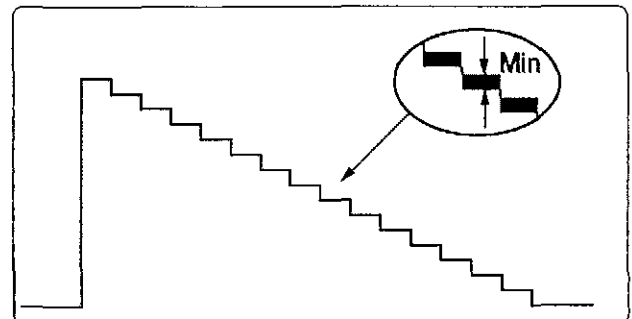
1. By using VR452, adjust amplitude A to be $3.8 \pm 0.1V$ P-P.
2. By using VR451, adjust amplitude B to be $10.0 \pm 0.1V$ P-P.



5. A/D input adjustment

Equipment Oscilloscope
Connections TP2202 and Chassis ground
Input mode Computer
Input signal 16 Step gray scale signal
Picture condition Normal

Adjustment: By using VR281, adjust the amplitude of the noise level to minimum level.



■ 5A. Pedestal level Adjustment

Equipment Oscilloscope
Input signal 16 Step gray scale signal
Picture condition Normal
Input mode AV

☆ 5A-1. Pedestal adjustment (Composite)

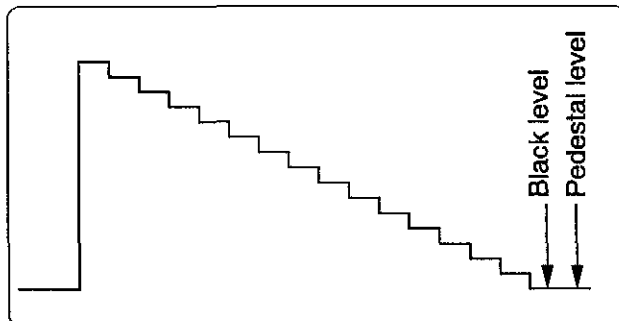
Input signal Composite video
Connections TP1101G TP1101R TP1101B
Adj. Data no. "23"(G) "24"(R) "25"(B)
Adjust each black and pedestal level to be same level.

☆ 5A-2. Pedestal adjustment (Component-480p)

Input signal Component-480p
Connections TP1101G TP1101R TP1101B
Adj. Data no. "23"(G) "24"(R) "25"(B)
Adjust each black and pedestal level to be same level.

☆ 5A-3. Pedestal adjustment (Component-1080i)

Input signal Component-1080i
Connections TP1101G TP1101R TP1101B
Adj. Data no. "23"(G) "24"(R) "25"(B)
Adjust each black and pedestal level to be same level.



■ 6. Video gain adjustment

Equipment Oscilloscope
Input signal 16 Step gray scale signal
Picture condition Normal

□ 6-1. CG gain adjustment Green

Connections TP2202 and chassis ground
Input mode Computer
Adjustment; By using VR2201, adjust amplitude A to be $1.10 \pm 0.05V$ P-P.

□ 6-2. AV gain adjustment

Input mode AV

☆ 6-2-1. AV gain adjustment (Composite)

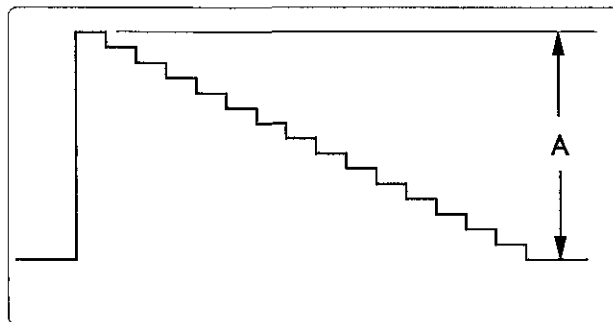
Input signal Composite video
Connections TP2202(G) TP2201(R) TP2203(B)
Adj. Data no. "16"(G) "17"(R) "18"(B)
Adjust each adjustment for $1.00 \pm 0.05V$ P-P.

☆ 6-2-2. AV gain adjustment (Component-480p)

Input signal Component-480p
Connections TP2202(G) TP2201(R) TP2203(B)
Adj. Data no. "16"(G) "17"(R) "18"(B)
Adjust each adjustment for $1.00 \pm 0.05V$ P-P.

☆ 6-2-3. AV gain adjustment (Component-1080i)

Input signal Component-1080i
Connections TP2202(G) TP2201(R) TP2203(B)
Adj. Data no. "16"(G) "17"(R) "18"(B)
Adjust each adjustment for $1.00 \pm 0.05V$ P-P.



■ 7. Gamma off video adjustment

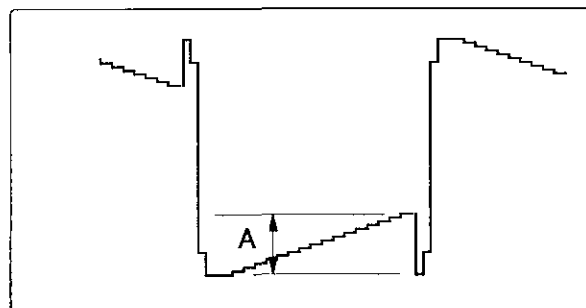
Equipment Oscilloscope
Input signal 16 Step gray scale signal
Picture condition Normal
Connections TP512 and chassis ground

□ 7-1. CG video adjustment Green

Input signal and mode Computer
Adjustment Set service mode. Select Data no. "07".
By using VOLUME + - buttons, adjust amplitude A to be $1.30 \pm 0.05V$ P-P.

□ 7-2. AV video adjustment Green

Input signal Composite video
Input mode AV(Composite)
Adjustment Set service mode. Select Data no. "07".
By using VOLUME + - buttons, adjust amplitude A to be $1.30 \pm 0.05V$ P-P.



■ 8. CG video adjustment

Equipment Oscilloscope
Input mode Computer
Input signal 16 Step gray scale signal
Picture condition Normal

□ 8-1. CG video adjustment

☆ 8-1-1. CG video adjustment Green-1

Connections TP512 and chassis ground
Adjustment Set service mode. Select Data no."02".
By using VOLUME + - buttons, adjust amplitude A to be $1.40 \pm 0.2V$ P-P.
Select Data no."00". By using VOLUME + - buttons, adjust amplitude B to be $3.90 \pm 0.05V$ P-P.

☆ 8-1-2. CG video adjustment Red

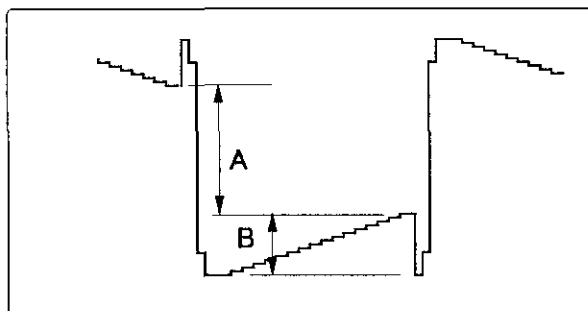
Connections TP511 and chassis ground
Adjustment Set service mode. Select Data no."0C". By using VOLUME + - buttons, adjust amplitude B to be $3.90 \pm 0.05V$ P-P.

☆ 8-1-3. CG video adjustment Blue

Connections TP513 and chassis ground
Adjustment Set service mode. Select Data no."0E". By using VOLUME + - buttons, adjust amplitude B to be $3.90 \pm 0.05V$ P-P.

□ 8-2. CG video adjustment Green-2

Connections TP512 and chassis ground
Adjustment Set service mode. Select Data no."02". By using VOLUME + - buttons, adjust amplitude A to be $1.90 \pm 0.05V$ P-P.



■ 9. AV video adjustment

Equipment Oscilloscope
Input signal 16 Step gray scale signal
Input mode AV
Picture condition Normal

□ 9-1. AV video adjustment

☆ 9-1-1. AV video adjustment Green-1

Connections TP512 and chassis ground
Adjustment Set service mode. Select Data no."02".
By using VOLUME + - buttons, adjust amplitude A to be $1.40 \pm 0.2V$ P-P.
Select Data no."00". By using VOLUME + - buttons, adjust amplitude B to be $3.90 \pm 0.05V$ P-P.

☆ 9-1-2. AV video adjustment Red

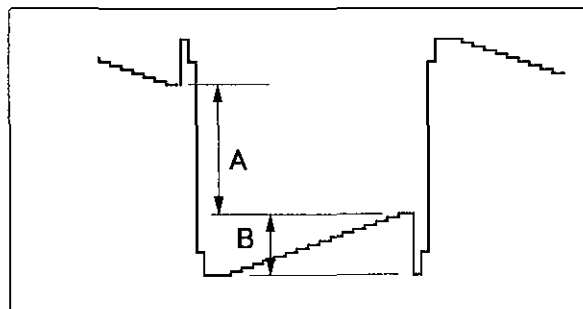
Connections TP511 and chassis ground
Adjustment Set service mode. Select Data no."0C". By using VOLUME + - buttons, adjust amplitude B to be $3.90 \pm 0.05V$ P-P.

☆ 9-1-3. AV video adjustment Blue

Connections TP513 and chassis ground
Adjustment Set service mode. Select Data no."0E". By using VOLUME + - buttons, adjust amplitude B to be $3.90 \pm 0.05V$ P-P.

□ 9-2. AV video adjustment Green-2

Connections TP512 and chassis ground
Adjustment Set service mode. Select Data no."02". By using VOLUME + - buttons, adjust amplitude A to be $2.00 \pm 0.05V$ P-P.



10. White balance adjustment

Input signal 16 Step gray scale signal
Picture condition Normal

Adjustments:

□ 10-1. White balance adjustment CG

Input mode and signal Computer
Set service mode. Adjust the white balance, by using data no. "03"(Red) and "04"(Blue).

□ 10-2. White balance adjustment AV

Input mode and signal AV
Set service mode. Adjust the white balance, by using data no. "03"(Red) and "04"(Blue).

NOTE;

■ Adjust the white balance of Computer and AV mode to the same level.

■ Chromaticity coordinates(Color Temp.)
X=0.290 Y=0.330

11. White balance adjustment dark

Input mode AV
Input signal 16 Step gray scale signal
Picture condition Normal

☆ 11-1. AV white balance (Composite)

Input signal Composite video
Adjustment;

Set service mode. Adjust the white balance of 16 Step gray scale dark side, by using data no. "24"(Red) and "25"(Blue).

☆ 11-2. AV white balance (Component-480p)

Input signal Component-480p
Adjustment;

Set service mode. Adjust the white balance of 16 Step gray scale dark side, by using data no. "24"(Red) and "25"(Blue).

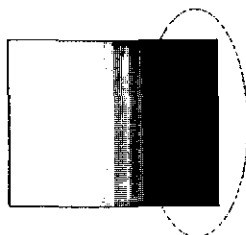
☆ 11-3. AV white balance (Component-1080i)

Input signal Component-1080i
Adjustment;

Set service mode. Adjust the white balance of 16 Step gray scale dark side, by using data no. "24"(Red) and "25"(Blue).

Note : Adjustment range must lower than ± 2 steps.

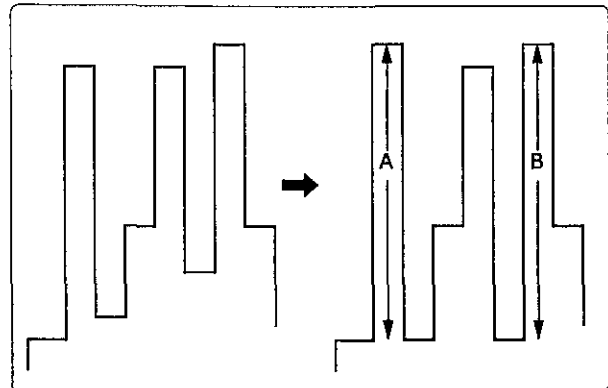
Dark side of 16 Step gray scale



12. Sample hold clock adjustment

Equipment Oscilloscope
Connections TP512 and chassis ground
Input mode Computer
Input signal 16 Step gray scale or 100% white signal
Picture condition Normal
Pre condition *Set value of the data no. "09" to be "0001".
Set value of the data no. "0A" to be "0020".

Adjustment Set service mode.
Select Data no. "0A".
By using VOLUME + - buttons, adjust amplitude A and B to maximum level.



13. Common center adjustment

Input signal 16 Step gray scale computer signal
Input mode Computer
Picture condition Normal

Adjustments: Set service mode.

RED Cover the G and B panel to cut the light transit.

Select Data no. "020".
By using VOLUME + - buttons, adjust flicker to minimum level on picture.

GREEN Cover the R and B panel to cut the light transit.

Select Data no. "021".
By using VOLUME + - buttons, adjust flicker to minimum level on picture.

BLUE Cover the R and G panel to cut the light transit.

Select Data no. "022".
By using VOLUME + - buttons, adjust flicker to minimum level on picture.

14. CORRECTION OF UNEVEN COLOR

- When the white or gray picture projected is uneven in color, or after the LCD panel is replaced, correct the unevenness of color as follows.

(The Correction data is memorized in the IC481 of the Main Unit. If the IC481 is replaced from the Main Unit to the new one when replacing the Unit, color correction is unnecessary.)

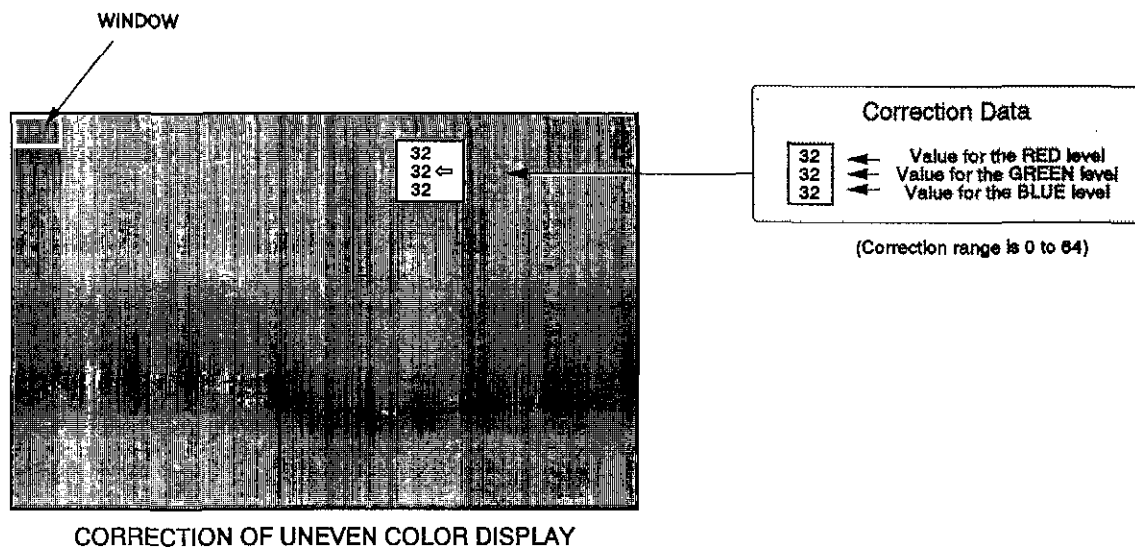
BEFORE OPERATION

- Set both the Ceiling and the Rear function of the SETTING menu on the ON-SCREEN menu to "Off."
- Turn the projector into Service mode, and set the Data No. to "0CA" and Data value to "00FA" to make the Correcting operation effective.
- When replacing 2 LCD panels or more, the Correction data needs to be initialized.
Set the Data No. to "0C1" and Data value to "0009" in Service mode by pressing VOLUME (+) button on the projector. And then, press VOLUME (+) button again to initialize the Correction data. (The each value of the correction data turns into "32.")
CAUTION : Don't press VOLUME (-) button when the Data No. is "0C1."

CONDITION FOR CORRECTION

Input mode AV or Computer
Input signal unnecessary
Picture condition Normal

- Turn the projector into Service mode, and set the Data No. to "0C0."
- Press the VOLUME (+) or (-) button on the projector, and the pattern for correction of uneven color is displayed as follows.



- Press the POINT UP / DOWN / LEFT / RIGHT buttons on the projector to move the WINDOW where to correct.
- Adjust the White-Balance in the window on the screen with the following control buttons.
Press the SELECT button on the projector to move the arrow where(Red, Green or Blue) to correct
Press the VOLUME (+) (-) buttons on the projector to adjust the White Balance.
- Press the MENU button on the projector to turn back to the Data No. 0C0 display in the Service mode.

Optical Adjustment

Before optical adjustment

1. Adjustment requires allen wrenches, ball allen wrenches, spanner wrenches and slot screwdrivers sets.
2. Set the lens-shift to be center position.
3. Input-signal requires color white, green, red, blue, cyan and yellow each grid and 100% raster signals.

Focus Adjustment

When you replace all of LCD panels such as disassembly cleaning, etc., first adjust the G-LCD panel as the standard reference, after that, adjust the R-LCD panel and B-LCD panel focus adjustments.

When you replaced one of LCD panels, adjust only the replaced LCD panel focus to put the un-replaced LCD panels focus.

[G-FOCUS ADJUSTMENT]

1. Input Green grid signal.
2. Press the ZOOM (▼) button, (to reduce image size) and press the FOCUS (FAR) or (NEAR) button to the center of screen is in sharp focus.
3. Press the ZOOM (▲) button, (to increase image size).
4. Loosen the 4 screws "A" with the 2.0mm hex driver (Fig.1a).
5. Insert the slot type screwdriver in the slots ①, ② and ③/④ (Fig.1a) and gently turn the screwdriver until the each corner of screen is in sharp focus. The relation of adjustment points and screen corners are indicated with ①, ②, ③ and ④ shown in Fig.1a and Fig.2.
6. Press the ZOOM (▼) button, (to reduce image size) and check to see sharp focus is retrained. If it is in sharp focus, adjustment is completed. If not, repeat steps 2 to 6.
7. Tighten the 4 screws "A" and securely attach the Green panel unit.

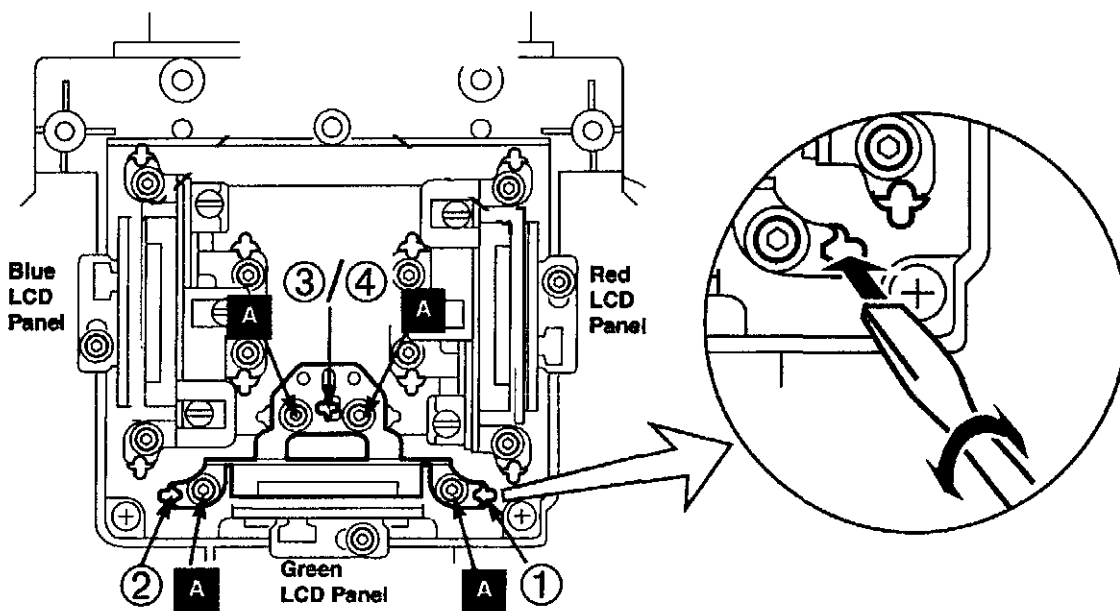


Fig.1a

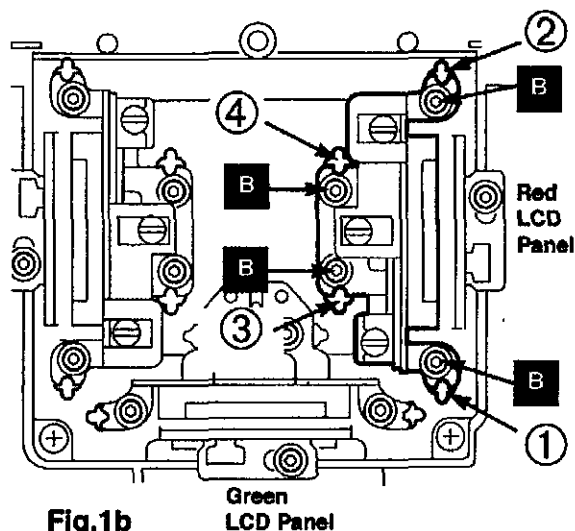


Fig.1b

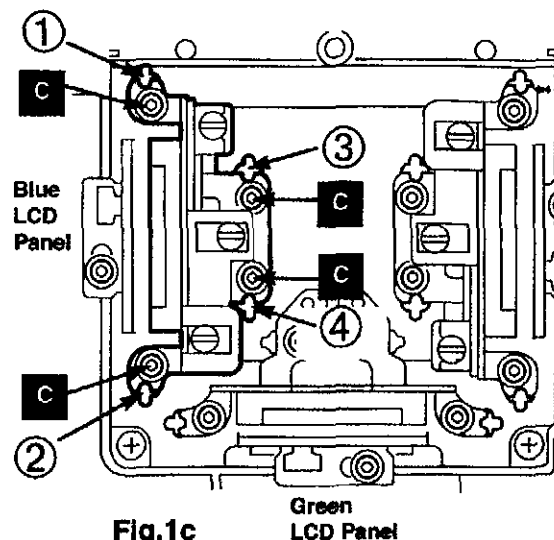


Fig.1c

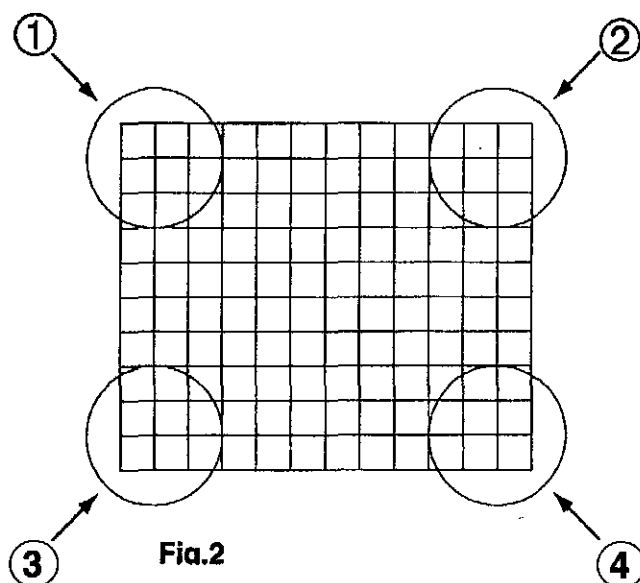


Fig.2

The numbers indicate the focus effective part when moving the numbered adjusting slots on Fig.1.

[R-FOCUS ADJUSTMENT]

1. Input Green grid signal..
2. Press the ZOOM (▲) button, (to increase image size) and press the FOCUS (FAR) or (NEAR) button to make a picture in sharp focus.
3. Input Red grid signal.
4. Loosen the 4 screws "B" with the 2.0mm hex driver, see Fig.1b.
5. Insert the slot type screwdriver in the slots ①, ②, ③ and ④ (Fig.1b) and gently turn the screwdriver until the each corner of screen is in sharp focus. The relation of adjustment points and screen corners are indicated with ①, ②, ③ and ④ shown in Fig.1b and Fig.2.
6. Tighten the 4 screws "B" and securely attache the Red panel unit.

[B-FOCUS ADJUSTMENT]

1. Input Green grid signal..
2. Press the ZOOM (▲) button, (to increase image size) and press the FOCUS (FAR) or (NEAR) button to make a picture in sharp focus.
3. Input Blue grid signal.
4. Loosen the 4 screws "C" with the 2.0mm hex driver, see Fig.1c.
5. Insert the slot type screwdriver in the slots ①, ②, ③ and ④ (Fig.1c) and gently turn the screwdriver until the each corner of screen is in sharp focus. The relation of adjustment points and screen corners are indicated with ①, ②, ③ and ④ shown in Fig.1c and Fig.2.
6. Tighten the 4 screws "C" and securely attache the Blue panel unit.

Convergence Adjustment

For convergence adjustment, use Green as the reference standard. Align Red and Blue with Green by adjusting the position and angle of the Red and Blue LCD panel units. Screws "A", "B", "C" (Fig.6, 7) are for convergence adjustment.

[Before adjustment]

- Make sure each Red, Green and Blue LCD panel unit has been correctly installed, and that all focus adjustments have been completed before performing convergence adjustments.

Image Movement and Screw Turning

1. Adjustment screw "A" turns the image.
2. Adjustment screw "B" moves the image right and left.
3. Adjustment screw "C" moves the image up and down (Fig.6).

Red (or Blue) Panel convergence Adjustment

1. Input Yellow (or Cyan) color grid signal.
2. Loosen the 2 screws "D" (Fig. 6) using the 5.5mm spanner wrench.
3. Turn the lines of convergence to be parallel to Green grid pattern by adjusting screw "A". FIG.3
4. Move the lines of convergence horizontally to be matched with Green grid pattern by adjusting screw "B". FIG.4
5. Adjust the lines to be completely matched with Green grid pattern by taking step 3 and 4.
6. Move the lines of convergence vertically to be matched with Green grid pattern by adjusting screw "C". FIG.5
7. Adjust the lines to be completely matched with Green grid pattern by taking step 3 and 6.
8. Tighten the 2 screws "D" (previously loosened in step 2 above) with the 5.5mm spanner wrench.
9. After tightening the screws, check convergence. If not aligned, repeat steps 2 through 8 above.

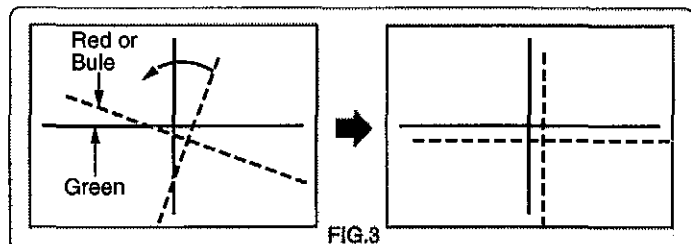


FIG.3

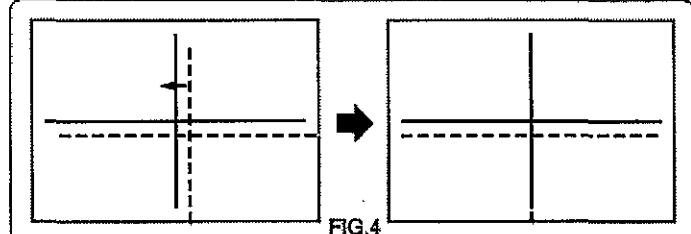


FIG.4

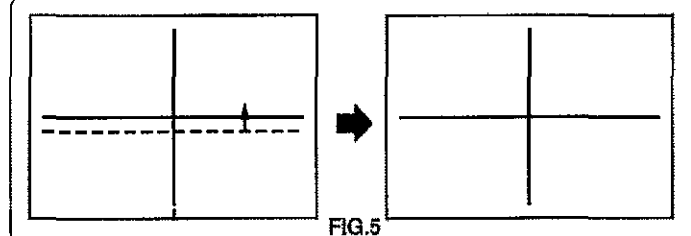


FIG.5

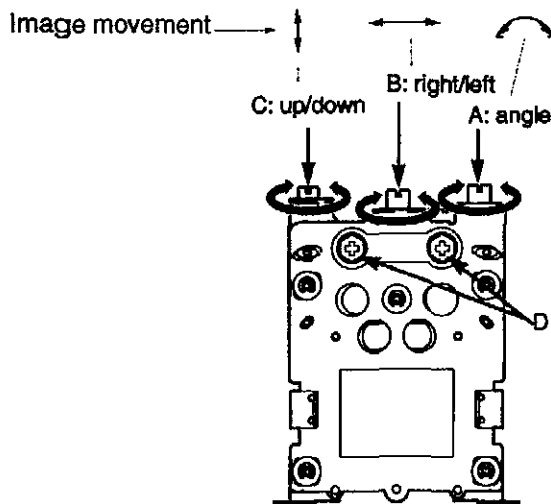


Fig.6

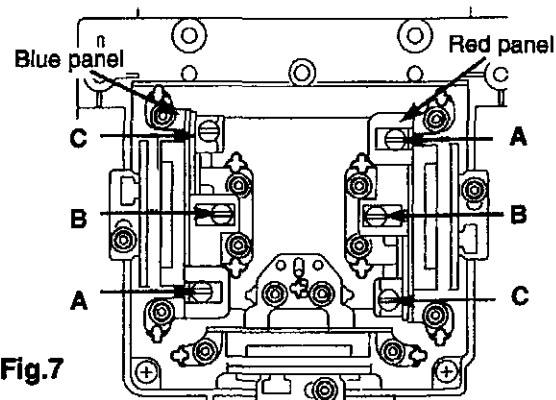


Fig.7

Integrator Lens Adjustment

Fig.8-1

Moving of slot A

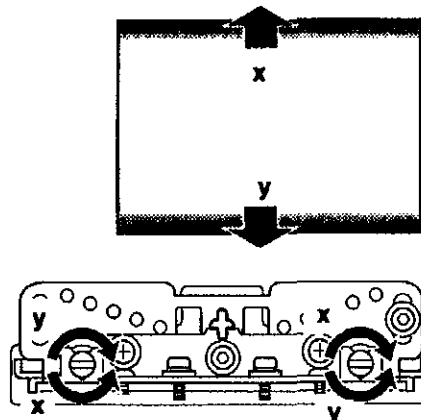
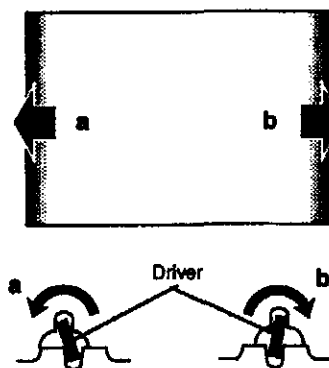


Fig.8-2

Moving of screws C

[ADJUSTMENT]

1. Turn on lamp.
2. Set the size of a screen in about 40 inches.
3. Input Green 100% raster signal, and make a fine focus.
4. Input Yellow 100% raster signal.
5. Loosen 3 screws "B" with the 2.0mm hex driver(Fig.9)
6. Adjust the adjustment base of integrator lens ass'y to make color uniformity in yellow.
 - 1) If the un-uniform color appears on the left or right of the screen as shown in Fig.8-1, adjust a slot "A" to make color uniformity in yellow by using a slot screwdriver.
 - 2) If the un-uniform color appears on the top or bottom of the screen as shown in Fig.8-2, adjust the 2 screws "C" to make color uniformity in yellow.
7. Tighten the 3 screws "B" to fix the integrator lens unit.

Note:

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

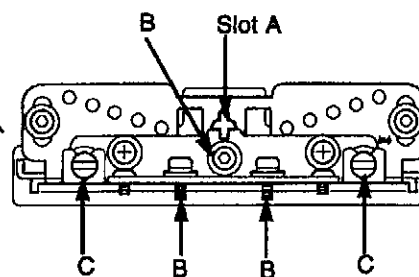


Fig.9

Relay Lens Adjustment

[ADJUSTMENT]

1. Turn on lamp. Input white 100% raster signal.
2. Set the size of a screen in about 40 inches.
3. Adjust the adjustment base of relay lens ass'y to make color uniformity in white.
 - 1) If the un-uniform color appears on the left or right of the screen as shown in Fig.10-1, loosen a screw "C" with the 2.5mm hex driver(Fig.11) and adjust the slot "D" to make color uniformity in white by using a slot screwdriver.
 - 2) If the un-uniform color appears on the top or bottom of the screen as shown in Fig.10-2, loosen 2 screws "A" with the 2.5mm hex driver(Fig.11) and adjust the screw "B" to make color uniformity in white.
4. Tighten the 2 screws "A" and screw "C" to fix the relay lens unit.

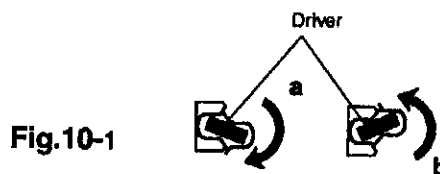
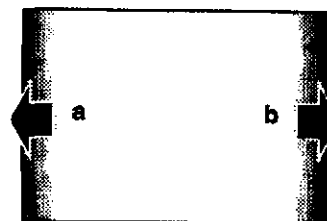


Fig.10-1

Moving of slot D

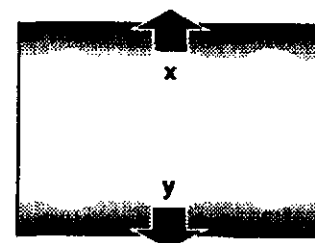


Fig.10-2

Moving of screw B

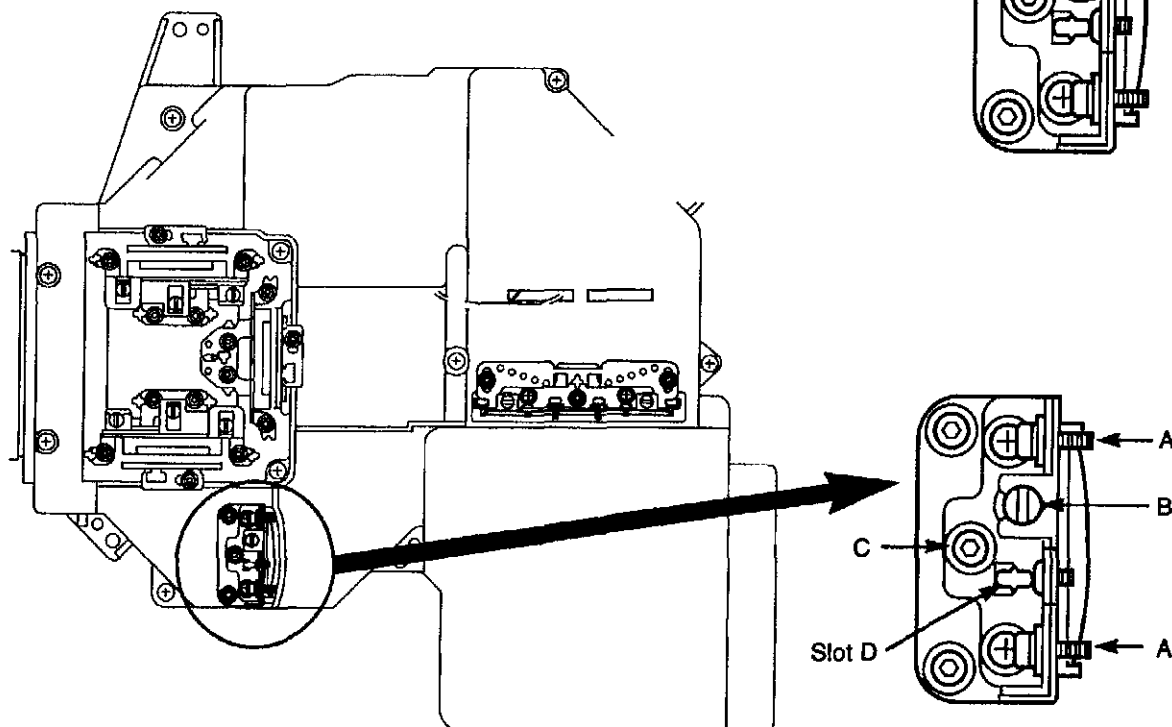
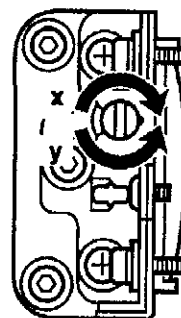


Fig.11

Polarized Glass Adjustment

[Before Adjustment]

- Input a 100% of black raster signal.

R/G/B Polarized glass adjustment

1. Loosen a screw "A" (Fig. 12) on the polarized glass mounting base which you intend to adjust.
2. Turn the polarized glass mounting base as shown in Fig.14, adjust the lowest level in black.
3. Tighten the screw "A" to fix the polarized glass mounting base.

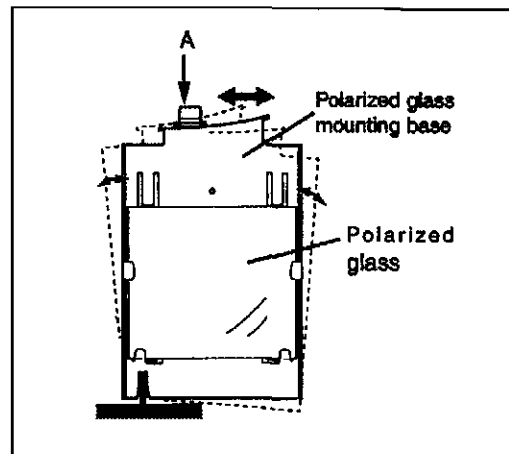


Fig. 14

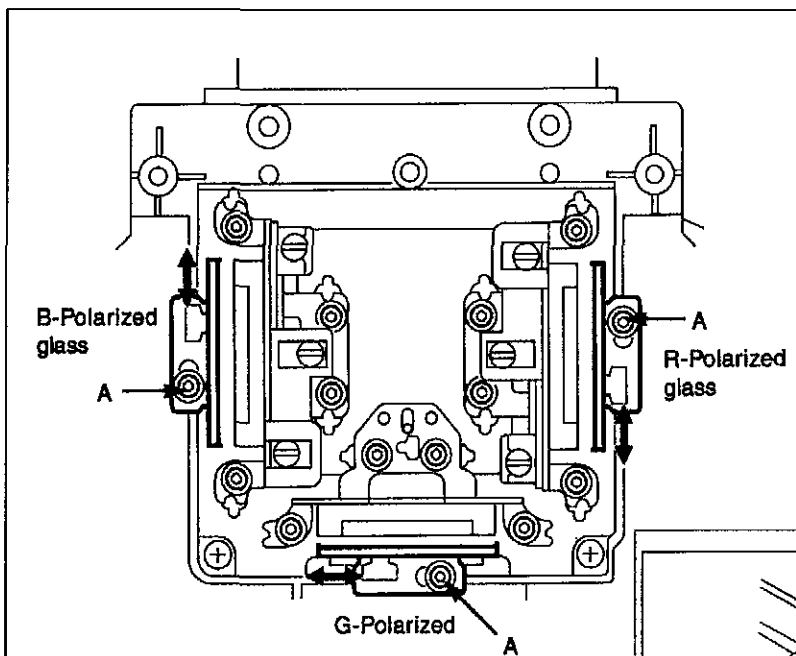
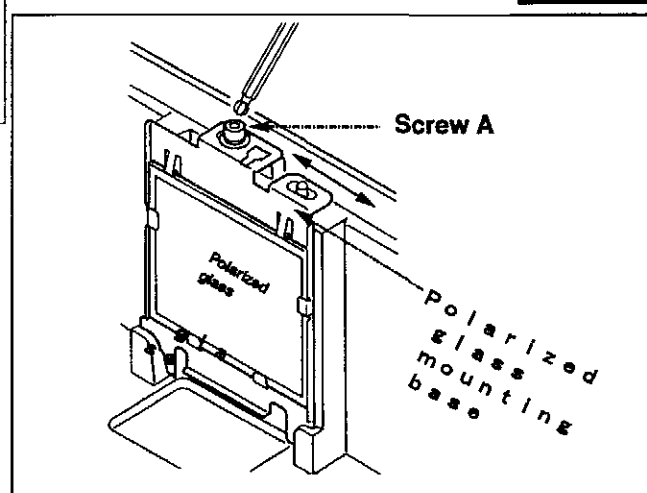


Fig. 13

Fig. 12



CPU INPUT/OUTPUT PORT FUNCTIONS

PIN NO.	FUNCTION NAME	FUNCTION	POLARITY	IN/OUT
1	---	---		
2	PS2 EN	PROGRESSIVE SCAN ENABLE	ACTIVE H	OUT
3	SCL 2	IIC BUS 2 CLOCK		IN/OUT
4	SDA 2	IIC BUS 2 DATA		IN/OUT
5	---	---		
6	VSS	VSS GND		
7	---	---		
8	ADDRESS 1	ADDRESS BUS 1		OUT
9	ADDRESS 2	ADDRESS BUS 2		OUT
10	ADDRESS 3	ADDRESS BUS 3		OUT
11	ADDRESS 4	ADDRESS BUS 4		OUT
12	VCC	VCC 5V		
13	ADDRESS 5	ADDRESS BUS 5		OUT
14	VSS	VSS GND		
15	ADDRESS 6	ADDRESS BUS 6		OUT
16	ADDRESS 7	ADDRESS BUS 7		OUT
17	ADDRESS 8	ADDRESS BUS 8		OUT
18	ADDRESS 9	ADDRESS BUS 9		OUT
19	ADDRESS 10	ADDRESS BUS 10		OUT
20	ADDRESS 11	ADDRESS BUS 11		OUT
21	ADDRESS 12	ADDRESS BUS 12		OUT
22	ADDRESS 13	ADDRESS BUS 13		OUT
23	ADDRESS 14	ADDRESS BUS 14		OUT
24	ADDRESS 15	ADDRESS BUS 15		OUT
25	ADDRESS 16	ADDRESS BUS 16		OUT
26	VCC	VCC 5V		
27	ADDRESS 17	ADDRESS BUS 17		OUT
28	VSS	GND		
29	SCL 1	IIC BUS 1 CLOCK		IN/OUT
30	SDA 1	IIC BUS 1 DATA		IN/OUT
31	RAS	DRAM-RAS SIGNAL OUTPUT	ACTIVE L	OUT
32	CASL	DRAM-CAS SIGNAL OUTPUT	ACTIVE L	OUT
33	SYS SW	IC ON/OFF SWITCH	L=ON, H=OFF	OUT
34	AFT-V	V-SYNC INPUT (LCD PANEL DRIVE)	ACTIVE L	IN
35	VSS	VSS GND		
36	BF-V	V-SYNC INPUT	ACTIVE L	IN
37	ADDRESS 18	ADDRESS BUS 18		OUT
38	ADDRESS 19	ADDRESS BUS 19		OUT
39	ADDRESS 20	ADDRESS BUS 20		OUT
40	VCC	VCC 5V		
41	ADDRESS 21	ADDRESS 21		OUT
42	VSS	VSS GND		
43	READ	READ SIGNAL (OUTPUT)	ACTIVE L	OUT
44	WDT	---		OUT
45	DATA 31	DATA BUS 31		IN/OUT
46	DATA 30	DATA BUS 30		IN/OUT
47	WRH	WRIGHT SIGNAL H-8BIT	ACTIVE L	OUT
48	WRL	WRIGHT SIGNAL L-8BIT	ACTIVE L	OUT
49	CS1	BGA CHIP SELECT	ACTIVE L	OUT
50	CS0	FLASH MEMORY CHIP SELECT	ACTIVE L	OUT

CPU INPUT/OUTPUT PORT FUNCTIONS

PIN NO.	FUNCTION NAME	FUNCTION	POLARITY	IN/OUT
51	CAL-END	FPGA END SIGNAL IN	H=END	IN
52	FPGA CONT	FPGA CONTROL	H=ON	OUT
53	CS3	SRAM CHIP SELECT	Active L	OUT
54	CS2	USB/LCD DRIVER CHIP SELECT	Active L	OUT
55	VSS	VSS GND		
56	DATA 29	DATA BUS 29		IN/OUT
57	DATA 28	DATA BUS 28		IN/OUT
58	DATA 27	DATA BUS 27		IN/OUT
59	DATA 26	DATA BUS 26		IN/OUT
60	DATA 25	DATA BUS 25		IN/OUT
61	VSS	VSS GND		
62	DATA 24	DATA BUS 24		IN/OUT
63	VCC	VCC 5V		
64	DATA 23	DATA BUS 23		IN/OUT
65	DATA 22	DATA BUS 22		IN/OUT
66	DATA 21	DATA BUS 21		IN/OUT
67	DATA 20	DATA BUS 20		IN/OUT
68	DATA 19	DATA BUS 19		IN/OUT
69	DATA 18	DATA BUS 18		IN/OUT
70	DATA 17	DATA BUS 17		IN/OUT
71	VSS	VSS GND		
72	DATA 16	DATA BUS 16		IN/OUT
73	DATA 15	DATA BUS 15		IN/OUT
74	DATA 14	DATA BUS 14		IN/OUT
75	DATA 13	DATA BUS 13		IN/OUT
76	DATA 12	DATA BUS 12		IN/OUT
77	VCC	VCC 5V		
78	DATA 11	DATA BUS 11		IN/OUT
79	VSS	VSS GND		
80	DATA 10	DATA BUS 10		IN/OUT
81	DATA 9	DATA BUS 9		IN/OUT
82	DATA 8	DATA BUS 8		IN/OUT
83	DATA 7	DATA BUS 7		IN/OUT
84	DATA 6	DATA BUS 6		IN/OUT
85	VCC	VCC 5V		
86	DATA 5	DATA BUS 5		IN/OUT
87	VSS	VSS GND		
88	DATA 4	DATA BUS 4		IN/OUT
89	DATA 3	DATA BUS 3		IN/OUT
90	DATA 2	DATA BUS 2		IN/OUT
91	DATA 1	DATA BUS 1		IN/OUT
92	DATA 0	DATA BUS 0		IN/OUT
93	VSS	VSS GND		
94	XTAL	XTAL OSC SIGNAL INPUT		IN
95	MODE 3	MODE 3		IN
96	EXTAL	EXTAL OSC SIGNAL OUTPUT		OUT
97	MODE 2	MODE 2		IN
98	NONMASK	NONMASK		IN
99	FWP	FWP FLASH MEMORY WRIGHT MODE		IN
100	FLASH MODE	FWP CONTROL		OUT

CPU INPUT/OUTPUT PORT FUNCTIONS

PIN NO.	FUNCTION NAME	FUNCTION	POLARITY	IN/OUT
101	---	---		IN
102	MODE 1	MODE 1		IN
103	MODE2	MODE2		
104	PLL VCC	VCC PLL		
105	PLL CAP	PLL FILTER		
106	GND PLL	GND PLL		
107	M CLK	CPU CLOCK OUT (FPGA)		OUT
108	RESET	RESET	Active L	IN
109	IRO STB	IRO STB Uneven color correction	Active L	OUT
110	PRO ST	PROGRESSIVE SCAN STROBE	Active H	OUT
111	KCPU	KCPU OSD DMA	Active L	IN
112	VCC	VCC 5V		
113	MOTOR EN	MOTOR ENABLE	L=ENABLE	OUT
114	SCDT	DIGITAL INPUT MONITOR	L=NO SIGNAL	IN
115	EXP STB1	I/O EXPANDER 1 STROBE	Active L	OUT
116	EXP STB2	I/O EXPANDER 2 STROBE	Active L	OUT
117	VSS	VSS GND		
118	KEY IN 1 (A/D)	TOP CONTROLS KEY INPUT 1 (A/D)		IN
119	KEY IN 2 (A/D)	TOP CONTROLS KEY INPUT 2 (A/D)		IN
120	KEY IN 3 (A/D)	TOP CONTROLS KEY INPUT 3 (A/D)		IN
121	LOGO MARK	LOGO MARK		IN
122	LAMP DET.	LAMP MONITOR DETECT SIGNAL	H = Abnormal	IN
123	---	---		IN
124	VSS	VSS GND		
125	PO FAIL	POWER FAIL SIGNAL INPUT	L = Abnormal	IN
126	---	---		
127	AV-REF	5V AV-REF		
128	AVCC	5V AVCC		
129	VSS	VSS GND		
130	EXP DATA IN	I/O EXPANDER DATA IN		IN
131	EXP DATA OUT	I/O EXPANDER DATA OUTPUT		OUT
132	EXP CLK OUT	I/O EXPANDER CLOCK OUTPUT		OUT
133	RX	RS232C RX INPUT	IN	IN
134	TX	RS232C TX OUTPUT		OUT
135	VCC	VCC 5V		
136	S/H STB	S/H STB		
137	DAC STB	DAC STROBE	Active L	OUT
138	IC RESET	IC RESET (Gate array power on/off)	Active H	OUT
139	SDATA OUT	SERIAL DATA OUT		OUT
140	SCLK	SERIAL CLOCK OUT		OUT
141	VSS	VSS GND		
142	RESET OUT	I/O EXPANDER & USB CPU RESET	Active L	OUT
143	R/C	REMOTE CONTROL SIGNAL INPUT	Active L	IN
144	LAMP SW	LAMP ON/OFF SIGNAL OUTPUT	H=ON	OUT

CPU INPUT/OUTPUT PORT FUNCTIONS

I/O EXPANDER IC809

PIN NO.	FUNCTION NAME	FUNCTION	POLARITY	IN/OUT
1	SDOUT	SERIAL DATA OUTPUT		OUT
2	SDIN	SERIAL DATA INPUT		IN
3	SDCLK	SERIAL DATA CLOCK		OUT
4	CHIP SEL	CHIP SELECT		IN
5	VCC	VCC 5V		
6	RESET	RESET SIGNAL INPUT		IN
7	VSS	VSS GND		
8	SILENT FAN	Fan control signal	H : Normal speed	OUT
9	HIGHLAND FAN	Not used	L : High speed only H	OUT
10	FOCUS -	FOCUS PHASE SW		OUT
11	FOCUS +	FOCUS MOTOR ON/OFF SW	H=MOTOR ON	OUT
12	ZOOM -	ZOOM PHASE SW (WIDE/TELE SW)		OUT
13	ZOOM +	ZOOM MOTOR ON/OFF SW	H=MOTOR ON	OUT
14	CPU MOUSE 1	CPU MOUSE CONTROL SIGNAL 1	L=CPU, H=MOUSE	OUT
15	CPU MOUSE 2	CPU MOUSE CONTROL SIGNAL 2	L=CPU, H=MOUSE	OUT
16	VSS	VSS GND		
17	HDTV_720P	HDTV_720P Switch	H=720P(AV)	OUT
18	---	---		
19	CG/AV	CG/AV SELECT SIGNAL OUT	L=CG, H=AV	OUT
20	CG1/CG2	CG1/CG2 SELECT SIGNAL OUT	L=CG1, H=CG2	OUT
21	Turbo out	Not used	Only H	OUT
22	DSCAN OUT	DSCAN OUT		OUT
23	CG/HD SW	CG/HD SWITCH		
24	---	---		
25	NOR/PRSC	PROGRESSIVE SCAN SELECT	L=PROGRESSIVE SCAN	OUT
26	POWER	POWER LED ON/OFF		OUT
27	FAN DRIVE	POWER ON/OFF SIGNAL	H=ON	OUT
28	AUDIO MUTE	AUDIO MUTE	H=MUTE ON	OUT
29	FILTER SW	FILTER SW	L=FILTER OFF	OUT
30	HDTV_480P	Progressive scan Switch	L=480P575P720P(AV)	OUT
31	PS RST	Progressive scan reset		
32	---	---		

I/O EXPANDER IC810

PIN NO	FUNCTION NAME	FUNCTION	POLARITY	IN/OUT
1	SDOUT	SERIAL DATA OUTPUT		OUT
2	SDIN	SERIAL DATA INPUT		IN
3	SDCLK	SERIAL DATA CLOCK		OUT
4	CHIP SEL	CHIP SELECT		IN
5	VCC	VCC 5V		
6	RESET	RESET SIGNAL INPUT		IN
7	VSS	VSS GND		
8	S-SW	S-VIDEO DETECT	L=S-VIDEO IN	IN
9	PAL M/N	PAL M/N		
10	WARNING	WARNING TEMP. LED	L=ON, H=OFF	OUT
11	LAMP REP	LAMP REPLACE LED	L=ON, H=OFF	OUT
12	READY	READY LED	L=ON, H=OFF	OUT
13	NTSC/PAL SW	NTSC/OTHER SW		
14	Y/Cb/Cr IN	COMPONENT DET. IN		
15	COMPONENT SW	COMPONENT SW	L=COM, H=OTHER	
16	VSS	VSS GND		
17	INT SW	Not used (INT SW)		
18	SG RAM RESET	SG RAM RESET	L=RESET	OUT
19	OSD RESET	OSD RESET	L=RESET	OUT
20	RSTP	DRAM READ CONTROL		OUT
21	SG BUS CONT	SG BUS CONT BGA-SGRAM		OUT
22	V-SYNC DET.	V-SYNC DETECT (C-SYNC)	L=NO SYNC SIGNAL	IN
23	S-SW OUT	S-SWITCH		
24	TEMP DET.	Not used (Warning temp. detect signal)	H=NORMAL	IN
25	---	---		
26	FREEZE	EXTERNAL FREEZE		OUT
27	SECAM ID	SECAM ID DET.		
28	Turbo sw	Not used	Only L	IN
29	AUDI SW 1	AUDI SW 1		
30	AUDI SW 2	AUDI SW 2		
31	Y DET	Y DET		
32	INT/NOINT	INT/NOINT		

CLEANING METHODS

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

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 considerable 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 unit.
2. Remove integrator lens unit and relay lens unit, and then the optical base top following step 2 of "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.

MAINTENANCE

AIR FILTER CARE AND CLEANING

The removable air filter prevents dust from accumulating on the surface of the projection lens and projection mirror. Should the air filter become clogged with dust particles, it will reduce the cooling fan's effectiveness and may result in internal heat build up and reduce the life of the projector.

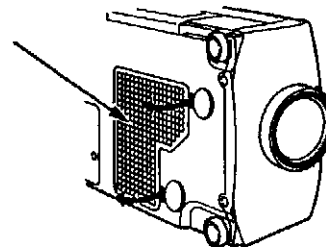
To clean the air filter, follow the cleaning procedures below:

1. Turn the POWER ON/OFF button OFF.
2. Remove the air filter cover.
3. Remove the air filter from the filter cover.
4. Clean the air filter with a vacuum cleaner.
5. Replace the air filter. Make sure that air filter cover is fully inserted.

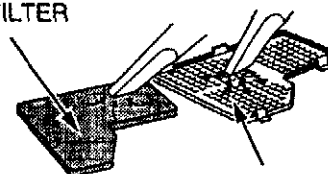


Do not clean with water. Doing so may damage the air filter.
Do not operate the projector with air filter removed.

AIR FILTER COVER



AIR FILTER



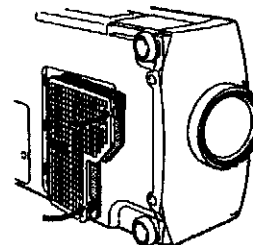
AIR FILTER COVER

RECOMMENDATION

TO ENJOY PICTURE IMAGE, USE THE PROJECTOR IN THE CLEAN ENVIRONMENT. USAGE IN THE CLEAN ENVIRONMENT IS RECOMMENDED.

When used under the dusty or smoky conditions, dust may accumulate on the liquid crystal panel and lens inside it, and may resultantly be projected on the screen together with the picture.

When the above symptoms are noticed contact the place where your authorized dealer or service station for the cleaning.



CLEANING THE PROJECTION LENS

Follow these steps to clean the projection lens:

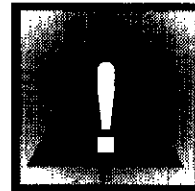
1. Apply a non-abrasive camera lens cleaner to a soft, dry cleaning cloth.
Avoid using an excessive amount of cleaner.
Abrasive cleaners, solvents or other harsh chemicals might scratch the lens.
2. Lightly wipe the cleaning cloth over the lens.
3. If you don't intend to use the projector immediately, replace the lens cover.

NOTES ON SCHEMATIC DIAGRAM

NOTES ON SCHEMATIC DIAGRAM

■ 1. PRODUCT SAFETY NOTICE

THE COMPONENTS DESIGNATED BY A MARK (Δ) IN THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A MARK NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.



■ 2. NOTES ON SCHEMATIC DIAGRAM

Specification of capacitor and resistors will be shown with coded symbols, reading code symbols following the chart and notes. Some capacitor and resistors will be shown directly with values and no other information. Detailed information on each capacitor and resistor will be shown in the list.

NOTE; DO NOT REPLACE OR ORDER RESISTOR AND CAPACITOR PARTS FOLLOWING THE SPECIFICATIONS SHOWN IN THE SCHEMATIC DIAGRAMS.

ALWAYS CHECK FOR THE CORRECT SPECIFICATIONS IN THE PARTS LIST. ESPECIALLY FOR CRITICAL COMPONENT MARKED Δ . SPECIAL ATTENTION MUST BE GIVEN TO CRITICAL COMPONENTS.

■ 3. READING IN SCHEMATIC DIAGRAM

Read resistor codes as follows:

1. All resistance values are indicated in ohms: K=1,000. M=1,000,000.
2. Resistor which is indicated with resistance value only are 1/6W carbon resistor. Resistor which is indicated with material tolerance and value are 1/4W rated wattage.

Read capacitor codes as follows:

1. For capacitors identified with $\pm$, values less than 1 are expressed in uF, values more than 1 are in pF.
2. For capacitors (electrolytic) identified with $\pm$, values are expressed in uF.

Voltage and waveforms were taken using a video color bar signal (1V p-p at 75 ohms terminated) and controls to normal.

Voltages were taken with a high-impedance voltmeter.

■ 4. SERVICE NOTES;

1. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8") from circuit board.
2. Keep wires away from high voltage and high temperature components.

NOTES ON SCHEMATIC DIAGRAM

Read description in the Capacitor and Resistor as follows:

Marked ④ (Revised Aug./2000)
(Revised May / 1998)

CAPACITOR

16 K K 0.47 BA

Characteristic
Rated value

Material :

C	CERAMIC	Temperature compensating ceramic
K	CERAMIC	High dielectric rate ceramic
B	CERAMIC	Semiconductor ceramic
Z	MT-PAPER	Metallized paper
F	POLYESTER	Polyester
G	MT-POLYEST	Metallized polyester
N	POLYPRO	Polypropylene
M	MT-POLYPRO	Metallized polypropylene
Y	COMPO FILM	Composite film
H	MT-COMPO	Metallized composite film
S	STYRENE	Styrol
T	TA-SOLID	Tantalum oxide solid electrolytic
A	AL-SOLID	Aluminum solid electrolytic
E	ELECT	Aluminum foil electrolytic
P	NP-ELECT	Non-polarized electrolytic
U	OS-SOLID	Aluminum solid capacitors with organic semiconductive electrolyte
V	POS-SOLID	Polymerized organic semiconductor
D	DL-ELECT	Electric double layer electrolytic
J	AL-SOLID	Aluminum manganese wind solid
L	PPS-FILM	Polyphenylene sulfide film
Q	MT-PPS-FILM	Metallized Polyphenylene sulfide film
R	MT-PEN-FILM	Metallized polyethylenenaphthalate film
④ W	EP-ELECT	Electric Conductor Polymerized Aluminum foil electrolytic
X	CAPACITOR	Other

Rated Voltage

Tolerance Symbols

Static capacitance of 10PF or less

A:	Non-designated
B:	±0.1PF
C:	±0.25PF
D:	±0.5PF
F:	±1PF
G:	±2PF
H:	+0.1 ~ -0PF
L:	+0 ~ -0.1PF
R:	+0.25 ~ -0PF
S:	+0 ~ -0.25PF
E:	+0 ~ -1PF
J:	±5%
K:	±10%
M:	±20%

Note: J, K, and M are used only for tubular Ceramic Capacitors

Static capacitance of more than 10PF

A:	Non-designated
B:	±0.1%
C:	±0.25%
D:	±0.5%
F:	±1%
G:	±2%
E:	±2.5%
H:	±3%
J:	±5%
K:	±10%
L:	±15%
M:	±20%
N:	±30%
P:	+100 ~ -0%
Q:	+30 ~ -10%
R:	+20 ~ -0%
T:	+50 ~ -10%
U:	+75 ~ -10%
V:	+20 ~ -10%
W:	+100 ~ -10%
X:	+40 ~ -20%
Y:	+150 ~ -10%
Z:	+80 ~ -20%

FIXED RESISTOR

1/10 G J 100K

Rated value, ohms : K: x1,000 ohms.
M: x1,000,000 ohms

Material :

D	CARBON	Carbon film fixed
N	MT-FILM	Metal film fixed
S	OXIDE-MT	Metal oxide film fixed
C	SOLID	Solid
G	MT-GLAZE	Metal glaze type fixed
W	WIRE WOUND	Power type covered wiring fixed
H	CERAMIC RES	Ceramic fixed
F	FUSIBLE RES	Fusible
X	RESISTOR	Used for "others"

Rated Wattage

Tolerance Symbols:

A:	±0.05%
B:	±0.1%
C:	±0.25%
D:	±0.5%
F:	±1%
G:	±2%
J:	±5%
K:	±10%
M:	±20%
P:	+5 ~ -15%
Z:	Use when 0 ohm

④ Chip transistor (list of replaceable)

Mark	AJ
	2SA1179-M6
	2SA1179-M7
	2SA1037K-R
	2SA1037K-S
	2SA1037AK-R
	2SA1037AK-S

Mark	AH
	2SC2812-L6
	2SC2812-L7
	2SC2412K-R
	2SC2412K-S

Parts list

■ Caution to replace parts

Adjustments after Parts Replacement

- : Readjust necessary
●: Check necessary

Replaced Parts	Focus Adjustment	Integrator lens Adjustment	Relay lens Adjustment	Convergence Adjustment	Polarized glass in Adjustment	Common-center-Adjustment White-balance-Adjustment Correction-uneven-color	PFC Output and +15/-15.5V DC Voltage Adjustment	Other Electrical Adjustments
LCD panels	■							
Polarized glass out	■							
Integrator lens		■						
Relay lens			■					
Polarized glass in					■			
Optical parts of inside the optical unit		●	●		●			
Ass'y Power and Audio							■	
Ass'y Main (see note)							■	■

NOTE :

CAUTION TO REPLACE ASS'Y MAIN AND EEP-ROMS (IC806/ 481).

- Eep-Roms(IC806 and IC481) memorizes the data adjusted at Service Mode, and should not be replaced except for the case of defective product.
- The Uneven Color Correction data is memorized in IC481.
- Lamp Illumination Time, Data No. 37 of Service Mode, is memorized in IC806 to indicate the span of Lamp Life. When IC806 is replaced, Lamp Illumination Time is reset at the same time.
Lamp Illumination Time can not be set to the previous value.

■ **CAUTION :**
Do not replace Eep-Roms(IC806/ 481) unreasonably!

■ CAUTION TO REPLACE ASS'Y MAIN.

(In the case Eep-Roms are not damaged.)

When Ass'y Main is replaced, Eep-Roms on new Ass'y Main should be replaced with the those on previous Ass'y Main.

- **LAMP ILLUMINATION TIME** keep the value as before.
- "Uneven Color Correction" and "Other Electrical Adjustments" are unnecessary.

■ CAUTION TO REPLACE IC481.

(In the case IC481 is damaged.)

When IC is replaced with new one, CPU write in initial data in IC481. Initial data is not the same data as factory initial data. After replacing the IC481, readjust the "Uneven Color Correction."

■ CAUTION TO REPLACE IC806.

(In the case IC806 is damaged.)

When IC is replaced with new one, CPU write in initial data in IC806. Initial data is not the same data as factory initial data. After replacing the IC806, readjust the "Electrical Adjustments".

- **LAMP ILLUMINATION TIME** is reset to the initial value.

■ Caution to Replace Unit Lamp Ballast.

In case this unit is fault, replace the unit completely, do not replace the individual component.

< Electrical Parts List >

Note: Part order must contain Chassis No., Part No., and descriptions.

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 schematic 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 Capacitor and Resistor as follows:

Marked Δ (Revised Aug. / 2000)

(Revised May / 1998)

**CAPACITOR
CERAMIC 100P K 50V**

Rated Voltage

Rated value: P=Pico farad, U=Micro farad

Material :	
CERAMIC	Temperature compensating ceramic
	High dielectric rate ceramic
	Semiconductor 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 film
STYRENE	Styrol
TA-SOLID	Tantalum oxide solid electrolytic
AL-SOLID	Aluminum solid electrolytic
ELECT	Aluminum foil electrolytic
NP-ELECT	Non-polarized electrolytic
OS-SOLID	Aluminum solid capacitors with organic semiconductive electrolyte
POS-SOLID	Polymerized organic semiconductor
DL-ELECT	Electric double layer electrolytic
AL-SOLID	Aluminum manganese wind solid
PPS-FILM	Polyphenylene sulfide film
MT-PPS-FILM	Metallized Polyphenylene sulfide film
MT-PEN-FILM	Metallized polyethylenenaphthalate film
EP-ELECT	Electric Conductor Polymerized Aluminum foil electrolytic
CAPACITOR	Other

Tolerance Symbols

Static capacitance of 10PF or less

A:	Non-designated
B:	± 0.1 PF
C:	± 0.25 PF
D:	± 0.5 PF
F:	± 1 PF
G:	± 2 PF
H:	+0.1 ~ -0PF
L:	+0 ~ -0.1PF
R:	+0.25 ~ -0PF
S:	+0 ~ -0.25PF
E:	+0 ~ -1PF
J:	$\pm 5\%$
K:	$\pm 10\%$
M:	$\pm 20\%$

Note: J, K, and M are used only for tubular Ceramic Capacitors

Static capacitance of more than 10PF

A:	Non-designated
B:	$\pm 0.1\%$
C:	$\pm 0.25\%$
D:	$\pm 0.5\%$
F:	$\pm 1\%$
G:	$\pm 2\%$
E:	$\pm 2.5\%$
H:	$\pm 3\%$
J:	$\pm 5\%$
K:	$\pm 10\%$
L:	$\pm 15\%$
M:	$\pm 20\%$
N:	$\pm 30\%$
P:	+100 ~ -0%
Q:	+30 ~ -10%
R:	+20 ~ -0%
T:	+50 ~ -10%
U:	+75 ~ -10%
V:	+20 ~ -10%
W:	+100 ~ -10%
X:	+40 ~ -20%
Y:	+150 ~ -10%
Z:	+80 ~ -20%

**FIXED RESISTER
CARBON 4.7K J A 1/4W**

Rated Wattage

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:	+5 ~ -15%
Z:	Use when 0 ohm

Rated value, ohms : K: $\times 1,000$ ohms. M: $\times 1,000,000$ ohms

Material :	
CARBON	Carbon film fixed
MT-FILM	Metal film fixed
OXIDE-MT	Metal oxide film fixed
SOLID	Solid
MT-GLAZE	Metal glaze type fixed
WIRE WOUND	power type covered wiring fixed
CERAMIC RES	Ceramic fixed
FUSIBLE RES	Fusible
RESISTER	Used for "others"

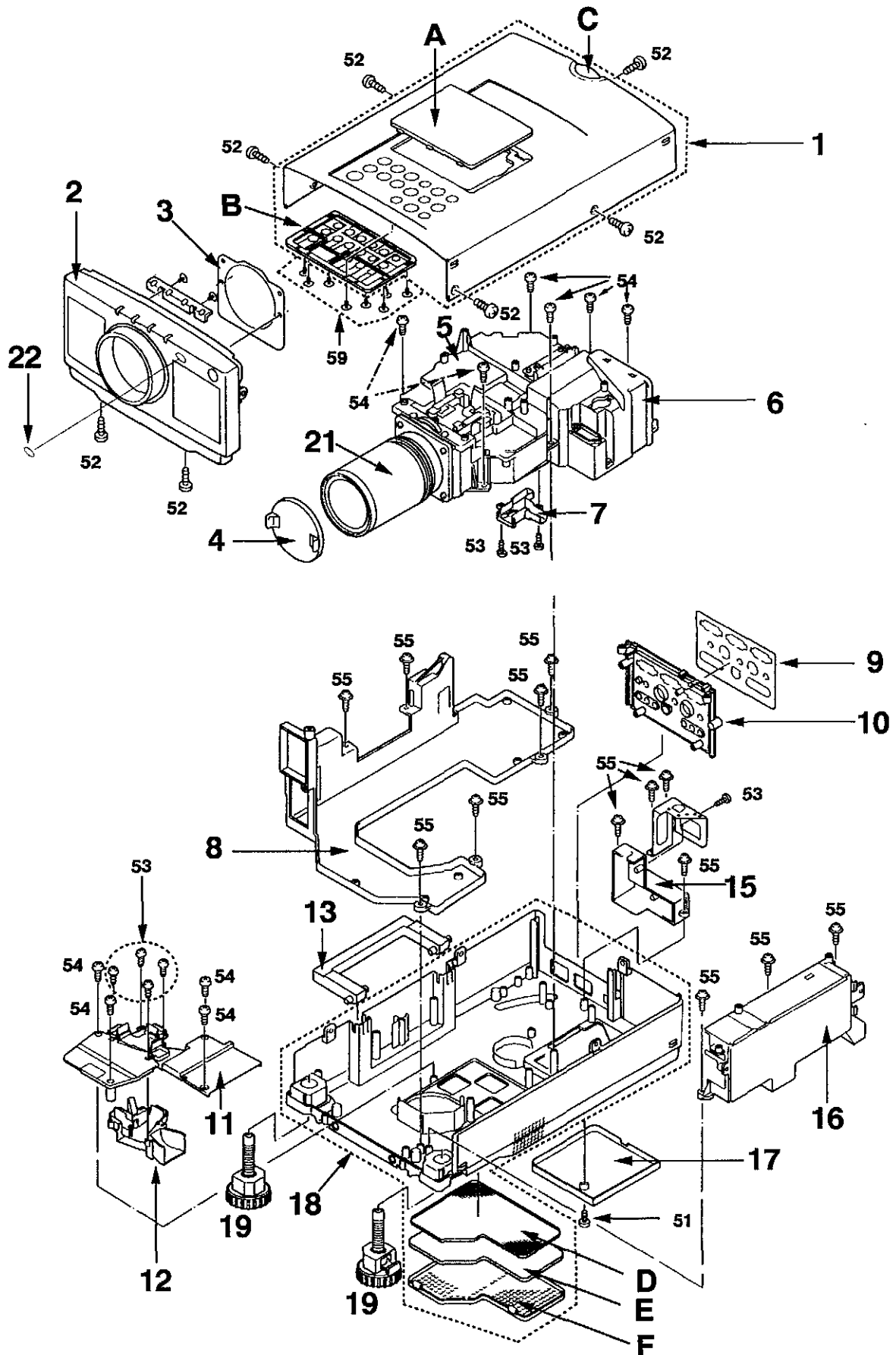
Performance Symbols:

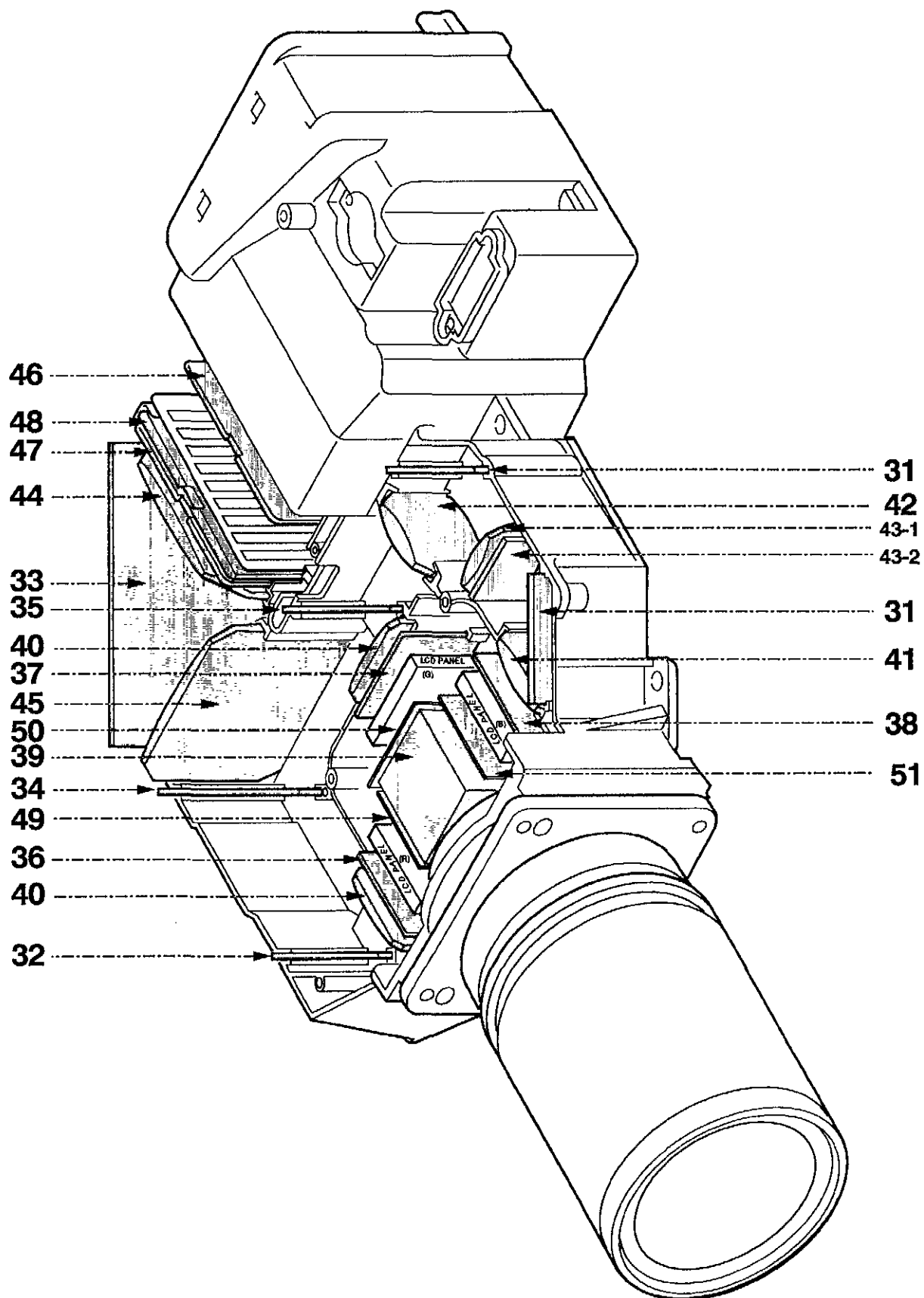
A:	General
B:	Flame retardance (including noncombustible)
Z:	Low noise (Less than 100Kohms : 0.3uV/V, 100Kohms to 1Mohm : 0.5uV/V, More than 1Mohm : 1.0uV/V)
C-Y :	Temperature characteristics
T:	± 10 ppm/ $^{\circ}$ C
U:	± 25 ppm/ $^{\circ}$ C
C:	± 50 ppm/ $^{\circ}$ C
D:	± 100 ppm/ $^{\circ}$ C
E:	± 200 ppm/ $^{\circ}$ C
F:	± 250 ppm/ $^{\circ}$ C
G:	± 350 ppm/ $^{\circ}$ C
H:	± 1000 ppm/ $^{\circ}$ C $\pm 10\%$
W:	± 1200 ppm/ $^{\circ}$ C $\pm 10\%$
Y:	± 1400 ppm/ $^{\circ}$ C $\pm 10\%$
J:	± 2000 ppm/ $^{\circ}$ C $\pm 10\%$
K:	± 2400 ppm/ $^{\circ}$ C $\pm 10\%$
L:	± 2700 ppm/ $^{\circ}$ C $\pm 10\%$
M:	± 3000 ppm/ $^{\circ}$ C $\pm 10\%$
N:	± 3300 ppm/ $^{\circ}$ C $\pm 10\%$
P:	± 3600 ppm/ $^{\circ}$ C $\pm 10\%$
Q:	± 3900 ppm/ $^{\circ}$ C $\pm 10\%$
R:	± 4200 ppm/ $^{\circ}$ C $\pm 10\%$
S:	± 4300 ppm/ $^{\circ}$ C $\pm 10\%$
V:	± 4500 ppm/ $^{\circ}$ C $\pm 10\%$
X:	± 800 ppm/ $^{\circ}$ C ± 150 ppm/ $^{\circ}$ C
O:	+500ppm/ $^{\circ}$ C ~ -250ppm/ $^{\circ}$ C

Δ Note :

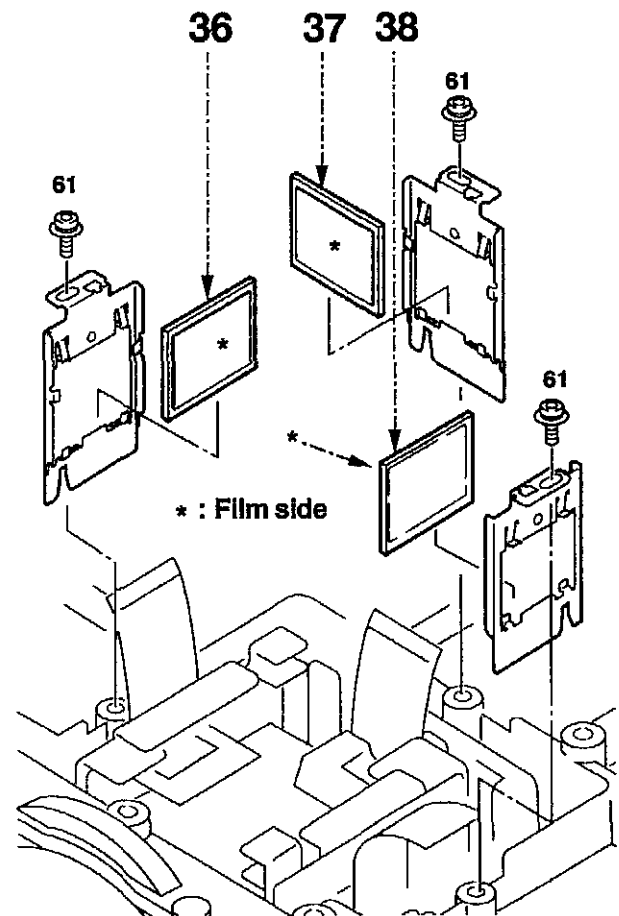
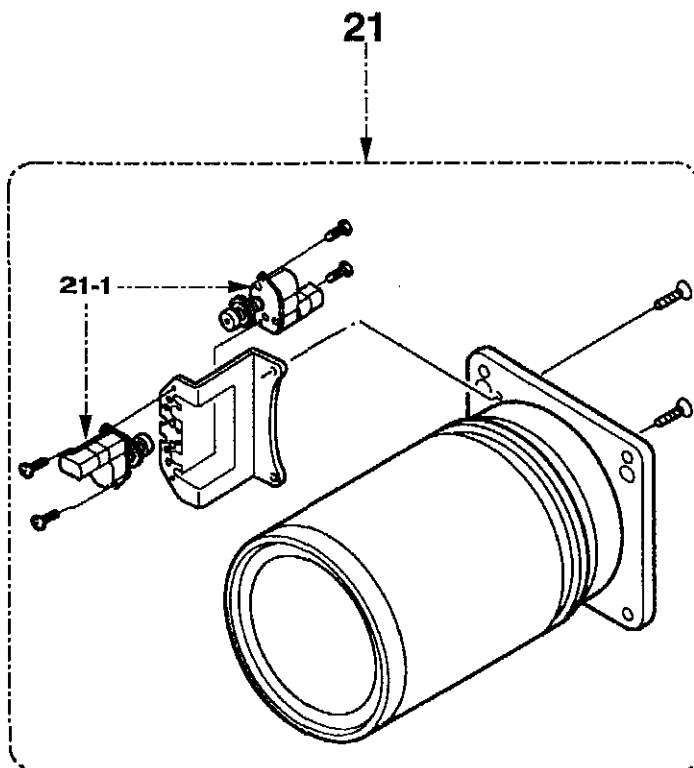
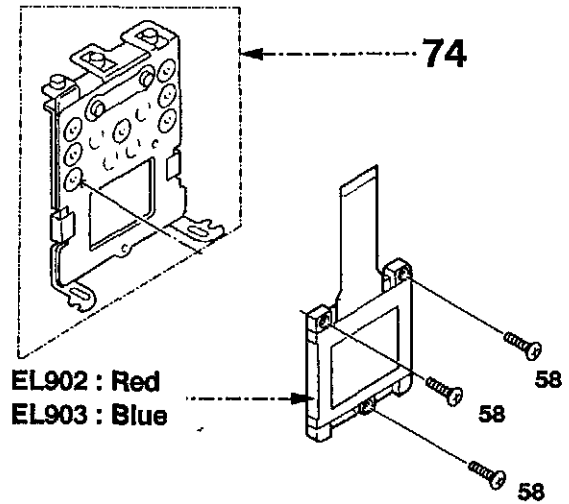
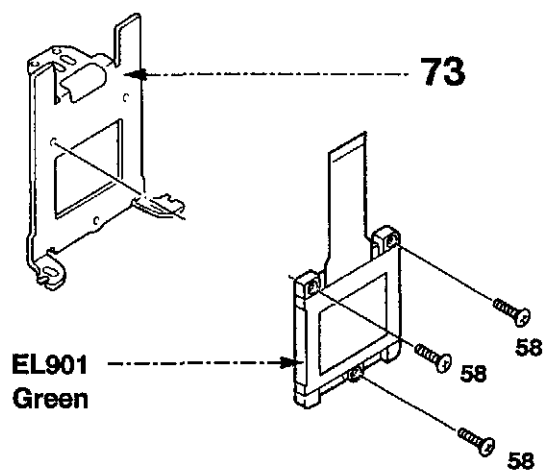
- "General" (symbol A) means properties for which there are some differences among manufacturers but which can be used when within the range given in the catalogs.
- Parts for which temperature characteristics are especially designated (required) due to design are indicated by "General" (symbol A).
- What are called "cement resistors" are noncombustible, so are indicated as "General" (symbol A), not "Flame retardant (including noncombustible)" (symbol B).

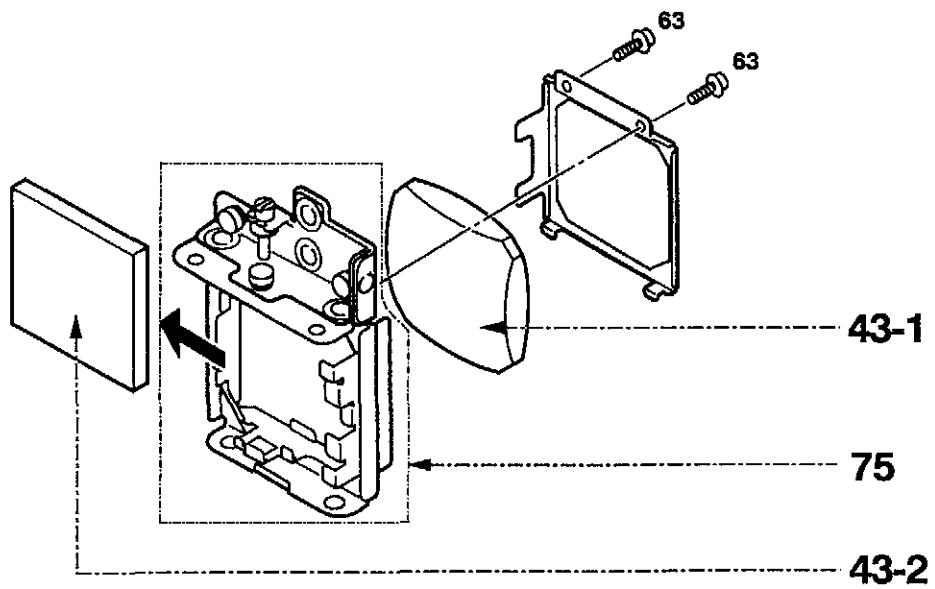
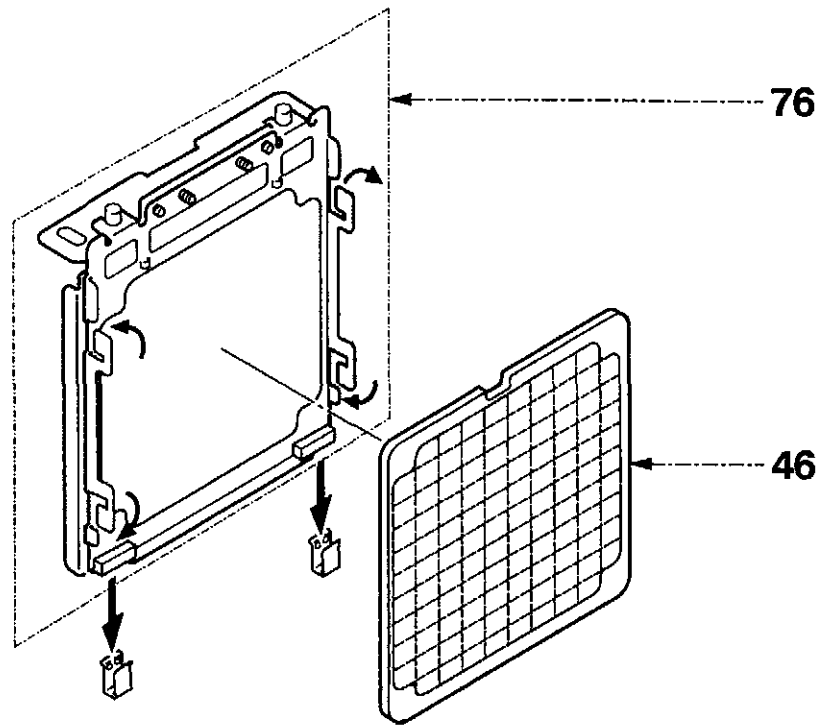
[CABINET CHASSIS & OPTICAL PARTS LIST]





LCD Panel : See electrical parts list

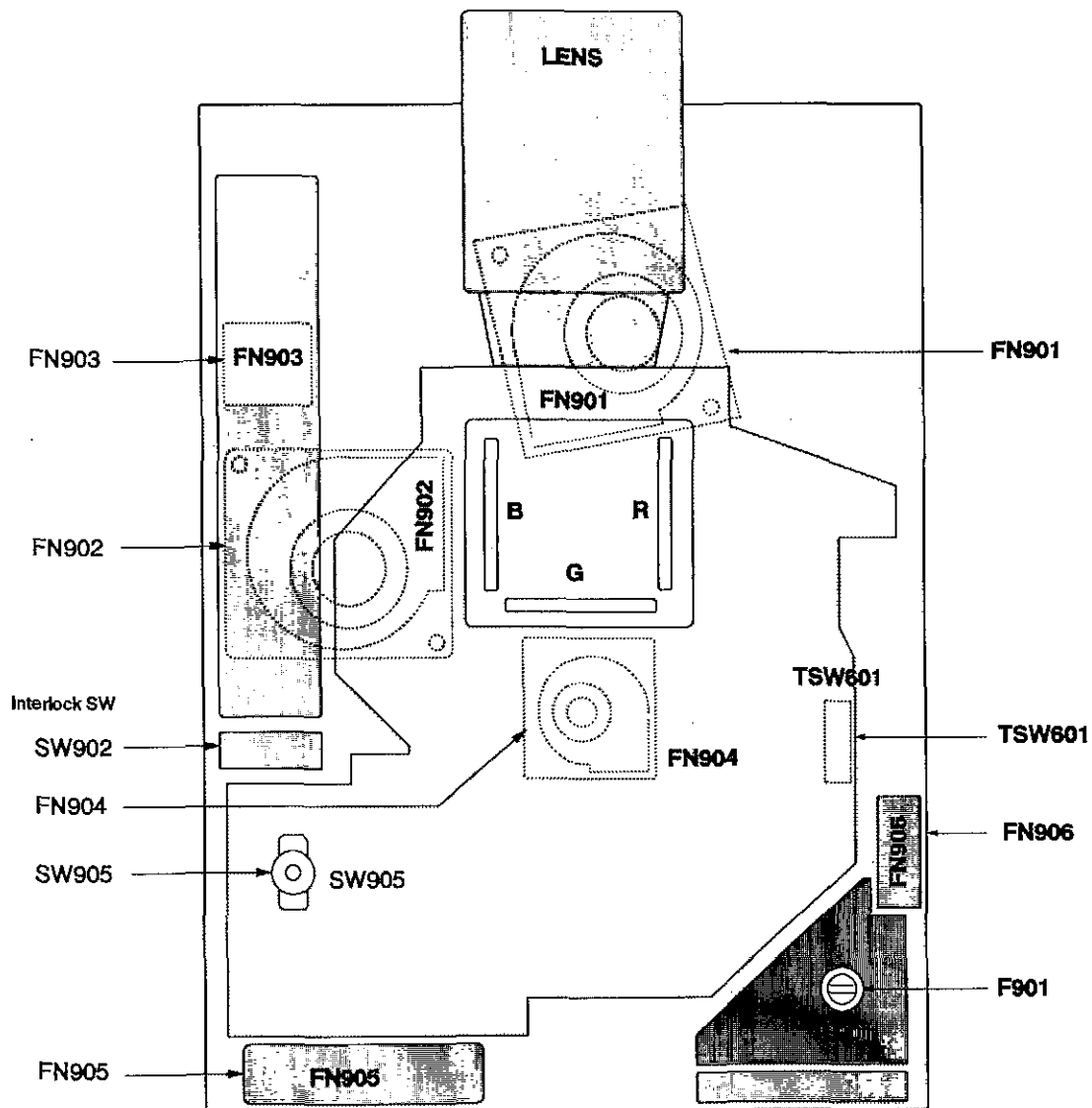




[CABINET CHASSIS & OPTICAL PARTS LIST]

KEY. No.	Part No.	Description	KEY. No.	Part No.	Description
CABINET & CHASSIS PARTS			OPTICAL PARTS		
1.	610 283 1900	COMPL, CABINET TOP-MH6A	21.	645 031 8337	ASSY, LENS, PROJECTION
A	610 282 4155	COVER TOP-MF6A	21-1.	645 032 8664	MOTOR, LENS (Z, F) DC 0.2W
B	610 276 3201	CAP BUTTON-M6SA	31.	645 035 6346	MIRROR (B)
C	610 276 2693	DEC RC-M6SA	32.	645 032 7216	MIRROR (R)
2.	610 282 3905	ASSY, CABINET FR-MF6A	33.	645 035 6339	MIRROR (W-COLD)
3.	610 282 5638	SPACER LIGHT+LENS-M6SA	34.	645 035 5332	DICHROIC MIRROR (R)
4.	610 277 2203	CAP LENS-M6SAA	or	645 041 1601	DICHROIC MIRROR (R)AST
5.	610 282 4315	OPTICAL BASE TOP-MF6A	35.	645 035 5349	DICHROIC MIRROR (G)
6.	610 282 8078	OPTICAL BASE BTM-MF6A	36.	645 043 8431	POLARIZED GLASS (R-FILTER)
7.	610 279 3536	MOUNTING DUCT INT-M6SAA	37.	645 041 5609	POLARIZED GLASS (IN/G)
8.	610 282 0041	HOLDER POWER PWB-MF6A	38.	645 043 8448	POLARIZED GLASS (IN/B)
9.	610 282 4162	DEC AV SHEET-MF6A	39.	645 038 7623	ASSY, PRISM-C
10.	610 282 4261	PANEL AV-MF6A	or	645 040 9615	ASSY, PRISM-G
11.	610 275 9020	MOUNTING DUCT TOP-M6SA	40.	645 024 9037	LENS, CONDENSER
12.	610 289 1249	MOUNTING DUCT BTM-MF6AF *	or	645 032 2822	LENS, CONDENSER
13.	610 282 4193	HANDLE-MF6A	41.	645 032 6455	LENS, CONDENSER (B)
15.	610 268 2984	HOLDER AC-M6KA	42.	645 032 6462	LENS, RELAY (IN)
16.	610 279 7534	HOLDER LAMP PWB-M6SAA	or	645 039 6625	LENS, RELAY (IN)
17.	610 282 4148	COVER, LAMP-MF6A	43-1.	645 032 6479	LENS, RELAY (OUT)
18.	610 283 2341	COMPL, CABINET BTM-MF6A	or	645 039 6632	LENS, RELAY (OUT)
D	610 276 1498	SHIELD FAN-M6SA	43-2.	645 038 7890	OPTICAL FILTER (UV CUT)
E	610 276 1337	FILTER NET-M6SA	44.	645 032 6431	LENS, CONDENSER (IN)
F	610 282 4254	PANEL FILTER-MF6A	45.	645 032 6448	LENS, CONDENSER (OUT)
19.	610 276 0675	ASSY, STAND LEG-M6SA	46.	645 031 5640	LENS, INTEGRATOR (IN)
22.	645 037 1905	BADGE, PHOENIX SANYO*22X10	47.	645 035 7015	ASSY, LENS, INT. (OUT)
SCREWS			48.	645 025 0682	PRISM (PBS)
51.	411 002 1306	SCR BIN 4X8	or	645 025 6899	PRISM (PBS)
52.	411 169 5902	SCR TPG BIN 4X12	or	645 026 1060	PRISM (PBS)
53.	411 025 6500	SCR S-TPG BIN 3X8	49.	645 043 8455	POLARIZED GLASS (OUT/R)
54.	411 147 4408	SCR S-TPG BIN 4X12	50.	645 043 8462	POLARIZED GLASS (OUT/G)
55.	412 018 8402	SCR P-TAP FLG 3X10E	51.	645 043 8479	POLARIZED GLASS (OUT/B)
57.	411 033 3003	SCR FLT 2X4	73.	610 276 3232	MOUNTING PLATE PNL+G-M6SA *
58.	411 052 1806	SCR OVL 2X8	74.	610 276 0323	COMPL, HOLDER LCD-M6SA *
61.	411 174 9407	BOLT HEX-SCT 2.5X6	75.	610 283 1306	COMPL, MOUNTING LENS-MF6A
62.	411 174 9308	BOLT HEX-SCT+SW+W 2.5X6	76.	610 280 1316	COMPL, MOUNTING INT-M6SAA
63.	411 030 7301	SCR BIN 2X6			

Out of PWB ass'y



Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description

* OUT OF PWB ASS'Y					
COIL					
▲ LF901	645 038 8088	UNIT, NOISE FILTER	IC3811	410 275 5806	IC TWM7000-162020
L901	645 003 3834	CORE, FERRITE	IC3821	410 275 5707	IC TWM7000-162020
MISCELLANEOUS					
EL901	645 042 5950	LCD(LCX023ELT-8 G)	IC3841	410 275 5806	IC TWM7000-162020
EL902	645 042 5943	LCD(LCX023ELT-7 R)	IC3861	410 296 5700	IC TWM7000-151020
EL903	645 042 5967	LCD(LCX023ELT-6 B)	IC3862	410 296 5700	IC TWM7000-151020
▲ FN901	645 033 1893	MOTOR, FAN DC 2.4W	IC3871	410 296 5700	IC TWM7000-151020
▲ FN902	645 033 1893	MOTOR, FAN DC 2.4W	IC5001	410 296 2402	IC TWP47C101M-JV45
▲ FN903	645 034 7948	MOTOR, FAN DC 1.7W	IC5201	409 344 1900	IC MN1382-Q-TX
▲ FN904	645 033 1879	MOTOR, FAN DC 2.2W	IC5261	409 380 6303	IC HIN232CB
▲ FN905	645 034 8075	MOTOR, FAN DC 2.9W	IC5271	409 051 2702	IC TC4052BF(EL)
▲ FN906	645 033 1879	MOTOR, FAN DC 2.2W	IC6201	409 462 6009	IC AD8185ARU
▲ F901	423 021 7801	FUSE 250V 6.3A	IC7201	409 153 5601	IC MC74F244M
▲ F901A	645 021 0983	HOLDER, FUSE	IC7221	409 451 4108	IC SN74F244NSR
	645 023 3777	HOLDER, FUSE	IC7251	410 343 7008	IC SN74AHCT1G14DBVR
R901	401 008 8607	CARBON 220K JA 1/2W	IC7222	410 343 7008	IC SN74AHCT1G14DBVR
SP901	645 020 3985	SPEAKER, 8	IC7251	409 202 1400	IC MC14538BF-L1
SP902	645 020 3985	SPEAKER, 8	CAPACITOR		
▲ SW901	645 033 1589	SWITCH, POWER 2P-2TX2	C2036	403 069 9500	CERAMIC 0.01U Z 50V
▲ SW902	645 024 8986	SWITCH, PUSH 2P-2TX2	C2057	403 069 9500	CERAMIC 0.01U Z 50V
▲ SW905	645 026 5457	SWITCH, THERMAL	C2066	403 175 4505	ELECT 47U M 6.3V
WK8GA	645 039 9374	PLUG, 4P	C2076	403 175 4505	ELECT 47U M 6.3V
W16FF&8F	645 016 8321	CORD, ID CONNECTOR	C2086	403 175 4505	ELECT 47U M 6.3V
W18D&18B	645 033 5556	CORD, ID CONNECTOR	C3101	403 314 5905	CERAMIC 0.47U K 16V
W18E&8R	645 031 3301	CORD, ID CONNECTOR	C3102	403 314 5905	CERAMIC 0.47U K 16V
W20H&8S	610 285 1557	CORD SHIELD 6P 1.5MM	C3111	403 314 5905	CERAMIC 0.47U K 16V
W20J&8T	645 040 0292	CORD, ID CONNECTOR	C3116	403 175 4505	ELECT 47U M 6.3V
W20K&8Z	645 040 0285	CORD, ID CONNECTOR	C3801	403 175 4505	ELECT 47U M 6.3V
W20L&8L	610 285 1564	CORD SHIELD 12P 1.5MM	C3802	403 316 5408	CERAMIC 1U K 10V
W6E&8C	645 029 6444	CORD, ID CONNECTOR	C3812	403 316 5408	CERAMIC 1U K 10V
W6P&8W	645 042 4120	CORD, ID CONNECTOR	C3821	403 316 5408	CERAMIC 1U K 10V
W6Q&8Y	645 044 1202	CORD, ID CONNECTOR	C3822	403 316 5408	CERAMIC 1U K 10V
W8G&8GA	610 283 2198	CONVERT CORD 4P	C3823	403 316 5408	CERAMIC 1U K 10V
▲ LP900	610 282 2755	COMPL, OPTICAL LAMP-MF6A	C3841	403 316 5408	CERAMIC 1U K 10V

▲ A901	645 042 7695	UNIT, BALLAST	C3842	403 316 5408	CERAMIC 1U K 10V

610 283 6004 ASSY, PWB, LED MF6A					
CAPACITOR					
C1801	403 070 2606	CERAMIC 0.1U Z 50V	C3843	403 316 5408	CERAMIC 1U K 10V
C1803	403 070 2606	CERAMIC 0.1U Z 50V	C3861	403 316 5408	CERAMIC 1U K 10V
C1804	403 070 2606	CERAMIC 0.1U Z 50V	C3867	403 316 5408	CERAMIC 1U K 10V
RESISTOR					
R1801	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C3868	403 162 6208	ELECT 1U M 50V
R1802	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C3869	403 162 6208	ELECT 1U M 50V
R1803	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C3871	403 316 5408	CERAMIC 1U K 10V
R1804	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C3881	403 162 6208	ELECT 1U M 50V
R1806	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C3882	403 162 6208	ELECT 1U M 50V
R1807	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C3883	403 162 6208	ELECT 1U M 50V
R1808	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C3884	403 162 6208	ELECT 1U M 50V
R1809	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C5001	403 162 4709	ELECT 10U M 16V
R1816	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C5002	403 314 5905	CERAMIC 0.47U K 16V
R1817	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C5003	403 205 7803	TA-SOLID 2.2U M 16V
R1818	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	C5006	403 229 3508	ELECT 100U M 16V
DIODE					
D1801	407 196 9709	LED SEL4228C	C5007	403 229 3508	ELECT 100U M 16V
D1801A	610 275 8269	HOLDER LED-M6SA	C5011	403 205 7803	TA-SOLID 2.2U M 16V
D1802	407 196 9808	LED SEL4428E	C5012	403 205 7803	TA-SOLID 2.2U M 16V
D1803	407 196 9709	LED SEL4228C	C5013	403 205 7803	TA-SOLID 2.2U M 16V
D1804	407 196 9907	LED SEL4828A	C5016	403 205 7803	TA-SOLID 2.2U M 16V
MISCELLANEOUS					
K18A	645 006 0953	PLUG, 8P	C5017	403 205 7803	TA-SOLID 2.2U M 16V
K18B	645 005 8226	PLUG, 3P	C5018	403 205 7803	TA-SOLID 2.2U M 16V

610 287 7465 ASSY, PWB, A/V MF6AF					
TRANSISTOR					
Q2051	405 014 4509	TR 2SC2412K T146 R	C5021	403 162 4709	ELECT 10U M 16V
Q2054	405 014 4509	TR 2SC2412K T146 R	C5026	403 162 4709	ELECT 10U M 16V
Q2057	405 014 4509	TR 2SC2412K T146 R	C5111	403 322 7809	ELECT 220U M 6.3V
Q2058	405 134 5905	TR 2SA1037AK-T146-R	C5116	403 162 4709	ELECT 10U M 16V
Q2066	405 134 5905	TR 2SA1037AK-T146-R	C5117	403 314 5905	CERAMIC 0.47U K 16V
Q2076	405 014 4509	TR 2SC2412K T146 R	C5201	403 322 7809	ELECT 220U M 6.3V
Q2086	405 014 4509	TR 2SC2412K T146 R	C5202	403 070 2606	CERAMIC 0.1U Z 50V
Q3111	405 014 4509	TR 2SC2412K T146 R	C5203	403 070 2606	CERAMIC 0.1U Z 50V
Q3116	405 014 4509	TR 2SC2412K T146 R	C5204	403 069 9500	CERAMIC 0.01U Z 50V
Q5021	405 014 4509	TR 2SC2412K T146 R	C5205	403 069 9500	CERAMIC 0.01U Z 50V
Q5026	405 014 4509	TR 2SC2412K T146 R	C5206	403 322 7809	ELECT 220U M 6.3V
Q5111	405 134 5905	TR 2SA1037AK-T146-R	C5207	403 070 2606	CERAMIC 0.1U Z 50V
Q5231	405 014 4509	TR 2SC2412K T146 R	C5208	403 070 2606	CERAMIC 0.1U Z 50V
Q5232	405 014 4509	TR 2SC2412K T146 R	C5209	403 069 9500	CERAMIC 0.01U Z 50V
Q5233	405 014 4509	TR 2SC2412K T146 R	C5210	403 069 9500	CERAMIC 0.01U Z 50V
Q5234	405 014 4509	TR 2SC2412K T146 R	C5211	403 069 9500	CERAMIC 0.01U Z 50V
Q5241	405 014 4509	TR 2SC2412K T146 R	C5215	403 069 9500	CERAMIC 0.01U Z 50V
Q5261	405 014 4509	TR 2SC2412K T146 R	C5231	403 022 8205	CERAMIC 33P J 50V
Q7261	405 014 4509	TR 2SC2412K T146 R	C5232	403 022 8205	CERAMIC 33P J 50V
Q7262	405 014 4509	TR 2SC2412K T146 R	C5233	403 022 8205	CERAMIC 33P J 50V
INTEGRATED CIRCUIT					
IC3801	410 275 5707	IC TWM7000-162020	C5234	403 069 9500	CERAMIC 0.01U Z 50V
			C5241	403 069 9500	CERAMIC 0.01U Z 50V
			C5261	403 316 5408	CERAMIC 1U K 10V
			C5266	403 069 9500	CERAMIC 0.01U Z 50V
			C5267	403 069 9500	CERAMIC 0.01U Z 50V
			C5271	403 070 2606	CERAMIC 0.1U Z 50V
			C5272	403 071 6504	CERAMIC 220P K 50V
			C5281	403 070 2606	CERAMIC 0.1U Z 50V
			C5282	403 071 6504	CERAMIC 220P K 50V
			C5291	403 322 7809	ELECT 220U M 6.3V
			C5292	403 322 7809	ELECT 220U M 6.3V
			C5293	403 322 7809	ELECT 220U M 6.3V
			C5294	403 192 5905	CERAMIC 0.1U K 25V
			C5296	403 322 7809	ELECT 220U M 6.3V
			C5297	403 322 7809	ELECT 220U M 6.3V
			C6201	403 162 4006	ELECT 22U M 6.3V
			C6202	403 316 5408	CERAMIC 1U K 10V
			C6206	403 162 4006	ELECT 22U M 6.3V

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C6207	403 316 5408	CERAMIC 1U K 10V	R3801	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
C6231	403 021 0200	CERAMIC 3P C 50V	R3802	401 037 5608	MT-GLAZE 10K JA 1/10W
C6232	403 021 0200	CERAMIC 3P C 50V	R3803	401 037 5608	MT-GLAZE 10K JA 1/10W
C6233	403 021 0200	CERAMIC 3P C 50V	R3804	401 037 5608	MT-GLAZE 10K JA 1/10W
C7201	403 175 4505	ELECT 47U M 6.3V	R3806	401 037 5608	MT-GLAZE 10K JA 1/10W
C7202	403 069 9500	CERAMIC 0.01U Z 50V	R3807	401 037 5608	MT-GLAZE 10K JA 1/10W
C7211	403 162 6208	ELECT 1U M 50V	R3808	401 037 5202	MT-GLAZE 100 JA 1/10W
C7212	403 162 6604	ELECT 2.2U M 50V	R3809	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
C7213	403 162 6208	ELECT 1U M 50V	R3811	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
C7221	403 070 2606	CERAMIC 0.1U Z 50V	R3812	401 037 5608	MT-GLAZE 10K JA 1/10W
C7222	403 070 2606	CERAMIC 0.1U Z 50V	R3813	401 037 5608	MT-GLAZE 10K JA 1/10W
C7232	403 269 5906	CERAMIC 0.22U K 16V	R3816	401 037 5608	MT-GLAZE 10K JA 1/10W
C7233	403 269 5906	CERAMIC 0.22U K 16V	R3817	401 037 5608	MT-GLAZE 10K JA 1/10W
C7235	403 192 5905	CERAMIC 0.1U K 25V	R3818	401 037 5202	MT-GLAZE 100 JA 1/10W
C7236	403 269 5906	CERAMIC 0.22U K 16V	R3821	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
C7242	403 192 5905	CERAMIC 0.1U K 25V	R3831	401 037 5608	MT-GLAZE 10K JA 1/10W
C7245	403 192 5905	CERAMIC 0.1U K 25V	R3832	401 038 3702	MT-GLAZE 33K JA 1/10W
C7249	403 069 5601	CERAMIC 0.01U K 50V	R3841	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
C7251	403 162 4709	ELECT 10U M 16V	R3851	401 037 5608	MT-GLAZE 10K JA 1/10W
C7252	403 069 9500	CERAMIC 0.01U Z 50V	R3852	401 038 3702	MT-GLAZE 33K JA 1/10W
C7261	403 162 6000	ELECT 0.47U M 50V	R3861	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
C7263	403 314 5905	CERAMIC 0.47U K 16V	R3862	401 037 5608	MT-GLAZE 10K JA 1/10W
C7271	403 162 4709	ELECT 10U M 16V	R3863	401 037 5608	MT-GLAZE 10K JA 1/10W
C7272	403 192 5905	CERAMIC 0.1U K 25V	R3864	401 037 5608	MT-GLAZE 10K JA 1/10W
RESISTOR			R3866	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
RB3821	645 025 5380	R-NETWORK 10KX4 1/16W	R3867	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
	645 026 8014	R-NETWORK 10KX4 1/16W	R3868	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
RB3841	645 025 5380	R-NETWORK 10KX4 1/16W	R3869	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
	645 026 8014	R-NETWORK 10KX4 1/16W	R3871	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
RB3861	645 025 5380	R-NETWORK 10KX4 1/16W	R3881	401 037 5202	MT-GLAZE 100 JA 1/10W
	645 026 8014	R-NETWORK 10KX4 1/16W	R3882	401 037 5202	MT-GLAZE 100 JA 1/10W
R1001	401 260 4102	MT-GLAZE 75 JA 1/3W	R3884	401 037 5202	MT-GLAZE 100 JA 1/10W
R1002	401 260 4102	MT-GLAZE 75 JA 1/3W	R3886	401 037 5202	MT-GLAZE 100 JA 1/10W
R1003	401 260 4102	MT-GLAZE 75 JA 1/3W	R5001	401 037 5202	MT-GLAZE 100 JA 1/10W
R1011	401 260 4102	MT-GLAZE 75 JA 1/3W	R5002	401 037 5202	MT-GLAZE 100 JA 1/10W
R1012	401 260 4102	MT-GLAZE 75 JA 1/3W	R5006	401 038 3603	MT-GLAZE 3.3K JA 1/10W
R1013	401 260 4102	MT-GLAZE 75 JA 1/3W	R5007	401 038 3603	MT-GLAZE 3.3K JA 1/10W
R1021	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5011	401 037 5707	MT-GLAZE 100K JA 1/10W
R1022	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5012	401 037 5707	MT-GLAZE 100K JA 1/10W
R1026	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5013	401 037 5707	MT-GLAZE 100K JA 1/10W
R1027	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5016	401 037 5707	MT-GLAZE 100K JA 1/10W
R1081	401 038 6604	MT-GLAZE 470K JA 1/10W	R5017	401 037 5707	MT-GLAZE 100K JA 1/10W
R1082	401 038 6604	MT-GLAZE 470K JA 1/10W	R5018	401 037 5707	MT-GLAZE 100K JA 1/10W
R1083	401 038 6604	MT-GLAZE 470K JA 1/10W	R5021	401 037 5400	MT-GLAZE 1K JA 1/10W
R1084	401 038 6604	MT-GLAZE 470K JA 1/10W	R5022	401 038 7700	MT-GLAZE 5.6K JA 1/10W
R1086	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5023	401 037 5202	MT-GLAZE 100 JA 1/10W
R1087	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5024	401 038 3702	MT-GLAZE 33K JA 1/10W
R1088	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5025	401 037 9309	MT-GLAZE 18K JA 1/10W
R1089	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5026	401 037 5400	MT-GLAZE 1K JA 1/10W
R1096	403 314 5905	CERAMIC 0.47U K 16V	R5027	401 038 7700	MT-GLAZE 5.6K JA 1/10W
R1097	403 314 5905	CERAMIC 0.47U K 16V	R5028	401 037 5202	MT-GLAZE 100 JA 1/10W
R2011	401 260 4102	MT-GLAZE 75 JA 1/3W	R5029	401 038 3702	MT-GLAZE 33K JA 1/10W
R2016	401 037 5202	MT-GLAZE 100 JA 1/10W	R5030	401 037 9309	MT-GLAZE 18K JA 1/10W
R2017	401 037 5202	MT-GLAZE 100 JA 1/10W	R5111	401 038 3702	MT-GLAZE 33K JA 1/10W
R2018	401 038 6604	MT-GLAZE 470K JA 1/10W	R5112	401 037 5608	MT-GLAZE 10K JA 1/10W
R2019	401 038 6604	MT-GLAZE 470K JA 1/10W	R5113	401 037 5400	MT-GLAZE 1K JA 1/10W
R2031	401 260 4102	MT-GLAZE 75 JA 1/3W	R5114	401 037 5202	MT-GLAZE 100 JA 1/10W
R2032	401 260 4102	MT-GLAZE 75 JA 1/3W	R5115	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R2036	401 037 5202	MT-GLAZE 100 JA 1/10W	R5211	401 037 5202	MT-GLAZE 100 JA 1/10W
R2051	401 037 5202	MT-GLAZE 100 JA 1/10W	R5212	401 037 5202	MT-GLAZE 100 JA 1/10W
R2052	401 037 5608	MT-GLAZE 10K JA 1/10W	R5213	401 037 5202	MT-GLAZE 100 JA 1/10W
R2053	401 037 5400	MT-GLAZE 1K JA 1/10W	R5216	401 037 5202	MT-GLAZE 100 JA 1/10W
R2054	401 037 5202	MT-GLAZE 100 JA 1/10W	R5217	401 037 5202	MT-GLAZE 100 JA 1/10W
R2055	401 037 5608	MT-GLAZE 10K JA 1/10W	R5218	401 037 5202	MT-GLAZE 100 JA 1/10W
R2056	401 037 5400	MT-GLAZE 1K JA 1/10W	R5221	401 158 6805	MT-GLAZE 10 FA 1/10W
R2057	401 038 7809	MT-GLAZE 56K JA 1/10W	R5222	401 158 6805	MT-GLAZE 10 FA 1/10W
R2058	401 037 5608	MT-GLAZE 10K JA 1/10W	R5223	401 158 6805	MT-GLAZE 10 FA 1/10W
R2059	401 037 5400	MT-GLAZE 1K JA 1/10W	R5231	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R2061	401 260 4102	MT-GLAZE 75 JA 1/3W	R5232	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R2062	401 037 5202	MT-GLAZE 100 JA 1/10W	R5233	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R2066	401 038 7809	MT-GLAZE 56K JA 1/10W	R5234	401 037 5608	MT-GLAZE 10K JA 1/10W
R2067	401 038 0800	MT-GLAZE 22K JA 1/10W	R5236	401 037 5608	MT-GLAZE 10K JA 1/10W
R2068	401 038 9001	MT-GLAZE 680 JA 1/10W	R5237	401 037 5608	MT-GLAZE 10K JA 1/10W
R2069	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5238	401 037 5608	MT-GLAZE 10K JA 1/10W
R2071	401 260 4102	MT-GLAZE 75 JA 1/3W	R5239	401 037 5400	MT-GLAZE 1K JA 1/10W
R2072	401 038 0602	MT-GLAZE 220 JA 1/10W	R5241	401 038 0800	MT-GLAZE 22K JA 1/10W
R2076	401 038 9308	MT-GLAZE 68K JA 1/10W	R5242	401 038 0701	MT-GLAZE 2.2K JA 1/10W
R2077	401 038 3702	MT-GLAZE 33K JA 1/10W	R5243	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R2078	401 037 5400	MT-GLAZE 1K JA 1/10W	R5261	401 037 5202	MT-GLAZE 100 JA 1/10W
R2079	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5266	401 038 0701	MT-GLAZE 2.2K JA 1/10W
R2081	401 260 4102	MT-GLAZE 75 JA 1/3W	R5267	401 038 0800	MT-GLAZE 22K JA 1/10W
R2082	401 038 0602	MT-GLAZE 220 JA 1/10W	R5268	401 037 7800	MT-GLAZE 150 JA 1/10W
R2086	401 038 9308	MT-GLAZE 68K JA 1/10W	R5269	401 037 7800	MT-GLAZE 150 JA 1/10W
R2087	401 038 3702	MT-GLAZE 33K JA 1/10W	R5271	401 037 7701	MT-GLAZE 15 JA 1/10W
R2088	401 037 5400	MT-GLAZE 1K JA 1/10W	R5272	401 037 5202	MT-GLAZE 100 JA 1/10W
R2089	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R5276	401 037 5202	MT-GLAZE 100 JA 1/10W
R3101	401 037 5608	MT-GLAZE 10K JA 1/10W	R5281	401 037 7701	MT-GLAZE 15 JA 1/10W
R3102	401 038 9209	MT-GLAZE 6.8K JA 1/10W	R5282	401 037 5202	MT-GLAZE 100 JA 1/10W
R3106	401 037 5202	MT-GLAZE 100 JA 1/10W	R5286	401 037 5202	MT-GLAZE 100 JA 1/10W
R3111	401 037 5608	MT-GLAZE 10K JA 1/10W	R6211	401 147 8704	MT-GLAZE 62 FA 1/10W
R3112	401 037 5400	MT-GLAZE 1K JA 1/10W	R6212	401 147 8704	MT-GLAZE 62 FA 1/10W
R3113	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R6213	401 147 8704	MT-GLAZE 62 FA 1/10W
R3116	401 037 5608	MT-GLAZE 10K JA 1/10W	R6221	401 037 5103	MT-GLAZE 10 JA 1/10W
R3117	401 037 5400	MT-GLAZE 1K JA 1/10W	R6222	401 037 5103	MT-GLAZE 10 JA 1/10W
R3118	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R6223	401 037 5103	MT-GLAZE 10 JA 1/10W

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R6231	401 037 7909	MT-GLAZE 1.5K JA 1/10W	D1002	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R6232	401 037 7909	MT-GLAZE 1.5K JA 1/10W	D1003	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R6233	401 037 7909	MT-GLAZE 1.5K JA 1/10W	D1006	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R6241	401 038 9506	MT-GLAZE 75 JA 1/10W	D1007	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R6242	401 038 9506	MT-GLAZE 75 JA 1/10W	D1008	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R6243	401 038 9506	MT-GLAZE 75 JA 1/10W	D1011	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7214	401 038 0602	MT-GLAZE 220 JA 1/10W	D1012	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7221	401 037 7701	MT-GLAZE 15 JA 1/10W	D1013	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7222	401 037 7701	MT-GLAZE 15 JA 1/10W	D1016	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7223	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1017	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7224	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1018	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7226	401 037 5202	MT-GLAZE 100 JA 1/10W	D1021	407 187 8209	ZENER DIODE UDZ12B-TE-17
R7227	401 037 5202	MT-GLAZE 100 JA 1/10W	D1022	407 187 8209	ZENER DIODE UDZ12B-TE-17
R7236	401 038 3702	MT-GLAZE 33K JA 1/10W	D1026	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7238	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1027	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7239	401 150 4403	MT-GLAZE 12K FA 1/10W	D1031	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7240	401 150 4403	MT-GLAZE 12K FA 1/10W	D1032	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7249	401 038 0701	MT-GLAZE 2.2K JA 1/10W	D1033	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R7256	401 037 5707	MT-GLAZE 100K JA 1/10W	D1036	407 187 8209	ZENER DIODE UDZ12B-TE-17
R7261	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1037	407 187 8209	ZENER DIODE UDZ12B-TE-17
R7262	401 037 5608	MT-GLAZE 10K JA 1/10W	D1060	407 187 8605	ZENER DIODE UDZ20B-TE-17
R7266	401 037 5707	MT-GLAZE 100K JA 1/10W	D1061	407 187 8605	ZENER DIODE UDZ20B-TE-17
R7267	401 038 0909	MT-GLAZE 220K JA 1/10W	D1062	407 187 8605	ZENER DIODE UDZ20B-TE-17
R7268	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1063	407 187 8605	ZENER DIODE UDZ20B-TE-17
R7269	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1064	407 187 8605	ZENER DIODE UDZ20B-TE-17
R7291	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1065	407 187 8605	ZENER DIODE UDZ20B-TE-17
R7292	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	D1066	407 187 8605	ZENER DIODE UDZ20B-TE-17
R7293	401 037 5202	MT-GLAZE 100 JA 1/10W	D1067	407 187 8605	ZENER DIODE UDZ20B-TE-17
COIL			D1068	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1001	645 024 0669	FILTER, EMI 20PF	D1070	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1002	645 024 0669	FILTER, EMI 20PF	D1071	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1003	645 024 0669	FILTER, EMI 20PF	D1072	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1011	645 024 0669	FILTER, EMI 20PF	D1073	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1012	645 024 0669	FILTER, EMI 20PF	D1074	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1013	645 024 0669	FILTER, EMI 20PF	D1075	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1021	645 025 0637	FILTER, EMI 190PF	D1076	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1022	645 025 0637	FILTER, EMI 190PF	D1077	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1026	645 025 0637	FILTER, EMI 190PF	D1078	407 187 8605	ZENER DIODE UDZ20B-TE-17
L1027	645 025 0637	FILTER, EMI 190PF	D1081	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1031	645 024 0669	FILTER, EMI 20PF	D1082	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1032	645 024 0669	FILTER, EMI 20PF	D1083	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1033	645 024 0669	FILTER, EMI 20PF	D1084	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1036	645 025 0637	FILTER, EMI 190PF	D1086	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1037	645 025 0637	FILTER, EMI 190PF	D1087	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1061	645 014 2659	FILTER, EMI 10MHZ	D1088	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1062	645 014 2659	FILTER, EMI 10MHZ	D1089	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1063	645 014 2659	FILTER, EMI 10MHZ	D1091	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1064	645 014 2659	FILTER, EMI 10MHZ	D1092	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1066	645 014 2659	FILTER, EMI 10MHZ	D1093	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1067	645 014 2659	FILTER, EMI 10MHZ	D1094	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1068	645 014 2659	FILTER, EMI 10MHZ	D1096	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1071	645 014 2659	FILTER, EMI 10MHZ	D1097	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1072	645 014 2659	FILTER, EMI 10MHZ	D1098	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1073	645 014 2659	FILTER, EMI 10MHZ	D1099	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1074	645 014 2659	FILTER, EMI 10MHZ	D2011	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1076	645 014 2659	FILTER, EMI 10MHZ	D2012	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1077	645 014 2659	FILTER, EMI 10MHZ	D2016	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1078	645 014 2659	FILTER, EMI 10MHZ	D2017	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1081	645 014 2659	FILTER, EMI 10MHZ	D2018	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1082	645 014 2659	FILTER, EMI 10MHZ	D2019	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1083	645 014 2659	FILTER, EMI 10MHZ	D2031	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1084	645 014 2659	FILTER, EMI 10MHZ	D2032	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1091	645 025 5335	FILTER, EMI 2200PF	D2033	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1092	645 025 5335	FILTER, EMI 2200PF	D2034	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1093	645 025 5335	FILTER, EMI 2200PF	D2036	407 187 8209	ZENER DIODE UDZ12B-TE-17
L1094	645 025 5335	FILTER, EMI 2200PF	D2051	407 149 0807	DIODE 1SS355-TE-17
L1096	645 025 5335	FILTER, EMI 2200PF	D2054	407 149 0807	DIODE 1SS355-TE-17
L1097	645 023 2978	INDUCTOR, 800 OHM	D2061	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L1098	645 023 2978	INDUCTOR, 800 OHM	D2062	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L2011	645 008 4904	INDUCTOR, 5.6U K	D2071	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
	645 040 2906	INDUCTOR, 5.6U K	D2072	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L2012	645 002 3910	FILTER, EMI 100MHZ	D2081	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L2016	645 014 2659	FILTER, EMI 10MHZ	D2082	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
L2017	645 014 2659	FILTER, EMI 10MHZ	D3831	407 179 1706	ZENER DIODE UDZ5.1B-TE-17
L2031	645 008 4904	INDUCTOR, 5.6U K	D3851	407 179 1706	ZENER DIODE UDZ5.1B-TE-17
	645 040 2906	INDUCTOR, 5.6U K	D3881	407 149 0807	DIODE 1SS355-TE-17
L2032	645 008 4904	INDUCTOR, 5.6U K	D3882	407 149 0807	DIODE 1SS355-TE-17
	645 040 2906	INDUCTOR, 5.6U K	D5011	407 179 1003	ZENER DIODE UDZ15B-TE17
L2033	645 002 3910	FILTER, EMI 100MHZ	D5012	407 179 1003	ZENER DIODE UDZ15B-TE17
L2034	645 002 3910	FILTER, EMI 100MHZ	D5013	407 179 1003	ZENER DIODE UDZ15B-TE17
L2036	645 014 2659	FILTER, EMI 10MHZ	D5016	407 179 1003	ZENER DIODE UDZ15B-TE17
L2061	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	D5017	407 179 1003	ZENER DIODE UDZ15B-TE17
L2062	645 002 3934	FILTER, EMI 50MHZ	D5018	407 179 1003	ZENER DIODE UDZ15B-TE17
L2071	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	D5271	407 179 4905	ZENER DIODE UDZ-TE-174.7B
L2072	645 002 3934	FILTER, EMI 50MHZ	D5281	407 179 4905	ZENER DIODE UDZ-TE-174.7B
L2081	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	D7221	407 179 4905	ZENER DIODE UDZ-TE-174.7B
L2082	645 002 3934	FILTER, EMI 50MHZ	D7222	407 179 4905	ZENER DIODE UDZ-TE-174.7B
L5001	645 020 1776	INDUCTOR, 3.3U M	D7261	407 149 0807	DIODE 1SS355-TE-17
L5116	645 020 1776	INDUCTOR, 3.3U M	MISCELLANEOUS		
L5201	645 001 4512	INDUCTOR, 10U K	K10A	645 009 8093	SOCKET, D-SUB 15P
L5202	645 001 4512	INDUCTOR, 10U K	K10B	645 009 8093	SOCKET, D-SUB 15P
L6201	645 001 4512	INDUCTOR, 10U K	K10C	645 009 8093	SOCKET, D-SUB 15P
L6202	645 001 4512	INDUCTOR, 10U K	K10D	645 000 2595	SOCKET, DIN 8P
DIODE			K10DA	610 275 8573	EARTH BRKT M-DIN-M6RA
D1001	407 179 0501	ZENER DIODE UDZ6.2B-TE-17	K10E	645 000 2595	SOCKET, DIN 8P

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
K10EA	610 275 8573	EARTH BRKT M-DIN-M6RA	C111	403 069 9500	CERAMIC 0.01U Z 50V
K10F	645 000 2571	JACK,PHONE D8.0	C1111	403 012 1100	CERAMIC 13P J 50V
K10FA	610 266 0715	EARTH BRKT MIC-M6FA	C1112	403 012 1100	CERAMIC 13P J 50V
K10G	645 000 2571	JACK,PHONE D8.0	C1113	403 010 8507	CERAMIC 12P J 50V
K10GA	610 266 0715	EARTH BRKT MIC-M6FA	C1114	403 012 6808	CERAMIC 15P J 50V
K10H	645 017 1680	JACK,PHONE D3.6	C112	403 070 2606	CERAMIC 0.1U Z 50V
K10HA	610 266 0715	EARTH BRKT MIC-M6FA	C1121	403 069 9500	CERAMIC 0.01U Z 50V
K10L	645 004 2904	PLUG,4P	C113	403 012 6808	CERAMIC 15P J 50V
K10M	645 004 2898	PLUG,3P	C1131	403 266 8207	NP-ELECT 10U M 16V
K10N	645 004 2898	PLUG,3P	C1132	403 266 8207	NP-ELECT 10U M 16V
K10P	645 025 0347	SOCKET,PWB-PWB 54P	C1133	403 314 5905	CERAMIC 0.47U K 16V
K10Q	645 025 0347	SOCKET,PWB-PWB 54P	C1134	403 162 4709	ELECT 10U M 16V
K20A	645 032 6950	JACK,RCA-3	C1135	403 314 5905	CERAMIC 0.47U K 16V
K20B	645 039 2269	JACK,RCA-3	C1136	403 192 5905	CERAMIC 0.1U K 25V
K20C	610 010 8295	SOCKET,DIN 4P	C1137	403 192 5905	CERAMIC 0.1U K 25V
K20CA	610 266 0708	EARTH BRKT ST-M6FA	C1138	403 162 4709	ELECT 10U M 16V
K20G	645 036 1326	TERMINAL	C1139	403 069 5601	CERAMIC 0.01U K 50V
X3801	645 021 1218	OSC,CERAMIC 8.00MHZ	C116	403 022 8205	CERAMIC 33P J 50V
	645 037 5187	OSC,CERAMIC 8.00MHZ	C1165	403 069 9500	CERAMIC 0.01U Z 50V
X3811	645 021 1218	OSC,CERAMIC 8.00MHZ	C1166	403 069 9500	CERAMIC 0.01U Z 50V
	645 037 5187	OSC,CERAMIC 8.00MHZ	C1167	403 069 9500	CERAMIC 0.01U Z 50V
X3821	645 021 1218	OSC,CERAMIC 8.00MHZ	C1171	403 069 5601	CERAMIC 0.01U K 50V
	645 037 5187	OSC,CERAMIC 8.00MHZ	C1172	403 192 5905	CERAMIC 0.1U K 25V
X3841	645 021 1218	OSC,CERAMIC 8.00MHZ	C1173	403 314 5905	CERAMIC 0.47U K 16V
	645 037 5187	OSC,CERAMIC 8.00MHZ	C1174	403 192 5905	CERAMIC 0.1U K 25V
X3861	645 024 8566	OSC,CERAMIC 6.00MHZ	C1176	403 314 5905	CERAMIC 0.47U K 16V
	645 037 5217	OSC,CERAMIC 6.00MHZ	C1181	403 073 9107	CERAMIC 4700P K 50V
*****			C1182	403 069 5601	CERAMIC 0.01U K 50V
610 287 7472 ASSY,PWB,VIDEO MF6AF			C1183	403 162 6604	ELECT 2.2U M 50V
TRANSISTOR			C1184	403 192 5905	CERAMIC 0.1U K 25V
Q106	405 014 4509	TR 2SC2412K T146 R	C1185	403 192 5905	CERAMIC 0.1U K 25V
Q108	405 014 4509	TR 2SC2412K T146 R	C1186	403 314 5905	CERAMIC 0.47U K 16V
Q111	405 014 4509	TR 2SC2412K T146 R	C119	403 022 8205	CERAMIC 33P J 50V
Q1112	405 014 4509	TR 2SC2412K T146 R	C1191	403 073 7301	CERAMIC 470P K 50V
Q1113	405 014 4509	TR 2SC2412K T146 R	C1192	403 314 5905	CERAMIC 0.47U K 16V
Q1114	405 014 4509	TR 2SC2412K T146 R	C131	403 304 3300	ELECT 47U M 16V
Q1116	405 014 4509	TR 2SC2412K T146 R	C132	403 070 2606	CERAMIC 0.1U Z 50V
Q1117	405 014 4509	TR 2SC2412K T146 R	C141	403 162 4709	ELECT 10U M 16V
Q1118	405 014 4509	TR 2SC2412K T146 R	C142	403 192 5905	CERAMIC 0.1U K 25V
Q114	405 014 4509	TR 2SC2412K T146 R	C143	403 192 5905	CERAMIC 0.1U K 25V
Q117	405 014 4509	TR 2SC2412K T146 R	C146	403 162 4006	ELECT 22U M 6.3V
Q1171	405 134 5905	TR 2SA1037AK-T146-R	C147	403 070 2606	CERAMIC 0.1U Z 50V
Q161	405 014 4509	TR 2SC2412K T146 R	C151	403 266 8207	NP-ELECT 10U M 16V
Q2121	405 014 4509	TR 2SC2412K T146 R	C156	403 266 8207	NP-ELECT 10U M 16V
Q2122	405 014 4509	TR 2SC2412K T146 R	C161	403 314 5905	CERAMIC 0.47U K 16V
Q2123	405 134 5905	TR 2SA1037AK-T146-R	C162	403 162 4709	ELECT 10U M 16V
Q2124	405 014 4509	TR 2SC2412K T146 R	C163	403 192 5905	CERAMIC 0.1U K 25V
Q2161	405 014 4509	TR 2SC2412K T146 R	C164	403 192 5905	CERAMIC 0.1U K 25V
Q2171	405 014 4509	TR 2SC2412K T146 R	C166	403 192 5905	CERAMIC 0.1U K 25V
Q6101	405 134 5905	TR 2SA1037AK-T146-R	C167	403 018 0503	CERAMIC 22P J 50V
Q6131	405 014 4509	TR 2SC2412K T146 R	C171	403 162 4006	ELECT 22U M 6.3V
Q6141	405 014 4509	TR 2SC2412K T146 R	C172	403 162 4709	ELECT 10U M 16V
Q6146	405 014 4509	TR 2SC2412K T146 R	C173	403 070 2606	CERAMIC 0.1U Z 50V
Q6151	405 014 4509	TR 2SC2412K T146 R	C177	403 162 4709	ELECT 10U M 16V
Q6176	405 134 5905	TR 2SA1037AK-T146-R	C178	403 070 2606	CERAMIC 0.1U Z 50V
Q6183	405 014 4509	TR 2SC2412K T146 R	C181	403 162 4709	ELECT 10U M 16V
Q6186	405 134 5905	TR 2SA1037AK-T146-R	C182	403 314 5905	CERAMIC 0.47U K 16V
Q6188	405 014 4509	TR 2SC2412K T146 R	C183	403 162 4709	ELECT 10U M 16V
Q6191	405 014 4509	TR 2SC2412K T146 R	C184	403 192 5905	CERAMIC 0.1U K 25V
Q6196	405 014 4509	TR 2SC2412K T146 R	C186	403 192 5905	CERAMIC 0.1U K 25V
INTEGRATED CIRCUIT			C187	403 192 5905	CERAMIC 0.1U K 25V
IC101	409 051 2900	IC TC4053BF(EL)	C191	403 314 5905	CERAMIC 0.47U K 16V
IC111	409 051 2900	IC TC4053BF(EL)	C192	403 018 0503	CERAMIC 22P J 50V
IC1151	409 404 3509	IC CXA2076Q	C2101	403 175 4505	ELECT 47U M 6.3V
IC141	409 463 9306	IC EL5244CS	C2102	403 070 2606	CERAMIC 0.1U Z 50V
IC161	409 408 4205	IC TDA8395T/N3	C2103	403 175 4505	ELECT 47U M 6.3V
IC171	410 300 4903	IC MM1041XM	C2104	403 070 2606	CERAMIC 0.1U Z 50V
IC176	410 300 4903	IC MM1041XM	C2106	403 175 4505	ELECT 47U M 6.3V
IC181	409 383 1602	IC TDA4665T/V4-T	C2107	403 070 2606	CERAMIC 0.1U Z 50V
	409 435 3806	IC TDA4665T/V5T	C2108	403 175 4505	ELECT 47U M 6.3V
IC191	409 429 6400	IC AD8055ART	C2109	403 070 2606	CERAMIC 0.1U Z 50V
IC2101	409 418 9504	IC TC9090AF	C2111	403 314 5905	CERAMIC 0.47U K 16V
IC2151	409 350 3400	IC LT1253CS8	C2112	403 011 4904	CERAMIC 120P J 50V
IC6101	410 359 8303	IC SN74LS221NSR	C2123	403 069 5601	CERAMIC 0.01U K 50V
IC6131	409 284 4306	IC LA7217M-TE-R	C2124	403 069 5601	CERAMIC 0.01U K 50V
	409 441 8406	IC LA7217M-T-TRM	C2131	403 028 4102	CERAMIC 56P J 50V
IC6161	409 051 2900	IC TC4053BF(EL)	C2132	403 022 8205	CERAMIC 33P J 50V
CAPACITOR			C2133	403 070 0909	CERAMIC 0.1U K 50V
C101	403 175 4505	ELECT 47U M 6.3V	C2141	403 069 5601	CERAMIC 0.01U K 50V
C102	403 314 5905	CERAMIC 0.47U K 16V	C2142	403 069 5601	CERAMIC 0.01U K 50V
C103	403 322 7809	ELECT 220U M 6.3V	C2143	403 069 5601	CERAMIC 0.01U K 50V
C104	403 070 2606	CERAMIC 0.1U Z 50V	C2144	403 069 5601	CERAMIC 0.01U K 50V
C105	403 070 2606	CERAMIC 0.1U Z 50V	C2146	403 069 5601	CERAMIC 0.01U K 50V
C106	403 069 9500	CERAMIC 0.01U Z 50V	C2147	403 014 9203	CERAMIC 180P J 50V
C107	403 069 9500	CERAMIC 0.01U Z 50V	C2148	403 069 5601	CERAMIC 0.01U K 50V
C108	403 069 9500	CERAMIC 0.01U Z 50V	C2149	403 175 4505	ELECT 47U M 6.3V
C109	403 069 9500	CERAMIC 0.01U Z 50V	C2151	403 175 4109	ELECT 22U M 16V
C1101	403 229 3508	ELECT 100U M 16V	C2152	403 070 2606	CERAMIC 0.1U Z 50V
C1102	403 314 5905	CERAMIC 0.47U K 16V	C2166	403 162 4709	ELECT 10U M 16V
C1103	403 314 5905	CERAMIC 0.47U K 16V	C2171	403 018 0503	CERAMIC 22P J 50V
C1104	403 314 5905	CERAMIC 0.47U K 16V	C2176	403 162 4709	ELECT 10U M 16V
C1105	403 314 5905	CERAMIC 0.47U K 16V	C2181	403 018 0503	CERAMIC 22P J 50V
C1106	403 175 4109	ELECT 22U M 16V	C6101	403 322 7809	ELECT 220U M 6.3V
C1107	403 314 5905	CERAMIC 0.47U K 16V	C6102	403 070 2606	CERAMIC 0.1U Z 50V
			C6106	403 033 4500	CERAMIC 82P J 50V

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C6107	403 033 4500	CERAMIC 82P J 50V	R193	401 038 0701	MT-GLAZE 2.2K JA 1/10W
C6131	403 322 7809	ELECT 220U M 6.3V	R196	401 112 7602	MT-GLAZE 1K FA 1/10W
C6132	403 192 5905	CERAMIC 0.1U K 25V	R197	401 092 2406	MT-GLAZE 2.2K FA 1/10W
C6133	403 215 2508	CERAMIC 0.056U K 50V	R198	401 037 5400	MT-GLAZE 1K JA 1/10W
C6134	403 072 1607	CERAMIC 0.022U K 50V	R2111	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
C6136	403 162 6208	ELECT 1U M 50V	R2116	401 037 7800	MT-GLAZE 150 JA 1/10W
C6137	403 162 6208	ELECT 1U M 50V	R2117	401 037 7800	MT-GLAZE 150 JA 1/10W
C6138	403 075 4803	CERAMIC 820P K 50V	R2121	401 038 0701	MT-GLAZE 2.2K JA 1/10W
C6139	403 069 5601	CERAMIC 0.01U K 50V	R2122	401 037 5400	MT-GLAZE 1K JA 1/10W
C6161	403 175 4109	ELECT 22U M 16V	R2123	401 037 5400	MT-GLAZE 1K JA 1/10W
C6162	403 207 0505	CERAMIC 0.47U Z 16V	R2124	401 037 5400	MT-GLAZE 1K JA 1/10W
C6163	403 175 4109	ELECT 22U M 16V	R2126	401 037 6803	MT-GLAZE 12K JA 1/10W
C6164	403 070 2606	CERAMIC 0.1U Z 50V	R2127	401 038 3603	MT-GLAZE 3.3K JA 1/10W
C6171TM	403 023 9607	CERAMIC 39P J 50V	R2128	401 037 5400	MT-GLAZE 1K JA 1/10W
C6176	403 018 0503	CERAMIC 22P J 50V	R2129	401 037 5400	MT-GLAZE 1K JA 1/10W
C6191	403 070 2606	CERAMIC 0.1U Z 50V	R2131	401 037 7909	MT-GLAZE 1.5K JA 1/10W
C6196	403 070 2606	CERAMIC 0.1U Z 50V	R2133	401 037 5400	MT-GLAZE 1K JA 1/10W
RESISTOR			R2134	401 037 5400	MT-GLAZE 1K JA 1/10W
R101	401 218 9203	MT-GLAZE 100 JA 1/3W	R2141	401 039 0403	MT-GLAZE 8.2K JA 1/10W
R102	401 218 9203	MT-GLAZE 100 JA 1/3W	R2142	401 037 6803	MT-GLAZE 12K JA 1/10W
R106	401 037 5400	MT-GLAZE 1K JA 1/10W	R2143	401 039 0304	MT-GLAZE 820 JA 1/10W
R107	401 037 5202	MT-GLAZE 100 JA 1/10W	R2144	401 038 5102	MT-GLAZE 3.9K JA 1/10W
R108	401 037 5608	MT-GLAZE 10K JA 1/10W	R2146	401 037 5608	MT-GLAZE 10K JA 1/10W
R109	401 037 5707	MT-GLAZE 100K JA 1/10W	R2147	401 037 5608	MT-GLAZE 10K JA 1/10W
R111	401 037 5400	MT-GLAZE 1K JA 1/10W	R2161	401 037 5202	MT-GLAZE 100 JA 1/10W
R1111	401 038 6307	MT-GLAZE 470 JA 1/10W	R2162	401 037 5400	MT-GLAZE 1K JA 1/10W
R1112	401 038 7809	MT-GLAZE 56K JA 1/10W	R2163	401 112 7602	MT-GLAZE 1K FA 1/10W
R1113	401 038 7809	MT-GLAZE 56K JA 1/10W	R2164	401 092 3304	MT-GLAZE 1.2K FA 1/10W
R1114	401 038 7809	MT-GLAZE 56K JA 1/10W	R2166	401 111 5005	MT-GLAZE 100K FA 1/10W
R1115	401 037 7909	MT-GLAZE 1.5K JA 1/10W	R2167	401 100 5207	MT-GLAZE 15K FA 1/10W
R112	401 037 5400	MT-GLAZE 1K JA 1/10W	R2168	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R1121	401 037 5707	MT-GLAZE 100K JA 1/10W	R2171	401 037 5400	MT-GLAZE 1K JA 1/10W
R1122	401 037 5707	MT-GLAZE 100K JA 1/10W	R2172	401 037 5400	MT-GLAZE 1K JA 1/10W
R1123	401 037 5707	MT-GLAZE 100K JA 1/10W	R2173	401 112 7602	MT-GLAZE 1K FA 1/10W
R1126	401 037 5707	MT-GLAZE 100K JA 1/10W	R2174	401 112 7602	MT-GLAZE 1K FA 1/10W
R1127	401 037 5707	MT-GLAZE 100K JA 1/10W	R2176	401 111 5005	MT-GLAZE 100K FA 1/10W
R1128	401 037 5400	MT-GLAZE 1K JA 1/10W	R2177	401 147 9107	MT-GLAZE 39K FA 1/10W
R1129	401 037 5707	MT-GLAZE 100K JA 1/10W	R2178	401 037 5400	MT-GLAZE 1K JA 1/10W
R1139	401 037 5608	MT-GLAZE 10K JA 1/10W	R2181	401 092 2406	MT-GLAZE 2.2K FA 1/10W
R114	401 038 0701	MT-GLAZE 2.2K JA 1/10W	R2182	401 037 5202	MT-GLAZE 100 JA 1/10W
R1141	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R2183	401 112 7602	MT-GLAZE 1K FA 1/10W
R115	401 037 5400	MT-GLAZE 1K JA 1/10W	R2184	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R1165	401 037 5608	MT-GLAZE 10K JA 1/10W	R2186	401 092 2406	MT-GLAZE 2.2K FA 1/10W
R1166	401 037 5608	MT-GLAZE 10K JA 1/10W	R2187	401 089 7704	MT-GLAZE 8.2K FA 1/10W
R1167	401 037 5608	MT-GLAZE 10K JA 1/10W	R2192	401 037 5400	MT-GLAZE 1K JA 1/10W
R1168	401 038 0701	MT-GLAZE 2.2K JA 1/10W	R2194	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R1169	401 037 9200	MT-GLAZE 1.8K JA 1/10W	R6101	401 258 7504	MT-GLAZE 12 JA 1/3W
R117	401 038 0701	MT-GLAZE 2.2K JA 1/10W	R6102	401 038 7809	MT-GLAZE 56K JA 1/10W
R1171	401 038 6307	MT-GLAZE 470 JA 1/10W	R6106	401 038 3702	MT-GLAZE 33K JA 1/10W
R1172	401 038 2101	MT-GLAZE 2.7K JA 1/10W	R6107	401 037 9408	MT-GLAZE 180K JA 1/10W
R1173	401 037 5202	MT-GLAZE 100 JA 1/10W	R6108	401 037 5707	MT-GLAZE 100K JA 1/10W
R1174	401 037 5400	MT-GLAZE 1K JA 1/10W	R6109	401 039 0601	MT-GLAZE 820K JA 1/10W
R1175	401 037 5400	MT-GLAZE 1K JA 1/10W	R6131	401 037 5103	MT-GLAZE 10 JA 1/10W
R1176	401 037 7800	MT-GLAZE 150 JA 1/10W	R6132	401 037 8104	MT-GLAZE 150K JA 1/10W
R1178	401 038 3603	MT-GLAZE 3.3K JA 1/10W	R6133	401 038 5102	MT-GLAZE 3.9K JA 1/10W
R1179	401 037 5400	MT-GLAZE 1K JA 1/10W	R6134	401 038 7601	MT-GLAZE 560 JA 1/10W
R118	401 037 5400	MT-GLAZE 1K JA 1/10W	R6136	401 037 5400	MT-GLAZE 1K JA 1/10W
R1181	401 038 6307	MT-GLAZE 470 JA 1/10W	R6137	401 037 5400	MT-GLAZE 1K JA 1/10W
R1182	401 037 5608	MT-GLAZE 10K JA 1/10W	R6141	401 037 5400	MT-GLAZE 1K JA 1/10W
R1183	401 038 7700	MT-GLAZE 5.6K JA 1/10W	R6142	401 037 9309	MT-GLAZE 18K JA 1/10W
R1186	401 038 3801	MT-GLAZE 330K JA 1/10W	R6143	401 037 5400	MT-GLAZE 1K JA 1/10W
R1187	401 037 5202	MT-GLAZE 100 JA 1/10W	R6144	401 037 5103	MT-GLAZE 10 JA 1/10W
R1188	401 037 5202	MT-GLAZE 100 JA 1/10W	R6146	401 037 5400	MT-GLAZE 1K JA 1/10W
R1191	401 037 8005	MT-GLAZE 15K JA 1/10W	R6147	401 037 9200	MT-GLAZE 1.8K JA 1/10W
R121	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R6148	401 037 5400	MT-GLAZE 1K JA 1/10W
R122	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R6149	401 037 5103	MT-GLAZE 10 JA 1/10W
R123	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R6151	401 037 5400	MT-GLAZE 1K JA 1/10W
R141	401 037 5608	MT-GLAZE 10K JA 1/10W	R6152	401 038 7700	MT-GLAZE 5.6K JA 1/10W
R142	401 038 7700	MT-GLAZE 5.6K JA 1/10W	R6153	401 037 5400	MT-GLAZE 1K JA 1/10W
R143	401 037 5400	MT-GLAZE 1K JA 1/10W	R6154	401 037 5103	MT-GLAZE 10 JA 1/10W
R144	401 037 5400	MT-GLAZE 1K JA 1/10W	R6161	401 037 5608	MT-GLAZE 10K JA 1/10W
R151	401 112 7602	MT-GLAZE 1K FA 1/10W	R6162	401 038 7809	MT-GLAZE 56K JA 1/10W
R152	401 092 3502	MT-GLAZE 22K FA 1/10W	R6163	401 037 5608	MT-GLAZE 10K JA 1/10W
R153	401 092 2406	MT-GLAZE 2.2K FA 1/10W	R6171	401 037 7909	MT-GLAZE 1.5K JA 1/10W
R154	401 092 2406	MT-GLAZE 2.2K FA 1/10W	R6172	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R156	401 092 3304	MT-GLAZE 1.2K FA 1/10W	R6174	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R157	401 092 3502	MT-GLAZE 22K FA 1/10W	R6176	401 037 5400	MT-GLAZE 1K JA 1/10W
R158	401 092 2406	MT-GLAZE 2.2K FA 1/10W	R6177	401 037 5202	MT-GLAZE 100 JA 1/10W
R159	401 092 2406	MT-GLAZE 2.2K FA 1/10W	R6181	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R161	401 037 6902	MT-GLAZE 120K JA 1/10W	R6182	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R162	401 038 0909	MT-GLAZE 220K JA 1/10W	R6183	401 037 5103	MT-GLAZE 10 JA 1/10W
R163	401 037 5400	MT-GLAZE 1K JA 1/10W	R6184	401 037 5400	MT-GLAZE 1K JA 1/10W
R164	401 037 5202	MT-GLAZE 100 JA 1/10W	R6186	401 037 5202	MT-GLAZE 100 JA 1/10W
R166	401 037 5608	MT-GLAZE 10K JA 1/10W	R6187	401 037 5400	MT-GLAZE 1K JA 1/10W
R167	401 037 5400	MT-GLAZE 1K JA 1/10W	R6188	401 037 5400	MT-GLAZE 1K JA 1/10W
R171	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R6192	401 037 5608	MT-GLAZE 10K JA 1/10W
R172	401 143 9408	MT-GLAZE 220 FA 1/10W	R6193	401 037 5707	MT-GLAZE 100K JA 1/10W
R173	401 089 7605	MT-GLAZE 3.3K FA 1/10W	R6197	401 037 5608	MT-GLAZE 10K JA 1/10W
R176	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	R6198	401 037 5707	MT-GLAZE 100K JA 1/10W
R177	401 178 9008	MT-GLAZE 120 FA 1/10W	COIL		
R178	401 089 7605	MT-GLAZE 3.3K FA 1/10W	L141	645 001 4512	INDUCTOR, 10U K
R181	401 240 7307	MT-GLAZE 8.2 JA 1/3W	L171	645 001 4512	INDUCTOR, 10U K
R182	401 240 7307	MT-GLAZE 8.2 JA 1/3W	L2101	645 020 1776	INDUCTOR, 3.3U M
R183	401 037 5400	MT-GLAZE 1K JA 1/10W	L2102	645 020 1776	INDUCTOR, 3.3U M
R192	401 037 5400	MT-GLAZE 1K JA 1/10W	L2103	645 020 1776	INDUCTOR, 3.3U M

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
L2104	645 020 1776	INDUCTOR, 3.3U M	R6637	401 037 5608	MT-GLAZE 10K JA 1/10W
L2106	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R6638	401 038 6406	MT-GLAZE 4.7K JA 1/10W
L2107	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R6639	401 037 5608	MT-GLAZE 10K JA 1/10W
L2108	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R6640	401 276 4707	MT-GLAZE 0.000 ZA 1/3W
L2121	645 004 2409	INDUCTOR, 33U J	R6641	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
L2122	645 004 2430	INDUCTOR, 56U J	R6642	401 038 0701	MT-GLAZE 2.2K JA 1/10W
L2161	645 025 6066	FILTER, LP 7MHZ	R6643	401 092 3106	MT-GLAZE 33K FA 1/10W
L2171	645 025 6066	FILTER, LP 7MHZ	R6644	401 061 2505	OXIDE-MT 330 JA 1W
L2181	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R6646	401 038 6208	MT-GLAZE 47 JA 1/10W
L6161	645 020 1776	INDUCTOR, 3.3U M	R6647	401 037 9408	MT-GLAZE 180K JA 1/10W
DIODE			R6648	401 038 3801	MT-GLAZE 330K JA 1/10W
D101	407 179 1706	ZENER DIODE UDZ5.1B-TE-17	R6649	401 038 9308	MT-GLAZE 68K JA 1/10W
D102	407 149 0807	DIODE 1SS355-TE-17	R6650	401 038 5300	MT-GLAZE 39K JA 1/10W
D1168	407 149 0807	DIODE 1SS355-TE-17	R6651	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
D161	407 149 0807	DIODE 1SS355-TE-17	R6652	401 038 2903	MT-GLAZE 300 JA 1/10W
D191	407 149 0807	DIODE 1SS355-TE-17	R6653	401 038 7205	MT-GLAZE 5.1K JA 1/10W
D6106	407 149 0807	DIODE 1SS355-TE-17	R6654	401 038 0107	MT-GLAZE 2K JA 1/10W
D6107	407 149 0807	DIODE 1SS355-TE-17	R6655	401 037 5608	MT-GLAZE 10K JA 1/10W
MISCELLANEOUS			R6657	401 038 0800	MT-GLAZE 22K JA 1/10W
TP2101	645 036 5010	TERMINAL	R6658	401 037 5608	MT-GLAZE 10K JA 1/10W
TP6131	645 036 5010	TERMINAL	R6659	401 037 5608	MT-GLAZE 10K JA 1/10W
K20H	645 005 6949	PLUG, SIDE-ZR-SM3 6P	R6661	401 038 0800	MT-GLAZE 22K JA 1/10W
K20J	645 005 6970	PLUG, SIDE-ZR-SM3 9P	R6662	401 038 0800	MT-GLAZE 22K JA 1/10W
K20K	645 005 6963	PLUG, SIDE-ZR-SM3 8P	COIL		
K20L	645 038 1645	PLUG, SIDE-ZR-SM3 12P	L6611	645 007 8002	INDUCTOR, 15U K
K20M	645 005 8387	PLUG, 6P	L6612	645 007 7975	INDUCTOR, 100U K
X1111	645 024 8801	OSC, CRYSTAL 4.433619MHZ	L6614	645 007 7975	INDUCTOR, 100U K
	645 025 1122	OSC, CRYSTAL 4.433619MHZ	L6615	645 007 7975	INDUCTOR, 100U K
X1112	645 024 8788	OSC, CRYSTAL 3.579545MHZ	DIODE		
	645 025 1108	OSC, CRYSTAL 3.579545MHZ	D6601	407 149 0807	DIODE 1SS355-TE-17
X1113	645 028 1372	OSC, CRYSTAL 3.575611MHZ	D6602	407 149 0807	DIODE 1SS355-TE-17
	645 028 1402	OSC, CRYSTAL 3.575611MHZ	D6603	407 149 0807	DIODE 1SS355-TE-17
X1114	645 028 1365	OSC, CRYSTAL 3.582056MHZ	D6604	407 149 0807	DIODE 1SS355-TE-17
	645 028 1389	OSC, CRYSTAL 3.582056MHZ	D6606	407 149 0807	DIODE 1SS355-TE-17
X1181	610 012 0532	OSC, CERAMIC 500.0KHZ	D6610	407 190 4106	DIODE SFPL-52V
X6131	645 006 3459	OSC, CERAMIC 500.0KHZ	D6611	407 149 0807	DIODE 1SS355-TE-17

610 287 8530	ASSY, PWB, SUB POWER MF6AF				
TRANSISTOR					
Q6601	405 014 4509	TR 2SC2412K T146 R			
Q6603	405 118 5402	TR 2SB1452-R-DL			
	405 118 5501	TR 2SB1452-S-DL			
Q6604	405 014 4509	TR 2SC2412K T146 R			
Q6605	405 014 4509	TR 2SC2412K T146 R			
Q6606	405 014 4509	TR 2SC2412K T146 R			
Q6607	405 014 4509	TR 2SC2412K T146 R			
INTEGRATED CIRCUIT					
IC6603	409 459 5404	IC FA7612CN			
IC6604	409 051 2900	IC TC4053BF(EL)			
CAPACITOR					
CN6AH	645 008 3389	PLUG, 15P			
C6601	403 194 4609	ELECT 470U M 16V			
C6602	403 042 3006	ELECT 100U M 16V			
C6603	403 042 3006	ELECT 100U M 16V			
C6604	403 042 3006	ELECT 100U M 16V			
C6606	403 042 3006	ELECT 100U M 16V			
C6607	403 042 3006	ELECT 100U M 16V			
C6608	403 070 2606	CERAMIC 0.1U Z 50V			
C6609	403 199 9708	ELECT 470U M 25V			
C6611	403 070 2606	CERAMIC 0.1U Z 50V			
C6612	403 208 6001	ELECT 2200U M 6.3V			
C6613	403 208 6001	ELECT 2200U M 6.3V			
C6614	403 070 2606	CERAMIC 0.1U Z 50V			
C6622	403 039 7307	ELECT 100U M 10V			
C6625	403 069 9500	CERAMIC 0.01U Z 50V			
C6630	403 070 2606	CERAMIC 0.1U Z 50V			
C6631	403 199 9708	ELECT 470U M 25V			
C6632	403 042 8308	ELECT 22U M 16V			
C6634	403 069 1702	CERAMIC 1000P K 50V			
C6636	403 073 9107	CERAMIC 4700P K 50V			
C6637	403 194 4609	ELECT 470U M 16V			
C6641	403 069 9500	CERAMIC 0.01U Z 50V			
C6642	403 069 9500	CERAMIC 0.01U Z 50V			
C6643	403 316 5408	CERAMIC 1U K 10V			
C6644	403 069 9500	CERAMIC 0.01U Z 50V			
RESISTOR					
R6600	401 279 3905	MT-GLAZE 39 JA 1/3W			
R6601	401 279 3905	MT-GLAZE 39 JA 1/3W			
R6602	401 279 3905	MT-GLAZE 39 JA 1/3W			
R6603	401 240 7208	MT-GLAZE 33 JA 1/3W			
R6604	401 279 3905	MT-GLAZE 39 JA 1/3W			
R6606	401 240 7307	MT-GLAZE 8.2 JA 1/3W			
R6607	401 240 7307	MT-GLAZE 8.2 JA 1/3W			
R6608	401 258 7504	MT-GLAZE 12 JA 1/3W			
R6609	401 258 7504	MT-GLAZE 12 JA 1/3W			
R6611	401 276 4707	MT-GLAZE 0.000 ZA 1/3W			
R6612	401 276 4707	MT-GLAZE 0.000 ZA 1/3W			
R6613	401 037 5608	MT-GLAZE 10K JA 1/10W			
R6614	401 037 5608	MT-GLAZE 10K JA 1/10W			
R6616	401 037 5608	MT-GLAZE 10K JA 1/10W			
R6617	401 037 5608	MT-GLAZE 10K JA 1/10W			
R6618	401 037 5608	MT-GLAZE 10K JA 1/10W			
R6634	401 038 7700	MT-GLAZE 5.6K JA 1/10W			
R6635	401 037 5608	MT-GLAZE 10K JA 1/10W			

610 287 8547	ASSY, PWB, AUDIO MF6AF				
INTEGRATED CIRCUIT					
IC1651	409 402 7905	IC LA4227			
IC1652	409 367 1604	IC BH3540AFS-E2			
IC1653	409 124 5302	IC L78M05T-TR			
IC1654	409 444 8106	IC LM2931CD			
IC1691	409 367 2809	IC BA178M09T			
IC1692	409 367 2809	IC BA178M09T			
CAPACITOR					
C1651	403 228 5602	ELECT 100U M 25V			
C1652	403 233 0302	ELECT 100U M 16V			
C1653	403 233 0302	ELECT 100U M 16V			
C1654	403 233 0302	ELECT 100U M 16V			
C1655	403 199 9708	ELECT 470U M 25V			
C1656	403 237 8007	MT-COMPO 0.1U J 50V			
C1657	403 199 9708	ELECT 470U M 25V			
C1658	403 258 3203	ELECT 22U M 16V			
C1659	403 199 9708	ELECT 470U M 25V			
C1660	403 070 2606	CERAMIC 0.1U Z 50V			
C1661	403 199 9708	ELECT 470U M 25V			
C1662	403 233 0302	ELECT 100U M 16V			
C1663	403 233 0302	ELECT 100U M 16V			
C1664	403 070 2606	CERAMIC 0.1U Z 50V			
C1665	403 070 2606	CERAMIC 0.1U Z 50V			
C1666	403 237 8007	MT-COMPO 0.1U J 50V			
C1667	403 199 9708	ELECT 470U M 25V			
C1668	403 258 3203	ELECT 22U M 16V			
C1669	403 199 9708	ELECT 470U M 25V			
C1671	403 070 2606	CERAMIC 0.1U Z 50V			
C1672	403 258 3203	ELECT 22U M 16V			
C1673	403 258 3203	ELECT 22U M 16V			
C1674	403 069 9500	CERAMIC 0.01U Z 50V			
C1675	403 232 9702	ELECT 220U M 6.3V			

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C1676	403 199 9708	ELECT 470U M 25V	Q4147	405 014 4509	TR 2SC2412K T146 R
C1677	403 069 9500	CERAMIC 0.01U Z 50V	Q4148	405 014 4509	TR 2SC2412K T146 R
C1678	403 199 9708	ELECT 470U M 25V	Q4149	405 134 5905	TR 2SA1037AK-T146-R
C1679	403 070 2606	CERAMIC 0.1U Z 50V	Q4150	405 014 4509	TR 2SC2412K T146 R
C1680	403 070 2606	CERAMIC 0.1U Z 50V	Q4151	405 014 4509	TR 2SC2412K T146 R
C1681	403 208 6407	ELECT 220U M 25V	Q4152	405 014 4509	TR 2SC2412K T146 R
C1682	403 258 3203	ELECT 22U M 16V	Q4161	405 134 5905	TR 2SA1037AK-T146-R
C1683	403 258 3203	ELECT 22U M 16V	Q441	405 014 4509	TR 2SC2412K T146 R
C1689	403 233 0302	ELECT 100U M 16V	Q442	405 014 4509	TR 2SC2412K T146 R
C1691	403 199 9708	ELECT 470U M 25V	Q4501	405 134 5905	TR 2SA1037AK-T146-R
C1692	403 070 2606	CERAMIC 0.1U Z 50V	Q4502	405 014 4509	TR 2SC2412K T146 R
C1693	403 070 2606	CERAMIC 0.1U Z 50V	Q4801	405 134 5905	TR 2SA1037AK-T146-R
C1694	403 208 6308	ELECT 220U M 16V	Q4802	405 134 5905	TR 2SA1037AK-T146-R
C1696	403 199 9708	ELECT 470U M 25V	Q4803	405 134 5905	TR 2SA1037AK-T146-R
C1697	403 070 2606	CERAMIC 0.1U Z 50V	Q4804	405 134 5905	TR 2SA1037AK-T146-R
C1698	403 070 2606	CERAMIC 0.1U Z 50V	Q4805	405 014 4509	TR 2SC2412K T146 R
C1699	403 208 6308	ELECT 220U M 16V	Q4808	405 014 4509	TR 2SC2412K T146 R
RESISTOR			Q4809	405 014 4509	TR 2SC2412K T146 R
R1651	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	Q4811	405 014 4509	TR 2SC2412K T146 R
R1652	401 287 1900	MT-GLAZE 910 JA 1/3W	Q4812	405 014 4509	TR 2SC2412K T146 R
R1653	401 038 0602	MT-GLAZE 220 JA 1/10W	Q4813	405 014 4509	TR 2SC2412K T146 R
R1654	401 038 3603	MT-GLAZE 3.3K JA 1/10W	INTEGRATED CIRCUIT		
R1656	401 278 4804	MT-GLAZE 3.3 JA 1/3W	IC1101	409 474 0002	IC CXA2101AQ
R1661	401 037 5400	MT-GLAZE 1K JA 1/10W	IC1111	409 461 7304	IC AD8057ART
R1662	401 287 1900	MT-GLAZE 910 JA 1/3W	IC1121	409 422 5400	IC MC74AC04DT
R1663	401 038 0602	MT-GLAZE 220 JA 1/10W		409 423 7205	IC TC74AC04FT
R1664	401 038 3603	MT-GLAZE 3.3K JA 1/10W	IC1131	410 358 1503	IC TC74HC4053AFT (EL)
R1665	401 066 3002	OXIDE-MT 2.2 JA 2W	IC1141	409 461 7304	IC AD8057ART
R1666	401 278 4804	MT-GLAZE 3.3 JA 1/3W	IC1142	409 461 7304	IC AD8057ART
R1667	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	IC1143	409 461 7304	IC AD8057ART
R1670	401 280 6704	MT-GLAZE 390 JA 1/3W	IC1201	410 336 5905	IC UPD67821
R1671	401 037 7909	MT-GLAZE 1.5K JA 1/10W	IC1202	409 416 6406	IC BA033FP-E2
R1672	401 038 0701	MT-GLAZE 2.2K JA 1/10W		409 410 1001	IC UPC2933T-E1
R1676	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	IC1241	409 444 8700	IC ICS1523M-ER
R1677	401 037 5400	MT-GLAZE 1K JA 1/10W	IC1242	410 325 4605	IC TC74LCX244FT
R1678	401 038 5003	MT-GLAZE 390 JA 1/10W	IC1501	409 419 2702	IC CXA2112R
R1679	401 038 7700	MT-GLAZE 5.6K JA 1/10W	IC1531	409 419 2702	IC CXA2112R
R1681	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	IC1561	409 419 2702	IC CXA2112R
R1692	401 069 0404	OXIDE-MT 6.8 JA 2W	IC201	409 461 7304	IC AD8057ART
R1693	401 066 9103	OXIDE-MT 27 JA 2W	IC202	409 461 7304	IC AD8057ART
R1697	401 069 0404	OXIDE-MT 6.8 JA 2W	IC203	409 461 7304	IC AD8057ART
R1698	401 067 8204	OXIDE-MT 39 JA 2W	IC204	409 470 2604	IC AD8183ARU
VARIABLE RESISTOR			IC2201	410 308 6404	IC MB40988FPFQ-G-MSBND
VR1651	645 002 7031	VR, SEMI, 220 S	IC221	409 357 6602	IC LT1260CS
COIL			IC2381	409 458 3401	IC M62393FP
L1651	645 007 8118	INDUCTOR, 390U K	IC241	409 357 6602	IC LT1260CS
DIODE			IC2501	409 343 0201	IC LT1206CS8
D1651	407 179 1706	ZENER DIODE UDZ5.1B-TE-17	IC2502	409 343 0201	IC LT1206CS8
D1652	407 149 0807	DIODE 1SS355-TE-17	IC251	409 416 6406	IC BA033FP-E2
D1653	407 149 0807	DIODE 1SS355-TE-17		409 410 1001	IC UPC2933T-E1
D1656	407 149 0807	DIODE 1SS355-TE-17	IC261	409 444 0902	IC AD9483KS-100
D1691	407 149 0807	DIODE 1SS355-TE-17	IC281	409 444 0902	IC AD9483KS-100
D1696	407 149 0807	DIODE 1SS355-TE-17	IC301	410 357 5403	IC UPD82559N7-001-H6
MISCELLANEOUS			IC303	409 431 6009	IC MC74VHC14DT
K16BB	645 008 3365	PLUG, 12P		410 356 8009	IC SN74LV14APWR
K16FF	645 006 0922	PLUG, 5P	IC304	410 358 1503	IC TC74HC4053AFT (EL)
K16GG	645 006 0939	PLUG, 6P	IC311	410 342 8808	IC MSM54V16258BSL-40TS-K
K16T	645 004 2706	PLUG, 4P	IC3201	410 342 3803	IC EPF6024AQC208-3
				410 362 7201	IC EPF6024AQC208-3
*****			IC3202	410 357 6301	IC EPC1441LC20-B592
610 287 6710	ASSY, PWB, MAIN MH6AA		IC3203	409 416 6406	IC BA033FP-E2
TRANSISTOR				409 410 1001	IC UPC2933T-E1
Q1101	405 134 5905	TR 2SA1037AK-T146-R	IC321	410 342 8808	IC MSM54V16258BSL-40TS-K
Q1102	405 134 5905	TR 2SA1037AK-T146-R	IC3301	409 440 2900	IC LC24106A-PC7
Q1103	405 014 4509	TR 2SC2412K T146 R	IC3303	409 416 6406	IC BA033FP-E2
Q1131	405 014 4509	TR 2SC2412K T146 R		409 410 1001	IC UPC2933T-E1
Q1132	405 134 5905	TR 2SA1037AK-T146-R	IC3321	410 311 5708	IC MC74HCT244ADT
Q1133	405 014 4509	TR 2SC2412K T146 R		410 331 2107	IC HD74HCT244TVELL
Q1151	405 014 4509	TR 2SC2412K T146 R	IC3331	410 315 5308	IC MC74ACT244DT
Q1152	405 014 4509	TR 2SC2412K T146 R		410 331 2008	IC HD74ACT244TELL
Q1153	405 014 4509	TR 2SC2412K T146 R		410 358 7406	IC SN74ACT244PWR
Q1161	405 134 5905	TR 2SA1037AK-T146-R	IC3341	410 311 5708	IC MC74HCT244ADT
Q1162	405 014 4509	TR 2SC2412K T146 R		410 331 2107	IC HD74HCT244TVELL
Q1241	405 014 4509	TR 2SC2412K T146 R	IC3351	409 419 3709	IC MC10H351ML1
Q1801	405 014 4509	TR 2SC2412K T146 R	IC3371	410 325 4704	IC HD74LVLC244AT
Q201	405 014 4509	TR 2SC2412K T146 R	IC351	409 428 7101	IC AV9155C
Q202	405 014 4509	TR 2SC2412K T146 R	IC352	409 416 6406	IC BA033FP-E2
Q203	405 014 4509	TR 2SC2412K T146 R		409 410 1001	IC UPC2933T-E1
Q241	405 014 4509	TR 2SC2412K T146 R		409 428 7101	IC AV9155C
Q4111	405 014 4509	TR 2SC2412K T146 R	IC361	409 483 0703	IC MPC948LFA
Q4121	405 014 4509	TR 2SC2412K T146 R	IC371	409 428 7507	IC MC74LCX04DT
Q4122	405 014 4509	TR 2SC2412K T146 R	IC381	409 429 2808	IC TC74LCX04FT (EL)
Q4123	405 134 5905	TR 2SA1037AK-T146-R	IC401	409 326 3007	IC M62358FP
Q4124	405 134 5905	TR 2SA1037AK-T146-R	IC4101	410 365 2104	IC SN74LS221DBR
Q4132	405 014 4509	TR 2SC2412K T146 R	IC4111	410 365 2104	IC SN74LS221DBR
Q4133	405 014 4509	TR 2SC2412K T146 R	IC4121	410 365 2104	IC SN74LS221DBR
Q4134	405 014 4509	TR 2SC2412K T146 R	IC4131	409 281 4408	IC LM1881M
Q4135	405 014 4509	TR 2SC2412K T146 R	IC4141	410 358 1503	IC TC74HC4053AFT (EL)
Q4136	405 014 4509	TR 2SC2412K T146 R	IC4151	410 300 4804	IC MM1031XM
Q4141	405 014 4509	TR 2SC2412K T146 R	IC4201	410 356 7309	IC LC98500BT-SC0
Q4142	405 014 4509	TR 2SC2412K T146 R	IC4202	410 332 2601	IC MSM56V16160D-10TS-K
Q4143	405 014 4509	TR 2SC2412K T146 R		410 368 9100	IC MSM56V16160F-10TS-K
Q4144	405 014 4509	TR 2SC2412K T146 R	IC4203	409 416 6406	IC BA033FP-E2
Q4145	405 134 5905	TR 2SA1037AK-T146-R		409 410 1001	IC UPC2933T-E1
Q4146	405 014 4509	TR 2SC2412K T146 R	IC4231	410 362 6907	IC EPC1441LC20-B622

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
IC4241	410 325 4704	IC HD74LVC244AT	C1133	403 149 9208	CERAMIC 0.01U Z 50V
IC4242	410 325 4605	IC TC74LCX244FT	C1134	403 149 9208	CERAMIC 0.01U Z 50V
IC4251	410 352 0601	IC EPF10K30ATC144-3	C1135	403 149 9208	CERAMIC 0.01U Z 50V
IC4252	409 416 6406	IC BA033FP-E2	C1136	403 149 9208	CERAMIC 0.01U Z 50V
	409 410 1001	IC UPC2933T-E1	C1137	403 164 0204	CERAMIC 0.1U Z 25V
IC4261	409 444 8700	IC ICS1523M-ER	C1138	403 304 3300	ELECT 47U M 16V
IC441	409 241 9405	IC L88MS05T-TL	C1139	403 162 4709	ELECT 10U M 16V
IC442	409 241 9405	IC L88MS05T-TL		403 335 0309	ELECT 10U M 16V
IC461	409 419 2603	IC CXA2111R	C1140	403 155 1500	CERAMIC 180R J 50V
IC471	409 460 8302	IC CXD3503R	C1141	403 162 6000	ELECT 0.47U M 50V
IC4801	409 416 6406	IC BA033FP-E2	C1142	403 149 9208	CERAMIC 0.01U Z 50V
	409 410 1001	IC UPC2933T-E1	C1143	403 149 9208	CERAMIC 0.01U Z 50V
IC481	409 339 3605	IC 24LC16BT/SN-T	C1144	403 149 9208	CERAMIC 0.01U Z 50V
IC501	409 419 2702	IC CXA2112R	C1145	403 266 8900	NP-ELECT 22U M 16V
IC5301	410 319 4000	IC UPD4811650GF-A10-9BT	C1146	403 266 8900	NP-ELECT 22U M 16V
IC531	409 419 2702	IC CXA2112R	C1147	403 266 8900	NP-ELECT 22U M 16V
IC5321	410 319 4000	IC UPD4811650GF-A10-9BT	C1148	403 149 9208	CERAMIC 0.01U Z 50V
IC5341	410 319 4000	IC UPD4811650GF-A10-9BT		403 283 6309	CERAMIC 1U Z 10V
IC5361	410 335 5708	IC HD74ALVCH16374T		403 336 5600	CERAMIC 1U Z 10V
IC5362	409 416 6406	IC BA033FP-E2	C1150	403 304 1801	ELECT 100U M 6.3V
	409 410 1001	IC UPC2933T-E1	C1151	403 157 4202	CERAMIC 220P J 50V
IC5401	409 460 6704	IC CXD2303AQ	C1152	403 157 4202	CERAMIC 220P J 50V
IC5501	409 465 3104	IC A3953SLB	C1153	403 157 4202	CERAMIC 220P J 50V
IC5502	409 468 1701	IC BA06FP-E2	C1155	403 163 9802	CERAMIC 0.047U Z 25V
IC5531	409 465 3104	IC A3953SLB	C1156	403 163 9802	CERAMIC 0.047U Z 25V
IC561	409 419 2702	IC CXA2112R		403 162 4709	ELECT 10U M 16V
IC581	409 422 5400	IC MC74AC04DT		403 335 0309	ELECT 10U M 16V
	409 423 7205	IC TC74AC04FT	C1158	403 162 4709	ELECT 10U M 16V
	410 357 4208	IC SN74LV04APWR		403 335 0309	ELECT 10U M 16V
IC801	410 353 0907	IC HD64F7045F28-B558-S	C1159	403 164 0204	CERAMIC 0.1U Z 25V
	410 353 1102	IC HD64F7045F28-B558	C1160	403 304 3102	ELECT 22U M 16V
	410 366 4008	IC HD6437045E31F	C1161	403 162 4709	ELECT 10U M 16V
IC802	409 344 1900	IC MN1382-Q-TX		403 335 0309	ELECT 10U M 16V
IC803	410 402 8502	IC M5M29JB160AVP-10B724BS	C1162	403 149 9208	CERAMIC 0.01U Z 50V
	410 402 8700	IC M5M29JB160AVP-10-B724B	C1163	403 149 9208	CERAMIC 0.01U Z 50V
IC804	410 315 2802	IC QM5M51008BFPP	C1164	403 149 9208	CERAMIC 0.01U Z 50V
	410 365 1107	IC M5M51008BFPP-10LL	C1166	403 149 9208	CERAMIC 0.01U Z 50V
	410 352 4302	IC M5M51008BFPP-70L	C1167	403 149 9208	CERAMIC 0.01U Z 50V
	410 365 1602	IC M5M51008BFPP-70LL	C1168	403 149 9208	CERAMIC 0.01U Z 50V
	410 367 1501	IC M5M51008CFPP-70HI	C1169	403 149 9208	CERAMIC 0.01U Z 50V
IC805	410 315 2802	IC QM5M51008BFPP	C1170	403 149 9208	CERAMIC 0.01U Z 50V
	410 365 1107	IC M5M51008BFPP-10LL	C1171	403 149 9208	CERAMIC 0.01U Z 50V
	410 352 4302	IC M5M51008BFPP-70L	C1172	403 149 9208	CERAMIC 0.01U Z 50V
	410 365 1602	IC M5M51008BFPP-70LL	C1173	403 149 9208	CERAMIC 0.01U Z 50V
	410 367 1501	IC M5M51008CFPP-70HI	C1174	403 149 9208	CERAMIC 0.01U Z 50V
IC806	409 339 3605	IC 24LC16BT/SN-T	C1175	403 149 9208	CERAMIC 0.01U Z 50V
IC807	409 443 9609	IC MC74HC32ADT	C1176	403 149 9208	CERAMIC 0.01U Z 50V
IC808	409 330 2508	IC TC7SH04FU-(TE85L)	C1177	403 149 9208	CERAMIC 0.01U Z 50V
	410 356 7606	IC SN74AHCL1G04HDCKR	C1180	403 229 3508	ELECT 100U M 16V
IC809	409 403 6204	IC M66010GP		403 335 0408	ELECT 100U M 16V
IC810	409 403 6204	IC M66010GP	C1181	403 283 6309	CERAMIC 1U Z 10V
IC811	409 481 8602	IC LM76CHMX-5		403 336 5600	CERAMIC 1U Z 10V
IC831	410 311 5708	IC MC74HCT244ADT	C1182	403 157 1904	CERAMIC 10P D 50V
	410 315 5506	IC HD74HCT244TV	C1183	403 157 1904	CERAMIC 10P D 50V
IC832	410 325 4605	IC TC74LCX244FT	C1184	403 157 1904	CERAMIC 10P D 50V
IC9401	409 461 7304	IC AD8057ART	C1186	403 175 4802	NP-ELECT 10U M 10V
IC9421	409 461 7304	IC AD8057ART	C1187	403 164 0204	CERAMIC 0.1U Z 25V
IC9441	409 461 7304	IC AD8057ART	C1201	403 322 7809	ELECT 220U M 6.3V
CAPACITOR			C1202	403 164 0204	CERAMIC 0.1U Z 25V
C1101	403 164 0204	CERAMIC 0.1U Z 25V	C1203	403 113 3805	CERAMIC 1000P K 50V
C1102	403 164 0204	CERAMIC 0.1U Z 25V	C1204	403 164 0204	CERAMIC 0.1U Z 25V
C1103	403 164 0204	CERAMIC 0.1U Z 25V	C1205	403 113 3805	CERAMIC 1000P K 50V
C1104	403 164 0204	CERAMIC 0.1U Z 25V	C1206	403 164 0204	CERAMIC 0.1U Z 25V
C1105	403 164 0204	CERAMIC 0.1U Z 25V	C1207	403 113 3805	CERAMIC 1000P K 50V
C1106	403 164 0204	CERAMIC 0.1U Z 25V	C1208	403 164 0204	CERAMIC 0.1U Z 25V
C1107	403 283 6309	CERAMIC 1U Z 10V	C1209	403 113 3805	CERAMIC 1000P K 50V
	403 336 5600	CERAMIC 1U Z 10V	C1210	403 113 3805	CERAMIC 1000P K 50V
C1108	403 304 3102	ELECT 22U M 16V	C1211	403 164 0204	CERAMIC 0.1U Z 25V
C1109	403 164 0204	CERAMIC 0.1U Z 25V	C1212	403 113 3805	CERAMIC 1000P K 50V
C1110	403 304 3102	ELECT 22U M 16V	C1213	403 164 0204	CERAMIC 0.1U Z 25V
C1112	403 149 9208	CERAMIC 0.01U Z 50V	C1214	403 113 3805	CERAMIC 1000P K 50V
C1113	403 164 0204	CERAMIC 0.1U Z 25V	C1215	403 322 7809	ELECT 220U M 6.3V
C1114	403 149 9208	CERAMIC 0.01U Z 50V	C1241	403 280 0508	ELECT 470U M 4V
C1115	403 149 9208	CERAMIC 0.01U Z 50V	C1242	403 164 0204	CERAMIC 0.1U Z 25V
C1116	403 283 6309	CERAMIC 1U Z 10V	C1243	403 175 3904	ELECT 10U M 25V
	403 336 5600	CERAMIC 1U Z 10V		403 335 0804	ELECT 10U M 25V
C1117	403 164 0204	CERAMIC 0.1U Z 25V	C1244	403 164 0204	CERAMIC 0.1U Z 25V
C1118	403 149 9208	CERAMIC 0.01U Z 50V	C1245	403 175 3904	ELECT 10U M 25V
C1119	403 283 6309	CERAMIC 1U Z 10V		403 335 0804	ELECT 10U M 25V
	403 336 5600	CERAMIC 1U Z 10V	C1246	403 164 0204	CERAMIC 0.1U Z 25V
C1120	403 164 0204	CERAMIC 0.1U Z 25V	C1247	403 155 1609	CERAMIC 33P J 50V
C1121	403 280 1604	ELECT 220U M 16V	C1248	403 157 7302	CERAMIC 6800P K 50V
C1122	403 164 0204	CERAMIC 0.1U Z 25V	C1249	403 164 0204	CERAMIC 0.1U Z 25V
C1123	403 164 0204	CERAMIC 0.1U Z 25V	C1250	403 113 3805	CERAMIC 1000P K 50V
C1124	403 164 0204	CERAMIC 0.1U Z 25V	C1251	403 164 0204	CERAMIC 0.1U Z 25V
C1125	403 162 6000	ELECT 0.47U M 50V	C1252	403 149 9208	CERAMIC 0.01U Z 50V
C1126	403 149 9208	CERAMIC 0.01U Z 50V	C1253	403 175 3904	ELECT 10U M 25V
C1127	403 162 4709	ELECT 10U M 16V		403 335 0804	ELECT 10U M 25V
	403 335 0309	ELECT 10U M 16V	C1254	403 113 3805	CERAMIC 1000P K 50V
C1128	403 162 4709	ELECT 10U M 16V	C1256	403 113 3805	CERAMIC 1000P K 50V
	403 335 0309	ELECT 10U M 16V	C1257	403 164 0204	CERAMIC 0.1U Z 25V
	403 162 4709	ELECT 10U M 16V	C1304	403 164 0204	CERAMIC 0.1U Z 25V
C1129	403 164 0204	CERAMIC 0.1U Z 25V	C1501	403 229 3508	ELECT 100U M 16V
C1130	403 153 9102	CERAMIC 5P C 50V		403 335 0408	ELECT 100U M 16V
C1131	403 149 9208	CERAMIC 0.01U Z 50V	C1502	403 164 0204	CERAMIC 0.1U Z 25V
C1132	403 149 9208	CERAMIC 0.01U Z 50V			

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C1503	403 317 4509	ELECT 100U M 6.3V	C2509	403 164 0204	CERAMIC 0.1U Z 25V
	403 342 4307	ELECT 100U M 6.3V	C251	403 283 6309	CERAMIC 1U Z 10V
C1504	403 164 0204	CERAMIC 0.1U Z 25V		403 336 5600	CERAMIC 1U Z 10V
C1506	403 229 3508	ELECT 100U M 16V	C2511	403 162 4709	ELECT 10U M 16V
	403 335 0408	ELECT 100U M 16V		403 335 0309	ELECT 10U M 16V
C1507	403 164 0204	CERAMIC 0.1U Z 25V	C2512	403 164 0204	CERAMIC 0.1U Z 25V
C1509	403 157 1904	CERAMIC 10P D 50V	C2513	403 229 3508	ELECT 100U M 16V
C1531	403 229 3508	ELECT 100U M 16V		403 335 0408	ELECT 100U M 16V
	403 335 0408	ELECT 100U M 16V	C2514	403 149 9208	CERAMIC 0.01U Z 50V
C1532	403 164 0204	CERAMIC 0.1U Z 25V	C2516	403 164 0204	CERAMIC 0.1U Z 25V
C1533	403 317 4509	ELECT 100U M 6.3V	C2517	403 322 6109	CERAMIC 2.2U Z 16V
	403 342 4307	ELECT 100U M 6.3V	C2518	403 304 3102	ELECT 22U M 16V
C1534	403 164 0204	CERAMIC 0.1U Z 25V	C2519	403 164 0204	CERAMIC 0.1U Z 25V
C1536	403 229 3508	ELECT 100U M 16V	C252	403 162 4006	ELECT 22U M 6.3V
	403 335 0408	ELECT 100U M 16V	C2521	403 162 4709	ELECT 10U M 16V
C1537	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0309	ELECT 10U M 16V
C1539	403 157 1904	CERAMIC 10P D 50V	C2522	403 322 6109	CERAMIC 2.2U Z 16V
C1561	403 229 3508	ELECT 100U M 16V	C2523	403 164 0204	CERAMIC 0.1U Z 25V
	403 335 0408	ELECT 100U M 16V	C2524	403 304 3102	ELECT 22U M 16V
C1562	403 164 0204	CERAMIC 0.1U Z 25V	C2526	403 164 0204	CERAMIC 0.1U Z 25V
C1563	403 317 4509	ELECT 100U M 6.3V	C2527	403 162 4709	ELECT 10U M 16V
	403 342 4307	ELECT 100U M 6.3V		403 335 0309	ELECT 10U M 16V
C1564	403 164 0204	CERAMIC 0.1U Z 25V	C2528	403 164 0204	CERAMIC 0.1U Z 25V
C1566	403 229 3508	ELECT 100U M 16V	C2529	403 229 3508	ELECT 100U M 16V
	403 335 0408	ELECT 100U M 16V		403 335 0408	ELECT 100U M 16V
C1567	403 164 0204	CERAMIC 0.1U Z 25V	C253	403 164 0204	CERAMIC 0.1U Z 25V
C1569	403 157 1904	CERAMIC 10P D 50V	C2531	403 149 9208	CERAMIC 0.01U Z 50V
C1801	403 164 0204	CERAMIC 0.1U Z 25V	C254	403 149 9208	CERAMIC 0.01U Z 50V
C1802	403 164 0204	CERAMIC 0.1U Z 25V	C255	403 162 4006	ELECT 22U M 6.3V
C1803	403 164 0204	CERAMIC 0.1U Z 25V	C256	403 283 6309	CERAMIC 1U Z 10V
C1804	403 164 0204	CERAMIC 0.1U Z 25V		403 336 5600	CERAMIC 1U Z 10V
C1805	403 164 0204	CERAMIC 0.1U Z 25V	C257	403 162 4006	ELECT 22U M 6.3V
C1821	403 164 0204	CERAMIC 0.1U Z 25V	C258	403 164 0204	CERAMIC 0.1U Z 25V
C201	403 280 0805	ELECT 330U M 6.3V	C259	403 164 0204	CERAMIC 0.1U Z 25V
C202	403 164 0204	CERAMIC 0.1U Z 25V	C260	403 164 0204	CERAMIC 0.1U Z 25V
C203	403 280 0805	ELECT 330U M 6.3V	C261	403 322 7809	ELECT 220U M 6.3V
C204	403 164 0204	CERAMIC 0.1U Z 25V	C262	403 164 0204	CERAMIC 0.1U Z 25V
C205	403 157 1904	CERAMIC 10P D 50V	C263	403 322 7809	ELECT 220U M 6.3V
C206	403 157 1904	CERAMIC 10P D 50V	C264	403 164 0204	CERAMIC 0.1U Z 25V
C207	403 157 1904	CERAMIC 10P D 50V	C265	403 162 6208	ELECT 1U M 50V
C208	403 157 1508	CERAMIC 3P C 50V	C266	403 164 0204	CERAMIC 0.1U Z 25V
C209	403 157 1508	CERAMIC 3P C 50V	C267	403 164 0204	CERAMIC 0.1U Z 25V
C210	403 157 1508	CERAMIC 3P C 50V	C268	403 164 0204	CERAMIC 0.1U Z 25V
C211	403 267 0804	NP-ELECT 47U M 6.3V	C269	403 164 0204	CERAMIC 0.1U Z 25V
C212	403 267 0804	NP-ELECT 47U M 6.3V	C270	403 164 0204	CERAMIC 0.1U Z 25V
C213	403 267 0804	NP-ELECT 47U M 6.3V	C272	403 164 0204	CERAMIC 0.1U Z 25V
C214	403 267 0804	NP-ELECT 47U M 6.3V	C281	403 322 7809	ELECT 220U M 6.3V
C215	403 267 0804	NP-ELECT 47U M 6.3V	C282	403 164 0204	CERAMIC 0.1U Z 25V
C216	403 267 0804	NP-ELECT 47U M 6.3V	C283	403 322 7809	ELECT 220U M 6.3V
C2201	403 164 0204	CERAMIC 0.1U Z 25V	C284	403 164 0204	CERAMIC 0.1U Z 25V
C2202	403 322 7809	ELECT 220U M 6.3V	C285	403 164 0204	CERAMIC 0.1U Z 25V
C2203	403 164 0204	CERAMIC 0.1U Z 25V	C286	403 164 0204	CERAMIC 0.1U Z 25V
C2204	403 164 0204	CERAMIC 0.1U Z 25V	C287	403 164 0204	CERAMIC 0.1U Z 25V
C2206	403 208 1402	TA-SOLID 1U M 25V	C288	403 164 0204	CERAMIC 0.1U Z 25V
C2207	403 164 0204	CERAMIC 0.1U Z 25V	C291	403 164 0204	CERAMIC 0.1U Z 25V
C221	403 164 0204	CERAMIC 0.1U Z 25V	C292	403 164 0204	CERAMIC 0.1U Z 25V
C222	403 164 0204	CERAMIC 0.1U Z 25V	C293	403 164 0204	CERAMIC 0.1U Z 25V
C223	403 164 0204	CERAMIC 0.1U Z 25V	C301	403 164 0204	CERAMIC 0.1U Z 25V
C224	403 164 0204	CERAMIC 0.1U Z 25V	C302	403 322 7809	ELECT 220U M 6.3V
C225	403 280 1604	ELECT 220U M 16V	C303	403 164 0204	CERAMIC 0.1U Z 25V
C226	403 280 0805	ELECT 330U M 6.3V	C304	403 164 0204	CERAMIC 0.1U Z 25V
C227	403 164 0204	CERAMIC 0.1U Z 25V	C305	403 113 3805	CERAMIC 1000P K 50V
C229	403 139 7504	CERAMIC 39P J 50V	C306	403 164 0204	CERAMIC 0.1U Z 25V
C231	403 153 9300	CERAMIC 82P J 50V	C307	403 164 0204	CERAMIC 0.1U Z 25V
C232	403 153 9300	CERAMIC 82P J 50V	C308	403 113 3805	CERAMIC 1000P K 50V
C233	403 153 9300	CERAMIC 82P J 50V	C309	403 164 0204	CERAMIC 0.1U Z 25V
C234	403 153 9300	CERAMIC 82P J 50V	C311	403 164 0204	CERAMIC 0.1U Z 25V
C235	403 153 9300	CERAMIC 82P J 50V	C312	403 164 0204	CERAMIC 0.1U Z 25V
C236	403 153 9300	CERAMIC 82P J 50V	C313	403 113 3805	CERAMIC 1000P K 50V
C2381	403 283 6309	CERAMIC 1U Z 10V	C314	403 164 0204	CERAMIC 0.1U Z 25V
	403 336 5600	CERAMIC 1U Z 10V	C315	403 164 0204	CERAMIC 0.1U Z 25V
C2382	403 283 6309	CERAMIC 1U Z 10V	C316	403 113 3805	CERAMIC 1000P K 50V
	403 336 5600	CERAMIC 1U Z 10V	C317	403 164 0204	CERAMIC 0.1U Z 25V
C2383	403 304 2105	ELECT 47U M 6.3V	C318	403 113 3805	CERAMIC 1000P K 50V
C2384	403 113 3805	CERAMIC 1000P K 50V	C319	403 164 0204	CERAMIC 0.1U Z 25V
C239	403 139 7504	CERAMIC 39P J 50V	C3201	403 164 0204	CERAMIC 0.1U Z 25V
C241	403 164 0204	CERAMIC 0.1U Z 25V	C3202	403 164 0204	CERAMIC 0.1U Z 25V
C242	403 164 0204	CERAMIC 0.1U Z 25V	C3203	403 164 0204	CERAMIC 0.1U Z 25V
C243	403 164 0204	CERAMIC 0.1U Z 25V	C3204	403 164 0204	CERAMIC 0.1U Z 25V
C244	403 164 0204	CERAMIC 0.1U Z 25V	C3205	403 164 0204	CERAMIC 0.1U Z 25V
C245	403 229 3508	ELECT 100U M 16V	C3206	403 280 0508	ELECT 470U M 4V
	403 335 0408	ELECT 100U M 16V	C3207	403 164 0204	CERAMIC 0.1U Z 25V
C246	403 280 0805	ELECT 330U M 6.3V	C3208	403 164 0204	CERAMIC 0.1U Z 25V
C247	403 164 0204	CERAMIC 0.1U Z 25V	C3209	403 164 0204	CERAMIC 0.1U Z 25V
C249	403 139 7504	CERAMIC 39P J 50V	C321	403 113 3805	CERAMIC 1000P K 50V
C250	403 162 4006	ELECT 22U M 6.3V	C3211	403 164 0204	CERAMIC 0.1U Z 25V
C2501	403 229 3508	ELECT 100U M 16V	C3212	403 164 0204	CERAMIC 0.1U Z 25V
	403 335 0408	ELECT 100U M 16V	C3213	403 280 0508	ELECT 470U M 4V
C2502	403 164 0204	CERAMIC 0.1U Z 25V	C3214	403 164 0204	CERAMIC 0.1U Z 25V
C2503	403 229 3508	ELECT 100U M 16V	C3216	403 175 0606	ELECT 100U M 6.3V
	403 335 0408	ELECT 100U M 16V	C3217	403 149 9208	CERAMIC 0.01U Z 50V
C2504	403 164 0204	CERAMIC 0.1U Z 25V	C3218	403 175 0606	ELECT 100U M 6.3V
C2506	403 322 6109	CERAMIC 2.2U Z 16V	C3219	403 149 9208	CERAMIC 0.01U Z 50V
C2507	403 164 0204	CERAMIC 0.1U Z 25V	C322	403 322 7809	ELECT 220U M 6.3V
C2508	403 304 3102	ELECT 22U M 16V	C323	403 164 0204	CERAMIC 0.1U Z 25V

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C324	403 113 3805	CERAMIC 1000P K 50V	C4137	403 304 3102	ELECT 22U M 16V
C325	403 164 0204	CERAMIC 0.1U Z 25V	C4141	403 172 6106	CERAMIC 270P J 50V
C326	403 113 3805	CERAMIC 1000P K 50V	C4142	403 175 4802	NP-ELECT 10U M 10V
C327	403 164 0204	CERAMIC 0.1U Z 25V	C4144	403 215 0900	CERAMIC 390P J 50V
C328	403 113 3805	CERAMIC 1000P K 50V	C4146	403 164 0204	CERAMIC 0.1U Z 25V
C329	403 164 0204	CERAMIC 0.1U Z 25V	C4147	403 157 3601	CERAMIC 100P J 50V
C330	403 322 7809	ELECT 220U M 6.3V	C4148	403 157 6701	CERAMIC 560P K 50V
C3301	403 322 7809	ELECT 220U M 6.3V	C4149	403 157 2901	CERAMIC 47P J 50V
C3302	403 164 0204	CERAMIC 0.1U Z 25V	C4150	403 215 1006	CERAMIC 470P J 50V
C3303	403 164 0204	CERAMIC 0.1U Z 25V	C4151	403 175 4505	ELECT 47U M 6.3V
C3304	403 164 0204	CERAMIC 0.1U Z 25V	C4152	403 162 4709	ELECT 10U M 16V
C3305	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0309	ELECT 10U M 16V
C3307	403 322 7809	ELECT 220U M 6.3V	C4153	403 281 5205	CERAMIC 0.22U Z 16V
C3308	403 322 7809	ELECT 220U M 6.3V	C4154	403 157 3106	CERAMIC 56P J 50V
C3309	403 164 0204	CERAMIC 0.1U Z 25V	C4155	403 164 0204	CERAMIC 0.1U Z 25V
C331	403 113 3805	CERAMIC 1000P K 50V	C4161	403 283 6309	CERAMIC 1U Z 10V
C332	403 164 0204	CERAMIC 0.1U Z 25V		403 336 5600	CERAMIC 1U Z 10V
C3321	403 164 0204	CERAMIC 0.1U Z 25V	C4201	403 322 7809	ELECT 220U M 6.3V
C333	403 113 3805	CERAMIC 1000P K 50V	C4202	403 164 0204	CERAMIC 0.1U Z 25V
C3331	403 164 0204	CERAMIC 0.1U Z 25V	C4204	403 164 0204	CERAMIC 0.1U Z 25V
C334	403 164 0204	CERAMIC 0.1U Z 25V	C4205	403 164 0204	CERAMIC 0.1U Z 25V
C3341	403 164 0204	CERAMIC 0.1U Z 25V	C4206	403 164 0204	CERAMIC 0.1U Z 25V
C335	403 113 3805	CERAMIC 1000P K 50V	C4207	403 164 0204	CERAMIC 0.1U Z 25V
C3351	403 164 0204	CERAMIC 0.1U Z 25V	C4208	403 164 0204	CERAMIC 0.1U Z 25V
C3352	403 322 7809	ELECT 220U M 6.3V	C4209	403 164 0204	CERAMIC 0.1U Z 25V
C336	403 164 0204	CERAMIC 0.1U Z 25V	C4210	403 157 3304	CERAMIC 68P J 50V
C3371	403 164 0204	CERAMIC 0.1U Z 25V	C4211	403 164 0204	CERAMIC 0.1U Z 25V
C341	403 322 7809	ELECT 220U M 6.3V	C4212	403 164 0204	CERAMIC 0.1U Z 25V
C351	403 164 0204	CERAMIC 0.1U Z 25V	C4213	403 280 0508	ELECT 470U M 4V
C352	403 280 0508	ELECT 470U M 4V	C4214	403 164 0204	CERAMIC 0.1U Z 25V
C353	403 164 0204	CERAMIC 0.1U Z 25V	C4215	403 164 0204	CERAMIC 0.1U Z 25V
C354	403 164 0204	CERAMIC 0.1U Z 25V	C4216	403 164 0204	CERAMIC 0.1U Z 25V
C355	403 113 3805	CERAMIC 1000P K 50V	C4217	403 164 0204	CERAMIC 0.1U Z 25V
C356	403 164 0204	CERAMIC 0.1U Z 25V	C4218	403 164 0204	CERAMIC 0.1U Z 25V
C357	403 113 3805	CERAMIC 1000P K 50V	C4219	403 164 0204	CERAMIC 0.1U Z 25V
C358	403 175 0606	ELECT 100U M 6.3V	C4221	403 164 0204	CERAMIC 0.1U Z 25V
C359	403 164 0204	CERAMIC 0.1U Z 25V	C4222	403 322 7809	ELECT 220U M 6.3V
C360	403 175 0606	ELECT 100U M 6.3V	C4223	403 164 0204	CERAMIC 0.1U Z 25V
C361	403 164 0204	CERAMIC 0.1U Z 25V	C4224	403 322 7809	ELECT 220U M 6.3V
C362	403 113 3805	CERAMIC 1000P K 50V	C4231	403 164 0204	CERAMIC 0.1U Z 25V
C363	403 113 3805	CERAMIC 1000P K 50V	C4241	403 322 7809	ELECT 220U M 6.3V
C364	403 164 0204	CERAMIC 0.1U Z 25V	C4242	403 164 0204	CERAMIC 0.1U Z 25V
C365	403 164 0204	CERAMIC 0.1U Z 25V	C4243	403 113 3805	CERAMIC 1000P K 50V
C366	403 139 7306	CERAMIC 18P J 50V	C4244	403 322 7809	ELECT 220U M 6.3V
C371	403 164 0204	CERAMIC 0.1U Z 25V	C4245	403 164 0204	CERAMIC 0.1U Z 25V
C372	403 113 3805	CERAMIC 1000P K 50V	C4246	403 113 3805	CERAMIC 1000P K 50V
C373	403 113 3805	CERAMIC 1000P K 50V	C4251	403 164 0204	CERAMIC 0.1U Z 25V
C374	403 164 0204	CERAMIC 0.1U Z 25V	C4252	403 164 0204	CERAMIC 0.1U Z 25V
C375	403 113 3805	CERAMIC 1000P K 50V	C4253	403 280 0805	ELECT 330U M 6.3V
C376	403 164 0204	CERAMIC 0.1U Z 25V	C4254	403 164 0204	CERAMIC 0.1U Z 25V
C377	403 113 3805	CERAMIC 1000P K 50V	C4255	403 164 0204	CERAMIC 0.1U Z 25V
C378	403 164 0204	CERAMIC 0.1U Z 25V	C4256	403 164 0204	CERAMIC 0.1U Z 25V
C379	403 164 0204	CERAMIC 0.1U Z 25V	C4257	403 164 0204	CERAMIC 0.1U Z 25V
C381	403 164 0204	CERAMIC 0.1U Z 25V	C4258	403 164 0204	CERAMIC 0.1U Z 25V
C382	403 113 3805	CERAMIC 1000P K 50V	C4261	403 280 0508	ELECT 470U M 4V
C383	403 164 0204	CERAMIC 0.1U Z 25V	C4262	403 164 0204	CERAMIC 0.1U Z 25V
C3835	403 164 0204	CERAMIC 0.1U Z 25V	C4263	403 113 3805	CERAMIC 1000P K 50V
C384	403 113 3805	CERAMIC 1000P K 50V	C4264	403 164 0204	CERAMIC 0.1U Z 25V
C385	403 164 0204	CERAMIC 0.1U Z 25V	C4266	403 164 0204	CERAMIC 0.1U Z 25V
C386	403 164 0204	CERAMIC 0.1U Z 25V	C4267	403 113 3805	CERAMIC 1000P K 50V
C387	403 113 3805	CERAMIC 1000P K 50V	C4271	403 113 3805	CERAMIC 1000P K 50V
C388	403 164 0204	CERAMIC 0.1U Z 25V	C4272	403 164 0204	CERAMIC 0.1U Z 25V
C389	403 113 3805	CERAMIC 1000P K 50V	C4273	403 322 7809	ELECT 220U M 6.3V
C390	403 164 0204	CERAMIC 0.1U Z 25V	C4274	403 164 0204	CERAMIC 0.1U Z 25V
C391	403 280 0508	ELECT 470U M 4V	C4275	403 322 7809	ELECT 220U M 6.3V
C392	403 164 0204	CERAMIC 0.1U Z 25V	C431	403 149 9208	CERAMIC 0.01U Z 50V
C393	403 304 3102	ELECT 22U M 16V	C432	403 149 9208	CERAMIC 0.01U Z 50V
C394	403 164 0204	CERAMIC 0.1U Z 25V	C433	403 149 9208	CERAMIC 0.01U Z 50V
C401	403 298 9609	CERAMIC 0.1U K 16V	C434	403 149 9208	CERAMIC 0.01U Z 50V
C402	403 298 9609	CERAMIC 0.1U K 16V	C435	403 149 9208	CERAMIC 0.01U Z 50V
C403	403 298 9609	CERAMIC 0.1U K 16V	C436	403 149 9208	CERAMIC 0.01U Z 50V
C404	403 322 7809	ELECT 220U M 6.3V	C437	403 164 0204	CERAMIC 0.1U Z 25V
C406	403 164 0204	CERAMIC 0.1U Z 25V	C441	403 229 3508	ELECT 100U M 16V
C407	403 149 9208	CERAMIC 0.01U Z 50V		403 335 0408	ELECT 100U M 16V
C408	403 229 3508	ELECT 100U M 16V	C442	403 283 6309	CERAMIC 1U Z 10V
	403 335 0408	ELECT 100U M 16V		403 336 5600	CERAMIC 1U Z 10V
C4101	403 298 9609	CERAMIC 0.1U K 16V	C443	403 322 7809	ELECT 220U M 6.3V
C4102	403 162 4709	ELECT 10U M 16V	C444	403 164 0204	CERAMIC 0.1U Z 25V
	403 335 0309	ELECT 10U M 16V	C445	403 283 6309	CERAMIC 1U Z 10V
C4103	403 164 0204	CERAMIC 0.1U Z 25V		403 336 5600	CERAMIC 1U Z 10V
C4104	403 224 7006	CERAMIC 0.047U Z 50V	C446	403 322 7809	ELECT 220U M 6.3V
C4111	403 155 1302	CERAMIC 150P J 50V	C447	403 164 0204	CERAMIC 0.1U Z 25V
C4112	403 162 4709	ELECT 10U M 16V	C448	403 229 3508	ELECT 100U M 16V
	403 335 0309	ELECT 10U M 16V		403 335 0408	ELECT 100U M 16V
C4113	403 164 0204	CERAMIC 0.1U Z 25V	C4501	403 113 3805	CERAMIC 1000P K 50V
C4114	403 155 1302	CERAMIC 150P J 50V	C451	403 164 0204	CERAMIC 0.1U Z 25V
C4121	403 157 3601	CERAMIC 100P J 50V	C452	403 322 7809	ELECT 220U M 6.3V
C4122	403 162 4709	ELECT 10U M 16V	C453	403 164 0204	CERAMIC 0.1U Z 25V
	403 335 0309	ELECT 10U M 16V	C454	403 322 7809	ELECT 220U M 6.3V
C4123	403 164 0204	CERAMIC 0.1U Z 25V	C456	403 164 0204	CERAMIC 0.1U Z 25V
C4124	403 155 1302	CERAMIC 150P J 50V	C457	403 149 9208	CERAMIC 0.01U Z 50V
C4131	403 164 0204	CERAMIC 0.1U Z 25V	C458	403 149 9208	CERAMIC 0.01U Z 50V
C4133	403 164 0204	CERAMIC 0.1U Z 25V	C459	403 149 9208	CERAMIC 0.01U Z 50V
C4134	403 164 0204	CERAMIC 0.1U Z 25V	C461	403 164 0204	CERAMIC 0.1U Z 25V
C4135	403 323 1301	CERAMIC 0.47U Z 10V	C471	403 322 7809	ELECT 220U M 6.3V

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C472	403 164 0204	CERAMIC 0.1U Z 25V	C5404	403 175 4505	ELECT 47U M 6.3V
C473	403 162 4709	ELECT 10U M 16V	C5405	403 149 9208	CERAMIC 0.01U Z 50V
	403 335 0309	ELECT 10U M 16V	C5406	403 149 9208	CERAMIC 0.01U Z 50V
C474	403 164 0204	CERAMIC 0.1U Z 25V	C5407	403 164 0204	CERAMIC 0.1U Z 25V
C476	403 113 3805	CERAMIC 1000P K 50V	C5408	403 164 0204	CERAMIC 0.1U Z 25V
C477	403 215 0900	CERAMIC 390P J 50V	C5409	403 164 0204	CERAMIC 0.1U Z 25V
C478	403 113 3805	CERAMIC 1000P K 50V	C541	403 164 0204	CERAMIC 0.1U Z 25V
C479	403 215 0900	CERAMIC 390P J 50V	C5410	403 175 4505	ELECT 47U M 6.3V
C480	403 162 4709	ELECT 10U M 16V	C5411	403 149 9208	CERAMIC 0.01U Z 50V
	403 335 0309	ELECT 10U M 16V	C5412	403 149 9208	CERAMIC 0.01U Z 50V
C4801	403 280 0508	ELECT 470U M 4V	C5413	403 164 0204	CERAMIC 0.1U Z 25V
C4802	403 164 0204	CERAMIC 0.1U Z 25V	C5414	403 164 0204	CERAMIC 0.1U Z 25V
C4803	403 164 0204	CERAMIC 0.1U Z 25V	C5415	403 149 9208	CERAMIC 0.01U Z 50V
C4805	403 317 4509	ELECT 100U M 6.3V	C5416	403 149 9208	CERAMIC 0.01U Z 50V
	403 342 4307	ELECT 100U M 6.3V	C5417	403 164 0204	CERAMIC 0.1U Z 25V
C4808	403 229 3508	ELECT 100U M 16V	C543	403 157 1904	CERAMIC 10P D 50V
	403 335 0408	ELECT 100U M 16V	C5501	403 305 9905	CERAMIC 680P J 25V
C481	403 113 3805	CERAMIC 1000P K 50V	C5502	403 304 3300	ELECT 47U M 16V
C482	403 215 0900	CERAMIC 390P J 50V	C5503	403 229 3508	ELECT 100U M 16V
C483	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0408	ELECT 100U M 16V
C484	403 164 0204	CERAMIC 0.1U Z 25V	C5504	403 149 9208	CERAMIC 0.01U Z 50V
C485	403 164 0204	CERAMIC 0.1U Z 25V	C5506	403 229 3508	ELECT 100U M 16V
C503	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0408	ELECT 100U M 16V
C504	403 164 0204	CERAMIC 0.1U Z 25V	C5507	403 149 9208	CERAMIC 0.01U Z 50V
C506	403 229 3508	ELECT 100U M 16V	C5531	403 305 9905	CERAMIC 680P J 25V
	403 335 0408	ELECT 100U M 16V	C5532	403 304 3300	ELECT 47U M 16V
C507	403 149 9208	CERAMIC 0.01U Z 50V	C561	403 157 1706	CERAMIC 8P D 50V
C508	403 149 9208	CERAMIC 0.01U Z 50V	C563	403 164 0204	CERAMIC 0.1U Z 25V
C509	403 229 3508	ELECT 100U M 16V	C564	403 164 0204	CERAMIC 0.1U Z 25V
	403 335 0408	ELECT 100U M 16V	C566	403 229 3508	ELECT 100U M 16V
C511	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0408	ELECT 100U M 16V
C513	403 157 1904	CERAMIC 10P D 50V	C567	403 149 9208	CERAMIC 0.01U Z 50V
C5301	403 164 0204	CERAMIC 0.1U Z 25V	C568	403 149 9208	CERAMIC 0.01U Z 50V
C5302	403 280 0508	ELECT 470U M 4V	C569	403 229 3508	ELECT 100U M 16V
C5303	403 164 0204	CERAMIC 0.1U Z 25V		403 335 0408	ELECT 100U M 16V
C5304	403 113 3805	CERAMIC 1000P K 50V	C571	403 164 0204	CERAMIC 0.1U Z 25V
C5305	403 113 3805	CERAMIC 1000P K 50V	C573	403 157 1904	CERAMIC 10P D 50V
C5306	403 164 0204	CERAMIC 0.1U Z 25V	C581	403 164 0204	CERAMIC 0.1U Z 25V
C5307	403 164 0204	CERAMIC 0.1U Z 25V	C801	403 164 0204	CERAMIC 0.1U Z 25V
C5308	403 164 0204	CERAMIC 0.1U Z 25V	C802	403 164 0204	CERAMIC 0.1U Z 25V
C5309	403 113 3805	CERAMIC 1000P K 50V	C803	403 155 1609	CERAMIC 33P J 50V
C531	403 139 7306	CERAMIC 18P J 50V	C804	403 155 1609	CERAMIC 33P J 50V
C5310	403 164 0204	CERAMIC 0.1U Z 25V	C806	403 175 4505	ELECT 47U M 6.3V
C5311	403 113 3805	CERAMIC 1000P K 50V	C807	403 164 0204	CERAMIC 0.1U Z 25V
C5312	403 164 0204	CERAMIC 0.1U Z 25V	C808	403 215 1006	CERAMIC 470P J 50V
C5321	403 164 0204	CERAMIC 0.1U Z 25V	C809	403 283 6309	CERAMIC 1U Z 10V
C5322	403 280 0508	ELECT 470U M 4V		403 336 5600	CERAMIC 1U Z 10V
C5323	403 164 0204	CERAMIC 0.1U Z 25V	C810	403 164 0204	CERAMIC 0.1U Z 25V
C5324	403 113 3805	CERAMIC 1000P K 50V	C811	403 164 0204	CERAMIC 0.1U Z 25V
C5325	403 164 0204	CERAMIC 0.1U Z 25V	C812	403 164 0204	CERAMIC 0.1U Z 25V
C5326	403 113 3805	CERAMIC 1000P K 50V	C814	403 280 0805	ELECT 330U M 6.3V
C5327	403 164 0204	CERAMIC 0.1U Z 25V	C815	403 164 0204	CERAMIC 0.1U Z 25V
C5328	403 164 0204	CERAMIC 0.1U Z 25V	C816	403 164 0204	CERAMIC 0.1U Z 25V
C5329	403 164 0204	CERAMIC 0.1U Z 25V	C817	403 164 0204	CERAMIC 0.1U Z 25V
C533	403 164 0204	CERAMIC 0.1U Z 25V	C821	403 280 0805	ELECT 330U M 6.3V
C5330	403 113 3805	CERAMIC 1000P K 50V	C822	403 164 0204	CERAMIC 0.1U Z 25V
C5331	403 164 0204	CERAMIC 0.1U Z 25V	C861	403 280 0805	ELECT 330U M 6.3V
C5332	403 113 3805	CERAMIC 1000P K 50V	C862	403 164 0204	CERAMIC 0.1U Z 25V
C5333	403 164 0204	CERAMIC 0.1U Z 25V	C871	403 164 0204	CERAMIC 0.1U Z 25V
C534	403 164 0204	CERAMIC 0.1U Z 25V	C872	403 280 0805	ELECT 330U M 6.3V
C5341	403 164 0204	CERAMIC 0.1U Z 25V	C9401	403 304 3300	ELECT 47U M 16V
C5342	403 280 0508	ELECT 470U M 4V	C9402	403 164 0204	CERAMIC 0.1U Z 25V
C5343	403 164 0204	CERAMIC 0.1U Z 25V	C9403	403 164 0204	CERAMIC 0.1U Z 25V
C5344	403 113 3805	CERAMIC 1000P K 50V	C9404	403 153 9102	CERAMIC 5P C 50V
C5345	403 164 0204	CERAMIC 0.1U Z 25V	C9421	403 304 3300	ELECT 47U M 16V
C5346	403 113 3805	CERAMIC 1000P K 50V	C9422	403 164 0204	CERAMIC 0.1U Z 25V
C5347	403 164 0204	CERAMIC 0.1U Z 25V	C9423	403 164 0204	CERAMIC 0.1U Z 25V
C5348	403 164 0204	CERAMIC 0.1U Z 25V	C9424	403 153 9102	CERAMIC 5P C 50V
C5349	403 164 0204	CERAMIC 0.1U Z 25V	C9441	403 304 3300	ELECT 47U M 16V
C5350	403 113 3805	CERAMIC 1000P K 50V	C9442	403 164 0204	CERAMIC 0.1U Z 25V
C5351	403 164 0204	CERAMIC 0.1U Z 25V	C9443	403 164 0204	CERAMIC 0.1U Z 25V
C5352	403 113 3805	CERAMIC 1000P K 50V	C9444	403 153 9102	CERAMIC 5P C 50V
C5353	403 164 0204	CERAMIC 0.1U Z 25V			
C536	403 229 3508	ELECT 100U M 16V	RESISTOR		
	403 335 0408	ELECT 100U M 16V	RB1802	645 026 8038	R-NETWORK 22KX4 1/16W
C5361	403 164 0204	CERAMIC 0.1U Z 25V	RB1803	645 028 3215	R-NETWORK 100X4 1/16W
C5362	403 113 3805	CERAMIC 1000P K 50V	RB1804	645 026 8038	R-NETWORK 22KX4 1/16W
C5363	403 164 0204	CERAMIC 0.1U Z 25V	RB1805	645 026 8038	R-NETWORK 22KX4 1/16W
C5364	403 113 3805	CERAMIC 1000P K 50V	RB1806	645 026 8038	R-NETWORK 22KX4 1/16W
C5365	403 164 0204	CERAMIC 0.1U Z 25V	RB1807	645 026 8038	R-NETWORK 22KX4 1/16W
C5366	403 113 3805	CERAMIC 1000P K 50V	RB1808	645 026 8038	R-NETWORK 22KX4 1/16W
C5367	403 164 0204	CERAMIC 0.1U Z 25V	RB1809	645 026 8038	R-NETWORK 22KX4 1/16W
C5368	403 113 3805	CERAMIC 1000P K 50V	RB1811	645 026 8038	R-NETWORK 22KX4 1/16W
C5369	403 164 0204	CERAMIC 0.1U Z 25V	RB1812	645 026 8038	R-NETWORK 22KX4 1/16W
C537	403 149 9208	CERAMIC 0.01U Z 50V	RB1813	645 028 3215	R-NETWORK 100X4 1/16W
C5370	403 164 0204	CERAMIC 0.1U Z 25V	RB1814	645 028 3215	R-NETWORK 100X4 1/16W
C538	403 149 9208	CERAMIC 0.01U Z 50V	RB301	645 026 8014	R-NETWORK 10KX4 1/16W
C5381	403 175 0606	ELECT 100U M 6.3V	RB302	645 026 8014	R-NETWORK 10KX4 1/16W
C5382	403 164 0204	CERAMIC 0.1U Z 25V	RB303	645 026 8014	R-NETWORK 10KX4 1/16W
C5383	403 175 0606	ELECT 100U M 6.3V	RB304	645 026 8014	R-NETWORK 10KX4 1/16W
C539	403 229 3508	ELECT 100U M 16V	RB305	645 026 8014	R-NETWORK 10KX4 1/16W
	403 335 0408	ELECT 100U M 16V	RB4801	645 028 3215	R-NETWORK 100X4 1/16W
C5401	403 164 0204	CERAMIC 0.1U Z 25V	RB501	645 028 5981	R-NETWORK 10X4 1/16W
C5402	403 175 4505	ELECT 47U M 6.3V		645 028 5998	R-NETWORK 10X4 1/16W
C5403	403 164 0204	CERAMIC 0.1U Z 25V	RB502	645 028 5998	R-NETWORK 10X4 1/16W

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
RB503	645 028 5981	R-NETWORK 10X4 1/16W	R1161	401 105 0504	MT-GLAZE 1K JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1162	401 105 0504	MT-GLAZE 1K JA 1/16W
RB531	645 028 5981	R-NETWORK 10X4 1/16W	R1163	401 105 2904	MT-GLAZE 22K JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1165	401 105 3901	MT-GLAZE 33 JA 1/16W
RB532	645 028 5981	R-NETWORK 10X4 1/16W	R1166	401 105 3901	MT-GLAZE 33 JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1167	401 105 3901	MT-GLAZE 33 JA 1/16W
RB533	645 028 5981	R-NETWORK 10X4 1/16W	R1172	401 105 3901	MT-GLAZE 33 JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1174	401 105 3901	MT-GLAZE 33 JA 1/16W
RB5361	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1176	401 105 3901	MT-GLAZE 33 JA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1177	401 105 0504	MT-GLAZE 1K JA 1/16W
RB5401	645 028 5981	R-NETWORK 10X4 1/16W	R1179	401 105 0504	MT-GLAZE 1K JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1181	401 105 0504	MT-GLAZE 1K JA 1/16W
RB5402	645 028 5981	R-NETWORK 10X4 1/16W	R1184	401 105 8104	MT-GLAZE 56K JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1186	401 105 8104	MT-GLAZE 56K JA 1/16W
RB5403	645 028 5981	R-NETWORK 10X4 1/16W	R1187	401 105 0405	MT-GLAZE 100 JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1188	401 105 3000	MT-GLAZE 220K JA 1/16W
RB5404	645 028 5981	R-NETWORK 10X4 1/16W	R1189	401 105 0405	MT-GLAZE 100 JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1191	401 105 1006	MT-GLAZE 1.2K JA 1/16W
RB5405	645 028 5981	R-NETWORK 10X4 1/16W	R1192	401 105 2805	MT-GLAZE 2.2K JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1194	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB5406	645 028 5981	R-NETWORK 10X4 1/16W	R1196	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1201	401 113 4402	MT-GLAZE 75 JA 1/16W
RB561	645 028 5981	R-NETWORK 10X4 1/16W	R1202	401 113 4402	MT-GLAZE 75 JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1203	401 105 0504	MT-GLAZE 1K JA 1/16W
RB562	645 028 5981	R-NETWORK 10X4 1/16W	R1204	401 105 0900	MT-GLAZE 120 JA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1205	401 105 0900	MT-GLAZE 120 JA 1/16W
RB563	645 028 5981	R-NETWORK 10X4 1/16W	R1207	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 028 5998	R-NETWORK 10X4 1/16W	R1208	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB801	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1209	401 105 0603	MT-GLAZE 10K JA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1212	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB802	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1214	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1216	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB803	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1217	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1218	401 105 0603	MT-GLAZE 10K JA 1/16W
RB804	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1219	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1221	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB805	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1222	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1223	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB806	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1224	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1226	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB807	645 031 4070	R-NETWORK 3.3KX4 1/16W	R1227	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
	645 037 0311	R-NETWORK 3.3KX4 1/16W	R1231	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
RB808	645 026 8038	R-NETWORK 22KX4 1/16W	R1232	401 105 0306	MT-GLAZE 10 JA 1/16W
RB809	645 026 8038	R-NETWORK 22KX4 1/16W	R1233	401 105 0306	MT-GLAZE 10 JA 1/16W
R1101	401 105 0405	MT-GLAZE 100 JA 1/16W	R1234	401 259 1501	MT-GLAZE 2.2 JA 1/3W
R1102	401 105 0405	MT-GLAZE 100 JA 1/16W	R1236	401 158 4108	MT-GLAZE 4.7 JA 1/16W
R1103	401 217 4100	MT-GLAZE 22K FA 1/16W	R1241	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1104	401 105 0504	MT-GLAZE 1K JA 1/16W	R1242	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1105	401 105 0504	MT-GLAZE 1K JA 1/16W	R1243	401 105 0405	MT-GLAZE 100 JA 1/16W
R1106	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R1244	401 105 0405	MT-GLAZE 100 JA 1/16W
R1107	401 105 0405	MT-GLAZE 100 JA 1/16W	R1245	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1108	401 105 0306	MT-GLAZE 10 JA 1/16W	R1246	401 105 6605	MT-GLAZE 6.8K JA 1/16W
R1110	401 105 5202	MT-GLAZE 470 JA 1/16W	R1247	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1111	401 217 5404	MT-GLAZE 47K FA 1/16W	R1248	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1112	401 105 0405	MT-GLAZE 100 JA 1/16W	R1250	401 105 4007	MT-GLAZE 330 JA 1/16W
R1113	401 105 0405	MT-GLAZE 100 JA 1/16W	R1251	401 105 0504	MT-GLAZE 1K JA 1/16W
R1114	401 105 0405	MT-GLAZE 100 JA 1/16W	R1252	401 105 5400	MT-GLAZE 47K JA 1/16W
R1115	401 105 0603	MT-GLAZE 10K JA 1/16W	R1253	401 105 0603	MT-GLAZE 10K JA 1/16W
R1116	401 105 0603	MT-GLAZE 10K JA 1/16W	R1254	401 105 0504	MT-GLAZE 1K JA 1/16W
R1117	401 105 0603	MT-GLAZE 10K JA 1/16W	R1255	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1118	401 114 0908	MT-GLAZE 3.3M JA 1/16W	R1256	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1119	401 105 1501	MT-GLAZE 1.5K JA 1/16W	R1257	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1120	401 105 6001	MT-GLAZE 5.6K JA 1/16W	R1258	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1122	401 105 0603	MT-GLAZE 10K JA 1/16W	R1259	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1123	401 105 0504	MT-GLAZE 1K JA 1/16W	R1281	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1124	401 105 0504	MT-GLAZE 1K JA 1/16W	R1300	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1125	401 105 0504	MT-GLAZE 1K JA 1/16W	R1301	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1126	401 105 0504	MT-GLAZE 1K JA 1/16W	R1302	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1127	401 105 0504	MT-GLAZE 1K JA 1/16W	R1303	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1128	401 105 0504	MT-GLAZE 1K JA 1/16W	R1305	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1129	401 105 0603	MT-GLAZE 10K JA 1/16W	R1306	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1130	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1307	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R1131	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1308	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R1134	401 105 0405	MT-GLAZE 100 JA 1/16W	R1310	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R1135	401 105 0405	MT-GLAZE 100 JA 1/16W	R1501	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1136	401 105 0405	MT-GLAZE 100 JA 1/16W	R1502	401 105 0603	MT-GLAZE 10K JA 1/16W
R1139	401 105 0405	MT-GLAZE 100 JA 1/16W	R1503	401 105 0603	MT-GLAZE 10K JA 1/16W
R1140	401 105 0405	MT-GLAZE 100 JA 1/16W	R1504	401 105 0603	MT-GLAZE 10K JA 1/16W
R1141	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1505	401 105 3406	MT-GLAZE 27K JA 1/16W
R1142	401 105 0405	MT-GLAZE 100 JA 1/16W	R1506	401 105 0603	MT-GLAZE 10K JA 1/16W
R1143	401 105 6001	MT-GLAZE 5.6K JA 1/16W	R1507	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1144	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R1508	401 105 4007	MT-GLAZE 330 JA 1/16W
R1145	401 105 6506	MT-GLAZE 680 JA 1/16W	R1531	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1146	401 105 0504	MT-GLAZE 1K JA 1/16W	R1532	401 105 0603	MT-GLAZE 10K JA 1/16W
R1147	401 105 0504	MT-GLAZE 1K JA 1/16W	R1533	401 105 0603	MT-GLAZE 10K JA 1/16W
R1148	401 105 0504	MT-GLAZE 1K JA 1/16W	R1534	401 105 0603	MT-GLAZE 10K JA 1/16W
R1149	401 158 4108	MT-GLAZE 4.7 JA 1/16W	R1535	401 105 3406	MT-GLAZE 27K JA 1/16W
R1150	401 105 1907	MT-GLAZE 180 JA 1/16W	R1536	401 105 0603	MT-GLAZE 10K JA 1/16W
R1151	401 112 8005	MT-GLAZE 5.6 JA 1/16W	R1537	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1152	401 105 6506	MT-GLAZE 680 JA 1/16W	R1538	401 105 4007	MT-GLAZE 330 JA 1/16W
R1153	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R1561	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1154	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1562	401 105 0603	MT-GLAZE 10K JA 1/16W
R1156	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1563	401 105 0603	MT-GLAZE 10K JA 1/16W
R1158	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R1564	401 105 0603	MT-GLAZE 10K JA 1/16W
R1160	401 105 0504	MT-GLAZE 1K JA 1/16W	R1565	401 105 3406	MT-GLAZE 27K JA 1/16W

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R1566	401 105 0603	MT-GLAZE 10K JA 1/16W	R271	401 105 3901	MT-GLAZE 33 JA 1/16W
R1567	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R272	401 105 3901	MT-GLAZE 33 JA 1/16W
R1568	401 105 4007	MT-GLAZE 330 JA 1/16W	R273	401 105 3901	MT-GLAZE 33 JA 1/16W
R1801	401 105 2904	MT-GLAZE 22K JA 1/16W	R274	401 105 3901	MT-GLAZE 33 JA 1/16W
R1808	401 105 4106	MT-GLAZE 3.3K JA 1/16W	R275	401 105 3901	MT-GLAZE 33 JA 1/16W
R1811	401 105 0405	MT-GLAZE 100 JA 1/16W	R276	401 105 3901	MT-GLAZE 33 JA 1/16W
R1812	401 105 2904	MT-GLAZE 22K JA 1/16W	R277	401 105 1402	MT-GLAZE 150 JA 1/16W
R1814	401 105 2904	MT-GLAZE 22K JA 1/16W	R281	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1815	401 105 2904	MT-GLAZE 22K JA 1/16W	R282	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1817	401 105 0405	MT-GLAZE 100 JA 1/16W	R283	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1819	401 105 0405	MT-GLAZE 100 JA 1/16W	R284	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1820	401 105 0405	MT-GLAZE 100 JA 1/16W	R285	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R1821	401 105 0405	MT-GLAZE 100 JA 1/16W	R286	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R200	401 105 3901	MT-GLAZE 33 JA 1/16W	R287	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R201	401 105 2706	MT-GLAZE 220 JA 1/16W	R289	401 105 0504	MT-GLAZE 1K JA 1/16W
R203	401 105 2706	MT-GLAZE 220 JA 1/16W	R291	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R205	401 105 2706	MT-GLAZE 220 JA 1/16W	R292	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R207	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R293	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R208	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R294	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R209	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R296	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R210	401 105 3901	MT-GLAZE 33 JA 1/16W	R299	401 105 2706	MT-GLAZE 220 JA 1/16W
R211	401 105 0504	MT-GLAZE 1K JA 1/16W	R300	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R212	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R301	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R213	401 105 0504	MT-GLAZE 1K JA 1/16W	R302	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R214	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R304	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R215	401 105 0504	MT-GLAZE 1K JA 1/16W	R306	401 105 0504	MT-GLAZE 1K JA 1/16W
R216	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R307	401 105 0504	MT-GLAZE 1K JA 1/16W
R217	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R308	401 105 0504	MT-GLAZE 1K JA 1/16W
R218	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R309	401 105 0306	MT-GLAZE 10 JA 1/16W
R219	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R310	401 105 0504	MT-GLAZE 1K JA 1/16W
R220	401 105 3901	MT-GLAZE 33 JA 1/16W	R311	401 105 0504	MT-GLAZE 1K JA 1/16W
R2203	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R312	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2204	401 105 6605	MT-GLAZE 6.8K JA 1/16W	R313	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2206	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R315	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2207	401 105 5905	MT-GLAZE 560 JA 1/16W	R317	401 105 0603	MT-GLAZE 10K JA 1/16W
R221	401 105 0504	MT-GLAZE 1K JA 1/16W	R318	401 105 0603	MT-GLAZE 10K JA 1/16W
R222	401 105 0504	MT-GLAZE 1K JA 1/16W	R319	401 105 3208	MT-GLAZE 270 JA 1/16W
R223	401 105 0504	MT-GLAZE 1K JA 1/16W	R320	401 105 4007	MT-GLAZE 330 JA 1/16W
R224	401 105 0504	MT-GLAZE 1K JA 1/16W	R3203	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R225	401 105 0504	MT-GLAZE 1K JA 1/16W	R3204	401 105 0504	MT-GLAZE 1K JA 1/16W
R226	401 105 0504	MT-GLAZE 1K JA 1/16W	R3205	401 105 0504	MT-GLAZE 1K JA 1/16W
R227	401 105 0603	MT-GLAZE 10K JA 1/16W	R3208	401 105 0504	MT-GLAZE 1K JA 1/16W
R228	401 105 0603	MT-GLAZE 10K JA 1/16W	R3209	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R229	401 105 0603	MT-GLAZE 10K JA 1/16W	R321	401 105 0603	MT-GLAZE 10K JA 1/16W
R231	401 105 3901	MT-GLAZE 33 JA 1/16W	R3211	401 105 0504	MT-GLAZE 1K JA 1/16W
R232	401 105 3901	MT-GLAZE 33 JA 1/16W	R3212	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R233	401 105 3901	MT-GLAZE 33 JA 1/16W	R3214	401 105 0306	MT-GLAZE 10 JA 1/16W
R234	401 105 3901	MT-GLAZE 33 JA 1/16W	R3215	401 105 0306	MT-GLAZE 10 JA 1/16W
R235	401 105 3901	MT-GLAZE 33 JA 1/16W	R3216	401 105 0306	MT-GLAZE 10 JA 1/16W
R236	401 105 3901	MT-GLAZE 33 JA 1/16W	R3217	401 105 0306	MT-GLAZE 10 JA 1/16W
R237	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3219	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R238	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R322	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2382	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3220	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2383	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3221	401 105 0603	MT-GLAZE 10K JA 1/16W
R2387	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3223	401 105 0504	MT-GLAZE 1K JA 1/16W
R239	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3224	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R241	401 105 0504	MT-GLAZE 1K JA 1/16W	R3225	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R242	401 105 0504	MT-GLAZE 1K JA 1/16W	R3227	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R243	401 105 0504	MT-GLAZE 1K JA 1/16W	R3228	401 105 0306	MT-GLAZE 10 JA 1/16W
R244	401 105 0504	MT-GLAZE 1K JA 1/16W	R3229	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R245	401 105 0504	MT-GLAZE 1K JA 1/16W	R323	401 105 0603	MT-GLAZE 10K JA 1/16W
R246	401 105 0504	MT-GLAZE 1K JA 1/16W	R3231	401 105 0306	MT-GLAZE 10 JA 1/16W
R247	401 105 0504	MT-GLAZE 1K JA 1/16W	R3232	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R248	401 105 5202	MT-GLAZE 470 JA 1/16W	R3233	401 105 0306	MT-GLAZE 10 JA 1/16W
R249	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3235	401 105 0405	MT-GLAZE 100 JA 1/16W
R250	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3236	401 105 0306	MT-GLAZE 10 JA 1/16W
R2501	401 113 4808	MT-GLAZE 160 JA 1/16W	R3237	401 105 0306	MT-GLAZE 10 JA 1/16W
R2502	401 113 4808	MT-GLAZE 160 JA 1/16W	R3239	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2503	401 105 0504	MT-GLAZE 1K JA 1/16W	R3240	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2504	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R3244	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R2506	401 158 4108	MT-GLAZE 4.7 JA 1/16W	R325	401 105 0603	MT-GLAZE 10K JA 1/16W
R2507	401 105 0504	MT-GLAZE 1K JA 1/16W	R326	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2508	401 105 2805	MT-GLAZE 2.2K JA 1/16W	R327	401 105 0603	MT-GLAZE 10K JA 1/16W
R2509	401 158 4108	MT-GLAZE 4.7 JA 1/16W	R328	401 105 0603	MT-GLAZE 10K JA 1/16W
R251	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R329	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R2511	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R330	401 105 5905	MT-GLAZE 560 JA 1/16W
R252	401 105 5806	MT-GLAZE 56 JA 1/16W	R3301	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R253	401 105 7206	MT-GLAZE 82 JA 1/16W	R3302	401 035 4108	MT-GLAZE 0.000 ZA 1/8W
R254	401 105 5806	MT-GLAZE 56 JA 1/16W	R3304	401 105 0405	MT-GLAZE 100 JA 1/16W
R255	401 105 7206	MT-GLAZE 82 JA 1/16W	R3305	401 105 0405	MT-GLAZE 100 JA 1/16W
R256	401 105 5806	MT-GLAZE 56 JA 1/16W	R3306	401 105 0405	MT-GLAZE 100 JA 1/16W
R257	401 105 7206	MT-GLAZE 82 JA 1/16W	R3307	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R258	401 105 1402	MT-GLAZE 150 JA 1/16W	R3308	401 105 0405	MT-GLAZE 100 JA 1/16W
R259	401 105 1402	MT-GLAZE 150 JA 1/16W	R3309	401 105 0405	MT-GLAZE 100 JA 1/16W
R260	401 105 1402	MT-GLAZE 150 JA 1/16W	R331	401 105 2706	MT-GLAZE 220 JA 1/16W
R261	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3310	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R262	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3311	401 105 0405	MT-GLAZE 100 JA 1/16W
R263	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3312	401 105 0405	MT-GLAZE 100 JA 1/16W
R264	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3313	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R265	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3314	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R266	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3315	401 105 0405	MT-GLAZE 100 JA 1/16W
R267	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R3316	401 105 0405	MT-GLAZE 100 JA 1/16W
R268	401 105 0504	MT-GLAZE 1K JA 1/16W	R3317	401 105 0405	MT-GLAZE 100 JA 1/16W
R269	401 105 1402	MT-GLAZE 150 JA 1/16W	R3318	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R270	401 105 1402	MT-GLAZE 150 JA 1/16W	R3319	401 105 7909	MT-GLAZE 0.000 ZA 1/16W

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R332	401 105 4007	MT-GLAZE 330 JA 1/16W	R4105	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3320	401 105 0405	MT-GLAZE 100 JA 1/16W	R4108	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3321	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4111	401 105 0405	MT-GLAZE 100 JA 1/16W
R3322	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4112	401 105 2904	MT-GLAZE 22K JA 1/16W
R3323	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4113	401 105 3406	MT-GLAZE 27K JA 1/16W
R3324	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4114	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3325	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4116	401 113 5607	MT-GLAZE 750 JA 1/16W
R333	401 105 3208	MT-GLAZE 270 JA 1/16W	R4117	401 105 7404	MT-GLAZE 8.2K JA 1/16W
R3331	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4119	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3332	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4122	401 105 1600	MT-GLAZE 15K JA 1/16W
R3337	401 105 5806	MT-GLAZE 56 JA 1/16W	R4123	401 105 2904	MT-GLAZE 22K JA 1/16W
R3338	401 105 5806	MT-GLAZE 56 JA 1/16W	R4124	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3339	401 105 5806	MT-GLAZE 56 JA 1/16W	R4125	401 105 0504	MT-GLAZE 1K JA 1/16W
R334	401 105 3208	MT-GLAZE 270 JA 1/16W	R4126	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3340	401 105 5806	MT-GLAZE 56 JA 1/16W	R4127	401 105 0504	MT-GLAZE 1K JA 1/16W
R3341	401 105 5806	MT-GLAZE 56 JA 1/16W	R4128	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3342	401 105 5806	MT-GLAZE 56 JA 1/16W	R4129	401 105 0405	MT-GLAZE 100 JA 1/16W
R3343	401 105 6506	MT-GLAZE 680 JA 1/16W	R4131	401 105 5509	MT-GLAZE 470K JA 1/16W
R3344	401 105 6506	MT-GLAZE 680 JA 1/16W	R4132	401 105 0702	MT-GLAZE 100K JA 1/16W
R335	401 105 4007	MT-GLAZE 330 JA 1/16W	R4133	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3352	401 105 4007	MT-GLAZE 330 JA 1/16W	R4135	401 113 9506	MT-GLAZE 620K JA 1/16W
R3354	401 105 4007	MT-GLAZE 330 JA 1/16W	R4136	401 105 6100	MT-GLAZE 560K JA 1/16W
R3356	401 105 4007	MT-GLAZE 330 JA 1/16W	R4137	401 105 3000	MT-GLAZE 220K JA 1/16W
R3358	401 105 4007	MT-GLAZE 330 JA 1/16W	R4138	401 105 6704	MT-GLAZE 680K JA 1/16W
R336	401 105 3208	MT-GLAZE 270 JA 1/16W	R4139	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3360	401 105 4007	MT-GLAZE 330 JA 1/16W	R4140	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R3362	401 105 4007	MT-GLAZE 330 JA 1/16W	R4141	401 105 0603	MT-GLAZE 10K JA 1/16W
R3363	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4142	401 105 0504	MT-GLAZE 1K JA 1/16W
R3364	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4143	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3366	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4144	401 105 7305	MT-GLAZE 820 JA 1/16W
R3367	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4145	401 105 2904	MT-GLAZE 22K JA 1/16W
R3368	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4146	401 105 1600	MT-GLAZE 15K JA 1/16W
R3369	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4147	401 105 0504	MT-GLAZE 1K JA 1/16W
R337	401 105 4007	MT-GLAZE 330 JA 1/16W	R4148	401 105 2706	MT-GLAZE 220 JA 1/16W
R3371	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4149	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3372	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4150	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3374	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4151	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R3376	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4152	401 105 0504	MT-GLAZE 1K JA 1/16W
R3377	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4153	401 105 5202	MT-GLAZE 470 JA 1/16W
R3378	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4154	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R3379	401 105 2706	MT-GLAZE 220 JA 1/16W	R4155	401 105 8104	MT-GLAZE 56K JA 1/16W
R3380	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4156	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R3381	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4157	401 105 8104	MT-GLAZE 56K JA 1/16W
R339	401 105 0603	MT-GLAZE 10K JA 1/16W	R4158	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R340	401 105 3208	MT-GLAZE 270 JA 1/16W	R4159	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R341	401 105 4007	MT-GLAZE 330 JA 1/16W	R4160	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R342	401 105 3208	MT-GLAZE 270 JA 1/16W	R4161	401 105 0603	MT-GLAZE 10K JA 1/16W
R343	401 105 4007	MT-GLAZE 330 JA 1/16W	R4162	401 105 0504	MT-GLAZE 1K JA 1/16W
R344	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4163	401 105 0504	MT-GLAZE 1K JA 1/16W
R346	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4165	401 105 8104	MT-GLAZE 56K JA 1/16W
R348	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4166	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R349	401 105 4007	MT-GLAZE 330 JA 1/16W	R4169	401 105 4007	MT-GLAZE 330 JA 1/16W
R350	401 105 0603	MT-GLAZE 10K JA 1/16W	R417	401 105 4205	MT-GLAZE 33K JA 1/16W
R351	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4170	401 105 0504	MT-GLAZE 1K JA 1/16W
R352	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4171	401 105 0504	MT-GLAZE 1K JA 1/16W
R353	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4172	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R355	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4173	401 105 5400	MT-GLAZE 47K JA 1/16W
R356	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4174	401 105 3000	MT-GLAZE 220K JA 1/16W
R357	401 105 0603	MT-GLAZE 10K JA 1/16W	R4175	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R358	401 105 0306	MT-GLAZE 10 JA 1/16W	R4176	401 105 0603	MT-GLAZE 10K JA 1/16W
R359	401 105 0603	MT-GLAZE 10K JA 1/16W	R4177	401 105 0603	MT-GLAZE 10K JA 1/16W
R360	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4178	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R361	401 105 0603	MT-GLAZE 10K JA 1/16W	R4179	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R362	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R418	401 105 8203	MT-GLAZE 68K JA 1/16W
R363	401 105 0603	MT-GLAZE 10K JA 1/16W	R4180	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R366	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4181	401 105 2409	MT-GLAZE 2K JA 1/16W
R367	401 105 0603	MT-GLAZE 10K JA 1/16W	R4182	401 105 0504	MT-GLAZE 1K JA 1/16W
R368	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4183	401 105 8104	MT-GLAZE 56K JA 1/16W
R369	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4184	401 105 0603	MT-GLAZE 10K JA 1/16W
R373	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4186	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R374	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4187	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R377	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4188	401 105 0504	MT-GLAZE 1K JA 1/16W
R380	401 105 0405	MT-GLAZE 100 JA 1/16W	R419	401 105 4205	MT-GLAZE 33K JA 1/16W
R381	401 105 0306	MT-GLAZE 10 JA 1/16W	R4191	401 105 4205	MT-GLAZE 33K JA 1/16W
R382	401 105 0306	MT-GLAZE 10 JA 1/16W	R4192	401 105 0702	MT-GLAZE 100K JA 1/16W
R386	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4193	401 105 0702	MT-GLAZE 100K JA 1/16W
R387	401 105 0306	MT-GLAZE 10 JA 1/16W	R4194	401 105 0702	MT-GLAZE 100K JA 1/16W
R391	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4195	401 105 0504	MT-GLAZE 1K JA 1/16W
R392	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4199	401 105 4205	MT-GLAZE 33K JA 1/16W
R393	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4201	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R394	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4203	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R395	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4207	401 105 0405	MT-GLAZE 100 JA 1/16W
R396	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4208	401 105 0405	MT-GLAZE 100 JA 1/16W
R401	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R421	401 105 8203	MT-GLAZE 68K JA 1/16W
R402	401 105 0405	MT-GLAZE 100 JA 1/16W	R4211	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R403	401 105 0405	MT-GLAZE 100 JA 1/16W	R4213	401 105 0405	MT-GLAZE 100 JA 1/16W
R404	401 105 0405	MT-GLAZE 100 JA 1/16W	R4214	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R405	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4217	401 105 0405	MT-GLAZE 100 JA 1/16W
R406	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4219	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R407	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R422	401 105 4205	MT-GLAZE 33K JA 1/16W
R408	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4220	401 105 0405	MT-GLAZE 100 JA 1/16W
R4101	401 105 0405	MT-GLAZE 100 JA 1/16W	R4221	401 105 0405	MT-GLAZE 100 JA 1/16W
R4102	401 105 4601	MT-GLAZE 3.9K JA 1/16W	R4222	401 105 0306	MT-GLAZE 10 JA 1/16W
R4103	401 105 1105	MT-GLAZE 12K JA 1/16W	R4223	401 105 0306	MT-GLAZE 10 JA 1/16W
R4104	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4224	401 105 0306	MT-GLAZE 10 JA 1/16W

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R4225	401 105 0306	MT-GLAZE 10 JA 1/16W	R451	401 105 4205	MT-GLAZE 33K JA 1/16W
R4226	401 105 0306	MT-GLAZE 10 JA 1/16W	R453	401 105 4205	MT-GLAZE 33K JA 1/16W
R4227	401 105 0306	MT-GLAZE 10 JA 1/16W	R454	401 105 0504	MT-GLAZE 1K JA 1/16W
R4228	401 105 0306	MT-GLAZE 10 JA 1/16W	R457	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4229	401 105 0306	MT-GLAZE 10 JA 1/16W	R458	401 105 0504	MT-GLAZE 1K JA 1/16W
R423	401 105 8203	MT-GLAZE 68K JA 1/16W	R459	401 212 0305	MT-GLAZE 43K FA 1/16W
R4230	401 105 0306	MT-GLAZE 10 JA 1/16W	R461	401 217 4100	MT-GLAZE 22K FA 1/16W
R4231	401 105 0306	MT-GLAZE 10 JA 1/16W	R462	401 105 0504	MT-GLAZE 1K JA 1/16W
R4232	401 105 0306	MT-GLAZE 10 JA 1/16W	R463	401 105 0504	MT-GLAZE 1K JA 1/16W
R4233	401 105 0306	MT-GLAZE 10 JA 1/16W	R464	401 105 0504	MT-GLAZE 1K JA 1/16W
R4234	401 105 0306	MT-GLAZE 10 JA 1/16W	R466	401 105 0504	MT-GLAZE 1K JA 1/16W
R4235	401 105 0306	MT-GLAZE 10 JA 1/16W	R467	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4236	401 105 0306	MT-GLAZE 10 JA 1/16W	R468	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4237	401 105 0306	MT-GLAZE 10 JA 1/16W	R471	401 105 0504	MT-GLAZE 1K JA 1/16W
R4238	401 105 0405	MT-GLAZE 100 JA 1/16W	R473	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R424	401 113 6802	MT-GLAZE 11K JA 1/16W	R474	401 105 0603	MT-GLAZE 10K JA 1/16W
R4240	401 105 0306	MT-GLAZE 10 JA 1/16W	R476	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4242	401 105 0405	MT-GLAZE 100 JA 1/16W	R477	401 262 8207	MT-GLAZE 430 FA 1/16W
R4243	401 105 0405	MT-GLAZE 100 JA 1/16W	R478	401 219 0902	MT-GLAZE 1.1K FA 1/16W
R4244	401 105 0405	MT-GLAZE 100 JA 1/16W	R479	401 230 2503	MT-GLAZE 1K FA 1/16W
R4246	401 105 0405	MT-GLAZE 100 JA 1/16W	R4801	401 105 0504	MT-GLAZE 1K JA 1/16W
R4248	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4802	401 105 0504	MT-GLAZE 1K JA 1/16W
R4249	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4803	401 105 5202	MT-GLAZE 470 JA 1/16W
R4251	401 105 0306	MT-GLAZE 10 JA 1/16W	R4804	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R4252	401 105 0306	MT-GLAZE 10 JA 1/16W	R4805	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R4253	401 105 0306	MT-GLAZE 10 JA 1/16W	R4807	401 105 0405	MT-GLAZE 100 JA 1/16W
R4254	401 105 0306	MT-GLAZE 10 JA 1/16W	R4808	401 105 2904	MT-GLAZE 22K JA 1/16W
R4255	401 105 0306	MT-GLAZE 10 JA 1/16W	R4809	401 105 0504	MT-GLAZE 1K JA 1/16W
R4256	401 105 0603	MT-GLAZE 10K JA 1/16W	R481	401 260 4706	MT-GLAZE 1.5K FA 1/16W
R4257	401 105 0504	MT-GLAZE 1K JA 1/16W	R4810	401 105 0405	MT-GLAZE 100 JA 1/16W
R4258	401 105 0504	MT-GLAZE 1K JA 1/16W	R4811	401 105 2904	MT-GLAZE 22K JA 1/16W
R4259	401 105 0306	MT-GLAZE 10 JA 1/16W	R4812	401 105 4502	MT-GLAZE 390 JA 1/16W
R426	401 105 0603	MT-GLAZE 10K JA 1/16W	R4813	401 105 4502	MT-GLAZE 390 JA 1/16W
R4260	401 105 0306	MT-GLAZE 10 JA 1/16W	R4814	401 105 4502	MT-GLAZE 390 JA 1/16W
R4262	401 105 0603	MT-GLAZE 10K JA 1/16W	R4815	401 105 0405	MT-GLAZE 100 JA 1/16W
R4264	401 105 0306	MT-GLAZE 10 JA 1/16W	R4816	401 105 2904	MT-GLAZE 22K JA 1/16W
R4266	401 105 8203	MT-GLAZE 68K JA 1/16W	R482	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4267	401 105 0306	MT-GLAZE 10 JA 1/16W	R4821	401 105 6001	MT-GLAZE 5.6K JA 1/16W
R4268	401 105 0306	MT-GLAZE 10 JA 1/16W	R4824	401 105 0603	MT-GLAZE 10K JA 1/16W
R4269	401 105 0603	MT-GLAZE 10K JA 1/16W	R4825	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R427	401 113 6802	MT-GLAZE 11K JA 1/16W	R4826	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4270	401 105 0405	MT-GLAZE 100 JA 1/16W	R4827	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4271	401 105 0405	MT-GLAZE 100 JA 1/16W	R483	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4272	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R4831	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4273	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R4833	401 105 0405	MT-GLAZE 100 JA 1/16W
R4275	401 105 0603	MT-GLAZE 10K JA 1/16W	R4834	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4276	401 105 0504	MT-GLAZE 1K JA 1/16W	R4836	401 105 0405	MT-GLAZE 100 JA 1/16W
R4277	401 105 0306	MT-GLAZE 10 JA 1/16W	R4837	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4278	401 105 0306	MT-GLAZE 10 JA 1/16W	R4839	401 105 0405	MT-GLAZE 100 JA 1/16W
R4279	401 105 0306	MT-GLAZE 10 JA 1/16W	R484	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R428	401 105 0603	MT-GLAZE 10K JA 1/16W	R4840	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4280	401 105 0306	MT-GLAZE 10 JA 1/16W	R4842	401 105 0405	MT-GLAZE 100 JA 1/16W
R4281	401 105 0504	MT-GLAZE 1K JA 1/16W	R4843	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4282	401 105 0306	MT-GLAZE 10 JA 1/16W	R4845	401 105 0405	MT-GLAZE 100 JA 1/16W
R4283	401 105 0306	MT-GLAZE 10 JA 1/16W	R4846	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4284	401 105 0306	MT-GLAZE 10 JA 1/16W	R4848	401 105 0405	MT-GLAZE 100 JA 1/16W
R4285	401 105 0306	MT-GLAZE 10 JA 1/16W	R4849	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4286	401 105 0603	MT-GLAZE 10K JA 1/16W	R485	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4287	401 105 0603	MT-GLAZE 10K JA 1/16W	R4851	401 105 0405	MT-GLAZE 100 JA 1/16W
R4288	401 105 0504	MT-GLAZE 1K JA 1/16W	R4852	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R4289	401 105 0306	MT-GLAZE 10 JA 1/16W	R4854	401 105 0405	MT-GLAZE 100 JA 1/16W
R429	401 113 6802	MT-GLAZE 11K JA 1/16W	R4858	401 105 0603	MT-GLAZE 10K JA 1/16W
R4290	401 105 0603	MT-GLAZE 10K JA 1/16W	R4859	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R4291	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R486	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4292	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4860	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R4293	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4861	401 105 0405	MT-GLAZE 100 JA 1/16W
R4294	401 105 0603	MT-GLAZE 10K JA 1/16W	R4862	401 105 0405	MT-GLAZE 100 JA 1/16W
R4295	401 105 0306	MT-GLAZE 10 JA 1/16W	R4863	401 105 0405	MT-GLAZE 100 JA 1/16W
R4296	401 105 0603	MT-GLAZE 10K JA 1/16W	R4864	401 105 0405	MT-GLAZE 100 JA 1/16W
R4297	401 105 0504	MT-GLAZE 1K JA 1/16W	R4865	401 105 0405	MT-GLAZE 100 JA 1/16W
R4298	401 105 0405	MT-GLAZE 100 JA 1/16W	R4866	401 105 0405	MT-GLAZE 100 JA 1/16W
R431	401 105 0603	MT-GLAZE 10K JA 1/16W	R4868	401 105 6001	MT-GLAZE 5.6K JA 1/16W
R432	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4869	401 105 2904	MT-GLAZE 22K JA 1/16W
R433	401 105 0603	MT-GLAZE 10K JA 1/16W	R487	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R434	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R4870	401 105 0603	MT-GLAZE 10K JA 1/16W
R435	401 105 0603	MT-GLAZE 10K JA 1/16W	R4871	401 105 2904	MT-GLAZE 22K JA 1/16W
R438	401 105 0405	MT-GLAZE 100 JA 1/16W	R4872	401 105 0603	MT-GLAZE 10K JA 1/16W
R439	401 105 0405	MT-GLAZE 100 JA 1/16W	R4877	401 105 4601	MT-GLAZE 3.9K JA 1/16W
R4401	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4878	401 105 4700	MT-GLAZE 39K JA 1/16W
R4402	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4879	401 105 8104	MT-GLAZE 56K JA 1/16W
R4404	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R488	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4405	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4880	401 105 0405	MT-GLAZE 100 JA 1/16W
R4406	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4881	401 105 0405	MT-GLAZE 100 JA 1/16W
R4407	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4882	401 105 0405	MT-GLAZE 100 JA 1/16W
R4408	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4883	401 105 0405	MT-GLAZE 100 JA 1/16W
R4409	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4884	401 105 0405	MT-GLAZE 100 JA 1/16W
R441	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4885	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4410	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4886	401 279 3905	MT-GLAZE 39 JA 1/3W
R4411	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R4887	401 105 0603	MT-GLAZE 10K JA 1/16W
R443	401 105 0603	MT-GLAZE 10K JA 1/16W	R4888	401 279 3905	MT-GLAZE 39 JA 1/3W
R444	401 105 0603	MT-GLAZE 10K JA 1/16W	R489	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R445	401 105 5301	MT-GLAZE 4.7K JA 1/16W	R4892	401 279 3905	MT-GLAZE 39 JA 1/3W
R4503	401 105 1600	MT-GLAZE 15K JA 1/16W	R501	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4504	401 105 0702	MT-GLAZE 100K JA 1/16W	R502	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R4507	401 105 0702	MT-GLAZE 100K JA 1/16W	R503	401 105 7909	MT-GLAZE 0.000 ZA 1/16W

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R504	401 105 0603	MT-GLAZE 10K JA 1/16W	R6885	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R505	401 105 3406	MT-GLAZE 27K JA 1/16W	R6886	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R506	401 105 1105	MT-GLAZE 12K JA 1/16W	R6887	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R507	401 105 0603	MT-GLAZE 10K JA 1/16W	R6888	401 105 5202	MT-GLAZE 470 JA 1/16W
R510	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6889	401 105 0603	MT-GLAZE 10K JA 1/16W
R511	401 105 4007	MT-GLAZE 330 JA 1/16W	R6890	401 105 0603	MT-GLAZE 10K JA 1/16W
R512	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R6891	401 105 2904	MT-GLAZE 22K JA 1/16W
R513	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6892	401 105 1600	MT-GLAZE 15K JA 1/16W
R514	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6893	401 105 6001	MT-GLAZE 5.6K JA 1/16W
R5302	401 105 5905	MT-GLAZE 560 JA 1/16W	R6894	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R5303	401 105 2706	MT-GLAZE 220 JA 1/16W	R6895	401 105 3307	MT-GLAZE 2.7K JA 1/16W
R5307	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6896	401 105 2003	MT-GLAZE 1.8K JA 1/16W
R531	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6897	401 105 1501	MT-GLAZE 1.5K JA 1/16W
R532	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R6898	401 105 5202	MT-GLAZE 470 JA 1/16W
R5322	401 105 5905	MT-GLAZE 560 JA 1/16W	R6899	401 105 0603	MT-GLAZE 10K JA 1/16W
R5323	401 105 2706	MT-GLAZE 220 JA 1/16W	R801	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R5342	401 105 5905	MT-GLAZE 560 JA 1/16W	R802	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R5344	401 105 2706	MT-GLAZE 220 JA 1/16W	R803	401 105 0405	MT-GLAZE 100 JA 1/16W
R5345	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R804	401 105 0405	MT-GLAZE 100 JA 1/16W
R5346	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R806	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R535	401 105 3406	MT-GLAZE 27K JA 1/16W	R808	401 105 0405	MT-GLAZE 100 JA 1/16W
R536	401 105 1105	MT-GLAZE 12K JA 1/16W	R809	401 105 0405	MT-GLAZE 100 JA 1/16W
R5360	401 105 4106	MT-GLAZE 3.3K JA 1/16W	R810	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R5361	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R811	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R5362	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R812	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R5363	401 105 5905	MT-GLAZE 560 JA 1/16W	R813	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R5364	401 105 2706	MT-GLAZE 220 JA 1/16W	R815	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R5365	401 105 4106	MT-GLAZE 3.3K JA 1/16W	R816	401 105 4106	MT-GLAZE 3.3K JA 1/16W
R5366	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R817	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R5368	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R818	401 105 0603	MT-GLAZE 10K JA 1/16W
R5369	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R820	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R537	401 105 0603	MT-GLAZE 10K JA 1/16W	R821	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R5370	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R823	401 105 4007	MT-GLAZE 330 JA 1/16W
R5371	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R824	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R5372	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R826	401 105 2904	MT-GLAZE 22K JA 1/16W
R5373	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R827	401 105 2904	MT-GLAZE 22K JA 1/16W
R540	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R831	401 105 0900	MT-GLAZE 120 JA 1/16W
R5403	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R832	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R5404	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R833	401 105 0405	MT-GLAZE 100 JA 1/16W
R5405	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R834	401 105 0603	MT-GLAZE 10K JA 1/16W
R5406	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R835	401 105 0405	MT-GLAZE 100 JA 1/16W
R5407	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R837	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R5408	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R838	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R541	401 105 4007	MT-GLAZE 330 JA 1/16W	R839	401 105 0603	MT-GLAZE 10K JA 1/16W
R5410	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R841	NOT USED	
R5411	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R843	401 105 2904	MT-GLAZE 22K JA 1/16W
R5412	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R845	401 105 0405	MT-GLAZE 100 JA 1/16W
R5413	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R846	401 105 0504	MT-GLAZE 1K JA 1/16W
R5414	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R847	401 105 0603	MT-GLAZE 10K JA 1/16W
R5415	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R848	401 105 2805	MT-GLAZE 2.2K JA 1/16W
R5416	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R849	401 105 2904	MT-GLAZE 22K JA 1/16W
R5417	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R850	401 105 2904	MT-GLAZE 22K JA 1/16W
R5418	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R852	401 105 0603	MT-GLAZE 10K JA 1/16W
R5419	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R853	401 105 0405	MT-GLAZE 100 JA 1/16W
R542	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R855	401 105 0603	MT-GLAZE 10K JA 1/16W
R5420	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R856	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R5421	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R858	401 105 0603	MT-GLAZE 10K JA 1/16W
R5422	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R860	401 105 0405	MT-GLAZE 100 JA 1/16W
R5423	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R861	401 105 0603	MT-GLAZE 10K JA 1/16W
R5424	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R862	401 105 2904	MT-GLAZE 22K JA 1/16W
R543	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R863	401 105 0603	MT-GLAZE 10K JA 1/16W
R544	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R864	401 105 0306	MT-GLAZE 10 JA 1/16W
R545	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R865	401 105 0306	MT-GLAZE 10 JA 1/16W
R5502	401 105 0603	MT-GLAZE 10K JA 1/16W	R868	401 105 0405	MT-GLAZE 100 JA 1/16W
R5503	401 105 0504	MT-GLAZE 1K JA 1/16W	R869	401 105 0405	MT-GLAZE 100 JA 1/16W
R5504	401 105 3802	MT-GLAZE 30K JA 1/16W	R871	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R5505	401 105 0603	MT-GLAZE 10K JA 1/16W	R872	401 105 0405	MT-GLAZE 100 JA 1/16W
R5506	401 105 0603	MT-GLAZE 10K JA 1/16W	R873	401 105 5301	MT-GLAZE 4.7K JA 1/16W
R5507	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R874	401 105 0405	MT-GLAZE 100 JA 1/16W
R5508	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	R875	401 105 0405	MT-GLAZE 100 JA 1/16W
R5532	401 105 0603	MT-GLAZE 10K JA 1/16W	R876	401 105 0405	MT-GLAZE 100 JA 1/16W
R5533	401 105 0504	MT-GLAZE 1K JA 1/16W	R877	401 105 0405	MT-GLAZE 100 JA 1/16W
R5534	401 105 3802	MT-GLAZE 30K JA 1/16W	R878	401 105 0405	MT-GLAZE 100 JA 1/16W
R5535	401 105 0603	MT-GLAZE 10K JA 1/16W	R879	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R5536	401 105 0603	MT-GLAZE 10K JA 1/16W	R880	401 105 0405	MT-GLAZE 100 JA 1/16W
R5537	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R881	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R561	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R882	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R562	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R883	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R563	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R884	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R564	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R885	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R565	401 105 3406	MT-GLAZE 27K JA 1/16W	R886	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R566	401 105 1105	MT-GLAZE 12K JA 1/16W	R887	401 105 0405	MT-GLAZE 100 JA 1/16W
R567	401 105 0603	MT-GLAZE 10K JA 1/16W	R888	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R570	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R889	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R571	401 105 4007	MT-GLAZE 330 JA 1/16W	R891	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R572	401 105 7404	MT-GLAZE 8.2K JA 1/16W	R892	401 105 0405	MT-GLAZE 100 JA 1/16W
R573	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R893	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R574	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R894	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R581	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R895	401 105 0405	MT-GLAZE 100 JA 1/16W
R582	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R896	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R583	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	R898	401 105 0306	MT-GLAZE 10 JA 1/16W
R6881	401 105 5202	MT-GLAZE 470 JA 1/16W	R9401	401 105 5905	MT-GLAZE 560 JA 1/16W
R6882	401 105 1600	MT-GLAZE 15K JA 1/16W	R9402	401 105 7909	MT-GLAZE 0.000 ZA 1/16W
R6883	401 105 6001	MT-GLAZE 5.6K JA 1/16W			SANYO
R6884	401 105 5301	MT-GLAZE 4.7K JA 1/16W			

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R9403	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4123	407 149 0807	DIODE 1SS355-TE-17
R9406	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4142	407 149 0807	DIODE 1SS355-TE-17
R9407	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4143	407 149 0807	DIODE 1SS355-TE-17
R9410	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4144	407 149 0807	DIODE 1SS355-TE-17
R9421	401 105 5905	MT-GLAZE 560 JA 1/16W	D4145	407 149 0807	DIODE 1SS355-TE-17
R9422	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4201	407 149 0807	DIODE 1SS355-TE-17
R9423	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4202	407 149 0807	DIODE 1SS355-TE-17
R9426	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4801	407 187 8209	ZENER DIODE UDZ12B-TE-17
R9427	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4802	407 187 8209	ZENER DIODE UDZ12B-TE-17
R9430	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4803	407 187 8209	ZENER DIODE UDZ12B-TE-17
R9441	401 105 5905	MT-GLAZE 560 JA 1/16W	D4804	407 187 8209	ZENER DIODE UDZ12B-TE-17
R9442	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4805	407 187 8209	ZENER DIODE UDZ12B-TE-17
R9443	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4807	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R9446	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4808	407 179 0501	ZENER DIODE UDZ6.2B-TE-17
R9447	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4809	407 149 0807	DIODE 1SS355-TE-17
R9450	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4811	407 149 0807	DIODE 1SS355-TE-17
R9471	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D4812	407 149 0807	DIODE 1SS355-TE-17
R9472	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D5361	407 149 0807	DIODE 1SS355-TE-17
R9473	401 105 7909	MT-GLAZE 0.000 ZA 1/16W	D5362	407 149 0807	DIODE 1SS355-TE-17
VARIABLE RESISTOR			D5501	407 149 0807	DIODE 1SS355-TE-17
VR2201	645 025 7421	VR, SEMI, 10K S	D801	407 092 9506	DIODE SB07-03C-TB
VR281	645 025 7568	VR, SEMI, 5K S	D804	407 187 8209	ZENER DIODE UDZ12B-TE-17
VR451	645 025 7421	VR, SEMI, 10K S	MISCELLANEOUS		
VR452	645 025 7421	VR, SEMI, 10K S	TPRST	645 036 5010	TERMINAL
VR501	645 025 7421	VR, SEMI, 10K S	TPVRST	645 036 5010	TERMINAL
VR531	645 025 7421	VR, SEMI, 10K S	TP1101B	645 036 5010	TERMINAL
VR561	645 025 7421	VR, SEMI, 10K S	TP1101G	645 036 5010	TERMINAL
COIL			TP1101R	645 036 5010	TERMINAL
L1121	401 037 5004	MT-GLAZE 0.000 ZA 1/10W	TP2201	645 036 5010	TERMINAL
L1201	645 026 1008	INDUCTOR, 3.3U M	TP2202	645 036 5010	TERMINAL
L1241	645 026 1008	INDUCTOR, 3.3U M	TP2203	645 036 5010	TERMINAL
L1242	645 026 1008	INDUCTOR, 3.3U M	TP2501	645 036 5010	TERMINAL
L1501	645 002 5129	INDUCTOR, 0.47U M	TP4205	645 036 5010	TERMINAL
L1531	645 002 5129	INDUCTOR, 0.47U M	TP4206	645 036 5010	TERMINAL
L1561	645 002 5129	INDUCTOR, 0.47U M	TP4801	645 036 5010	TERMINAL
L201	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	TP4802	645 036 5010	TERMINAL
L202	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	TP511	645 036 5010	TERMINAL
L2201	645 020 1776	INDUCTOR, 3.3U M	TP512	645 036 5010	TERMINAL
L2381	645 026 1008	INDUCTOR, 3.3U M	TP513	645 036 5010	TERMINAL
L2501	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	TP814	645 036 5010	TERMINAL
L2502	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	TP815	645 036 5010	TERMINAL
L301	645 020 1776	INDUCTOR, 3.3U M	K25B	645 027 9690	SOCKET, FPC 32P
L303	645 020 1776	INDUCTOR, 3.3U M	K25G	645 027 9690	SOCKET, FPC 32P
L304	645 020 1776	INDUCTOR, 3.3U M	K25R	645 027 9690	SOCKET, FPC 32P
L305	645 020 1776	INDUCTOR, 3.3U M	K8A	645 025 0330	PLUG, PWB-PWB 54P
L311	645 020 1776	INDUCTOR, 3.3U M	K8B	645 025 0330	PLUG, PWB-PWB 54P
L3201	645 020 1776	INDUCTOR, 3.3U M	K8C	645 020 7211	PLUG, 7P
L391	645 020 1776	INDUCTOR, 3.3U M	K8D	645 010 0772	PLUG, 8P
L401	645 020 1776	INDUCTOR, 3.3U M	K8E	645 025 7193	PLUG, 12P
L4201	645 020 1776	INDUCTOR, 3.3U M	K8F	645 020 7204	PLUG, 5P
L4231	401 035 4108	MT-GLAZE 0.000 ZA 1/8W	K8G	645 012 2248	PLUG, 4P
L4251	645 026 1008	INDUCTOR, 3.3U M	K8K	645 020 7228	PLUG, 9P
L471	401 038 7601	MT-GLAZE 560 JA 1/10W	K8L	645 038 1645	PLUG, SIDE-ZR-SM3 12P
L472	401 037 5202	MT-GLAZE 100 JA 1/10W	K8M	645 025 0330	PLUG, PWB-PWB 54P
L473	401 038 7601	MT-GLAZE 560 JA 1/10W	K8N	645 025 0330	PLUG, PWB-PWB 54P
L474	401 037 5202	MT-GLAZE 100 JA 1/10W	K8P	645 005 8387	PLUG, 6P
L476	401 038 7601	MT-GLAZE 560 JA 1/10W	K8R	645 020 7198	PLUG, 3P
L477	401 037 5202	MT-GLAZE 100 JA 1/10W	K8S	645 005 6949	PLUG, SIDE-ZR-SM3 6P
L481	645 020 1776	INDUCTOR, 3.3U M	K8T	645 005 6970	PLUG, SIDE-ZR-SM3 9P
L501	645 002 5129	INDUCTOR, 0.47U M	K8U	645 005 8387	PLUG, 6P
L502	645 026 1008	INDUCTOR, 3.3U M	K8W	645 012 2248	PLUG, 4P
L531	645 002 5129	INDUCTOR, 0.47U M	K8X	645 020 7198	PLUG, 3P
L532	645 026 1008	INDUCTOR, 3.3U M	K8Y	645 020 7198	PLUG, 3P
L5361	645 020 1776	INDUCTOR, 3.3U M	K8Z	645 005 6963	PLUG, SIDE-ZR-SM3 8P
L5401	645 020 1776	INDUCTOR, 3.3U M	SW801	645 025 3478	SWITCH, PUSH 1P-2TX1
L5402	645 020 1776	INDUCTOR, 3.3U M	SW802	645 025 3478	SWITCH, PUSH 1P-2TX1
L561	645 002 5129	INDUCTOR, 0.47U M	SW803	645 025 3478	SWITCH, PUSH 1P-2TX1
L562	645 026 1008	INDUCTOR, 3.3U M	SW804	645 025 3478	SWITCH, PUSH 1P-2TX1
DIODE			SW805	645 025 3478	SWITCH, PUSH 1P-2TX1
D1102	407 149 0807	DIODE 1SS355-TE-17	SW806	645 025 3478	SWITCH, PUSH 1P-2TX1
D1103	407 149 0807	DIODE 1SS355-TE-17	SW807	645 025 3478	SWITCH, PUSH 1P-2TX1
D1131	407 149 0807	DIODE 1SS355-TE-17	SW808	645 025 3478	SWITCH, PUSH 1P-2TX1
D1132	407 149 0807	DIODE 1SS355-TE-17	SW811	645 025 3478	SWITCH, PUSH 1P-2TX1
D1201	407 149 0807	DIODE 1SS355-TE-17	SW812	645 025 3478	SWITCH, PUSH 1P-2TX1
D1202	407 149 0807	DIODE 1SS355-TE-17	SW813	645 025 3478	SWITCH, PUSH 1P-2TX1
D1801	407 187 8209	ZENER DIODE UDZ12B-TE-17	SW814	645 025 3478	SWITCH, PUSH 1P-2TX1
D1802	407 187 8209	ZENER DIODE UDZ12B-TE-17	SW815	645 025 3478	SWITCH, PUSH 1P-2TX1
D1803	407 187 8209	ZENER DIODE UDZ12B-TE-17	SW816	645 025 3478	SWITCH, PUSH 1P-2TX1
D2201	407 149 0807	DIODE 1SS355-TE-17	SW817	645 025 3478	SWITCH, PUSH 1P-2TX1
D2501	407 187 8308	ZENER DIODE UDZ13B-TE-17	SW818	645 025 3478	SWITCH, PUSH 1P-2TX1
D2502	407 149 0807	DIODE 1SS355-TE-17	X351	645 036 3788	OSC, CRYSTAL, 16.000MHZ
D3301	407 149 0807	DIODE 1SS355-TE-17	X801	645 035 2249	OSC, CRYSTAL 6.7584MHZ
D3302	407 149 0807	DIODE 1SS355-TE-17			
D351	407 149 0807	DIODE 1SS355-TE-17			
D352	407 149 0807	DIODE 1SS355-TE-17			
D391	407 149 0807	DIODE 1SS355-TE-17			
D4101	407 149 0807	DIODE 1SS355-TE-17			
D4102	407 149 0807	DIODE 1SS355-TE-17			
D4103	407 149 0807	DIODE 1SS355-TE-17			
D4111	407 149 0807	DIODE 1SS355-TE-17			
D4112	407 149 0807	DIODE 1SS355-TE-17			
D4113	407 149 0807	DIODE 1SS355-TE-17			
D4114	407 149 0807	DIODE 1SS355-TE-17			
D4121	407 149 0807	DIODE 1SS355-TE-17			
D4122	407 149 0807	DIODE 1SS355-TE-17			

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description

	610 290 5793	ASSY, POWER MH6AA SERVICE			
*ASSY, PWB, POWER MF6AF					
	CN6AB	645 008 3679 SOCKET, 15P			
	CN6BB	645 005 8615 SOCKET, 12P			
▲ C601	404 078 8706	MT-POLYEST 0.47U M 275V			
▲ C602	404 078 8706	MT-POLYEST 0.47U M 275V			
▲ C603	404 081 4702	MT-POLYEST 0.22U M 275V			
C606	404 073 5106	CERAMIC 470P K 250V			
	404 044 2806	CERAMIC 470P K 400V			
C608	404 073 3904	CERAMIC 1000P K 250V			
	404 059 9203	CERAMIC 1000P M 400V			
C609	404 073 3904	CERAMIC 1000P K 250V			
	404 059 9203	CERAMIC 1000P M 400V			
C611	403 165 6007	CERAMIC 1000P K 1K			
C612	403 165 6007	CERAMIC 1000P K 1K			
C613	403 126 4608	ELECT 100U M 25V			
C614	403 126 4608	ELECT 100U M 25V			
C616	403 275 6003	MT-POLYEST 1.5U J 400V			
C617	403 148 1807	ELECT 220U M 35V			
C618	404 081 6102	ELECT 220U M 450V			
C619	403 323 8706	MT-POLYEST 0.047U K 450V			
C621	403 165 6007	CERAMIC 1000P K 1K			
C622	403 071 3503	CERAMIC 0.018U K 50V			
C631	403 156 9000	ELECT 2.2U M 50V			
C632	403 237 7901	MT-COMPO 0.22U J 50V			
C633	403 069 1702	CERAMIC 1000P K 50V			
C634	403 165 8803	CERAMIC 330P K 2K			
C636	403 070 2606	CERAMIC 0.1U Z 50V			
C637	403 167 8603	CERAMIC 220P K 2K			
C638	403 333 3500	POLYPRO 0.022U J 630V			
C639	403 074 9502	CERAMIC 680P K 50V			
C640	403 070 2606	CERAMIC 0.1U Z 50V			
C641	403 156 8805	ELECT 1U M 50V			
C642	403 148 1807	ELECT 220U M 35V			
C643	403 070 2606	CERAMIC 0.1U Z 50V			
C644	403 166 9809	TA-SOLID 0.47U M 25V			
C651	403 148 0701	ELECT 2200U M 25V			
	403 313 6002	ELECT 2200U M 25V			
C652	403 148 0404	ELECT 1000U M 25V			
	403 301 7103	ELECT 1000U M 25V			
C653	403 119 7609	ELECT 2200U M 10V			
	403 313 5906	ELECT 2200U M 10V			
C654	403 119 7609	ELECT 2200U M 10V			
	403 313 5906	ELECT 2200U M 10V			
C655	403 148 0404	ELECT 1000U M 25V			
	403 301 7103	ELECT 1000U M 25V			
C656	403 070 2606	CERAMIC 0.1U Z 50V			
C657	403 070 2606	CERAMIC 0.1U Z 50V			
C658	403 148 0404	ELECT 1000U M 25V			
	403 301 7103	ELECT 1000U M 25V			
C659	403 155 5607	ELECT 220U M 10V			
C660	403 148 0404	ELECT 1000U M 25V			
	403 301 7103	ELECT 1000U M 25V			
C661	403 156 9208	ELECT 4.7U M 50V			
C662	403 119 7609	ELECT 2200U M 10V			
	403 313 5906	ELECT 2200U M 10V			
C663	403 119 7609	ELECT 2200U M 10V			
	403 313 5906	ELECT 2200U M 10V			
C665	403 134 6403	ELECT 2200U M 16V			
C666	403 134 6403	ELECT 2200U M 16V			
C667	403 126 4707	ELECT 220U M 16V			
C668	403 126 4707	ELECT 220U M 16V			
C670	403 126 4707	ELECT 220U M 16V			
C671	403 126 4707	ELECT 220U M 16V			
C672	403 148 0404	ELECT 1000U M 25V			
	403 301 7103	ELECT 1000U M 25V			
C673	403 070 2606	CERAMIC 0.1U Z 50V			
C674	403 148 0602	ELECT 220U M 25V			
C675	403 070 2606	CERAMIC 0.1U Z 50V			
C682	403 070 2606	CERAMIC 0.1U Z 50V			
C686	403 208 6001	ELECT 2200U M 6.3V			
C687	403 070 2606	CERAMIC 0.1U Z 50V			
C688	403 208 6001	ELECT 2200U M 6.3V			
C689	403 070 2606	CERAMIC 0.1U Z 50V			
C691	403 070 2606	CERAMIC 0.1U Z 50V			
C692	403 070 2606	CERAMIC 0.1U Z 50V			
DB601	407 202 7705	DIODE D10XB60			
DB601A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
DB601B	411 174 4709	SCR S-TPG PAN+SWW 3X10			
DB601H	610 276 0439	HEAT SINK POWER A-M6SA			
DS601	407 175 2400	THYRISTOR CR12AM-12			
DS601A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
DS601B	411 174 4808	SCR S-TPG PAN+SWW 3X8			
DS602	407 175 2400	THYRISTOR CR12AM-12			
DZ631	407 071 0104	ZENER DIODE DZD12Y-TA			
	407 175 2806	ZD 02C212Y (TE85R)			
D601	407 174 2302	DIODE AK06			
D602	407 191 3900	DIODE FML-G16S			
D602A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
D602B	411 174 4709	SCR S-TPG PAN+SWW 3X10			
D602H	610 276 0446	HEAT SINK POWER B-M6SA			
D603	407 190 4106	DIODE SFPL-52V			
D605	407 190 4106	DIODE SFPL-52V			
D615	407 103 1505	ZENER DIODE RD22M-T1BB3			
	407 198 9004	ZD 02C222Z (TE85R)			
D621	407 149 0807	DIODE 1SS355-TE-17			
D622	407 149 0807	DIODE 1SS355-TE-17			
D630	407 056 9306	ZENER DIODE RD5.1M-T1BB2			
	407 056 9405	ZENER DIODE RD5.1M-T2BB3			
D631	407 149 0807	DIODE 1SS355-TE-17			
D632	407 190 4106	DIODE SFPL-52V			
D633	407 100 6909	DIODE AG01			
D661	407 202 9808	DIODE FMB-26L			
D661A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
D661B	411 174 4808	SCR S-TPG PAN+SWW 3X8			
D661H	610 282 2847	HEAT SINK POWER A-MF6A			
D662	407 164 2206	DIODE FMB-24L			
D662A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
D662B	411 174 4808	SCR S-TPG PAN+SWW 3X8			
D663	407 190 4106	DIODE SFPL-52V			
D665	407 206 9804	DIODE SFPB-52V			
D666	407 202 9808	DIODE FMB-26L			
D666A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
D666B	411 174 4808	SCR S-TPG PAN+SWW 3X8			
D667	407 149 0807	DIODE 1SS355-TE-17			
D669	407 149 0807	DIODE 1SS355-TE-17			
D672	407 149 0807	DIODE 1SS355-TE-17			
FB602	610 229 3531	CORE			
FB603	610 229 3531	CORE			
FB606	610 229 3531	CORE			
FB607	610 229 3531	CORE			
FB608	610 229 3531	CORE			
IC601	409 421 4701	IC STR-Z2156			
IC601A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
IC601B1	411 179 6203	SCR S-TPG PAN+SWW 3X6			
IC601B2	411 179 6203	SCR S-TPG PAN+SWW 3X6			
IC601H	610 273 6595	HEAT SINK D-M6RA			
IC661	410 229 0901	IC SI-3120CA LF1113			
IC661A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
IC661B	411 174 4808	SCR S-TPG PAN+SWW 3X8			
IC661H	610 093 6522	RADIATOR-A3RA-D			
IC662	409 308 8600	IC SE005N			
IC663	409 414 3100	IC PQ12RD11			
	409 225 2309	IC PQ12RF11			
IC663A	610 282 4209	HEAT SINK POWER B-MF6A			
IC663B	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
IC664	410 344 0404	IC LT1585CT-3.45			
IC664A	610 278 8808	HEAT SINK POWER A-M6VA			
IC664B	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
J604	401 037 5004	MT-GLAZE 0.000 ZA 1/10W			
KL601	645 004 2898	PLUG, 3P			
K6A	645 032 5885	PLUG, 2P			
K6B	645 005 9315	PLUG, 2P			
K6SA	645 032 6318	TERMINAL			
K6SB	645 038 6237	TERMINAL			
▲ L601	645 025 7810	LINE FILTER			
▲ L602	645 025 7810	LINE FILTER			
L603	645 032 8497	INDUCTOR, 850U			
L661	645 007 7968	INDUCTOR, 10U M			
L662	645 007 7968	INDUCTOR, 10U M			
L664	645 007 7968	INDUCTOR, 10U M			
L665	645 007 8057	INDUCTOR, 220U K			
L671	645 007 8057	INDUCTOR, 220U K			
PC621	407 145 4908	PC TLP121 GB TPL			
PTH601	408 037 4600	THERMISTOR NTH11D8R0LA			
Q601	405 140 3704	TR 2SK2698			
Q601A	610 263 7175	SPACER TC-30CG (TO-3P)			
Q601B	411 154 3104	SCR S-TPG PAN+SWW 3X12			
Q621	405 134 5905	TR 2SA1037AK-T146-R			
Q623	405 134 5905	TR 2SA1037AK-T146-R			
Q661	405 144 6503	TR 2SK2312			
Q662	405 144 6503	TR 2SK2312			
Q663	405 014 4509	TR 2SC2412K T146 R			
Q664	405 138 1309	TR 2SB1565-E			
	405 138 1408	TR 2SB1565-F			
Q664A	610 282 4209	HEAT SINK POWER B-MF6A			
Q664B	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
Q665	405 134 5905	TR 2SA1037AK-T146-R			
Q666	405 014 4509	TR 2SC2412K T146 R			
Q672	405 014 4509	TR 2SC2412K T146 R			
Q673	405 134 5905	TR 2SA1037AK-T146-R			
R601	401 008 8607	CARBON 220K JA 1/2W			
R602	401 237 0007	MT-GLAZE 47K JA 1W			
R603	401 237 0007	MT-GLAZE 47K JA 1W			
R604	401 237 0007	MT-GLAZE 47K JA 1W			
R605	401 237 0007	MT-GLAZE 47K JA 1W			

Electrical Parts List

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R606	401 237 0007	MT-GLAZE 47K JA 1W	IC01	409 483 3803	IC FA5332M
R607	401 237 0007	MT-GLAZE 47K JA 1W	K1	610 225 9421	TERMINAL 10P
R608	402 078 3301	RESISTOR 0.15 JA 2W	Q01	405 014 4509	TR 2SC2412K T146 R
R609	402 078 3301	RESISTOR 0.15 JA 2W	Q02	405 134 5905	TR 2SA1037AK-T146-R
R611	401 242 3901	MT-GLAZE 240K JA 1/2W	R01	401 038 0800	MT-GLAZE 22K JA 1/10W
R612	401 242 3901	MT-GLAZE 240K JA 1/2W	R02	401 037 5608	MT-GLAZE 10K JA 1/10W
R613	401 038 0602	MT-GLAZE 220 JA 1/10W	R03	401 157 0903	MT-GLAZE 3.9M JA 1/10W
R614	401 258 8204	MT-GLAZE 680 JA 1/3W	R04	401 038 0503	MT-GLAZE 22 JA 1/10W
R616	402 080 8806	MT-GLAZE 680 KA 1W	R05	401 037 5004	MT-GLAZE 0.000 ZA 1/10W
R618	401 259 9002	MT-GLAZE 150K FA 1/2W	R06	401 038 5508	MT-GLAZE 4.7 JA 1/10W
	401 260 0500	MT-GLAZE 150K FD 1/2W	R07	401 038 3504	MT-GLAZE 330 JA 1/10W
R619	401 259 9002	MT-GLAZE 150K FA 1/2W	R08	401 037 5202	MT-GLAZE 100 JA 1/10W
	401 260 0500	MT-GLAZE 150K FD 1/2W	R09	401 037 7909	MT-GLAZE 1.5K JA 1/10W
R621	401 259 9002	MT-GLAZE 150K FA 1/2W	R11	401 038 6604	MT-GLAZE 470K JA 1/10W
	401 260 0500	MT-GLAZE 150K FD 1/2W	R12	401 037 9408	MT-GLAZE 180K JA 1/10W
R622	401 259 9002	MT-GLAZE 150K FA 1/2W	R13	401 148 2701	MT-GLAZE 1.1K FA 1/10W
	401 260 0500	MT-GLAZE 150K FD 1/2W	R14	401 092 3304	MT-GLAZE 1.2K FA 1/10W
R626	401 183 7501	MT-GLAZE 560 JA 1/2W	VR01	645 017 7446	VR, SEMI, 1K M
R627	401 037 9101	MT-GLAZE 180 JA 1/10W		645 041 5333	VR, SEMI, 1K M
R628	401 037 7800	MT-GLAZE 150 JA 1/10W			
R629	401 038 0503	MT-GLAZE 22 JA 1/10W	* ASSY, PWB, HIC-B MF6AF		
R631	401 038 0503	MT-GLAZE 22 JA 1/10W	C51	403 256 2406	CERAMIC 0.22U Z 50V
R632	401 038 3603	MT-GLAZE 3.3K JA 1/10W	DZ51	407 071 7806	ZENER DIODE DZD6.8Z-TA
R633	401 038 3603	MT-GLAZE 3.3K JA 1/10W		407 198 6607	ZD 02C26.8Z (TE85R)
R634	401 038 6505	MT-GLAZE 47K JA 1/10W	D51	407 149 0807	DIODE 1SS355-TE-17
R635	401 038 9209	MT-GLAZE 6.8K JA 1/10W	K02	610 225 9384	TERMINAL 6P
R636	401 038 2309	MT-GLAZE 270K JA 1/10W	K03	610 225 9377	TERMINAL 5P
R637	401 038 9308	MT-GLAZE 68K JA 1/10W	▲ PC51	408 014 9703	PC CNY17F-3OPT1+6
R638	401 038 9009	MT-GLAZE 220K JA 1/10W		408 016 8803	PC PC113 (VDE0884)
R639	401 037 8005	MT-GLAZE 15K JA 1/10W	▲ PC52	408 014 9703	PC CNY17F-3OPT1+6
R640	401 263 0101	MT-GLAZE 100K JA 1W		408 016 8803	PC PC113 (VDE0884)
R641	401 263 0101	MT-GLAZE 100K JA 1W	▲ PC53	408 014 9703	PC CNY17F-3OPT1+6
R642	401 263 0101	MT-GLAZE 100K JA 1W		408 016 8803	PC PC113 (VDE0884)
R643	402 081 2902	FUSIBLE RES 22 JH 1/2W	Q51	405 014 4509	TR 2SC2412K T146 R
R644	401 238 4509	MT-GLAZE 47 JA 1/3W	Q52	405 014 4509	TR 2SC2412K T146 R
R645	401 037 5707	MT-GLAZE 100K JA 1/10W	Q53	405 014 4509	TR 2SC2412K T146 R
R646	401 037 5400	MT-GLAZE 1K JA 1/10W	R51	401 037 5400	MT-GLAZE 1K JA 1/10W
R647	401 257 7406	MT-GLAZE 120 JA 1/3W	R52	401 038 7601	MT-GLAZE 560 JA 1/10W
R648	401 037 5608	MT-GLAZE 10K JA 1/10W	R53	401 037 5103	MT-GLAZE 10 JA 1/10W
R649	401 263 0101	MT-GLAZE 100K JA 1W	R54	401 037 5400	MT-GLAZE 1K JA 1/10W
R653	401 038 5300	MT-GLAZE 39K JA 1/10W	R55	401 037 9309	MT-GLAZE 18K JA 1/10W
R654	401 037 5608	MT-GLAZE 10K JA 1/10W	R56	401 038 0701	MT-GLAZE 2.2K JA 1/10W
R655	401 038 0602	MT-GLAZE 220 JA 1/10W	R57	401 038 0701	MT-GLAZE 2.2K JA 1/10W
R656	401 038 1807	MT-GLAZE 27 JA 1/10W	R58	401 037 6803	MT-GLAZE 12K JA 1/10W
R658	401 037 8005	MT-GLAZE 15K JA 1/10W	R59	401 037 5608	MT-GLAZE 10K JA 1/10W
R659	401 037 5707	MT-GLAZE 100K JA 1/10W	R61	401 038 9209	MT-GLAZE 6.8K JA 1/10W
R661	401 037 8005	MT-GLAZE 15K JA 1/10W	R62	401 037 7909	MT-GLAZE 1.5K JA 1/10W
R662	401 037 5707	MT-GLAZE 100K JA 1/10W			
R663	401 037 5608	MT-GLAZE 10K JA 1/10W			
R664	401 038 6406	MT-GLAZE 4.7K JA 1/10W			
R665	401 038 5300	MT-GLAZE 39K JA 1/10W			
R666	401 230 4705	MT-GLAZE 680 JA 1W			
R668	401 238 4400	MT-GLAZE 2.7K JA 1/3W			
R669	401 038 6505	MT-GLAZE 47K JA 1/10W			
R670	401 037 8005	MT-GLAZE 15K JA 1/10W			
R672	401 037 5004	MT-GLAZE 0.000 ZA 1/10W			
R674	401 038 7601	MT-GLAZE 560 JA 1/10W			
R675	401 037 5608	MT-GLAZE 10K JA 1/10W			
R677	401 037 5004	MT-GLAZE 0.000 ZA 1/10W			
R678	401 037 5202	MT-GLAZE 100 JA 1/10W			
R679	401 037 5400	MT-GLAZE 1K JA 1/10W			
R680	401 038 7809	MT-GLAZE 56K JA 1/10W			
R682	401 038 0701	MT-GLAZE 2.2K JA 1/10W			
R683	401 263 0101	MT-GLAZE 100K JA 1W			
R684	401 263 0101	MT-GLAZE 100K JA 1W			
R685	401 038 7809	MT-GLAZE 56K JA 1/10W			
R686	401 064 6302	OXIDE-MT 10 JA 2W			
R687	401 064 1406	OXIDE-MT 0.33 JA 2W			
R688	401 037 5004	MT-GLAZE 0.000 ZA 1/10W			
R691	401 241 6200	MT-GLAZE 6.8 JA 1W			
R692	401 241 6200	MT-GLAZE 6.8 JA 1W			
R693	401 218 8602	MT-GLAZE 5.6 JA 1W			
R694	401 218 8602	MT-GLAZE 5.6 JA 1W			
▲ TSW601	645 027 4145	SWITCH, THERMAL			
	645 031 0256	THERMOSTATS			
TSW601A	610 077 7613	SILICON GREASE G-746			
	610 077 7781	SILICON GREASE			
TSW601B	411 174 4709	SCR S-TPG PAN+SWW 3X10			
▲ T631	645 042 8098	TRANS, POWER, PULSE			
▲ VA601	407 130 2902	VARISTOR ENC471D-14A			
VR01A	610 221 1931				
VR661	645 002 3491	VR, SEMI, 2.2K S			
* ASSY, PWB, HIC-A MF6AF					
C01	403 074 9502	CERAMIC 680P K 50V			
C02	403 075 2304	CERAMIC 0.068U Z 50V			
C03	403 070 2606	CERAMIC 0.1U Z 50V			
C04	403 030 7009	CERAMIC 68P J 50V			
C05	403 069 5601	CERAMIC 0.01U K 50V			
C06	403 073 7301	CERAMIC 470P K 50V			
C07	403 073 1200	CERAMIC 0.033U K 50V			
C08	403 072 1607	CERAMIC 0.022U K 50V			
C10	403 070 2606	CERAMIC 0.1U Z 50V			
C11	403 070 2606	CERAMIC 0.1U Z 50V			
D01	407 004 1000	DIODE DCC010-TB			
D02	407 004 1000	DIODE DCC010-TB			

Electrical Parts List

Ref. No.	Part No.	Description

610 283 6028	ASSY, PWB, RC-REAR MF6A	
CAPACITOR		
C1891	403 071 6504	CERAMIC 220P K 50V
C1892	403 316 5408	CERAMIC 1U K 10V
RESISTOR		
R1891	401 037 5202	MT-GLAZE 100 JA 1/10W
R1892	401 037 5202	MT-GLAZE 100 JA 1/10W
MISCELLANEOUS		
AU1891	645 034 8310	UNIT, REMOCON RECEIVER
K18E	645 005 8226	PLUG, 3P

610 283 6011	ASSY, PWB, RC-FRONT MF6A	
CAPACITOR		
C1881	403 071 6504	CERAMIC 220P K 50V
C1882	403 316 5408	CERAMIC 1U K 10V
RESISTOR		
R1881	401 037 5202	MT-GLAZE 100 JA 1/10W
R1882	401 037 5202	MT-GLAZE 100 JA 1/10W
MISCELLANEOUS		
AU1881	645 034 8310	UNIT, REMOCON RECEIVER
K18D	645 005 8226	PLUG, 3P

Ref. No.	Part No.	Description

ACCESSORIES		
Use only	PLC-18N	009MF6AF
AA9901	645 038 7814	ASSY, REMOCON CXFA
A9901C	610 283 3867	RC-BATTERY LID-CXFXJ
**	610 287 2729	OWNER'S MANUAL-MF6AF
**	645 031 8207	ADAPTOR, MAC/IBM
	610 276 9845	COVER, DUST-M6SA
▲	645 002 9189	CORD, POWER-3.0MK
	645 030 6624	CABLE, INTERFACE VGA
	645 039 7196	CABLE, MOUSE MAC
	645 039 7202	CABLE, MOUSE PS/2
	645 039 7219	CABLE, MOUSE SRAL

Use only	PLC-18E	009PF6AF
AA9901	645 038 7814	ASSY, REMOCON CXFA
A9901C	610 283 3867	RC-BATTERY LID-CXFXJ
**	610 287 2767	OWNER'S MANUAL-PF6AF
**	610 287 2774	OWNER'S MANUAL-PF6AF-D
**	610 287 2781	OWNER'S MANUAL-PF6AF-F
**	610 287 2798	OWNER'S MANUAL-PF6AF-I
**	610 287 2804	OWNER'S MANUAL-PF6AF-E
**	645 031 8207	ADAPTOR, MAC/IBM
	610 276 9845	COVER, DUST-M6SA
▲	645 002 9196	CORD, POWER-3.0MK, EU
	645 030 6624	CABLE, INTERFACE VGA
	645 039 7196	CABLE, MOUSE MAC
	645 039 7202	CABLE, MOUSE PS/2
	645 039 7219	CABLE, MOUSE SRAL

Use only	PLC-18B	009PF6CF
AA9901	645 038 7814	ASSY, REMOCON CXFA
A9901C	610 283 3867	RC-BATTERY LID-CXFXJ
**	610 287 2828	OWNER'S MANUAL-PF6CF
**	645 031 8207	ADAPTOR, MAC/IBM
	610 276 9845	COVER, DUST-M6SA
▲	645 003 1137	CORD, POWER-3.0MK, UK
	645 030 6624	CABLE, INTERFACE VGA
	645 039 7196	CABLE, MOUSE MAC
	645 039 7202	CABLE, MOUSE PS/2
	645 039 7219	CABLE, MOUSE SRAL

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