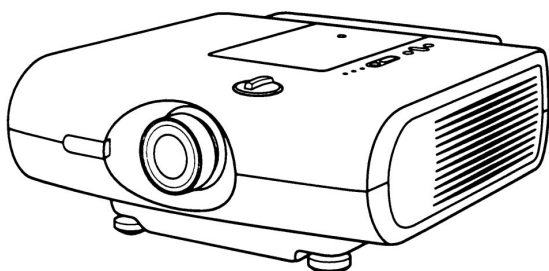


SHARP**SERVICE MANUAL**

S99P4XV-C100U

**PAL/SECAM/NTSC SYSTEM
LCD PROJECTOR****MODEL XV-C100U**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

The power unit and ballast unit of this model have been modified as follows in the course of production. This Service Manual covers the processes before and after the power and ballast units have been modified.

MODEL & UNIT	OLD	NEW	Numbers of units produced
XV-C100U (U.S.A)			
POWER UNIT	RDENC0272CEZZ	DSETU1796FMV3	1~29 OLD
BALLAST UNIT	RDENC0271CEZZ	DSETU1802FMV3	30~ NEW
XV-C100U (Canada)			
POWER UNIT	DSETU1796FMV3	←	1~ NEW
BALLAST UNIT	DSETU1802FMV3	←	

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SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

Specifications

Product type	LCD Projector	
Model	XV-C100U	
Video system	PAL/SECAM/NTSC 3.58/NTSC 4.43	
Display method	LCD panel × 1, RGB optical shutter method	
LCD panel	Panel size	1.32" (3.4 cm) (20.0 (H) × 26.8 (W) mm)
	Display method	Translucent TN liquid crystal panels
	Drive method	TFT (Thin Film Transistor) Active Matrix panels
	No. of dots	181,470 dots (230 (V) × 789 (H))
Lens	F2, f = 56.5 mm	
Projection lamp	155 W Metal halide	
Contrast ratio	100:1	
Video input signal	RCA Connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated RCA Connector: AUDIO, 470 mVrms, more than 22 kΩ (stereo)	
S-video input signal	4-pin mini DIN connector Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): burst 0.286 Vp-p, 75 Ω terminated	
Component video input signal	RCA Connector: Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated P _B (C _B) (chrominance signal): 0.7 Vp-p, 75 Ω terminated P _R (C _R) (chrominance signal): 0.7 Vp-p, 75 Ω terminated RCA Connector: AUDIO, 470 mVrms, more than 22 kΩ (stereo)	
Horizontal resolution	360 doubled TV lines (video input)	
Audio output	1 W (monaural)	
Speaker system	2.5" (6.5 cm) round	
Rated voltage	AC 110–120 V	
Input current	2.6 A	
Rated frequency	50/60 Hz	
Power consumption	200 W	
Standby consumption	4 W	
Operating temperature	41°F to 104°F (+5°C to +40°C)	
Storage temperature	−4°F to 140°F (−20°C to +60°C)	
Cabinet	Plastic	
Dimensions (W × D × H)	12.2" × 12.5" × 4.9" (310 × 317 × 125 mm) (main body only) 12.2" × 12.6" × 5.4" (310 × 319 × 136 mm) (including adjuster legs and projecting parts)	
Weight	8.6 lbs. (3.9 kg)	
Supplied accessories	Remote control unit, Two AAA batteries, Lens cap (installed), Air filter (installed), A/V cable	
Replacement parts	Remote control unit (RRMCG1540PESA), Air filter (PFILD0002PEZZ), A/V cable (QCNW-5123CEZZ)	

Our projector uses a single LCD (Liquid Crystal Display) panel. This very sophisticated panel contains total of 181,470 dots (RGB Trio 60,490 Pixels) TFTs (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and/or video cameras, there are certain acceptable tolerances that the equipment must conform to.
This unit has some inactive TFTs within acceptable tolerances, which may result in illuminated dots on the picture screen.
This will not affect the picture quality or the life expectancy of the unit.
If you have any questions about this matter, please call toll free 1-800-BE-SHARP (1-800-237-4277). U.S.A. ONLY

**Specifications are subject to change without notice.*

IMPORTANT SERVICE SAFETY NOTES

■ Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines as follows:

WARNING

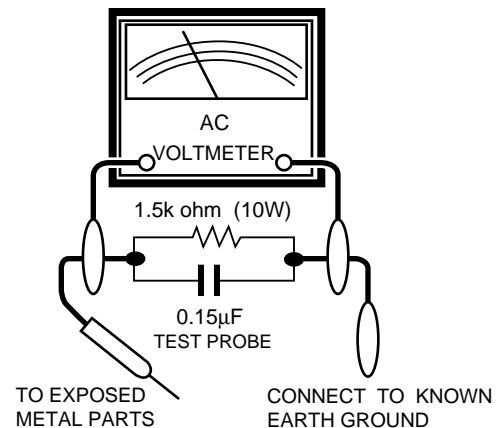
1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

BEFORE RETURNING THE PROJECTOR: (Fire & Shock Hazard)

Before returning the projector to the user, perform the following safety checks:

1. Inspect lead wires are not pinched between the chassis and other metal parts of the projector.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for current leakage in the following manner:
 - Plug the AC cord directly into a 120-volt AC outlet, (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in parallel between all exposed metal cabinet parts and earth ground.

- Use an AC voltmeter with sensitivity of 5000 ohm per volt., or higher, sensitivity to measure the AC voltage drop across the resistor (See Diagram).
- All checks must be repeated with the AC plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these checks.)
Any reading of 0.3 volts RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD Projector have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by “ Δ ” and shaded areas in the Replacement Parts Lists and Schematic Diagrams. For continued protection, replacement parts must be identical to those used in the original circuit. The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les projecteur à LCD présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc. Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque “ Δ ” et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques. Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies ou autres accidents.

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.

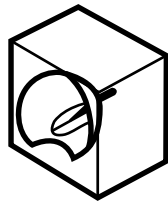
AVOID DIRECT EYE AND SKIN EXPOSURE.

To ensure safety please adhere to the following:

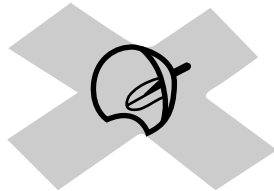
1. Be sure to wear sun-glasses when servicing the projector with the lamp turned "on" and the top enclosure removed.



2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

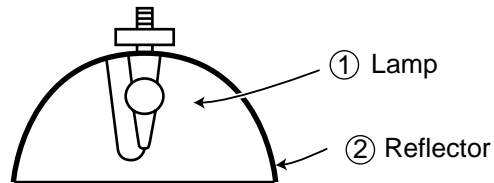
1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0053DE05 rated 65V/155W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

■ Lamp Replacement

Note:

Since the lamp reaches a 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 to cool off.) Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②.

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

NOTE POUR LE PERSONNEL D'ENTRETIEN

PRECAUTION POUR LES RADIATIONS UV

La source de lumière, la lampe métal halide, dans le projecteur LCD émet de petites quantités de radiation UV.

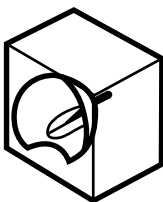
EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

Pour votre sécurité, nous vous prions de respecter les points suivants:

1. Toujours porter des lunettes de soleil lors d'un entretien du projecteur avec la lampe allumée et le haut du coffret retiré.



2. Ne pas faire fonctionner la lampe à l'extérieur du boîtier de lampe.



3. Ne pas faire fonctionner plus de 2 heures avec le coffret retiré.



Précautions pour les radiations UV et la lampe moyenne pression

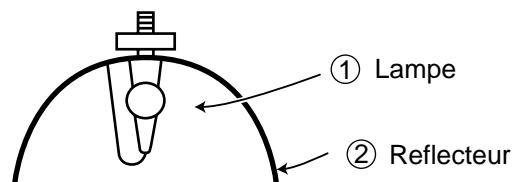
1. Toujours débrancher la fiche AC lors du remplacement de la lampe.
2. Laisser l'unité refroidir pendant une heure avant de procéder à l'entretien.
3. Ne remplacer qu'avec une lampe du même type. Type CLMPF0053DE05 caractéristique 65V/155W.
4. La lampe émet de petites quantités de radiation UV-éviter tout contact direct avec les yeux.
5. La lampe moyenne pression implique un risque d'explosion. Toujours suivre les instructions d'installation décrites ci-dessous et manipuler la lampe avec soin.

■ Remplacement de la lampe

Remarque:

Comme la lampe devient très chaude pendant le fonctionnement de l'unité, son remplacement ne doit être effectué au moins une heure après avoir coupé l'alimentation (pour permettre à la lampe de refroidir). En installant la nouvelle lampe, s'assurer de ne pas toucher la lampe (ampoule). Remplacer la lampe en tenant son réflecteur ②.



[N'utiliser qu'un remplacement d'origine.]



DANGER ! — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

WARNING: High brightness light source. Do not stare into the beam of light, or view directly. Be especially careful that children do not stare directly into the beam of light.

WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK. DO NOT OPEN.</p>	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE CABINET. NO USER-SERVICEABLE PARTS. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		

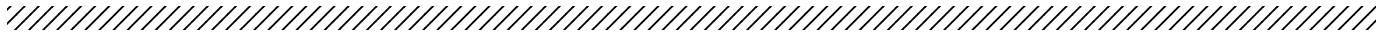


The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk or electric shock to persons.



The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: The bimetallic component has the primary conductive side exposed. Be very careful in handling this component when the power is on.



AVERTISSEMENT: Source lumineuse de grande intensité. Ne pas fixer le faisceau lumineux ou le regarder directement. Veiller particulièrement à éviter que les enfants ne fixent directement le faisceau lumineux.

AVERTISSEMENT: Afin d'éviter tout risque d'incendie ou d'électrocution, ne pas exposer cet appareil à la pluie ou à l'humidité.

	<p>ATTENTION</p> <p>RISQUE CHOC ELECTRIQUE— NE PAS OUVRIR.</p>	
<p>ATTENTION: POUR EVITER TOUT RISQUE D'ELECTROCUTION, NE PAS RETIRER LE CAPOT. AUCUNE DES PIECES INTERIEURES N'EST REPARABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN D'ENTRETIEN QUALIFIE.</p>		



L'éclair terminé d'une flèche à l'intérieur d'un triangle indique à l'utilisateur la présence à l'intérieur de l'appareil d'une «tension dangereuse» non isolée ayant une amplitude suffisante pour provoquer une électrocution.

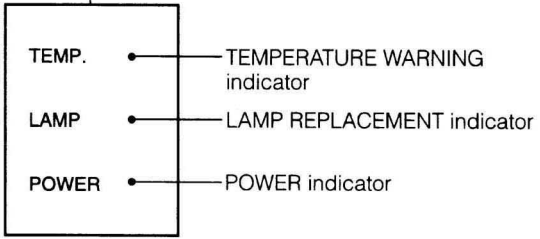
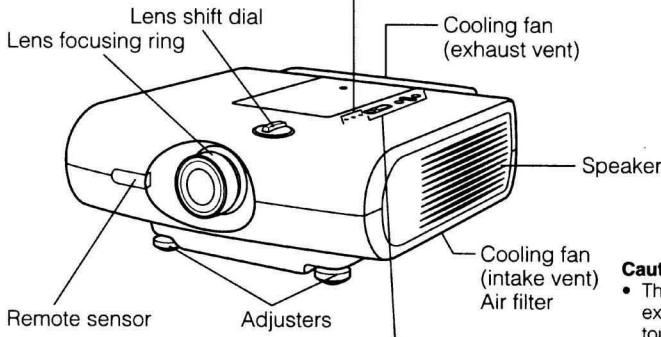


Le point d'exclamation à l'intérieur d'un triangle indique que des instructions de fonctionnement et d'entretien importantes sont détaillées dans les documents fournis avec l'appareil.

AVERTISSEMENT: La composante bimétallique dispose du conducteur primaire dénudé. Faire attention lors de la manipulation de cette composante sous tension.

Location of Controls

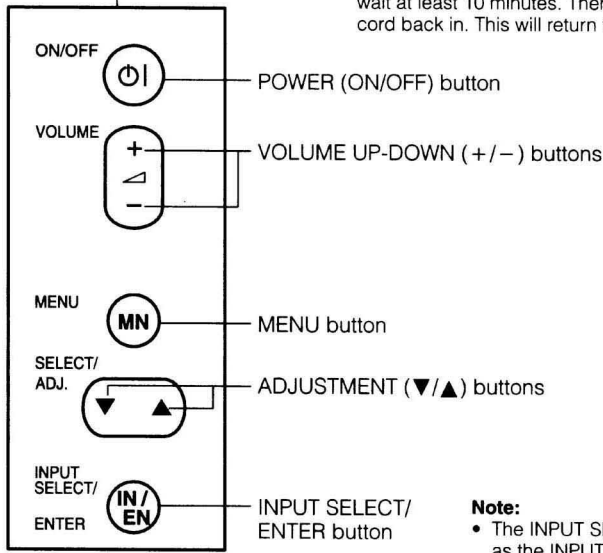
FRONT VIEW



Cautions:

- The exhaust vent, the lamp cage cover and adjacent areas may be extremely hot during projector operation. To prevent injury, do not touch these areas until they have sufficiently cooled.
- Allow at least 4 inches (10 cm) of space between the cooling fan (exhaust vent) and the wall.
- If the cooling fan becomes obstructed, a protection device will automatically turn off the projector lamp. This does not indicate a malfunction. Remove the projector plug from the wall socket and wait at least 10 minutes. Then turn on the power by plugging the cord back in. This will return the projector to its normal mode.

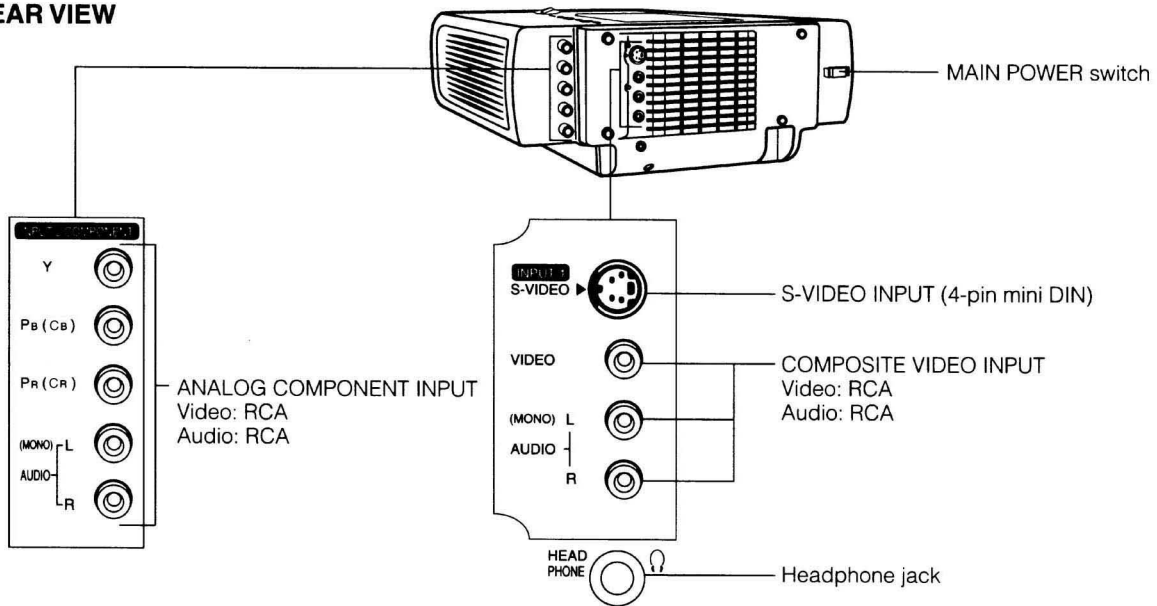
OPERATION PANEL ON TOP OF PROJECTOR



Note:

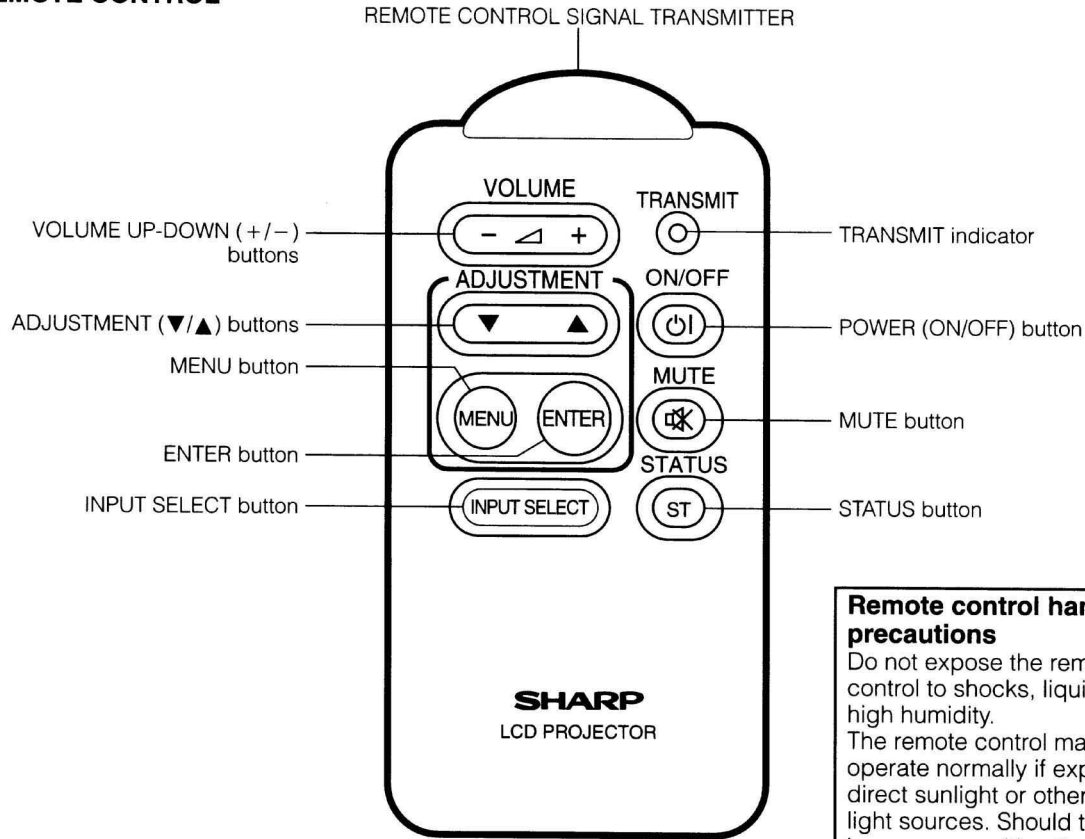
- The INPUT SELECT/ENTER button normally functions as the INPUT SELECT button. However, when "ENTER" appears on the screen for setting, the button functions as the ENTER button.

REAR VIEW



Remote Control Operation

REMOTE CONTROL

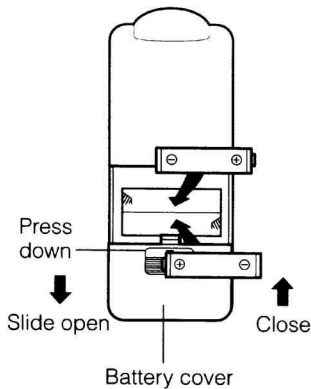


Remote control handling precautions

Do not expose the remote control to shocks, liquids or high humidity. The remote control may not operate normally if exposed to direct sunlight or other intense light sources. Should this happen, reposition the light source or the LCD Projector.

Inserting the batteries

Remove the battery cover as shown and insert two AAA size batteries making sure the polarity matches the (+) and (-) marks inside the battery compartment.

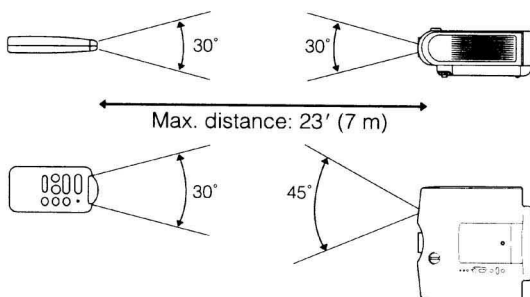


Notes:

- Incorrect use of batteries may cause them to leak or burst.
- Insert the batteries with the (+) and (-) polarities as indicated.
 - Remove the batteries if the remote control will not be operated for an extended period of time.
 - Maintain the batteries in clean condition.
 - Do not mix different brands of batteries. The life expectancy of the new batteries will be shortened and the old batteries may leak.
 - When the batteries have been used up, remove them immediately to prevent leakage and damage. Leaked battery fluid may irritate the skin. Remove any battery fluid by wiping with a cloth.
 - Due to storage conditions and the shelf life of the supplied batteries, they may run out after a short time. Replace them with new batteries as soon as possible.

Transmission range

Reception range



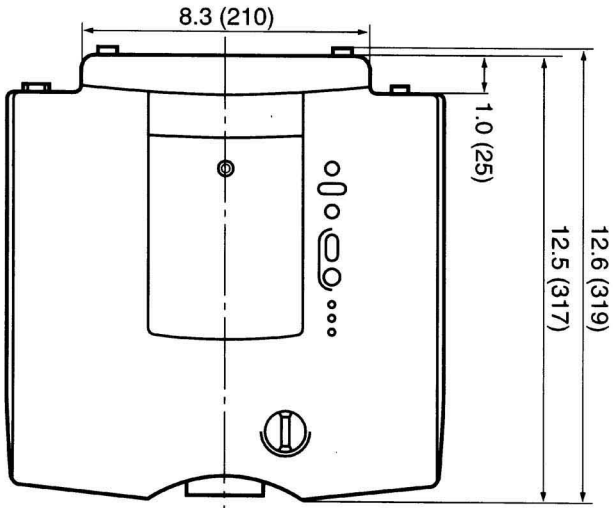
Remote control positioning

Use the remote control as shown in the figures on the left.

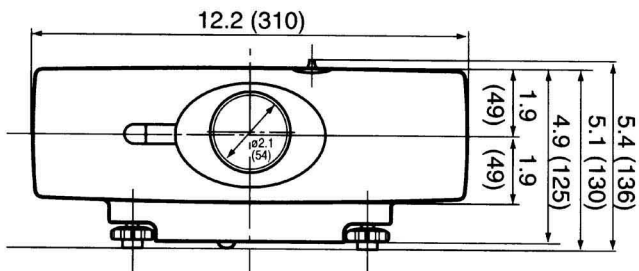
Note:

- The signal from the remote control can be reflected off the screen for easy operation. However, the effective distance of the signal may differ due to the screen material.

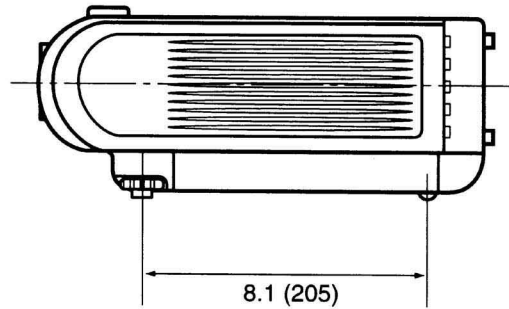
Dimensions



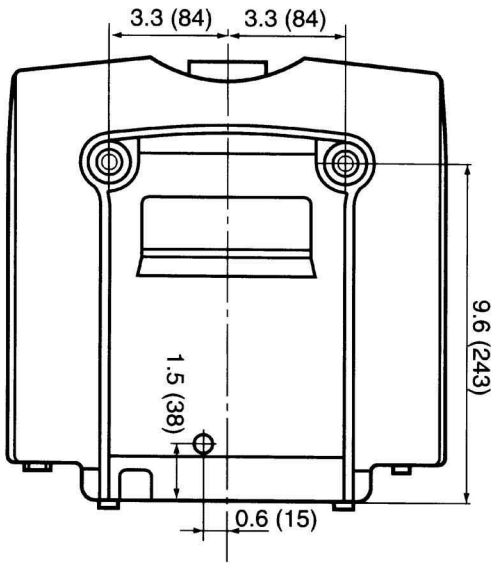
Top View



Front View



Side View



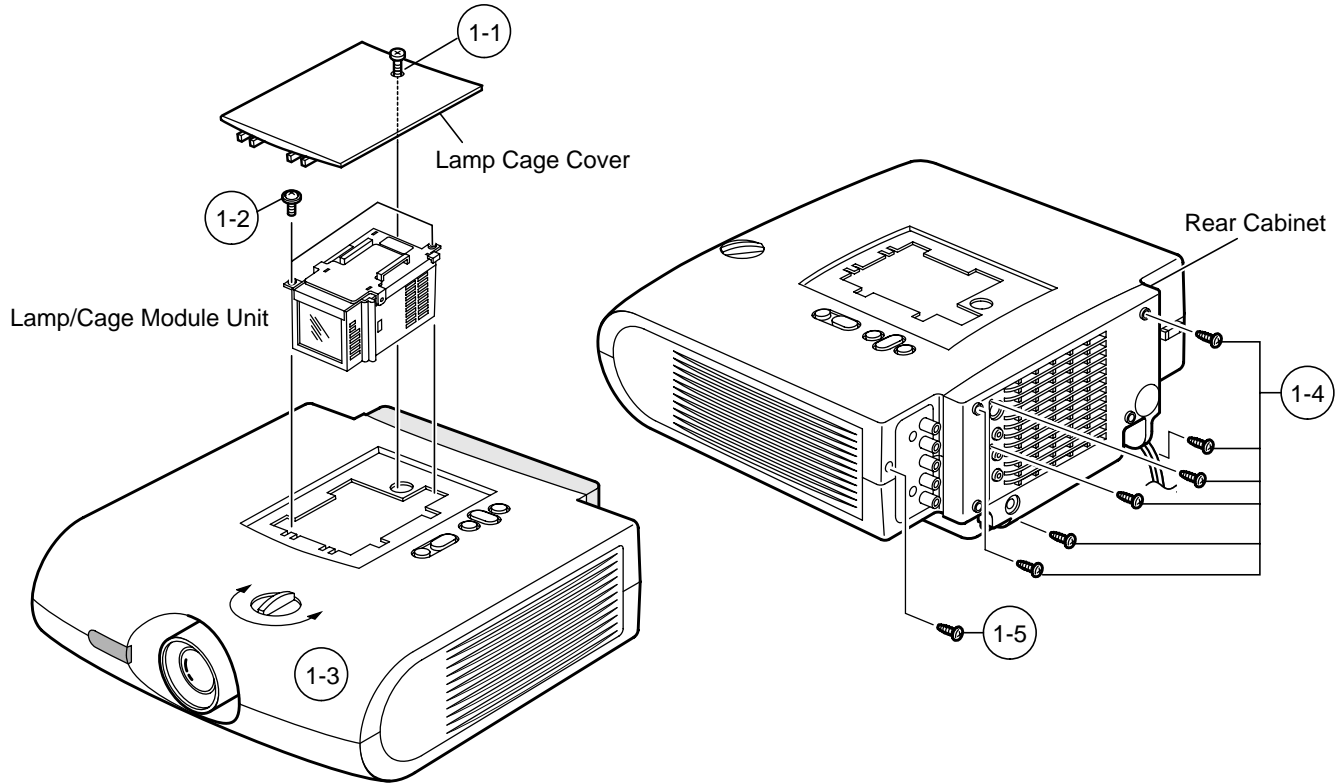
Bottom View

[Units: inches (mm)]

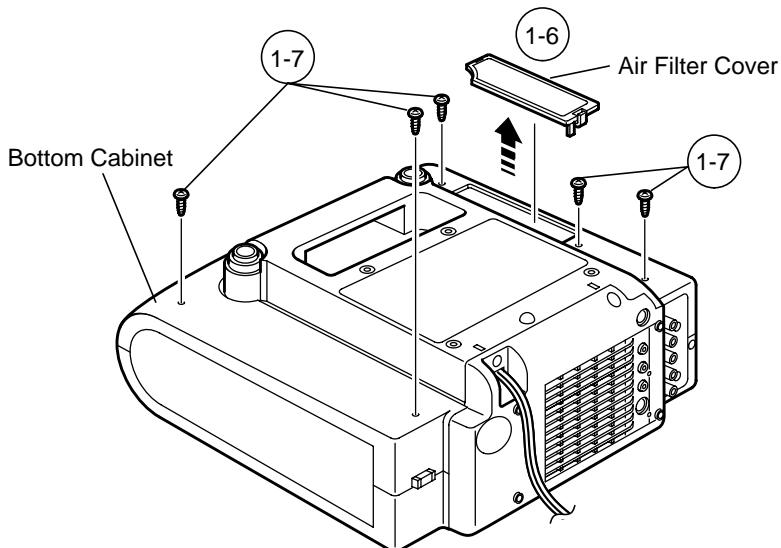
REMOVAL OF MAJOR COMPONENTS

1. Removing the cabinets

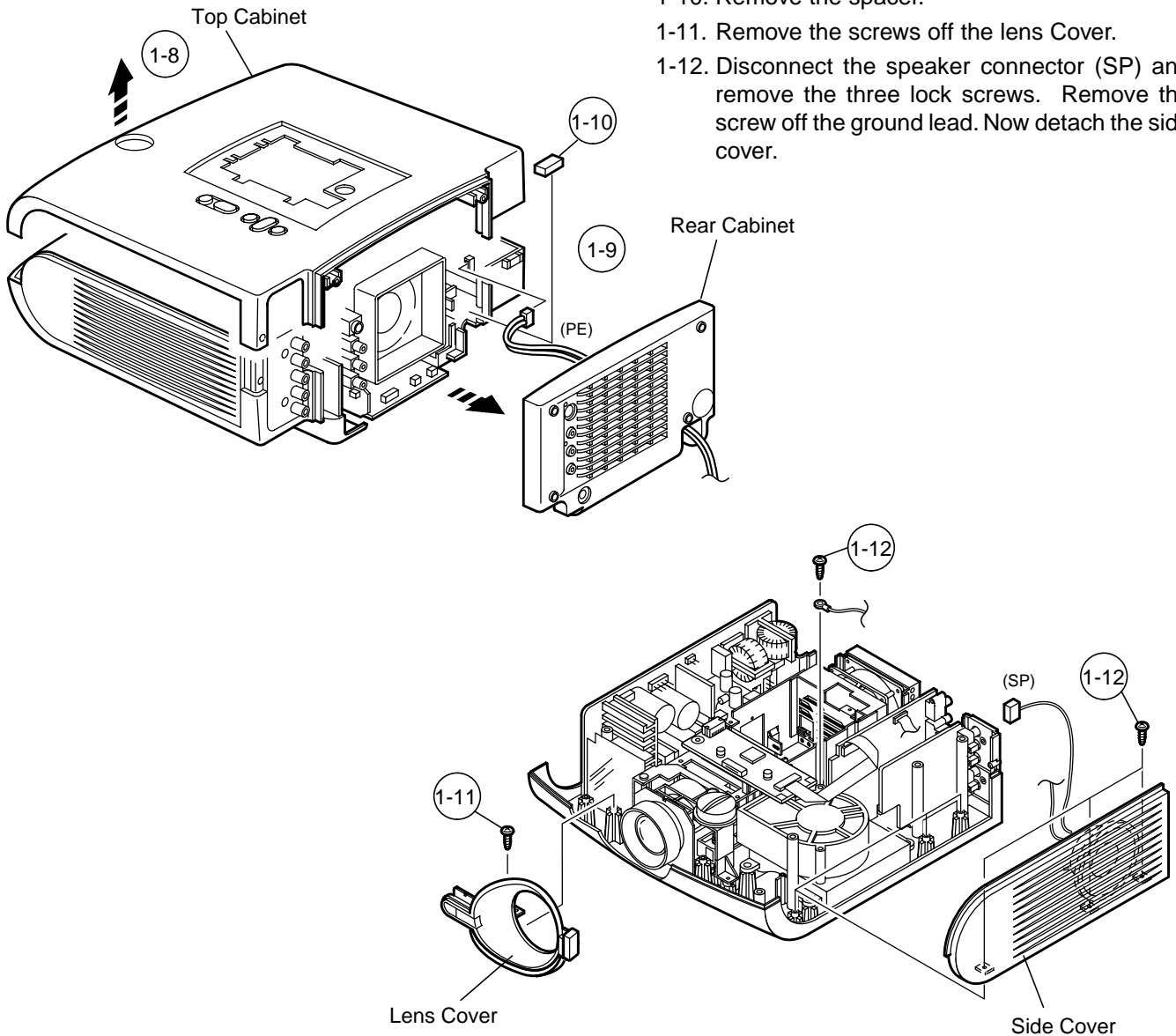
- 1-1. Remove the screw and detach the lamp cage cover.
- 1-2. Remove the two lock screws (two 4-mm screws) off the lamp/cage module unit.
- 1-3. Turn the lens shift dial until the lens comes to almost the center of the lens hole in the front cabinet.
- 1-4. Remove the six screws (six 3-mm tapping screws) off the rear cabinet.
- 1-5. Remove the M3 tapping screw off the sub unit cover.



- 1-6. Remove the air filter cover.
- 1-7. Remove the five tapping screws off the bottom cabinet.



- 1-8. Now lift the top cabinet further up and disconnect the leaf switch connectors (LL) as well as the operation key unit flat cable (KE). The top cabinet is now free.
- 1-9. Disconnect the connector (PE) of the AC cord (that runs through the rear cabinet) from the ballast unit. Detach the rear cabinet.
- 1-10. Remove the spacer.
- 1-11. Remove the screws off the lens Cover.
- 1-12. Disconnect the speaker connector (SP) and remove the three lock screws. Remove the screw off the ground lead. Now detach the side cover.



Reassembling procedure

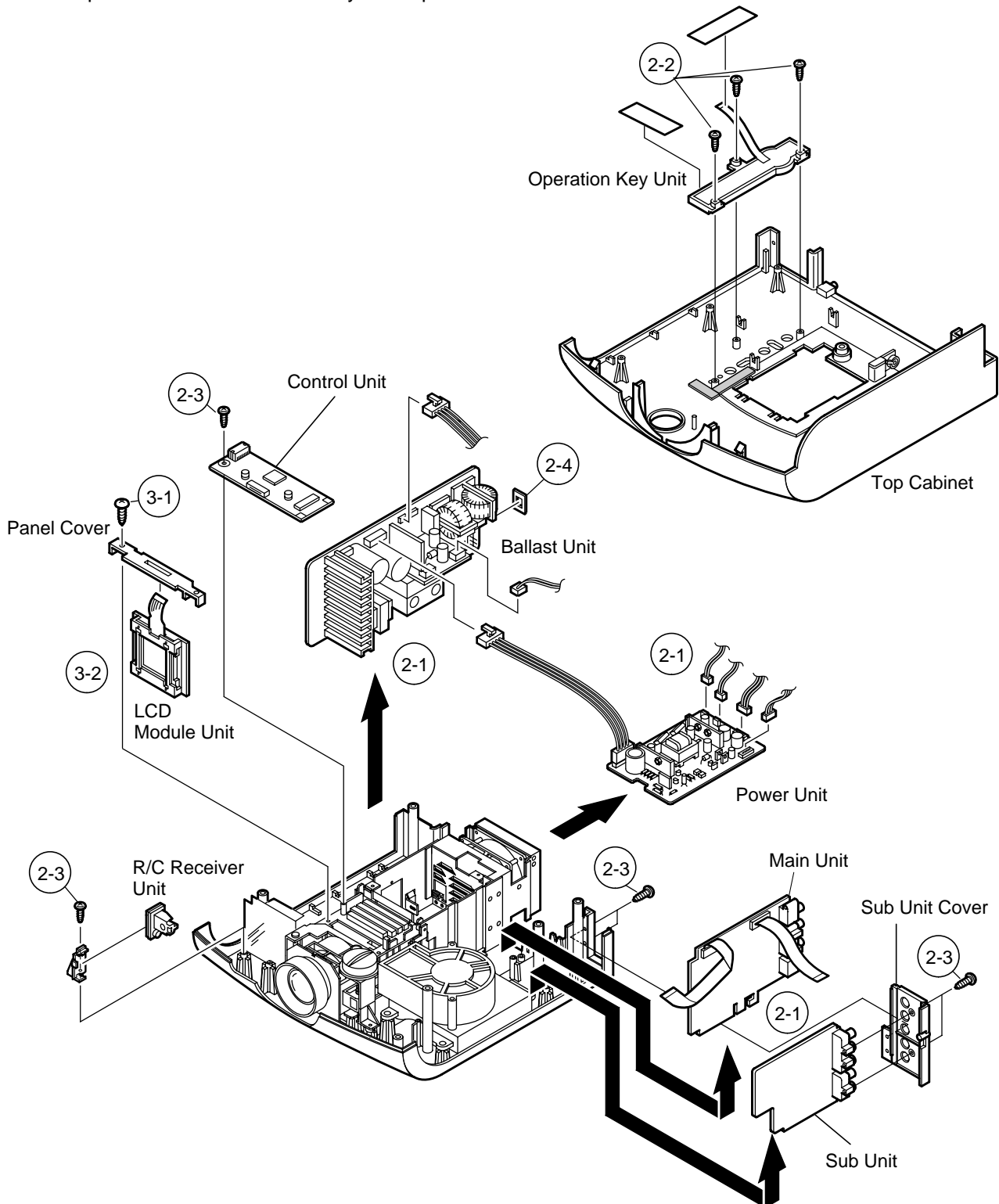
1. Fit the lens cover and the side cover to the bottom panel. Tighten up the related screws.
2. Set the top cabinet over the bottom cabinet.
3. Tighten up the M3 tapping screw into the sub unit cover.
4. Press the rear cabinet against the top and bottom cabinets to fit them together.
5. Tighten up the screws into the rear cabinet. Use the six 3-mm tapping screws.
6. Tighten up the tapping screws to fix the top and bottom cabinets.
7. Put the lamp/cage module unit into position. Tighten up the two 4-mm screws.
8. Place the lamp cage cover and tighten up the screws.

2. Removing the PWBs

- 2-1. Slide out the power unit, ballast unit, main unit in their directions of arrow.
- 2-2. Remove the three screws, peel off the two pieces of tape, and take out the operation key unit.
- 2-3. Remove the screws off the control unit and R/C Receiver unit and sub unit. Disconnect the connectors.
- 2-4. Remove the button cover.

3. Removing the LCD module unit

- 3-1. Remove the screw off the panel cover. Take out the panel cover.
- 3-2. Pull up the LCD module unit slowly out of position.

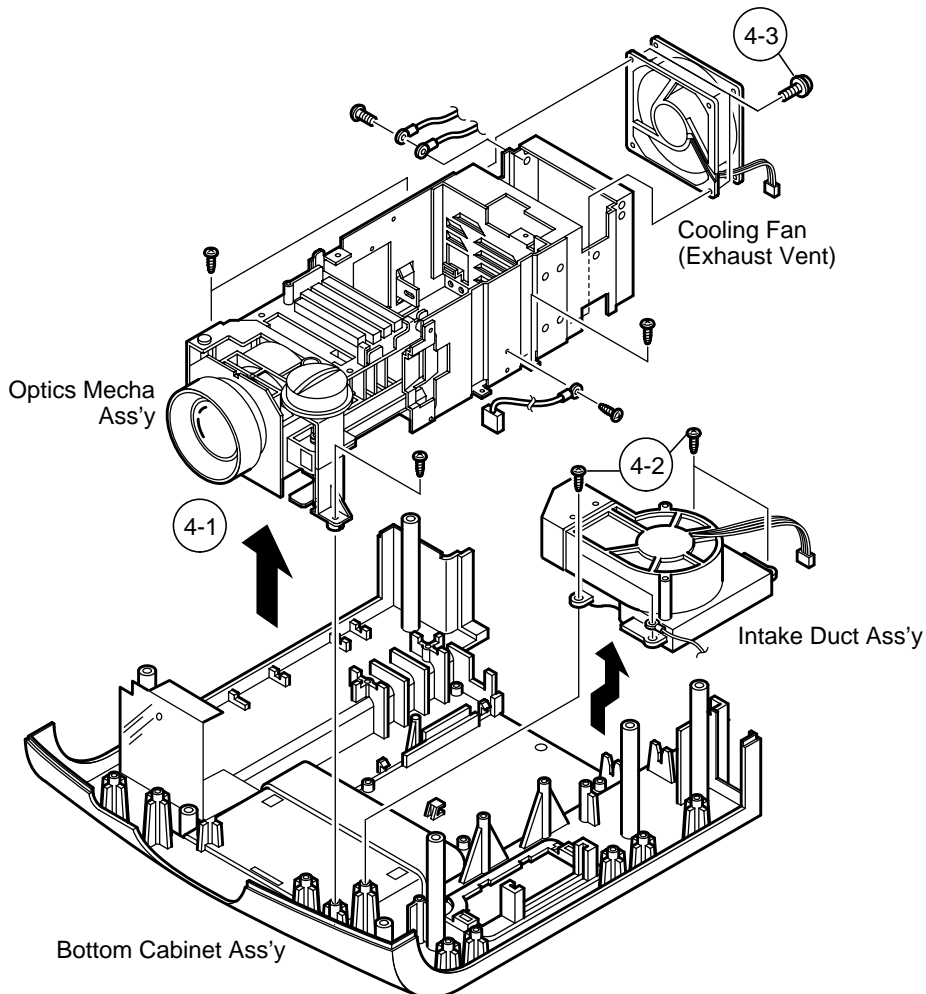
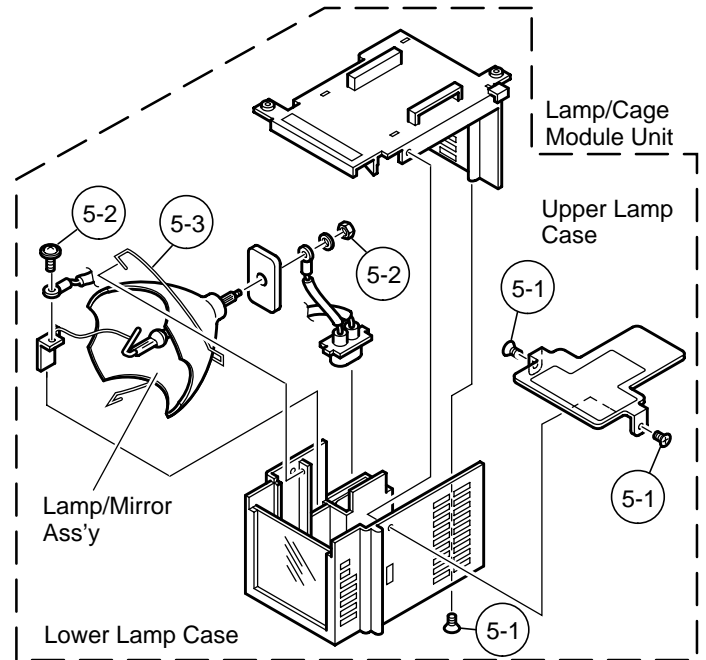


4. Removing the optics mechanism assembly

- 4-1. Remove the four screws off the optics mechanism assembly. Detach the assembly from the bottom cabinet.
- 4-2. Remove the four screws off the intake duct assembly. Detach the intake duct assembly from the bottom cabinet.
- 4-3. Remove the two screws off the cooling fan.

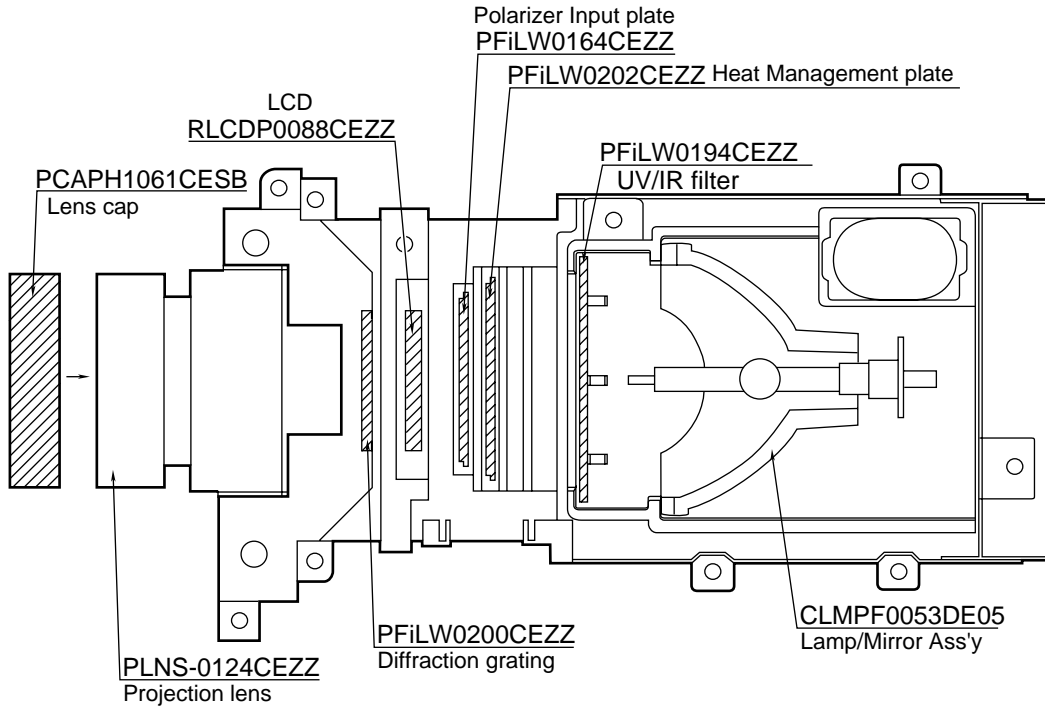
5. Removing the lamp

- 5-1. Remove the three countersunk lock screws off the upper and lower lamp cases.
- 5-2. Remove the lock screw and the nut off the lamp terminal.
- 5-3. Release the lamp lock spring off the hook below the lower lamp case. Take out the lamp/mirror assembly.



OPTICAL SYSTEM

Optical unit



■ Cleaning the lenses and reflectors

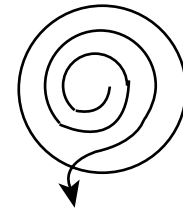
1. Lens cleaner

- Cleaning liquid:

Change the mixture ratio of alcohol and ether depending on ambient temperatures. Make sure that the liquid evaporates from the lens surface immediately after you rub it: This is the best ratio. The more ether is used, the quicker the liquid evaporates.

- Method:

Use well-washed bleached cotton cloth or cleaning paper available on the market. Damp the bleached cotton cloth with the liquid, and hold the lens sandwiched in the cloth with your thumb and the index finger. Turn the lens and wipe the surface clean from the center outward to collect dust. Be careful not to rub the coated surface too strong.



■ Controlling the total operating hours of the lamp

The following control is carried out when the lamp has been used for 1,900 hours and 2,000 hours.

1. After 1,900-hour use

When the power is turned on, "LAMP" appears in the on-screen display for about 1 minute (flashing in yellow) and the lamp LED indicator lights up in red.

When the 1,900-hour point comes up during use of the unit, the "LAMP" display starts flashing in yellow on the screen for 1 minute at the very 1,900-hour point.

Now the lamp LED indicator changes from green to red.

2. After 2,000-hour use

When the power is turned on, "LAMP" appears in the on-screen display for 5 minutes (flashing in red) and the lamp LED indicator lights up in red. Five minutes thereafter, the power turns itself off and the unit is interrupted.

When the 2,000-hour point comes up during use of the unit, the "LAMP" display starts flashing in red on the screen for 5 minutes at the very 2,000-hour point. Five minutes later, the power turns itself off and the unit is interrupted. (The lamp LED indicator stays red since the 1,900-hour point.)

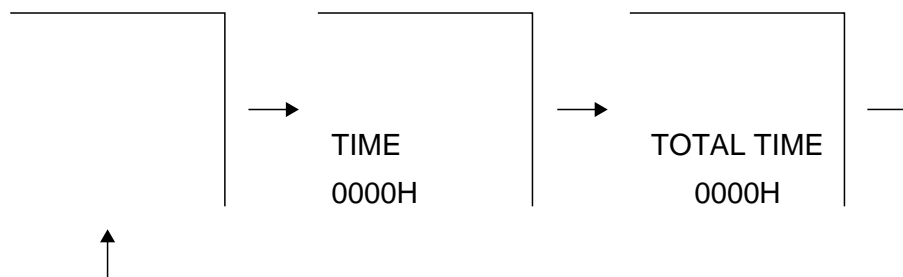
If you try to turn on the power twice after the 2,000-hour point, the unit remains off.

3. When the 2000-hour point comes up, take the following steps.

Replace the lamp with new one. While holding down both the "VOLUME ▼" and "SELECT/ADJ ▼" Keys on the unit, turn on the main power switch (located on the back of the unit). The lamp operating hourmeter is now reset to zero. Turn on the unit and make sure the time display shows "0000H".

4. Displaying the total operating hours of the lamp

Change the STATUS3 data settings: PICTURE at 0, BRIGHT at MAX, COLOR at MIN, TINT at MIN, and SHARPNESS at MAX. Hold down the SOUND DOWN and ENTER keys for longer than 2 seconds. By doing this, the total operating hours will be displayed on the screen.



ADJ IN (adjustment input) FUNCTION

1. Keys used for the adjustments

On the sub PWB: S2001

Control keys: [ENTER], [MENU], [SELECT/ADJ.▲], [SELECT/ADJ.▼], [VOLUME+]

2. Operation

Press S2001 to call up the ADJ IN mode.

Use the [SELECT/ADJ. ▲] and [SELECT/ADJ.▼] keys to select an adjustment group, and press the [ENTER] key.

Use the [SELECT/ADJ. ▲] and [SELECT/ADJ.▼] keys again to select an adjustment subject, and press the [ENTER] key.

The [SELECT/ADJ. ▲] and [SELECT/ADJ.▼] keys are also used to make adjustments.

Each time the [ENTER] key is pressed on the ADJ IN screen, the adjustment subjects of a group are changed one by one. (Pressing the [VOLUME +] key changes the subjects in the reverse order.)

When the [MENU] key is pressed, the previous group appears on the screen.

Press S2001 again to go out of the ADJ IN mode.

Group								
	VIDEO 1	VIDEO 2	VIDEO 3	VIDEO 4	SET	N • W	LINE	TEST
Adjustment subjects	H-CENT	SUB-BIAS	GAMMA1	C-CONT	HL	RED	AUTO	TIME1
	P-H-CENT	R-BIAS	GAMMA2	C-BRIGHT		GREEN	OFF TIMER	TIME2
	CONT	B-BIAS	AGCADJ	C-COLOR		BLUE	TEMP1	
	BRIGHT	R-DRIVE	T-BRT	C-TINT		N • W	TEMP2	
	SUB-R	B-DRIVE		C-H-CENT			FACTORY SET4	
	SUB-G	TINT		C-PH-CENT				
	SUB-B	COLOR						
		P-COLOR						
	S-COLOR							

The adjustment group "LINE" is not used here.

Do not feed the signal when the adjustment group "N • W" is used.

3. Adjustment subjects

VIDEO 1

H-CENT	NTSC horizontal position adjustment
P-H-CENT	PAL horizontal position adjustment
CONT	Sub-contrast adjustment
BRIGHT	Brightness adjustment
SUB-R	Not used, just to be 0 (zero)
SUB-G	Not used, just to be 0 (zero)
SUB-B	Not used, just to be 0 (zero)

VIDEO 2

SUB-BIAS	Sub-bias adjustment
R-BIAS	White balance (red), bias adjustment
B-BIAS	White balance (blue), bias adjustment
R-DRIVE	White balance (red), drive adjustment
B-DRIVE	White balance (blue), drive adjustment
TINT	TINT adjustment
COLOR	Color level adjustment
P-COLOR	PAL color level adjustment
S-COLOR	SECAM color level adjustment

VIDEO 3

GAMMA1	Gamma correction 1
GAMMA2	Gamma correction 2
AGC ADJ	AGC adjustment
T-BRT	Chroma IC brightness adjustment

VIDEO 4

C-CONT	Component input contrast adjustment
C-BRIGHT	Component input brightness adjustment
C-COLOR	Component input color level adjustment
C-TINT	Component input tint adjustment
C-H-CENT	Component input NTSC horizontal position adjustment
C-PH-CENT	Component input PAL horizontal position adjustment

SET

HL	Temperature detection level setting
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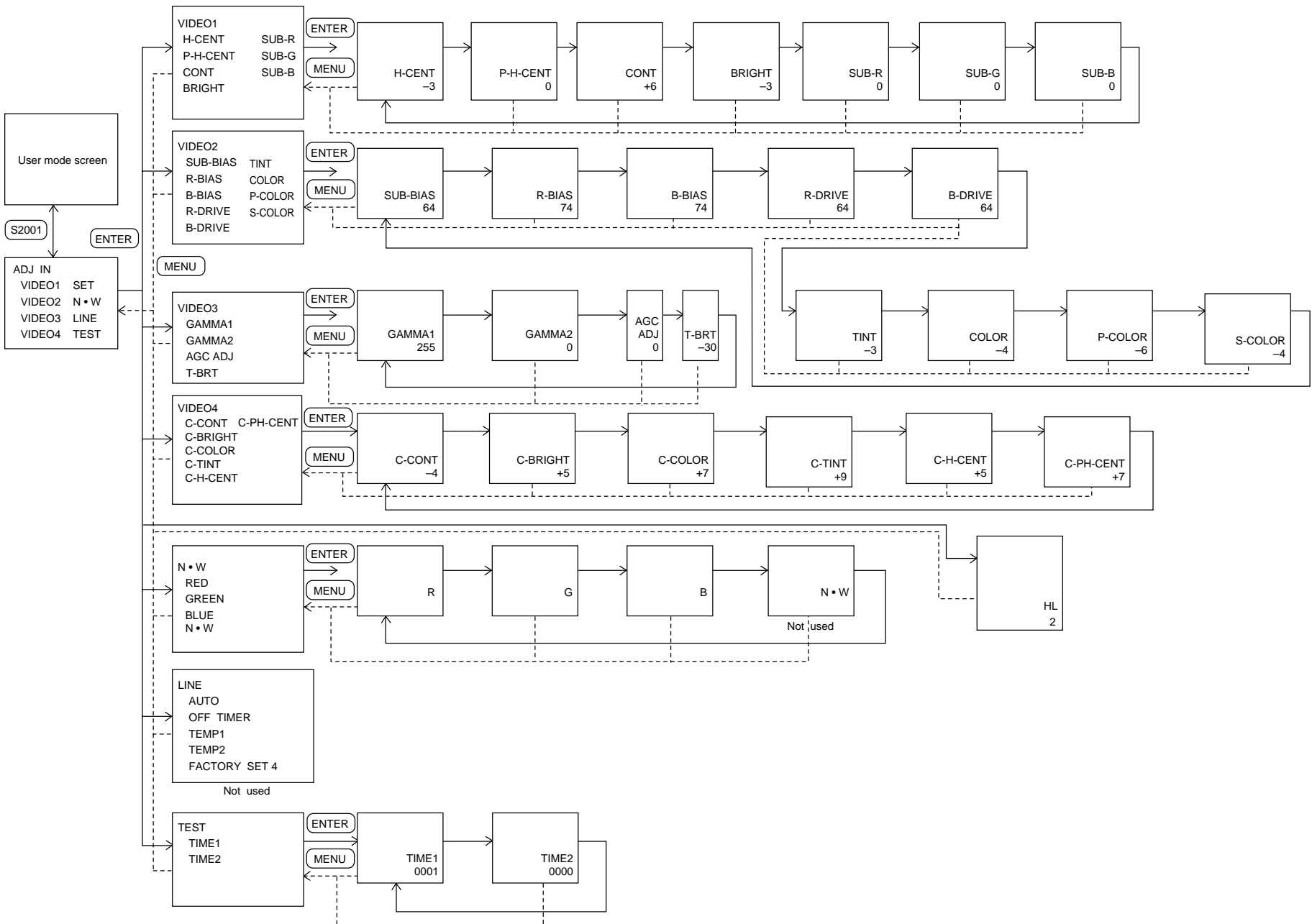
N • W (Single-color display)

RED	Red
GREEN	Green
BLUE	Blue
N • W	Not used

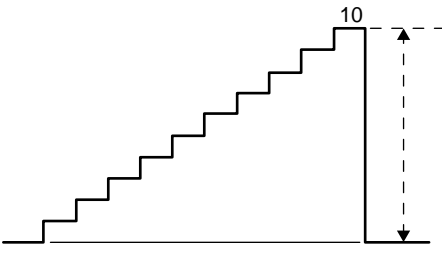
TEST

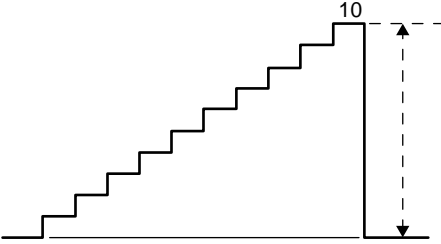
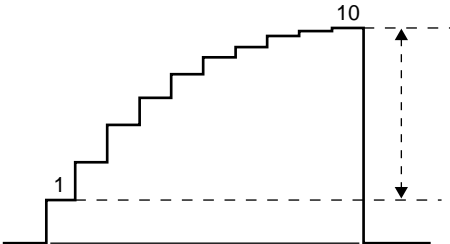
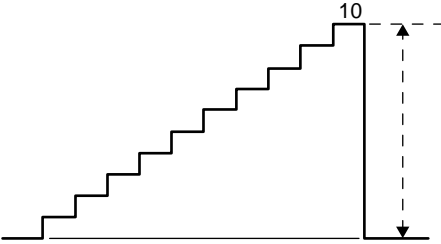
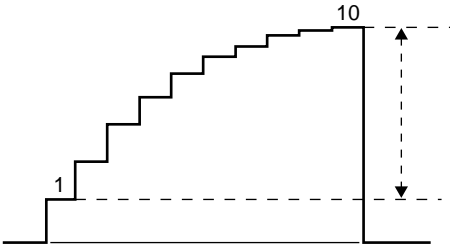
TIME1	1-hour increment setting for total lamp timer
TIME2	1899H-1999H-0H-1899H setting for total lamp timer

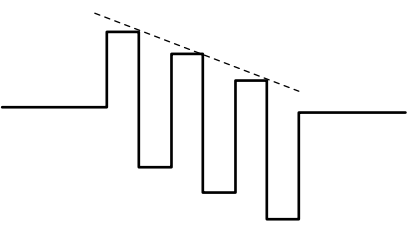
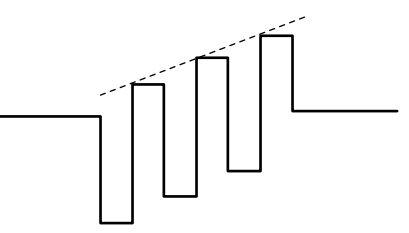
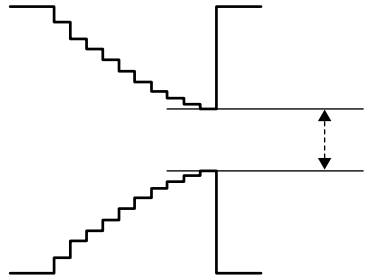
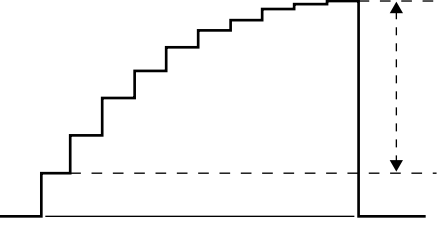
FLOWCHART OF ADJUSTMENT

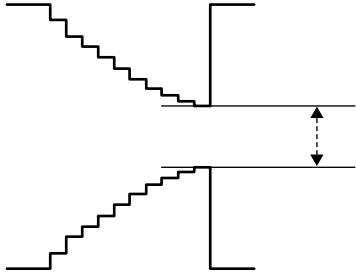
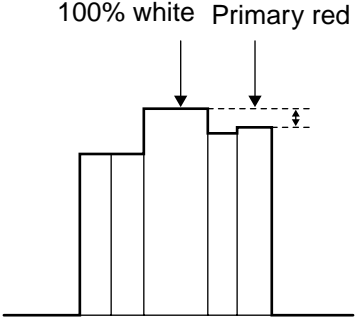
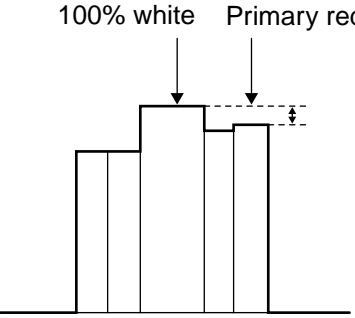


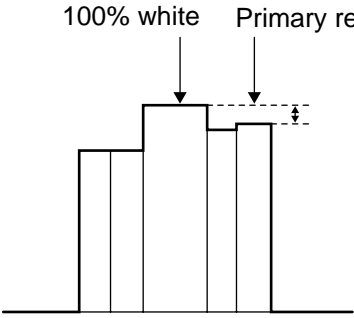
ELECTRICAL ADJUSTMENT

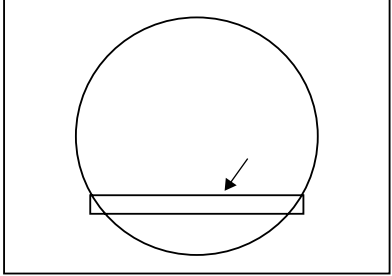
No.	Adjustment Item	Adjustment Conditions	Adjustment Procedure
1	NTSC free-running frequency (R1616)	1. Receive the NTSC monoscope pattern signal. 2. Hold down S801.	<ul style="list-style-type: none"> Turn R1616 until the image appears as specified.
2	PAL free-running frequency (R1602)	1. Receive the PAL monoscope pattern signal. 2. Hold down S801.	<ul style="list-style-type: none"> Turn R1602 until the image appears as specified.
3	Horizontal center (NTSC) (DAC)	1. Receive the NTSC monoscope pattern signal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 1 Subject: H-CENT	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, make the overscan just the same at right and left. Overscan: 91-97%
4	Horizontal center (PAL) (DAC)	1. Receive the PAL monoscope pattern signal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 1 Subject: P-H-CENT	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, make the overscan just the same at right and left. Overscan: 91-97%
5	Contrast (DAC) (gamma correction off)	1. Receive the NTSC 10-step pattern signal. 2. Connect a dual-beam oscilloscope between pin (2) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: SUB-BIAS 4. Using the ▲ and ▼ keys, put the waveform to its proper shape. 5. Press S2001 again to call up the ADJ IN mode and select the following subject. Group: VIDEO 1 Subject: SUB-R, SUB-G, SUB-B Make sure all these subjects have an entry of 0 (zero). 6. Adjust R861 to get the highest gain. 7. Finally select the following subject. Group: VIDEO 1 Subject: CONT	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the difference between the tenth-step level and the pedestal level to 6.0 ± 0.15 Vp-p. 

No.	Adjustment Item	Adjustment Conditions	Adjustment Procedure
6	Automatic gain control: R861 (gamma correction off)	<ol style="list-style-type: none"> 1. Receive the NTSC 10-step pattern signal. 2. Connect the dual-beam oscilloscope between pin (2) of P1401 and GND. 3. Select the following subject. Group: VIDEO 1 Subject: CONT 	<ul style="list-style-type: none"> • Turn R861 so that the difference between the tenth-step level and the pedestal level be 4.8 ± 0.05 Vp-p. 
7	Brightness (DAC) (gamma correction on)	<ol style="list-style-type: none"> 1. Receive the NTSC 10-step pattern signal. 2. Connect the dual-beam oscilloscope between pin (2) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 1 Subject: BRIGHT 	<ul style="list-style-type: none"> • Using the ▲ and ▼ keys, adjust the difference between the first-step level and the tenth-step level to 2.0 ± 0.05 Vp-p. 
8	Component contrast (DAC) (gamma correction off)	<ol style="list-style-type: none"> 1. Feed the NTSC 10-step pattern signal to the component terminal. 2. Connect the dual-beam oscilloscope between pin (2) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 4 Subject: C-CONT 	<ul style="list-style-type: none"> • Using the ▲ and ▼ keys, adjust the difference between the tenth-step level and the pedestal level be 4.8 ± 0.05 Vp-p. 
9	Component brightness (DAC) (gamma correction on)	<ol style="list-style-type: none"> 1. Feed the NTSC 10-step pattern signal to the component terminal. 2. Connect the dual-beam oscilloscope between pin (2) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 4 Subject: C-BRIGHT 	<ul style="list-style-type: none"> • Using the ▲ and ▼ keys, adjust the difference between the first-step level and the tenth-step level to 2.0 ± 0.05 Vp-p. 

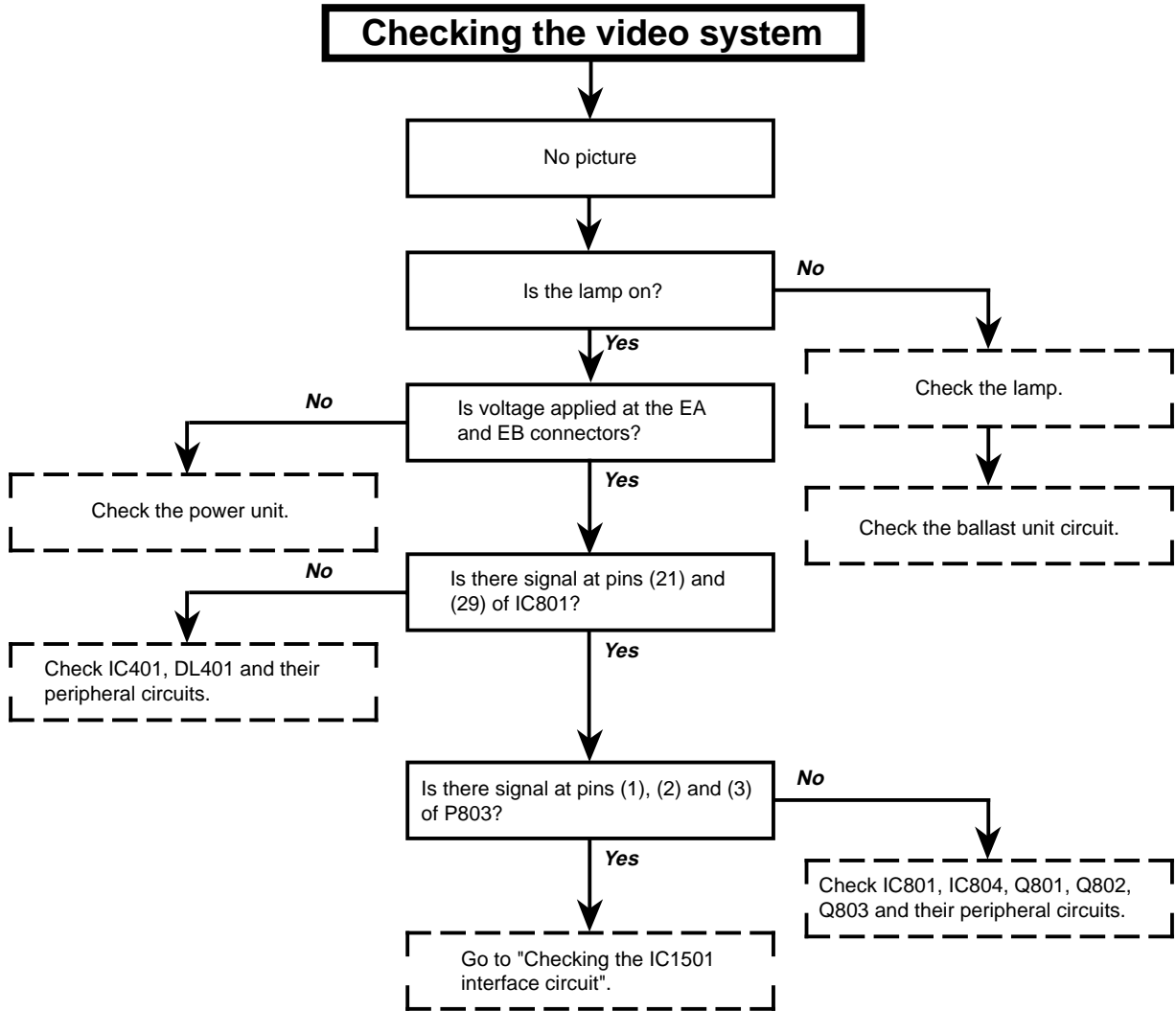
No.	Adjustment Item	Adjustment Conditions	Adjustment Procedure
10	Tint (DAC)	<ol style="list-style-type: none"> 1. Receive the NTSC half-color bar signal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: TINT 3. Connect the dual-beam oscilloscope between pin (5) of P803 and GND. 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the (B-Y) signal waveform to slope down straight. 
11	Component tint (DAC)	<ol style="list-style-type: none"> 1. Feed the NTSC half-color bar signal to the component terminal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 4 Subject: C-TINT 3. Connect the dual-beam oscilloscope between pin (3) of P803 and GND. 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the (B-Y) signal waveform to slope down straight. 
12	Sub-bias (DAC) (gamma correction on)	<ol style="list-style-type: none"> 1. Receive the NTSC 10-step pattern signal. 2. Connect the dual-beam oscilloscope between pin (2) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: SUB-BIAS 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the difference between the white levels to 3.0 ± 0.05 Vp-p. 
13	R-drive B-drive	<ol style="list-style-type: none"> 1. Receive the NTSC 10-step pattern signal. 2. Connect the dual-beam oscilloscope between pin (3)(R) (or pin (1)(B)) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: R-DRIVE, B-DRIVE 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the difference between the first-step level and the tenth-step level to 2.0 ± 0.05 Vp-p. 

No.	Adjustment Item	Adjustment Conditions	Adjustment Procedure
14	R-bias B-bias	<ol style="list-style-type: none"> 1. Receive the NTSC 10-step pattern signal. 2. Connect the dual-beam oscilloscope between pin (3)(R) (or pin (1)(B)) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: R-BIAS, B-BIAS 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the difference between the white levels to 3.0 ± 0.05 Vp-p. 
15	NTSC color (DAC) (gamma correction on)	<ol style="list-style-type: none"> 1. Receive the NTSC half-color bar signal. 2. Connect the dual-beam oscilloscope between pin (3) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: COLOR 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the difference between the 100% white level and the primary red level to 0 ± 0.05 Vp-p. 
16	PAL color (DAC) (gamma correction on)	<ol style="list-style-type: none"> 1. Receive the PAL half-color bar signal. 2. Connect the dual-beam oscilloscope between pin (3) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: P-COLOR 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the difference between the 100% white level and the primary red level to 0.10 ± 0.05 Vp-p. 

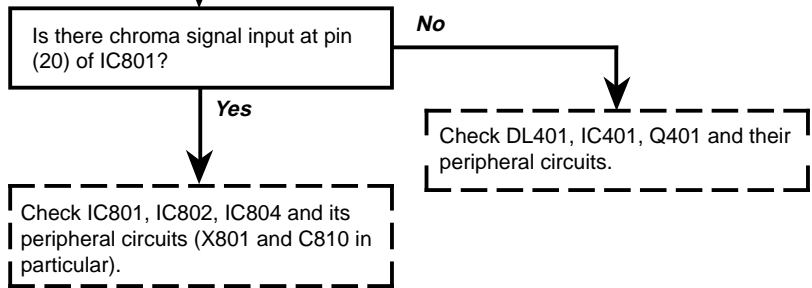
No.	Adjustment Item	Adjustment Conditions	Adjustment Procedure
17	SECAM color (DAC) (gamma correction on)	<ol style="list-style-type: none"> 1. Receive the SECAM half-color bar signal. 2. Connect the dual-beam oscilloscope between pin (3) of P1401 and GND. 3. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: S-COLOR 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, adjust the difference between the 100% white level and the red level to 0.10 ± 0.05 Vp-p. 
18	Component color (DAC)	<ol style="list-style-type: none"> 1. Feed the NTSC half-color bar signal to the component terminal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 4 Subject: C-COLOR 	<ul style="list-style-type: none"> Make sure that the setting is 12.
19	Counter-bias (R1402)	<ol style="list-style-type: none"> 1. Receive the NTSC monoscope pattern signal. 	<ul style="list-style-type: none"> Turn R1402 until the best contrast is achieved.
20	White balance (DAC)	<ol style="list-style-type: none"> 1. Receive the NTSC monoscope pattern signal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 2 Subject: R-BIAS, B-BIAS 	<ul style="list-style-type: none"> Using the ▲ and ▼ keys, visually adjust the white balance to best position.

No.	Adjustment Item	Adjustment Conditions	Adjustment Procedure
21	On-screen display position check (L2003)	<ol style="list-style-type: none"> 1. Receive the NTSC monoscope pattern signal. 2. Press the SOUND UP/DOWN keys to get the sound volume display bar on the screen. 	<ul style="list-style-type: none"> • Turn L2003 so that the display bar be well centered on the screen. 
22	Temperature sensor setting check	<ol style="list-style-type: none"> 1. Press S2001 to call up the ADJ IN mode and select the following group. Group: SET Subject: HL 	<ul style="list-style-type: none"> • Make sure that the setting is 2.
23	Component horizontal center (NTSC) (DAC)	<ol style="list-style-type: none"> 1. Receive the NTSC monoscope pattern signal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 4 Subject: C-H-CENT 	<ul style="list-style-type: none"> • Using the ▲ and ▼ keys, make the overscan just the same at right and left. Overscan: 91-97%
24	Component horizontal center (PAL) (DAC)	<ol style="list-style-type: none"> 1. Receive the PAL monoscope pattern signal. 2. Press S2001 to call up the ADJ IN mode and select the following subject. Group: VIDEO 4 Subject: C-PH-CENT 	<ul style="list-style-type: none"> • Using the ▲ and ▼ keys, make the overscan just the same at right and left. Overscan: 91-97%

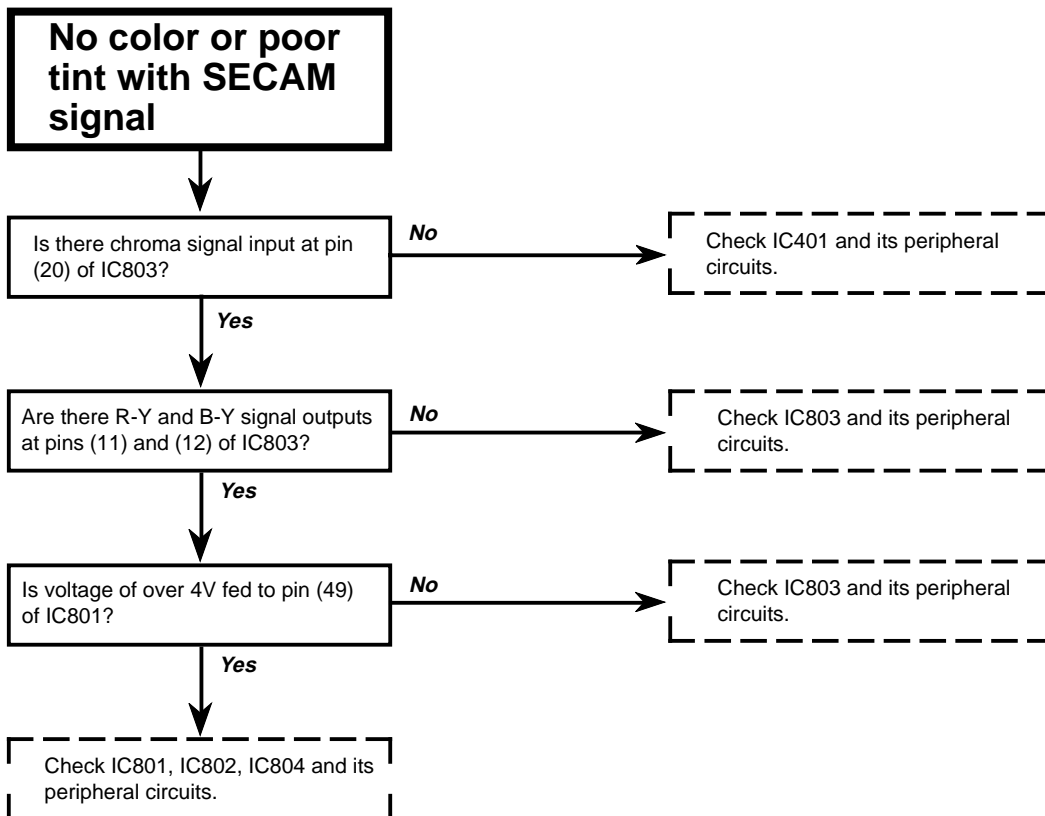
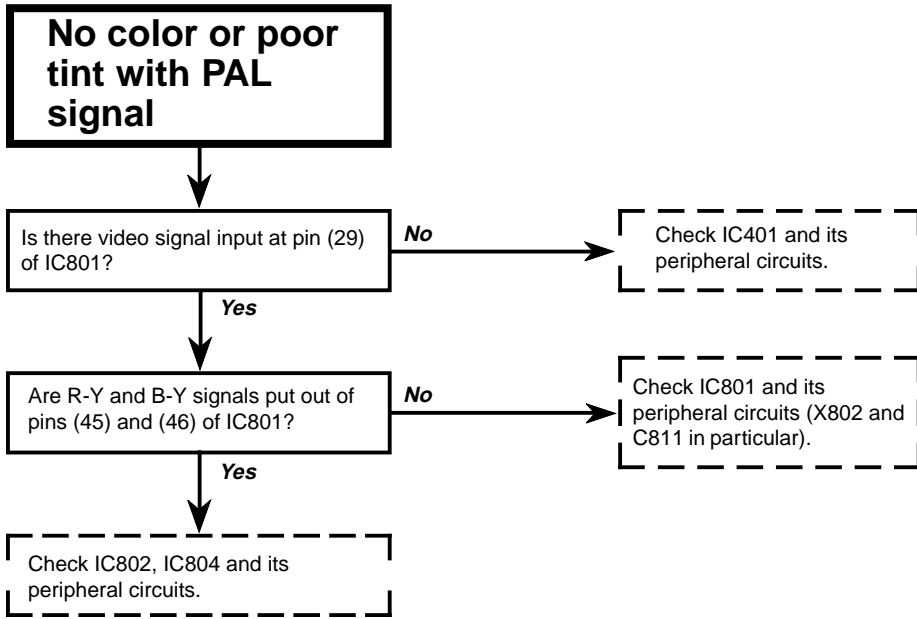
TROUBLE SHOOTING TABLE



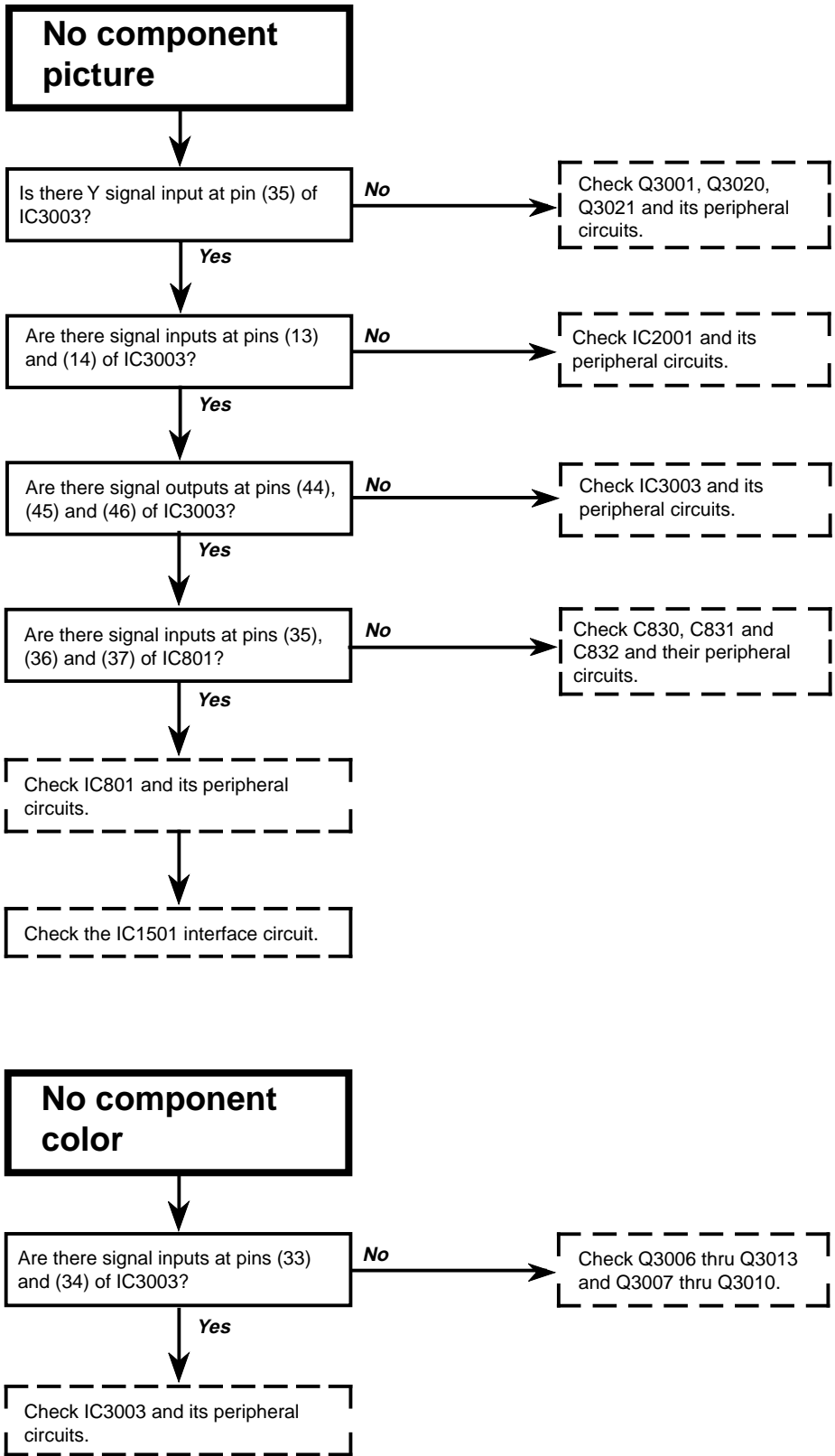
No color or poor tint with NTSC signal



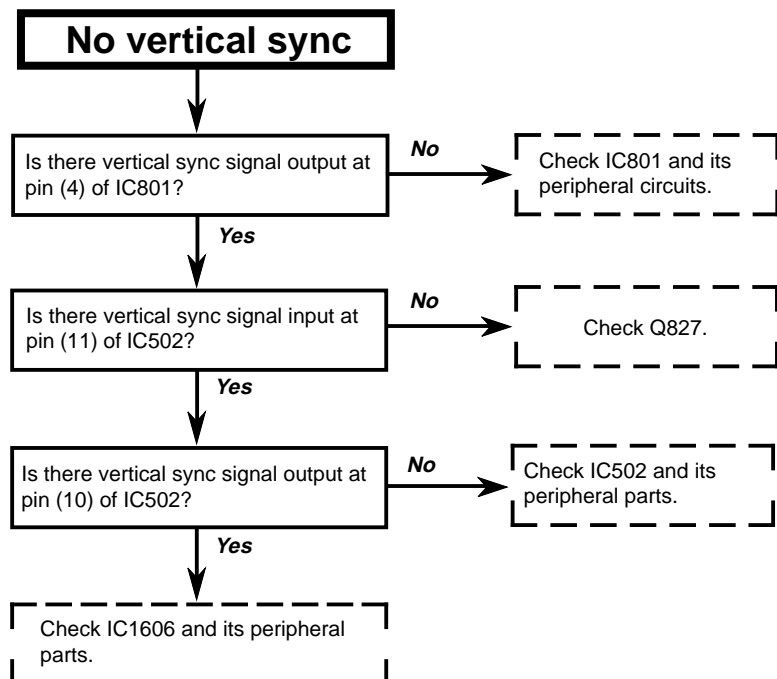
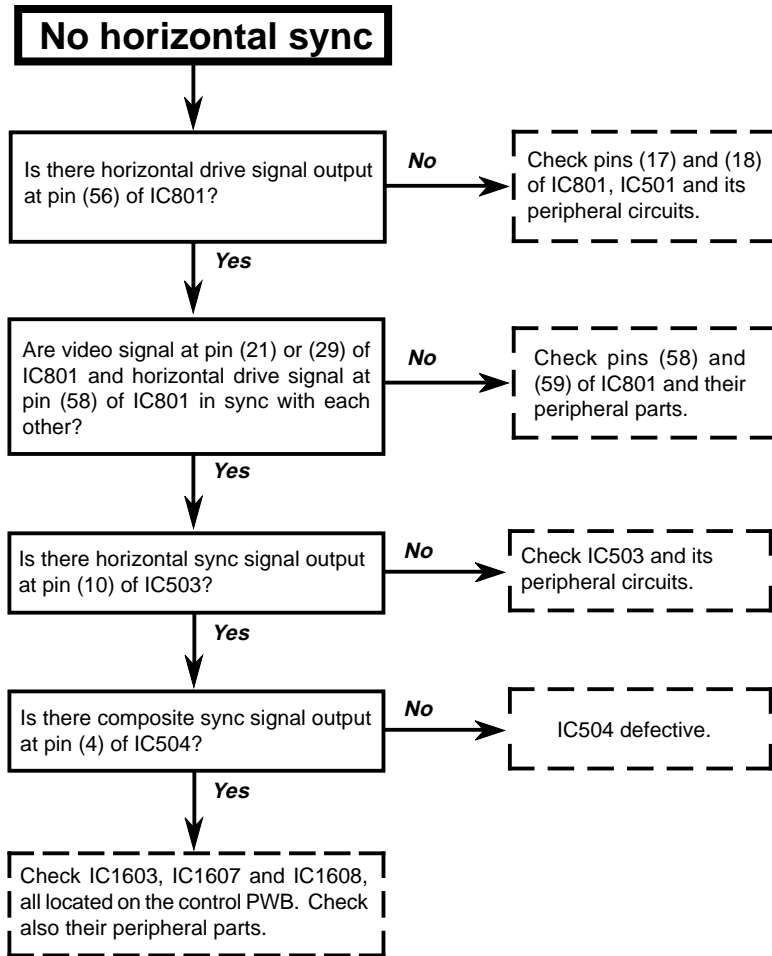
TROUBLE SHOOTING TABLE (Continued)



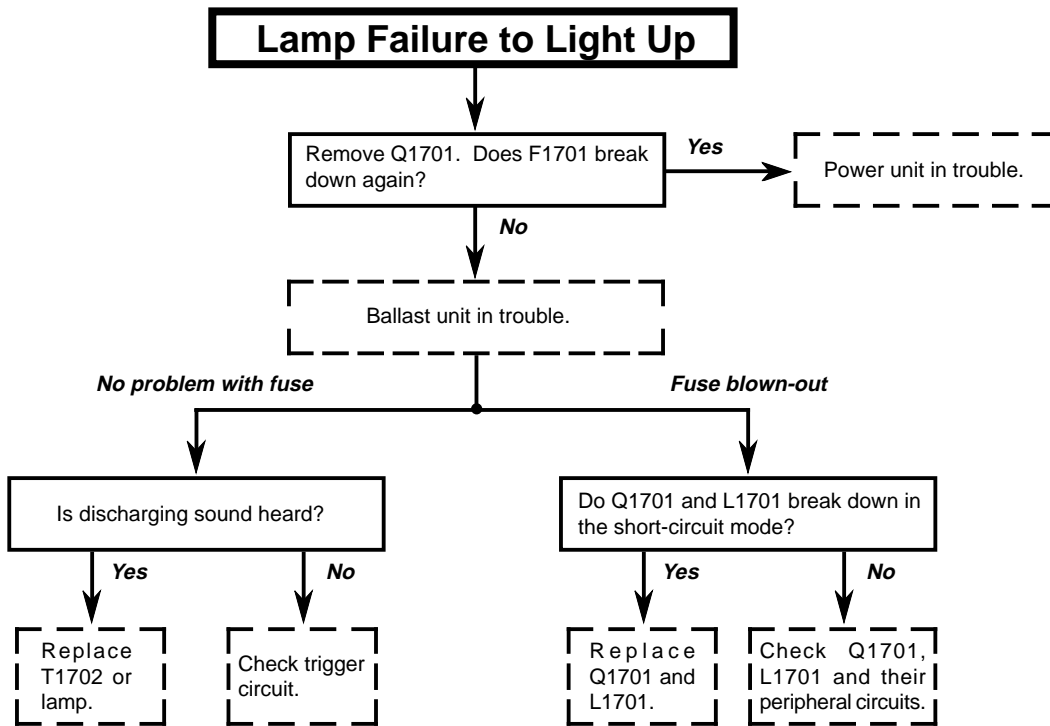
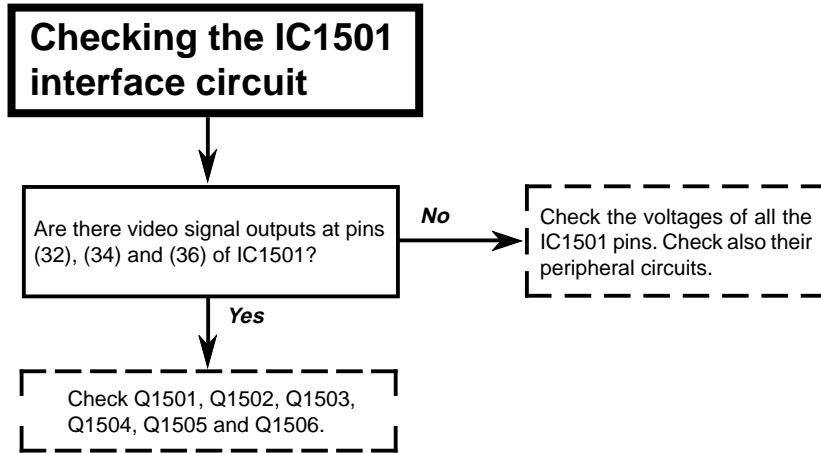
TROUBLE SHOOTING TABLE (Continued)



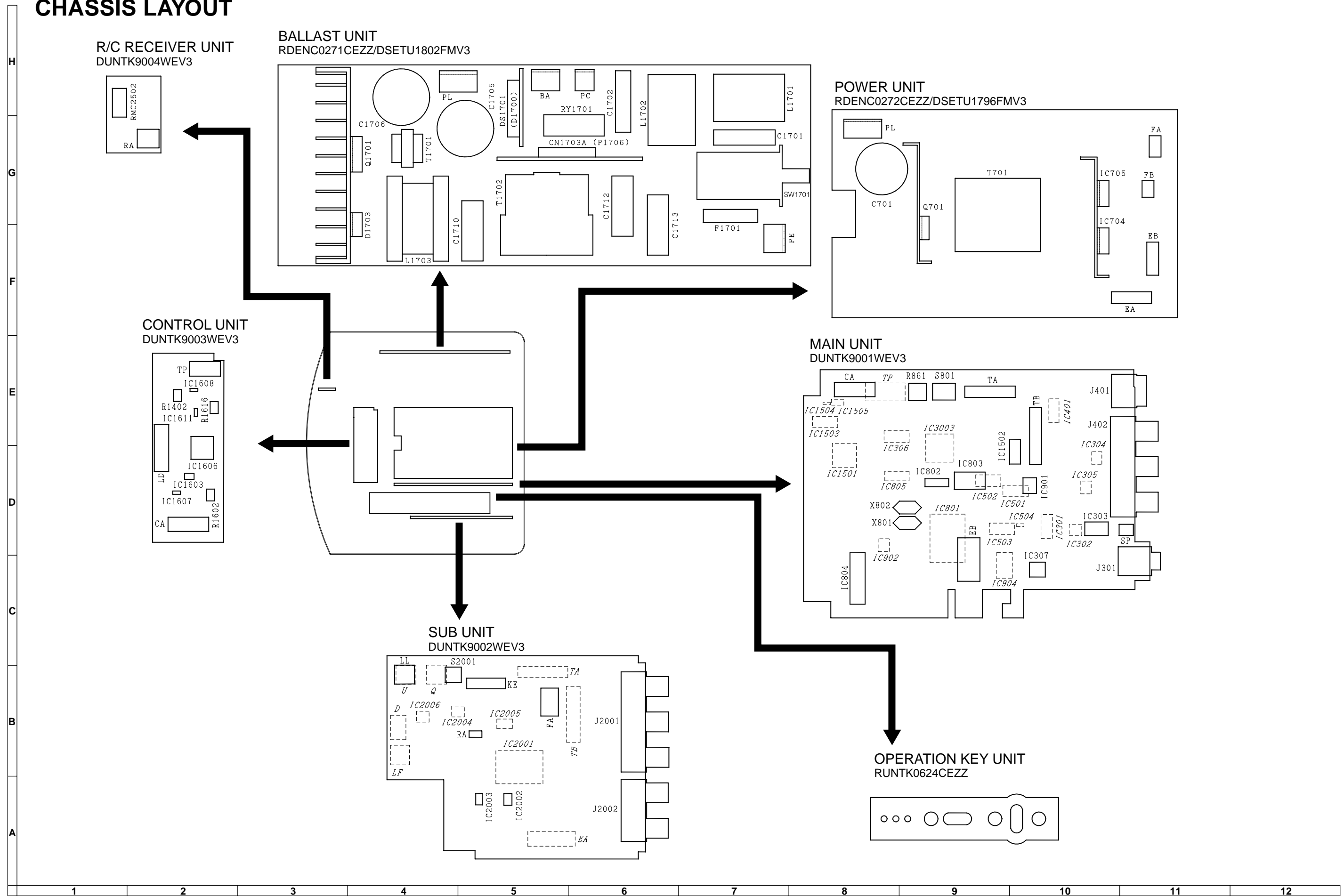
TROUBLE SHOOTING TABLE (Continued)



TROUBLE SHOOTING TABLE (Continued)



CHASSIS LAYOUT



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDI-TION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
(K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
(J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/16W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

⊙: Solid	Ⓜ: Cement
Ⓢ: Oxide Film	Ⓣ: Special
Ⓝ: Metal Coating	

CAPACITOR

1. All capacitors are μF, unless otherwise noted.
(P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.

(ML): Mylar	(TA): Tantalum
(PF): Polypro Film	(ST): Styrol


CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

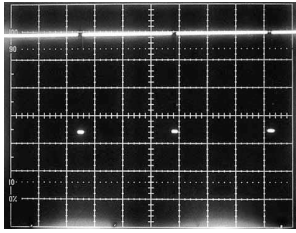
SAFETY NOTES:

1. **DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.**
2. **SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.**

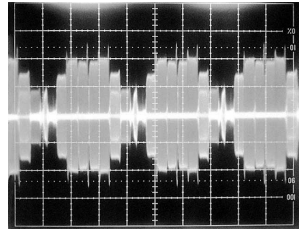
IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

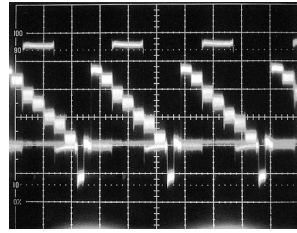
WAVEFORMS



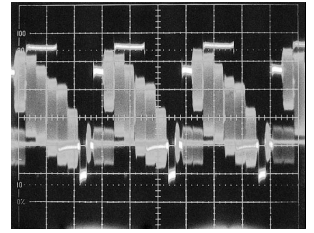
① IC801 pin 4
1V/div, 5msec/div



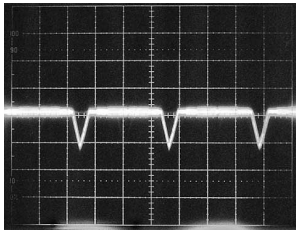
② IC801 pin 20
0.1V/div, 20µsec/div



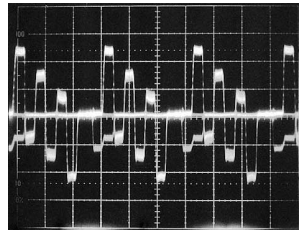
③ IC801 pin 21
0.2V/div, 20µsec/div



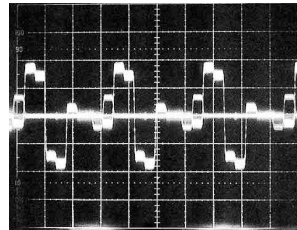
④ IC801 pin 29
0.2V/div, 20µsec/div



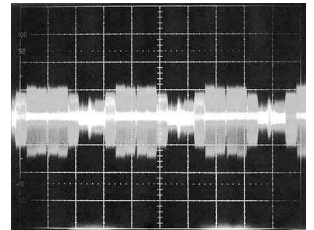
⑤ IC801 pin 58
0.2V/div, 20µsec/div



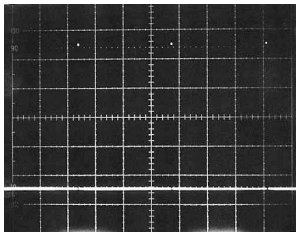
⑥ IC801 pin 45
0.2V/div, 20µsec/div



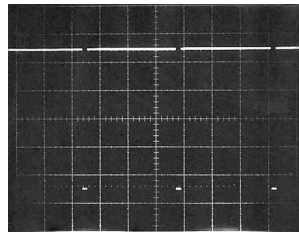
⑦ IC801 pin 46
0.2V/div, 20µsec/div



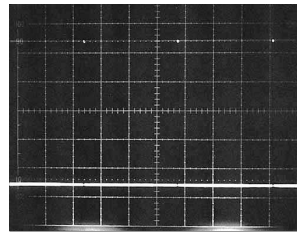
⑧ IC803 pin 20
50mV/div, 20µsec/div



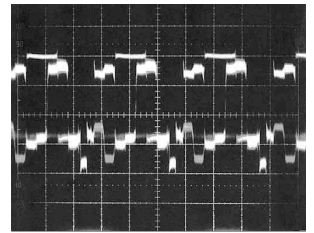
⑨ IC502 pin 10
1V/div, 5msec/div



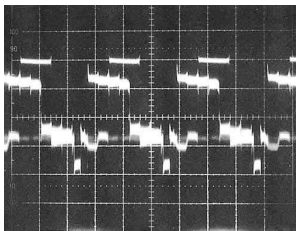
⑩ IC502 pin 11
1V/div, 5msec/div



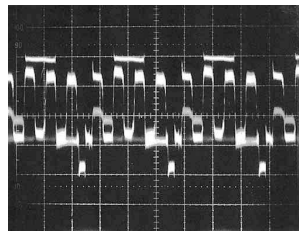
⑪ IC504 pin 4
1V/div, 5msec/div



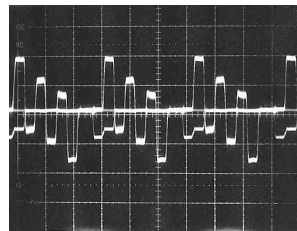
⑫ P803 pin 1
0.2V/div, 20µsec/div



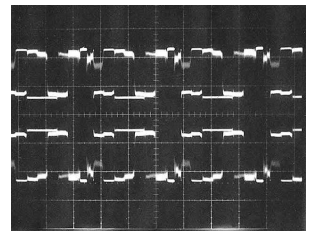
⑬ P803 pin 2
0.2V/div, 20µsec/div



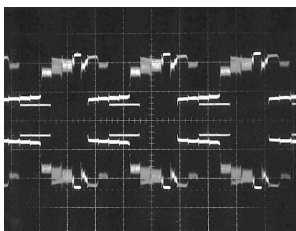
⑭ P803 pin 3
0.2V/div, 20µsec/div



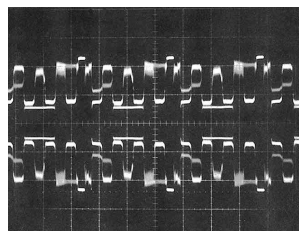
⑮ P803 pin 5
0.5V/div, 20µsec/div



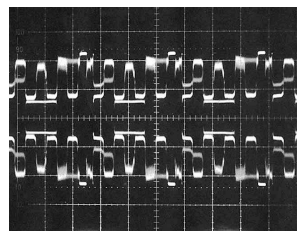
⑯ IC1501 pin 32
2V/div, 20µsec/div



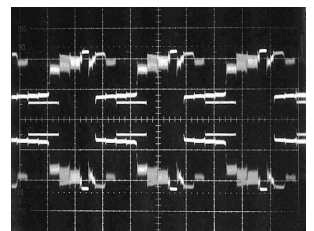
⑰ IC1501 pin 34
2V/div, 20µsec/div



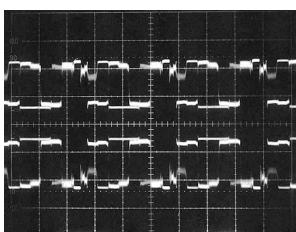
⑱ IC1501 pin 36
2V/div, 20µsec/div



⑲ P1401 pin 1
2V/div, 20µsec/div

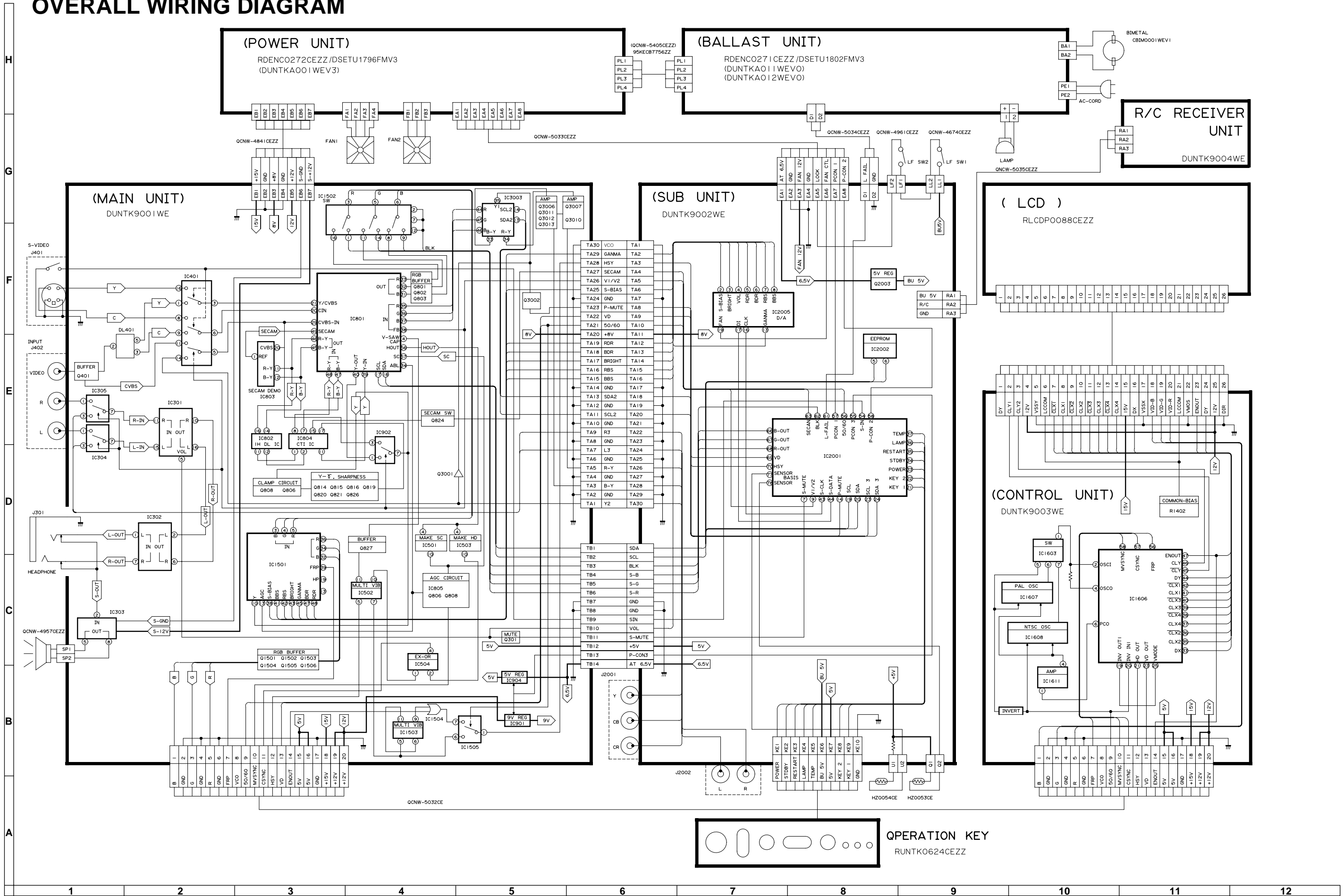


⑳ P1401 pin 2
2V/div, 20µsec/div

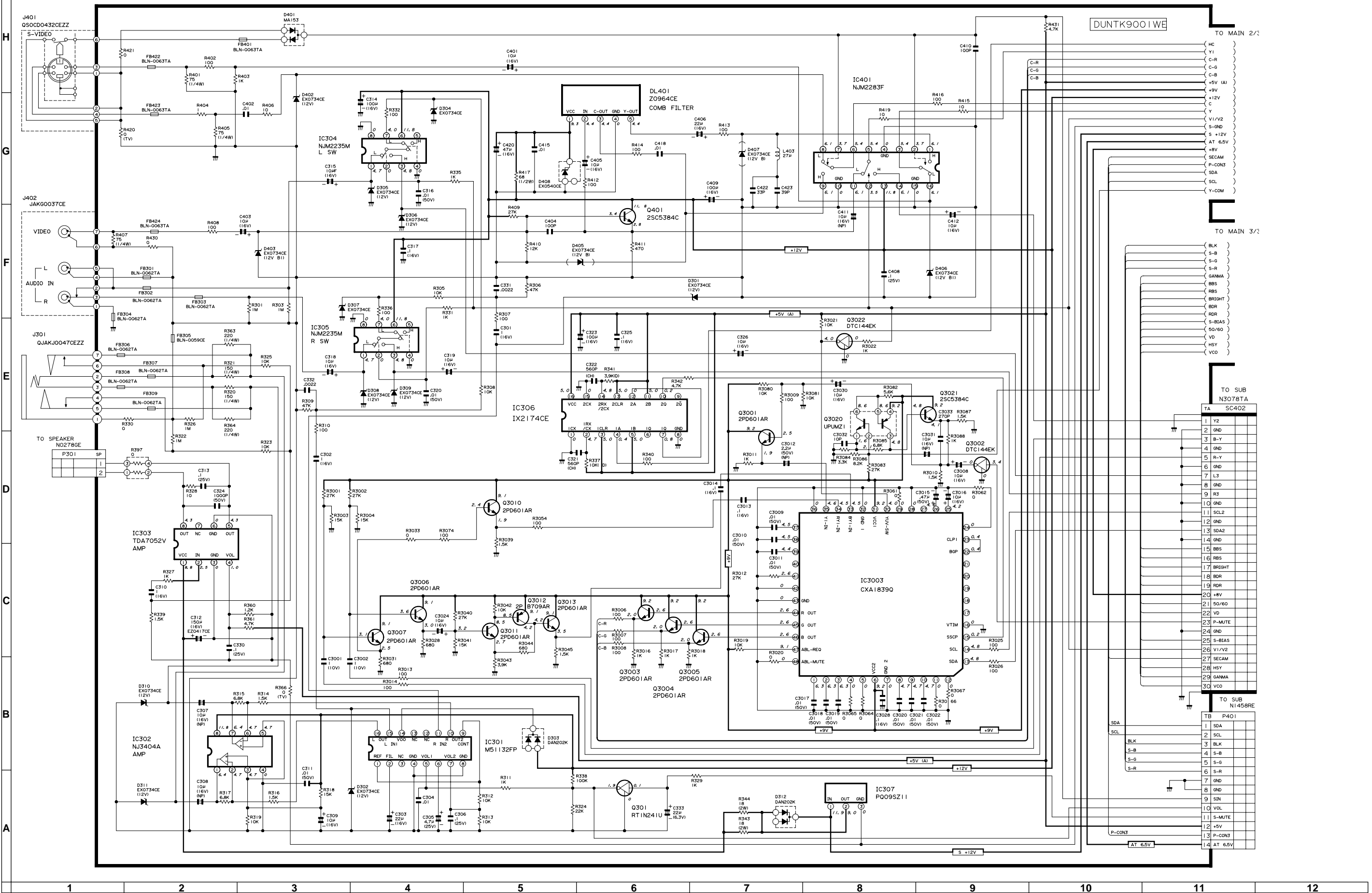


㉑ P1401 pin 3
2V/div, 20µsec/div

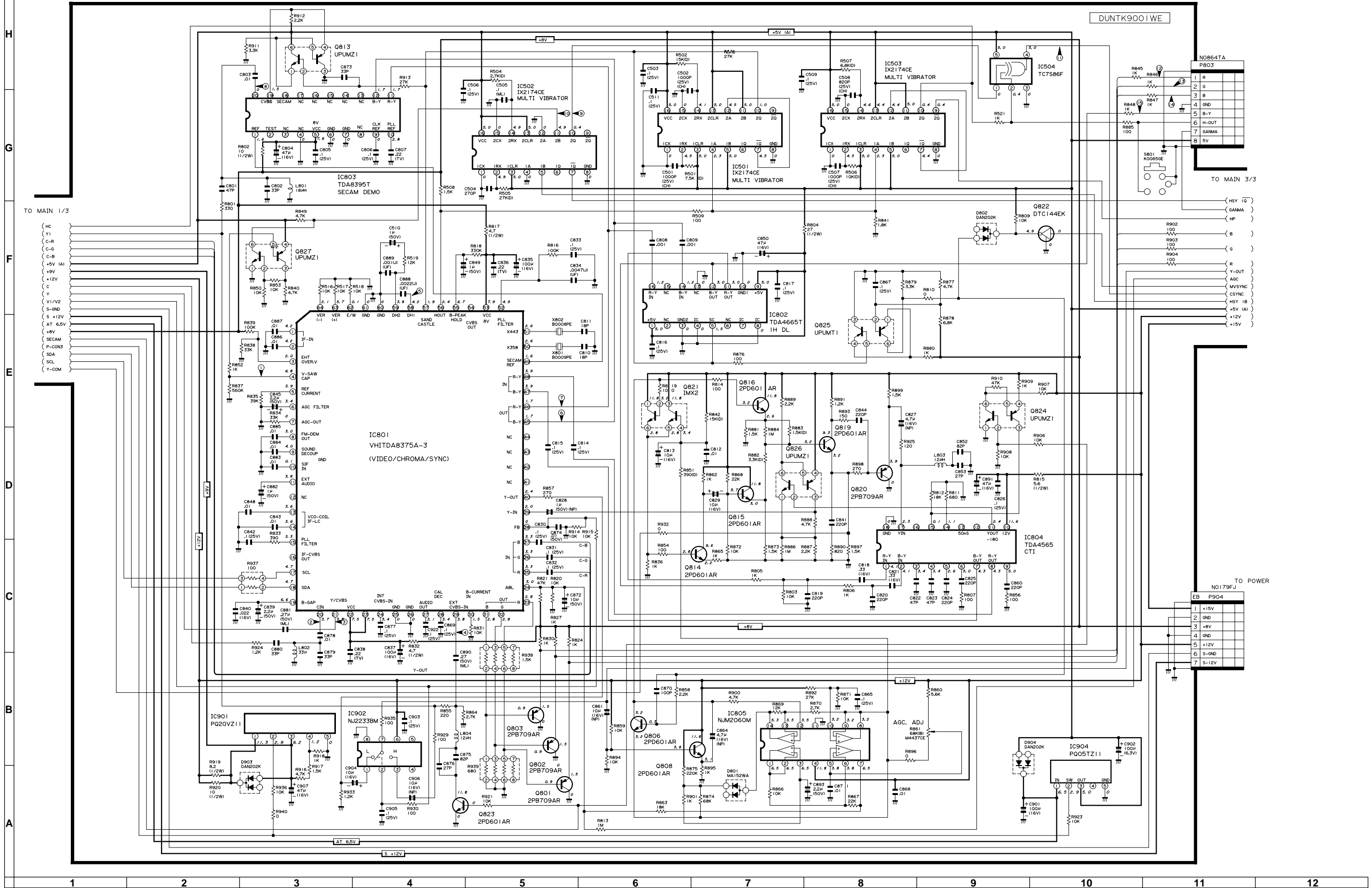
OVERALL WIRING DIAGRAM



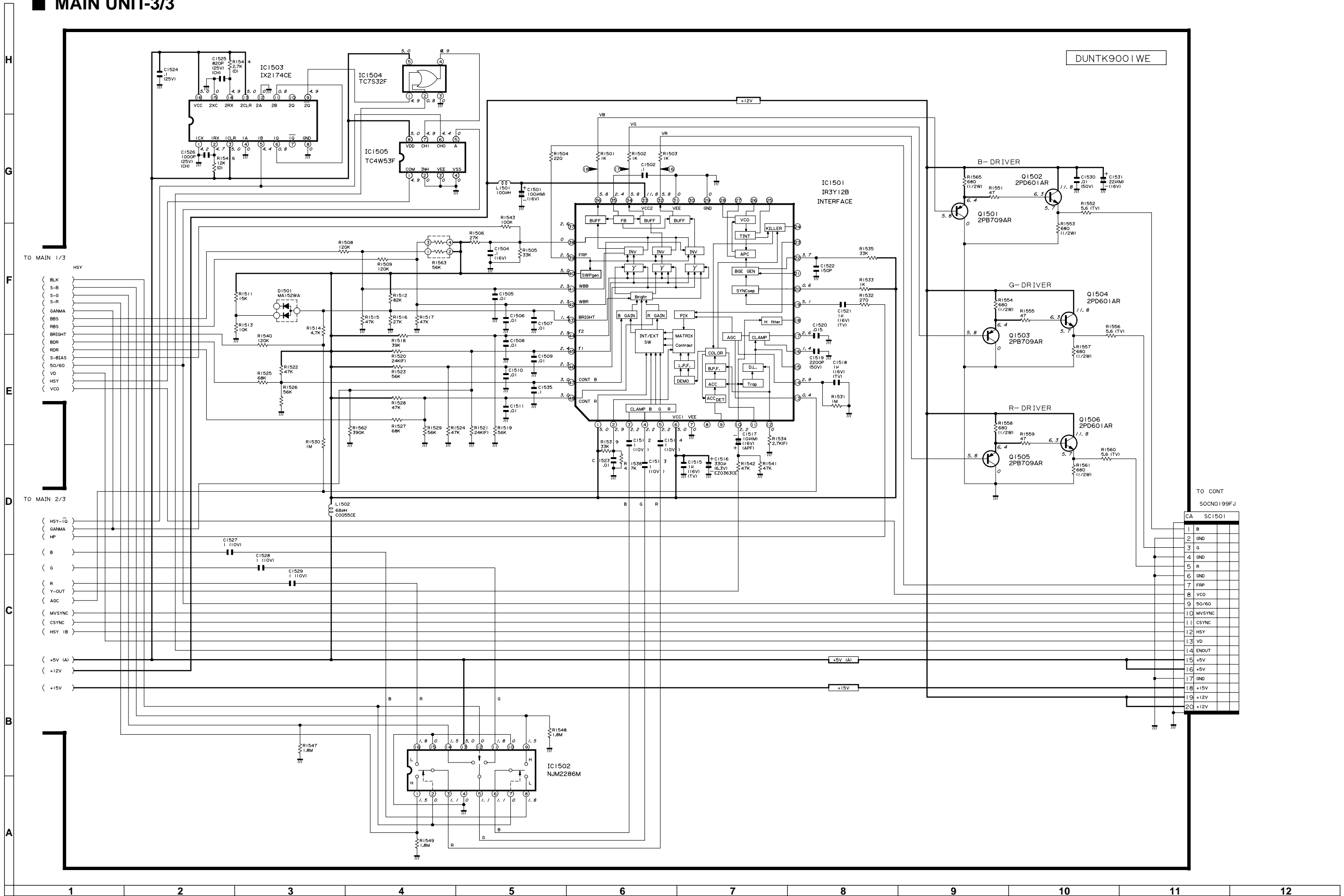
MAIN UNIT-1/3



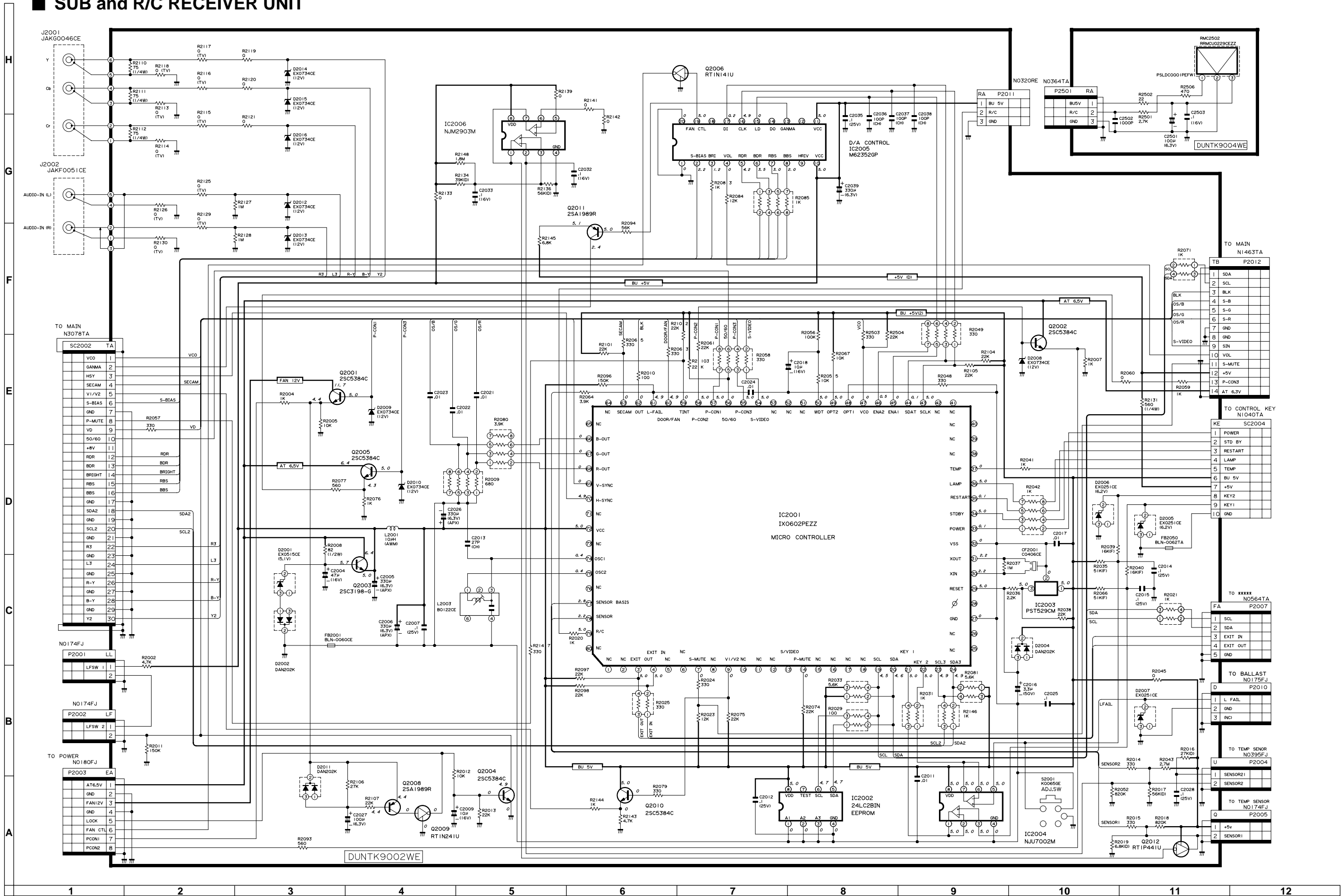
MAIN UNIT-2/3



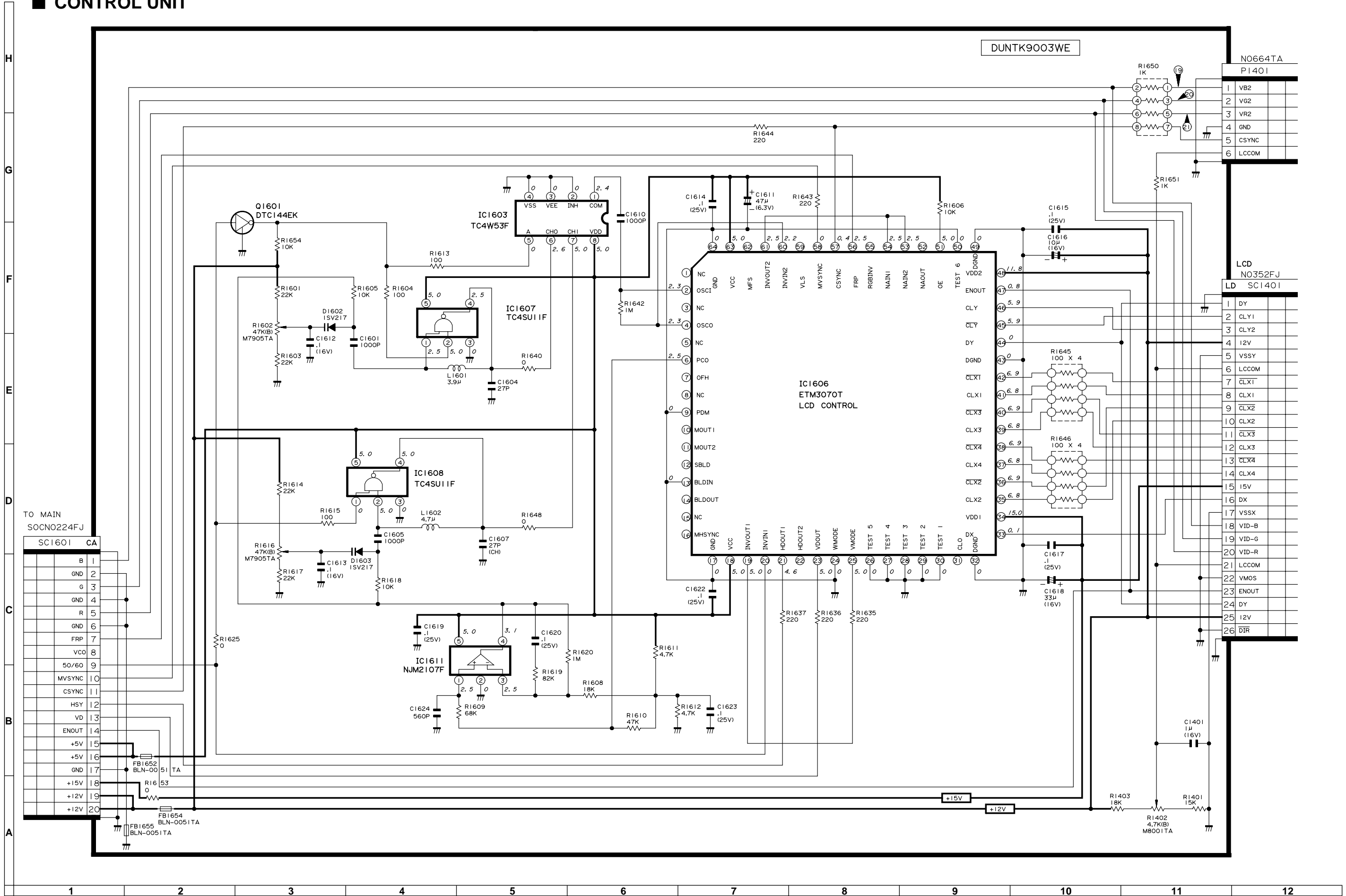
MAIN UNIT-3/3



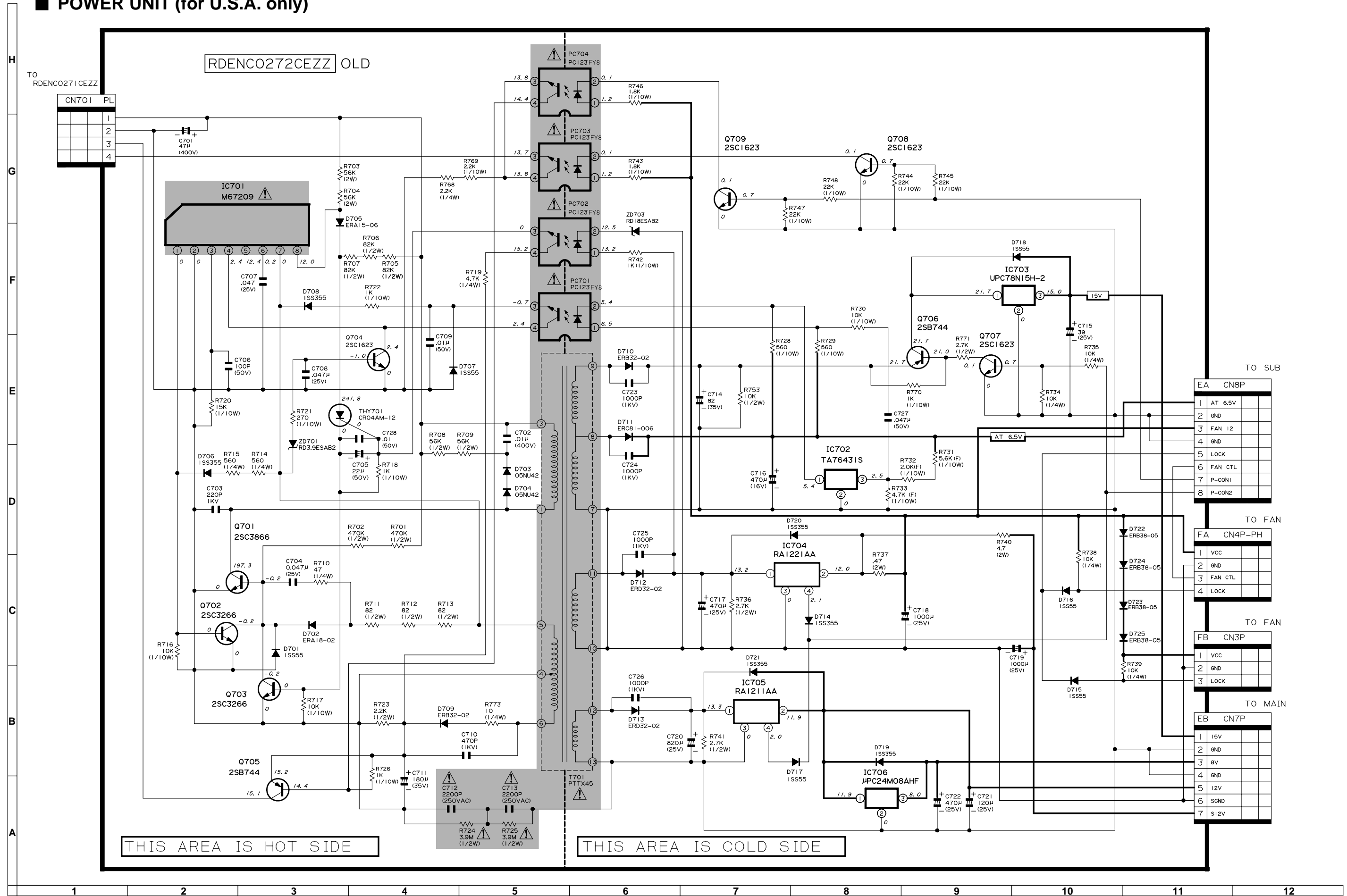
SUB and R/C RECEIVER UNIT



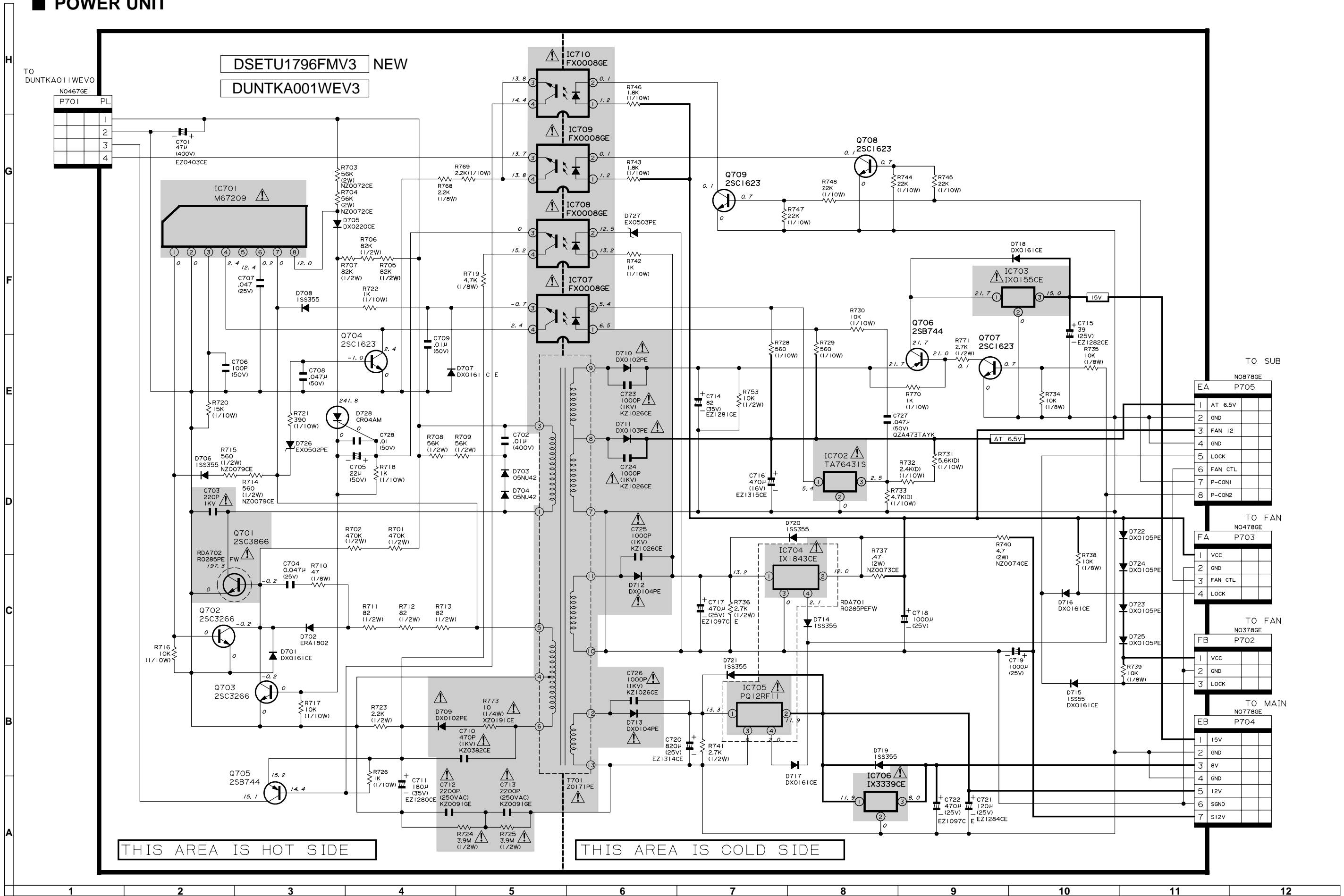
CONTROL UNIT



POWER UNIT (for U.S.A. only)



POWER UNIT



THIS AREA IS HOT SIDE

THIS AREA IS COLD SIDE

TO DUNTKAO1 I WEVO
N0467GE

P701	PL
1	
2	
3	
4	

TO SUB
N0878GE

EA	P705
1	AT 6.5V
2	GND
3	FAN I2
4	GND
5	LOCK
6	FAN CTL
7	P-CON1
8	P-CON2

TO FAN
N0478GE

FA	P703
1	VCC
2	GND
3	FAN CTL
4	LOCK

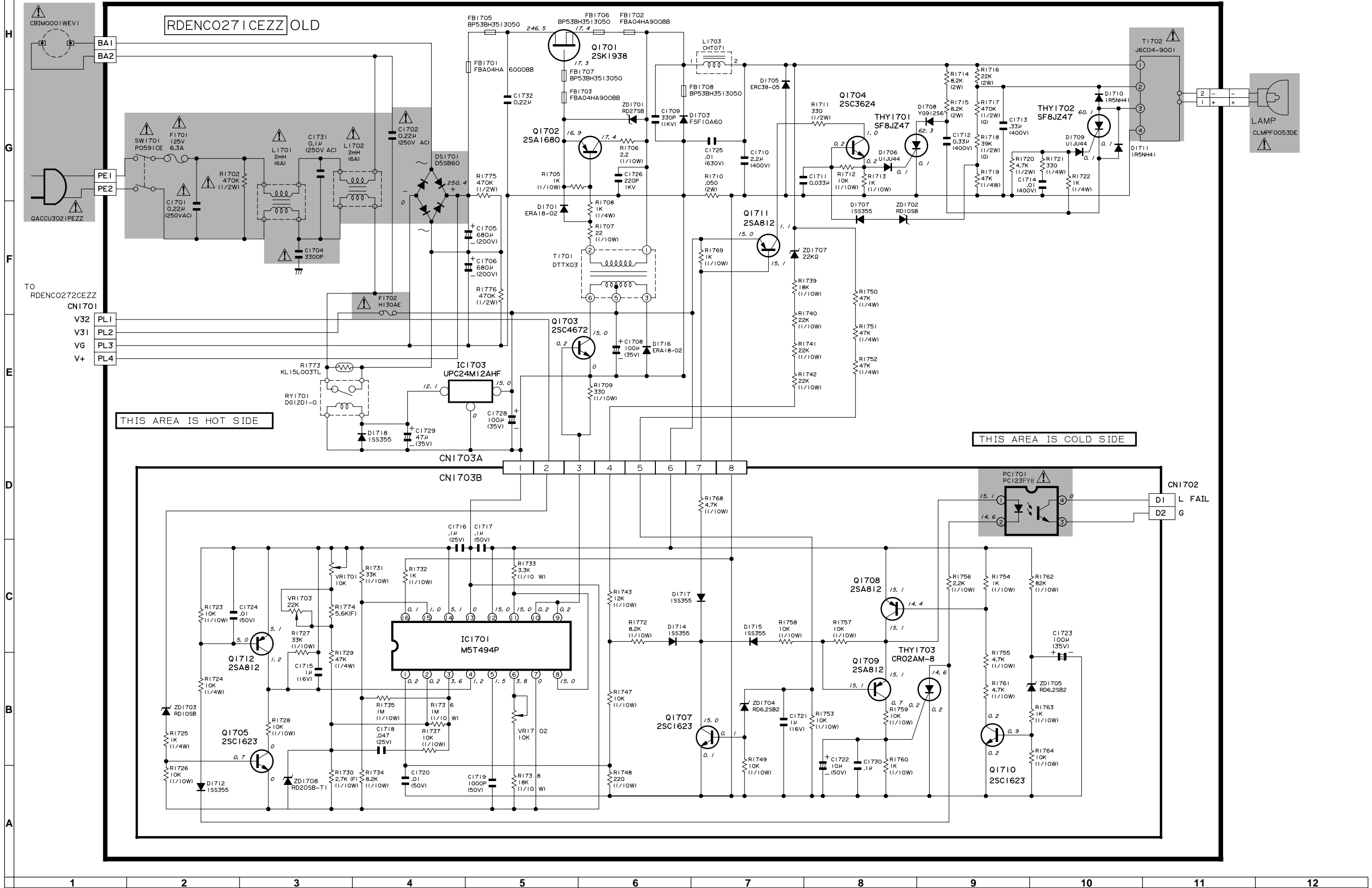
TO FAN
N0378GE

FB	P702
1	VCC
2	GND
3	LOCK

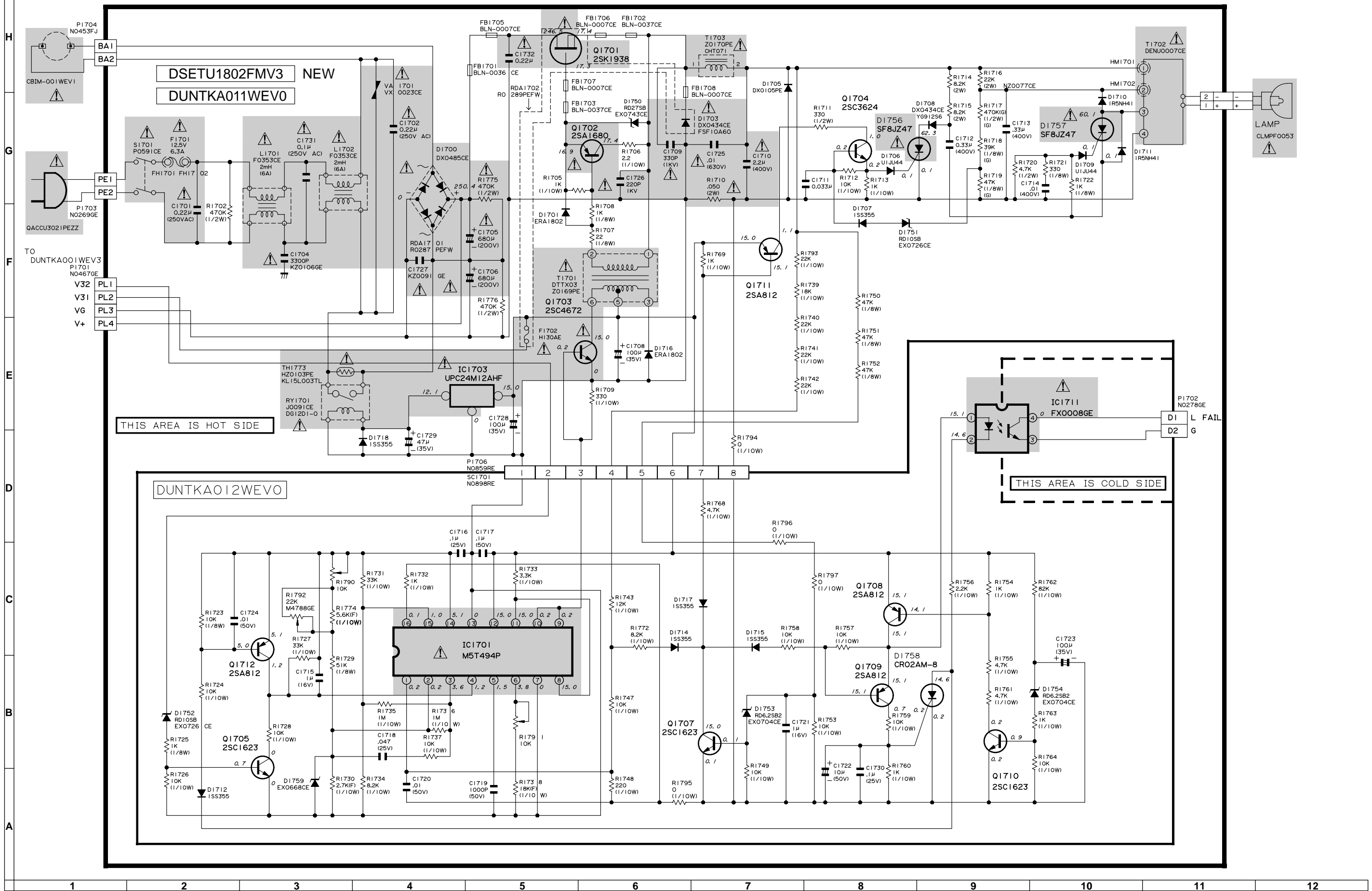
TO MAIN
N0778GE

EB	P704
1	15V
2	GND
3	8V
4	GND
5	12V
6	SGND
7	S12V

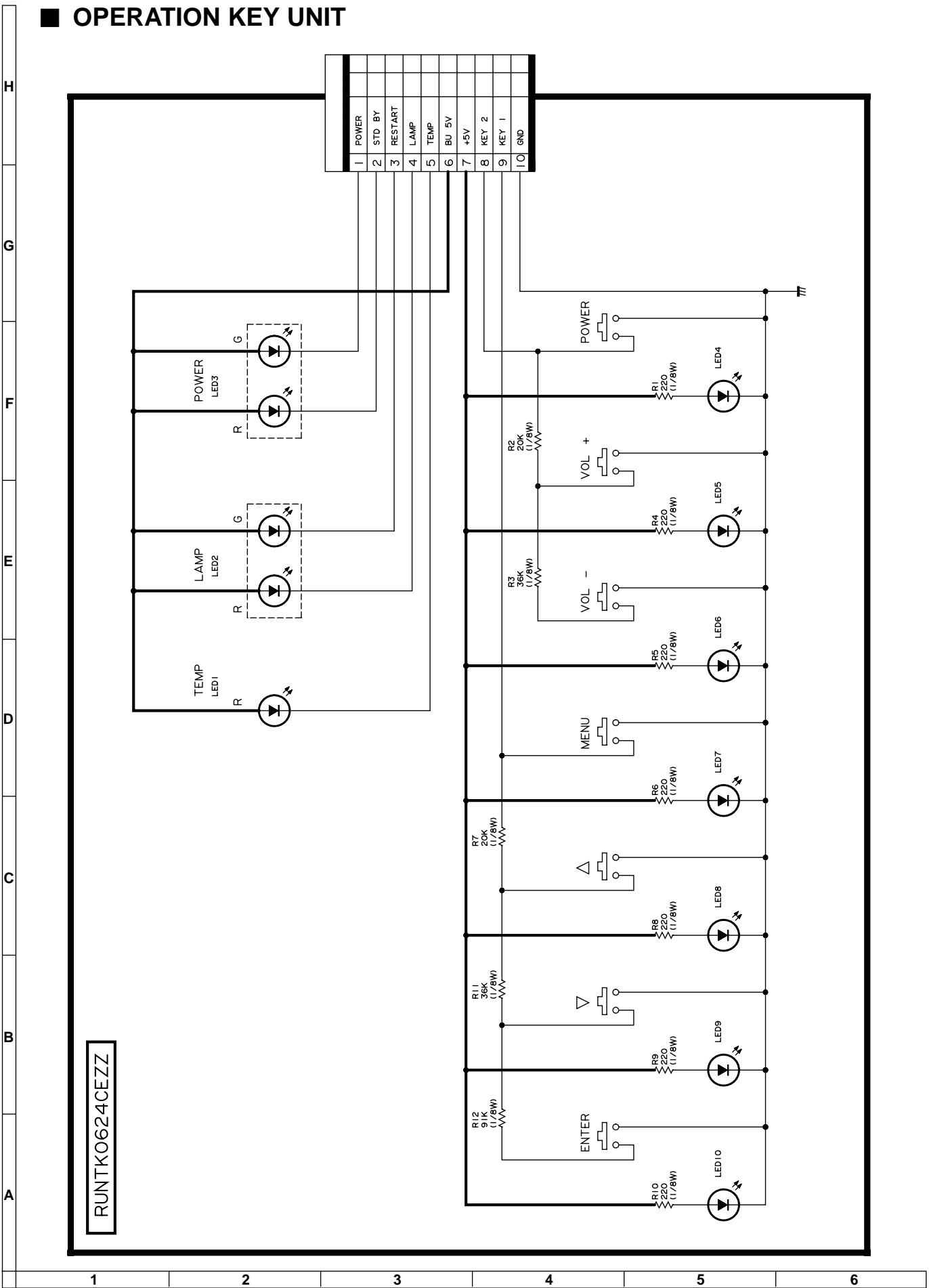
BALLAST UNIT (for U.S.A. only)



BALLAST UNIT

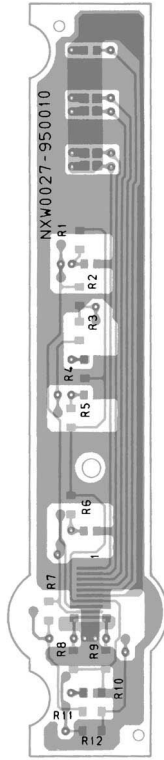


■ OPERATION KEY UNIT

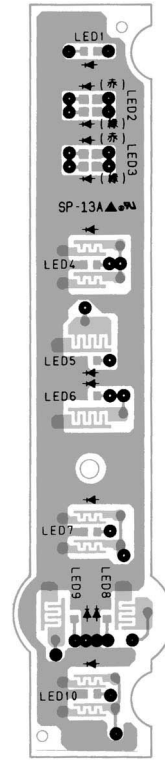


PRINTED WIRING BOARD ASSEMBLIES

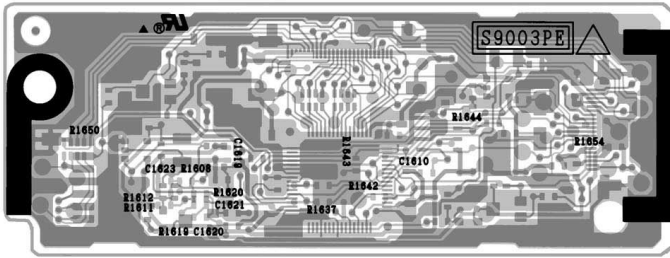
H
G
F
E
D
C
B
A
1 2 3 4 5 6



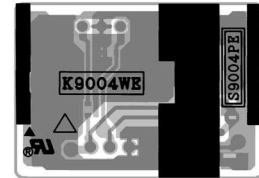
Operation Key Unit (Wiring Side)



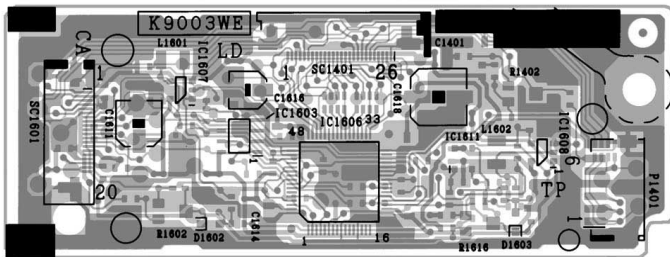
Operation Key Unit (Component Side)



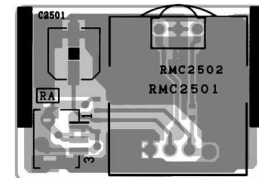
Control Unit (Wiring Side)



Infrared R/C Receiver Unit (Wiring Side)

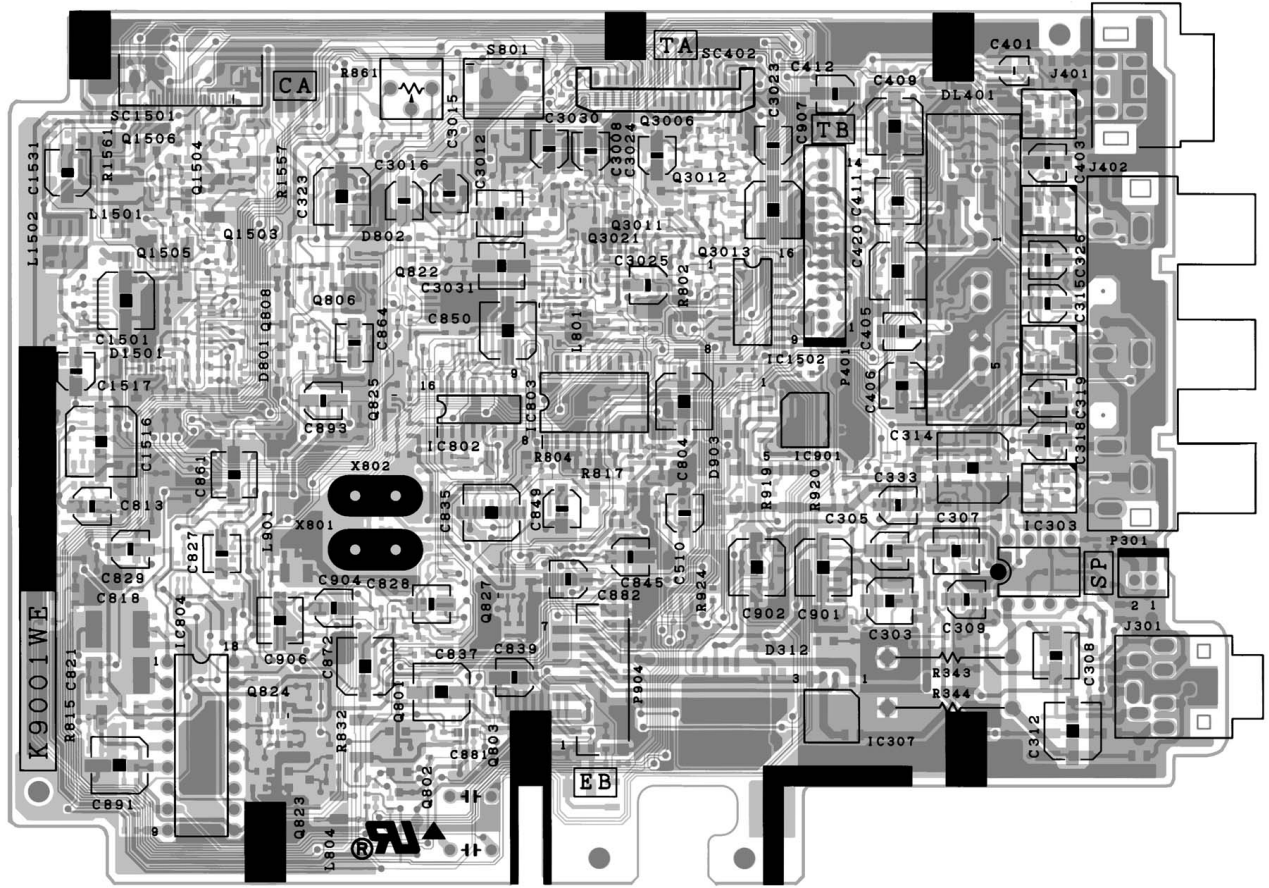


Control Unit (Component Side)

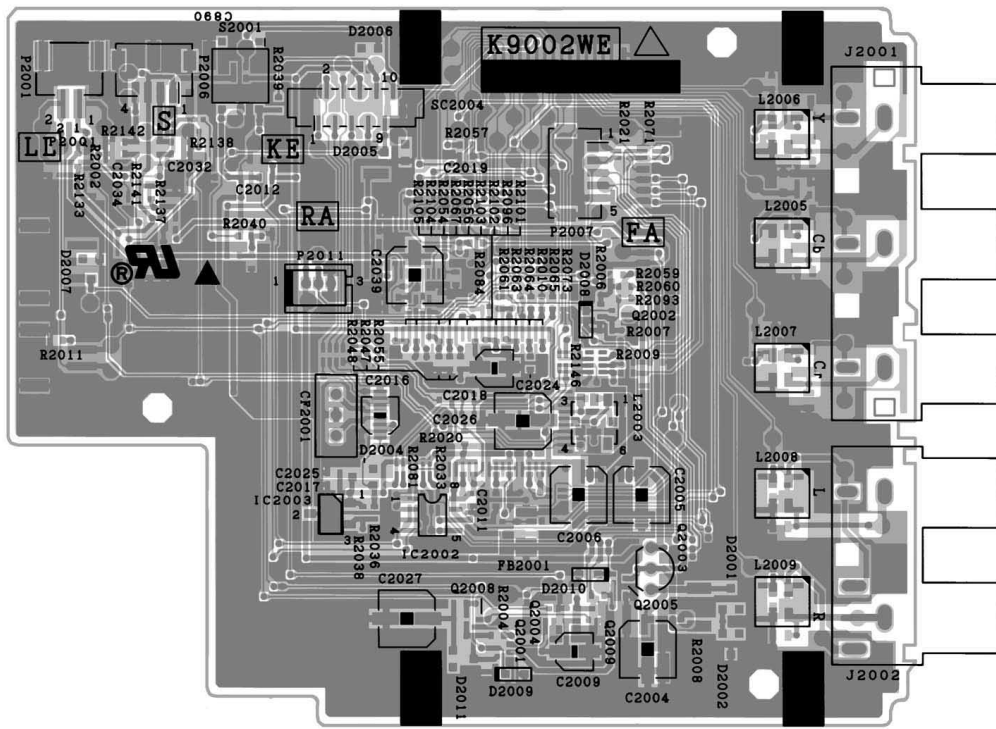


Infrared R/C Receiver Unit (Component Side)





MAIN Unit (Component Side)

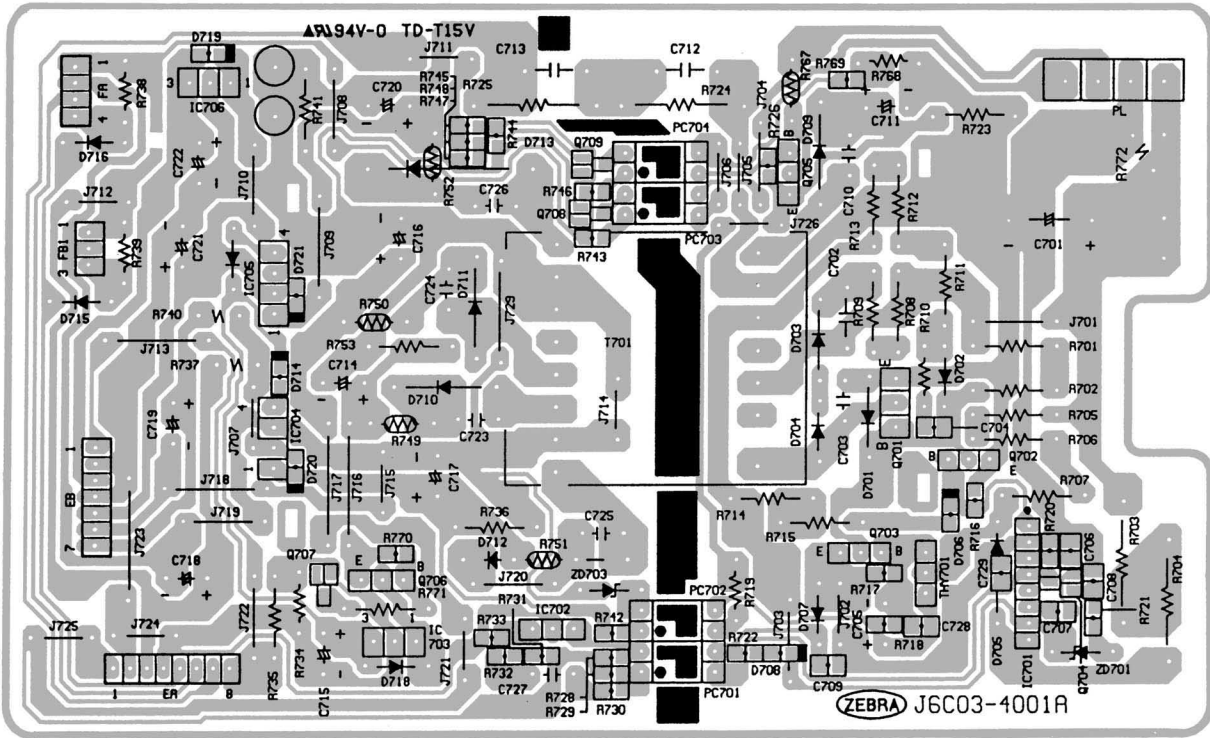


Sub Unit (Component Side)

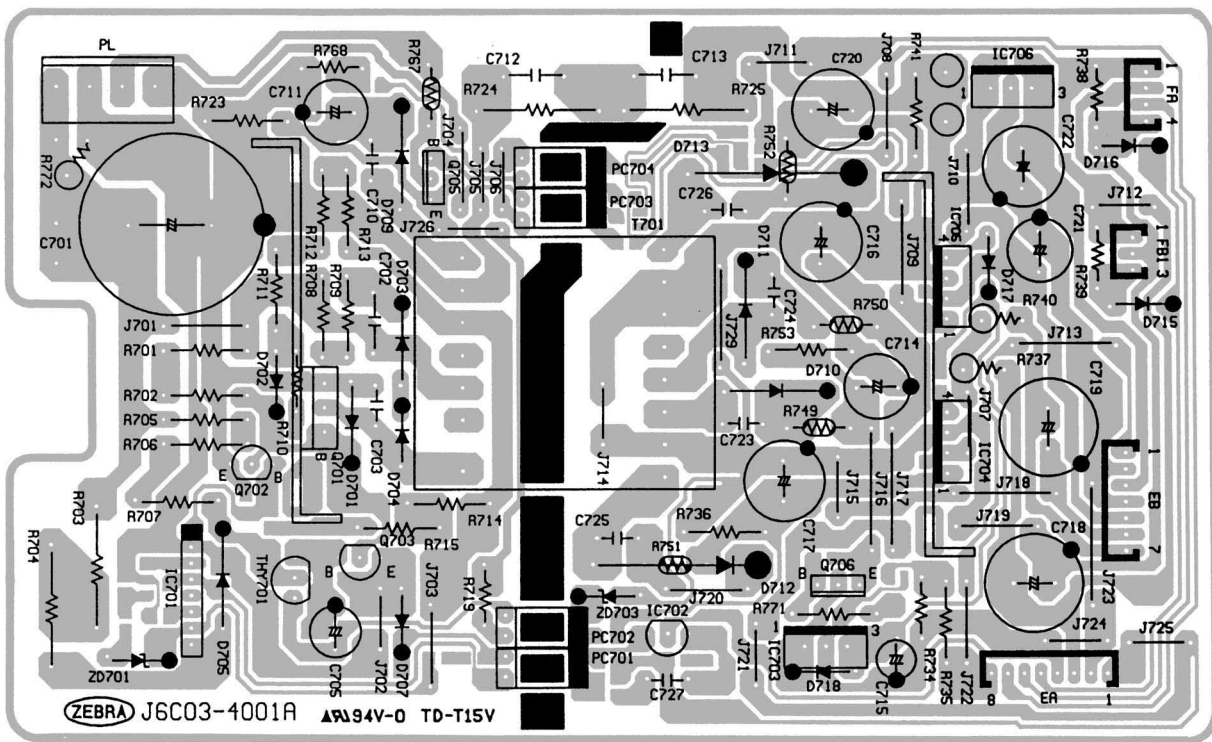
10	11	12	13	14	15	16	17	18	19
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● Old Unit

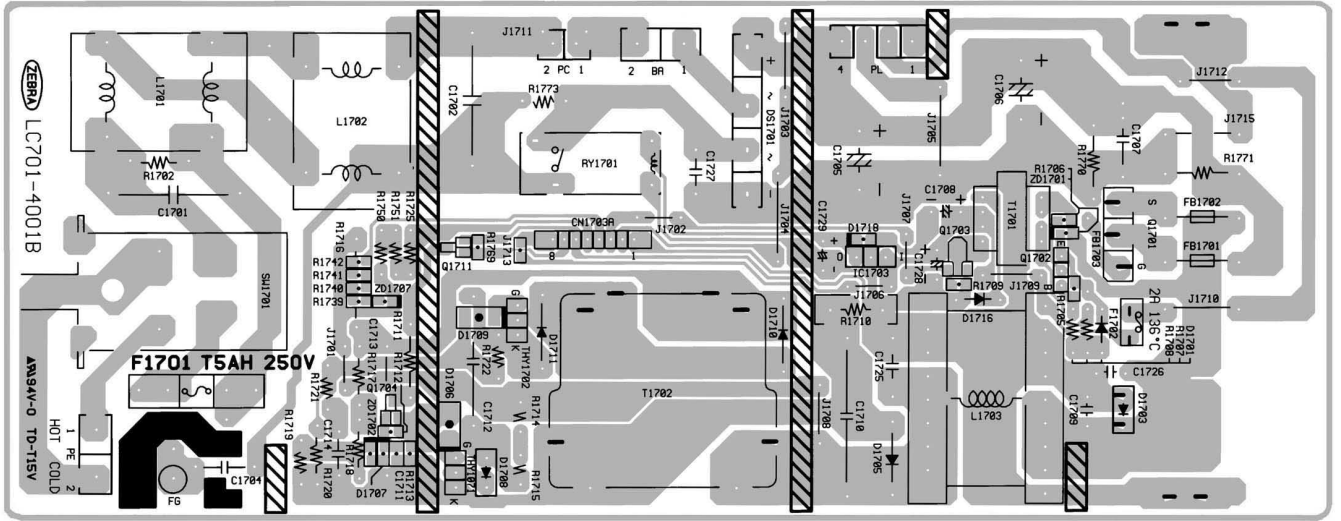
H
G
F
E
D
C
B
A
1 2 3 4 5 6 7 8 9 10



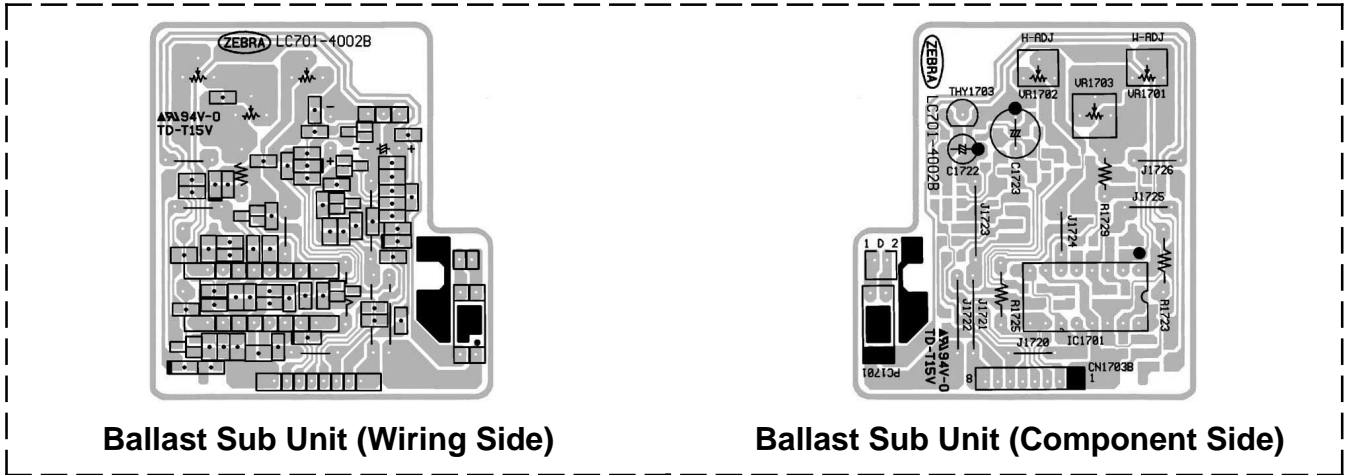
Power Unit (Wiring Side)



Power Unit (Component Side)



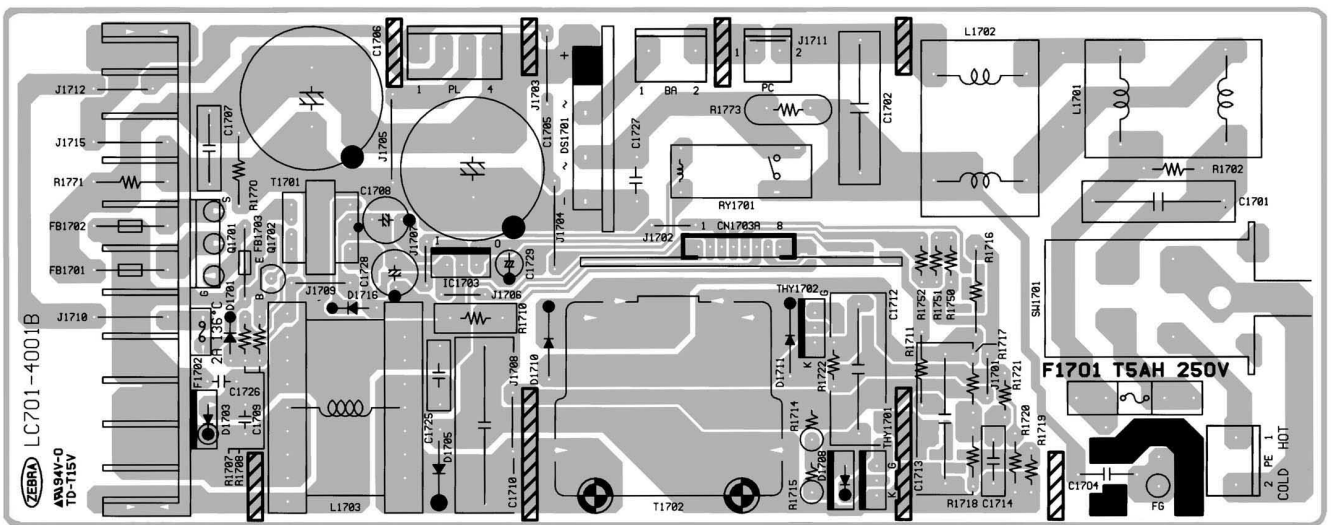
Ballast Unit (Wiring Side)



Ballast Sub Unit (Wiring Side)

Ballast Sub Unit (Component Side)

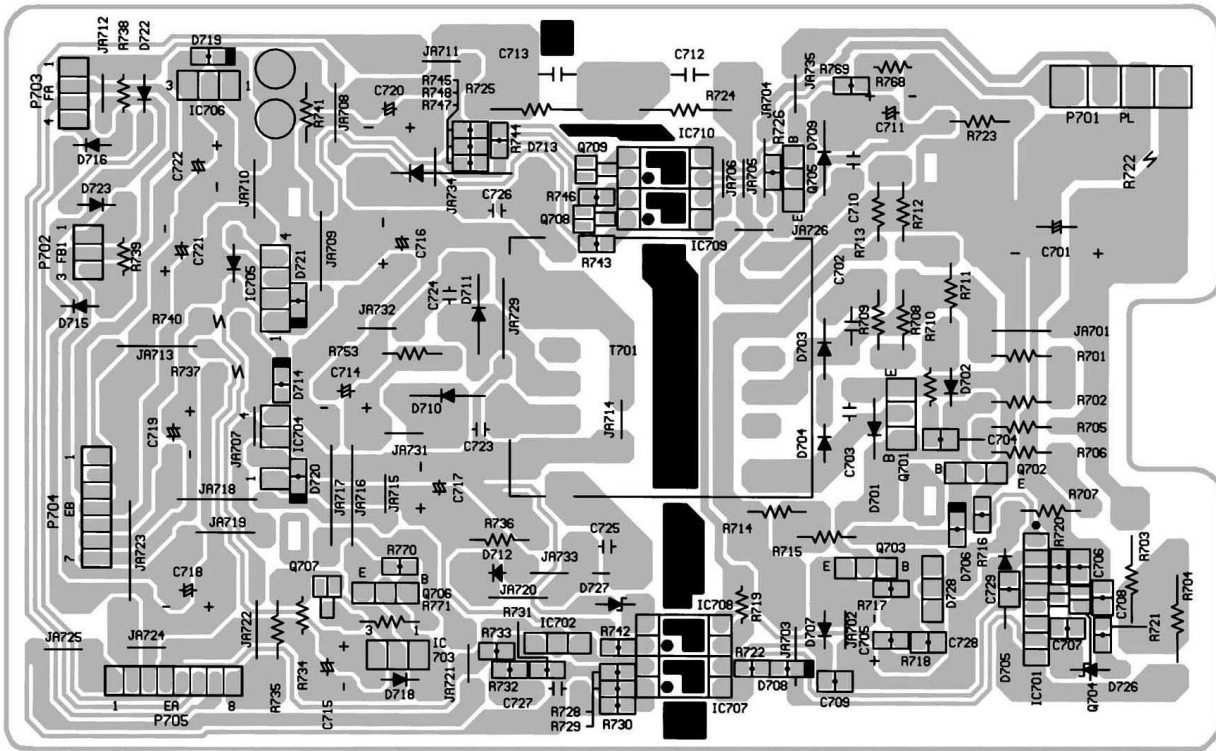
(To CN1703A)



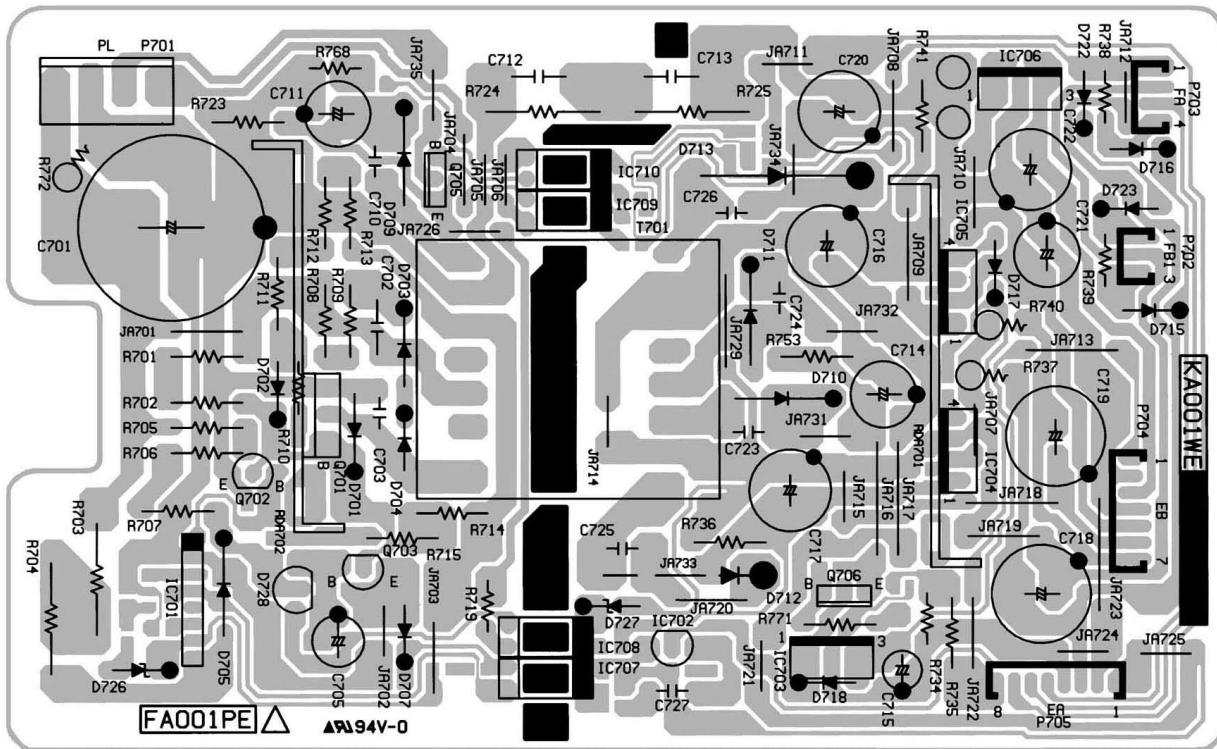
Ballast Unit (Wiring Side)

10	11	12	13	14	15	16	17	18	19
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• New Unit

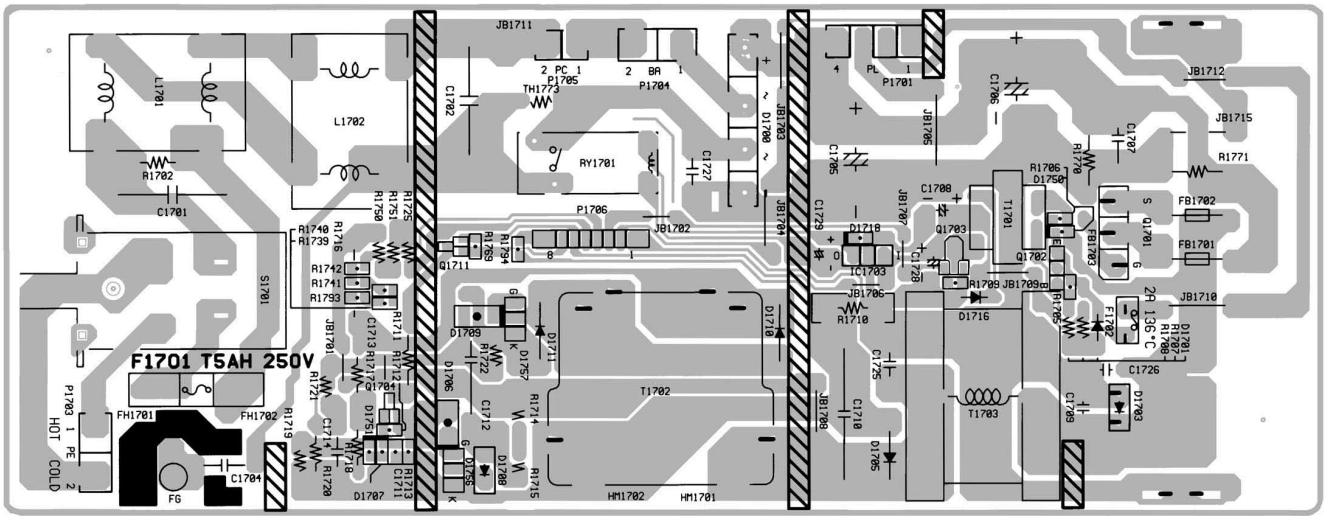


Power Unit (Wiring Side)

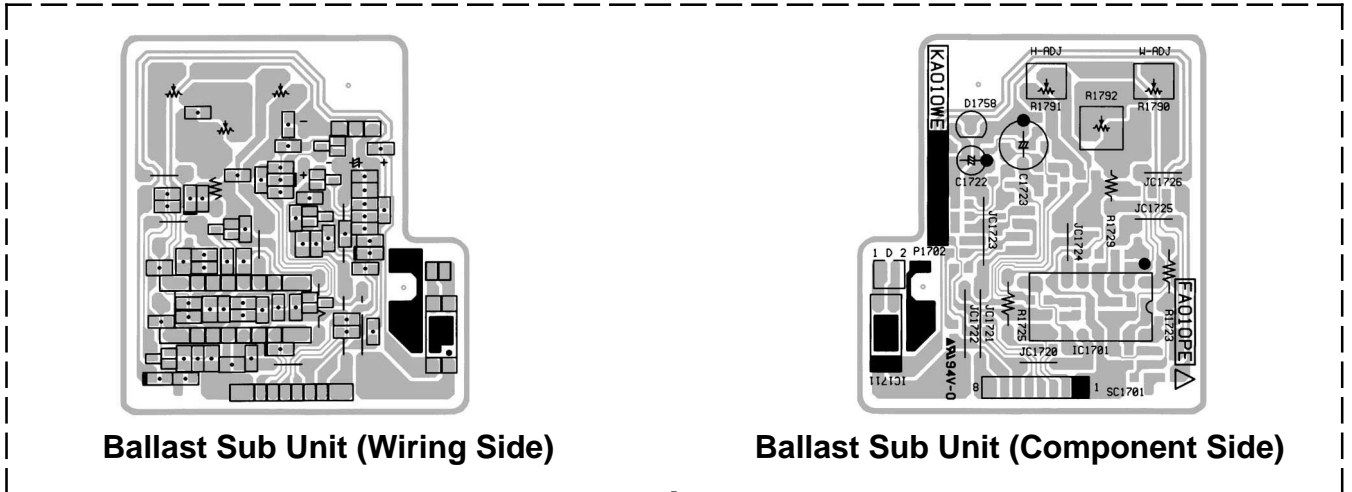


Power Unit (Component Side)

1	2	3	4	5	6	7	8	9	10
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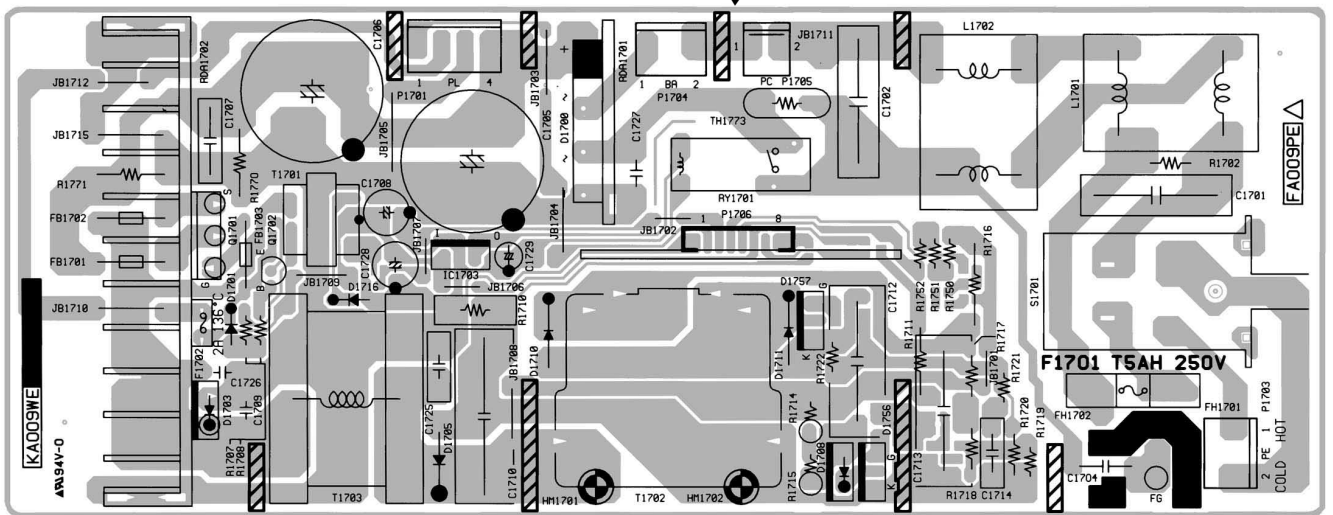
Ballast Unit (Wiring Side)



Ballast Sub Unit (Wiring Side)

Ballast Sub Unit (Component Side)

(To CN1703A)



Ballast Unit (Wiring Side)

10	11	12	13	14	15	16	17	18	19
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PARTS LIST

PARTS REPLACEMENT

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Les pieces marquées "△" sont importantes pour maintenir la sécurité de l'appareil. Ne remplacer ces pieces que par des pieces dont le numéro est spécifié pour maintenir la sécurité et protéger le bon fonctionnement de l'appareil.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |
| 5. CODE | 6. QUANTITY |

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

★ MARK : SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code
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DUNTK9001WEV3

MAIN UNIT

INTEGRATED CIRCUITS

IC301	VHiM51132FP-1	J	M51132FP	AL
IC302	VHiNJ3404AM-1	J	NJM3404AM	AF
IC303	VHiTDA7052V-1	J	TDA7052A	AH
IC304	VHiNJM2235M-1	J	NJM2235M	AE
IC305	VHiNJM2235M-1	J	NJM2235M	AE
IC306	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC307	VHiPQ09SZ11-1	J	PQ09SZ1U	AG
IC401	VHiNJM2283F-1	J	NJM2283M	AF
IC501	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC502	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC503	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC504	VHiTC7S86F/-1	J	TC7S86F	AD
IC801	VHiTDA8375A-3	J	TDA8375AH/N3	BA
IC802	VHiTDA4665T5E	J	TDA4665	AN
IC803	VHiTDA8395T-3	J	TDA8395T	AR
IC804	VHiTDA4565/-1	J	TDA4565/V6	AN
IC805	VHiNJM2060M-1	J	NJM2060M	AE
IC901	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC902	VHiNJ2233BM-1	J	NJM2233BM	AE
IC904	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1501	VHiIR3Y12B/-1	J	IR3Y12B	AU
IC1502	VHiNJM2286M-1	J	NJM2286M	AE
IC1503	RH-iX2174CEZZ	J	MC74HC4538FR	AG
IC1504	VHiTC7S32F/-1	J	TC7S32F	AC
IC1505	VHiTC4W53F/-1	J	TC4W53F	AE
IC3003	VHiCXA1839Q-1	J	CXA1839	AZ

TRANSISTORS

Q301	VSRT1N241U/-1	J	RT1N241U	AB
Q401	VS2SC5384C/-1	J	2SC5384C	AB
Q801	VS2PB709AR/-1	J	2PB709AR	AB
Q802	VS2PB709AR/-1	J	2PB709AR	AB
Q803	VS2PB709AR/-1	J	2PB709AR	AB
Q806	VS2PD601AR/-1	J	2PD601AR	AB
Q808	VS2PD601AR/-1	J	2PD601AR	AB
Q813	VSUPUMZ1///-1	J	UPUMZ1	AC
Q814	VS2PD601AR/-1	J	2PD601AR	AB
Q815	VS2PD601AR/-1	J	2PD601AR	AB
Q816	VS2PD601AR/-1	J	2PD601AR	AB
Q819	VS2PD601AR/-1	J	2PD601AR	AB
Q820	VS2PB709AR/-1	J	2PB709AR	AB
Q821	VSiMX2////-1	J	iMX2	AB
Q822	VSDTC144EK/-1	J	DTC144EK	AB
Q823	VS2PD601AR/-1	J	2PD601AR	AB
Q824	VSUPUMZ1///-1	J	UPUMZ1	AC
Q825	VSUPUMT1///-1	J	UPUMT1	AC
Q826	VSUPUMZ1///-1	J	UPUMZ1	AC
Q827	VSUPUMZ1///-1	J	UPUMZ1	AC
Q1501	VS2PB709AR/-1	J	2PB709AR	AB
Q1502	VS2PD601AR/-1	J	2PD601AR	AB
Q1503	VS2PB709AR/-1	J	2PB709AR	AB
Q1504	VS2PD601AR/-1	J	2PD601AR	AB
Q1505	VS2PB709AR/-1	J	2PB709AR	AB
Q1506	VS2PD601AR/-1	J	2PD601AR	AB
Q3001	VS2PD601AR/-1	J	2PD601AR	AB
Q3002	VSDTC144EK/-1	J	DTC144EK	AB
Q3003	VS2PD601AR/-1	J	2PD601AR	AB
Q3004	VS2PD601AR/-1	J	2PD601AR	AB
Q3005	VS2PD601AR/-1	J	2PD601AR	AB
Q3006	VS2PD601AR/-1	J	2PD601AR	AB
Q3007	VS2PD601AR/-1	J	2PD601AR	AB
Q3010	VS2PD601AR/-1	J	2PD601AR	AB
Q3011	VS2PD601AR/-1	J	2PD601AR	AB
Q3012	VS2PB709AR/-1	J	2PB709AR	AB
Q3013	VS2PD601AR/-1	J	2PD601AR	AB
Q3020	VSUPUMZ1///-1	J	UPUMZ1	AC
Q3021	VS2SC5384C/-1	J	2SC5384C	AB
Q3022	VSDTC144EK/-1	J	DTC144EK	AB

Ref. No.	Part No.	★	Description	Code
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LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

RLCDP0088CEZZ J LCD Module Unit CN

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

XV-C100U (for U.S.A.)

DUNTK9001WEV3	- Main Unit	—
DUNTK9002WEV3	- Sub Unit	—
DUNTK9003WEV3	- Control Unit	—
DUNTK9004WEV3	- R/C Receiver Unit	—
RUNTK0624CEZZ	- Operation Key Unit	—
RDENC0271CEZZ	- Ballast Unit (1-29 Set)	—
DSETU1802FMV3	- Ballast Unit (30-)	—
RDENC0272CEZZ	- Power Unit (1-29 Set)	—
DSETU1796FMV3	- Power Unit (30-)	—

XV-C100U (for Canada)

DUNTK9001WEV3	- Main Unit	—
DUNTK9002WEV3	- Sub Unit	—
DUNTK9003WEV3	- Control Unit	—
DUNTK9004WEV3	- R/C Receiver Unit	—
RUNTK0624CEZZ	- Operation Key Unit	—
DSETU1802FMV3	- Ballast Unit	—
DSETU1796FMV3	- Power Unit	—

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTK9001WEV3 MAIN UNIT (Continued)									
DIODES									
D301	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C331	VCKYCY1HB222K	J	2200p 50V Ceramic	AA
D302	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C332	VCKYCY1HB222K	J	2200p 50V Ceramic	AA
D303	VHDDAN202K/-1	J	Diode	AB	C333	VCEAPF0JW226M	J	22 6.3V Electrolytic	AB
D304	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C401	VCEAPH1CW106M	J	10 16V Electrolytic	AB
D305	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C402	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
D306	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C403	VCEAPF1CW106M	J	10 16V Electrolytic	AB
D307	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C404	VCCCCY1HH101J	J	100p 50V Ceramic	AA
D308	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C405	VCEAPF1CW106M	J	10 16V Electrolytic	AB
D309	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C406	VCEAPF1CW226M	J	22 16V Electrolytic	AB
D310	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C408	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
D311	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C409	VCEAPF1CW107M	J	100 16V Electrolytic	AD
D312	VHDDAN202K/-1	J	Diode	AB	C410	VCCCCY1HH101J	J	100p 50V Ceramic	AA
D401	VHDM153///-1	J	Diode	AB	C411	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
D402	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C412	VCEAPF1CW106M	J	10 16V Electrolytic	AB
D403	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C415	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
D405	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C418	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
D406	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C420	VCEAPF1CW476M	J	47 16V Electrolytic	AC
D407	RH-EX0734CEZZ	J	Zener Diode 12V	AD	C422	VCCCCY1HH330J	J	33p 50V Ceramic	AA
D408	RH-EX0540CEZZ	J	Zener Diode 9V	AB	C423	VCCCCY1HH390J	J	39p 50V Ceramic	AA
D801	VHDM152WA/-1	J	Diode	AA	C501	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
D802	VHDDAN202K/-1	J	Diode	AB	C502	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
D903	VHDDAN202K/-1	J	Diode	AB	C503	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
D904	VHDDAN202K/-1	J	Diode	AB	C504	VCCCCY1HH271J	J	270p 50V Ceramic	AA
D1501	VHDM152WA/-1	J	Diode	AA	C505	VCFYEC1CM104J	J	0.1 16V M.Polyester	AD
PACKAGED CIRCUITS									
X801	RCRSB0009PEZZ	R	Crystal	AL	C506	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
X802	RCRSB0008PEZZ	R	Crystal	AH	C507	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
COILS									
DL401	RCILZ0964CEZZ	J	Coil	AS	C508	VCCCCY1EH821J	J	820p 25V Ceramic	AB
L403	VP-1M270J3R8N	J	Peaking 27µH	AC	C509	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
L801	VPAWM180J3R6N	J	Peaking 18µH	AD	C510	VCEAPF1HW105M	J	1.0 50V Electrolytic	AB
L802	VP-1M330J4R2N	J	Peaking 33µH	AC	C511	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
L803	VP-1M120J1R9N	J	Peaking 12µH	AC	C801	VCCCCY1HH470J	J	47p 50V Ceramic	AA
L804	VP-1M120J1R9N	J	Peaking 12µH	AC	C802	VCCCCY1HH330J	J	33p 50V Ceramic	AA
L1501	VP-1M101J7R7N	J	Peaking 100µH	AC	C803	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
L1502	RCILC0055CEZZ	J	Coil	AD	C804	VCEAPF1CW476M	J	47 16V Electrolytic	AC
CONTROL									
R861	RVR-M4437CEZZ	J	68k (B) AGC Adj.	AD	C805	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
CAPACITORS									
C301	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C806	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C302	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C807	VCKYTV1HF224Z	J	0.22 50V Ceramic	AC
C303	VCEAPF1CW226M	J	22 16V Electrolytic	AB	C808	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C304	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C809	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C305	VCEAPF1EW475M	J	4.7 25V Electrolytic	AB	C810	VCCCCY1HH180J	J	18p 50V Ceramic	AA
C306	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C811	VCCCCY1HH180J	J	18p 50V Ceramic	AA
C307	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC	C812	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C308	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC	C813	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C309	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C814	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C310	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C815	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C311	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C816	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C312	RC-EZ0417CEZZ	J	150 16V Ceramic	AD	C817	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C313	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C818	VCFYEC1CM334J	J	0.33 16V M.Polyester	AE
C314	VCEAPK1CN107M	J	100 16V Electrolytic	AD	C819	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C315	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C820	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C316	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C821	VCFYEC1CM334J	J	0.33 16V M.Polyester	AE
C317	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C822	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C318	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C823	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C319	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C824	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C320	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	C825	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C321	VCCCCY1HH561J	J	560p 50V Ceramic	AB	C826	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C322	VCCCCY1HH561J	J	560p 50V Ceramic	AB	C827	VCE9PF1CW475M	J	4.7 16V Elect.(N.P)	AC
C323	VCEAPF1CW107M	J	100 16V Electrolytic	AD	C828	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC
C324	VCKYCY1HB102K	J	1000p 50V Ceramic	AA	C829	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C325	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	C830	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C326	VCEAPF1CW106M	J	10 16V Electrolytic	AB	C831	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C330	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C832	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
					C833	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
					C834	VCFRED1HM472J	J	4700p 50V M.Polyester	AD
					C835	VCEAPF1CW107M	J	100 16V Electrolytic	AD
					C836	VCKYTV1HF224Z	J	0.22 50V Ceramic	AC
					C837	VCEAPF1CW107M	J	100 16V Electrolytic	AD
					C838	VCKYTV1HF224Z	J	0.22 50V Ceramic	AC
					C839	VCEAPF1HW225M	J	2.2 50V Electrolytic	AB
					C840	VCFYEC1CM223J	J	0.022 16V M.Polyester	AC
					C841	VCCCCY1HH221J	J	220p 50V Ceramic	AA
					C842	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
					C843	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
					C844	VCCCCY1HH221J	J	220p 50V Ceramic	AA
					C845	VCEAPF1HW225M	J	2.2 50V Electrolytic	AB
					C848	VCKYCY1HB103K	J	0.01 50V Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTK9001WEV3 MAIN UNIT (Continued)									
C849	VCEAPF1HW105M	J 1.0	50V Electrolytic	AB	C1535	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C850	VCEAPF1CW476M	J 47	16V Electrolytic	AC	C3001	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C852	VCCCCY1HH820J	J 82p	50V Ceramic	AA	C3002	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC
C853	VCCCCY1HH270J	J 27p	50V Ceramic	AA	C3008	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C860	VCCCCY1HH221J	J 220p	50V Ceramic	AA	C3009	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C861	VCE9PF1CW106M	J 10	16V Elect.(N.P)	AC	C3010	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C864	VCE9PF1CW475M	J 4.7	16V Elect.(N.P)	AC	C3011	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C865	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C3012	VCE9PF1HW225M	J 2.2	50V Elect.(N.P)	AC
C867	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C3013	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C868	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C3014	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C869	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C3015	VCEAPF1HW474M	J 0.47	50V Electrolytic	AB
C870	VCCCCY1HH101J	J 100p	50V Ceramic	AA	C3016	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C871	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C3017	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C872	VCEAPF1HW106M	J 10	50V Electrolytic	AB	C3018	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C873	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C3019	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C874	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C3020	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C875	VCCCCY1HH820J	J 82p	50V Ceramic	AA	C3021	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C876	VCCCCY1HH270J	J 27p	50V Ceramic	AA	C3022	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C877	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C3024	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C878	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	C3028	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA
C879	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C3030	VCEAPF1CW106M	J 10	16V Electrolytic	AB
C880	VCCCCY1HH330J	J 33p	50V Ceramic	AA	C3031	VCE9PF1CW106M	J 10	16V Elect.(N.P)	AC
C881	VCFYFA1HA274J	J 0.27	50V M.Polyester	AD	C3032	VCCCCY1HH100D	J 10p	50V Ceramic	AA
C882	VCEAPF1HW105M	J 1.0	50V Electrolytic	AB	C3033	VCCCCY1HH271J	J 270p	50V Ceramic	AA
C883	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	RESISTORS				
C884	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R301	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
C885	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R303	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
C886	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R305	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C887	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R306	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
C888	VFRED1HM222J	J 2200p	50V M.Polyester	AC	R307	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C889	VCFYEC1CM102J	J 1000p	16V M.Polyester	AC	R308	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C890	VCFYFA1HA274J	J 0.27	50V M.Polyester	AD	R309	VRS-CY1JF473J	J 47k	1/16W Metal Oxide	AA
C891	VCEAPF1CW476M	J 47	16V Electrolytic	AC	R310	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C893	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB	R311	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C901	VCEAPF1CW107M	J 100	16V Electrolytic	AD	R312	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C902	VCEAPF0JW104M	J 100	6.3V Electrolytic	AC	R313	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C903	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R314	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA
C904	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R315	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
C905	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R316	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA
C906	VCE9PF1CW106M	J 10	16V Elect.(N.P)	AC	R317	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
C907	VCEAPF1CW476M	J 47	16V Electrolytic	AC	R318	VRS-CY1JF153J	J 15k	1/16W Metal Oxide	AA
C922	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R319	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C1501	VCEAPF1CW107M	J 100	16V Electrolytic	AD	R320	VRS-TW2ED151J	J 150	1/4W Metal Oxide	AA
C1502	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R321	VRS-TW2ED151J	J 150	1/4W Metal Oxide	AA
C1504	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R322	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
C1505	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R323	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C1506	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R324	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C1507	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R325	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C1508	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R326	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
C1509	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R327	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C1510	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R328	VRS-CY1JF100J	J 10	1/16W Metal Oxide	AA
C1511	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R329	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C1512	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC	R330	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
C1513	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC	R331	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C1514	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC	R332	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C1515	VCKYTV1CF105Z	J 1.0	16V Ceramic	AB	R335	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C1516	RC-EZ0363CEZZ	J 330	6.3V Electrolytic	AC	R336	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C1517	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R337	VRN-CY1JF103D	J 10k	1/16W Metal Film	AA
C1518	VCKYTV1CF105Z	J 1.0	16V Ceramic	AB	R338	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
C1519	VCKYCY1HB222K	J 2200p	50V Ceramic	AA	R339	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA
C1520	VCKYCY1HB153K	J 0.015	50V Ceramic	AA	R340	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
C1521	VCKYTV1CF105Z	J 1.0	16V Ceramic	AB	R341	VRN-CY1JF392D	J 3.9k	1/16W Metal Film	AA
C1522	VCCCCY1HH151J	J 150p	50V Ceramic	AA	R342	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
C1523	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R343	VRS-VV3DB180J	J 18	2W Metal Oxide	AA
C1524	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R344	VRS-VV3DB180J	J 18	2W Metal Oxide	AA
C1525	VCCCCY1EH821J	J 820p	25V Ceramic	AB	R360	VRS-CY1JF122J	J 1.2k	1/16W Metal Oxide	AA
C1526	VCCCCY1EH102J	J 1000p	25V Ceramic	AB	R361	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
C1527	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC	R363	VRS-TW2ED221J	J 220	1/4W Metal Oxide	AA
C1528	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC	R364	VRS-TW2ED221J	J 220	1/4W Metal Oxide	AA
C1529	VCKYCY1AF105Z	J 1.0	10V Ceramic	AC	R366	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
C1530	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R397	VRS-CA1JF000J	J 0	1/16W Metal Oxide	AB
C1531	VCEAPF1CW226M	J 22	16V Electrolytic	AB	R401	VRS-TW2ED750J	J 75	1/4W Metal Oxide	AA
					R402	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
					R403	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
					R404	VRS-CY1JF1R0J	J 1.0	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTK9001WEV3					R850	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
MAIN UNIT (Continued)					R851	VRN-CY1JF391D	J	390	1/16W Metal Film AB
R405	VRS-TW2ED750J	J	75	1/4W Metal Oxide AA	R852	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R406	VRS-CY1JF100J	J	10	1/16W Metal Oxide AA	R853	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R407	VRS-TW2ED750J	J	75	1/4W Metal Oxide AA	R854	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
R408	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R855	VRS-CY1JF221J	J	220	1/16W Metal Oxide AA
R409	VRS-CY1JF273J	J	27k	1/16W Metal Oxide AA	R856	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
R410	VRS-CY1JF123J	J	12k	1/16W Metal Oxide AA	R857	VRS-CY1JF271J	J	270	1/16W Metal Oxide AA
R411	VRS-CY1JF471J	J	470	1/16W Metal Oxide AA	R858	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide AA
R412	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R859	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R413	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R860	VRS-CY1JF562J	J	5.6k	1/16W Metal Oxide AA
R414	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R862	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R415	VRS-CY1JF100J	J	10	1/16W Metal Oxide AA	R863	VRS-CY1JF183J	J	18k	1/16W Metal Oxide AA
R416	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R864	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide AA
R417	VRS-TX2HF680J	J	68	1/2W Metal Oxide AA	R865	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R419	VRS-CY1JF100J	J	10	1/16W Metal Oxide AA	R866	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R420	VRS-TV1JD000J	J	0	1/16W Metal Oxide AA	R867	VRS-CY1JF223J	J	22k	1/16W Metal Oxide AA
R421	VRS-CY1JF000J	J	0	1/16W Metal Oxide AA	R868	VRS-CY1JF223J	J	22k	1/16W Metal Oxide AA
R430	VRS-TV1JD000J	J	0	1/16W Metal Oxide AA	R869	VRS-CY1JF123J	J	12k	1/16W Metal Oxide AA
R431	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide AA	R870	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide AA
R501	VRN-CY1JF752D	J	7.5k	1/16W Metal Film AA	R871	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R502	VRN-CY1JF153D	J	15k	1/16W Metal Film AA	R872	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R504	VRN-CY1JF272D	J	2.7k	1/16W Metal Film AB	R873	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide AA
R505	VRN-CY1JF273D	J	27k	1/16W Metal Film AB	R874	VRS-CY1JF683J	J	68k	1/16W Metal Oxide AA
R506	VRN-CY1JF103D	J	10k	1/16W Metal Film AA	R875	VRS-CY1JF224J	J	220k	1/16W Metal Oxide AA
R507	VRN-CY1JF682D	J	6.8k	1/16W Metal Film AB	R876	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
R508	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide AA	R877	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide AA
R509	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R878	VRS-CY1JF682J	J	6.8k	1/16W Metal Oxide AA
R515	VRS-CY1JF273J	J	27k	1/16W Metal Oxide AA	R879	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide AA
R516	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA	R880	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R517	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA	R881	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide AA
R518	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA	R882	VRN-CY1JF332D	J	3.3k	1/16W Metal Film AA
R519	VRS-CY1JF123J	J	12k	1/16W Metal Oxide AA	R883	VRN-CY1JF152D	J	1.5k	1/16W Metal Film AB
R521	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R884	VRS-CY1JF105J	J	1M	1/16W Metal Oxide AA
R801	VRS-CY1JF331J	J	330	1/16W Metal Oxide AA	R885	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
R802	VRS-TX2HF100J	J	10	1/2W Metal Oxide AA	R886	VRS-CY1JF105J	J	1M	1/16W Metal Oxide AA
R803	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA	R887	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide AA
R804	VRS-TX2HF270J	J	27	1/2W Metal Oxide AB	R888	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide AA
R805	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R889	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide AA
R806	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R890	VRS-CY1JF821J	J	820	1/16W Metal Oxide AA
R807	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R891	VRS-CY1JF122J	J	1.2k	1/16W Metal Oxide AA
R809	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA	R892	VRS-CY1JF273J	J	27k	1/16W Metal Oxide AA
R810	VRS-CY1JF000J	J	0	1/16W Metal Oxide AA	R893	VRS-CY1JF151J	J	150	1/16W Metal Oxide AA
R811	VRS-CY1JF681J	J	680	1/16W Metal Oxide AA	R894	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R812	VRS-CY1JF183J	J	18k	1/16W Metal Oxide AA	R895	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R813	VRS-CY1JF105J	J	1M	1/16W Metal Oxide AA	R896	VRS-CY1JF000J	J	0	1/16W Metal Oxide AA
R814	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R897	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide AA
R815	VRS-TX2HF5R6J	J	5.6	1/2W Metal Oxide AA	R898	VRS-CY1JF271J	J	270	1/16W Metal Oxide AA
R816	VRS-CY1JF104J	J	100k	1/16W Metal Oxide AA	R899	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide AA
R817	VRS-TX2HF4R7J	J	4.7	1/2W Metal Oxide AB	R900	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide AA
R818	VRS-CY1JF334J	J	330k	1/16W Metal Oxide AA	R901	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R819	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA	R902	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
R820	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA	R903	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
R821	VRS-CY1JF473J	J	47k	1/16W Metal Oxide AA	R904	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
R824	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R906	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R827	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R907	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R830	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R908	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R831	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA	R909	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R832	VRS-TX2HF4R7J	J	4.7	1/2W Metal Oxide AB	R910	VRS-CY1JF473J	J	47k	1/16W Metal Oxide AA
R833	VRS-CY1JF391J	J	390	1/16W Metal Oxide AA	R911	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide AA
R834	VRS-CY1JF333J	J	33k	1/16W Metal Oxide AA	R912	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide AA
R835	VRS-CY1JF393J	J	39k	1/16W Metal Oxide AA	R913	VRS-CY1JF273J	J	27k	1/16W Metal Oxide AA
R836	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R914	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R837	VRS-CY1JF564J	J	560k	1/16W Metal Oxide AA	R915	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R838	VRS-CY1JF333J	J	33k	1/16W Metal Oxide AA	R916	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide AA
R839	VRS-CY1JF104J	J	100k	1/16W Metal Oxide AA	R917	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide AA
R840	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide AA	R918	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA
R841	VRS-CY1JF182J	J	1.8k	1/16W Metal Oxide AA	R919	VRS-TX2HF8R2J	J	8.2	1/2W Metal Oxide AA
R842	VRN-CY1JF153D	J	15k	1/16W Metal Film AA	R920	VRS-TX2HF100J	J	10	1/2W Metal Oxide AA
R845	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R921	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R846	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R923	VRS-CY1JF103J	J	10k	1/16W Metal Oxide AA
R847	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R924	VRS-CY1JF122J	J	1.2k	1/16W Metal Oxide AA
R848	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide AA	R925	VRS-CY1JF121J	J	120	1/16W Metal Oxide AA
R849	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide AA	R929	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
					R930	VRS-CY1JF101J	J	100	1/16W Metal Oxide AA
					R932	VRS-CY1JF000J	J	0	1/16W Metal Oxide AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTK9001WEV3									
MAIN UNIT (Continued)									
R933	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA	R3009	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R935	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA	R3010	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R936	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA	R3011	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R937	VRS-CA1JF101J	J	100 1/16W Metal Oxide	AA	R3012	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R938	VRS-CB1JF152J	J	1.5k 1/16W Metal Oxide	AC	R3013	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R939	VRS-CB1JF681J	J	680 1/16W Metal Oxide	AC	R3014	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R940	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA	R3016	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1501	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R3017	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1502	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R3018	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1503	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R3019	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1504	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA	R3020	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1505	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA	R3021	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1506	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA	R3022	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1508	VRS-CY1JF124J	J	120k 1/16W Metal Oxide	AA	R3025	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1509	VRS-CY1JF124J	J	120k 1/16W Metal Oxide	AA	R3026	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1511	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA	R3028	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R1512	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA	R3031	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R1513	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA	R3033	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1514	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA	R3039	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R1515	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	R3040	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R1516	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA	R3041	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R1517	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	R3042	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1518	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA	R3043	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R1519	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA	R3044	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R1520	VRS-CY1JF243F	J	24k 1/16W Metal Oxide	AA	R3045	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R1521	VRS-CY1JF243F	J	24k 1/16W Metal Oxide	AA	R3054	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1522	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	R3061	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1523	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA	R3062	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1524	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	R3064	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1525	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA	R3065	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1526	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA	R3066	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1527	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA	R3067	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1528	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	R3074	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1529	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA	R3080	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1530	VRS-CY1JF105J	J	1M 1/16W Metal Oxide	AA	R3081	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1531	VRS-CY1JF105J	J	1M 1/16W Metal Oxide	AA	R3082	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R1532	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA	R3083	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R1533	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	R3084	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1534	VRS-CY1JF272F	J	2.7k 1/16W Metal Oxide	AA	R3085	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R1535	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA	R3086	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R1538	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	R3087	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R1539	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA	R3088	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1540	VRS-CY1JF124J	J	120k 1/16W Metal Oxide	AA	SWITCH				
R1541	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	S801	QSW-K0065GEZZ	J	Switch	AC
R1542	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA	MISCELLANEOUS PARTS				
R1543	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA	FB301	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1544	VRN-CY1JF272D	J	2.7k 1/16W Metal Film	AB	FB302	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1546	VRN-CY1JF123D	J	12k 1/16W Metal Film	AB	FB303	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1547	VRS-CY1JF185J	J	1.8M 1/16W Metal Oxide	AE	FB304	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1548	VRS-CY1JF185J	J	1.8M 1/16W Metal Oxide	AE	FB305	RBLN-0059CEZZ	J	Ferrite Bead	AB
R1549	VRS-CY1JF185J	J	1.8M 1/16W Metal Oxide	AE	FB306	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1551	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA	FB307	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1552	VRS-TV1JD5R6J	J	5.6 1/16W Metal Oxide	AA	FB308	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1553	VRS-TX2HF681J	J	680 1/2W Metal Oxide	AA	FB309	RBLN-0062TAZZ	J	Ferrite Bead	AB
R1554	VRS-TX2HF681J	J	680 1/2W Metal Oxide	AA	FB401	RBLN-0063TAZZ	J	Ferrite Bead	AB
R1555	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA	FB422	RBLN-0063TAZZ	J	Ferrite Bead	AB
R1556	VRS-TV1JD5R6J	J	5.6 1/16W Metal Oxide	AA	FB423	RBLN-0063TAZZ	J	Ferrite Bead	AB
R1557	VRS-TX2HF681J	J	680 1/2W Metal Oxide	AA	FB424	RBLN-0063TAZZ	J	Ferrite Bead	AB
R1558	VRS-TX2HF681J	J	680 1/2W Metal Oxide	AA	J301	QJAKJ0047CEZZ	J	Headphone Jack	AD
R1559	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA	J401	QSOCN0432CEZZ	J	S-Video Terminal	AE
R1560	VRS-TV1JD5R6J	J	5.6 1/16W Metal Oxide	AA	J402	QJAKG0037CEZZ	J	A/V Input Jack	AF
R1561	VRS-TX2HF681J	J	680 1/2W Metal Oxide	AA	P301	QPLGN0278GEZZ	J	Plug 2-Pin (SP)	AA
R1562	VRS-CY1JF394J	J	390k 1/16W Metal Oxide	AA	P803	QPLGN0864TAZZ	J	Plug 8-Pin	AD
R1563	VRS-CA1JF563J	J	56k 1/16W Metal Oxide	AA	P904	QPLGN0179FJZZ	J	Plug 7-Pin (EB)	AD
R1565	VRS-TX2HF681J	J	680 1/2W Metal Oxide	AA	SC402	QSOCN3078TAZZ	J	Socket 30-Pin (TA)	AE
R3001	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA	SC1501	QSOCN0199FJZZ	J	Socket 20-Pin (CA)	AE
R3002	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA		QCNW-5036CEZZ	J	Cable	AM
R3003	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA					
R3004	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA					
R3006	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA					
R3007	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA					
R3008	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA					

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTK9002WEV3					C2039	VCEAPX0JW337M	J 330	6.3V Electrolytic	AD
SUB UNIT					RESISTORS				
INTEGRATED CIRCUITS					R2002	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
IC2001	RH-iX0602PEZZ	R	M37207MF-131FP	BB	R2004	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
IC2002	VHi24LC2BiN-1	J	24LC02B-I/SN	AG	R2005	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
IC2003	VHiPST529CM-1	J	PST529CMT	AE	R2007	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
IC2004	VHiNJU7002M-1	J	NJU7002M	AL	R2008	VRS-TX2HF820J	J 82	1/2W Metal Oxide	AB
IC2005	VHiM62352GP-1	J	M62352GP	AQ	R2009	VRS-CB1JF681J	J 680	1/16W Metal Oxide	AC
IC2006	VHiNJM2903M-1	J	NJM2903M	AF	R2010	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
TRANSISTORS					R2011	VRS-CY1JF154J	J 150k	1/16W Metal Oxide	AA
Q2001	VS2SC5384C/-1	J	2SC5384C	AB	R2012	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
Q2002	VS2SC5384C/-1	J	2SC5384C	AB	R2013	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
Q2003	VS2SC3198-G-1	J	2SC3198(G)	AA	R2014	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
Q2004	VS2SC5384C/-1	J	2SC5384C	AB	R2015	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
Q2005	VS2SC5384C/-1	J	2SC5384C	AB	R2016	VRN-CY1JF273D	J 27k	1/16W Metal Film	AB
Q2006	VSRT1N141U/-1	J	RT1N141U	AB	R2017	VRN-CY1JF563D	J 56k	1/16W Metal Film	AB
Q2008	VS2SA1989R/-1	J	2SA1989R	AB	R2018	VRS-CY1JF824J	J 820k	1/16W Metal Oxide	AA
Q2009	VSRT1N241U/-1	J	RT1N241U	AB	R2019	VRN-CY1JF682D	J 6.8k	1/16W Metal Film	AB
Q2010	VS2SC5384C/-1	J	2SC5384C	AB	R2020	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
Q2011	VS2SA1989R/-1	J	2SA1989R	AB	R2021	VRS-CA1JF102J	J 1.0k	1/16W Metal Oxide	AA
Q2012	VSRT1P441U/-1	J	RT1P441U	AB	R2023	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
DIODES					R2024	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
D2001	RH-EX0515CEZZ	J	Zener Diode 5.1V	AB	R2025	VRS-CA1JF331J	J 330	1/16W Metal Oxide	AA
D2002	VHDDAN202K/-1	J	Diode	AB	R2029	VRS-CA1JF101J	J 100	1/16W Metal Oxide	AA
D2004	VHDDAN202K/-1	J	Diode	AB	R2031	VRS-CA1JF102J	J 1.0k	1/16W Metal Oxide	AA
D2005	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB	R2033	VRS-CA1JF562J	J 5.6k	1/16W Metal Oxide	AA
D2006	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB	R2035	VRS-CY1JF513F	J 51k	1/16W Metal Oxide	AA
D2007	RH-EX0251CEZZ	J	Zener Diode 6.2V	AB	R2036	VRS-CY1JF222J	J 2.2k	1/16W Metal Oxide	AA
D2008	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2037	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
D2009	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2038	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
D2010	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2039	VRS-CY1JF163F	J 16k	1/16W Metal Oxide	AA
D2011	VHDDAN202K/-1	J	Diode	AB	R2040	VRS-CY1JF163F	J 16k	1/16W Metal Oxide	AA
D2012	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2041	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
D2013	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2042	VRS-CB1JF102J	J 1.0k	1/16W Metal Oxide	AA
D2014	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2043	VRS-CY1JF275J	J 2.7M	1/16W Metal Oxide	AA
D2015	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2045	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
D2016	RH-EX0734CEZZ	J	Zener Diode 12V	AD	R2048	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
FILTER AND COILS					R2049	VRS-CB1JF331J	J 330	1/16W Metal Oxide	AC
CF2001	RFILC0406CEZZ	J	Ceramic Filter	AD	R2052	VRS-CY1JF824J	J 820k	1/16W Metal Oxide	AA
L2001	VPAWM100J2R6N	J	Peaking 10µH	AC	R2055	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
L2003	RCiLB0122CEZZ	J	Oscillation Coil	AF	R2056	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
CAPACITORS					R2057	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
C2004	VCEAPF1CW476M	J 47	16V Electrolytic	AC	R2058	VRS-CB1JF331J	J 330	1/16W Metal Oxide	AC
C2005	VCEAPX0JW337M	J 330	6.3V Electrolytic	AD	R2059	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C2006	VCEAPX0JW337M	J 330	6.3V Electrolytic	AD	R2060	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
C2007	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R2061	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2009	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R2063	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
C2011	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R2064	VRS-CY1JF392J	J 3.9k	1/16W Metal Oxide	AA
C2012	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R2065	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
C2013	VCCCCY1HH270J	J 27p	50V Ceramic	AA	R2066	VRS-CY1JF513F	J 51k	1/16W Metal Oxide	AA
C2014	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R2067	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
C2015	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R2071	VRS-CA1JF102J	J 1.0k	1/16W Metal Oxide	AA
C2016	VCEAPF1HW335M	J 3.3	50V Electrolytic	AB	R2074	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2017	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R2075	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2018	VCEAPF1CW106M	J 10	16V Electrolytic	AB	R2076	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C2021	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R2077	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA
C2022	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R2079	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
C2023	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R2080	VRS-CB1JF392J	J 3.9k	1/16W Metal Oxide	AC
C2024	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R2081	VRS-CA1JF562J	J 5.6k	1/16W Metal Oxide	AA
C2025	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R2083	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
C2026	VCEAPX0JW337M	J 330	6.3V Electrolytic	AD	R2084	VRS-CY1JF123J	J 12k	1/16W Metal Oxide	AA
C2027	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC	R2085	VRS-CB1JF102J	J 1.0k	1/16W Metal Oxide	AA
C2028	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R2093	VRS-CY1JF561J	J 560	1/16W Metal Oxide	AA
C2032	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R2094	VRS-CY1JF563J	J 56k	1/16W Metal Oxide	AA
C2033	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R2096	VRS-CY1JF154J	J 150k	1/16W Metal Oxide	AA
C2035	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R2097	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2036	VCCCCY1HH101J	J 100p	50V Ceramic	AA	R2098	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2037	VCCCCY1HH101J	J 100p	50V Ceramic	AA	R2101	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
C2038	VCCCCY1HH101J	J 100p	50V Ceramic	AA	R2102	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
					R2103	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
					R2104	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
					R2105	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
					R2106	VRS-CY1JF273J	J 27k	1/16W Metal Oxide	AA
					R2107	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
					R2110	VRS-TW2ED750J	J 75	1/4W Metal Oxide	AA

Ref. No. Part No. ★ Description Code
DUNTK9002WEV3
SUB UNIT(Continued)

R2111	VRS-TW2ED750J	J 75	1/4W Metal Oxide	AA
R2112	VRS-TW2ED750J	J 75	1/4W Metal Oxide	AA
R2113	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2114	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2115	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2116	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2117	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2118	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2119	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R2120	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R2121	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R2125	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2126	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2127	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
R2128	VRS-CY1JF105J	J 1M	1/16W Metal Oxide	AA
R2129	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2130	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA
R2131	VRS-TW2ED561J	J 560	1/4W Metal Oxide	AA
R2133	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R2134	VRN-CY1JF393D	J 39k	1/16W Metal Film	AB
R2136	VRN-CY1JF563D	J 56k	1/16W Metal Film	AB
R2139	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R2141	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R2142	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R2143	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R2144	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R2145	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
R2146	VRS-CA1JF102J	J 1.0k	1/16W Metal Oxide	AA
R2147	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
R2148	VRS-CY1JF185J	J 1.8M	1/16W Metal Oxide	AE
R2503	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
R2504	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA

SWITCH

S2001	QSW-K0065GEZZ	J	Key Switch	AC
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MISCELLANEOUS PARTS

FB2001	RBLN-0060CEZZ	J	Ferrite Bead	AC
FB2050	RBLN-0062TAZZ	J	Ferrite Bead	AB
J2001	QJAKG0046CEZZ	J	Video Input Jack	AG
J2002	QJAKF0051CEZZ	J	Audio Input Jack	AE
P2001	QPLGN0174FJZZ	J	Plug 2-Pin (LL)	AC
P2002	QPLGN0174FJZZ	J	Plug 2-Pin (LF)	AC
P2003	QPLGN0180FJZZ	J	Plug 8-Pin (EA)	AD
P2004	QPLGN0395FJZZ	J	Plug 2-Pin (U)	AC
P2005	QPLGN0174FJZZ	J	Plug 2-Pin (Q)	AC
P2007	QPLGN0564TAZZ	J	Plug 5-Pin (FA)	AC
P2010	QPLGN0175FJZZ	J	Plug 3-Pin (D)	AD
P2011	QPLGN0320REZZ	J	Plug 3-Pin (RA)	AA
P2012	QPLGN1463TAZZ	J	Plug 14-Pin (TB)	AE
SC2002	QSOCN3078TAZZ	J	Socket 30-Pin (TA)	AE
SC2004	QSOCN1040TAZZ	J	Socket 10-Pin (KE)	AF

Ref. No. Part No. ★ Description Code
DUNTK9003WEV3
CONTROL UNIT

INTEGRATED CIRCUITS

IC1603	VHiTC4W53F/-1	J	TC4W53F	AE
IC1606	VHiETM3070T-1	J	ETM3070T0A	AX
IC1607	VHiTC4SU11F-1	J	TC4SU11F	AD
IC1608	VHiTC4SU11F-1	J	TC4SU11F	AD
IC1611	VHiNJM2107F-1	J	NJM2107F	AE

TRANSISTOR

Q1601	VSDTC144EK/-1	J	DTC144EK	AB
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DIODES

D1602	VHD1SV217// -1	J	Diode	AB
D1603	VHD1SV217// -1	J	Diode	AB

COILS

L1601	VP-1M3R9J1R0N	J	Peaking 3.9µH	AC
L1602	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB

CONTROLS

R1402	RVR-M8001TAZZ	J	4.7k (B)	AC
R1602	RVR-M7905TAZZ	J	47k (B)	AC
R1616	RVR-M7905TAZZ	J	47k (B)	AC

CAPACITORS

C1401	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB
C1601	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C1604	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C1605	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C1607	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C1610	VCKYCY1HB102K	J	1000p 50V Ceramic	AA
C1611	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C1612	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C1613	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C1614	VCKYTV1EF104Z	J	0.1 25V Ceramic	AB
C1615	VCKYTV1EF104Z	J	0.1 25V Ceramic	AB
C1616	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C1617	VCKYTV1EF104Z	J	0.1 25V Ceramic	AB
C1618	VCEAPF1CW336M	J	33 16V Electrolytic	AB
C1619	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1620	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1622	VCKYTV1EF104Z	J	0.1 25V Ceramic	AB
C1623	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C1624	VCCCCY1HH561J	J	560p 50V Ceramic	AB

RESISTORS

R1401	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R1403	VRS-CY1JF183J	J	18k 1/16W Metal Oxide	AA
R1601	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R1603	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R1604	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1605	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1606	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1608	VRS-CY1JF183J	J	18k 1/16W Metal Oxide	AA
R1609	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA
R1610	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R1611	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R1612	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R1613	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1614	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R1615	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1617	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R1618	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1619	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R1620	VRS-CY1JF105J	J	1M 1/16W Metal Oxide	AA
R1625	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1635	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R1636	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R1637	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R1640	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1642	VRS-CY1JF105J	J	1M 1/16W Metal Oxide	AA
R1643	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
DUNTK9003WEV3				
CONTROL UNIT(Continued)				

R1644	VRS-CY1JF221J	J	220	1/16W Metal Oxide	AA
R1645	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R1646	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R1648	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R1650	VRS-CB1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1651	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1653	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R1654	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB1652	RBLN-0051TAZZ	J		Ferrite Bead	AC
FB1654	RBLN-0051TAZZ	J		Ferrite Bead	AC
FB1655	RBLN-0051TAZZ	J		Ferrite Bead	AC
P1401	QPLGN0664TAZZ	J		Plug 6-Pin	AD
SC1401	QSOCN0352FJZZ	J		Socket 26-Pin (LD)	AE
SC1601	QSOCN0224FJZZ	J		Socket 20-Pin (CA)	AE

Ref. No.	Part No.	★	Description	Code
DUNTK9689DE04				
R/C RECEIVER UNIT				

CAPACITORS

C2501	VCEAPF0JW107M	J	100	6.3V Electrolytic	AC
C2502	VCKYCY1HB102K	J	1000p	50V Ceramic	AA
C2503	VCKYCY1CF104Z	J	0.1	16V Ceramic	AA

RESISTORS

R2501	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R2502	VRS-CY1JF220J	J	22	1/16W Metal Oxide	AA
R2506	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

P2501	QPLGN0364TAZZ	J		Plug 3-Pin (RA)	AC
RMC2502	RRMCU0229CEZZ	J		R/C Receiver	AH
	PSLDC0001PEFW	R		Shield Case	AD

Ref. No.	Part No.	★	Description	Code
RUNTK0624CEZZ				
OPERATION KEY UNIT				

DIODES

LED1	93G0276-700020	J		Red LED, Temperature Warning Indicator	AE
LED2	93G0025-110010	J		Red/Green LED, Lamp Replacement Indicator	AF
LED3	93G0025-110010	J		Red/Green LED, Power Indicator	AF
LED4	93G0276-700020	J		Red LED, Power ON/OFF	AE
LED5	93G0276-700020	J		Red LED, Volume Up	AE
LED6	93G0276-700020	J		Red LED, Volume Down	AE
LED7	93G0276-700020	J		Red LED, Menu	AE
LED8	93G0276-700020	J		Red LED, Adjustment ▲	AE
LED9	93G0276-700020	J		Red LED, Adjustment ▼	AE
LED10	93G0276-700020	J		Red LED, Enter	AE

RESISTORS

R1	93G3060022180	J	220	1/8W	AB
R2	93G3060020380	J	20k	1/8W	AB
R3	93G3060036380	J	36k	1/8W	AB
R4	93G3060022180	J	220	1/8W	AB
R5	93G3060022180	J	220	1/8W	AB
R6	93G3060022180	J	220	1/8W	AB
R7	93G3060020380	J	20k	1/8W	AB
R8	93G3060022180	J	220	1/8W	AB
R9	93G3060022180	J	220	1/8W	AB
R10	93G3060022180	J	220	1/8W	AB
R11	93G3060036380	J	36k	1/8W	AB
R12	93G3060091380	J	91k	1/8W	AB

MISCELLANEOUS PARTS

93G0027-700010	J			Case	AG
93G0027-740020	J			Rubber Key	AV
93G0027-090010	J			FFC, 10-pin, L=155mm	AE

Ref. No.	Part No.	★	Description	Code
RDENC0272CEZZ				
POWER UNIT				
INTEGRATED CIRCUITS				
△ IC701	95KUCH0078ZZ	J	HIC, M67209	AM
IC702	95KUCC0043SK	J	TA76431S	AE
IC703	95KUCB0188AZ	J	UPC78N15H-2	AH
IC704	95KUCB0204AZ	J	RA1221AA	AM
IC705	95KUCB0144AZ	J	RA1211AA	AK
IC706	95KUCB0156AZ	J	UPC24M08AHF	AM
TRANSISTORS				
Q701	95KUAC0234AG	J	2SC3866	AM
Q702	95KUAC0243AK	J	2SC3266	AC
Q703	95KUAC0243AK	J	2SC3266	AC
Q704	95KUAY0013AK	J	2SC1623	AB
Q705	95KUAB0010CZ	J	2SB744	AF
Q706	95KUAB0010CZ	J	2SB744	AF
Q707	95KUAY0013AK	J	2SC1623	AB
Q708	95KUAY0013AK	J	2SC1623	AB
Q709	95KUAY0013AK	J	2SC1623	AB
DIODES				
D701	95KUBA0005KZ	J	Diode 1SS55	AB
D702	95KUBC0221AK	J	Diode ERA18-02	AC
D703	95KUBC0248AK	J	Diode 05NU42	AC
D704	95KUBC0248AK	J	Diode 05NU42	AC
D705	95KUBC0125DK	J	Diode ERA15-06	AB
D706	95KUBY0020AK	J	Diode 1SS355TE	AC
D707	95KUBA0005KZ	J	Diode 1SS55	AB
D708	95KUBY0020AK	J	Diode 1SS355TE	AC
D709	95KUBC0264BC	J	Diode ERB32-02	AC
D710	95KUBC0264BC	J	Diode ERB32-02	AC
D711	95KUBC0087BC	J	Diode ERC81-006	AG
D712	95KUBC0265BB	J	Diode ERD32-02	AF
D713	95KUBC0265BB	J	Diode ERD32-02	AF
D714	95KUBY0020AK	J	Diode 1SS355TE	AC
D715	95KUBA0005KZ	J	Diode 1SS55	AB
D716	95KUBA0005KZ	J	Diode 1SS55	AB
D717	95KUBA0005KZ	J	Diode 1SS55	AB
D718	95KUBA0005KZ	J	Diode 1SS55	AB
D719	95KUBY0020AK	J	Diode 1SS355TE	AC
D720	95KUBY0020AK	J	Diode 1SS355TE	AC
D721	95KUBY0020AK	J	Diode 1SS355TE	AC
D722	95KUBC0127EA	J	Diode ERB38-05	AF
D723	95KUBC0127EA	J	Diode ERB38-05	AF
D724	95KUBC0127EA	J	Diode ERB38-05	AF
D725	95KUBC0127EA	J	Diode ERB38-05	AF
ZD701	95KUBDAK3R9C	J	Zener Diode RD3.9ESAB2	AC
ZD703	95KUBDAK180C	J	Zener Diode RD18ESAB2	AB
THY701	95KUDA0084ZZ	J	Thyristor CR04AM-12	AG
PACKAGED CIRCUITS				
△ PC701	95KUDC0163BB	J	Photo Coupler PC123FY8	AH
△ PC702	95KUDC0163BB	J	Photo Coupler PC123FY8	AH
△ PC703	95KUDC0163BB	J	Photo Coupler PC123FY8	AH
△ PC704	95KUDC0163BB	J	Photo Coupler PC123FY8	AH
TRANSFORMER				
△ T701	95K829295042	J	Trans. PTTX45	BB
CAPACITORS				
C701	95KUGZ1154ZZ	J	47 400V Electrolytic	AZ
C702	95KUGFQ103FB	J	0.01 400V Film	AC
C703	95KUGCU221AK	J	220p 1kV Ceramic	AC
C704	95KUGXAED473	J	0.047 25V Ceramic (Chip)	AB
C705	95KUGAF220RV	J	22 50V Electrolytic	AD
C706	95KUGXALF101	J	100p 50V Ceramic (Chip)	AC
C707	95KUGXAED473	J	0.047 25V Ceramic (Chip)	AB
C708	95KUGXAED473	J	0.047 25V Ceramic (Chip)	AB
C709	95KUGXAEF103	J	0.01 50V Ceramic (Chip)	AB
C710	95KUGCU471AK	J	470p 1kV Ceramic	AB
C711	95KUGAE181TR	J	180 35V Electrolytic	AD
△ C712	95KUGCZ222CX	J	2200p AC250V Ceramic	AD

Ref. No.	Part No.	★	Description	Code
△ C713	95KUGCZ222CX	J	2200p AC250V Ceramic	AD
C714	95KUGAE820TR	J	82 35V Electrolytic	AD
C715	95KUGAD390TR	J	39 25V Electrolytic	AD
C716	95KUGAC471TS	J	470 16V Electrolytic	AF
C717	95KUGAD471TS	J	470 25V Electrolytic	AF
C718	95KUGAD102DC	J	1000 25V Electrolytic	AF
C719	95KUGAD102DC	J	1000 25V Electrolytic	AF
C720	95KUGAD821UL	J	820 25V Electrolytic	AF
C721	95KUGAD121TR	J	120 25V Electrolytic	AD
C722	95KUGAD471TS	J	470 25V Electrolytic	AF
C723	95KUGCU102BV	J	1000p 1kV Ceramic	AC
C724	95KUGCU102BV	J	1000p 1kV Ceramic	AC
C725	95KUGCU102BV	J	1000p 1kV Ceramic	AC
C726	95KUGCU102BV	J	1000p 1kV Ceramic	AC
C727	95KUGFF473BQ	J	0.047 50V Film	AB
C728	95KUGXAEF103	J	0.01 50V Ceramic (Chip)	AB
RESISTORS				
R701	95KUEEC474CH	J	470k 1/2W Carbon	AC
R702	95KUEEC474CH	J	470k 1/2W Carbon	AC
R703	95KUEFE563CW	J	56k 2W Metal Film	AC
R704	95KUEFE563CW	J	56k 2W Metal Film	AC
R705	95KUEEC823CH	J	82k 1/2W Carbon	AB
R706	95KUEEC823CH	J	82k 1/2W Carbon	AB
R707	95KUEEC823CH	J	82k 1/2W Carbon	AB
R708	95KUEEC563CH	J	56k 1/2W Carbon	AB
R709	95KUEEC563CH	J	56k 1/2W Carbon	AB
R710	95KUEEB470DC	J	47 1/4W Carbon	AB
R711	95KUEEC820CH	J	82 1/2W Carbon	AB
R712	95KUEEC820CH	J	82 1/2W Carbon	AB
R713	95KUEEC820CH	J	82 1/2W Carbon	AB
R714	95KUEFC561BQ	J	560 1/4W Metal Film	AB
R715	95KUEFC561BQ	J	560 1/4W Metal Film	AB
R716	95KUEXCAS103	J	10k 1/10W Chip	AB
R717	95KUEXCAS103	J	10k 1/10W Chip	AB
R718	95KUEXCAS102	J	1k 1/10W Chip	AB
R719	95KUEEB472DC	J	4.7k 1/4W Carbon	AB
R720	95KUEXCAS153	J	15k 1/10W Chip	AB
R721	95KUEXCAS391	J	270 1/10W Chip	AB
R722	95KUEXCAS102	J	1k 1/10W Chip	AB
R723	95KUEEC222CH	J	2.2k 1/2W Carbon	AB
△ R724	95KUEZ0608ZZ	J	3.9M 1/2W Solid	AD
△ R725	95KUEZ0608ZZ	J	3.9M 1/2W Solid	AD
R726	95KUEXCAS102	J	1k 1/10W Chip	AB
R728	95KUEXCAS561	J	560 1/10W Chip	AB
R729	95KUEXCAS561	J	560 1/10W Chip	AB
R730	95KUEXCAS103	J	10k 1/10W Chip	AB
R731	95KUEYAQ5601	J	5.6k 1/10W Chip	AC
R732	95KUEYAQ2041	J	2k 1/10W Chip	AB
R733	95KUEYAQ4701	J	4.7k 1/10W Chip	AB
R734	95KUEEB103DC	J	10k 1/4W Carbon	AB
R735	95KUEEB103DC	J	10k 1/4W Carbon	AB
R736	95KUEEC272CH	J	2.7k 1/2W Carbon	AB
R737	95KUEFER47BA	J	0.47 2W Metal Film	AD
R738	95KUEEB103DC	J	10k 1/4W Carbon	AB
R739	95KUEEB103DC	J	10k 1/4W Carbon	AB
R740	95KUEFE4R7AW	J	4.7 2W Metal Film	AB
R741	95KUEEC272CH	J	2.7k 1/2W Carbon	AB
R742	95KUEXCAS102	J	1k 1/10W Chip	AB
R743	95KUEXCAS182	J	1.8k 1/10W Chip	AB
R744	95KUEXCAS223	J	22k 1/10W Chip	AB
R745	95KUEXCAS223	J	22k 1/10W Chip	AB
R746	95KUEXCAS182	J	1.8k 1/10W Chip	AB
R747	95KUEXCAS223	J	22k 1/10W Chip	AB
R748	95KUEXCAS223	J	22k 1/10W Chip	AB
R753	95KUEEC103CH	J	10k 1/2W Carbon	AB
R768	95KUEEB222DC	J	2.2k 1/4W Carbon	AB
R769	95KUEXCAS222	J	2.2k 1/10W Chip	AB
R770	95KUEXCAS102	J	1k 1/10W Chip	AB
R771	95KUEEC272CH	J	2.7k 1/2W Carbon	AB
R773	95KUEEB100AD	J	10 1/4W	AB
MISCELLANEOUS PARTS				
CN701	95KPKZ0196ZZ	J	Base Pin, 4-pin (PL)	AC
	95KPKZ0528ZZ	J	Connector, 8-pin (EA)	AD

Ref. No. Part No. ★ Description Code

RDENC0272CEZZ
POWER UNIT(Continued)

95KPKZ0527ZZ	J	Connector, 7-pin (EB)	AC
95KPKZ0540ZZ	J	Connector, 4-pin (FA)	AB
95KPKZ0541ZZ	J	Connector, 3-pin (FB)	AB
95KECB7756ZZ	J	Connecting Cord	AP

Ref. No. Part No. ★ Description Code

DSETU1796FMV3
POWER UNIT

INTEGRATED CIRCUITS

△ IC701	VHiM67209//-1	J	M67209	AT
△ IC702	VHiTA76431S-1	J	TA76431S	AD
△ IC703	RH-iX0155CEZZ	J	UPC78M15H	AE
△ IC704	RH-iX1843CEZZ	J	PQ12RF1	AF
△ IC705	VHiPQ12RF11-1	J	PQ12RF11	AK
△ IC706	RH-iX3339CEZZ	J	UPC24M08AHF	AL
△ IC707	RH-FX0008GEZZ	J	PC123FY8	AE
△ IC708	RH-FX0008GEZZ	J	PC123FY8	AE
△ IC709	RH-FX0008GEZZ	J	PC123FY8	AE
△ IC710	RH-FX0008GEZZ	J	PC123FY8	AE

TRANSISTORS

△ Q701	VS2SC3866MR-1	J	2SC3866MR	AM
Q702	VS2SC3266//-1	J	2SC3266	AF
Q703	VS2SC3266//-1	J	2SC3266	AF
Q704	VS2SC1623L51E	J	2SC1623	AB
Q705	VS2SB744-Q/-1	J	2SB744(Q)	AE
Q706	VS2SB744-Q/-1	J	2SB744(Q)	AE
Q707	VS2SC1623L51E	J	2SC1623	AB
Q708	VS2SC1623L51E	J	2SC1623	AB
Q709	VS2SC1623L51E	J	2SC1623	AB

DIODES

D701	RH-DX0161CEZZ	J	Diode	AC
D702	VHDERA1802/-1	J	Diode	AB
D703	VHD05NU42//-1	J	Diode	AF
D704	VHD05NU42//-1	J	Diode	AF
D705	RH-DX0220CEZZ	J	Diode	AB
D706	VHD1SS355//-1	J	Diode	AB
D707	RH-DX0161CEZZ	J	Diode	AC
D708	VHD1SS355//-1	J	Diode	AB
△ D709	RH-DX0102PEZZ	R	Diode	AD
△ D710	RH-DX0102PEZZ	R	Diode	AD
△ D711	RH-DX0103PEZZ	R	Diode	AF
△ D712	RH-DX0104PEZZ	R	Diode	AF
△ D713	RH-DX0104PEZZ	R	Diode	AF
D714	VHD1SS355//-1	J	Diode	AB
D715	RH-DX0161CEZZ	J	Diode	AC
D716	RH-DX0161CEZZ	J	Diode	AC
D717	RH-DX0161CEZZ	J	Diode	AC
D718	RH-DX0161CEZZ	J	Diode	AC
D719	VHD1SS355//-1	J	Diode	AB
D720	VHD1SS355//-1	J	Diode	AB
D721	VHD1SS355//-1	J	Diode	AB
D722	RH-DX0105PEZZ	R	Diode	AD
D723	RH-DX0105PEZZ	R	Diode	AD
D724	RH-DX0105PEZZ	R	Diode	AD
D725	RH-DX0105PEZZ	R	Diode	AD
D726	RH-EX0502PEZZ	R	Zener Diode	AB
D727	RH-EX0503PEZZ	R	Zener Diode	AB
D728	VHSCR04AM//-1	J	Diode	AF

TRANSFORMER

△ T701	RTRNZ0171PEZZ	R	Transformer	BB
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CAPACITORS

C701	RC-EZ0403CEZZ	J	47	400V Electrolytic	AN
C702	VCFYJU2GA103K	J	0.01	400V Film	AD
△ C703	VCKYPA3AB221K	J	220p	1kV Ceramic	AC
C704	VCKYTV1HB473K	J	0.047	50V Ceramic	AA
C705	VCEAVA1HN226M	J	22	50V Electrolytic	AB
C706	VCCCTV1HH101J	J	100p	50V Ceramic	AA
C707	VCKYTV1HB473K	J	0.047	50V Ceramic	AA
C708	VCKYTV1HB473K	J	0.047	50V Ceramic	AA
C709	VCKYTV1HB103K	J	0.01	50V Ceramic	AA
△ C710	RC-KZ0382CEZZ	J	470p	1kV Ceramic	AC
C711	RC-EZ1280CEZZ	J	180	35V Electrolytic	AD
△ C712	RC-KZ0091GEZZ	J	2200p	AC250V Ceramic	AC
△ C713	RC-KZ0091GEZZ	J	2200p	AC250V Ceramic	AC
C714	RC-EZ1281CEZZ	J	82	35V Electrolytic	AC

Ref. No.	Part No.	★	Description	Code
DSETU1796FMV3				
POWER UNIT(Continued)				
C715	RC-EZ1282CEZZ	J 39	25V Electrolytic	AC
C716	RC-EZ1315CEZZ	J 470	16V Electrolytic	AF
C717	RC-EZ1097CEZZ	J 470	25V Electrolytic	AF
C718	VCEAVA1EN108M	J 1000	25V Electrolytic	AD
C719	VCEAVA1EN108M	J 1000	25V Electrolytic	AD
C720	RC-EZ1314CEZZ	J 820	25V Electrolytic	AF
C721	RC-EZ1284CEZZ	J 120	25V Electrolytic	AD
C722	RC-EZ1097CEZZ	J 470	255V Electrolytic	AF
△ C723	RC-KZ1026CEZZ	J 1000p	1kV Ceramic	AC
△ C724	RC-KZ1026CEZZ	J 1000p	1kV Ceramic	AC
△ C725	RC-KZ1026CEZZ	J 1000p	1kV Ceramic	AC
△ C726	RC-KZ1026CEZZ	J 1000p	1kV Ceramic	AC
C727	RC-QZA473TAYK	J 0.047	50V Film	AB
C728	VCKYTV1HB103K	J 0.01	50V Ceramic	AA

RESISTORS

R701	VRD-RM2HD474J	J 470k	1/2W Carbon	AB
R702	VRD-RM2HD474J	J 470k	1/2W Carbon	AB
R703	RR-SZ0072CEZZ	J 56k	2W Carbon	AC
R704	RR-SZ0072CEZZ	J 56k	2W Carbon	AC
R705	VRD-RM2HD823J	J 82k	1/2W Carbon	AA
R706	VRD-RM2HD823J	J 82k	1/2W Carbon	AA
R707	VRD-RM2HD823J	J 82k	1/2W Carbon	AA
R708	VRD-RM2HD563J	J 56k	1/2W Carbon	AA
R709	VRD-RM2HD563J	J 56k	1/2W Carbon	AA
R710	VRD-RA2BE470J	J 47	1/8W Carbon	AA
R711	VRD-RM2HD820J	J 82	1/2W Carbon	AA
R712	VRD-RM2HD820J	J 82	1/2W Carbon	AA
R713	VRD-RM2HD820J	J 82	1/2W Carbon	AA
R714	RR-SZ0079CEZZ	J 560	1/2W Metal Film	AC
R715	RR-SZ0079CEZZ	J 560	1/2W Metal Film	AC
R716	VRS-TV1JD103J	J 10k	1/10W Metal Oxide	AA
R717	VRS-TV1JD103J	J 10k	1/10W Metal Oxide	AA
R718	VRS-TV1JD102J	J 1.0k	1/10W Metal Oxide	AA
R719	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA
R720	VRS-TV1JD153J	J 15k	1/10W Metal Oxide	AA
R721	VRS-TV1JD391J	J 390	1/10W Metal Oxide	AA
R722	VRS-TV1JD102J	J 1.0k	1/10W Metal Oxide	AA
R723	VRD-RM2HD222J	J 2.2k	1/2W Carbon	AA
△ R724	VRC-UA2HG395K	J 3.9M	1/2W Solid	AA
△ R725	VRC-UA2HG395K	J 3.9M	1/2W Solid	AA
R726	VRS-TV1JD102J	J 1.0k	1/10W Metal Oxide	AA
R728	VRS-TV1JD561J	J 560	1/10W Metal Oxide	AA
R729	VRS-TV1JD561J	J 560	1/10W Metal Oxide	AA
R730	VRS-TV1JD103J	J 10k	1/10W Metal Oxide	AA
R731	VRN-TV1JD562D	J 5.6k	1/10W Metal Film	AA
R732	VRN-TV1JD242D	J 2.4k	1/10W Metal Film	AA
R733	VRN-TV1JD472D	J 4.7k	1/10W Metal Film	AA
R734	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R735	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R736	VRD-RM2HD272J	J 2.7k	1/2W Carbon	AA
R737	RR-SZ0073CEZZ	J 0.47	2W Metal Film	AD
R738	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R739	VRD-RA2BE103J	J 10k	1/8W Carbon	AA
R740	RR-SZ0074CEZZ	J 4.7	2W Metal Film	AD
R741	VRD-RM2HD272J	J 2.7k	1/2W Carbon	AA
R742	VRS-TV1JD102J	J 1.0k	1/10W Metal Oxide	AA
R743	VRS-TV1JD182J	J 1.8k	1/10W Metal Oxide	AA
R744	VRS-TV1JD223J	J 22k	1/10W Metal Oxide	AA
R745	VRS-TV1JD223J	J 22k	1/10W Metal Oxide	AA
R746	VRS-TV1JD182J	J 1.8k	1/10W Metal Oxide	AA
R747	VRS-TV1JD223J	J 22k	1/10W Metal Oxide	AA
R748	VRS-TV1JD223J	J 22k	1/10W Metal Oxide	AA
R753	VRD-RM2HD103J	J 10k	1/2W Carbon	AA
R768	VRD-RA2BE222J	J 2.2k	1/8W Carbon	AA
R769	VRS-TV1JD222J	J 2.2k	1/10W Metal Oxide	AA
R770	VRS-TV1JD102J	J 1.0k	1/10W Metal Oxide	AA
R771	VRD-RM2HD272J	J 2.7k	1/2W Carbon	AA
△ R773	RR-XZ0191CEZZ	J	Fuse Resistor	AD

Ref. No.	Part No.	★	Description	Code
MISCELLANEOUS PARTS				
P701	QPLGN0467GEZZ	J	Plug 4-Pin (PL)	AB
P702	QPLGN0378GEZZ	J	Plug 3-Pin (FB)	AB
P703	QPLGN0478GEZZ	J	Plug 4-Pin (FA)	AB
P704	QPLGN0778GEZZ	J	Plug 7-Pin (EB)	AC
P705	QPLGN0878GEZZ	J	Plug 8-Pin (EA)	AC
RDA701	PRDAR0285PEFW	R	Heat Sink (for IC704/705)	AF
RDA702	PRDAR0285PEFW	R	Heat Sink (for Q701)	AF
	QCNW-5405CEZZ	J	Connecting Cord	AG
	QCNW-5406CEZZ	J	Connecting Cord	AC
	LX-BZ3049GEFD	J	Screw	AA
	XNESD30-24000	J	Nut	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
RDENC0271CEZZ									
BALLAST UNIT									
INTEGRATED CIRCUITS									
IC1701	95KUCZ0091ZZ	J	M5T494P	AK	C1714	95KUGFL103HQ	J	0.01 400V Film	AD
IC1703	95KUCB0147AZ	J	UPC24M12AHF	AL	C1715	95KUGXAF105	J	1 16V Ceramic (Chip)	AD
TRANSISTORS									
Q1701	95KUAG0099DZ	J	FET2SK1938	AV	C1716	95KUGXAED104	J	0.1 25V Ceramic (Chip)	AB
Q1702	95KUBAA0083AK	J	2SA1680	AE	C1717	95KUGXAFF104	J	0.1 50V Ceramic (Chip)	AB
Q1703	95KUAC0262BZ	J	2SC4672 (Chip)	AE	C1718	95KUGXAED473	J	0.047 25V Ceramic (Chip)	AB
Q1704	95KUAY0042AK	J	2SC3624	AD	C1719	95KUGXAEF102	J	1000p 50V Ceramic (Chip)	AA
Q1705	95KUAY0013AK	J	2SC1623 (Chip)	AB	C1720	95KUGXAEF103	J	0.01 50V Ceramic (Chip)	AB
Q1707	95KUAY0013AK	J	2SC1623 (Chip)	AB	C1721	95KUGXAF105	J	1 16V Ceramic (Chip)	AD
Q1708	95KUAY0012AK	J	2SA812 (Chip)	AB	C1722	95KUGAF100RV	J	10 50V Electrolytic	AC
Q1709	95KUAY0012AK	J	2SA812 (Chip)	AB	C1723	95KUGAE101RX	J	100 35V Electrolytic	AD
Q1710	95KUAY0013AK	J	2SC1623 (Chip)	AB	C1724	95KUGXAEF103	J	0.01 50V Ceramic (Chip)	AB
Q1711	95KUAY0012AK	J	2SA812 (Chip)	AB	C1725	95KUGFT103HA	J	0.01 630V Film	AF
Q1712	95KUAY0012AK	J	2SA812 (Chip)	AB	C1726	95KUGCU221AS	J	220p 1kV Ceramic	AD
					C1728	95KUGAE101RX	J	100 35V Electrolytic	AD
					C1729	95KUGAE470RX	J	47 35V Electrolytic	AD
					C1730	95KUGXAED104	J	0.1 25V Ceramic (Chip)	AB
					△ C1731	95KUGZ1084ZZ	J	0.1 AC250V Film	AE
					C1732	95KUGFQ224FB	J	0.22 400V Film	AK
					RESISTORS				
					△ R1702	95KUEEC474CH	J	470k 1/2W Carbon	AC
					R1705	95KUEXCAS102	J	1k 1/10W Chip	AB
					R1706	95KUEXCAS2R2	J	2.2 1/10W Chip	AB
					R1707	95KUEEB220DC	J	22 1/10W Carbon	AB
					R1708	95KUEEB102DC	J	1k 1/4W Carbon	AC
					R1709	95KUEXCAS331	J	330 1/10W Chip	AB
					R1710	95KUESR050DB	J	0.05 2W Precision Res.	AE
					R1711	95KUEEC331CH	J	330 1/2W Carbon	AB
					R1712	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1713	95KUEXCAS102	J	1k 1/10W Chip	AB
					R1714	95KUEFE822CS	J	8.2k 2W Metal Film	AC
					R1715	95KUEFE822CS	J	8.2k 2W Metal Film	AC
					R1716	95KUEFE223BM	J	22k 2W Metal Film	AC
					R1717	95KUES4703CQ	J	470k 1/2W Precision Res.	AC
					R1718	95KUES3902CK	J	39k 1/2W Precision Res.	AB
					R1719	95KUES4702CK	J	47k 1/4W Precision Res.	AB
					R1720	95KUEEC472CH	J	4.7k 1/2W Carbon	AB
					R1721	95KUEEB331DC	J	330 1/4W Carbon	AB
					R1722	95KUEEB102DC	J	1k 1/4W Carbon	AC
					R1723	95KUEEB103DC	J	10k 1/10W Carbon	AB
					R1724	95KUEXCAS103	J	10k 1/4W Chip	AB
					R1725	95KUEEB102DC	J	1k 1/4W Carbon	AC
					R1726	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1727	95KUEXCAS333	J	33k 1/10W Chip	AB
					R1728	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1729	95KUEEB513DC	J	47k 1/4W Carbon	AB
					R1730	95KUEXCAU272	J	2.7k 1/10W Chip	AB
					R1731	95KUEXCAS333	J	33k 1/10W Chip	AB
					R1732	95KUEXCAS102	J	1k 1/10W Chip	AB
					R1733	95KUEXCAS332	J	3.3k 1/10W Chip	AB
					R1734	95KUEXCAS822	J	8.2k 1/10W Chip	AB
					R1735	95KUEXCAS105	J	1M 1/10W Chip	AB
					R1736	95KUEXCAS105	J	1M 1/10W Chip	AB
					R1737	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1738	95KUEXCAU183	J	18k 1/10W Chip	AB
					R1739	95KUEXCAS183	J	18k 1/10W Chip	AB
					R1740	95KUEXCAS223	J	22k 1/10W Chip	AB
					R1741	95KUEXCAS223	J	22k 1/10W Chip	AB
					R1742	95KUEXCAS223	J	22k 1/10W Chip	AB
					R1743	95KUEXCAS123	J	12k 1/10W Chip	AB
					R1747	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1748	95KUEXCAS221	J	220 1/10W Chip	AB
					R1749	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1750	95KUEEB473DC	J	47k 1/4W Carbon	AB
					R1751	95KUEEB473DC	J	47k 1/4W Carbon	AB
					R1752	95KUEEB473DC	J	47k 1/4W Carbon	AB
					R1753	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1754	95KUEXCAS102	J	1k 1/10W Chip	AB
					R1755	95KUEXCAS472	J	4.7k 1/10W Chip	AB
					R1756	95KUEXCAS222	J	2.2k 1/10W Chip	AB
					R1757	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1758	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1759	95KUEXCAS103	J	10k 1/10W Chip	AB
					R1760	95KUEXCAS102	J	1k 1/10W Chip	AB
					R1761	95KUEXCAS472	J	4.7k 1/10W Chip	AB
					R1762	95KUEXCAS823	J	82k 1/10W Chip	AB
DIODES									
D1701	95KUBC0221AK	J	Diode ERA18-02	AC					
D1703	95KUBC0347AZ	J	Diode FSF10A60	AL					
D1705	95KUBC0190BZ	J	Diode ERC38-05	AG					
D1706	95KUBY0033AK	J	Diode (Chip) U1JU44	AE					
D1707	95KUBY0020AK	J	Diode (Chip) 1SS355	AC					
D1708	95KUBC0347AZ	J	Diode YG912S6	AL					
D1709	95KUBY0033AK	J	Diode (Chip) U1JU44	AE					
D1710	95KUBC0318AK	J	Diode 1R5NH41	AF					
D1711	95KUBC0318AK	J	Diode 1R5NH41	AF					
D1712	95KUBY0020AK	J	Diode (Chip) 1SS355	AC					
D1714	95KUBY0020AK	J	Diode (Chip) 1SS355	AC					
D1715	95KUBY0020AK	J	Diode (Chip) 1SS355	AC					
D1716	95KUBC0221AK	J	Diode ERA18-02	AC					
D1717	95KUBY0020AK	J	Diode (Chip) 1SS355	AC					
D1718	95KUBY0020AK	J	Diode (Chip) 1SS355	AC					
△ DS1701	95KUBB0087DZ	J	Diode Stack D5SB60	AR					
ZD1701	95KUBXAD270A	J	Zener Diode RD27SB	AD					
ZD1702	95KUBXAD100C	J	Zener Diode RD10SB2	AD					
ZD1703	95KUBXAD100C	J	Zener Diode RD10SB2	AD					
ZD1704	95KUBXAD6R2C	J	Zener Diode RD6.2SB2	AD					
ZD1705	95KUBXAD6R2C	J	Zener Diode RD6.2SB2	AD					
ZD1708	95KUBXAD2R0A	J	Zener Diode RD2.0SB	AC					
THY1701	95KUDA0083ZZ	J	Thyristor SF8JZ47	AM					
THY1702	95KUDA0083ZZ	J	Thyristor SF8JZ47	AM					
THY1703	95KUDA0078AK	J	Thyristor CR02AM-8	AF					
PCKAGED CIRCUIT									
△ PC1701	95KUDC0163BB	J	Photo Coupler PC123FY8	AH					
COILS AND TRANSFORMERS									
△ L1701	95KUKZ0936ZZ	J	Filter	AQ					
△ L1702	95KUKZ0936ZZ	J	Filter	AQ					
L1703	95K829695023	J	Trans. CHT071	BB					
T1701	95K829195004	J	Trans. DTTX03	BB					
△ T1702	95K748295012	J	Trans. J6C04-9001	BH					
CONTROLS									
VR1701	95KUFBA103CX	J	10k	AC					
VR1702	95KUFBA103CX	J	10k	AC					
VR1703	95KUFBA223DB	J	22k	AE					
CAPACITORS									
△ C1701	95KUGZ1080ZZ	J	0.22 AC250V Film	AF					
△ C1702	95KUGZ1080ZZ	J	0.22 AC250V Film	AF					
△ C1704	95KUGCM332BJ	J	3300p AC250V Ceramic	AE					
C1705	95KUGZ1153ZZ	J	680 200V Electrolytic	AZ					
C1706	95KUGZ1153ZZ	J	680 200V Electrolytic	AZ					
C1708	95KUGAE101RX	J	100 35V Electrolytic	AD					
C1709	95KUGCU331AV	J	330p 1kV Ceramic	AC					
C1710	95KUGFQ225HA	J	2.2 400V Film	AK					
C1711	95KUGXAEF333	J	0.033 50V Ceramic (Chip)	AB					
C1712	95KUGZ0956ZZ	J	0.33 400V Film	AH					
C1713	95KUGZ0956ZZ	J	0.33 400V Film	AH					

Ref. No.	Part No.	*	Description	Code
RDENC0271CEZZ				
BALLAST UNIT(Continued)				
R1763	95KUEXCAS102	J	1k 1/10W Chip	AB
R1764	95KUEXCAS103	J	10k 1/10W Chip	AB
R1768	95KUEXCAS472	J	4.7k 1/10W Chip	AB
R1769	95KUEXCAS102	J	1k 1/10W Chip	AB
R1772	95KUEXCAS822	J	8.2k 1/10W Chip	AB
R1773	95KUDC0231ZZ	J	Thermistor KL15L003TL	AG
R1774	95KUEXCAU562	J	5.6k 1/10W Chip	AB
R1775	95KUEXDAS474	J	470k 1/2W Chip	AC
R1776	95KUEXDAS474	J	470k 1/2W Chip	AC
ZD1707	95KUEXCAS223	J	22k 1/10W Chip	AB

SWITCH

△ SW170195KPFZ0282ZZ	J	Power (QSW-P0591CEZZ)	AC
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MISCELLANEOUS PARTS

△ F1701	95KPJCCC6301	J	Fuse 6.3A 12.5V	AG
△ F1702	95KPJT0136ZZ	J	Thermal Fuse H130AE	AE
FH1701	95KPZZ0625ZZ	J	Fuse Holder	AB
FB1701	95KUKZ0476ZL	J	Ferrite Bead	AC
FB1702	95KUKZ0828ZZ	J	Ferrite Bead	AC
FB1703	95KUKZ0828ZZ	J	Ferrite Bead	AC
FB1705	95KBFZ89250Z	J	Ferrite Bead	AB
FB1706	95KBFZ89250Z	J	Ferrite Bead	AB
FB1707	95KBFZ89250Z	J	Ferrite Bead	AB
FB1708	95KBFZ89250Z	J	Ferrite Bead	AB
RY1701	95KPHZ0183ZZ	J	Relay DG12D1-0	AN
CN1701	95KPKZ0196ZZ	J	Base Pin, 4-pin (PL)	AC
CN1702	95KPKZ0522ZZ	J	Connector, 2-pin (D)	AB
CN1703A	95KPCZ0246ZZ	J	Connector, 8-pin	AD
CN1703B	95KPCZ0245ZZ	J	Connector, 8-pin	AE
	95KPKZ0194ZZ	J	Connector, 2-pin (PE)	AC

Ref. No.	Part No.	*	Description	Code
DSETU1802FMV3				
BALLAST UNIT				

INTEGRATED CIRCUITS

△ IC1701	VHiM5T494P/-1	R	M5T494P	AL
△ IC1703	RH-iX3340CEZZ	J	UPC24M12AHF	AM
△ IC1711	RH-FX0008GEZZ	J	PC123FY8	AE

TRANSISTORS

△ Q1701	VS2SK1938//-1	J	2SK1938	AV
△ Q1702	VS2SA1680//-1	J	2SA1680	AD
△ Q1703	VS2SC4672Q/-1	J	2SC4672Q	AE
Q1704	VS2SC3624L51E	J	2SC3624	AD
Q1705	VS2SC1623L51E	J	2SC1623	AB
Q1707	VS2SC1623L51E	J	2SC1623	AB
Q1708	VS2SA812-M/1E	J	2SA812	AC
Q1709	VS2SA812-M/1E	J	2SA812	AC
Q1710	VS2SC1623L51E	J	2SC1623	AB
Q1711	VS2SA812-M/1E	J	2SA812	AC
Q1712	VS2SA812-M/1E	J	2SA812	AC

DIODES

△ D1700	RH-DX0485CEZZ	J	Diode	AG
D1701	VHDERA1802/-1	J	Diode	AB
△ D1703	RH-DX0434CEZZ	J	Diode	AK
D1705	RH-DX0107PEZZ	R	Diode	AG
D1706	VH DU1JU44//-1	J	Diode	AE
D1707	VHD1SS355//-1	J	Diode	AB
D1708	RH-DX0434CEZZ	J	Diode	AK
D1709	VH DU1JU44//-1	J	Diode	AE
D1710	VHD1R5NH41/-1	J	Diode	AF
D1711	VHD1R5NH41/-1	J	Diode	AF
D1712	VHD1SS355//-1	J	Diode	AB
D1714	VHD1SS355//-1	J	Diode	AB
D1715	VHD1SS355//-1	J	Diode	AB
D1716	VHDERA1802/-1	J	Diode	AB
D1717	VHD1SS355//-1	J	Diode	AB
D1718	VHD1SS355//-1	J	Diode	AB
D1750	RH-EX0743CEZZ	J	Zener Diode	AC
D1751	RH-EX0726CEZZ	J	Zener Diode	AC
D1752	RH-EX0726CEZZ	J	Zener Diode	AC
D1753	RH-EX0704CEZZ	J	Zener Diode	AD
D1754	RH-EX0704CEZZ	J	Zener Diode	AD
△ D1756	VHSSF8JZ47/-1	J	Diode	BE
△ D1757	VHSSF8JZ47/-1	J	Diode	BE
D1758	VHSCR02AM//-1	J	Diode	AF
D1759	RH-EX0668CEZZ	J	Zener Diode	AC
△ TH1773	RH-HZ0103PEZZ	R	Thermister	AH
△ VA1701	RH-VX0023CEZZ	J	Varistor	AD

COILS

△ L1701	RCiLF0355CEZZ	J	Coil	AR
△ L1702	RCiLF0355CEZZ	J	Coil	AR

TRANSFORMERS

△ T1701	RTRNZ0169PEZZ	R	Transformer	BB
△ T1702	RDENU0007CEZZ	J	Transformer	BK
△ T1703	RTRNZ0170PEZZ	R	Transformer	BB

CONTROLS

R1790	RVR-M4786GEZZ	J	10k (B)	AB
R1791	RVR-M4786GEZZ	J	10k (B)	AB
R1792	RVR-M4788GEZZ	J	22k (B)	AB

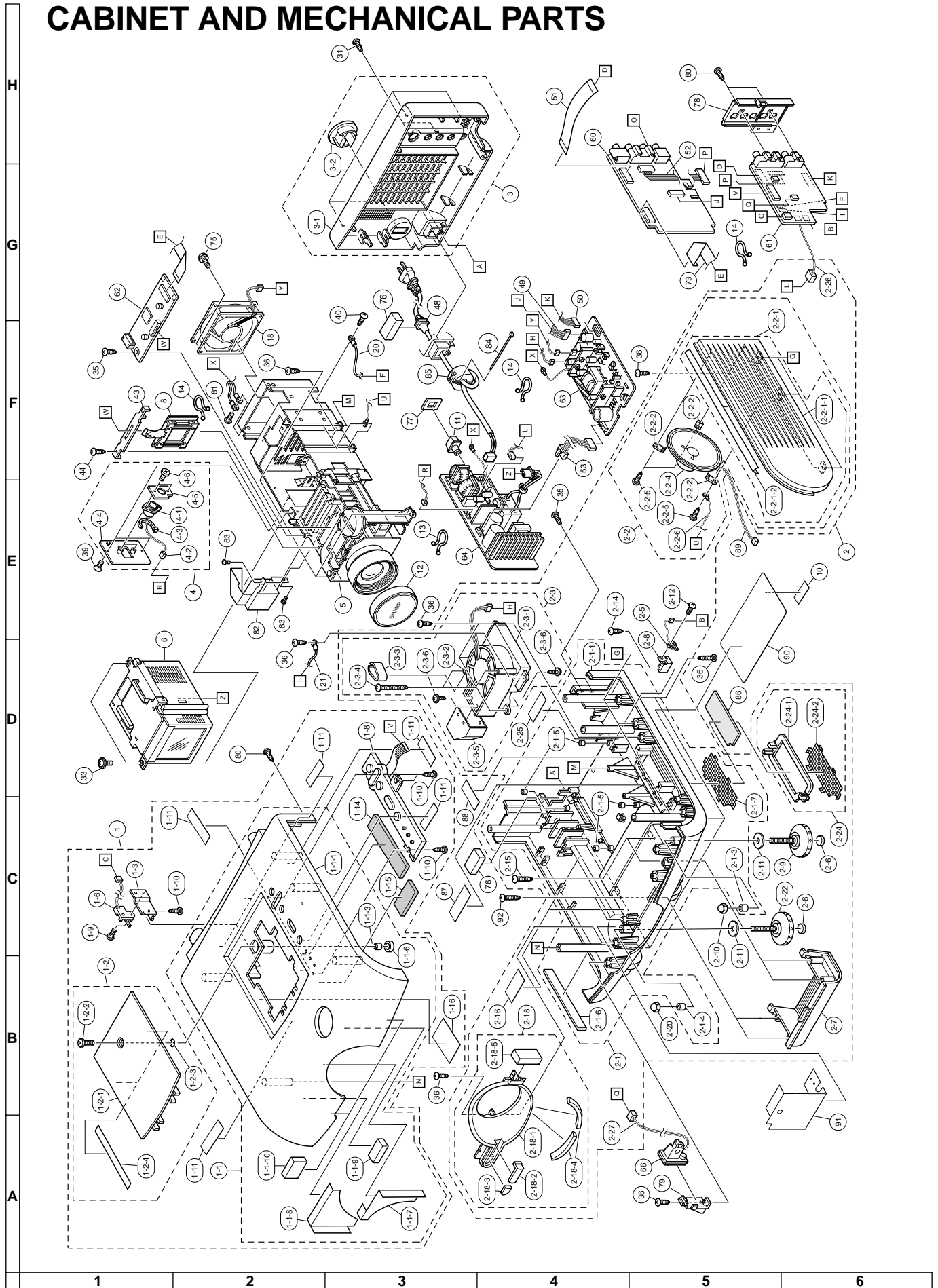
CAPACITORS

△ C1701	RC-FZ032CUMZZ	J	0.22 AC250V Film	AF
△ C1702	RC-FZ032CUMZZ	J	0.22 AC250V Film	AF
△ C1704	RC-KZ0106GEZZ	J	3300p 2kV Magnetic	AG
△ C1705	RC-EZ0684CEZZ	J	Electrolytic	AR
△ C1706	RC-EZ0684CEZZ	J	Electrolytic	AR
C1708	VCEA4A1VN107M	J	100 35V Electrolytic	AC
C1709	VCKYPA3AB331K	J	330p 1kV Ceramic	AC
C1710	RC-FZ1003CEZZ	J	2.2 400V Film	AK
C1711	VCKYTV1HB333K	J	0.033 50V Ceramic	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DSETU1802FMV3 BALLAST UNIT (Continued)									
C1712	RC-FZ1004CEZZ	J	0.33 400V Film	AH	R1756	VRS-TV1JD222J	J	2.2k 1/10W Metal Oxide	AA
C1713	RC-FZ1004CEZZ	J	0.33 400V Film	AH	R1757	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
C1714	RC-FZ1005CEZZ	J	2.2 400V Film	AD	R1758	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
C1715	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	R1759	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
C1716	VCKYTV1EB104K	J	0.1 25V Ceramic	AB	R1760	VRS-TV1JD102J	J	1.0k 1/10W Metal Oxide	AA
C1717	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA	R1761	VRS-TV1JD472J	J	4.7k 1/10W Metal Oxide	AA
C1718	VCKYTV1EB473K	J	0.047 25V Ceramic	AB	R1762	VRS-TV1JD823J	J	82k 1/10W Metal Oxide	AA
C1719	VCKYTV1HB102K	J	1000p 50V Ceramic	AA	R1763	VRS-TV1JD102J	J	1.0k 1/10W Metal Oxide	AA
C1720	VCKYTV1HB103K	J	0.01 50V Ceramic	AA	R1764	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA
C1721	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	R1768	VRS-TV1JD472J	J	4.7k 1/10W Metal Oxide	AA
C1722	VCEA4A1HN106M	J	10 50V Electrolytic	AB	R1769	VRS-TV1JD102J	J	1.0k 1/10W Metal Oxide	AA
C1723	VCEA4A1VN107M	J	100 35V Electrolytic	AC	R1772	VRS-TV1JD822J	J	8.2k 1/10W Metal Oxide	AA
C1724	VCKYTV1HB103K	J	0.01 50V Ceramic	AA	R1774	VRS-TV1JD562F	J	5.6k 1/10W Metal Oxide	AA
△ C1725	RC-FZ1006CEZZ	J	0.01 630V Film	AF	R1775	VRS-TX2HF474J	J	470k 1/2W Metal Oxide	AC
△ C1726	VCKYPA3AB221K	J	220p 1kV Ceramic	AC	R1776	VRS-TX2HF474J	J	470k 1/2W Metal Oxide	AC
△ C1727	RC-KZ0091GEZZ	J	2200p 1kV Ceramic	AC	R1793	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA
C1728	VCEA4A1VN107M	J	100 35V Electrolytic	AC	R1794	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
C1729	VCEA4A1VN476M	J	47 35V Electrolytic	AC	R1795	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
C1730	VCKYTV1EB104K	J	0.1 25V Ceramic	AB	R1796	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
△ C1731	RC-FZ029CUMZZ	J	Film	AD	R1797	VRS-TV1JD000J	J	0 1/10W Metal Oxide	AA
C1732	VCFYJU2GA224K	J	0.22 400V Mylar	AG	SWITCH				
					△ S1701	QSW-P0591CEZZ	J	Power	AQ
RESISTORS					MISCELLANEOUS PARTS				
R1702	VRD-RM2HD474J	J	470k 1/2W Carbon	AB	△ RY1701	RRLYJ0091CEZZ	J	Relay	AM
R1705	VRS-TV1JD102J	J	1.0k 1/10W Metal Oxide	AA	△ F1701	QFS-B6319CEZZ	J	Fuse 6.3A (125V)	AG
R1706	VRS-TV1JD2R2J	J	2.2 1/10W Metal Oxide	AA	△ F1702	QFS-T0103CEZZ	J	Thermal Fuse H130	AE
R1707	VRD-RA2BE220J	J	22 1/8W Carbon	AA	FB1701	RBLN-0036CEZZ	J	Ferrite Bead	AB
R1708	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA	FB1702	RBLN-0037CEZZ	J	Ferrite Bead	AB
R1709	VRS-TV1JD331J	J	330 1/10W Metal Oxide	AA	FB1703	RBLN-0037CEZZ	J	Ferrite Bead	AB
△ R1710	RR-WZ0177CEZZ	J	0.05 2W	AE	FB1705	RBLN-0007CEZZ	J	Ferrite Bead	AB
R1711	VRD-RM2HD331J	J	330 1/2W Carbon	AA	FB1706	RBLN-0007CEZZ	J	Ferrite Bead	AB
R1712	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA	FB1707	RBLN-0007CEZZ	J	Ferrite Bead	AB
R1713	VRS-TV1JD102J	J	1.0k 1/10W Metal Oxide	AA	FB1708	RBLN-0007CEZZ	J	Ferrite Bead	AB
R1714	RR-SZ0076CEZZ	J	8.2k 2W Metal Film	AC	FH1701	QFSDH1009CEZZ	J	Fuse Holder	AA
R1715	RR-SZ0076CEZZ	J	8.2k 2W Metal Film	AC	FH1702	QFSDH1010CEZZ	J	Fuse Holder	AA
R1716	RR-SZ0077CEZZ	J	22k 2W Metal Film	AD	P1701	QPLGN0467GEZZ	J	Plug 4-Pin (PL)	AB
R1717	VRD-RM2HD474G	J	470k 1/2W Carbon	AC	P1702	QPLGN0278GEZZ	J	Plug 2-Pin (D)	AA
R1718	VRD-RA2BE393G	J	39k 1/8W Carbon	AA	P1703	QPLGN0269GEZZ	J	Plug 2-Pin (PE)	AB
R1719	VRD-RA2BE473G	J	47k 1/8W Carbon	AA	P1704	QPLGN0453FJZZ	J	Plug 2-Pin (BA)	AC
R1720	VRD-RM2HD472J	J	4.7k 1/2W Carbon	AA	P1706	QPLGN0859REZZ	J	Plug 8-Pin	AG
R1721	VRD-RA2BE331J	J	330 1/8W Carbon	AA	SC1701	QSOCN0898REZZ	J	Socket 8-Pin	AE
R1722	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA	RDA1701	PRDAR0287PEFW	R	Heat Sink for D1700	AD
R1723	VRD-RA2BE103J	J	10k 1/8W Carbon	AA	RDA1702	PRDAR0289PEFW	R	Heat Sink for Q1701	AG
R1724	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA	QCNW-5407CEZZ	J	Connecting Cord	AC	
R1725	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA	QCNW-5417CEZZ	J	Connecting Cord	AC	
R1726	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA	LX-BZ3049GEFD	J	Screw	AA	
R1727	VRS-TV1JD333J	J	33k 1/10W Metal Oxide	AA					
R1728	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA					
R1729	VRD-RA2BE513J	J	51k 1/8W Carbon	AA					
R1730	VRS-TV1JD272F	J	2.7k 1/10W Metal Oxide	AA					
R1731	VRS-TV1JD333J	J	33k 1/10W Metal Oxide	AA					
R1732	VRS-TV1JD102J	J	1.0k 1/10W Metal Oxide	AA					
R1733	VRS-TV1JD332J	J	3.3k 1/10W Metal Oxide	AA					
R1734	VRS-TV1JD822J	J	8.2k 1/10W Metal Oxide	AA					
R1735	VRS-TV1JD105J	J	1M 1/10W Metal Oxide	AA					
R1736	VRS-TV1JD105J	J	1M 1/10W Metal Oxide	AA					
R1737	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA					
R1738	VRS-TV1JD183F	J	18k 1/10W Metal Oxide	AA					
R1739	VRS-TV1JD183J	J	18k 1/10W Metal Oxide	AA					
R1740	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA					
R1741	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA					
R1742	VRS-TV1JD223J	J	22k 1/10W Metal Oxide	AA					
R1743	VRS-TV1JD123J	J	12k 1/10W Metal Oxide	AA					
R1747	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA					
R1748	VRS-TV1JD221J	J	220 1/10W Metal Oxide	AA					
R1749	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA					
R1750	VRD-RA2BE473J	J	47k 1/8W Carbon	AA					
R1751	VRD-RA2BE473J	J	47k 1/8W Carbon	AA					
R1752	VRD-RA2BE473J	J	47k 1/8W Carbon	AA					
R1753	VRS-TV1JD103J	J	10k 1/10W Metal Oxide	AA					
R1754	VRS-TV1JD102J	J	1.0k 1/10W Metal Oxide	AA					
R1755	VRS-TV1JD472J	J	4.7k 1/10W Metal Oxide	AA					

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CABINET AND MECHANICAL PARTS									
1	<i>Not Available</i>	—	Top Cabinet Ass'y	—	2-24-2	<i>Not Available</i>	—	Punching Plate	—
1-1	DBDYT0006WEK1	R	Top Cabinet Ass'y	BC	2-25	PSPAT0002PEZZ	R	Teflon Tape	AB
1-1-1	<i>Not Available</i>	—	Top Cabinet	—	2-26	QCNW-5034CEZZ	J	Connecting Wire (D)	AF
1-1-3	<i>Not Available</i>	—	Outsert Nut	—	2-27	QCNW-5035CEZZ	J	Connecting Wire (RA)	AF
1-1-6	<i>Not Available</i>	—	Nut Cover, x1	—	3	CBDYR0006WEK0	R	Rear Cabinet Ass'y	AU
1-1-7	PSPAZ0021PE00	R	Spacer-Left, for Lens Cover	AE	3-1	<i>Not Available</i>	—	Rear Cabinet	—
1-1-8	PSPAZ0022PE00	R	Spacer-Right, for Lens Cover	AE	3-2	<i>Not Available</i>	—	AC Cord Cover	—
1-1-9	PMLT-0024PEZZ	R	Spacer	AB	△ 4	CBiM-0001WEV1	R	Bimetal Ass'y	BA
1-1-10	PMLT-0021PEZZ	R	Spacer, x2	AC	△ 4-1	RBiM-0001CEZZ	J	Bimetal	AN
1-2	CDORT0015WEK0	R	Lamp Cage Cover Ass'y	AT	4-2	QCNW-4724CEZZ	J	Connecting Wire	AF
1-2-1	<i>Not Available</i>	—	Lamp Cage Cover	—	4-3	LHLDW1033CEKZ	J	Wire Holder, x1	AA
1-2-2	LX-BZ3366CESE	J	Special Screw, x1	AE	4-4	LHLDZ0122PEKZ	R	Bimetal Board	AM
1-2-3	XRESJ30-06000	J	E-Ring, x1	AA	4-5	PSPAF0002PEFW	R	Bimetal Spacer	AD
1-2-4	PSHEF0001PE00	R	Spacer, x2	AB	4-6	LX-BZ3331CEFF	J	Screw, x2	AA
1-3	LANGK0092PEFW	R	Leaf Switch Angle	AE	5	<i>Refer to Optics Mechanism Parts</i>			
1-6	QCNW-4674CEZZ	J	Leaf Switch-1 (LL)	AK	△ 6	<i>Refer to Lamp/Cage Module Unit Parts</i>			
1-8	<i>Not Available</i>	—	Operation Key Unit	—	8	DLCPP0064WEV0	R	LCD Module Unit	CN
1-9	XBPSF26P06000	J	Screw, x1, for Leaf SW.	AA	10	TLABN0026PEZZ	R	Serial Number Label (For U.S.A.)	AC
1-10	XEBSD30P10000	J	Screw, x4	AA	10	TLABN0027PEZZ	R	Serial Number Label (For Canada)	AC
1-11	PSPAT0002PEZZ	R	Teflon Tape, x6	AB	11	JKNBP0011PESA	R	Button, Main Power Switch	AD
1-14	PMLT-0022PEZZ	R	Spacer	AC	12	PCAPH1061CESB	J	Lens Cap	AH
1-15	PMLT-0023PEZZ	R	Spacer	AC	13	LHLDW1064CEZZ	J	Wire Holder, x1	AB
1-16	PSPAT0001PEZZ	R	Teflon Tape	AD	14	LHLDW1060CEZZ	J	Wire Holder, x3	AB
2	<i>Not Available</i>	—	Bottom Cabinet Ass'y (For U.S.A.)	—	18	NFANR0076CE00	J	Cooling Fan (Exhaust Vent)	AT
2	<i>Not Available</i>	—	Bottom Cabinet Ass'y (For Canada)	—	20	RH-HZ0053CEZZ	J	Thermistor	AM
2-1	DBDYU0002WEK3	J	Bottom Cabinet Ass'y	BC	21	RH-HZ0054CEZZ	J	Thermistor	AM
2-1-1	<i>Not Available</i>	—	Bottom Cabinet	—	31	LX-TZ3090CESA	J	Screw, x6 for Rear Cab.	AC
2-1-3	<i>Not Available</i>	—	Outsert Nut-Right	—	33	XBPSD40P10JS0	J	Screw, x2 for Lamp Case	AA
2-1-4	<i>Not Available</i>	—	Outsert Nut-Left	—	35	XEBSD30P08000	J	Screw, x3	AA
2-1-5	<i>Not Available</i>	—	Outsert Nut, x4	—	36	XEBSD30P10000	J	Screw, x19	AA
2-1-6	PSPAH0151PE00	R	Spacer	AC	39	XBSSD30P06000	J	Screw, x2	AA
2-1-7	HPNC-0002PE00	R	Punching Plate	AH	40	XBBSD30P06000	J	Screw	AA
2-2	<i>Not Available</i>	—	Side Cover Ass'y	—	43	LHLDZ0119PEKZ	R	Panel Holder	AD
2-2-1	DCOVA0107WEK1	R	Side Cover (Right Side)	AS	44	XJPSF30P08000	J	Screw, x1 for Panel Holder	AA
2-2-1-1	<i>Not Available</i>	—	Side Cover	—	△ 48	QACCU3021PEZZ	R	AC Cord	AT
2-2-1-2	PSPAH0151PE00	R	Spacer	AC	49	QCNW-4841CEZZ	J	Connecting Wire 7-pin (EB)	AG
2-2-2	LANGS0011PEFW	R	Speaker Angle, x3	AD	50	QCNW-5033CEZZ	J	Connecting Wire 8-pin (EA)	AH
2-2-4	VSP0065PB228A	J	Speaker	AL	51	QCNW-4820CEZZ	J	Connecting Wire 30-pin (TA)	AH
2-2-5	XEBSD30P08000	J	Screw, x3	AA	52	QCNW-5036CEZZ	J	Connecting Wire (TB)	AM
2-2-6	QCNW-4958CEZZ	J	Speaker Earth Wire	AD	53	95KECB7756ZZ	J	Connecting Wire 4-pin (PL)	AP
2-3	CDUC-0002WEK0	R	Intake Duct Ass'y	BD	53	QCNW-5405CEZZ	J	Connecting Wire 4-pin (PL)	AG
2-3-1	<i>Not Available</i>	—	Intake Duct	—	60	<i>Not Available</i>	—	Main Unit	—
2-3-2	NFANS0005CEZZ	J	Cooling Fan (Intake Vent)	BB	61	<i>Not Available</i>	—	Sub Unit	—
2-3-3	LHLDW1019TAZZ	J	Wire Holder	AB	62	<i>Not Available</i>	—	Control Unit	—
2-3-4	XUPSD40P40000	J	Screw, x2 for Fan	AB	63	<i>Not Available</i>	—	Power Unit	—
2-3-5	PDUC-0003PEFW	R	Duct	AH	64	<i>Not Available</i>	—	Ballast Unit	—
2-3-6	LX-BZ3266CEFD	J	Screw, x4 for Duct	AA	66	<i>Not Available</i>	—	R/C Receiver Unit	—
2-5	QCNW-4961CEZZ	J	Leaf Switch-2 (LF)	AH	73	QCNW-5032CEZZ	J	Connecting Wire (CA) 20-pin	AG
2-6	GLEGG9027CESB	J	Rubber Foot, x2	AB	75	LX-BZ3397CEFD	J	Screw, x2 for Exhaust Fan	AA
2-7	JHNDP0011PEKA	R	Carrying Handle	AK	76	PMLT-0020PEZZ	R	Spacer	AB
2-8	LANGQ0086PEFW	R	Cabinet/Leaf SW. Angle	AE	77	PSHEP0002PE00	R	Cover for Button	AC
2-9	LX-BZ0012PESA	R	Adjuster-Right	AF	78	GCOVA0113PEKA	R	Cover for Sub Unit	AM
2-10	LX-NZ3095CEFD	J	Nut-Right	AA	79	LHLDZ0043PEKZ	R	R/C Holder	AE
2-11	PSPAH0140PE00	R	Adjuster Spacer, x2	AB	80	LX-EZ3002CESB	J	Screw, x3	AC
2-12	XBPSF26P06000	J	Screw, x1 for Leaf SW.	AA	81	XHPSD30P08WS0	J	Screw, x1	AA
2-14	XEBSD30P10000	J	Screw, x1	AA	82	PDUC-0004PEFW	R	Duct	AG
2-15	XEBSD30P16000	J	Screw, x2	AA	83	XEPSF30P06000	J	Screw, x2 for Duct	AA
2-16	PSPAT0001PEZZ	R	Teflon Tape, x2	AD	84	LHLDW1033CEKZ	J	Wire Holder, x1	AA
2-18	CCOVA0109WEK1	R	Lens Cover Ass'y	AT	85	RCORF0056CEZZ	J	Ferrite Core	AP
2-18-1	<i>Not Available</i>	—	Lens Cover	—	86	PfILD0002PEZZ	R	Intake Air Filter	AD
2-18-2	GCOVA0111PESA	R	R/C Cover	AE	87	PSPAT0001PEZZ	R	Teflon Tape	AD
2-18-3	GCOVA0112PESA	R	Decoration Cover	AH	88	PSPAT0002PEZZ	R	Teflon Tape	AB
2-18-4	PMLT-0022PEZZ	R	Spacer, x2	AC	89	QCNW-4957CEZZ	J	Speaker Lead Wire (SP)	AE
2-18-5	PMLT-0024PEZZ	R	Spacer	AB					
2-20	LX-NZ3123CEFE	J	Nut-Left	AD					
2-22	LX-BZ0013PESA	R	Adjuster-Left	AF					
2-24	CCOVA0108WEK1	R	Air Filter Cover Ass'y	AQ					
2-24-1	<i>Not Available</i>	—	Air Filter Cover	—					

CABINET AND MECHANICAL PARTS



Ref. No. Part No. ★ Description Code

**CABINET AND MECHANICAL PARTS
(Continued)**

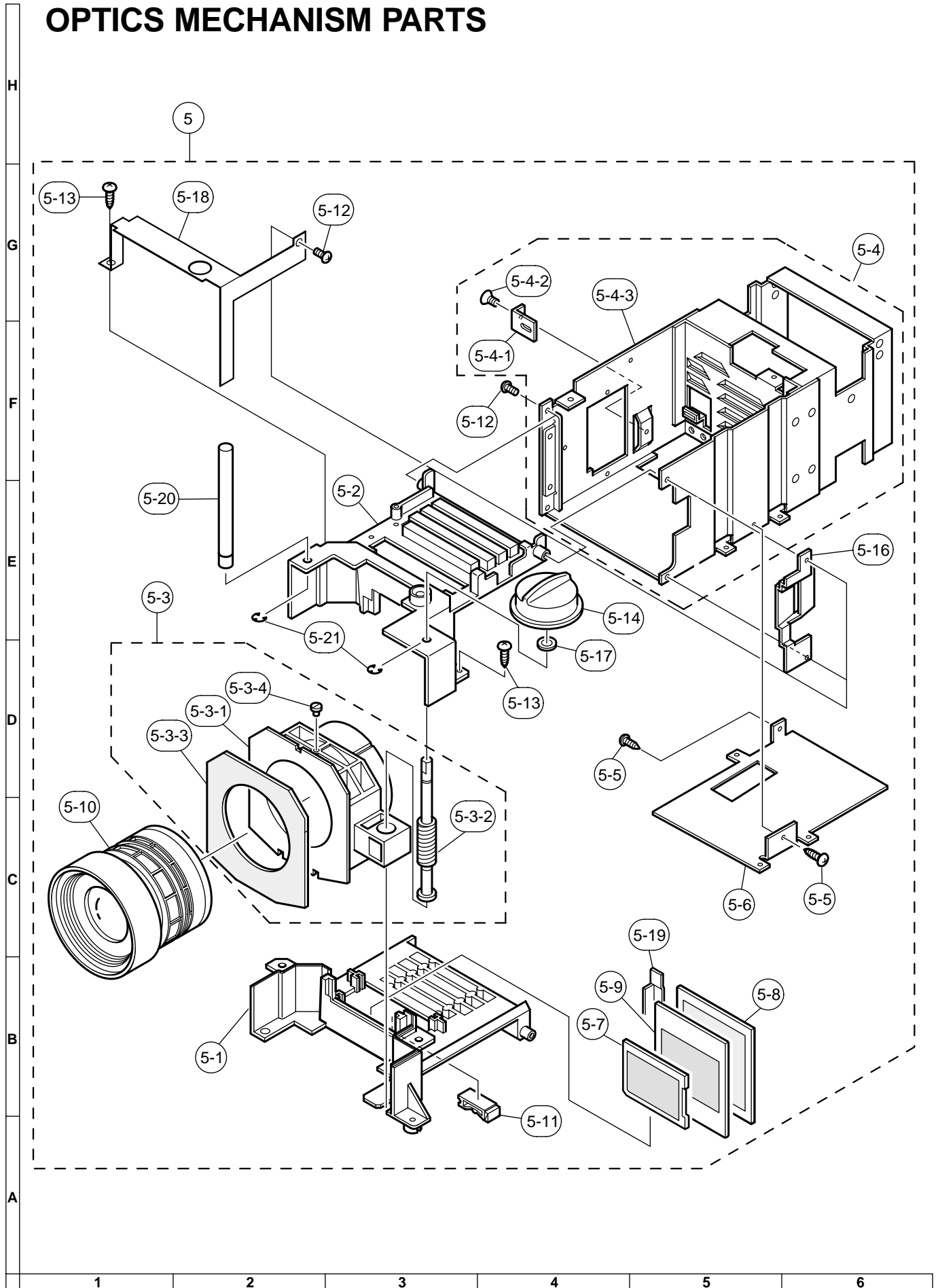
90	TLABM1525PESA	R	Model Label(For U.S.A.)	AH
90	TLABM1526PESA	R	Model Label(For Canada)	AH
91	PSHEP0001PE00	R	Shielding Plate	AK
92	XEBSD30P16000	J	Screw, x2	AA

Ref. No. Part No. ★ Description Code

OPTICS MECHANISM PARTS

5	CCHSK0070CEK6	J	Optics Mecha. Ass'y	CD
5-1	LCHSK0070CEKZ	J	Optical Box, Bottom	AR
5-2	LCHSK0071CEKZ	J	Optical Box, Top	AR
5-3	CLNS-0120CE01	J	Shift Mecha. Ass'y	
5-3-1	LHLDZ0103CEKZ	J	Shift Mecha. Base	AQ
5-3-2	NSFTD0007CEFW	J	Shift Screw	AN
5-3-3	PMLT-0303CE00	J	Light Shielding Sheet	AE
5-3-4	LX-TZ0102CEFW	J	Special Screw	AG
5-4	CHLDZ3055CE02	J	Lamp House Ass'y	BA
5-4-1	LANGT9001CEFW	J	Lamp Socket Angle	AF
5-4-2	XBSSD30P04000	J	Screw, x1	AA
5-4-3	LHLDZ2014CEFW	J	Lamp House Base	AN
5-5	XBPSF30P04000	J	Screw, x2 for Cover	AA
5-6	PCOVW9004CEZZ	J	Cover	AL
5-7	PFILW0200CEZZ	J	Diffraction Grating	BB
5-8	PFILW0202CEZZ	J	Heat Management Plate	BN
5-9	PFILW0164CEZZ	J	Polarizer Input Plate	AU
5-10	PLNS-0124CEZZ	J	Projection Lens	BS
5-12	XJPSF30P06000	J	Screw, x3	AA
5-13	XJPSF30P08000	J	Screw, x2	AA
5-14	JKNBZ1079CESD	J	Lens Shift Dial	AH
5-16	PDUC-0078CEFW	J	Duct	AH
5-17	PSPAZ0283CEZZ	J	Spacer	AE
5-18	PSHEP0152CEZZ	J	Shielding Plate	AK
5-19	LHLDZ2098CE00	J	Holder	AD
5-20	NSFTD0008CEFW	J	Guide Bar	AH
5-21	XRESJ40-06000	J	E-Ring, x2	AA

OPTICS MECHANISM PARTS

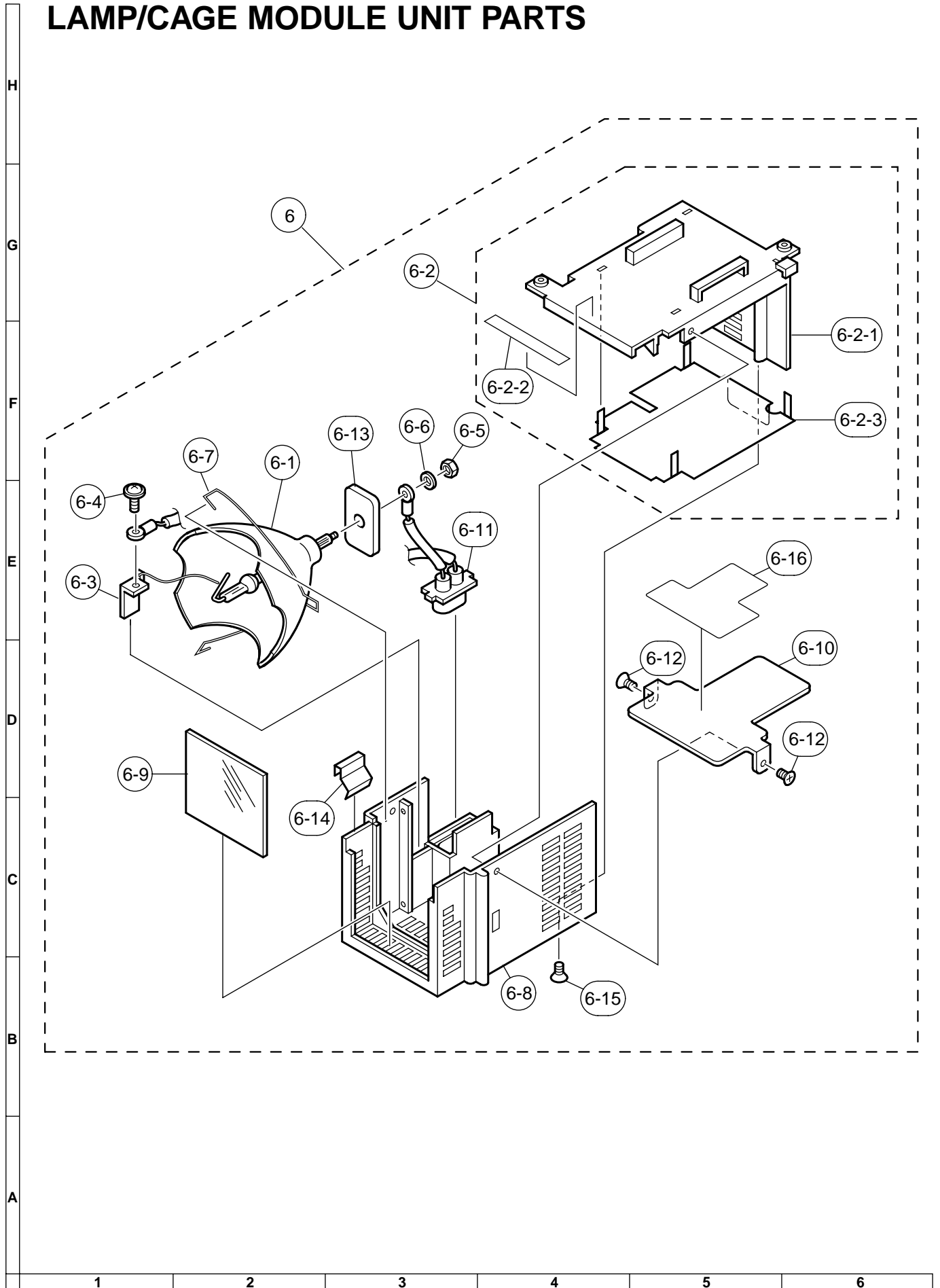


Ref. No.	Part No.	★	Description	Code
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LAMP/CAGE MODULE UNIT PARTS

△ 6	BQC-XVC10U//1	J	Lamp/Cage Module Unit	CG
△ 6-1	CLMPF0053DE05	J	Lamp/Mirror Ass'y	
6-2	CCASZ1030CE01	J	Lamp Case Ass'y, Upper	AT
6-2-1	<i>Not Available</i>	—	Lamp Case, Upper	—
6-2-2	TLABZ0378CEZZ	J	Parts Code Label	AA
6-2-3	PSLDH3064CEFW	J	Heat Sink	AE
6-3	LANGQ9192CEFN	J	Angle	AF
6-4	LX-BZ3270CEFN	J	Screw, x1	AA
6-5	LX-NZ3108CEFN	J	Nut, x1	AA
6-6	LX-WZ3102CEFN	J	Washer, x1	AA
6-7	MSPRB0031CEFW	J	Spring, x1	AD
6-8	PCASZ1029CEKZ	J	Lamp Case, Lower	AR
6-9	PFILW0194CEZZ	J	UV/IR Filter	BB
6-10	PRDAR1531CEFW	J	Heat Sink	AD
6-11	QPLGN0156FJZZ	J	Plug	AN
6-12	XBSSD30P08000	J	Screw, x2	AA
6-13	PSLDH3053CEFW	J	Heat Sink	AE
6-14	MSPRK0058CEFW	J	Spring for Glass	AD
6-15	XBSSD30P06000	J	Screw, x1	AA
6-16	TLABZ0699CEZZ	J	Label	AD

LAMP/CAGE MODULE UNIT PARTS



Ref. No. Part No. ★ Description Code

SUPPLIED ACCESSORIES

ACCESSORIES

PFiLD0002PEZZ	R	Extra Air Filter	AD
RRMCG1540PESA	R	Infrared R/C Unit	AZ
TiNS-6721PEZZ	R	Operation Manual	AS
QCNW-5123CEZZ	J	AV Cable	AX
TGAN-0156PEZZ	R	Guarantee Card (for U.S.A.)	AD
TGAN-0157PEZZ	R	Guarantee Card (for Canada)	AE
TGAN-0158PEZZ	R	Registration Card (for U.S.A.)	AF
TCAUH0036PEZZ	R	Notice Label	AC

Ref. No. Part No. ★ Description Code

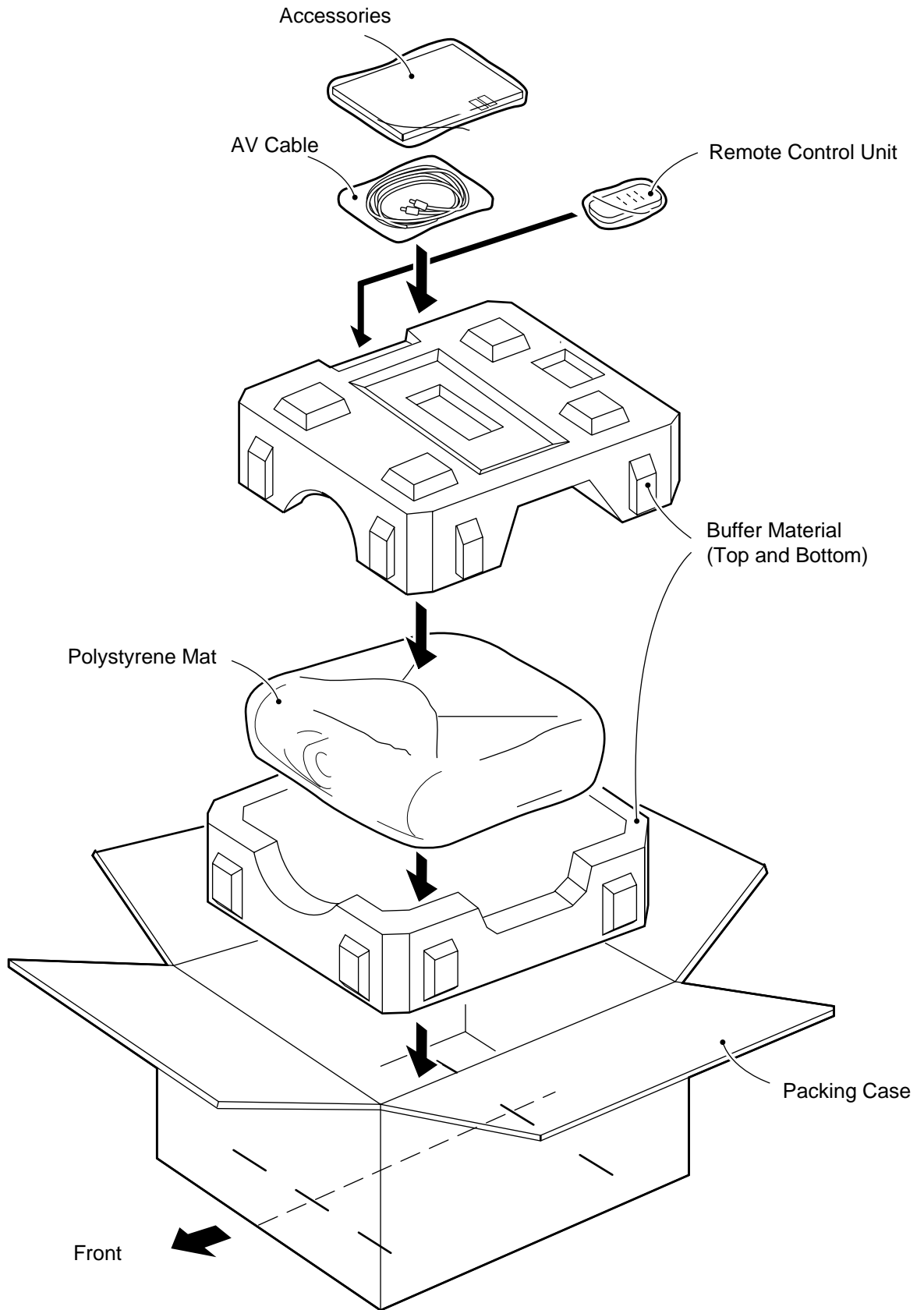
**PACKING PARTS
(NOT REPLACEMENT ITEM)**

SPAKC6542PEZZ	-	Packing Case	—
SPAKP0145PEZZ	-	Polystyrene Mat	—
SPAKX2716PEZZ	-	Buffer Material	—
TLABK0002PEZZ	-	Number Card, x2	—
TLABN0001PEZZ	-	Serial Number Label	—

**SERVICE JIGS
(Use for servicing)**

QCNW-4889CEZZ	J	(EA) Cable Power-Sub	AM
QCNW-4890CEZZ	J	(EB) Cable Power-Sub	AM
QCNW-4753CEZZ	J	(CA) Cable Main-Output	AS
QCNW-4892CEZZ	J	(TA) Cable Main-Sub	AS
RUNTK0624CEZZ	J	Operation Key Unit	BA

PACKING OF THE SET



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