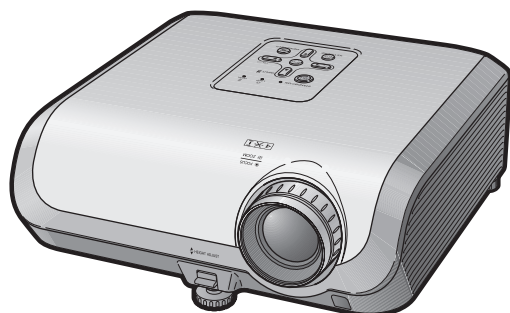


SHARP SERVICE MANUAL

No. S06X4XR10XLSL



MULTIMEDIA PROJECTOR

XR-10X-L
XR-10S-L
XR-11XC-L
XR-HB007X-L
XG-MB50X-L

MODELS

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Parts Guide

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.

SHARP CORPORATION

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

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY NOTES

IMPORTANT SERVICE SAFETY NOTES (for USA)

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

WARNING

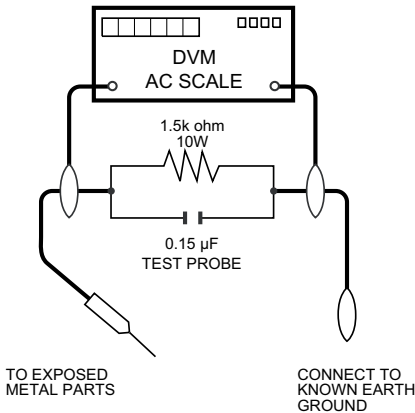
- 1. For continued safety, no modification of any circuit should be attempted.
- 2. Disconnect AC power before servicing.

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, (Donot use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF 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.
- 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 0.4 volts RMS (this corresponds to 0.27 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 DMD™ 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 “⚠” 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.

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

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

- Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

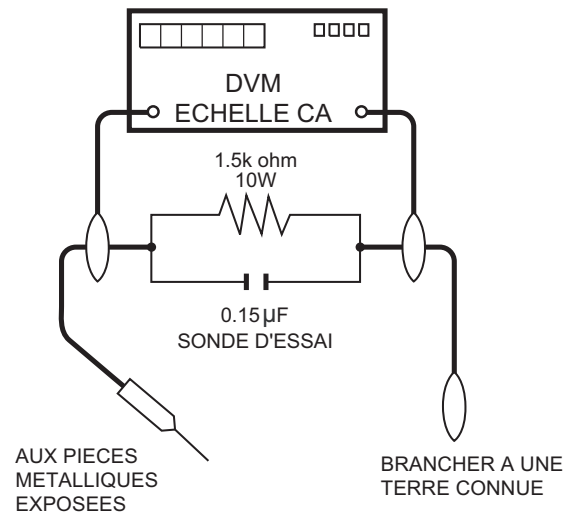
VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation directement à une prise de courant de 120 - V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
 - A l'aide de deux fils à pinces, brancher une résistance de 1.5 k Ω 10 watts en parallèle avec un condensateur de 0.15 μ F en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.

- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000 Ω /V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)

La tension de pointe mesurée ne doit pas dépasser 0.4V (correspondante au courant CA de pointe de 0.27mA). Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les projecteur à DMD™ 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 "⚠" 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.

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

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

The light source, lamp, in the 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 AN-XR10L2 rated 220W DC.
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.

NOTE POUR LE PERSONNEL D'ENTRETIEN

PRECAUTION POUR LES RADIATIONS UV

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

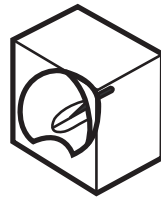
EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

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 AN-XR10L2, caractéristique 220W-DC.
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.

UV-RADIATION PRECAUTION (Continued)

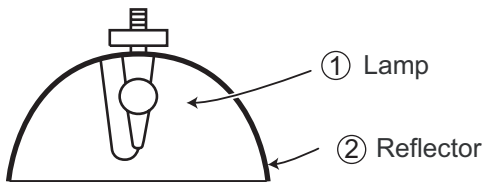
■ Lamp Replacement

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.

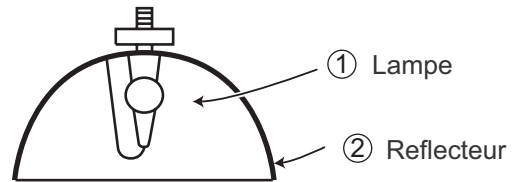
PRECAUTION POUR LES RADIATIONS UV (Suite)

■ 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.]

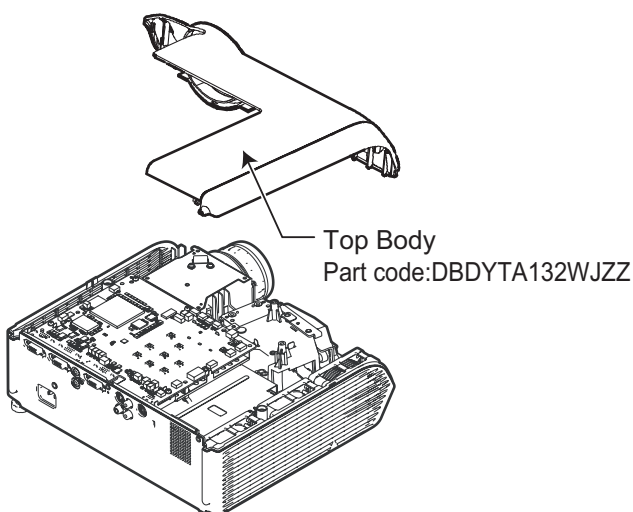


DANGER ! — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

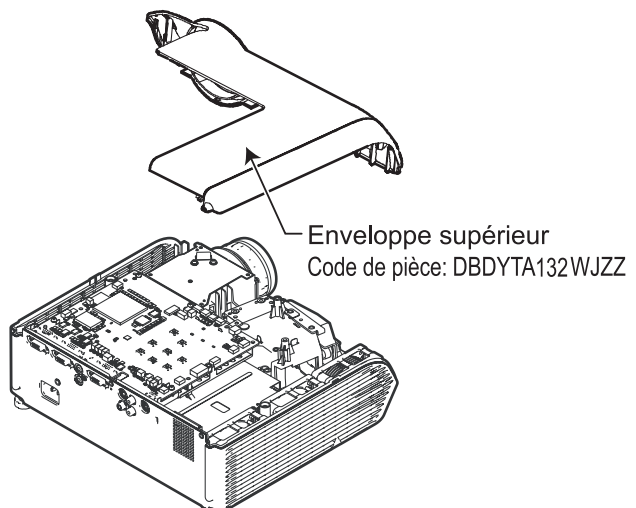
Since small amounts of UV-radiation are emitted from an opening between the exhaust fans, it is recommended to place the cap of the optional lens on the opening during servicing to avoid eye and skin exposure.

Comme de petites quantités de radiation UV sont émises par une ouverture entre les ventilateurs aspirants, il est recommandé de placer le capuchon de l'optique optionnelle sur l'ouverture pendant l'entretien pour éviter une exposition des yeux et la peau.

To illuminate the lamp in the unit with Top Body removed, attach the above Service Top Body (DBDYTA132WJZZ). If not, problems may be caused by UV light emitted from the lamp.



Pour allumer la lampe de l'appareil après avoir retiré l'enveloppe supérieure, fixer l'enveloppe supérieure de service ci-dessus (DBDYTA132WJZZ). Dans le cas contraire, il peut se produire un problème dû à l'émission de rayons UV.



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 UNIT TO MOISTURE OR WET LOCATIONS.



CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT REMOVE SCREWS
EXCEPT SPECIFIED USER
SERVICE SCREW.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE CABINET.
NO USER-SERVICEABLE PARTS EXCEPT LAMP UNIT.
REFER SERVICING TO QUALIFIED SERVICE
PERSONNEL.



The lighting flash with arrowhead within a triangle is intended to tell the user that parts inside the product are risk of electric shock to persons.



The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the manual with the projector.

CAUTION

(POWER Unit)



For continued
protection against a
risk of fire, replace
only with same type
6.3A, AC250V fuse.
(F701)

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 PLACER CET APPAREIL DANS UN ENDROIT HUMIDE OU MOUILLE.



ATTENTION

RISQUE
D'ÉLECTROCUTION. NE
PAS RETIRER LES VIS À
L'EXCEPTION DE LA VIS DE
REPARATION UTILISATEUR
SPECIFIEES



ATTENTION: POUR ÉVITER TOUT RISQUE
D'ÉLECTROCUTION, NE PAS RETIRER LE CAPOT.
AUCUNE DES PIÈCES INTÉRIEURES N'EST RÉPARABLE
PAR L'UTILISATEUR, À L'EXCEPTION DE L'UNITÉ DE
LAMPE. POUR TOUTE RÉPARATION, S'ADRESSER À UN
TECHNICIEN D'ENTRETIEN QUALIFIÉ.



L'éclair terminé d'une flèche à l'intérieur d'un triangle indique à l'utilisateur que les pièces se trouvant dans l'appareil sont susceptibles de provoquer une décharge électrique.



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

PRECAUTION

(Unité de PUISSANCE)



Pour une protection
continue contre un
risques d'incendie, ne
remplacer qu'avec un
fusible 6.3A, AC250V
du même type.
(F701)

Precautions for using lead-free solder

■Employing lead-free solder

- "PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:

LF a

Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

■Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40 °C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

■Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220 °C which is higher than the conventional lead solder by 40 °C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No.	★	Description	Code
ZHNDAi123250E	J	φ0.3mm 250g(1roll)	BL
ZHNDAi126500E	J	φ0.6mm 500g(1roll)	BK
ZHNDAi12801KE	J	φ1.0mm 1kg(1roll)	BM

CHAPTER 1. OPERATION MANUAL**[1] Specifications**

Product type	Projector
Model	XG-MB50X-L/XR-11XC-L/XR-10X-L/XR-10S-L/XR-HB007X-L
Video system	NTSC3.58/NTSC4.43/PAL/PAL-M/PAL-N/PAL-60/SECAM/DTV480I/DTV480P/DTV540P/DTV576I/DTV576P/DTV720P/DTV1035I/DTV1080I/DTV1080I-50
Display method	Single Chip Digital Micromirror Device™ (DMD™) by Texas Instruments
DMD panel	Panel size: [XG-MB50X-L/XR-11XC-L/XR-10X-L/XR-HB007X-L] 0.55" (14 mm), 1chip XGA DMD [XR-10S-L] 0.55" (14 mm), 1chip SVGA DMD No. of dots: [XG-MB50X-L/XR-11XC-L/XR-10X-L/XR-HB007X-L] 786,432 dots (1,024 [H] x 768 [V]) [XR-10S-L] 480,000 dots (800 [H] x 600 [V])
Lens	[XG-MB50X-L/XR-11XC-L/XR-10X-L/XR-10S-L/XR-HB007X-L] 1-1.15 zoom lens, F2.4-2.6, f = 19.0-21.9 mm
Projection lamp	[XG-MB50X-L/XR-11XC-L/XR-10X-L/XR-10S-L/XR-HB007X-L] 220 W DC lamp (AN-XR10L2)
Component input signal (INPUT 1/2)	15-pin mini D-sub connector Y: 1.0 Vp-p, sync negative, 75 Ω terminated P _B : 0.7 Vp-p, 75 Ω terminated P _R : 0.7 Vp-p, 75 Ω terminated
Horizontal resolution	[XG-MB50X-L/XR-11XC-L/XR-10X-L/XR-HB007X-L] 600 TV lines (DTV720P) [XR-10S-L] 520 TV lines (DTV720P)
Computer RGB input (INPUT 1/2)/output (OUTPUT) signal	15-pin mini D-sub connector RGB separate/sync on green type analog input: 0-0.7 Vp-p, positive, 75 Ω terminated HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) VERTICAL SYNC. SIGNAL: Same as above
S-video input signal (INPUT 3)	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
Video input signal (INPUT 4)	RCA connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated
Vertical frequency	45-85 Hz
Horizontal frequency	15-70 kHz
Pixel clock	12-108 MHz
RS-232C terminal	9-pin mini DIN connector
Audio input signal	φ3.5 mm minijack or RCA terminal: 0.5 Vrms, more than 22 kΩ (stereo)
Audio output signal (AUDIO OUTPUT 1-4)	φ3.5 mm minijack: 0.5 Vrms, less than 2.2 kΩ
Speaker system	4 cm x 2.85 cm oval x 1
Rated voltage	AC 100-240 V
Input current	[XG-MB50X-L/XR-11XC-L/XR-10X-L/XR-10S-L/XR-HB007X-L] 3.0 A
Rated frequency	50/60 Hz
Power consumption	[XG-MB50X-L/XR-10X-L/XR-HB007X-L] 298 W ("Bright" mode)/229 W ("Eco + Quiet" mode) with AC 100 V [XR-11XC-L/XR-10S-L] 288 W ("Bright" mode)/223 W ("Eco + Quiet" mode) with AC 240 V
Power consumption (standby)	4.7 W (AC 100 V) - 6.1 W (AC 240 V)
Heat dissipation	[XG-MB50X-L/XR-10X-L/XR-HB007X-L] 1,120 BTU/hour ("Bright" mode)/860 BTU/hour ("Eco + Quiet" mode) with AC 100 V [XR-11XC-L/XR-10S-L] 1,080 BTU/hour ("Bright" mode)/840 BTU/hour ("Eco + Quiet" mode) with AC 240 V
Operating temperature	41°F to 95°F (+5°C to +35°C)
Storage temperature	-4°F to 140°F (-20°C to +60°C)
Cabinet	Plastic
I/R carrier frequency	38 kHz
Dimensions (approx.)	12 ¹³ / ₃₂ " x 4 ¹⁹ / ₆₄ " x 11 ¹ / ₃₂ " (315 (W) x 109 (H) x 280 (D) mm) (main body only) 12 ¹³ / ₃₂ " x 4 ⁴⁷ / ₆₄ " x 11 ³⁷ / ₆₄ " (315 (W) x 120 (H) x 294 (D) mm) (including adjustment foot and projecting parts)
Weight (approx.)	8.6 lbs. (3.9 kg)
Replacement parts	Remote control, Power cord, RGB cable, 3 RCA to 15-pin D-sub cable, DIN-D-sub RS-232C adaptor, Operation manual, Dust filter

As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

[2] Parts Name and Basic Operation

Part Names and Functions

Projector

Top View

Power indicator

Lamp indicator

Temperature warning indicator

STANDBY/ON button

For turning the power on and putting the projector into standby mode.

ENTER button
For setting items selected or adjusted on the menu.

KEystone button
For entering the Keystone Correction mode.

Volume buttons

(- / +)
For adjusting the speaker sound level.

INPUT button (▲ / ▼)
For switching input mode 1, 2, 3 or 4.

MENU/HELP button
For displaying adjustment and setting screens, and help screen.

Adjustment buttons
(▲ / ▼ / ◀ / ▶)
For selecting menu items.

Front View

Focus ring
For adjusting the focus.

Intake vent

Zoom ring
For enlarging/reducing the picture.

Remote control sensor

HEIGHT ADJUST lever

Push both sides of the lens cap to attach or remove.

Rear View

Terminals Refer to "INPUT Terminals and Connectable Main Equipment".

AUDIO (INPUT 1, 2)
terminal (Shared for
INPUT 1 and 2)

INPUT 1 and
INPUT 2 terminals
Terminals for
computer RGB
and component
signals.

OUTPUT (INPUT 1, 2)
terminal
(Shared computer RGB and
component signals output
terminal for INPUT 1 and 2)
Terminal for connecting a
monitor.

INPUT 3 terminal
Terminal for connect-
ing video equipment
with an S-video
terminal.

RS-232C
terminal
Terminal for
controlling the
projector using
a computer.

AUDIO OUTPUT
terminal
Audio output
terminal of
equipment
connected to the
AUDIO INPUT
terminal.

AUDIO (INPUT
3, 4) terminal
(Shared for
INPUT 3 and 4)

INPUT 4 terminal
Terminal for
connecting video
equipment.

Exhaust vent

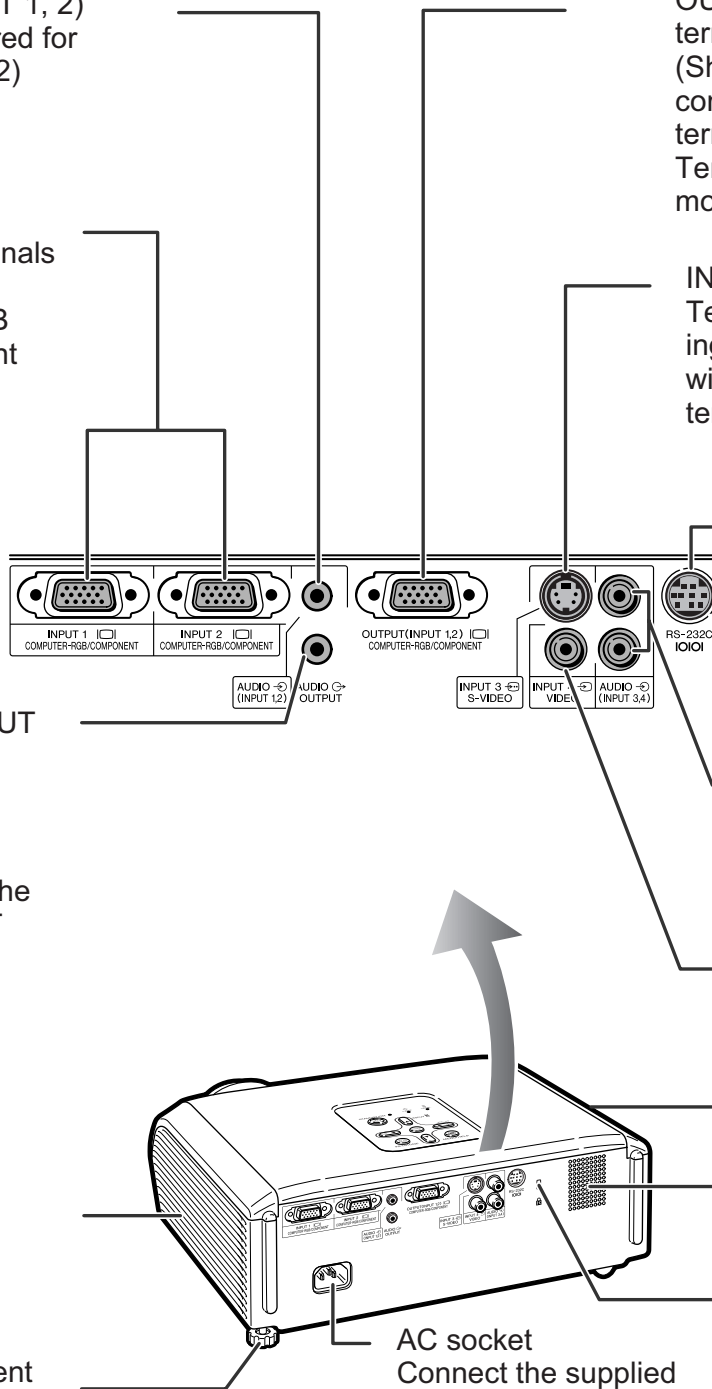
Speaker

Kensington Security
Standard connector

AC socket
Connect the supplied
Power cord.

Intake vent

Rear adjustment
foot



Using the Kensington Lock

- This projector has a Kensington Security Standard connector for use with a Kensington Micro Saver Security System. Refer to the information that came with the system for instructions on how to use it to secure the projector.

STANDBY button
For putting the projector into the standby mode.

KEystone button
For entering the Keystone Correction mode.

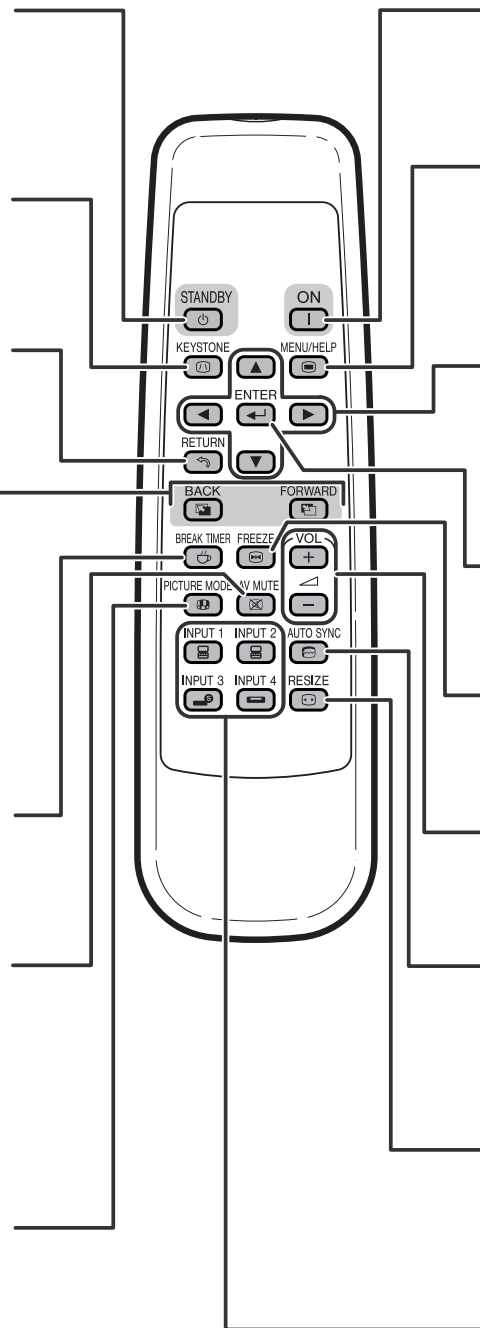
RETURN button
For returning to the previous menu screen during menu operations.

FORWARD/BACK buttons
Same function as the [Page Down] and [Page Up] keys on a computer keyboard when using the optional Remote Receiver (AN-MR2).

BREAK TIMER button
For displaying the break time.

AV MUTE button
For temporarily displaying a black screen and turning off the sound.

PICTURE MODE button
For selecting the appropriate picture.



ON button
For turning the power on.

MENU/HELP button
For displaying adjustment and setting screens, and help screen.

Adjustment buttons
(▲/▼/◀/▶)
• For selecting menu items.
• For adjusting the Keystone Correction when in the Keystone Correction mode.

ENTER button
For setting items selected or adjusted on the menu.

FREEZE button
For freezing images.

Volume buttons
For adjusting the speaker sound level.

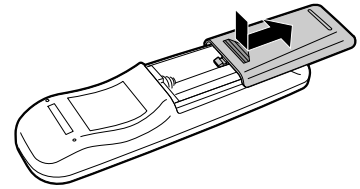
AUTO SYNC button
For automatically adjusting images when connected to a computer.

RESIZE button
For switching the picture size (NORMAL, BORDER, etc.).

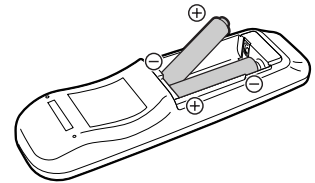
INPUT 1, 2, 3 and 4 buttons
For switching to the respective input modes.

Inserting the Batteries

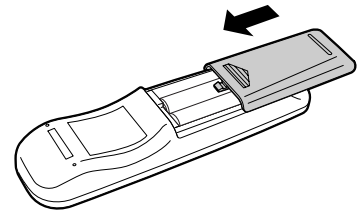
- 1** Press the ▲ mark on the cover and slide it in the direction of the arrow.



- 2** Insert the batteries.
 - Insert the batteries making sure the polarities correctly match the ⊕ and ⊖ marks inside the battery compartment.



- 3** Attach the cover and slide it until it clicks into place.



Incorrect use of the batteries may cause them to leak or explode. Please follow the precautions below.

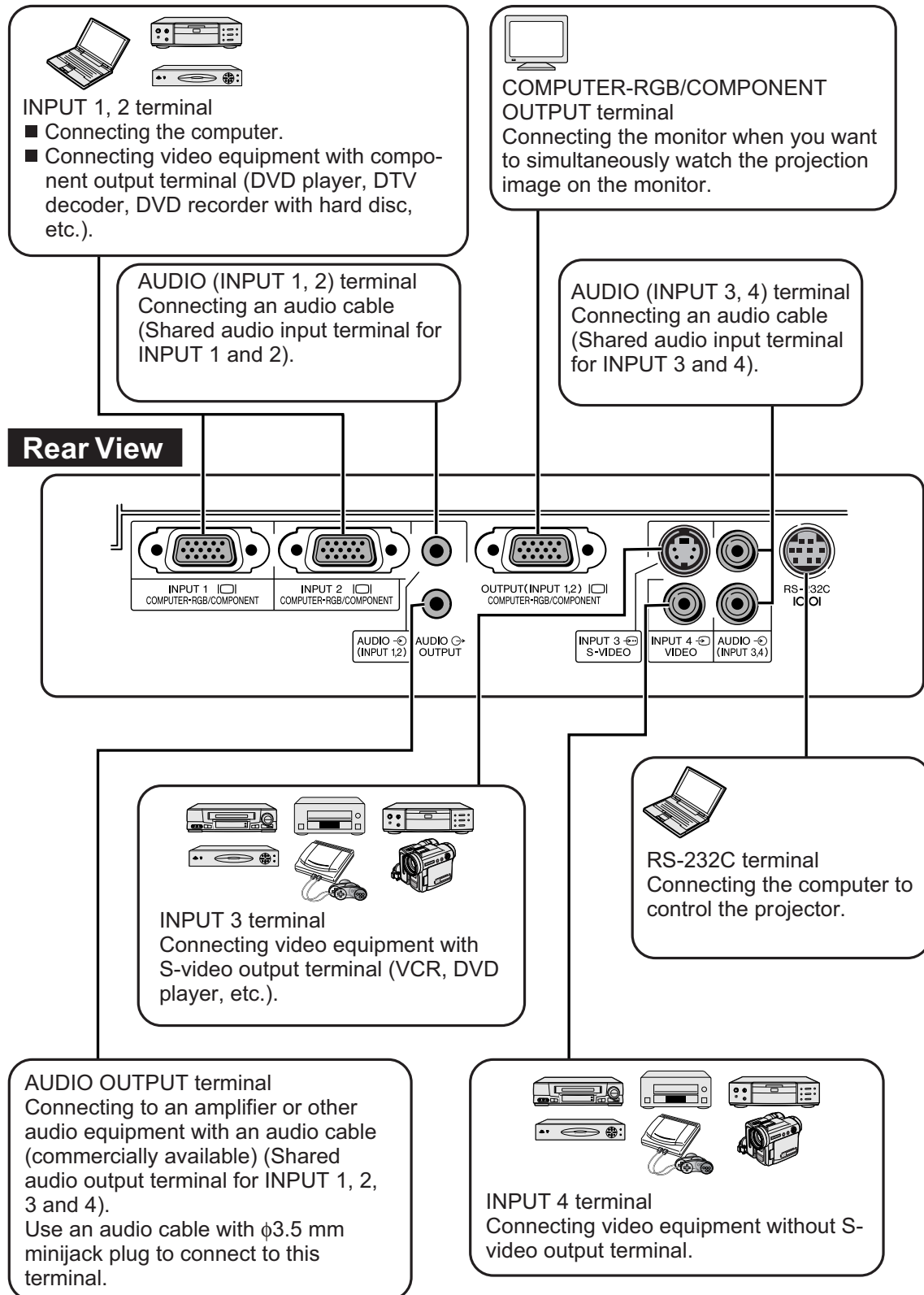


Caution

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Insert the batteries making sure the polarities correctly match the ⊕ and ⊖ marks inside the battery compartment.
- Batteries of different types have different properties, therefore do not mix batteries of different types.
- Do not mix new and old batteries. This may shorten the life of new batteries or may cause old batteries to leak.
- Remove the batteries from the remote control once they have run out, as leaving them in can cause them to leak. Battery fluid from leaked batteries is harmful to skin, therefore ensure you wipe them first and then remove them using a cloth.
- The batteries included with this projector may run down in a short period, depending on how they are kept. Be sure to replace them as soon as possible with new batteries.
- Remove the batteries from the remote control if you will not be using the remote control for a long time.
- Comply with the rules (ordinance) of each local government when disposing of worn-out batteries.

Connections

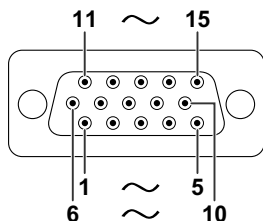
INPUT Terminals and Connectable Main Equipment





Connecting Pin Assignments

COMPUTER-RGB/COMPONENT INPUT1, 2 and COMPUTER-RGB/COMPONENT OUTPUT Terminals: 15-pin mini D-sub female connector



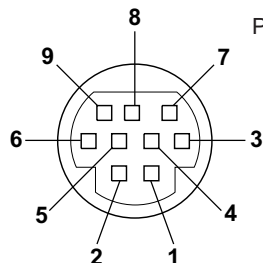
COMPUTER-RGB Input/Output

1. Video input (red)
2. Video input (green/sync on green)
3. Video input (blue)
4. Not connected
5. Not connected
6. Earth (red)
7. Earth (green/sync on green)
8. Earth (blue)
9. Not connected
10. GND
11. Not connected
12. Bi-directional data
13. Horizontal sync signal: TTL level
14. Vertical sync signal: TTL level
15. Data clock

Component Input/Output

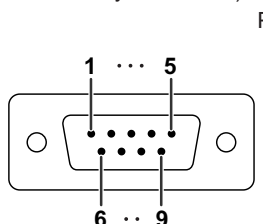
1. PR (CR)
2. Y
3. PB (CB)
4. Not connected
5. Not connected
6. Earth (PR)
7. Earth (Y)
8. Earth (PB)
9. Not connected
10. Not connected
11. Not connected
12. Not connected
13. Not connected
14. Not connected
15. Not connected

RS-232C Terminal: 9-pin mini DIN female connector



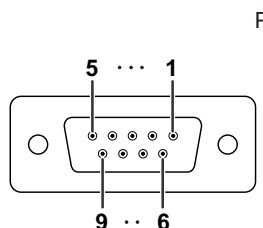
Pin No.	Signal	Name	I/O	Reference
1.				Not connected
2.	RD	Receive Data	Input	Connected to internal circuit
3.	SD	Send Data	Output	Connected to internal circuit
4.				Not connected
5.	SG	Signal Ground		Connected to internal circuit
6.				Not connected
7.	RS	Request to Send		Connected to CS in internal circuit
8.	CS	Clear to Send		Connected to RS in internal circuit
9.				Not connected

RS-232C Terminal: 9-pin D-sub male connector of the DIN-D-sub RS-232C adaptor* (optional accessory: AN-A1RS) * This adaptor is only supplied with PG-MB66X/PG-MB56X/XG-MB50X-L.



Pin No.	Signal	Name	I/O	Reference
1.				Not connected
2.	RD	Receive Data	Input	Connected to internal circuit
3.	SD	Send Data	Output	Connected to internal circuit
4.				Not connected
5.	SG	Signal Ground		Connected to internal circuit
6.				Not connected
7.	RS	Request to Send		Connected to CS in internal circuit
8.	CS	Clear to Send		Connected to RS in internal circuit
9.				Not connected

RS-232C Cable recommended connection: 9-pin D-sub female connector



Pin No.	Signal	Pin No.	Signal
1.	CD	1.	CD
2.	RD	2.	RD
3.	SD	3.	SD
4.	ER	4.	ER
5.	SG	5.	SG
6.	DR	6.	DR
7.	RS	7.	RS
8.	CS	8.	CS
9.	CI	9.	CI



Note

- Depending on the controlling device used, it may be necessary to connect Pin 4 and Pin 6 on the controlling device (e.g. computer).



[4] Regarding the lamp

Regarding the Lamp

Lamp

- It is recommended that the lamp (sold separately) be replaced when the remaining lamp life becomes 5% or less, or when you notice a significant deterioration in the picture and color quality. The lamp life (percentage) can be checked with the on-screen display.
- Purchase a replacement lamp of type AN-XR10L2 from your place of purchase, nearest Sharp Authorized Projector Dealer or Service Center.

IMPORTANT NOTE TO U.S. CUSTOMERS:

The lamp included with this projector is backed by a 90-day parts and labor limited warranty. All service of this projector under warranty, including lamp replacement, must be obtained through a Sharp Authorized Projector Dealer or Service Center. For the name of the nearest Sharp Authorized Projector Dealer or Service Center, please call toll-free: 1-888-GO-SHARP (1-888-467-4277).

Hg LAMP CONTAINS MERCURY For State Lamp Disposal Information

www.lamprecycle.org or 1-800-BE-SHARP

U.S.A. ONLY

Caution Concerning the Lamp

- This projector utilizes a pressurized mercury lamp. A loud sound may indicate lamp failure. Lamp failure can be attributed to numerous sources such as: excessive shock, improper cooling, surface scratches or deterioration of the lamp due to a lapse of usage time.
The period of time up to failure largely varies depending on the individual lamp and/or the condition and the frequency of use. It is important to note that failure can often result in the bulb cracking.
- When the lamp replacement indicator and on-screen display icon are illuminated, it is recommended that the lamp be replaced with a new one immediately, even if the lamp appears to be operating normally.
- Should the lamp break, there is also a possibility that glass particles may spread inside of the projector. In such a case, it is recommended you contact your nearest Sharp Authorized Projector Dealer or Service Center to assure safe operation.
- Should the lamp break, the glass particles may spread inside the lamp cage or gas contained in the lamp may be vented into the room from the exhaust vent. Because the gas in this lamp includes mercury, ventilate the room well if the lamp breaks and avoid all exposure to the released gas. In case of exposure to the gas, consult a doctor as soon as possible.

Replacing the Lamp



Caution

- Do not remove the lamp unit from the projector right after use. The lamp will be very hot and may cause burn or injury.
- **Carefully change the lamp by following the instructions described in this section. * If you wish, you may have the lamp replaced at your nearest Sharp Authorized Projector Dealer or Service Center.**
- * If the new lamp does not light after replacement, take your projector to the nearest Sharp Authorized Projector Dealer or Service Center for repair.

Removing and Installing the Lamp Unit

Warning!

- Do not remove the lamp unit from the projector right after use. The lamp and parts around the lamp will be very hot and may cause burns or injury.

Info

- Make sure that you remove the lamp unit by the handle. Do not touch the glass surface of the lamp unit or the inside of the projector.
- To avoid injury to yourself and damage to the lamp, make sure you carefully follow the steps below.
- Do not loosen other screws except for the lamp unit cover and lamp unit.

- 1 Press  STANDBY/ON on the projector or  STANDBY on the remote control to put the projector into standby mode.**

- Wait until the cooling fan stops.

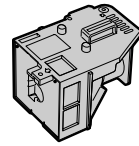
- 2 Disconnect the power cord.**

- Unplug the power cord from the AC socket.
- Leave the lamp until it has fully cooled down (about 1 hour).

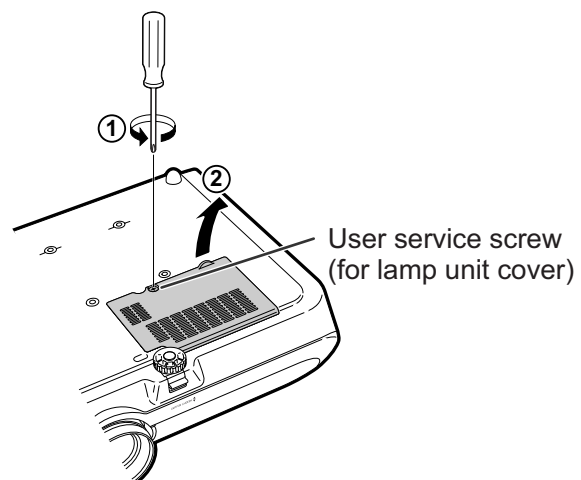
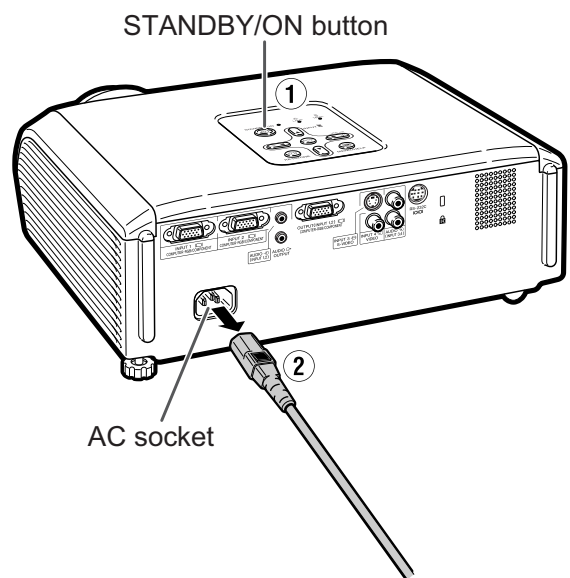
- 3 Remove the lamp unit cover.**

- Turn the projector over. Loosen the user service screw (1) that secures the lamp unit cover. Remove the lamp unit cover (2).

Optional accessory



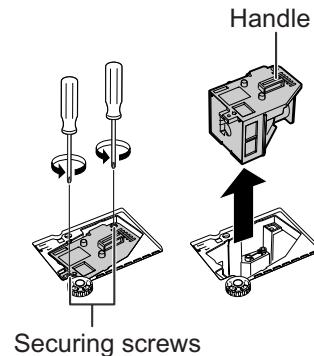
Lamp unit
AN-XR10L2
(for XG-MB50X-L/
XR-11XC-L/XR-10X-L/
XR-10S-L/
XR-HB007X-L)



Regarding the Lamp (Continued)

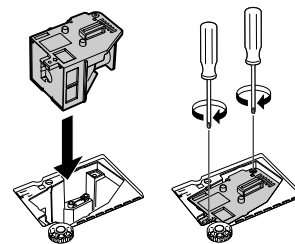
4 Remove the lamp unit.

- Loosen the securing screws from the lamp unit. Hold the lamp unit by the handle and pull it in the direction of the arrow. At this time, keep the lamp unit horizontal and do not tilt it.



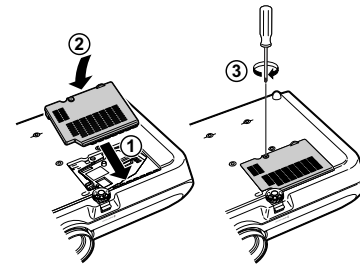
5 Insert the new lamp unit.

- Press the lamp unit firmly into the lamp unit compartment. Fasten the securing screws.



6 Replace the lamp unit cover.

- Align the tab on the lamp unit cover (1) and place it while pressing the tab (2) to close it. Then tighten the user service screw (3) to secure the lamp unit cover.



Info

- If the lamp unit and lamp unit cover are not correctly installed, the power will not turn on, even if the power cord is connected to the projector.

Resetting the Lamp Timer

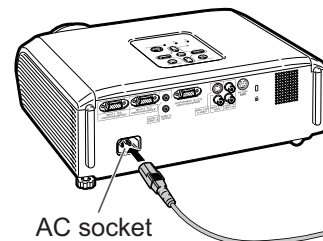
Reset the lamp timer after replacing the lamp.

Info

- Make sure to reset the lamp timer only when replacing the lamp. If you reset the lamp timer and continue to use the same lamp, this may cause the lamp to become damaged or explode.

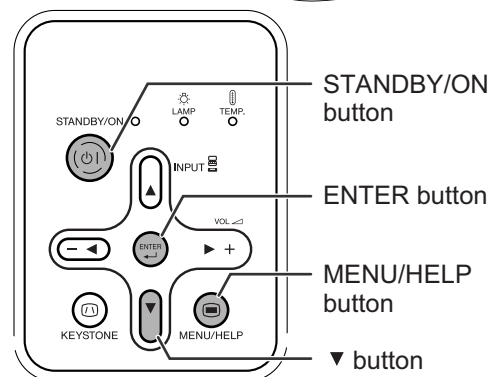
1 Connect the power cord.

- Plug the power cord into the AC socket of the projector.



2 Reset the lamp timer.

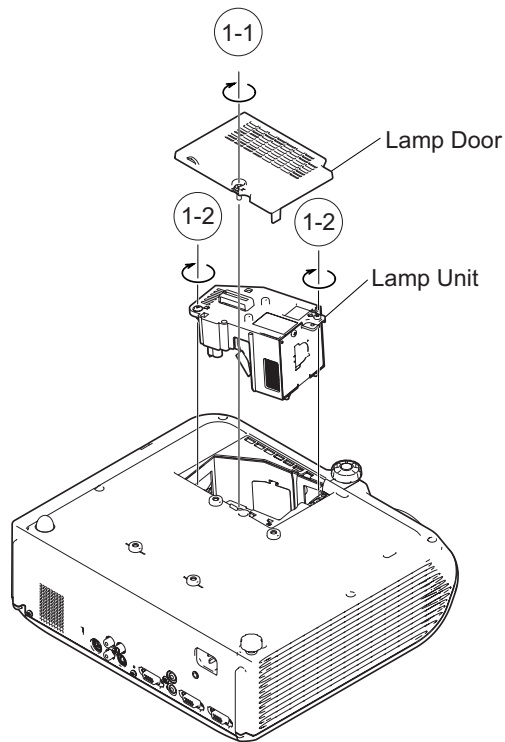
- While simultaneously holding down **ENTER** and **▼** on the projector, press **STANDBY/ON** on the projector. "LAMP 0000H" is displayed, indicating that the lamp timer is reset.



CHAPTER 2. REMOVING OF MAJOR PARTS

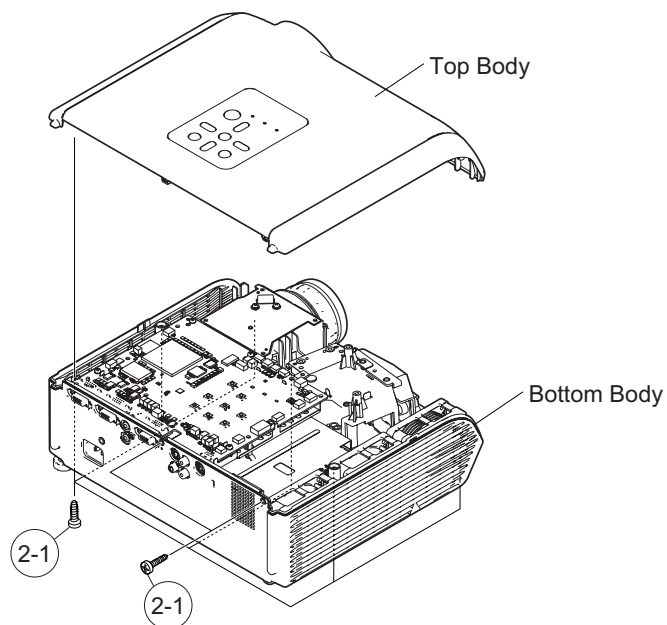
[1] Removing the lamp door and the lamp unit

1. Loosen the lamp door fixing screw. Lift off the lamp door.
2. Remove 2 lamp unit fixing screws to detach the lamp unit.



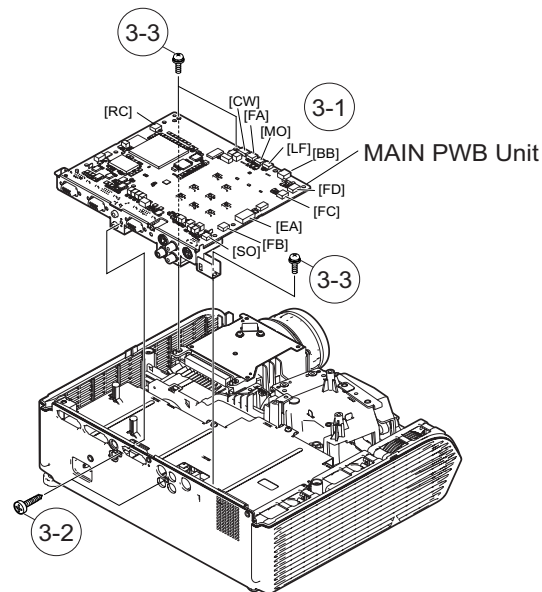
[2] Removing the top body

1. Remove 8 top body fixing screws to detach the Top body.



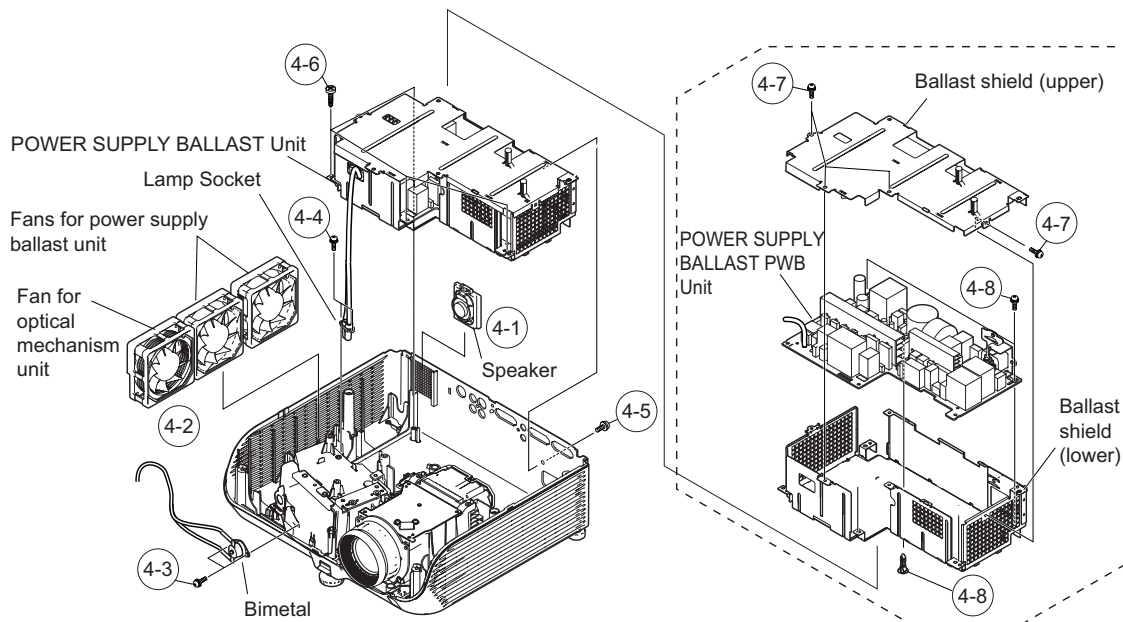
[3] Removing the main PWB unit

1. Remove all connectors from the main PWB unit.
2. Remove 2 terminal fixing screws.
3. Remove 3 main PWB fixing screws to detach the main PWB unit.



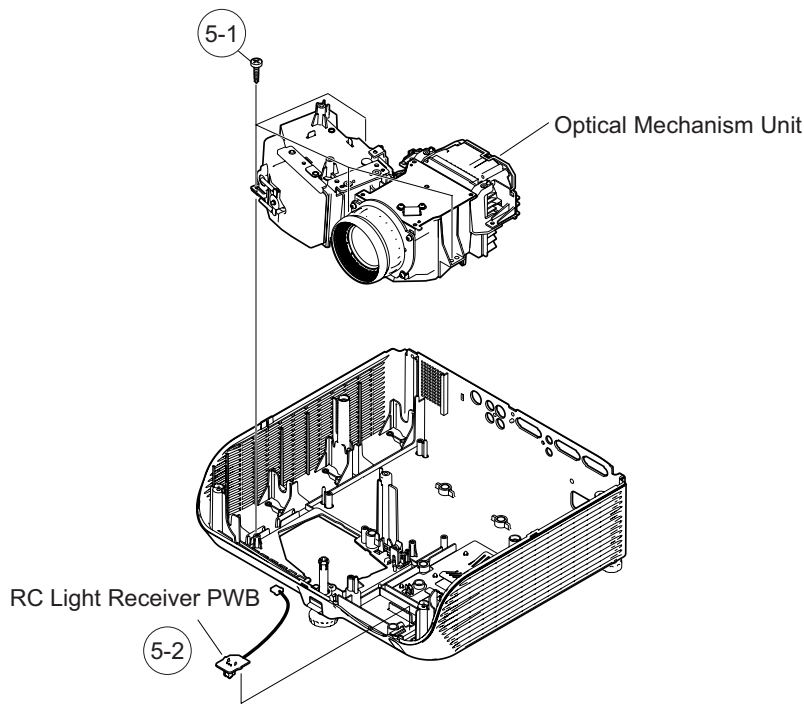
[4] Removing the speaker, fan, and power supply ballast unit

1. Remove the speaker.
2. Remove 2 fans for the power supply ballast unit and 1 fan for the optical mechanism unit.
3. Remove 2 bimetal fixing screws to detach the bimetal.
4. Remove 2 lamp socket fixing screws to detach the lamp socket.
5. Remove 1 inlet fixing screw.
6. Remove 4 ballast unit fixing screws to detach the power supply ballast unit.
7. Remove 4 ballast shield (upper) fixing screws to detach the ballast shield (upper).
8. Remove 2 ballast PWB fixing screws and 1 clip to detach the power supply PWB unit from the ballast shield (lower).



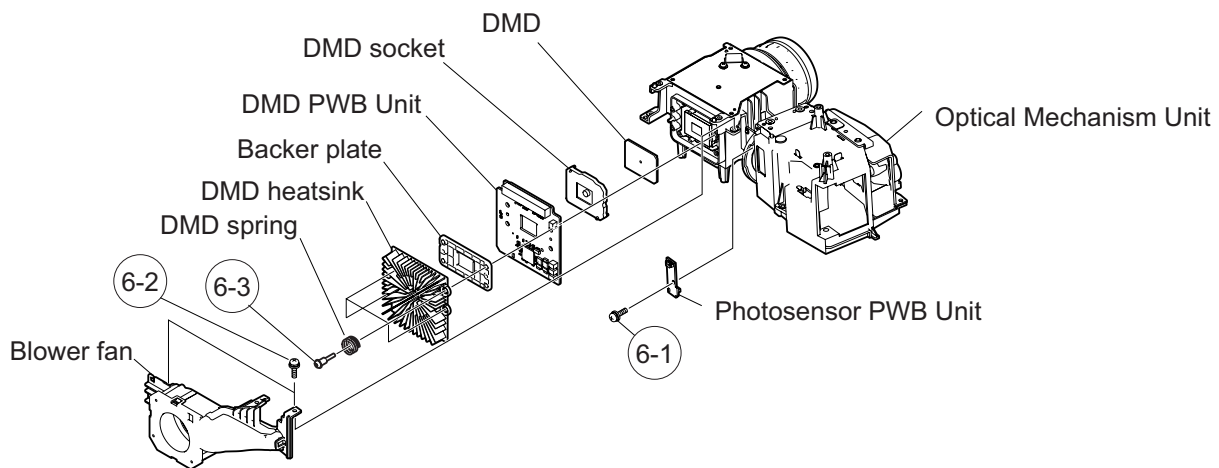
[5] Removing the optical mechanism unit and RC light receiver PWB

1. Remove 4 optical mechanism unit fixing screws to detach the optical mechanism unit.
2. Remove the RC light receiver PWB unit.



[6] Removing the photosensor PWB unit, blower fan, DMD PWB, and DMD

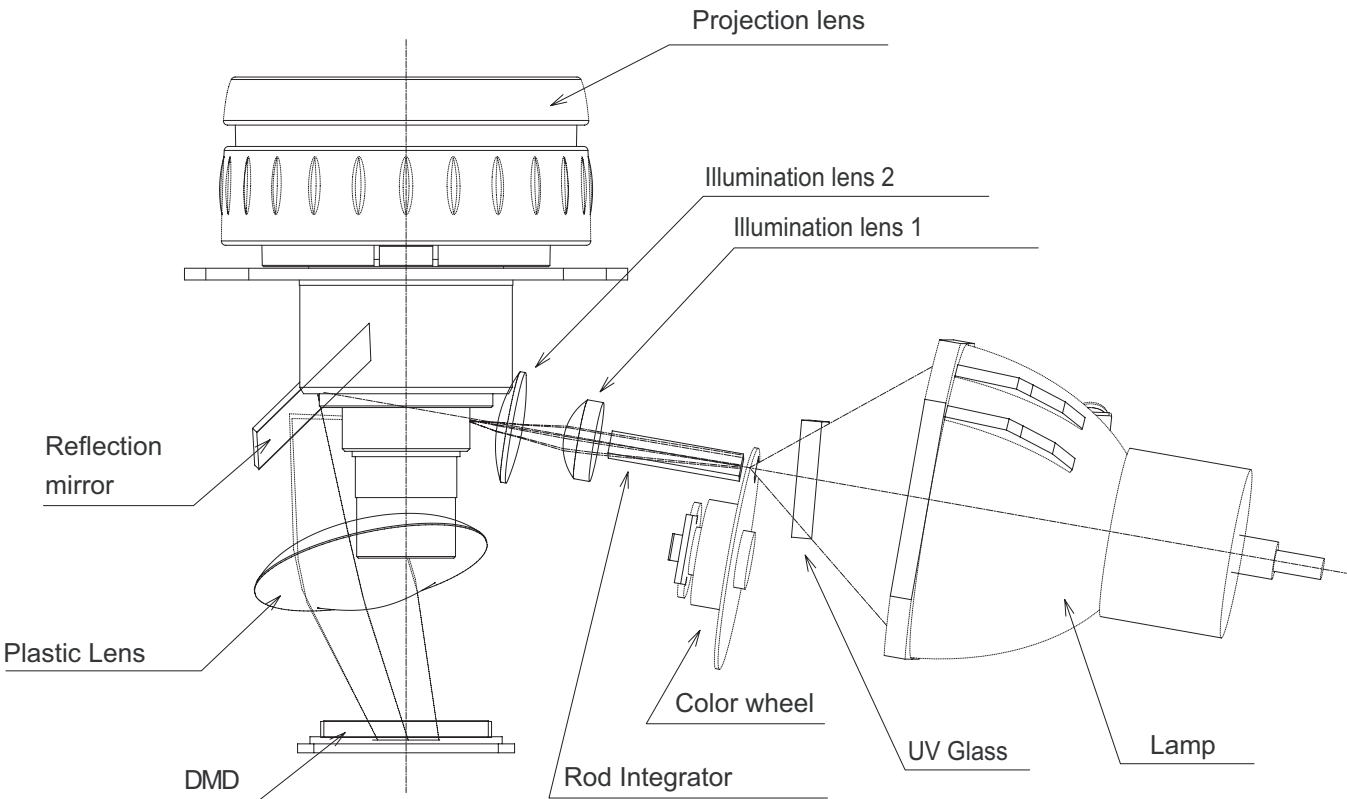
1. Remove 1 photosensor PWB fixing screw to detach the photosensor PWB.
2. Remove 2 blower fan fixing screws to detach the blower fan.
3. Remove 4 DMD heatsink fixing screws to detach the DMD PWB unit and the DMD.



CHAPTER 3. THE OPTICAL UNIT OUTLINE

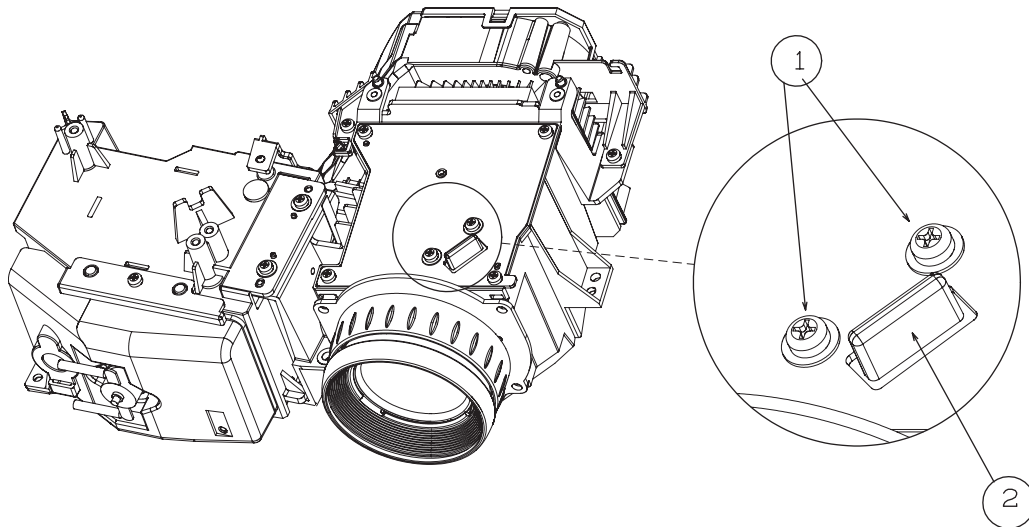
[1] THE OPTICAL UNIT OUTLINE

1. Layout for proper setup of the optical components and parts (top view)
(Schematic diagram)



Item	Function
Lamp	Light source. DC high-pressure mercury lamp.
UV/IR cut filter (UV GLASS)	Filters out harmful UV and IR rays from the lamp.
Color wheel	Splits light from the light source into R, G, B and W through a color filter.
Rod (ROD INTEGRATOR)	Assures uniform light ray.
Illumination lens (ILLUMINATION LENS 1, 2)	Focus light from the rod on DMD.
Reflection mirror	Reflects light from the illumination lenses toward DMD.
Condencer Lens (PLASTIC LENS)	Condenses the light from the reflection mirror to the DMD and the pupil of the projection lens.
DMD	Turns the internal micromirror ON/OFF at the rate of color component of each dot of the input source to reflect light.
Projection lens	Enlarges light from DMD and projects it on a screen.

2. When the DMD unit has been replaced



If shading shown in Figure 1 appears on the screen after replacing DMD, turn the adjustment screw of the optical engine to adjust the lighting area of DMD.

1. Loosen the adjustment lever fixing screw ①. After adjusting the lighting area with the adjustment lever ②, tighten the adjustment lever fixing screw ①.

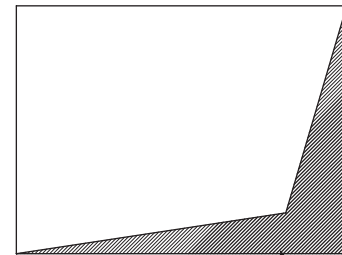
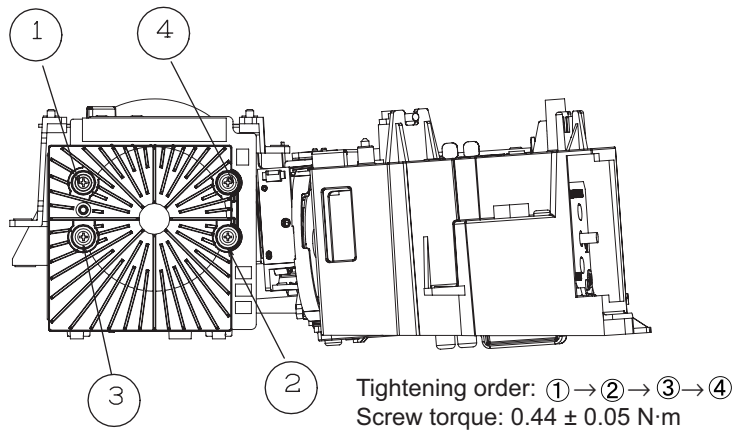


Fig. 1

Shading

When mounting DMD, tighten the 4 screws evenly.

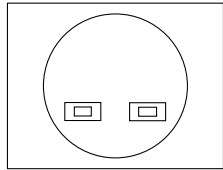
CHAPTER 4. ELECTRICAL ADJUSTMENT

[1] ELECTRICAL ADJUSTMENT

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	EEPROM initialization	1. Turn on the power (with the lamp on) and warm up the set for 15 minutes.	•Make the following settings. Press S2551 to call the process mode and execute "SS2" on SS menu.
2	Model setting	(Process menu) 1. Select the following group and subject. Group: CONFIRM Subject: MODEL	1. Set as below. 10X-L/10S-L : 2 MB50X-L : 3 11XC-L : 4 HB007X-L : 5
3	Adjustment of CW index	1. Signal input: Send 256 STEP color bar. XGA series (XGA60HZ), SVGA series (SVGA60HZ) 2. Select the following group and subject. Group: ADJUST CW/Auto KS Subject: CW-INDEX.	1. Feed the signal to input 1. 2. Select the adjustment item and adjust the lamp gradation patterns of RGBW so that smooth patterns without noise appear. <div style="border: 1px solid black; padding: 5px; width: fit-content;"> W <input style="width: 100px;" type="text"/> R <input style="width: 100px;" type="text"/> G <input style="width: 100px;" type="text"/> B <input style="width: 100px;" type="text"/> </div>
4	R/G/B contrast adjustment (manual or automatic)	1. Select the following group and subjects. Group : ADJUST AD/DLP Subject : R-CONT G-CONT B-CONT (Process GAMMA interlock) 2. Feed white signal with the amplitude level of 96% (0.67Vpp). XGA series (XGA60HZ), SVGA series (SVGA60HZ)	1. Measure chromaticity of the 96% white wind pattern using CA100. 2. On the screen where bit dropouts occur, raise the values of R/G/B-Contrast. Adjust the values so that bright red, green, and blue bit dropouts appear on a black background; and amounts of change in x value of R and y values of G/B become 100/1000 or more. 3. If adjustment is performed manually watching the screen, make adjustment so that bright red, green, and blue bit dropouts appear on more than half of the screen.
5	RGB white balance adjustment	1. Feed the 50% gray signal. XGA series (XGA60HZ), SVGA series (SVGA60HZ) 2. Select the following group and subjects. Group : ADJUST AD/DLP Subject : R-GAIN G-GAIN B-GAIN	1. Raise the values of two of R/G/B-GAIN (default: 100) so that the following chromaticity values are obtained using CL200. x value: 300 ± 5 y value: 320 ± 5
6	sRGB white balance adjustment	1. Feed the 50% gray signal. XGA series (XGA60HZ), SVGA series (SVGA60HZ) 2. Select the following group and subjects. Group : CONFIRM/DLP Subject : S-G-OS S-B-OS	1. Adjust S-G-OS and S-B-OS so that the following chromaticity values are obtained using CL200. x value: 313 ± 5 y value: 329 ± 5
7	Audio output check	1. Select the following group and subjects. Group : ADJUST CW/Auto KS Subject : CAL	1. Check that the start-up sound is heard from the speaker when the ENTER key is pressed.

Check items

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	1 Adjustment of RGB brightness	1. Select the following group and subjects. Group : CONFIRM/AD Subject : R-BRIGHT G-BRIGHT B-BRIGHT (Process GAMMA interlock)	1. Check the fixed value. Fixed value : 127

No.	Adjusting point	Adjusting conditions	Adjusting procedure
2	Adjustment of Component offset	1. Feed 10-step signal with 480P component 100% amplitude. 2. Select the following group and subjects. Group : CONFIRM/AD Subject : C-R-OS C-B-OS (Process GAMMA interlock)	1. Check the fixed value. C-R-OS : 260 C-B-OS : 260
3	Adjustment of DLP Brightness	1. Select the following group and subject. Group : CONFIRM/DLP Subject : R-BLK G-BLK B-BLK (Process GAMMA interlock)	1. Check the fixed value. Fixed value : 256
4	Video Contrast adjustment	1. Feed NTSC 100% wind pattern signal. (Signal with burst) 2. Select the following group and subjects. Group : CONFIRM/VIDEO Subject : V-CONT	1. Check the fixed value. Fixed value : 124
5	Adjustment of Video Brightness	1. Feed NTSC 100% wind pattern signal. (Signal with burst) 2. Select the following group and subject. Group : CONFIRM/VIDEO Subject : V-BRIGHT	1. Check the fixed value. Fixed value : 68
6	Adjustment of Video Tint	1. Feed split color bar. 2. Select the following group and subject. Group : CONFIRM/VIDEO Subject : V-HUE	1. Check the fixed value. Fixed value : 128
7	Adjustment of Video color saturation	1. Select the following group and subject. Group : CONFIRM/VIDEO Subject : V-COLOR	1. Check the fixed value. Fixed value : 154
8	RGB tone reproduction adjustment	1. Feed the SMPTE pattern signal.	1. Make sure the 100% and 95% white as well as the 0% and 5% black gradations are visible. 
9	VIDEO white balance adjustment	1. Feed the 50% gray signal. 2. Select the following group and subjects. Group : CONFIRM/VIDEO Subject : V-R-OS V-B-OS	1. V-R-OS is 132. V-B-OS is 132.
10	White balance checking and readjustment	1. RGB Input sRGB Input VIDEO Input DTV Input DVD Input	Check that there is no deviation of white balance with the monitor.
11	Off-timer performance	1. Select the following group and subjects. Group : CONFIRM/CHECK Subject : TEMP-OFF	1. Select OFF from the process mode. Make sure the off-timer starts with 5 minutes onscreen and count one minute in one second. And then indication is 0 minute, the power supply of the set is cut off.
12	Thermistor performance checking	1. Heat the thermistor with a hair dryer.	1. Make sure that the temperature is indicated.
13	Auto sync performance checking	1. Feed the phase check pattern signal.	1. In the VGA, SVGA, XGA and SXGA modes, make sure the Clock, Phase, H-Pos and V-Pos settings can be automatically adjusted.
14	Monitor out check	1. Send signals to INPUT 1 and INPUT 2. 2. Connect another monitor to the monitor out. 3. Connect the audio OUT.	1. Check that the same images as seen on the screen appear on the connected monitor and that the sound from the sound source connected to the audio OUT is heard.
15	RS232C operation check	1. Connect the unit and a PC with the RS232C cable.	1. Send a command from the PC, and check it functions correctly.
16	Model name and version check	1. Select the following group. Group : INFO/VERSION.	1. The model name appears in the MODEL field, and the firmware version in the VERSION field. Check that they are correct.

No.	Adjusting point	Adjusting conditions	Adjusting procedure												
17	Delivery settings		<div>1. Make the following settings.</div> <table><tr><td>Destination</td><td>Process adjustment</td><td>Remote control adjustment</td></tr><tr><td>USA</td><td>SS4</td><td>Factory setting at 4</td></tr><tr><td>China</td><td>SS6</td><td>Factory setting at 6</td></tr><tr><td>Others</td><td>SS3</td><td>Factory setting at 3</td></tr></table>	Destination	Process adjustment	Remote control adjustment	USA	SS4	Factory setting at 4	China	SS6	Factory setting at 6	Others	SS3	Factory setting at 3
Destination	Process adjustment	Remote control adjustment													
USA	SS4	Factory setting at 4													
China	SS6	Factory setting at 6													
Others	SS3	Factory setting at 3													

* Writing a software program (before main PWB is mounted)

Use the DLP Composer Lite Ver. 4.2 or higher to download the firmware.

After writing the specified version of firmware to the PWB using the RS232C cable, check the version of the written firmware.

If no software program is written, all three LEDs light up in the chassis inspection process.

Calling and quitting the process mode with the control keys on this model.

* Although it is possible for the process OUT to exit using the process menu, the IN/OUT toggle command is also available considering the existing specification.

1) Calling and quitting

With the menu not displayed, press the "ENTER", "ENTER", "VOL+", "VOL-", "ENTER", "ENTER" and "MENU" keys on the remote control (one for C50/45 or P25/20 system is also usable) or on the main unit.

2) Others

Press the S2551 process key (toggle) on the main PWB to call and quit the process menu.

NOTE: When adjusting in the process mode, set a signal with a vertical frequency of 60 Hz or no signal. (May not be properly adjusted with other signals.)

Resetting the lamp timer for this model

1) Resetting procedure

In Stand-by, run this command to clear the operating time of the lamp to 0 and turn on the power.

Press and hold "▼", "ENTER", and "MENU", and then press the "STANDBY/ON" key of the set.

Forced disabling of the System-Lock of this model

1) Disabling procedure

With System-Lock input window onscreen, press the "MENU", "ENTER", "ENTER", "MENU", "ENTER", "ENTER" and "MENU" keys, in this order, on the remote controller.

[2] Adjustment mode process menu

1st Layer	2nd Layer		Default
ADJUST	CW/Auto KS	CW-INDEX	20
		CAL	
		K-SENS	(0)
	AD/DLP	R-CONT	110
		G-CONT	110
		B-CONT	110
		R-GAIN	100
		G-GAIN	100
		B-GAIN	100
	SS	SS1	—
		SS2	—
		SS3	—
		SS4	—
		SS5	—
		SS6	—
CONFIRM	AD	R-BRIGHT	127
		G-BRIGHT	127
		B-BRIGHT	127
		C-R-OS	260
		C-B-OS	260
	DLP	R-BLK	256
		G-BLK	256
		B-BLK	256
		S-R-OS	128
		S-G-OS	128
		S-B-OS	128
	VIDEO	V-CONT	124
		V-BRIGHT	68
		V-COLOR	154
		V-HUE	128
		V-R-OS	132
		V-G-OS	128
		V-B-OS	132
		OFFSET-MODE	0
		OFFSET-CONT	0
		OFFSET-BRI	0
	MODEL	MODEL-SELECT	1
	CHECK	LED-CHK	0
		TEMP-OFF	—
INFO	VERSION	MODEL	—
		VER.	—
	PATTERN	RGB	1
		RGB50	1
		CORSS	1
		STEP	1
		COLOR	1
		CHR	1
	LAMP	CURRENT	0
		HISTORY1	0
		HISTORY2	0
		HISTORY3	0
		HISTORY4	0
		TOTAL	0
	TEMP/FAN	TEMP1	—
		TEMP2	—
		FAN0	3
		FAN1	3
		FAN2	3
OTHER	232C	232C-MODE	0
	EXIT		

1. Adjustment of ballast unit output power (lamp power)

1. List of parts requiring adjustment

When replacing the following parts, adjust the ballast unit output power (lamp power).

	Part name	Ref No.	Part code
1	Cement resistor	R905	RR-FZA002WJZZ
2	Ballast Control PWB	—	DUNTKD148WEF4
3	Ballast microprocessor	IC7707	RH-iXB932WJZZQ
4	5V regulator	IC7704	VHITA78L05F-1Y
5	Ballast Unit	IC7701	VHIM51995AF-1Y

2. Adjustment jigs

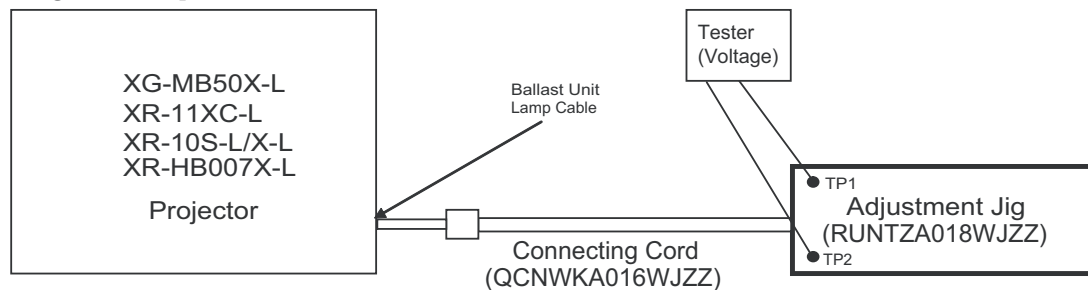
The following jigs are required for adjusting the ballast unit output power (lamp power).

	Part name	Part code	Manufacturer
1	Adjustment jig (resistance load 25 Ω)	RUNTZA018WJZZ	Asahi Communication
2	Connecting cord (conversion cable)	QCNWKA016WJZZ	SMK

3. Ballast unit output power (lamp power) adjustment method

Adjust the ballast unit output power (lamp power) in the following method.

[Setting method]



2. Adjustment method

- 1) Unplug the ballast unit lamp cable of the projector from the lamp and connect the cable to the connecting cord (QCNWKA016WJZZ).
- 2) Connect the connecting cord (QCNWKA016WJZZ) to the adjustment jig (RUNTZA018WJZZ).
- 3) Connect TP1 of the adjustment jig (RUNTZA018WJZZ) to the negative terminal of the tester and TP2 to the positive terminal.
- 4) Turn on the projector.
- 5) Check the Lamp setting to "Bright".
- 6) Age the projector for 60 seconds or more.
- 7) Adjust the volume resistor (R7728) of the ballast control PWB (DUNTKD148WEF4) so that the voltage of the tester reaches 74 ± 0.5 V.

Adjustment value: 74 ± 0.5 V

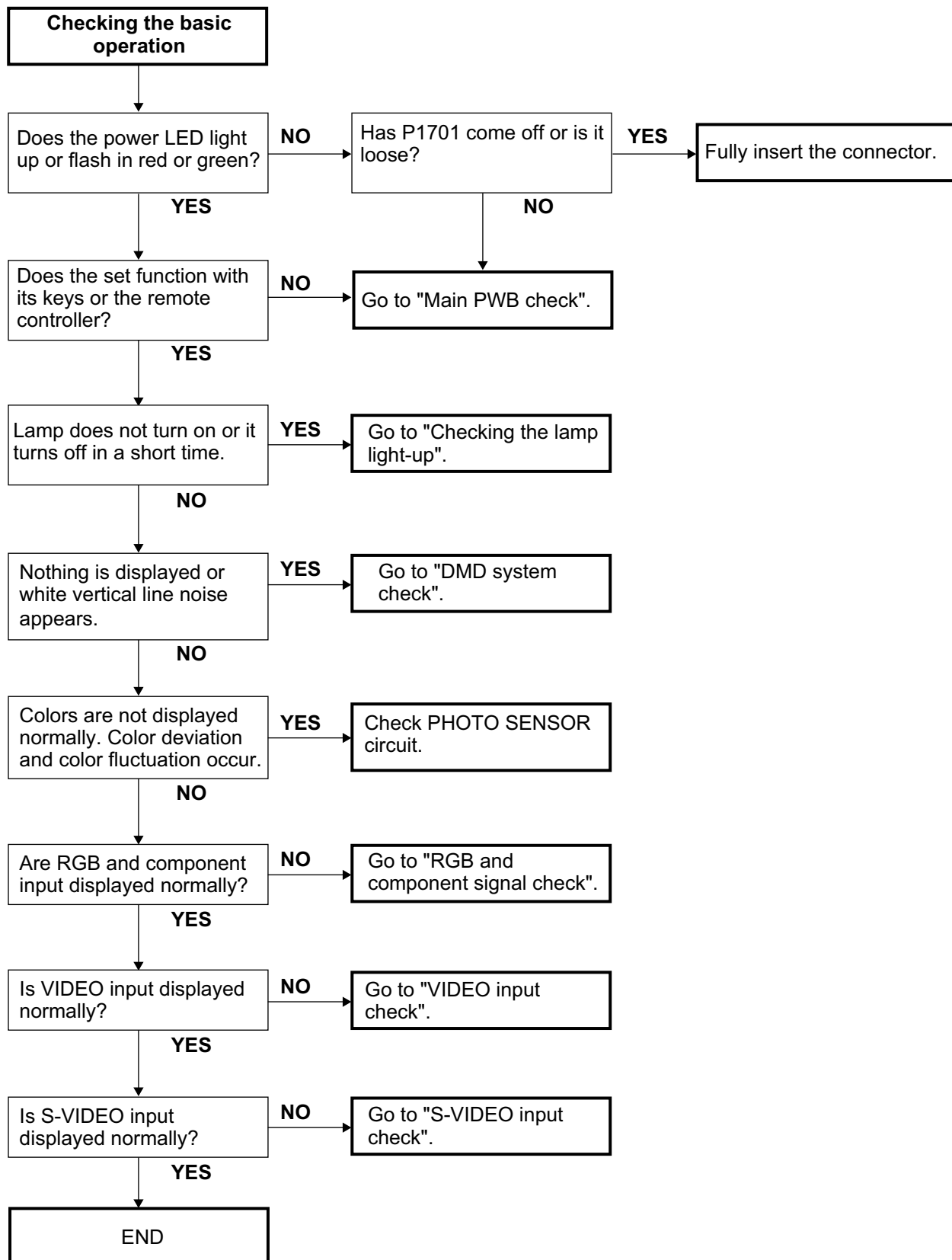
CAUTION: (1) Caution for electric shock: Do not touch the test points TP1 and TP2 of the adjustment jig when supplying power since a high voltage and large current is applied to them.

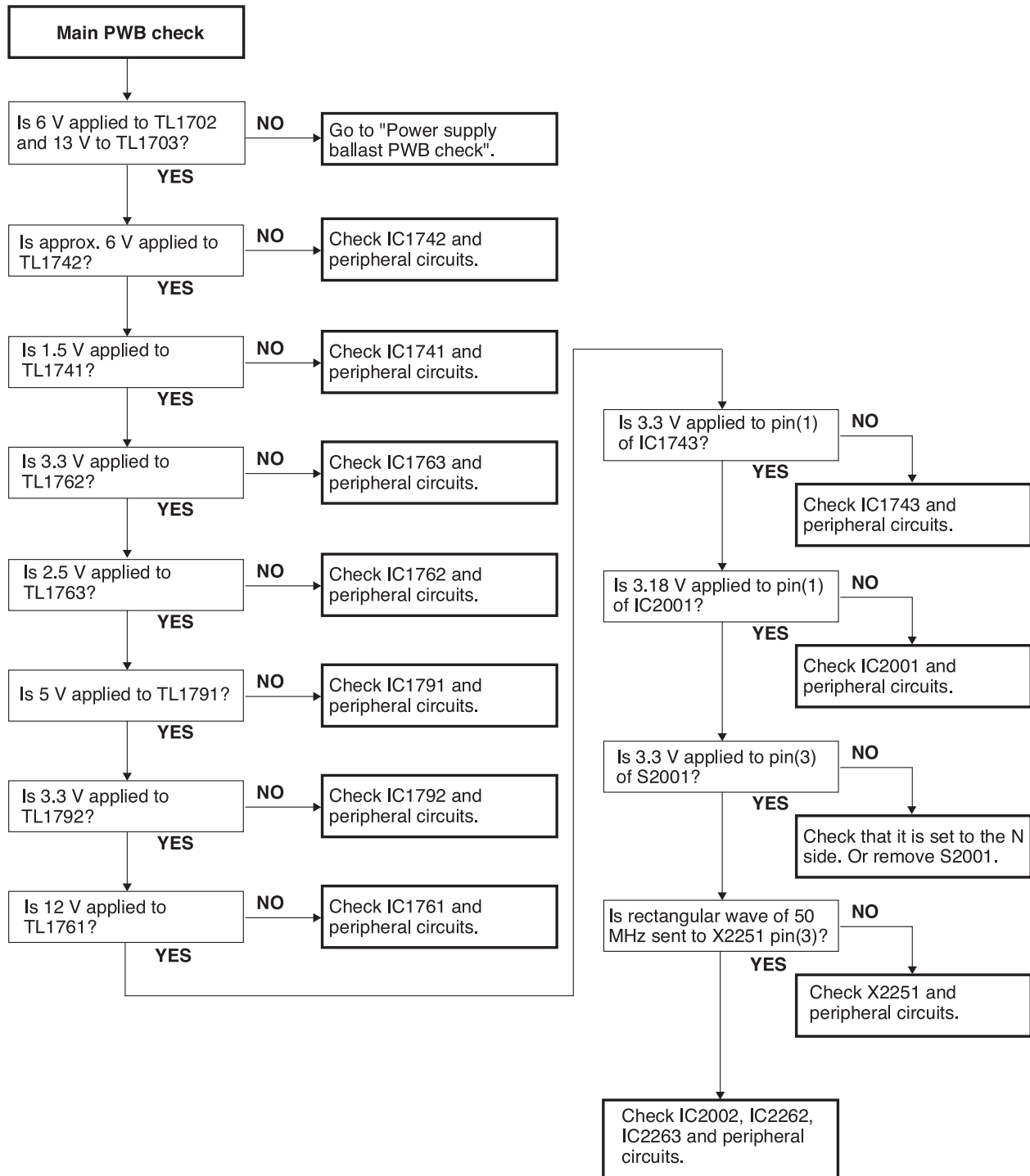
(2) Caution for heat: Be careful that the resistance load of the adjustment jig produces a high temperature when supplying power.

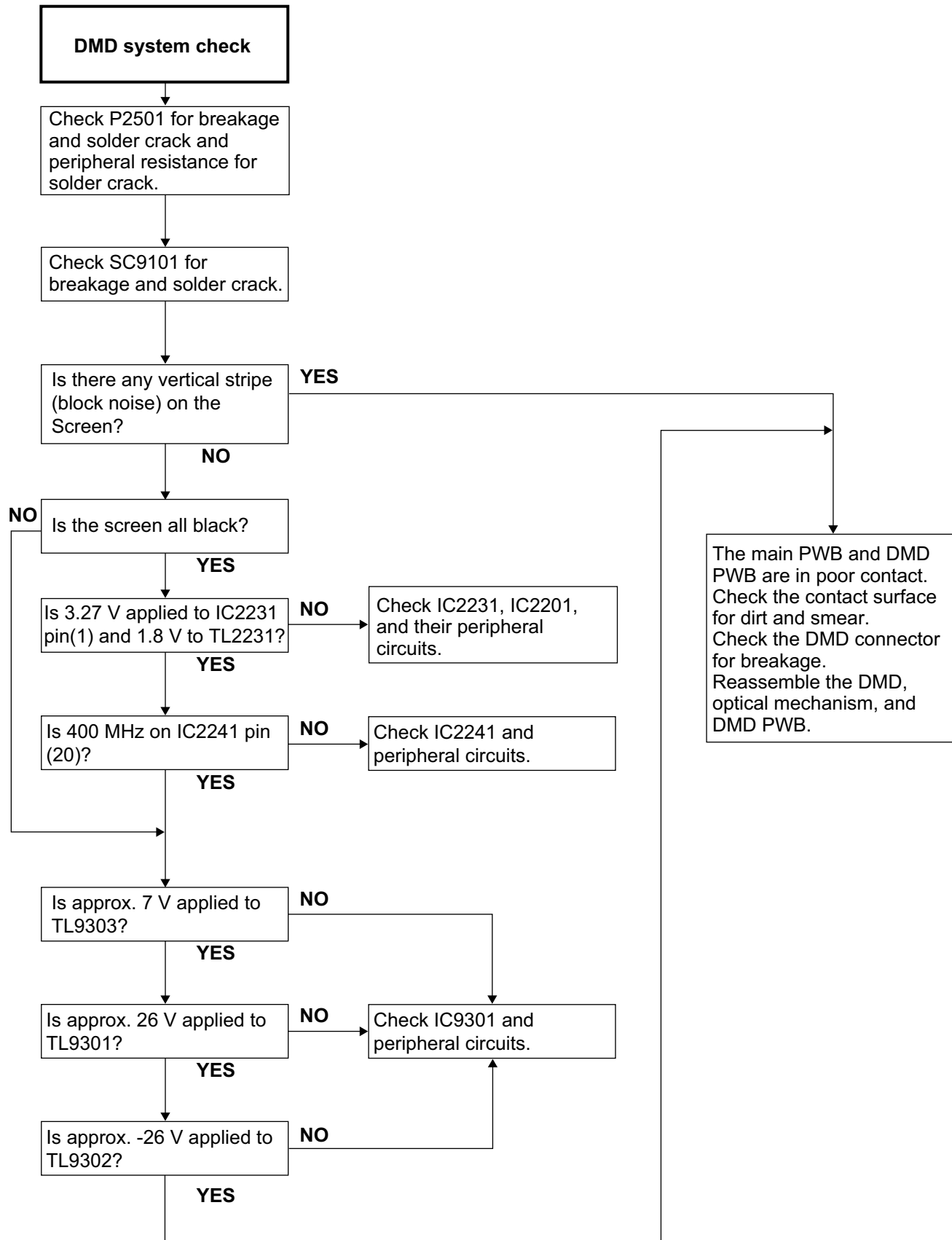
(3) Connection of the lamp cable: Check that the lamp cable and connecting cord (QCNWKA016WJZZ) are connected securely. Poor connection may cause smoking or ignition due to arc discharge.

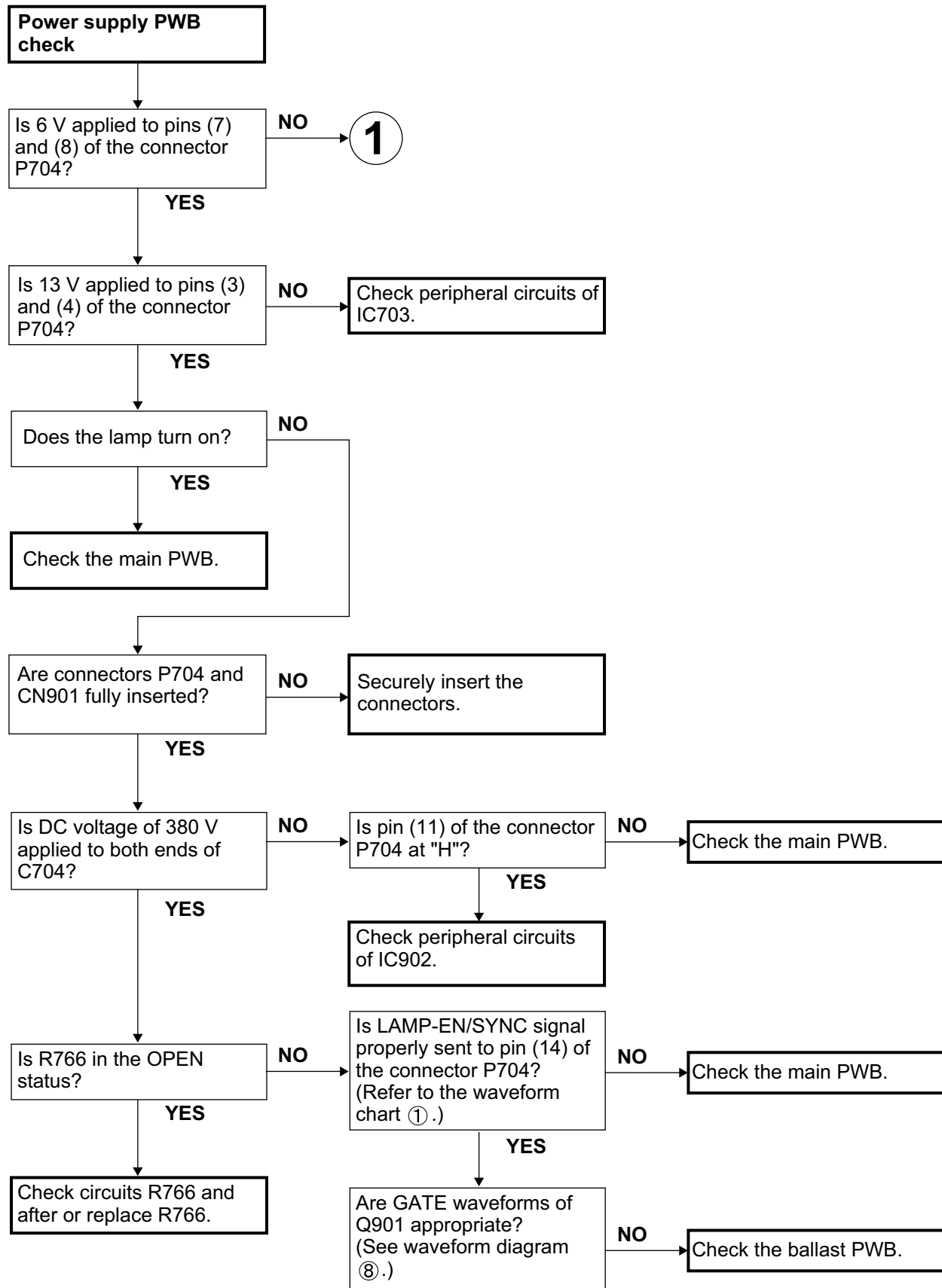
CHAPTER 5. TROUBLE SHOOTING TABLE

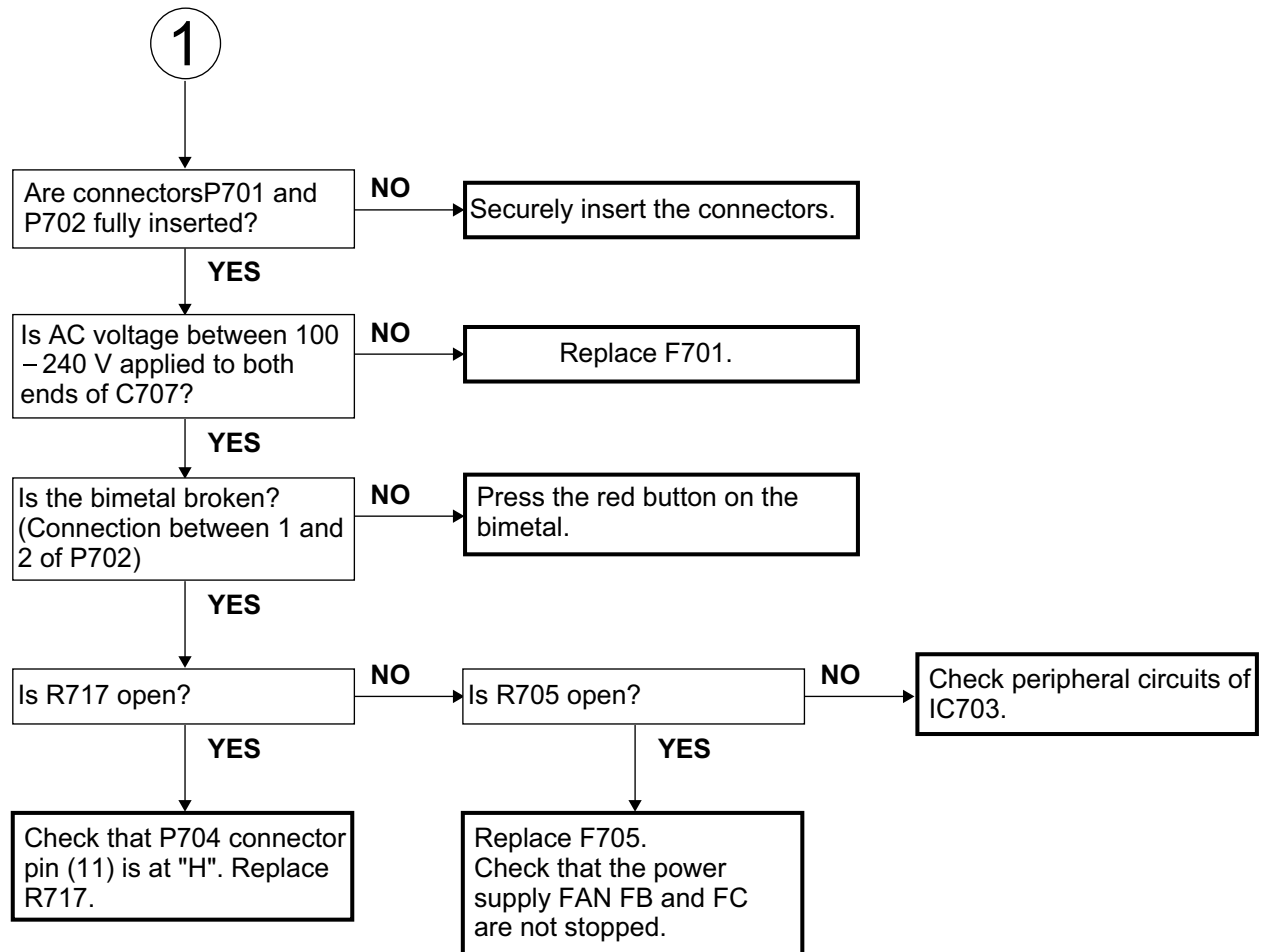
[1] TROUBLE SHOOTING TABLE

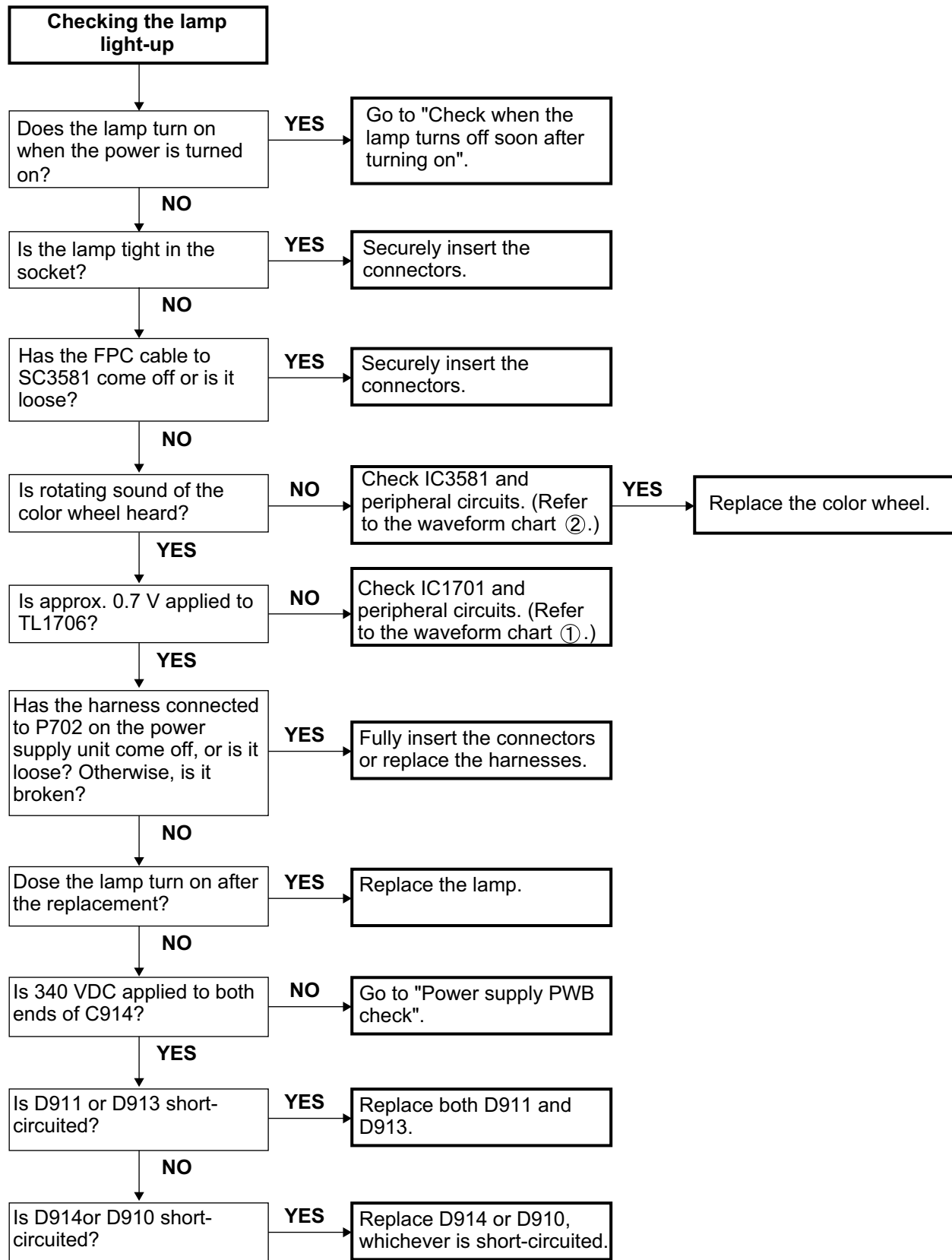


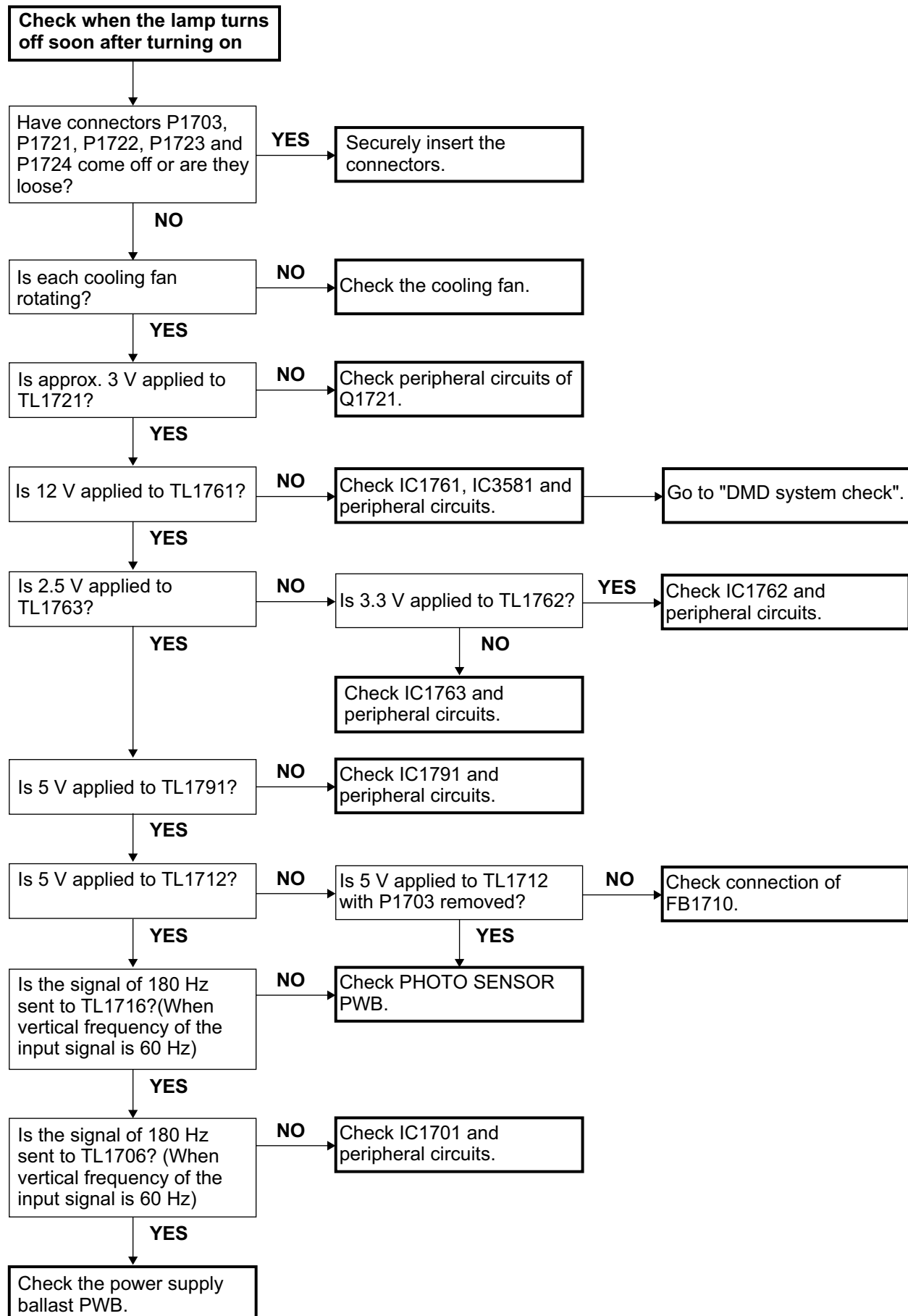


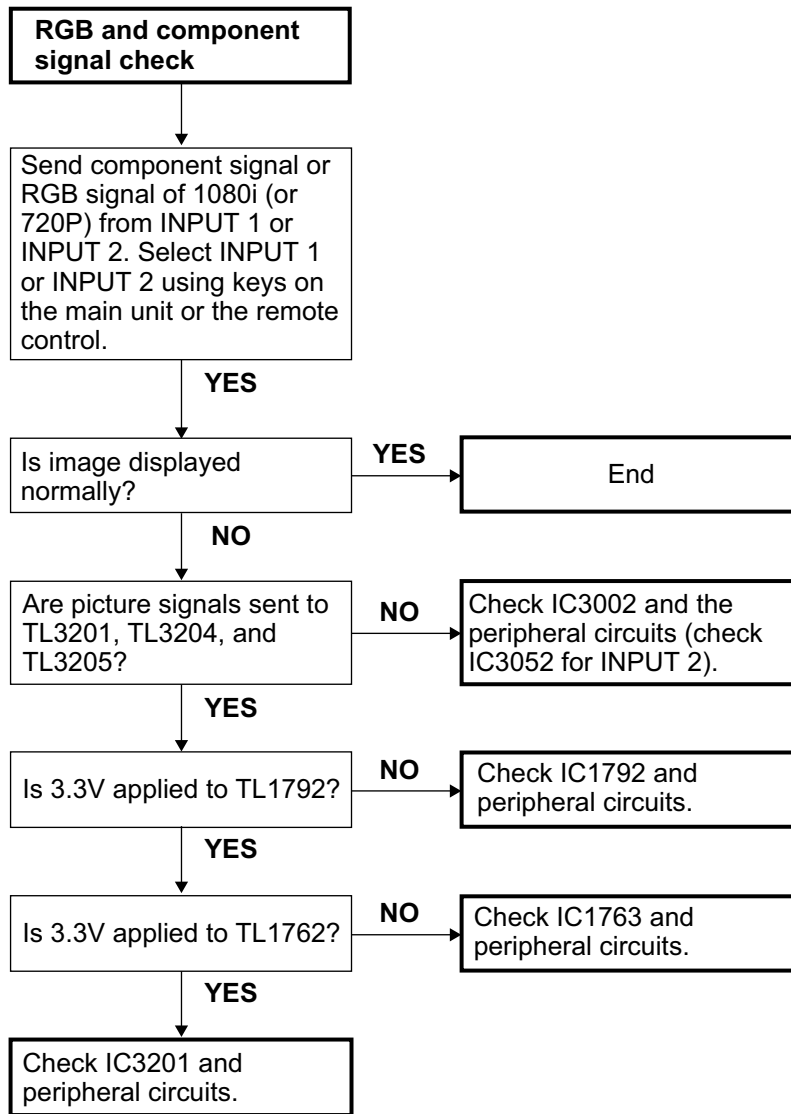


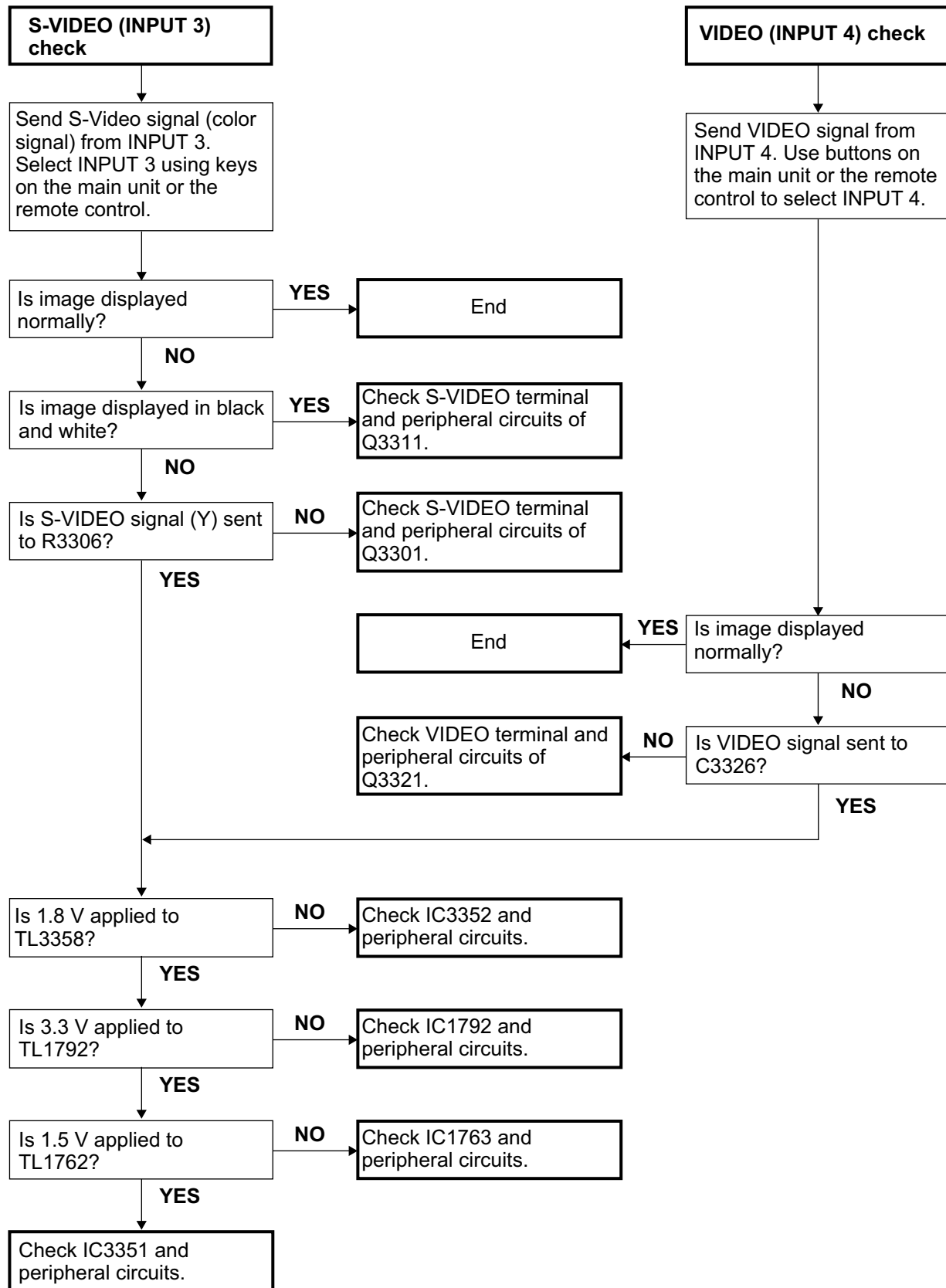






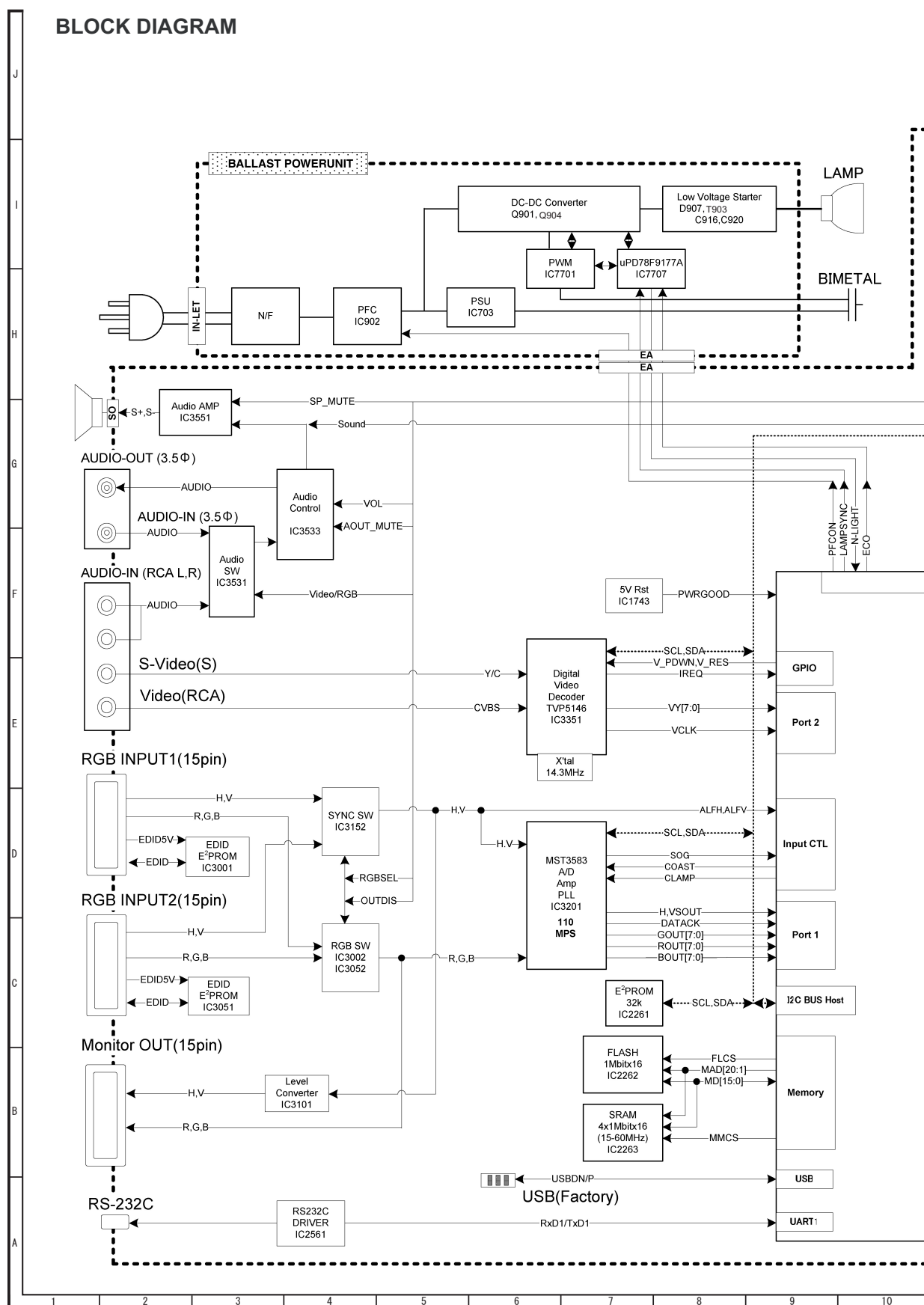


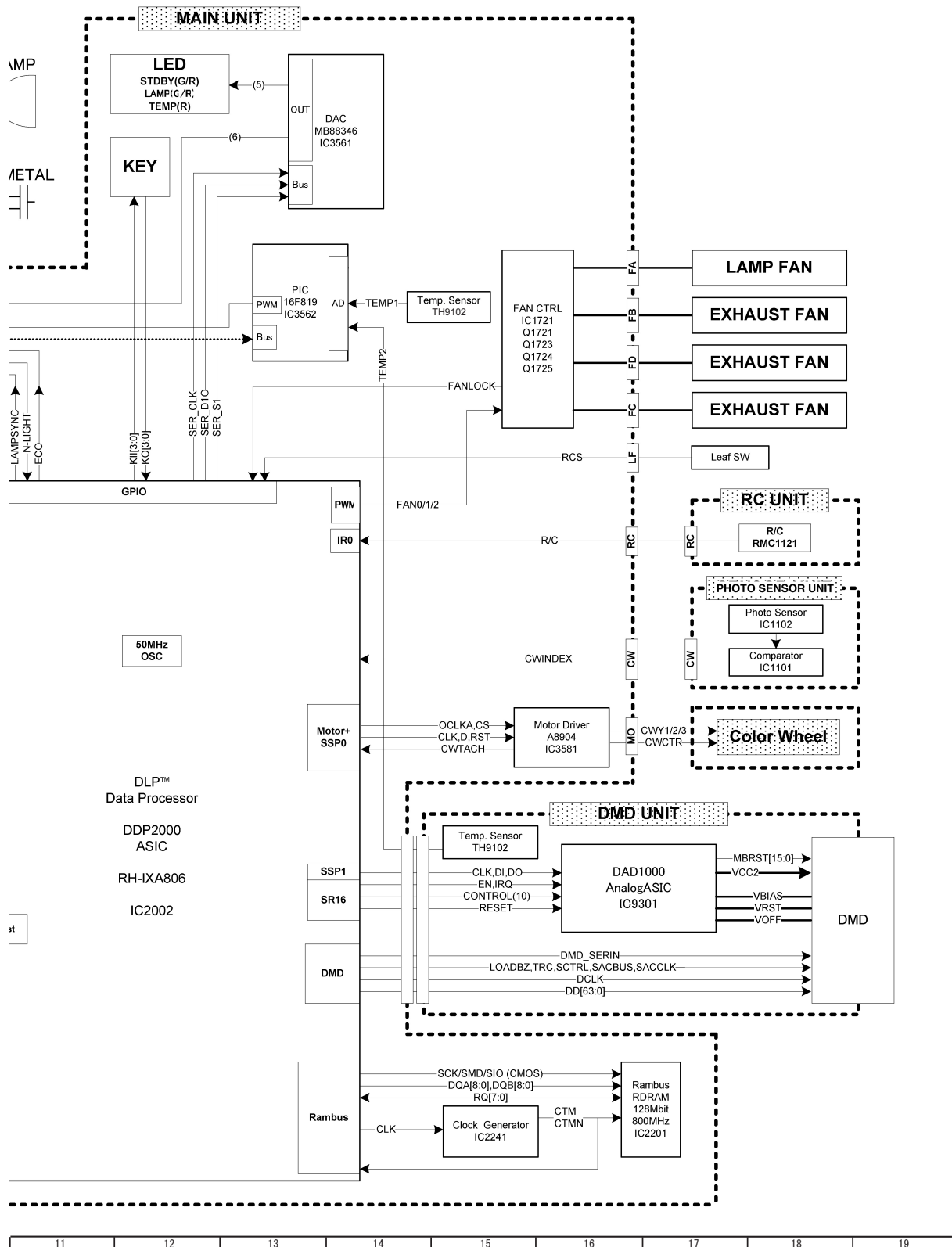




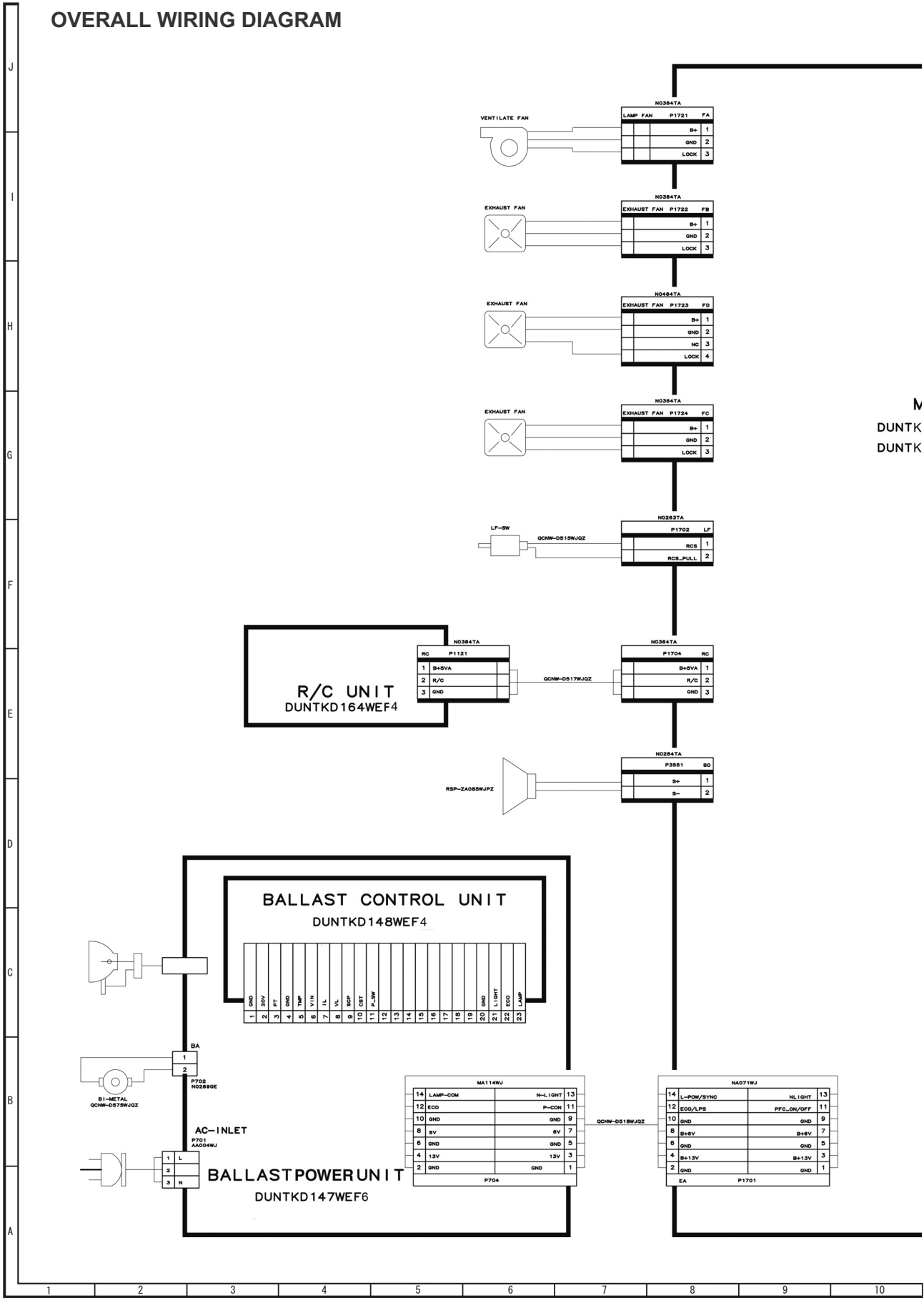
CHAPTER 6. BLOCK DIAGRAM/OVERALL WIRING DIAGRAM

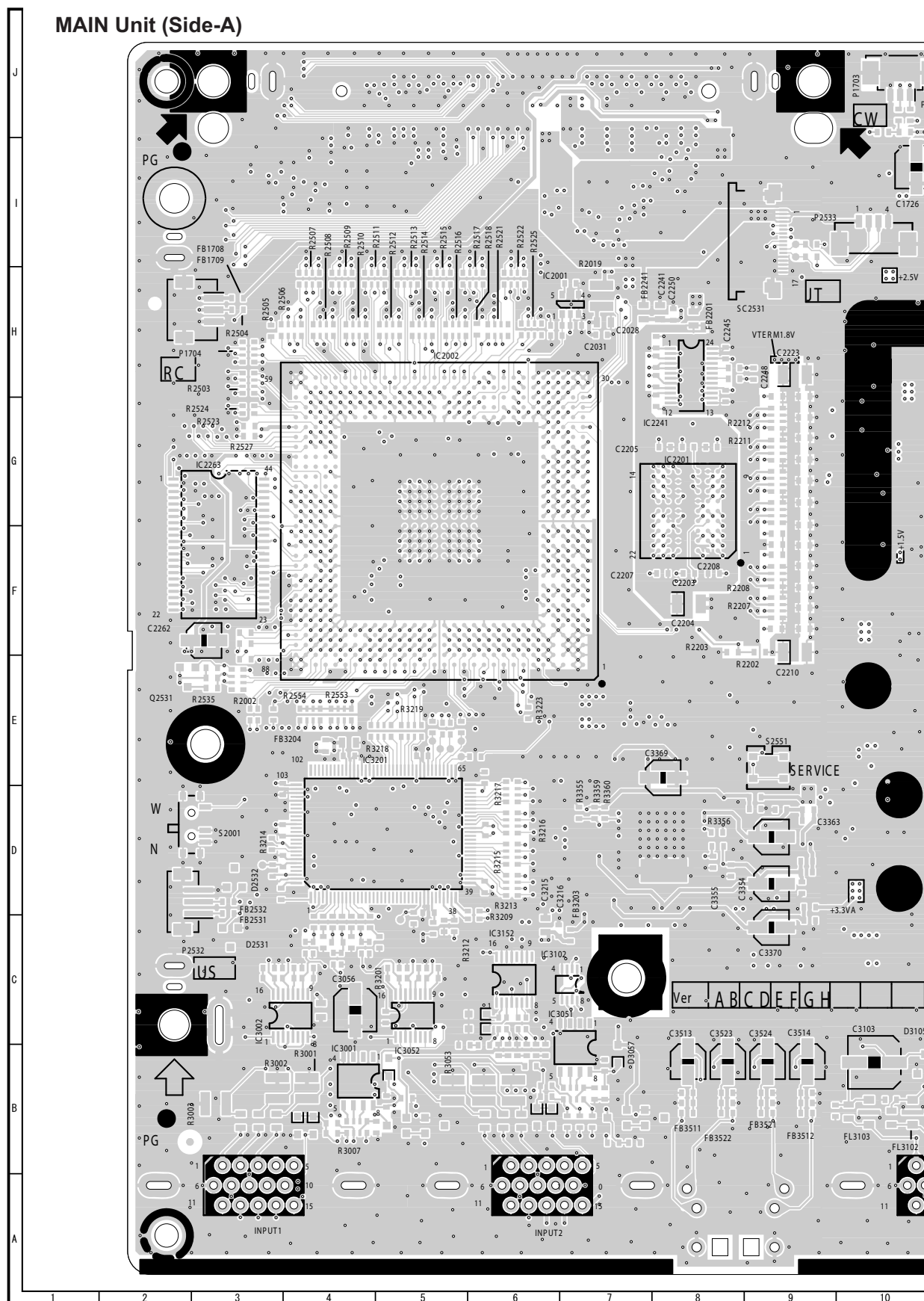
[1] BLOCK DIAGRAM

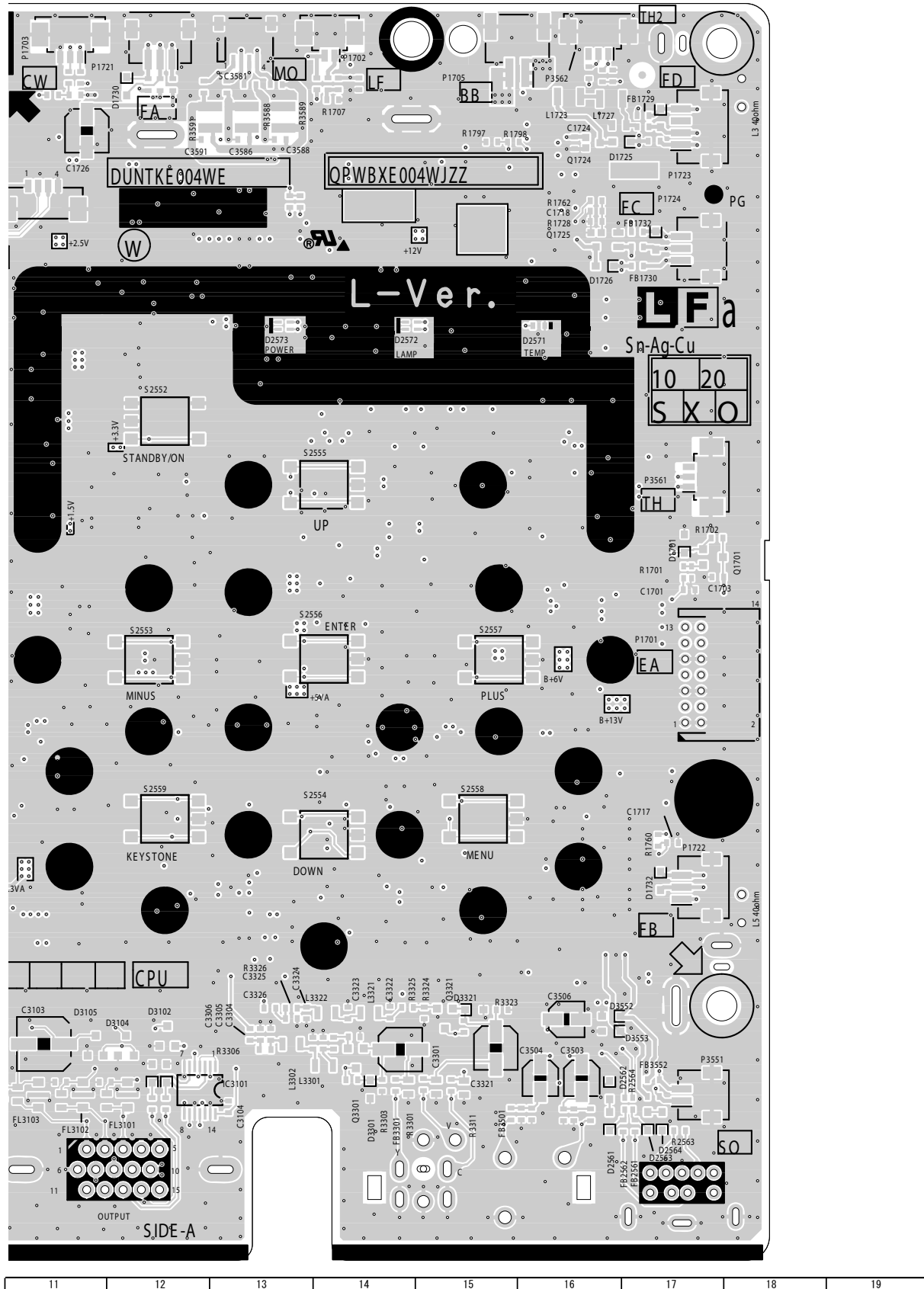




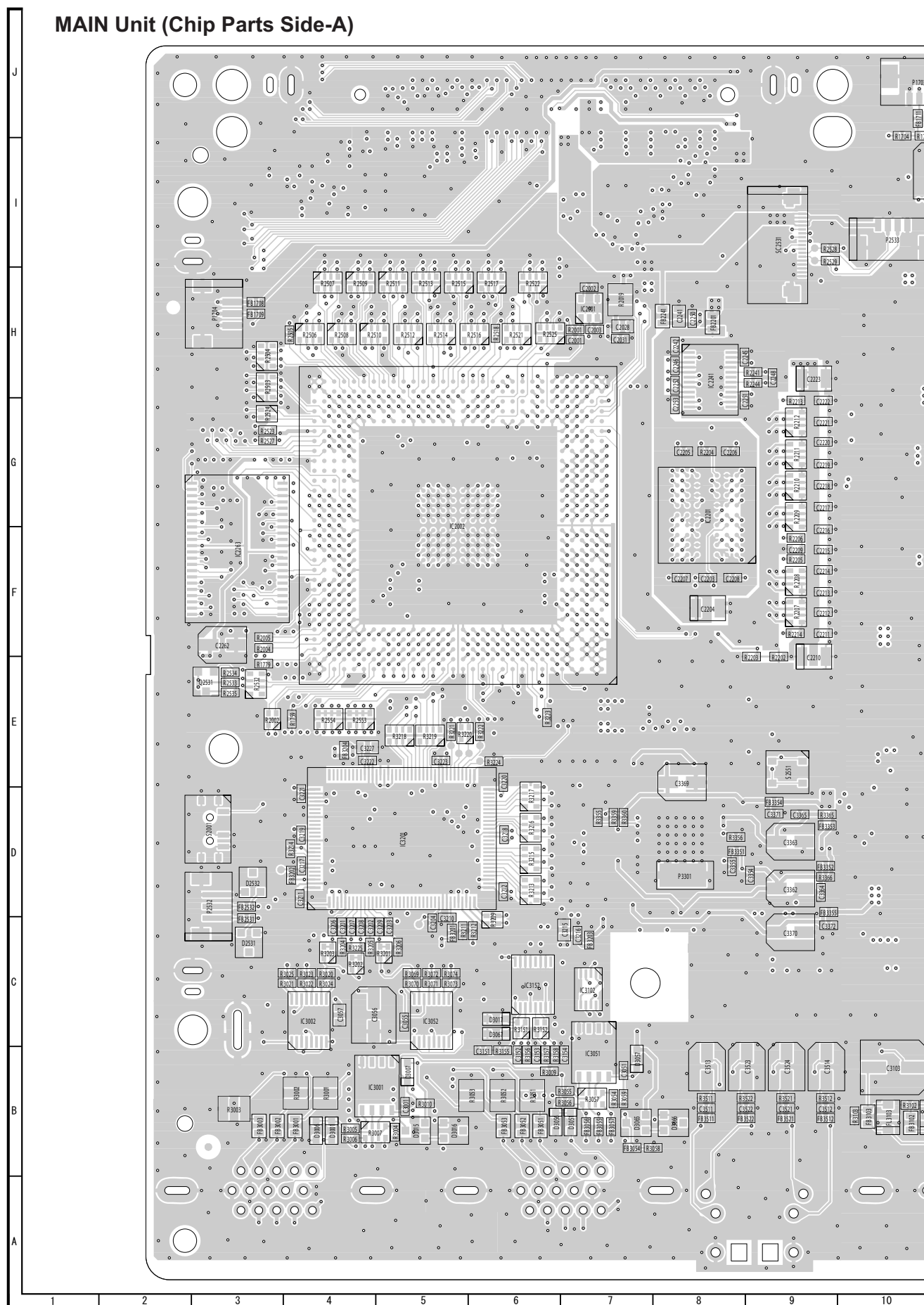
[2] OVERALL WIRING DIAGRAM

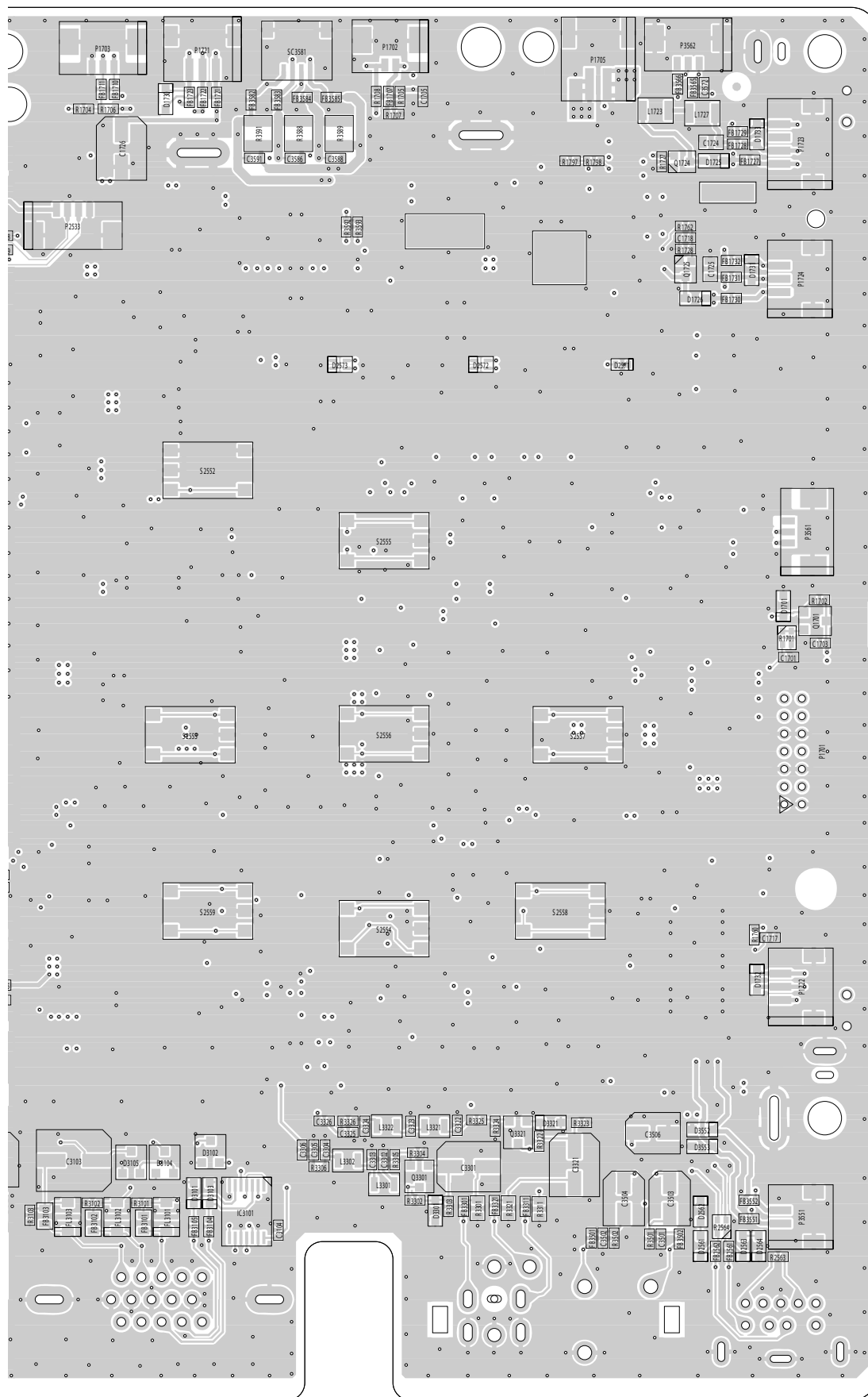


CHAPTER 7. PRINTED WIRING BOARD**[1] MAIN Unit**



MAIN Unit (Chip Parts Side-A)



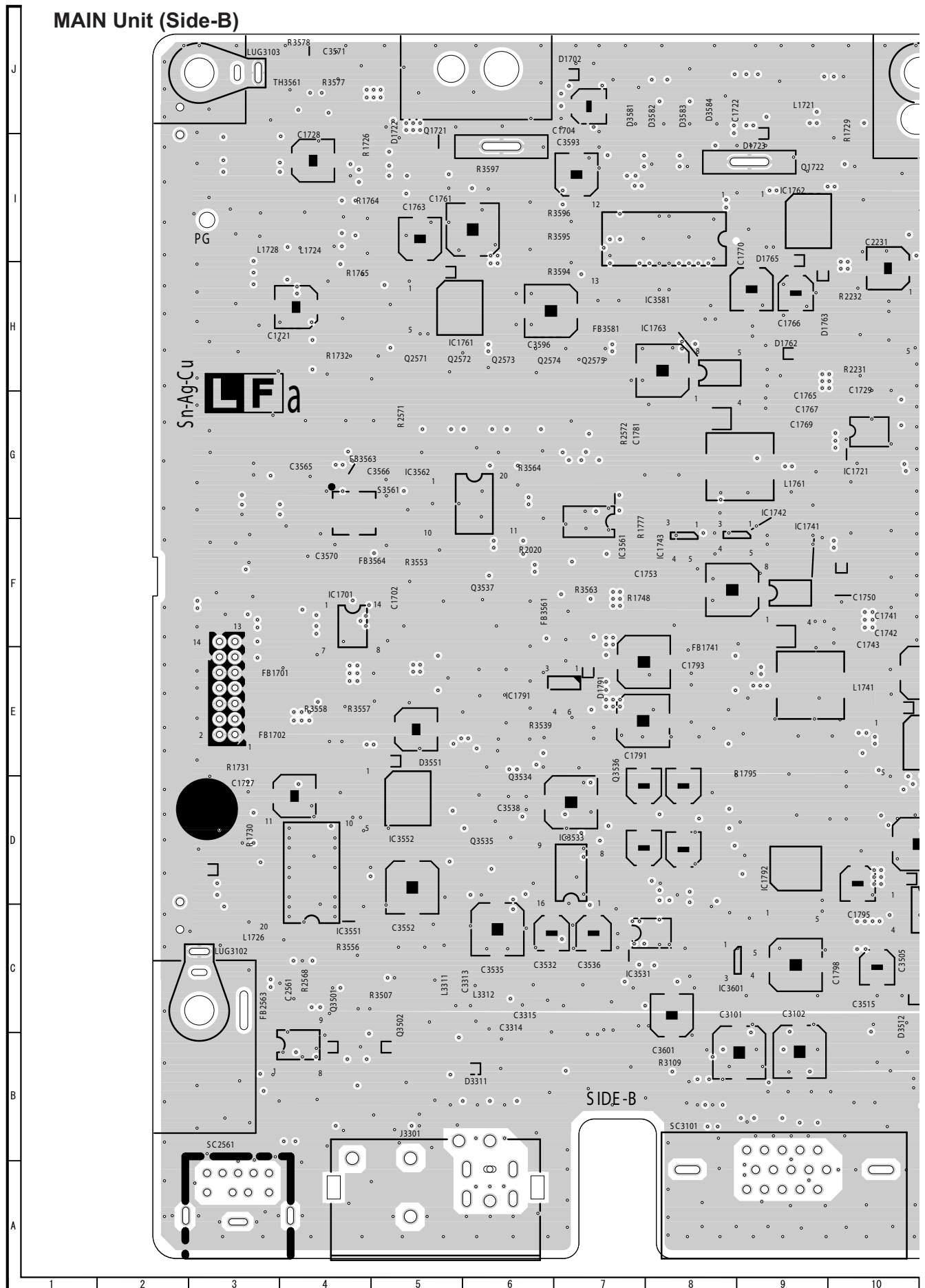


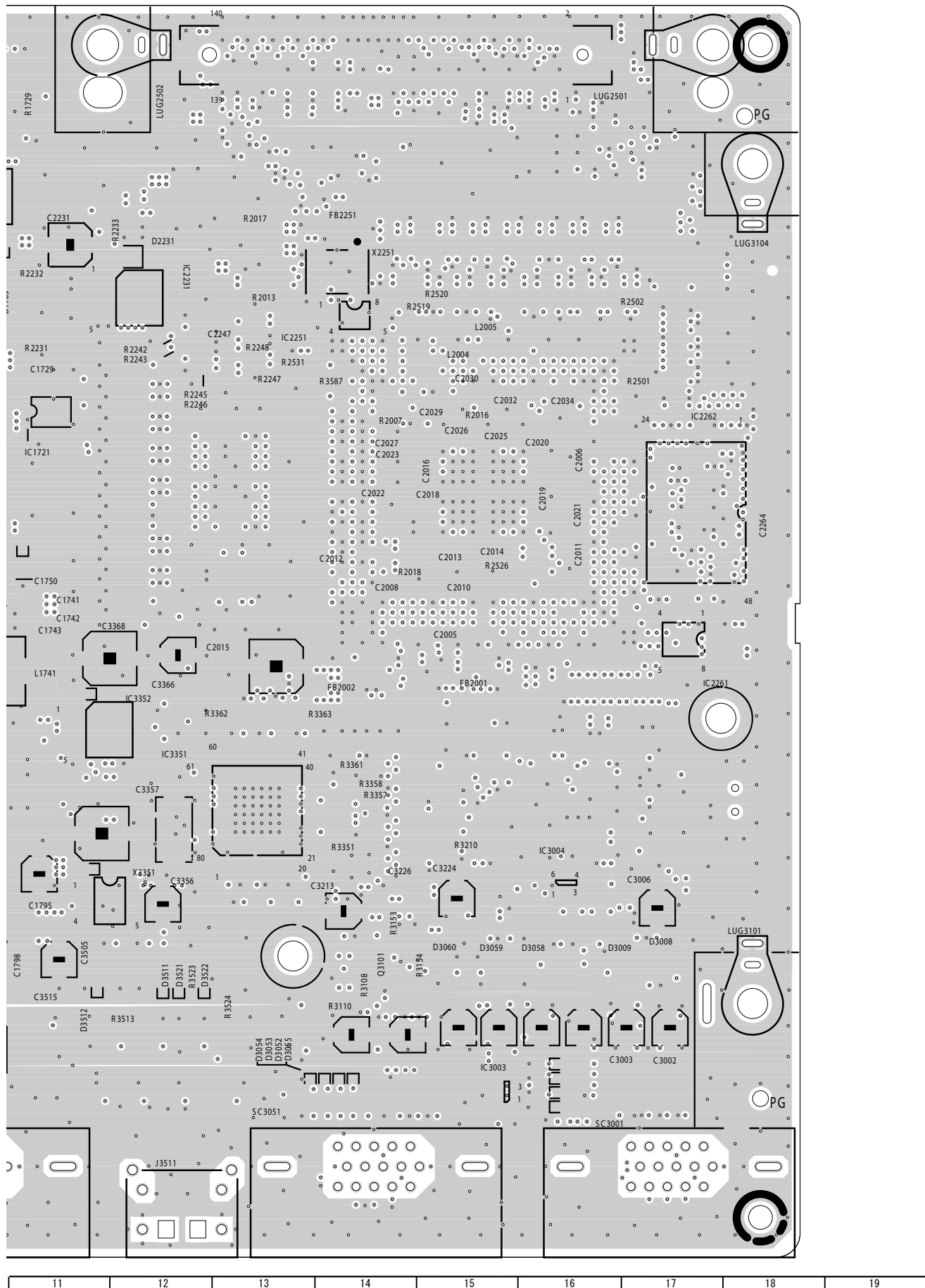
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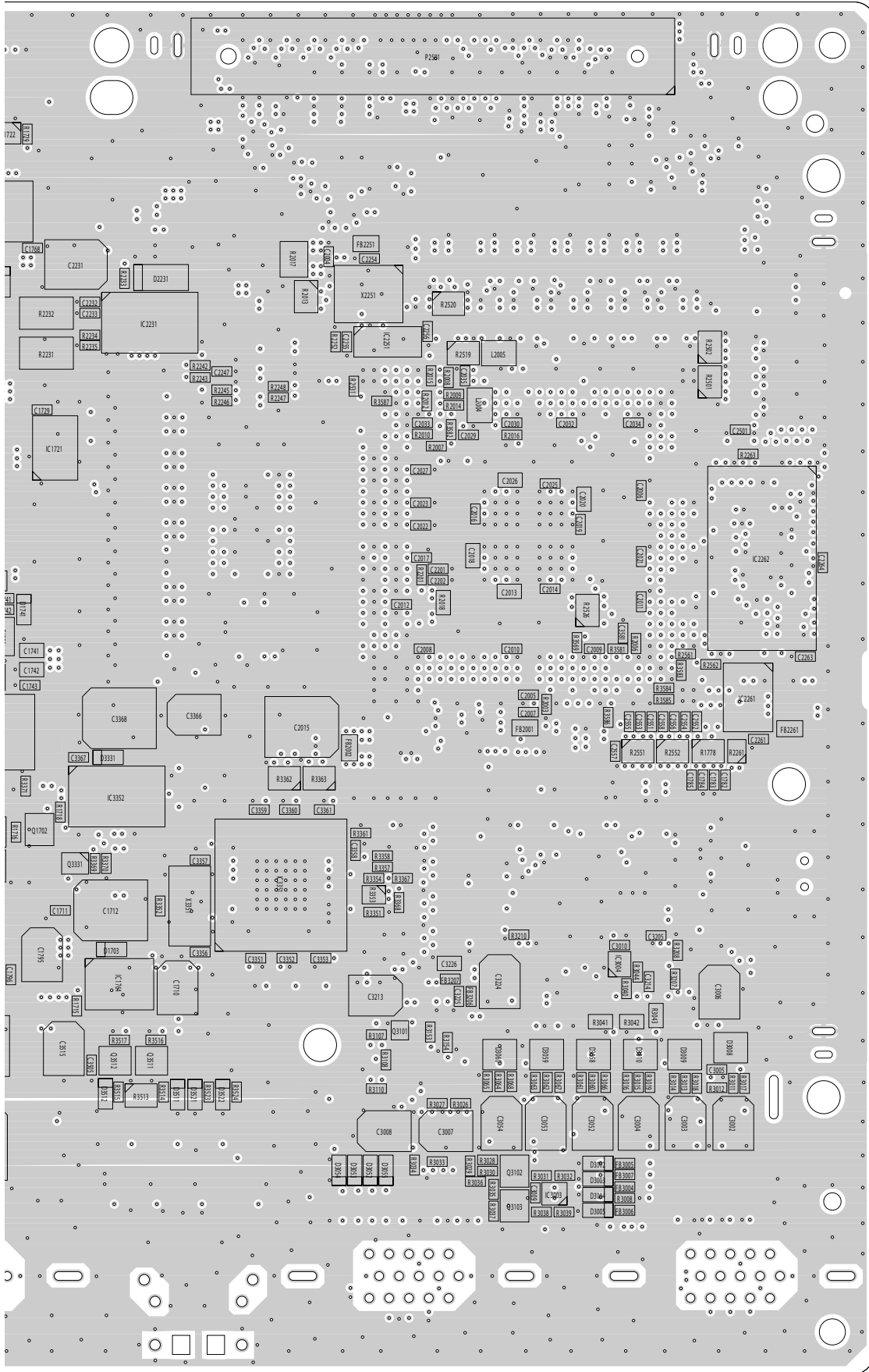
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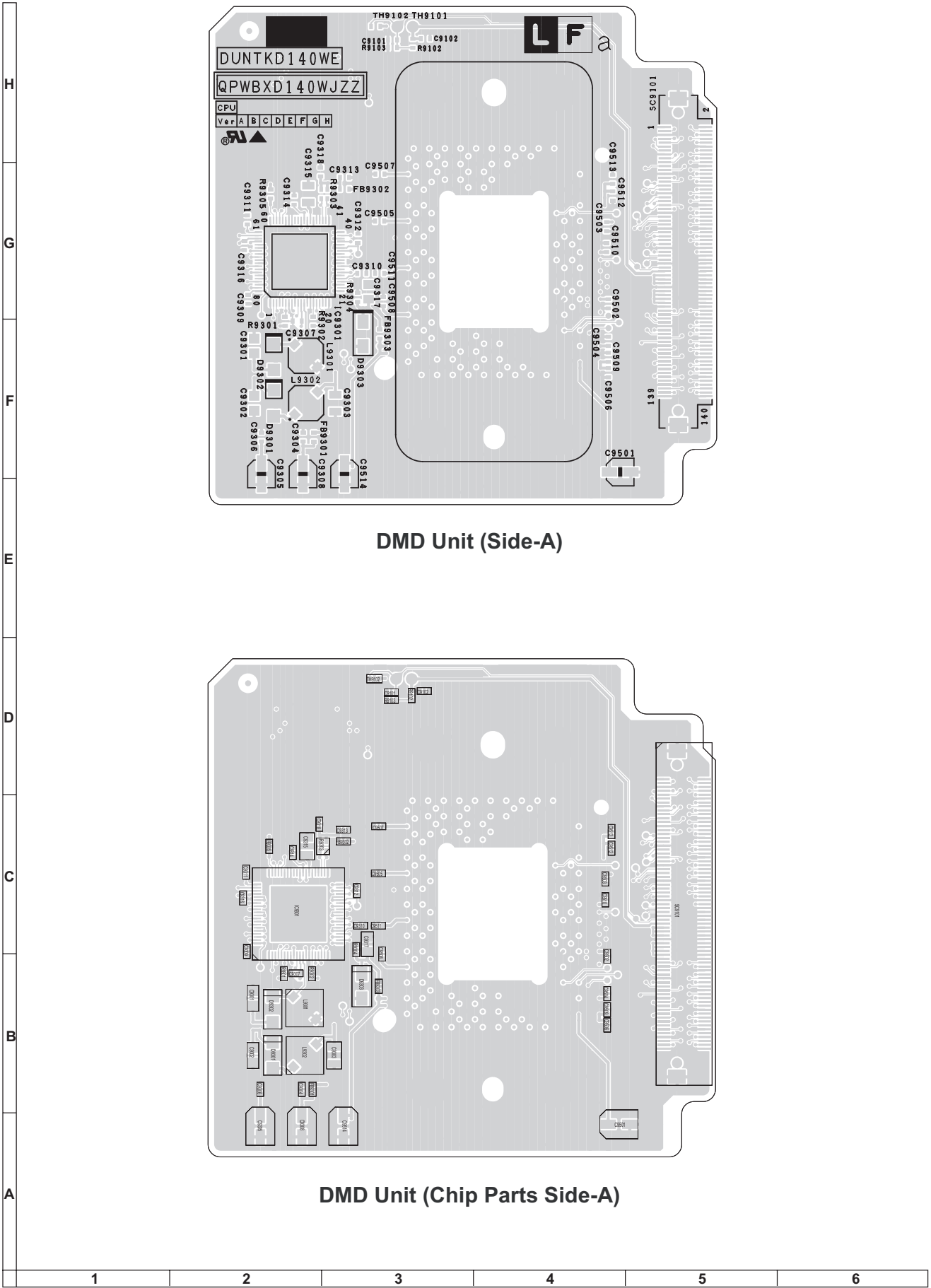


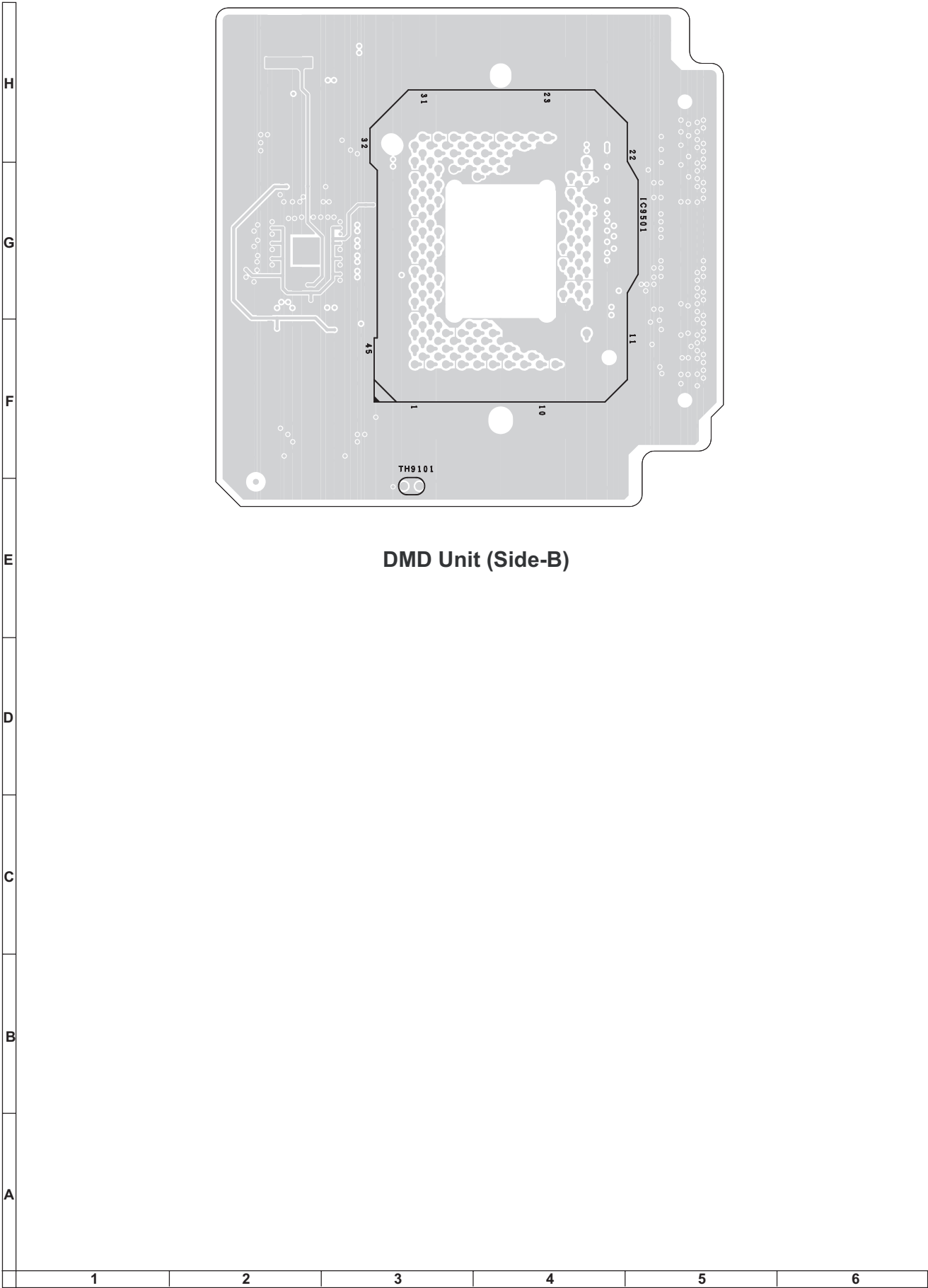




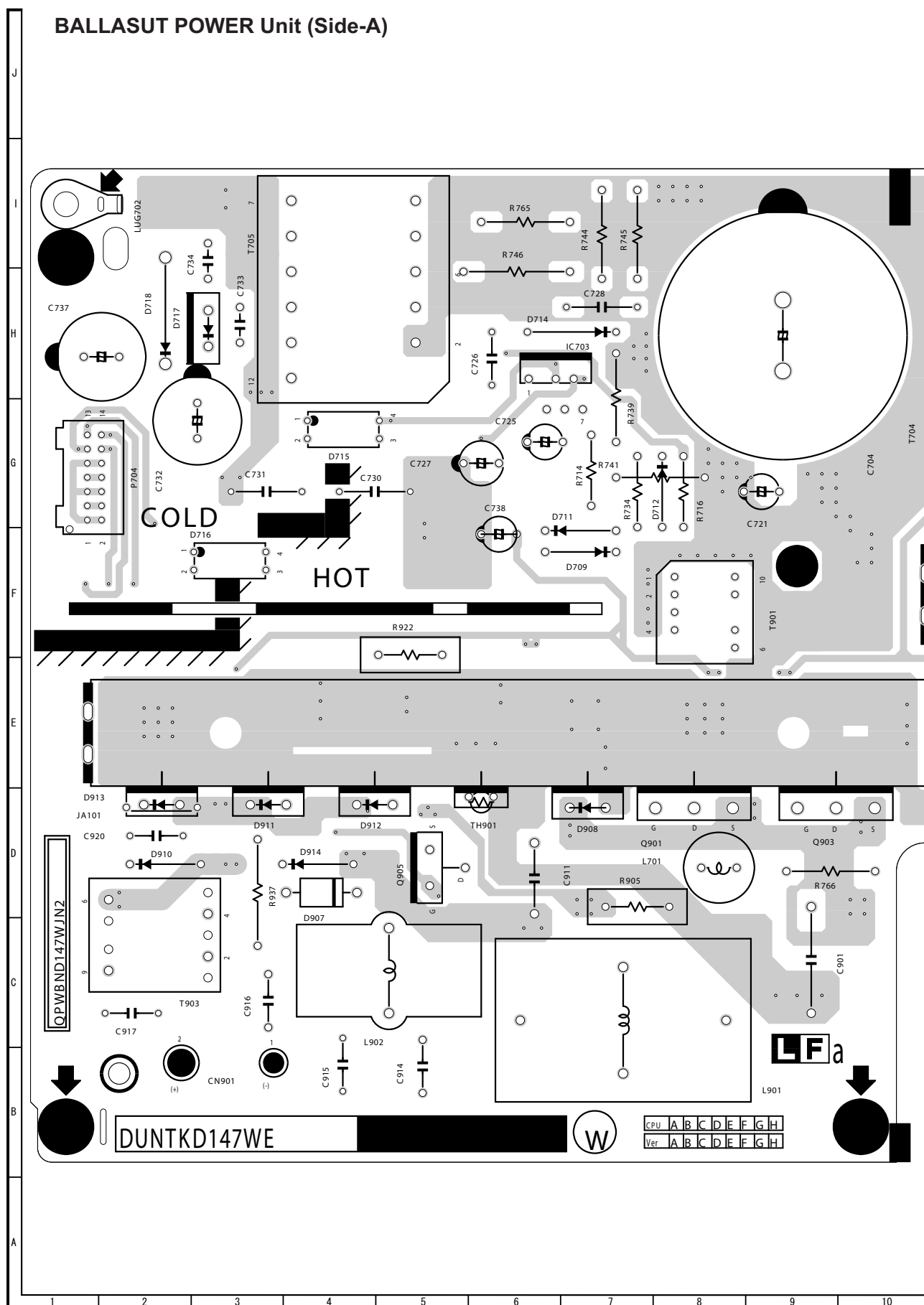


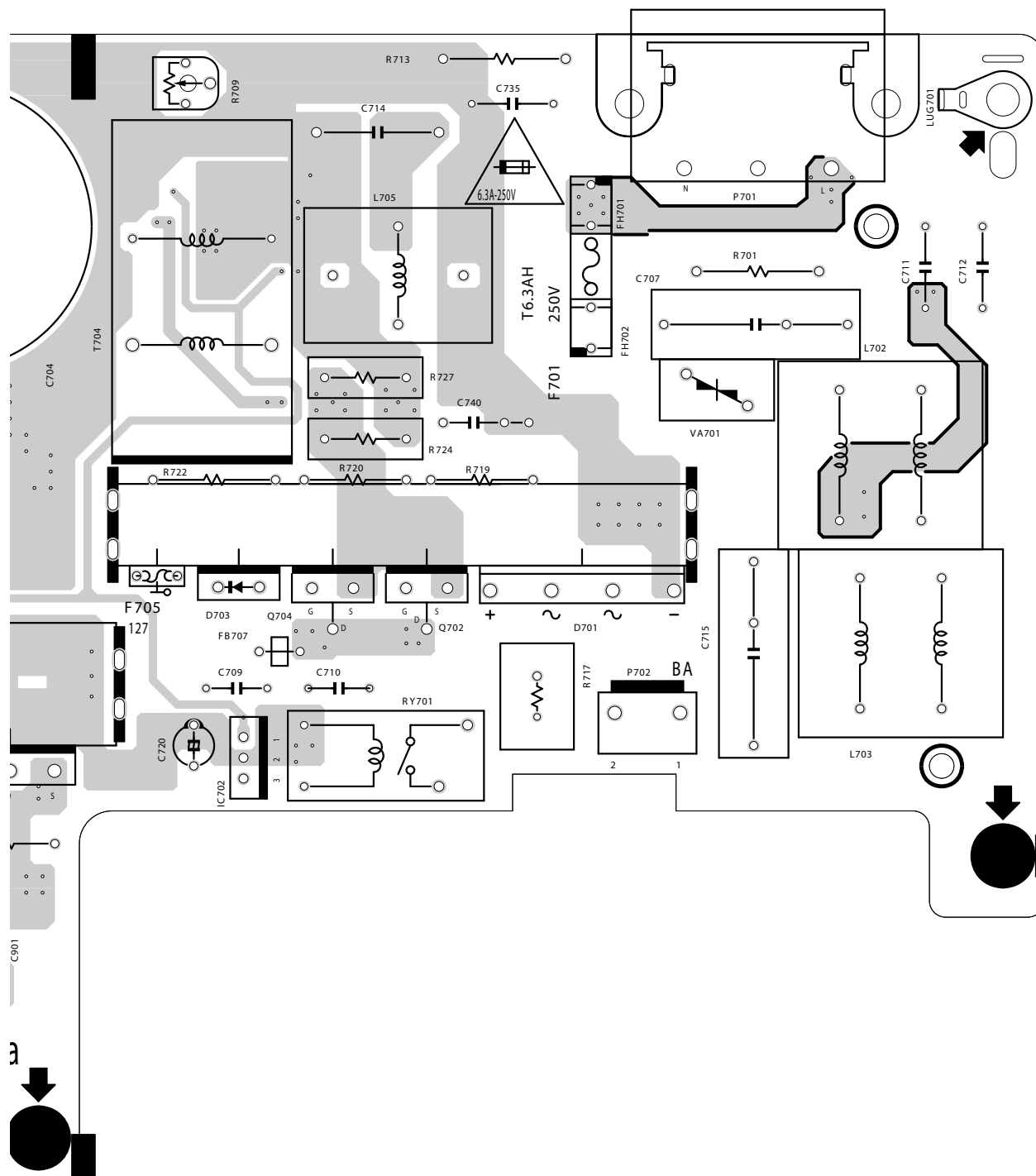
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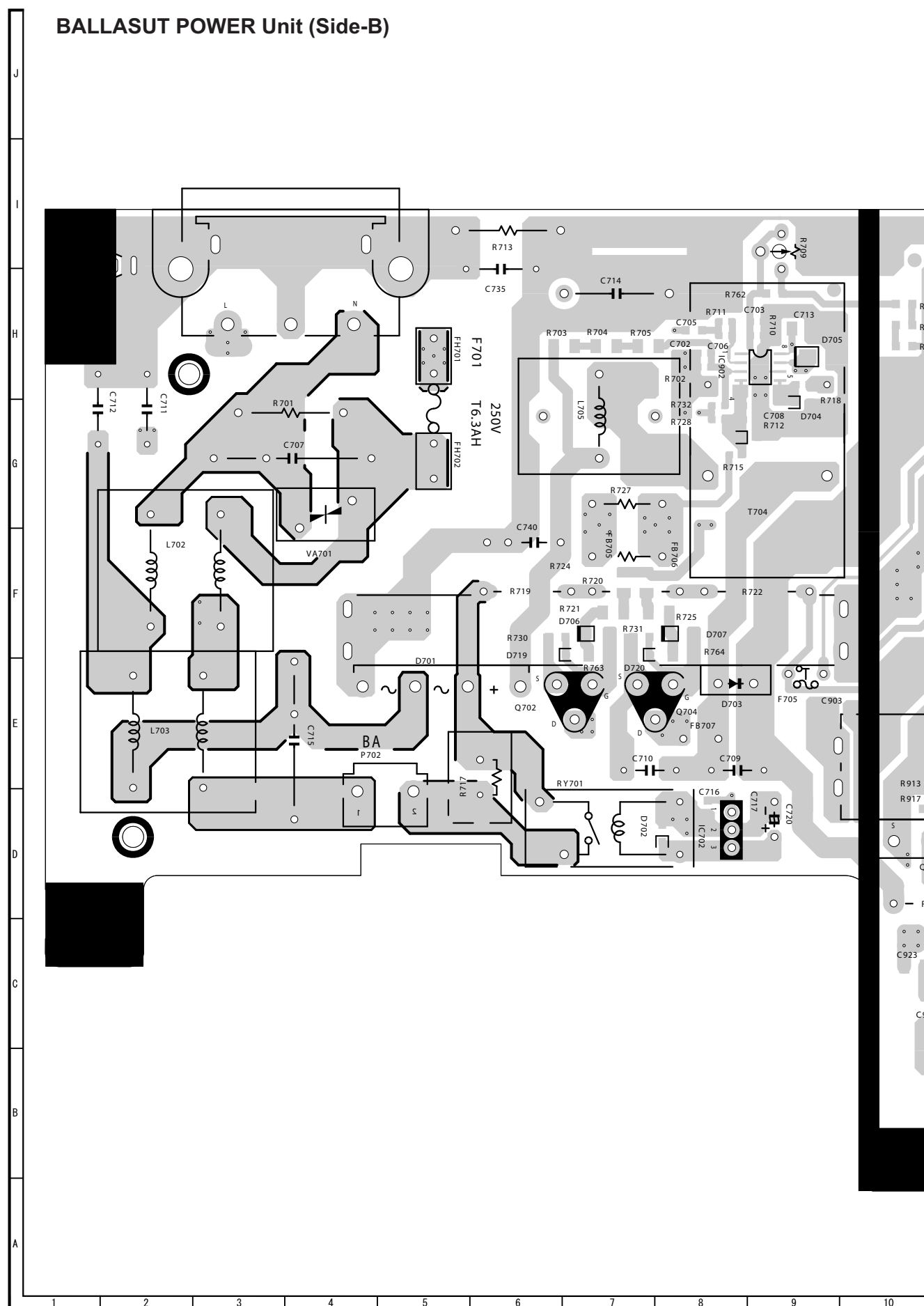


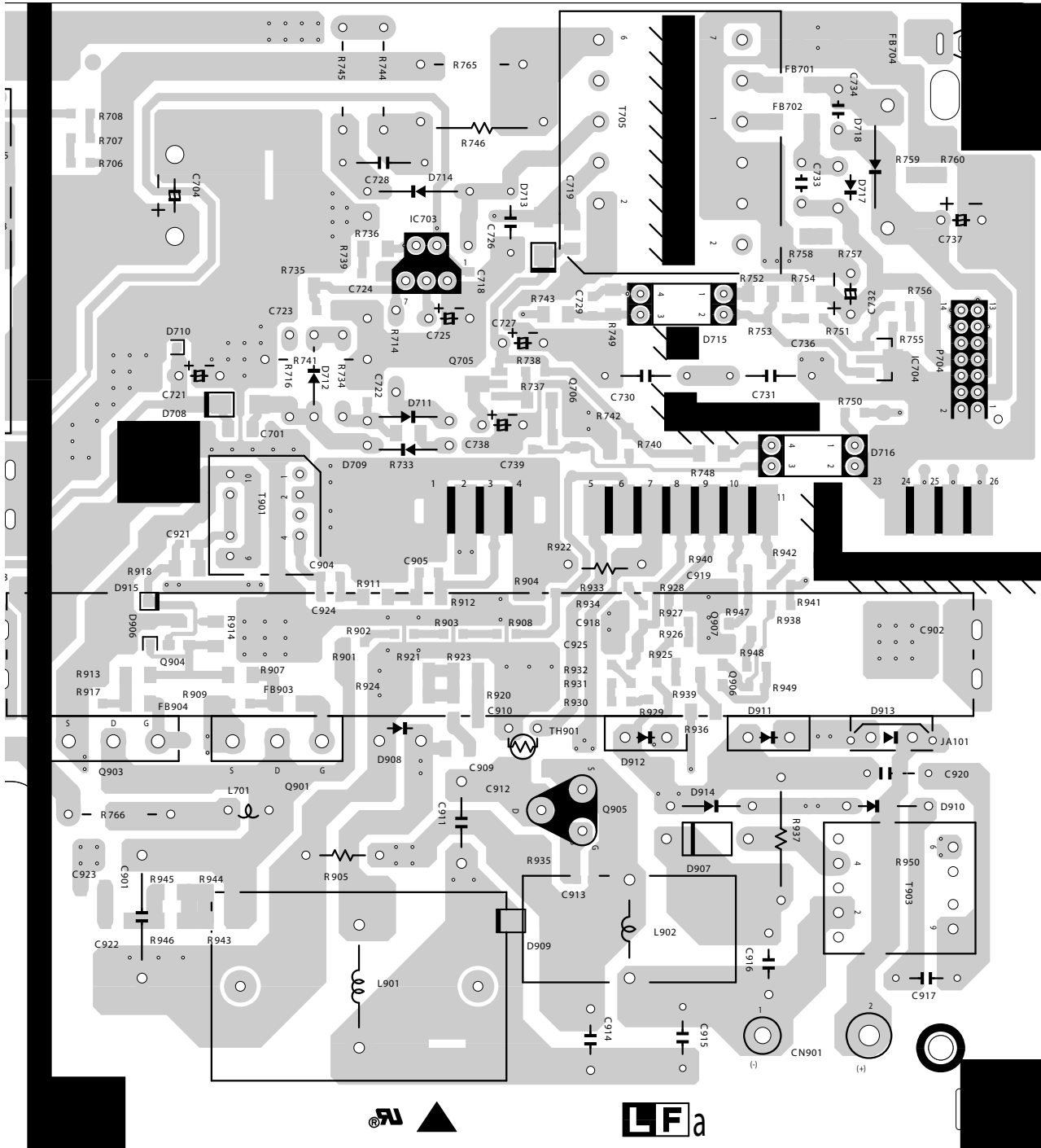
DMD Unit (Side-B)

[3] BALLAST POWER Unit

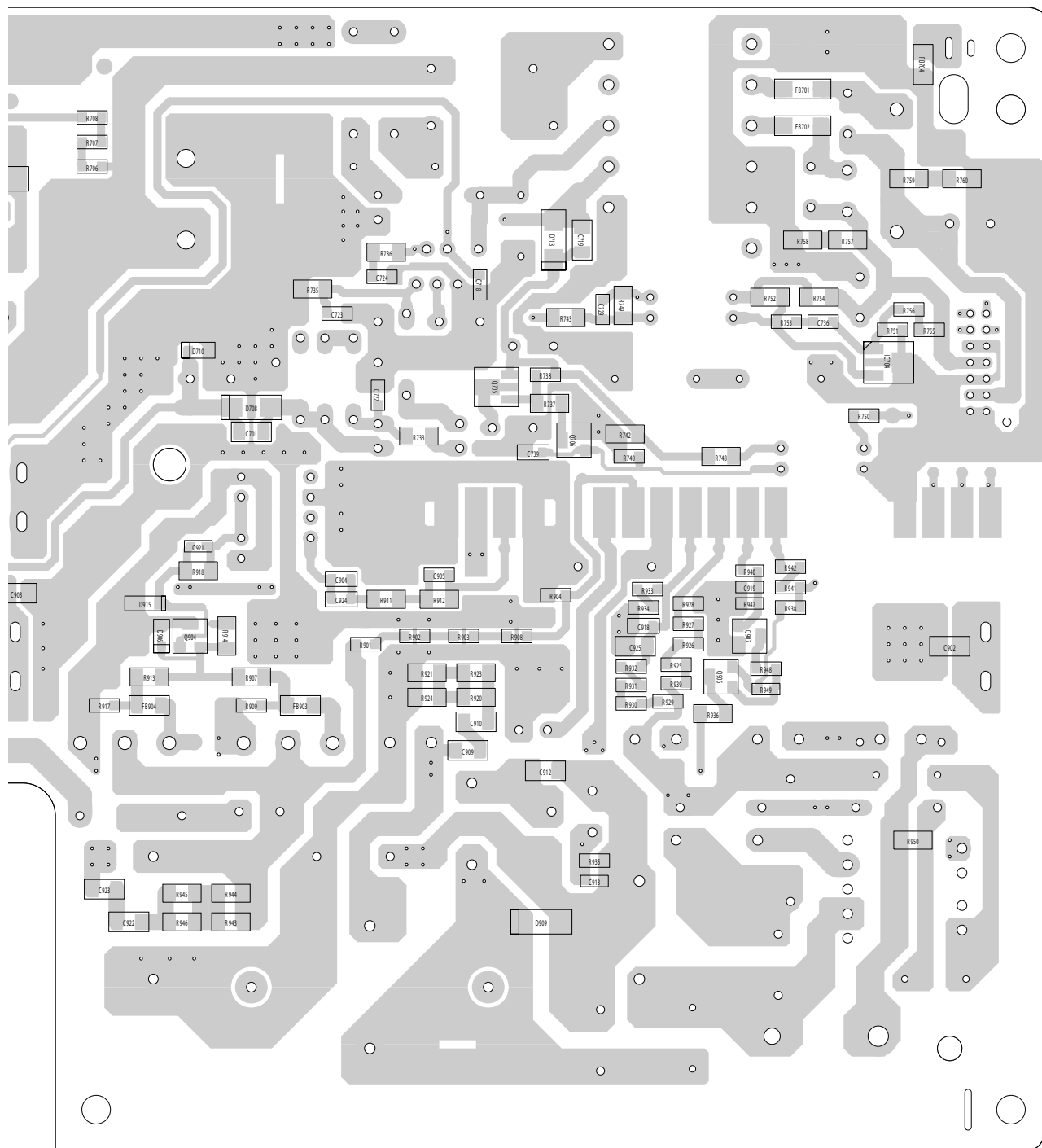


BALLASUT POWER Unit (Side-B)





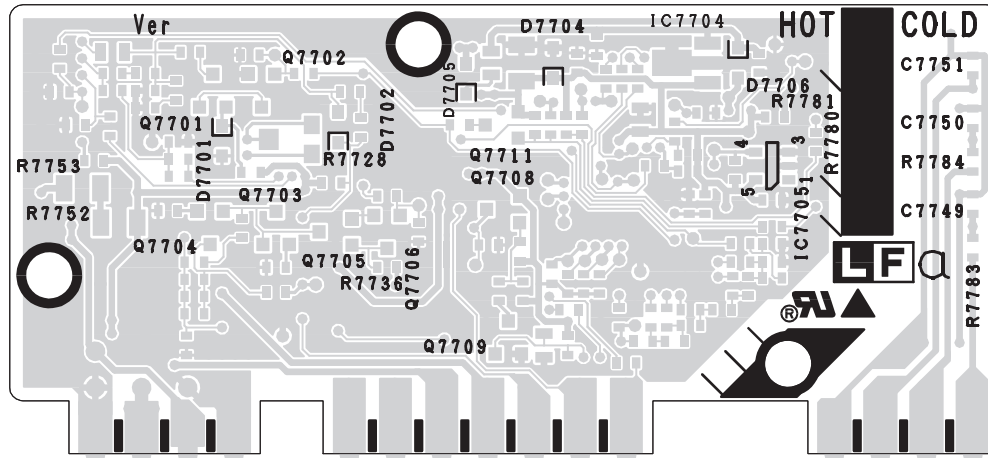
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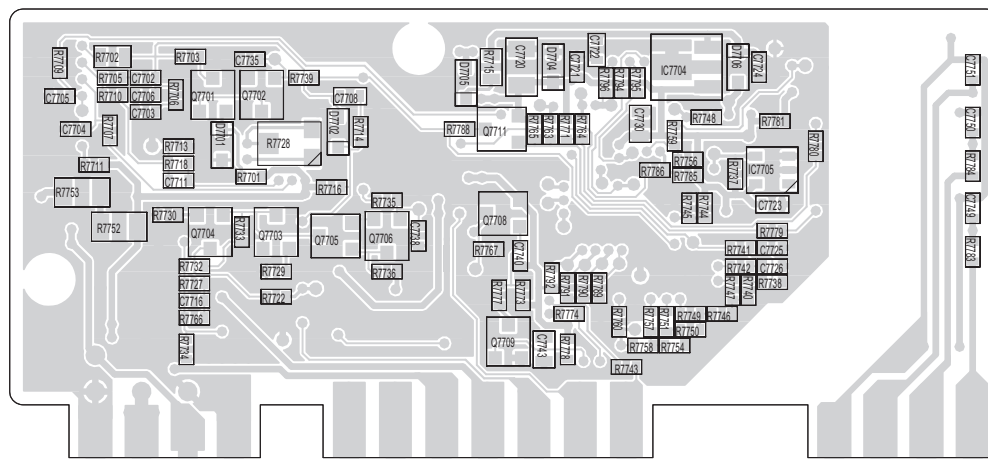
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H
G
F
E
D
C
B
A



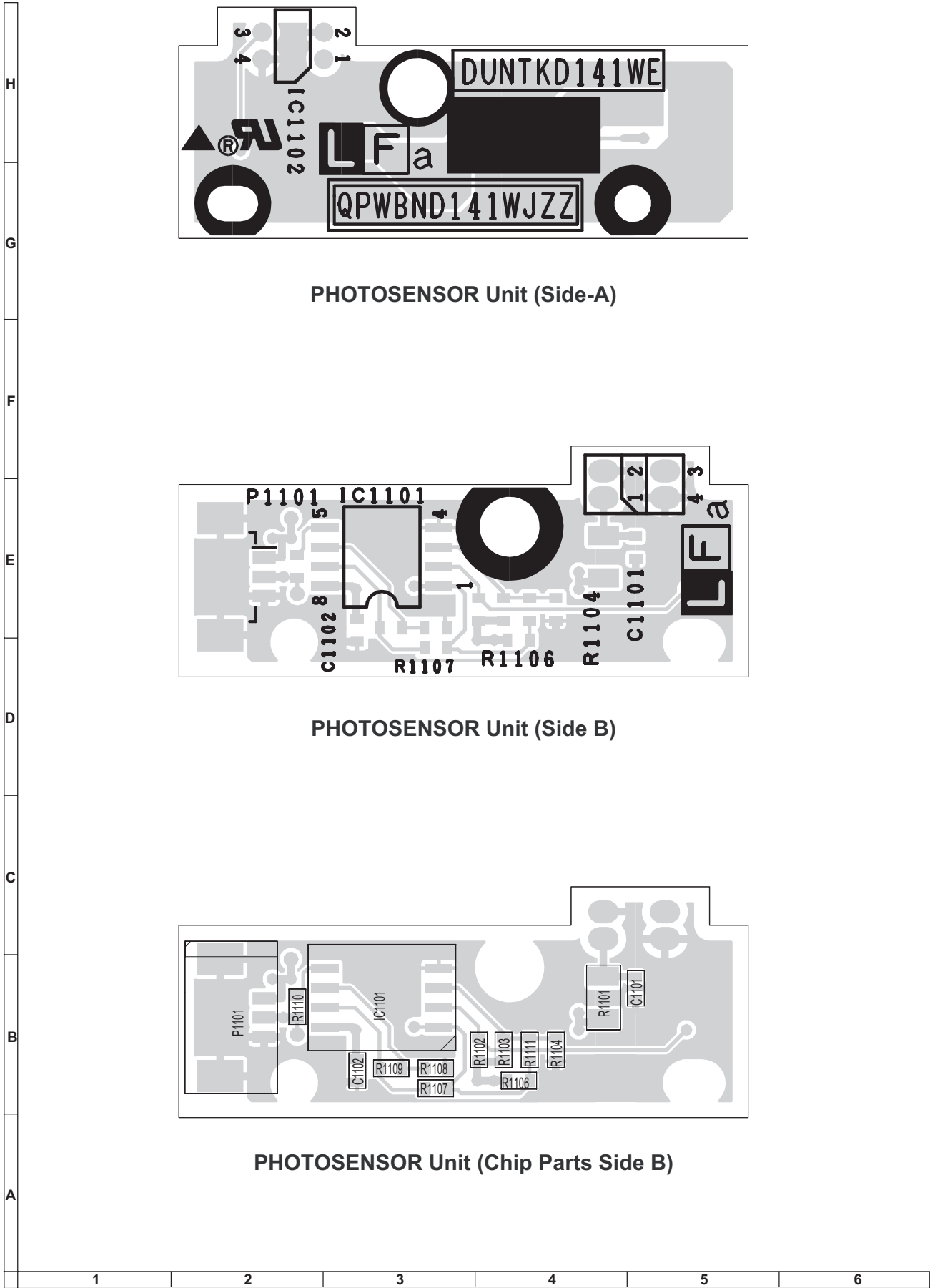
BALLAST CONTROL Unit (Side B)

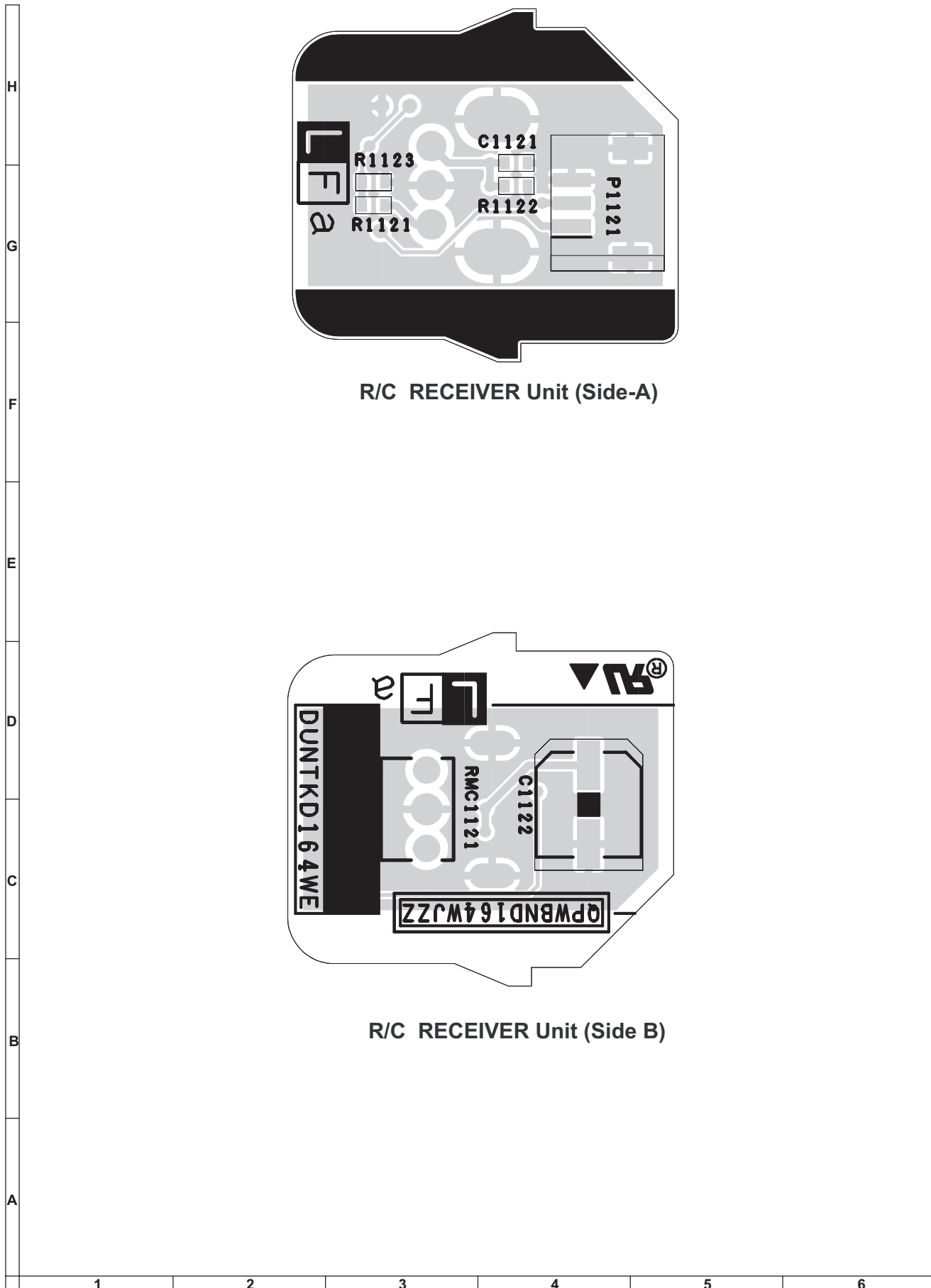


BALLAST CONTROL Unit (Chip Parts Side B)

1 2 3 4 5 6

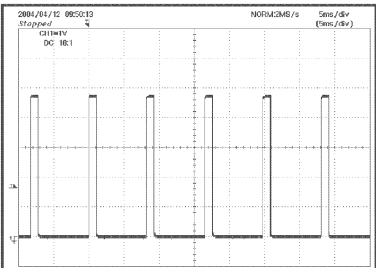
[5] PHOTOSENSOR Unit



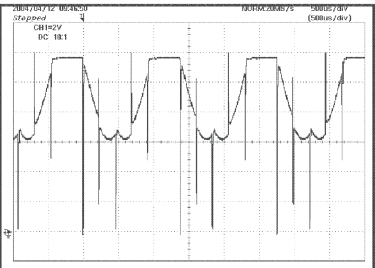
[6] R/C Unit**R/C RECEIVER Unit (Side-A)****R/C RECEIVER Unit (Side B)**

CHAPTER 8. WAVEFORMS

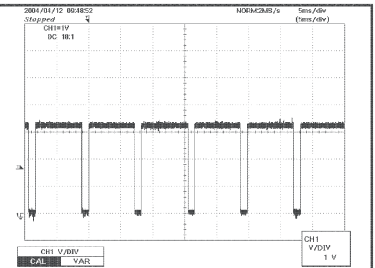
[1] WAVEFORMS



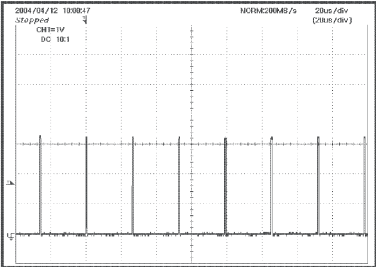
① TL1706
MAIN(8/8) L-POW/SYNC
H:5msec/div
V:1V/div



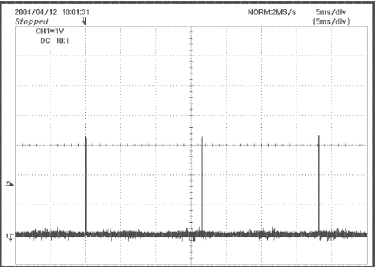
② TL3584
MAIN(5/8) CWY1
H:500µsec/div
V:2V/div



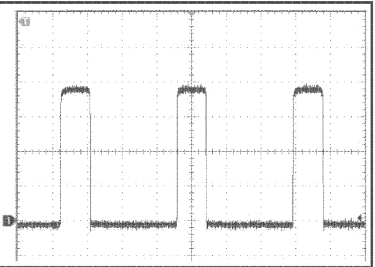
③ TL1716
MAIN(8/8) CWINDEX
H:5msec/div
V:1V/div



⑥ IC3201(69)
MAIN(1/8) GHS
H:20µsec/div
V:1V/div



⑦ IC3201(70)
MAIN(1/8) GVS
H:5msec/div
V:1V/div



⑧ Q901, Q903(GATE)
BALLAST
H:4µsec/div
V:100V/div

CHAPTER 9. SCHEMATIC DIAGRAM

[1] DESCRIPTION OF SCHEMATIC DIAGRAM

1. VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 100V/CROSS 10V-240. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

2. 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 1/10W, 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:

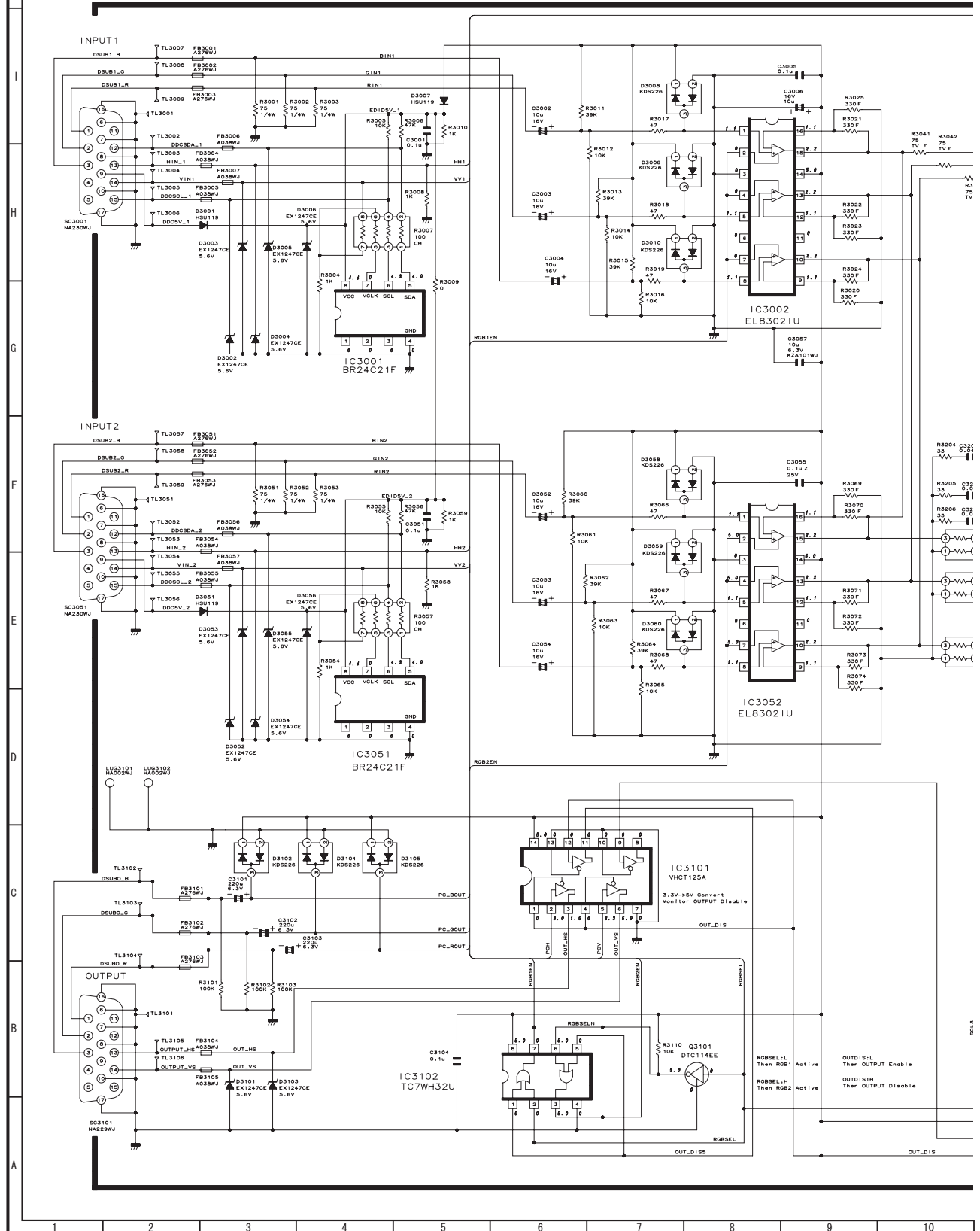
1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

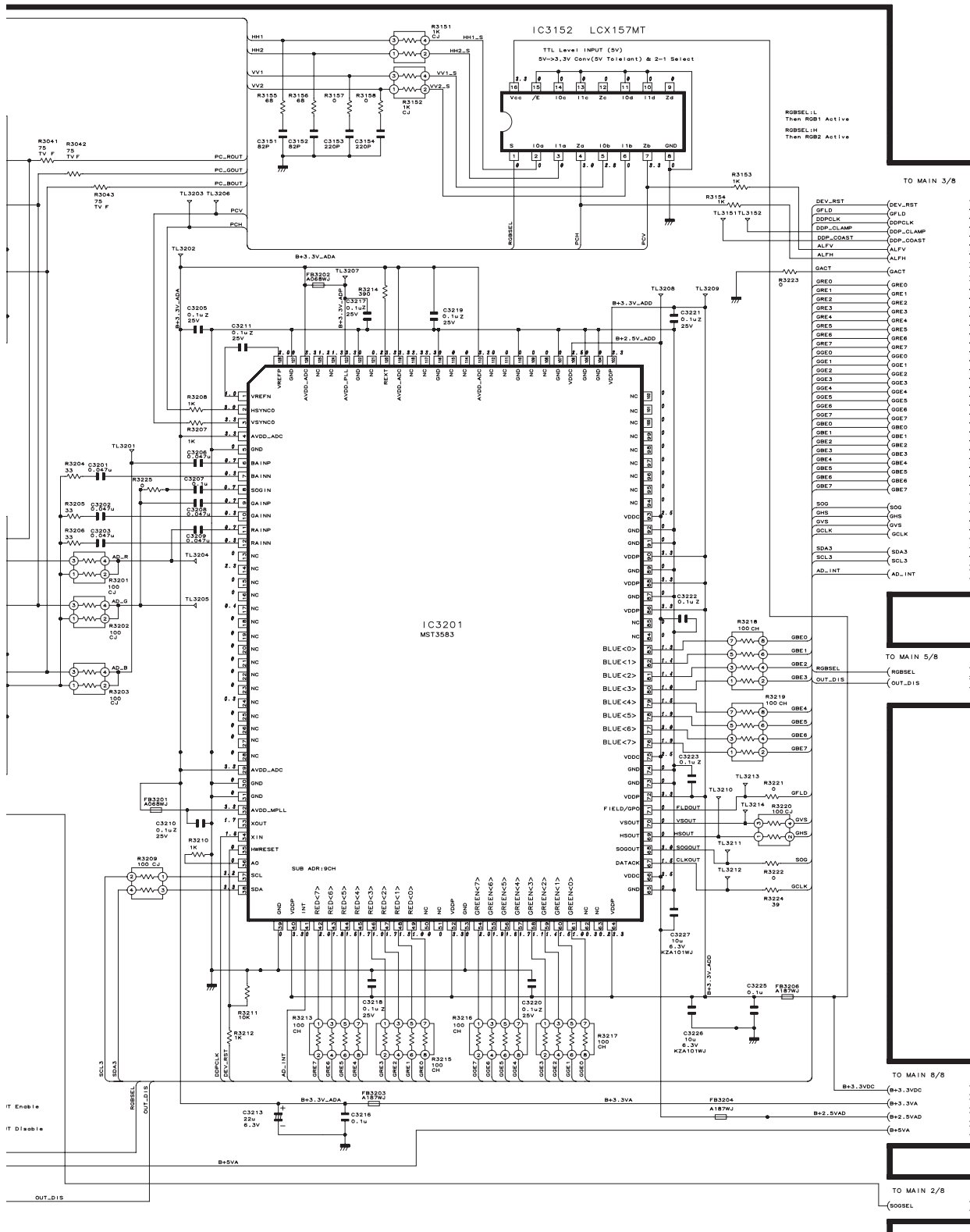
IMPORTANT SAFETY NOTICE:

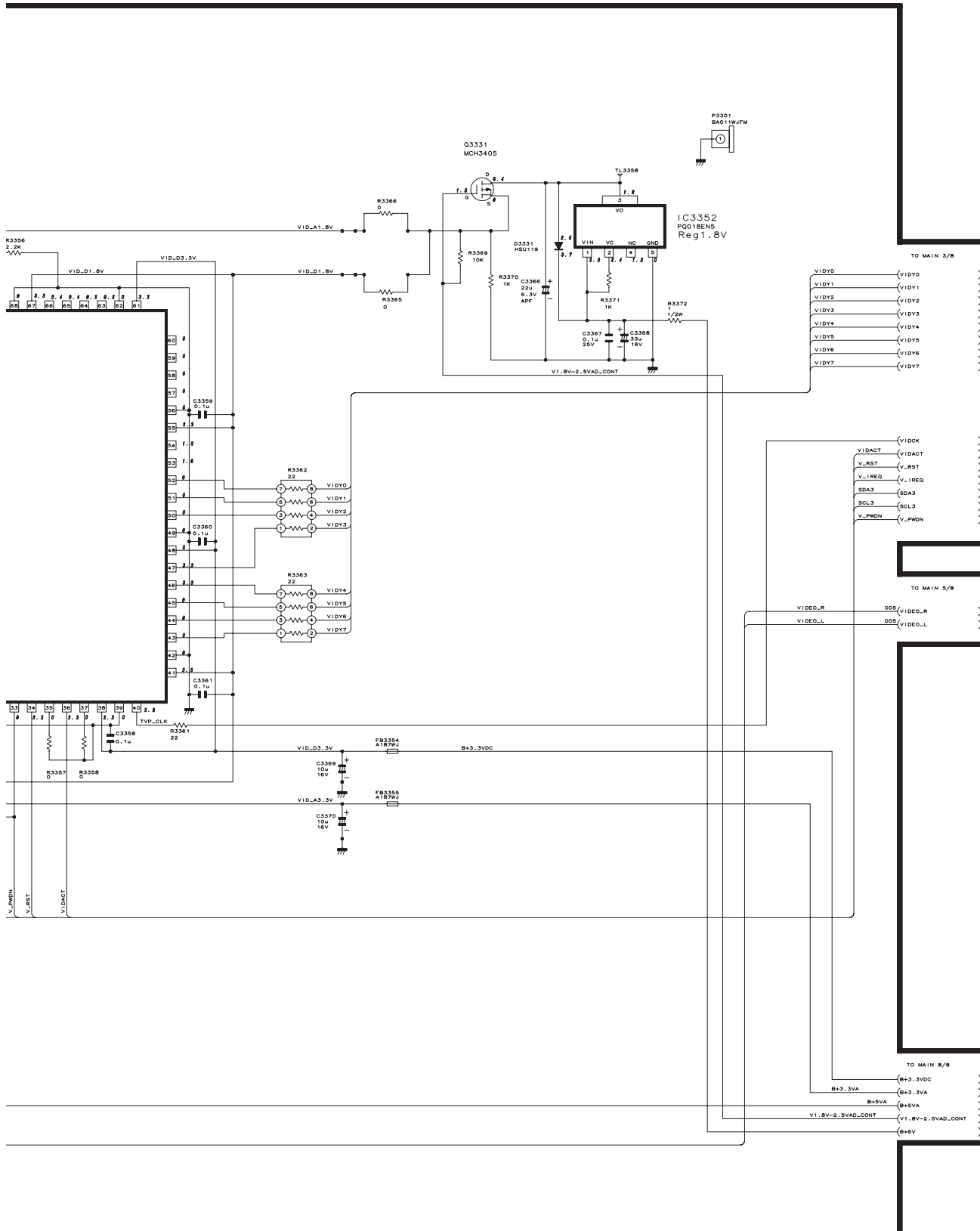
PARTS MARKED WITH "⚠" () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

[2] SCHEMATIC DIAGRAM**MAIN Unit-1**

MAIN (1/8)





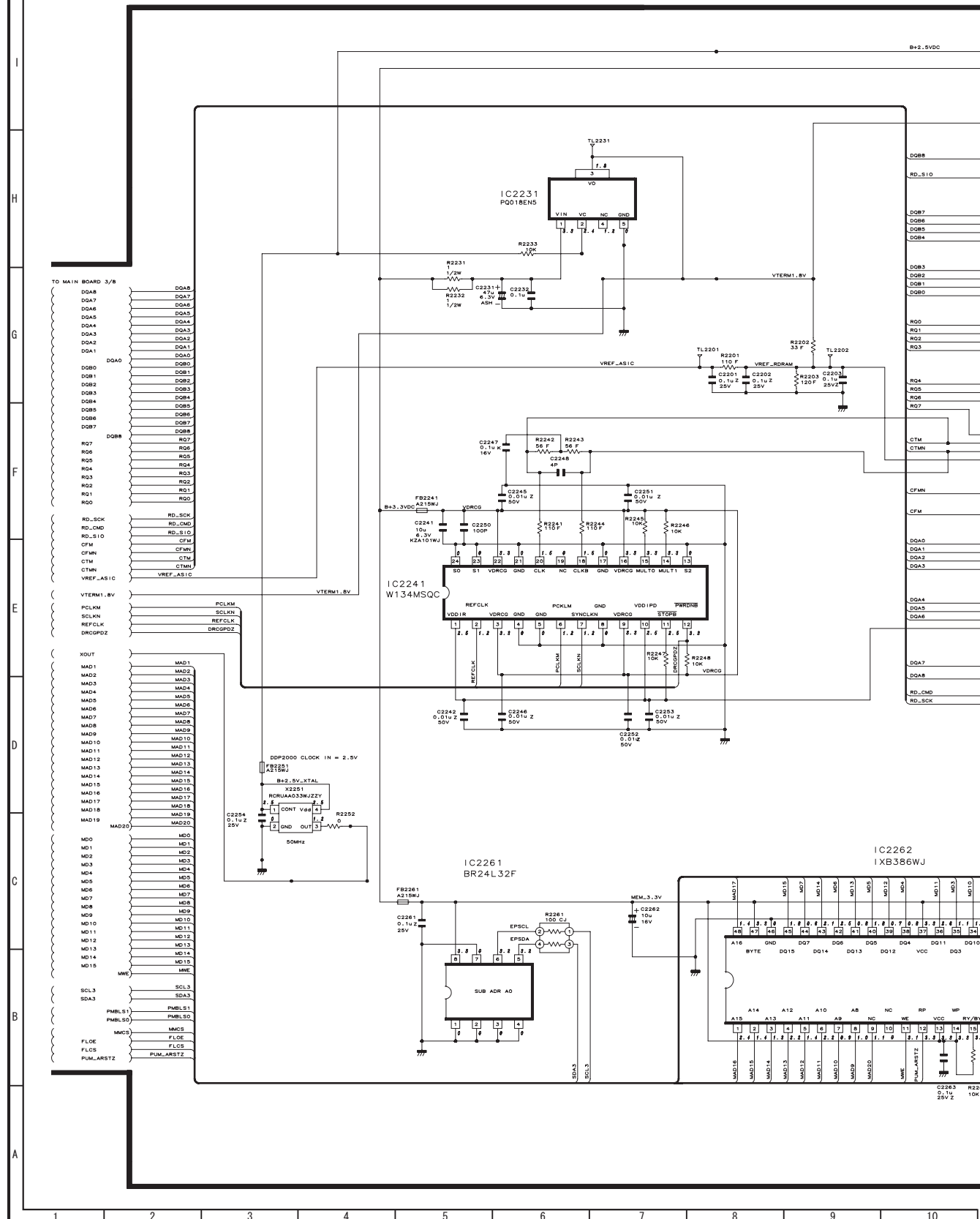


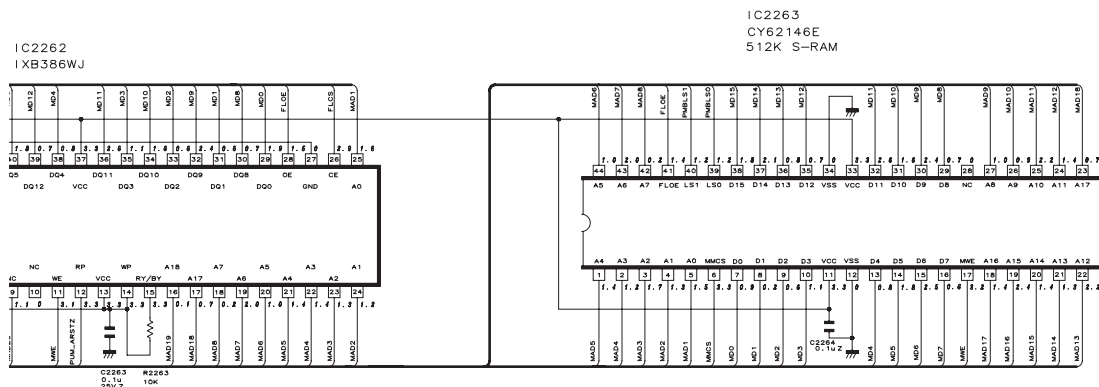
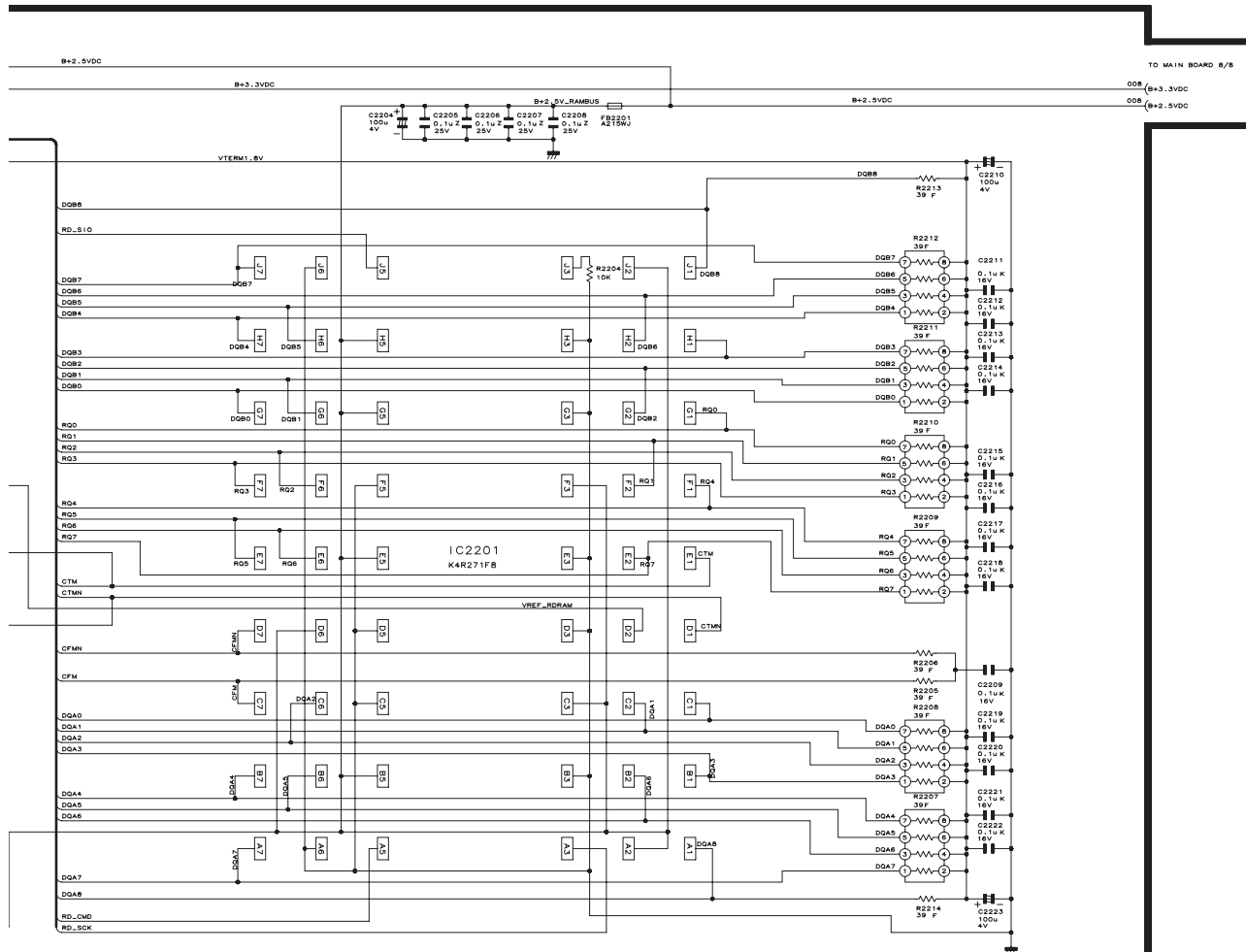




MAIN Unit-4

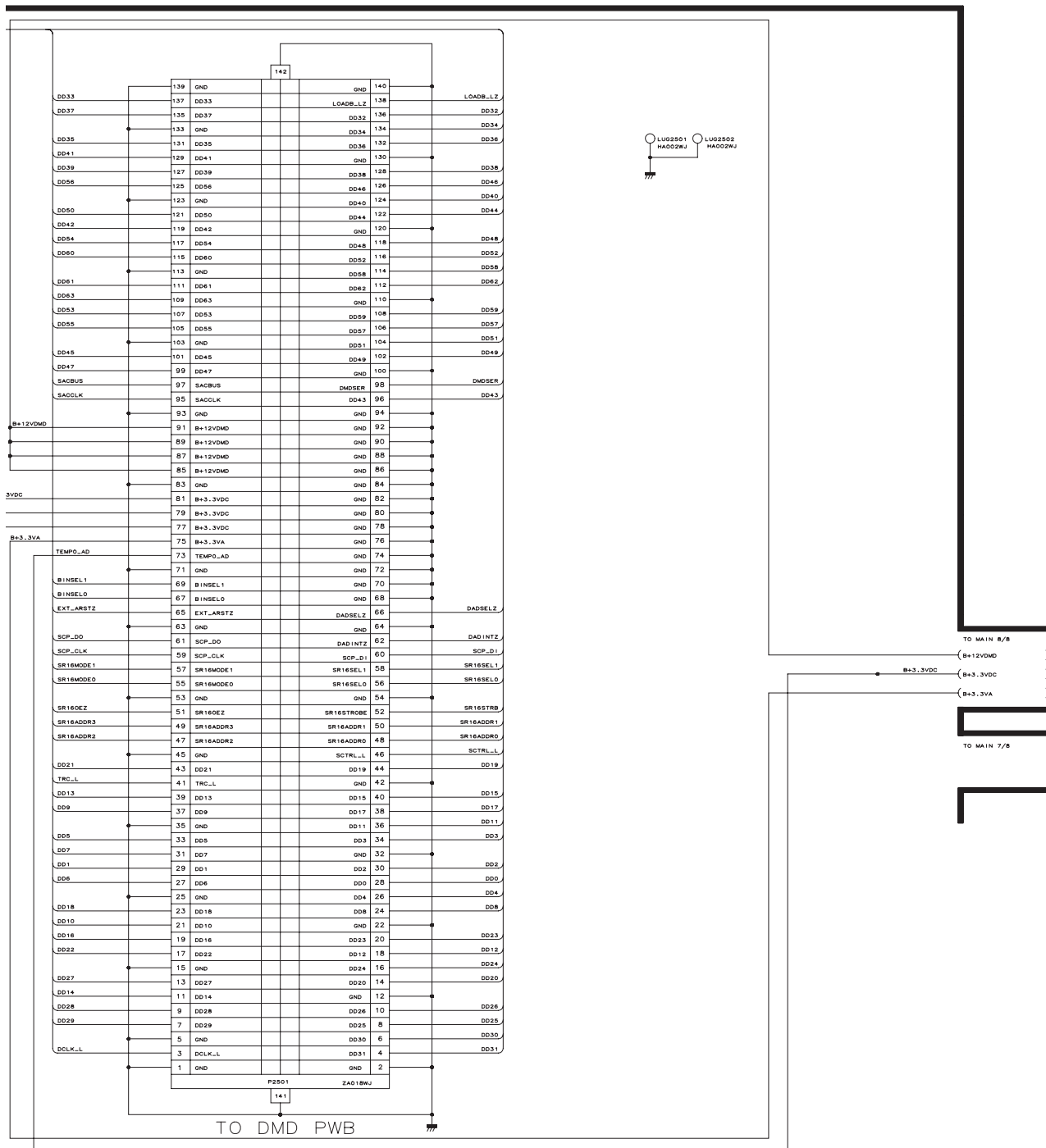
MAIN (4/8).

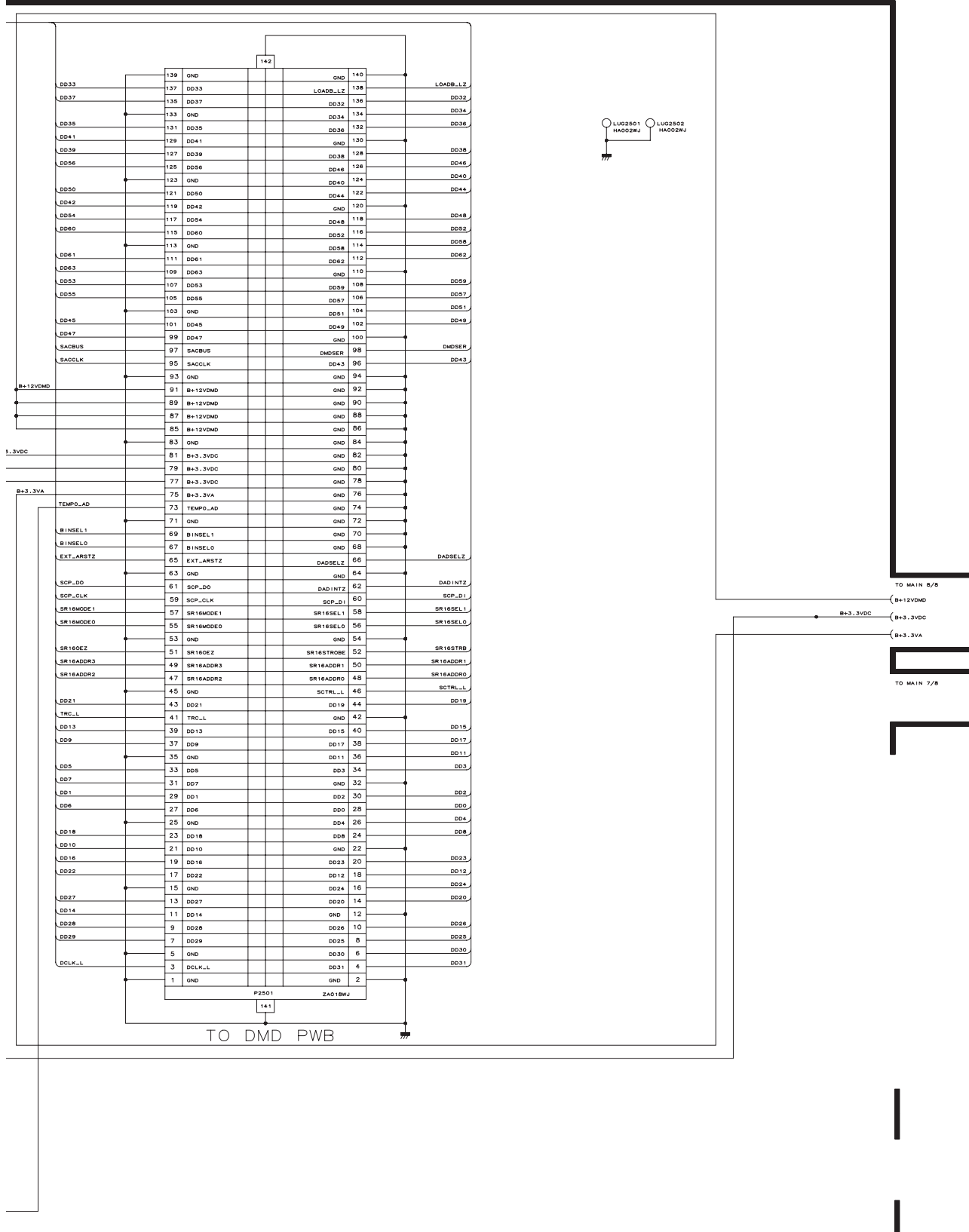




Tilt Sensor/TEMP-AD/Outport

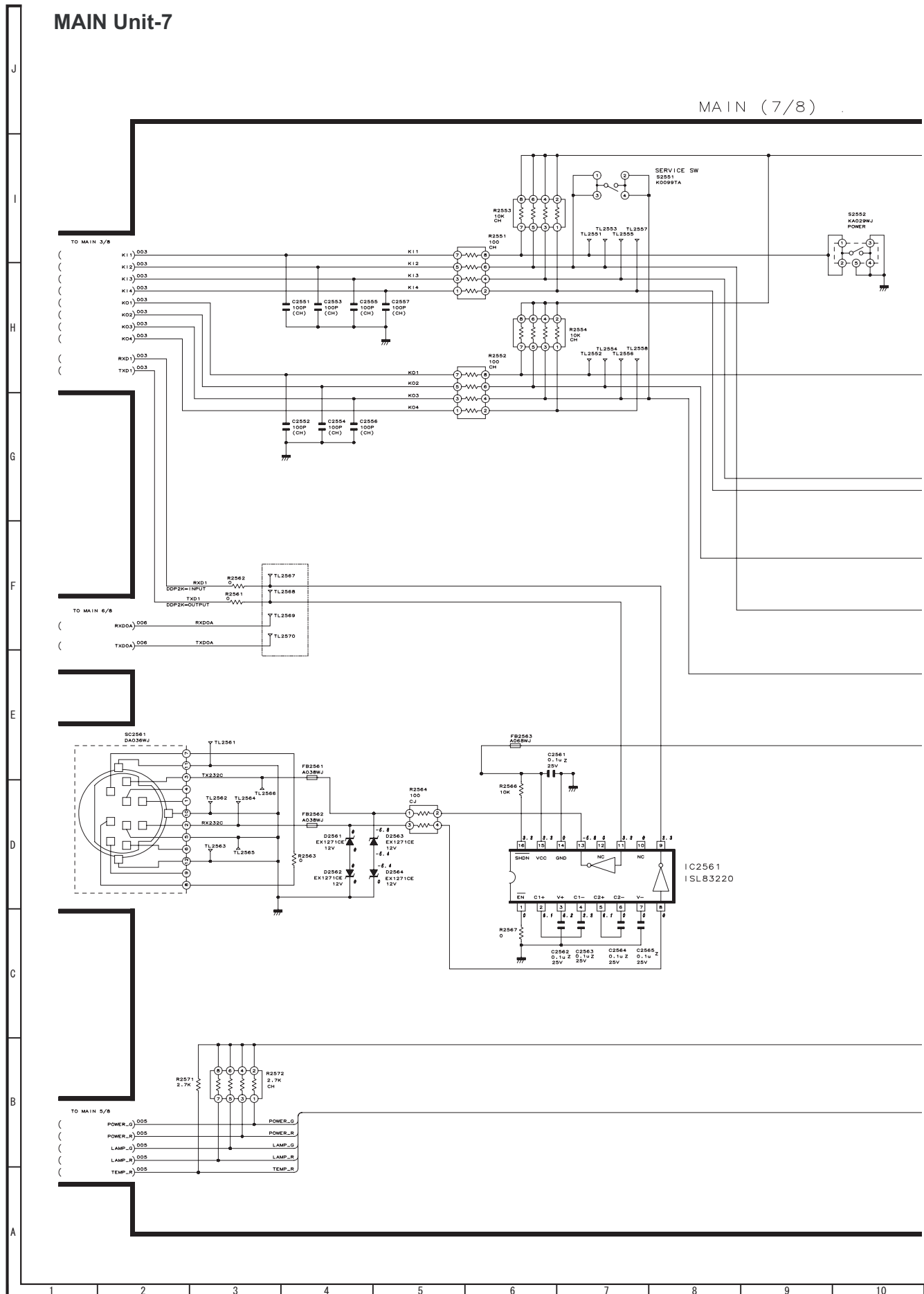


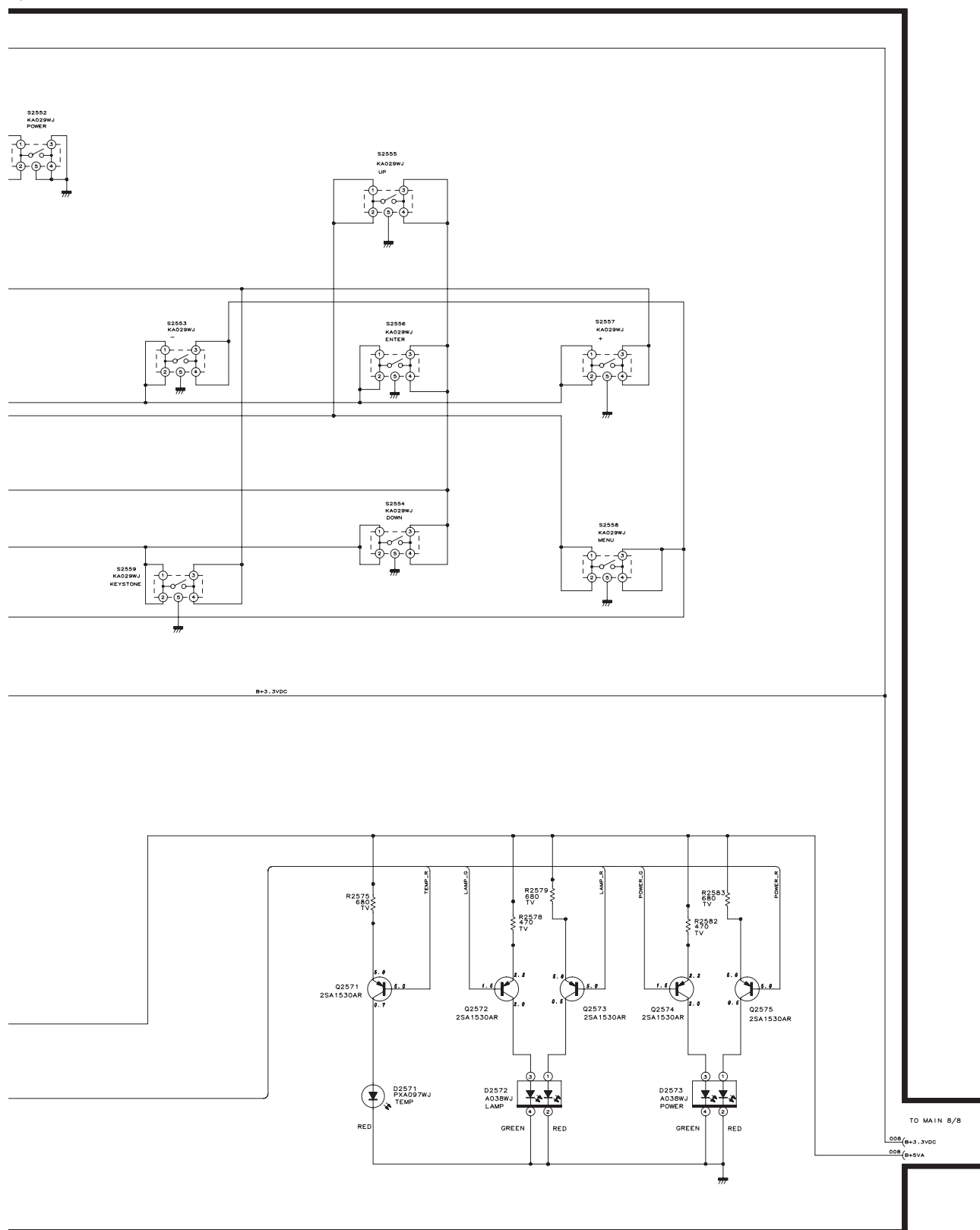




MAIN Unit-7

MAIN (7/8)





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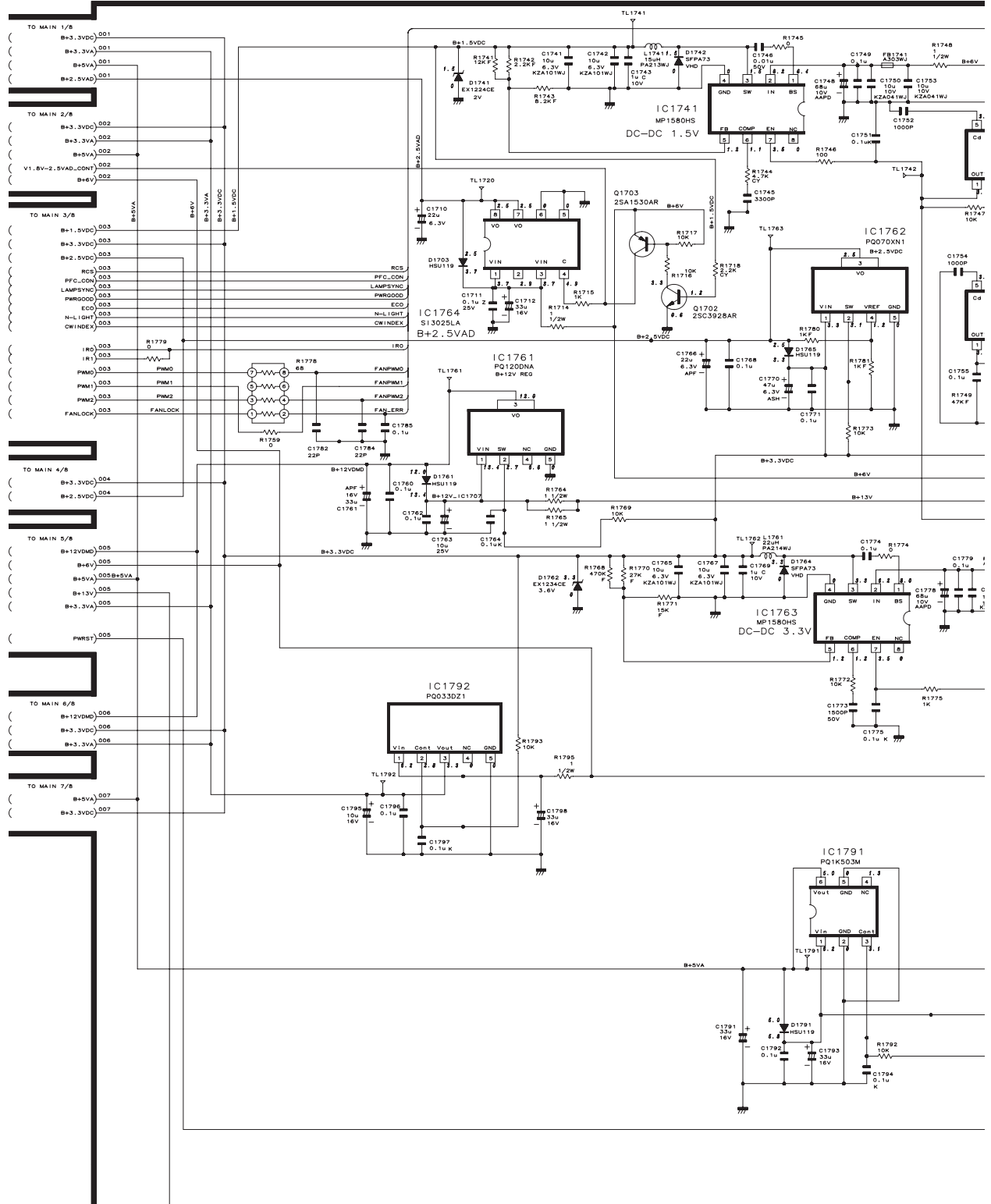
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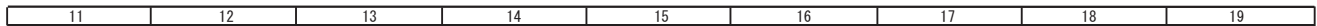
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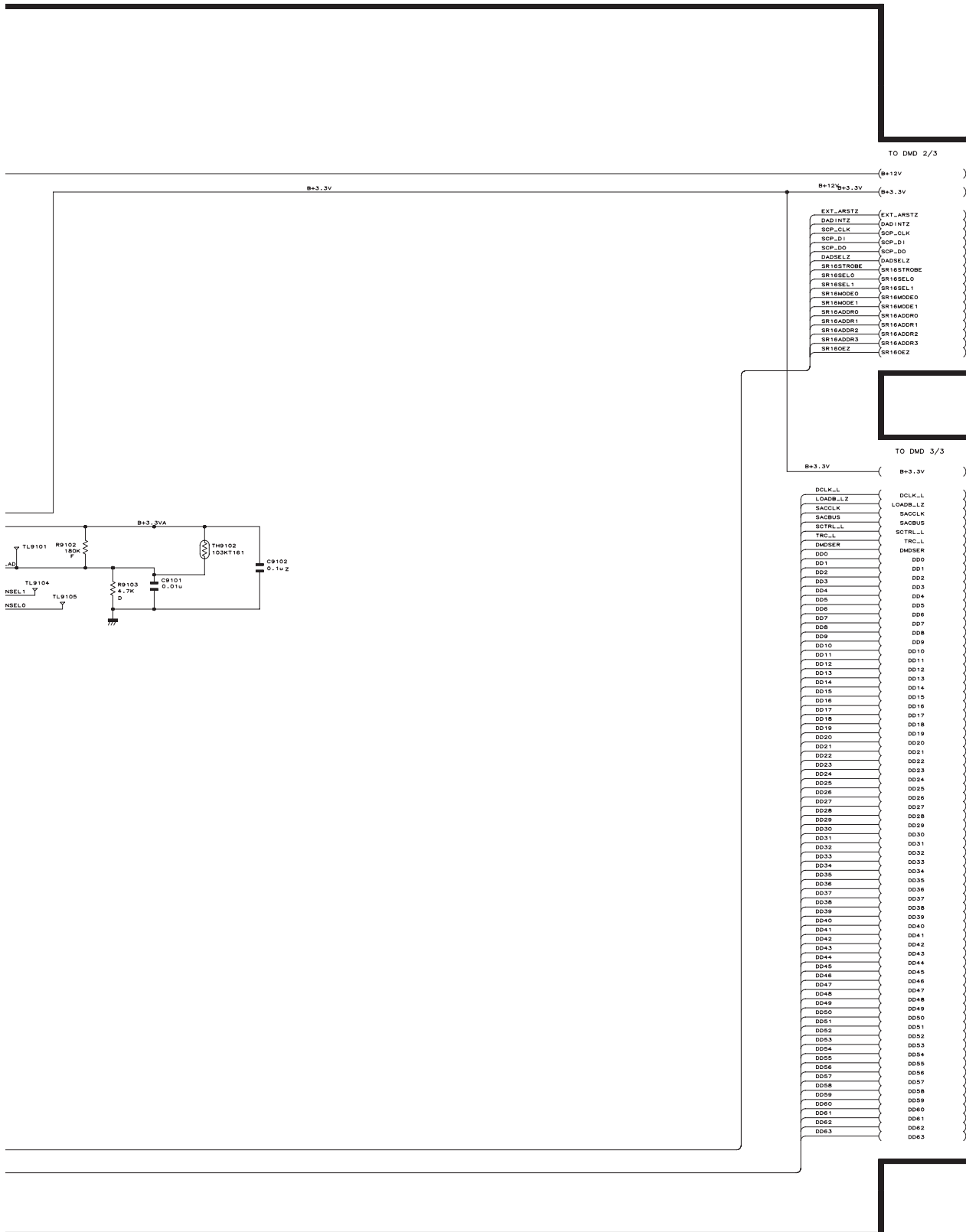
MAIN Unit-8

MAIN (8/8)

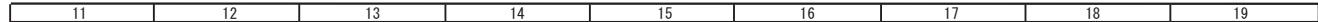




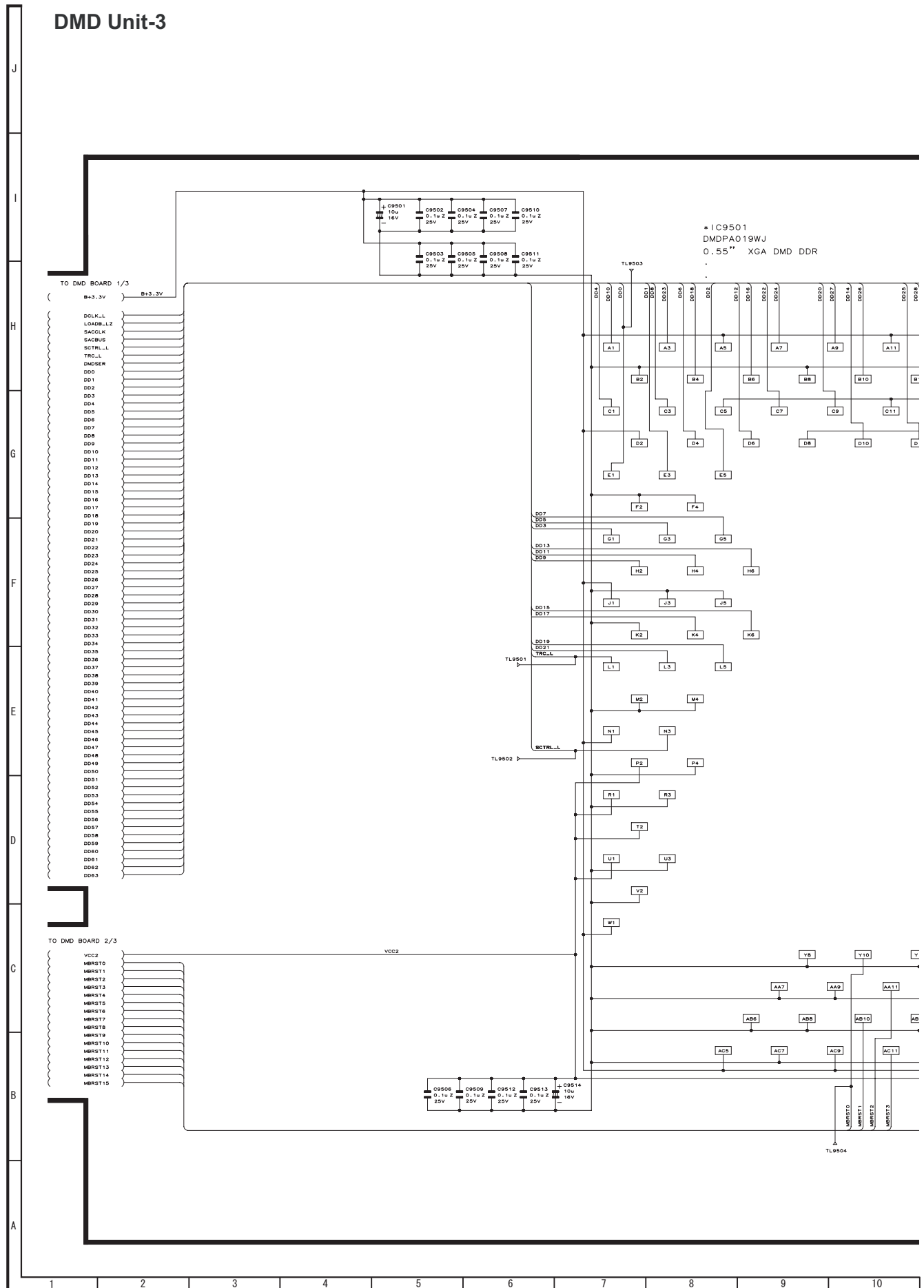


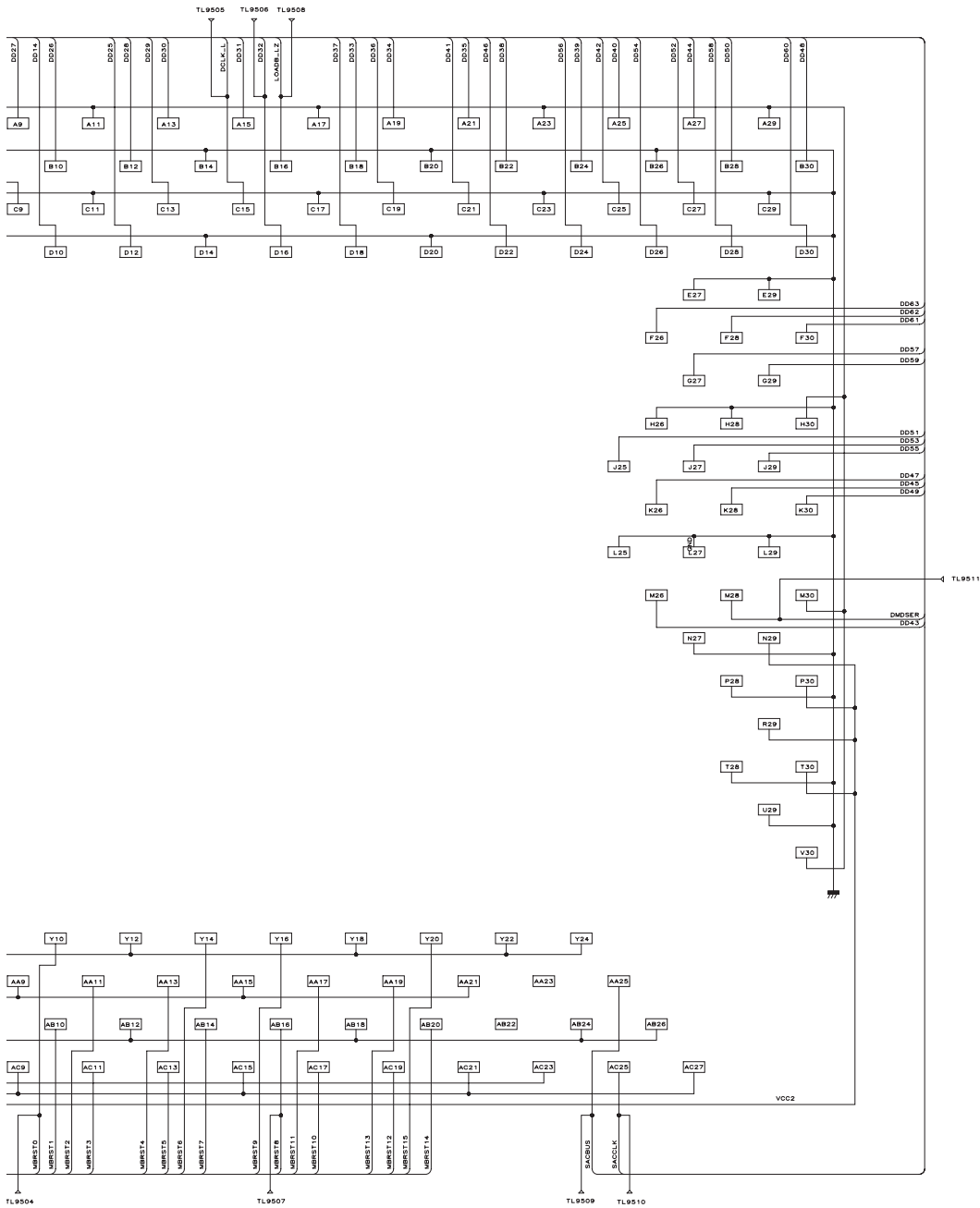






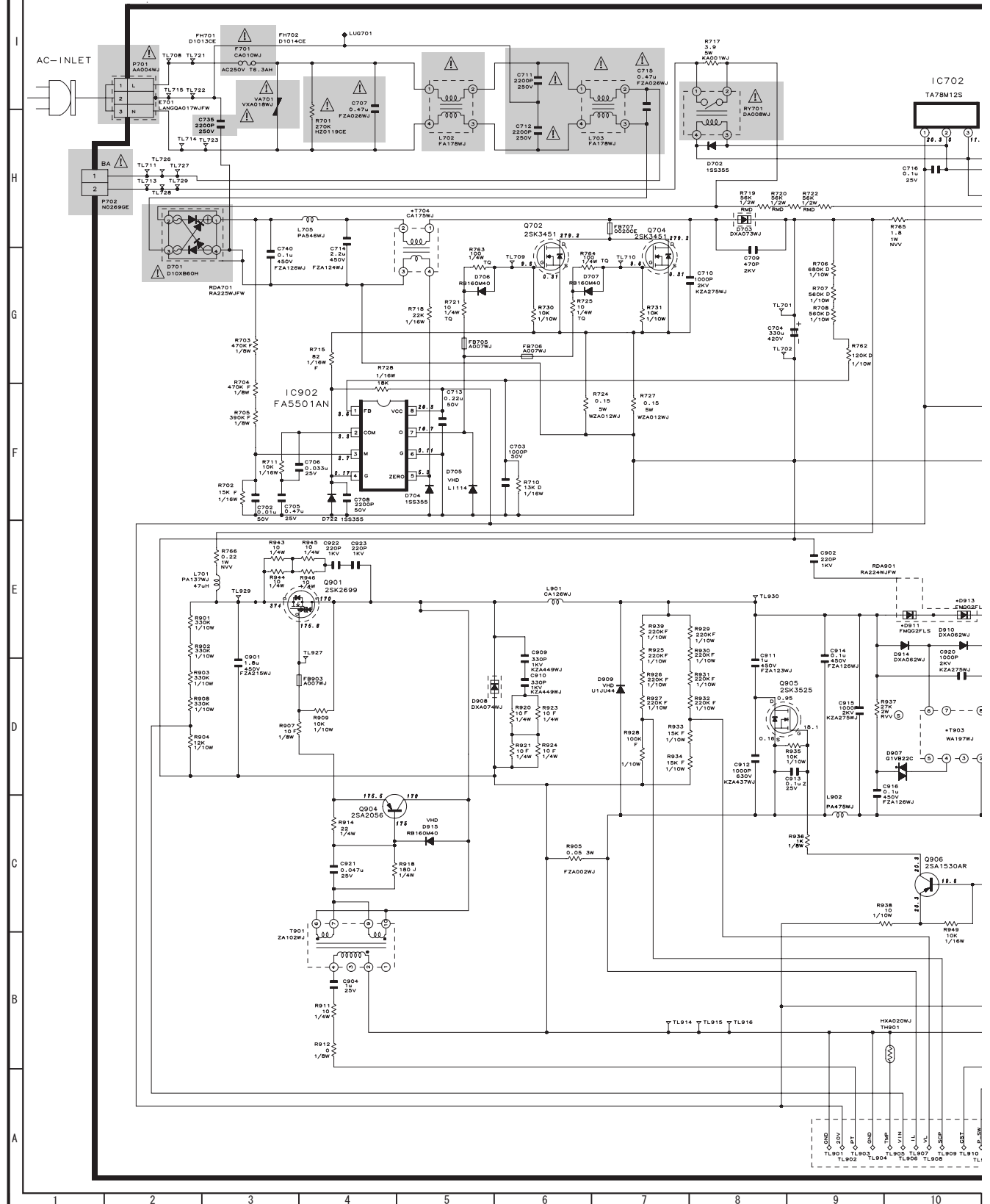
DMD Unit-3



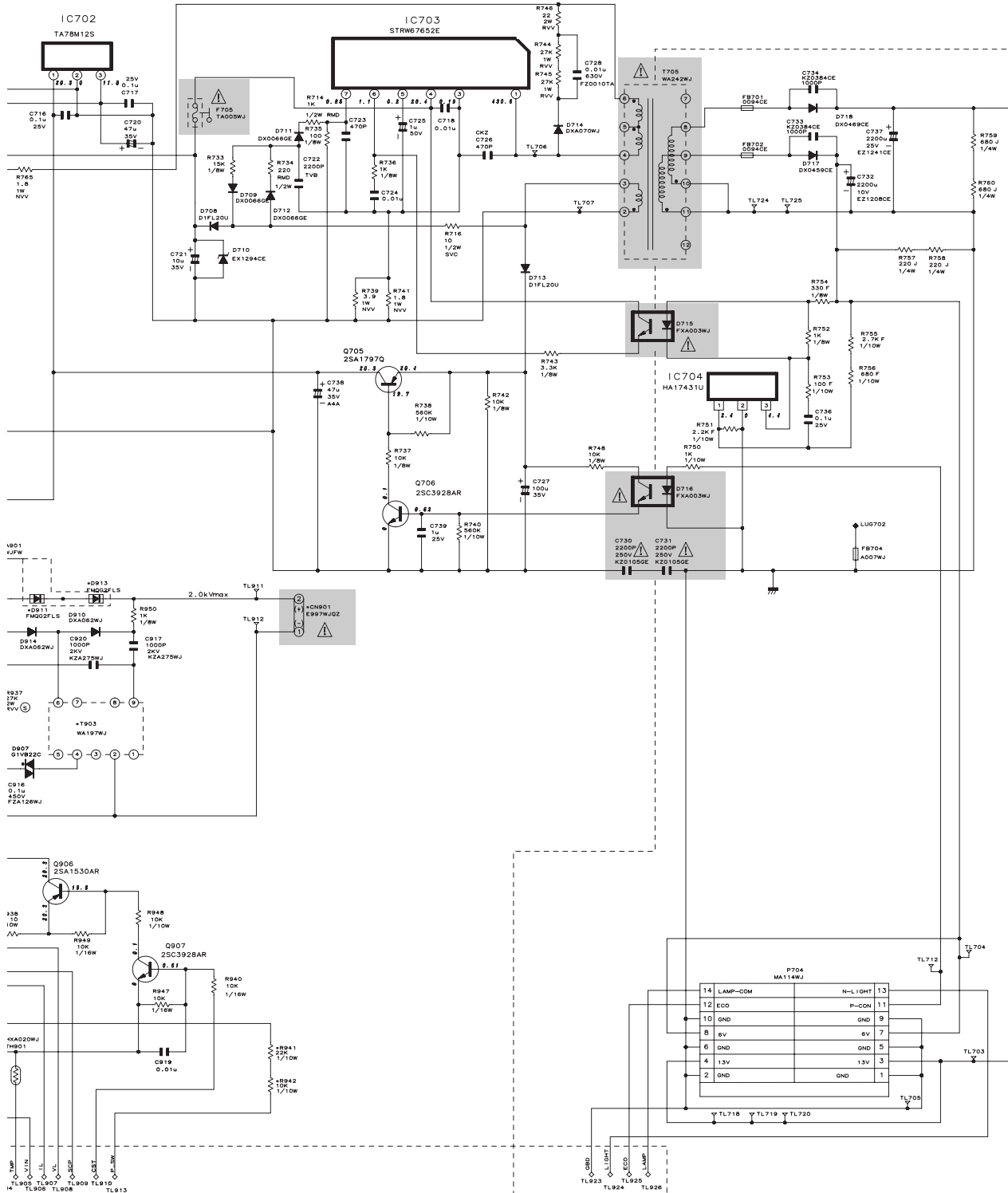


BALLAST POWER Unit

BALLAST POWER

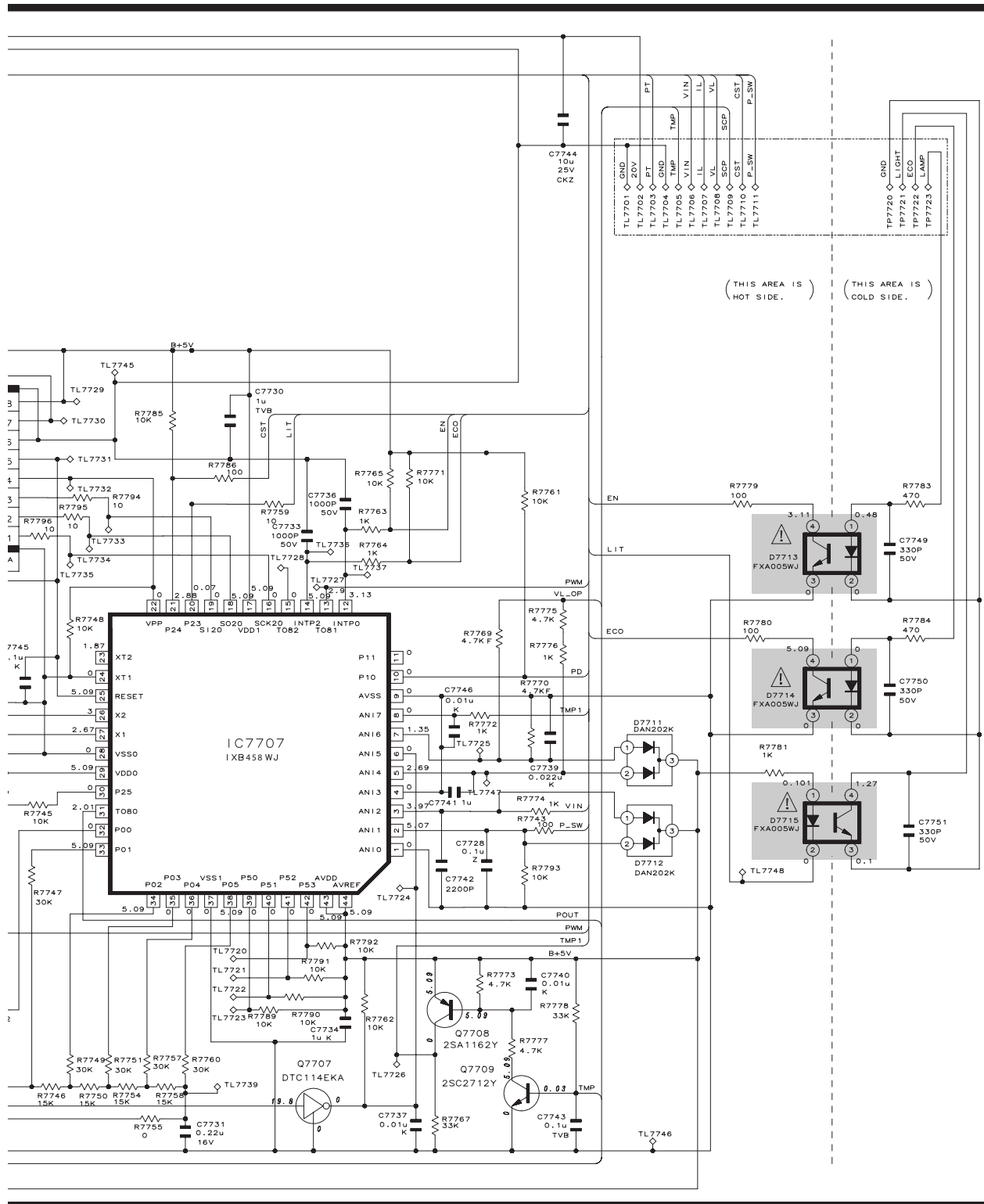


⚠ AND SHADED COMPONENTS=SAFETY RELATED PARTS



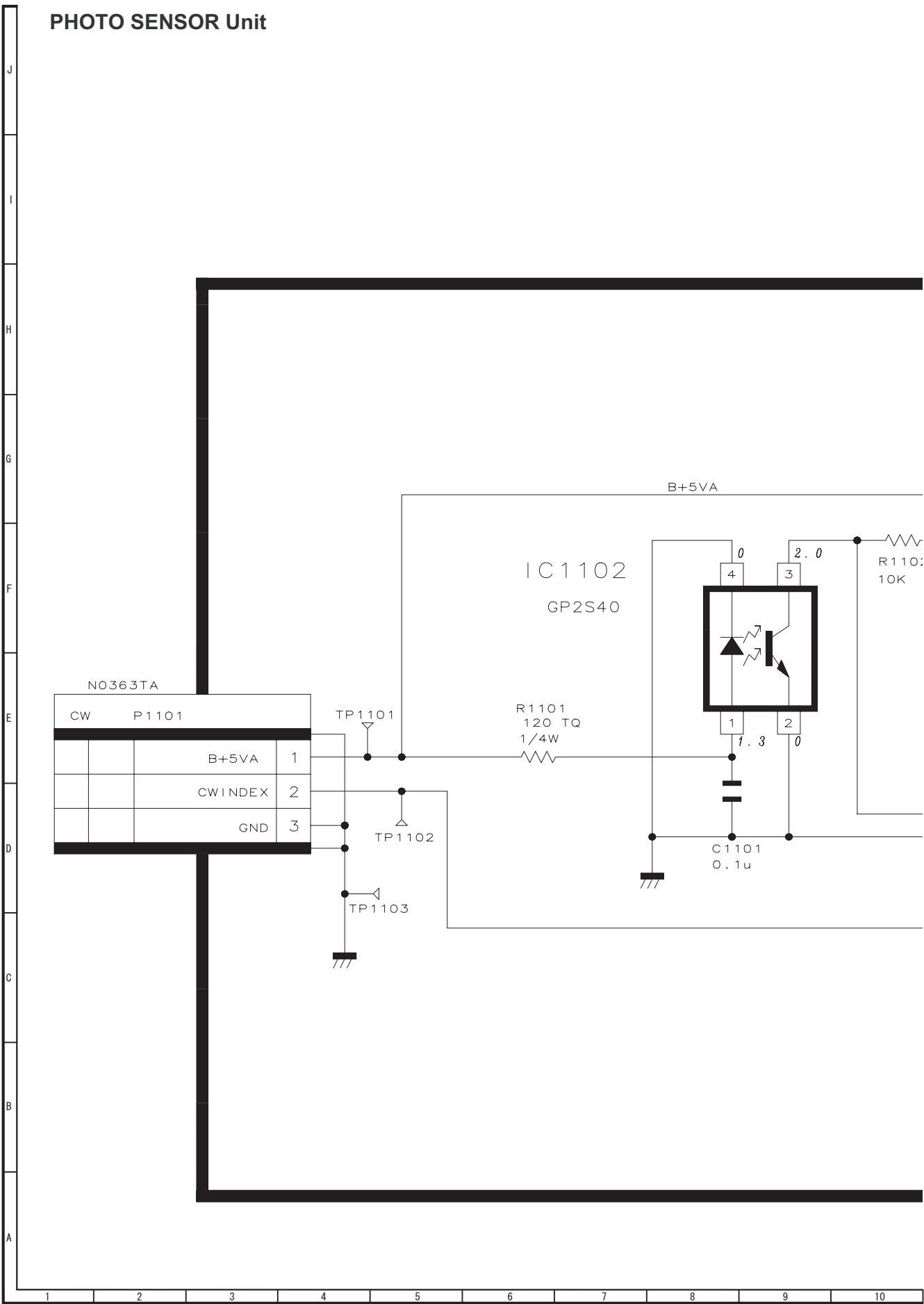


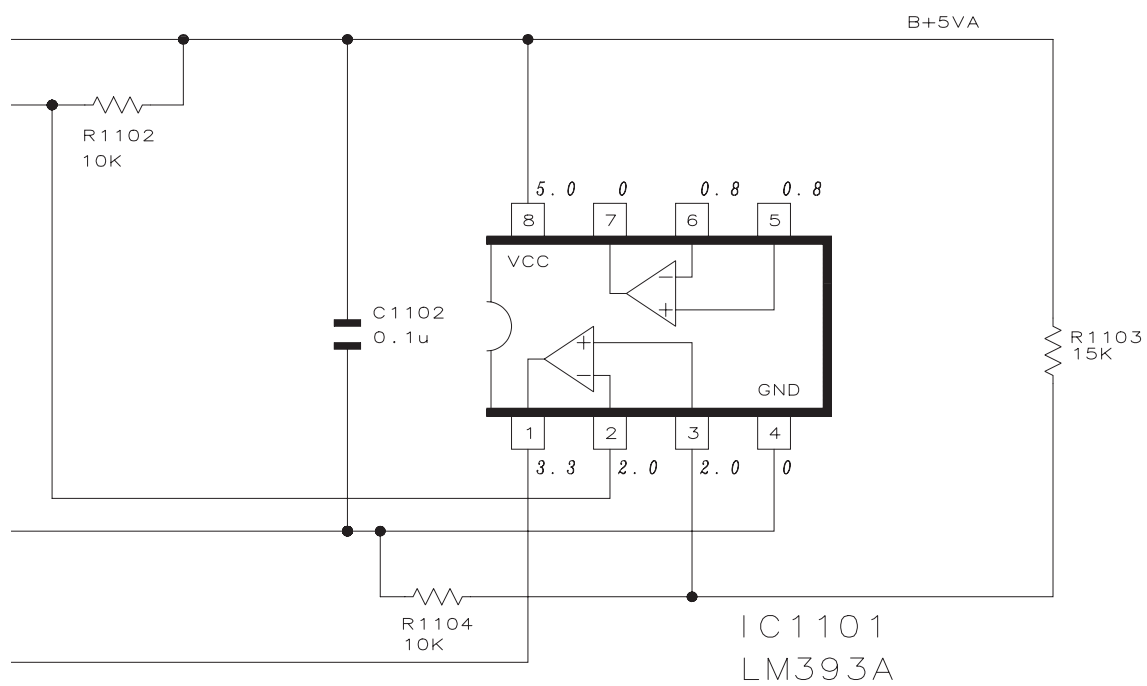
⚠ AND SHADED COMPONENTS=SAFETY RELATED PARTS



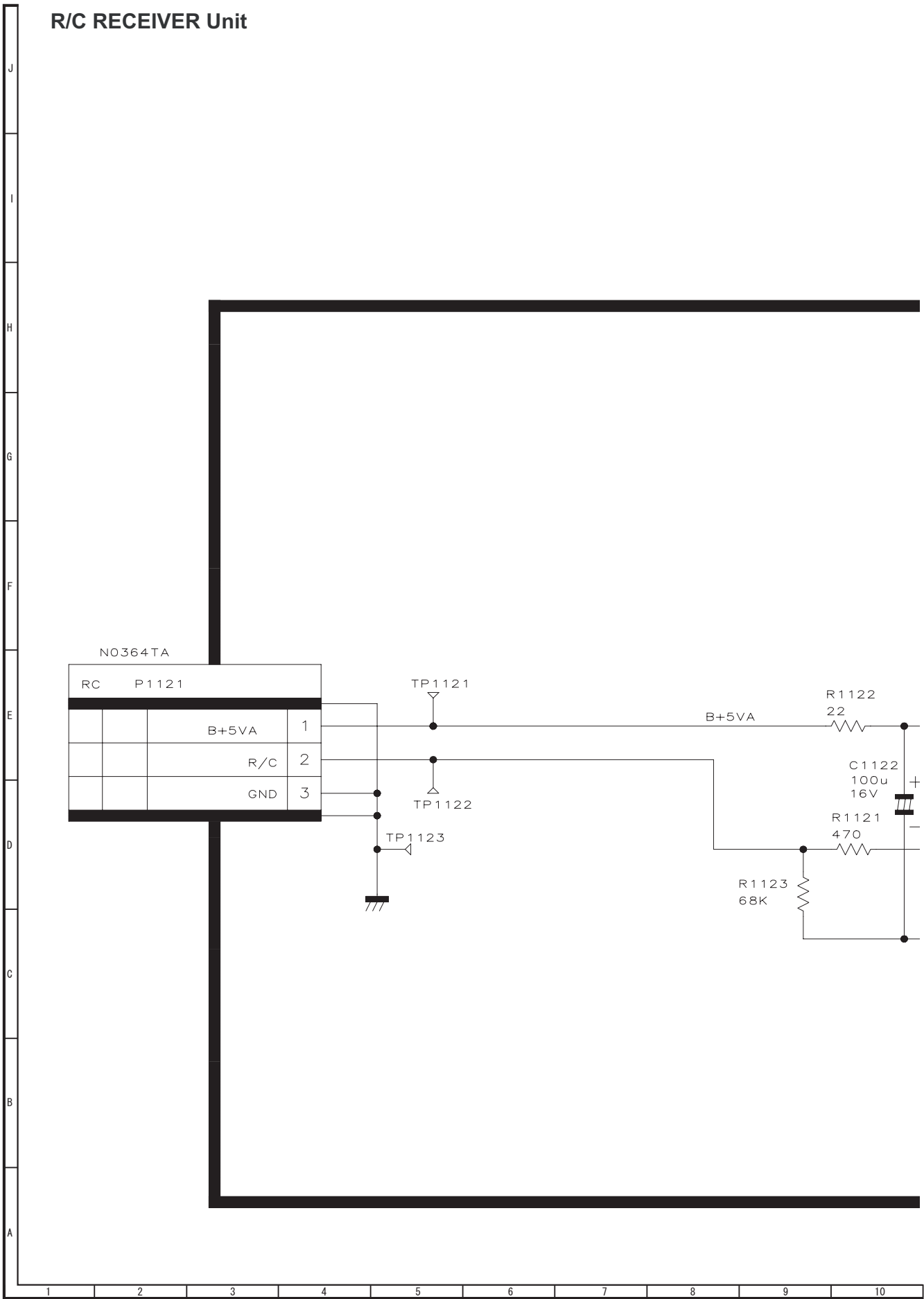
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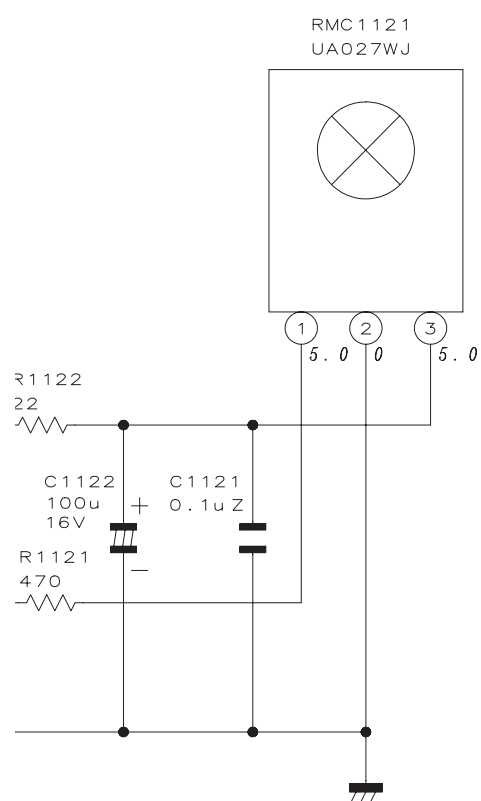
PHOTO SENSOR Unit



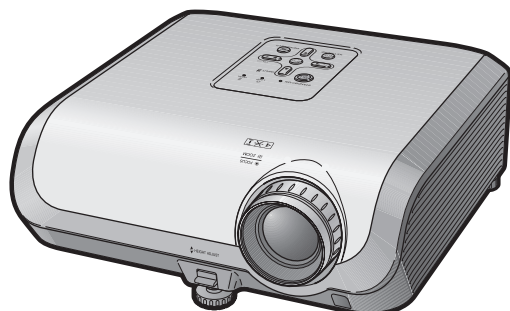


R/C RECEIVER Unit





SHARP PARTS GUIDE



MULTIMEDIA PROJECTOR

XR-10X-L

XR-10S-L

XR-11XC-L

XR-HB007X-L

MODELS XG-MB50X-L

CONTENTS

- | | |
|--|---|
| [1] PRINTED WIRING BOARD ASSEMBLIES | [7] DUNTKD164WEF4 (R/C RECEIVER Unit) |
| [2] DUNTKE004FMF0/1 (MAIN Unit) | [8] CABINET AND MECHANICAL PARTS |
| [3] DUNTKD140WEF0 (DMD Unit) | [9] OPTICAL MECHANISM PARTS |
| [4] DUNTKD141WEF4 (PHOTO SENSOR Unit) | [10] SUPPLIED ACCESSORIES |
| [5] DUNTKD147WEF6 (BALLAST POWER Unit) | [11] PACKING PARTS (NOT REPLACEMENT ITEM) |
| [6] DUNTKD148WEF4 (BALLAST CONTROL Unit) | [12] SERVICE JIGS AND EQUIPMENT (USE FOR SERVICING) |

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.

SHARP CORPORATION

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

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[1] PRINTED WIRING BOARD ASSEMBLIES					
N	DUNTKE004FMF0	CN	N	J	MAIN Unit (10S-L)
N	DUNTKE004FMF1	CN	N	J	MAIN Unit (10X-L/11XC-L/MB50X-L/HB007X-L)
N	DUNTKD140WEF0	BT	N	J	DMD Unit
N	DUNTKD141WEF4	AP	N	J	PHOTO SENSOR Unit
N	DSETUD147FMG1	BZ	N	J	BALLAST POWER Ass'y (with Ballast Control Unit)
N	Not Available	-		-	BALLAST POWER Unit Order the BALLAST POWER Ass'y (DSETUD147FMG1) when replacing power ballast unit (DUNTKD147WEF6).
N	DUNTKD148WEF4	BE	N	J	BALLAST CONTROL Unit
N	DUNTKD164WEF4	AN	N	J	R/C RECEIVER Unit
[2] DUNTKE004FMF0/1 (MAIN Unit)					
C1701	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1702	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1703	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1704	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C1705	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1710	VCEAPF0JW226MY	AB		J	Capacitor 22 6.3V Electrolytic
C1711	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1712	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C1717	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1718	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1721	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C1722	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1723	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1724	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1725	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1726	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C1727	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C1728	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C1729	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1741	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C1742	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C1743	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C1745	VCKYCY1HB332KY	AA		J	Capacitor 3300p 50V Ceramic
C1746	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C1748	VCAAPD1AJ686MY	AE		J	Capacitor 68 10V Electrolytic
C1749	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1750	RC-KZA041WJZZY	AC		J	Capacitor 10 10V Ceramic
C1751	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C1752	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C1753	RC-KZA041WJZZY	AC		J	Capacitor 10 10V Ceramic
C1754	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C1755	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1760	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1761	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C1762	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1763	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C1764	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C1765	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C1766	VCEAPF0JW226MY	AB		J	Capacitor 22 6.3V Electrolytic
C1767	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C1768	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1769	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C1770	VCEASH0JN476MY	AC		J	Capacitor 47 6.3V Electrolytic
C1771	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1773	VCKYCY1HB152KY	AA		J	Capacitor 1500p 50V Ceramic
C1774	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1775	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C1778	VCAAPD1AJ686MY	AE		J	Capacitor 68 10V Electrolytic
C1779	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1780	RC-KZA041WJZZY	AC		J	Capacitor 10 10V Ceramic
C1781	RC-KZA041WJZZY	AC		J	Capacitor 10 10V Ceramic
C1782	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1784	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1785	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1791	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C1792	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1793	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C1794	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C1795	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C1796	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1797	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C1798	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C2001	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2002	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C2003	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2004	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2006	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2007	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2009	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2010	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2012	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2014	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2015	VCEAPF0JW107MY	AC		J	Capacitor 100 6.3V Electrolytic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
C2016	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2018	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C2019	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2020	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C2021	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2022	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2025	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2027	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2028	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C2030	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2031	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2032	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2033	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2034	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2035	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2201	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2202	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2203	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2204	VCSNDE0GP107MY	AF		J	Capacitor 100 4V (AL)
C2205	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2206	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2207	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2208	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2209	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2210	VCSNDE0GP107MY	AF		J	Capacitor 100 4V (AL)
C2211	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2212	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2213	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2214	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2215	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2216	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2217	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2218	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2219	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2220	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2221	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2222	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2223	VCSNDE0GP107MY	AF		J	Capacitor 100 4V (AL)
C2231	VCEASH0JN476MY	AC		J	Capacitor 47 6.3V Electrolytic
C2232	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2241	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C2242	VCKYCY1HF103ZY	AA		J	Capacitor 0.01 50V Ceramic
C2245	VCKYCY1HF103ZY	AA		J	Capacitor 0.01 50V Ceramic
C2246	VCKYCY1HF103ZY	AA		J	Capacitor 0.01 50V Ceramic
C2247	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C2248	VCCCCY1HH4R0CY	AA		J	Capacitor 40p 50V Ceramic
C2250	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2251	VCKYCY1HF103ZY	AA		J	Capacitor 0.01 50V Ceramic
C2252	VCKYCY1HF103ZY	AA		J	Capacitor 0.01 50V Ceramic
C2253	VCKYCY1HF103ZY	AA		J	Capacitor 0.01 50V Ceramic
C2254	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2261	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2262	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C2263	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2264	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2551	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2552	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2553	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2554	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2555	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2556	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2557	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2561	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2562	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2563	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2564	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2565	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3001	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3002	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3003	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3004	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3005	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3006	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3051	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3052	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3053	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3054	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3055	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3057	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C3101	VCEAPF0JW227MY	AD		J	Capacitor 220 6.3V Electrolytic
C3102	VCEAPF0JW227MY	AD		J	Capacitor 220 6.3V Electrolytic
C3103	VCEAPF0JW227MY	AD		J	Capacitor 220 6.3V Electrolytic
C3104	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3151	VCCCCY1HH820JY	AA		J	Capacitor 82p 50V Ceramic
C3152	VCCCCY1HH820JY	AA		J	Capacitor 82p 50V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
C3153	VCCCCY1HH221 JY	AA		J	Capacitor 220p 50V Ceramic
C3154	VCCCCY1HH221 JY	AA		J	Capacitor 220p 50V Ceramic
C3201	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3202	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3203	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3205	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3206	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3207	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C3208	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3209	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3210	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3211	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3213	VCEAPF0JW226MY	AB		J	Capacitor 22 6.3V Electrolytic
C3216	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3217	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3218	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3219	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3220	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3221	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3222	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3223	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3225	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3226	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C3227	RC-KZA101WJZZY	AC		J	Capacitor 10 6.3V Ceramic
C3301	VCEAPF1CW226MY	AB		J	Capacitor 22 16V Electrolytic
C3302	VCCCCY1HH151 JY	AA		J	Capacitor 150p 50V Ceramic
C3303	VCCCCY1HH681 JY	AB		J	Capacitor 680p 50V Ceramic
C3304	VCCCCY1HH681 JY	AB		J	Capacitor 680p 50V Ceramic
C3306	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3311	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3312	VCCCCY1HH151 JY	AA		J	Capacitor 150p 50V Ceramic
C3313	VCCCCY1HH681 JY	AB		J	Capacitor 680p 50V Ceramic
C3314	VCCCCY1HH681 JY	AB		J	Capacitor 680p 50V Ceramic
C3315	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3321	VCEAPF1CW226MY	AB		J	Capacitor 22 16V Electrolytic
C3322	VCCCCY1HH151 JY	AA		J	Capacitor 150p 50V Ceramic
C3323	VCCCCY1HH681 JY	AB		J	Capacitor 680p 50V Ceramic
C3324	VCCCCY1HH681 JY	AB		J	Capacitor 680p 50V Ceramic
C3326	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C3351	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3352	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3353	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3354	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3355	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3356	VCCCCY1HH220 JY	AA		J	Capacitor 22p 50V Ceramic
C3357	VCCCCY1HH220 JY	AA		J	Capacitor 22p 50V Ceramic
C3358	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3359	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3360	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3361	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3366	VCEAPF0JW226MY	AB		J	Capacitor 22 6.3V Electrolytic
C3367	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3368	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C3369	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3370	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3501	VCCCCY1HH101 JY	AA		J	Capacitor 100p 50V Ceramic
C3502	VCCCCY1HH101 JY	AA		J	Capacitor 100p 50V Ceramic
C3503	VCEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3504	VCEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3505	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3506	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3513	VCEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3514	VCEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3515	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3523	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3524	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3531	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3532	VCEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3533	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3535	VCEAPF0JW107MY	AC		J	Capacitor 100 6.3V Electrolytic
C3536	VCEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3537	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3538	VCEAPF0JW227MY	AD		J	Capacitor 220 6.3V Electrolytic
C3539	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3540	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3541	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3545	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3552	VCEAPF1CW107MY	AC		J	Capacitor 100 16V Electrolytic
C3553	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3554	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3555	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3556	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C3557	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3561	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3562	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
C3563	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C3571	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C3572	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3581	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C3582	VCKYCY1HB272KY	AA		J	Capacitor 2700p 50V Ceramic
C3583	VCKYCY1HB272KY	AA		J	Capacitor 2700p 50V Ceramic
C3584	VCKYCY1HB472KY	AA		J	Capacitor 4700p 50V Ceramic
C3585	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3586	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3587	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3588	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3589	VCKYCY1HF224ZY	AA		J	Capacitor 0.22 50V Ceramic
C3591	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3593	VCEAPF1CW226MY	AB		J	Capacitor 22 16V Electrolytic
C3594	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3595	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3601	VCEAPF1CW226MY	AB		J	Capacitor 22 16V Electrolytic
D1703	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D1721	VHDDAN202K/-1Y	AB		J	Diode DAN202KT146
D1722	VHDDAN202K/-1Y	AB		J	Diode DAN202KT146
D1723	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1724	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1725	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1726	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1730	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1731	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1732	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1733	VHDB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1741	RH-EX1224CEZZY	AB		J	Zener Diode HZU2.0BTRF
D1742	VHDSFPA73//2EY	AD		J	Diode SFPA-73VL
D1761	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D1762	RH-EX1234CEZZY	AE		J	Zener Diode HZU3.6B2TRF
D1764	VHDSFPA73//2EY	AD		J	Diode SFPA-73VL
D1765	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D1791	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D2561	RH-EX1271CEZZY	AB		J	Zener Diode HZU12B2TRF
D2562	RH-EX1271CEZZY	AB		J	Zener Diode HZU12B2TRF
D2563	RH-EX1271CEZZY	AB		J	Zener Diode HZU12B2TRF
D2564	RH-EX1271CEZZY	AB		J	Zener Diode HZU12B2TRF
D2571	RH-PXA097WJZZY	AC	N	J	Photo Diode KPH-1608EC
D2572	RH-PXA038WJZZY	AC		J	Photo Diode SML-521MUWT86
D2573	RH-PXA038WJZZY	AC		J	Photo Diode SML-521MUWT86
D3001	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D3002	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3003	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3004	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3005	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3006	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3007	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D3008	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3009	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3010	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3051	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D3052	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3053	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3054	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3055	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3056	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3058	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3059	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3060	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3101	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3102	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3103	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3104	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3105	VHDKDS226//--1Y	AB		J	Diode KDS226-RTK/P
D3301	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3311	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3321	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3331	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D3501	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3502	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3511	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3512	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3521	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3522	RH-EX1247CEZZY	AB		J	Zener Diode HZU5.6B2TRF
D3551	VHDHSU119//--1Y	AB		J	Diode HSU119TRF-E
D3552	RH-EX1265CEZZY	AB		J	Zener Diode HZU10B2TRF
D3553	RH-EX1265CEZZY	AB		J	Zener Diode HZU10B2TRF
D3581	VHDBAT54SWT-1Y	AC		J	Diode BAT54SWT1G
D3582	VHDBAT54SWT-1Y	AC		J	Diode BAT54SWT1G
D3583	VHDBAT54SWT-1Y	AC		J	Diode BAT54SWT1G
D3584	VHDBAT54SWT-1Y	AC		J	Diode BAT54SWT1G
FB1701	RBLN-A213WJZZY	AB	N	J	Ferrite Bead BLN-A213WJ
FB1702	RBLN-A213WJZZY	AB	N	J	Ferrite Bead BLN-A213WJ

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
FB1703	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1704	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1705	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1706	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1707	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1708	RBLN-A042WJZZY	AB	N	J	Ferrite Bead BLN-A042WJ
FB1709	RBLN-A042WJZZY	AB	N	J	Ferrite Bead BLN-A042WJ
FB1710	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1711	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1721	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1722	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1723	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1724	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1725	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1726	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1727	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1728	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1729	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1730	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1731	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB1732	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB1741	RBLN-A303WJZZY	AB	N	J	Ferrite Bead BLN-A303WJ
FB1761	RBLN-A303WJZZY	AB	N	J	Ferrite Bead BLN-A303WJ
FB2001	RBLN-A215WJZZY	AB	N	J	Ferrite Bead BLN-A215WJ
FB2002	RBLN-A212WJZZY	AB	N	J	Ferrite Bead BLN-A212WJ
FB2201	RBLN-A215WJZZY	AB	N	J	Ferrite Bead BLN-A215WJ
FB2241	RBLN-A215WJZZY	AB	N	J	Ferrite Bead BLN-A215WJ
FB2251	RBLN-A215WJZZY	AB	N	J	Ferrite Bead BLN-A215WJ
FB2261	RBLN-A215WJZZY	AB	N	J	Ferrite Bead BLN-A215WJ
FB2561	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB2562	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB2563	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB3001	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3002	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3003	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3004	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3005	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3006	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3007	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3051	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3052	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3053	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3054	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3055	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3056	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3057	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3101	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3102	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3103	RBLN-A276WJZZY	AB	N	J	Ferrite Bead BLN-A276WJ
FB3104	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3105	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3201	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB3202	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB3203	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3204	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3206	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3301	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3311	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3321	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3351	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3354	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3355	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3501	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3502	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3511	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3512	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3521	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3522	RBLN-A038WJZZY	AB	N	J	Ferrite Bead BLN-A038WJ
FB3551	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3552	RBLN-A187WJZZY	AB	N	J	Ferrite Bead BLN-A187WJ
FB3561	RBLN-A215WJZZY	AB	N	J	Ferrite Bead BLN-A215WJ
FB3562	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB3565	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB3566	RBLN-A068WJZZY	AB	N	J	Ferrite Bead BLN-A068WJ
FB3581	RBLN-A215WJZZY	AB	N	J	Ferrite Bead BLN-A215WJ
FB3582	RBLN-A191WJZZY	AB		J	Ferrite Bead BLN-A191WJ
FB3583	RBLN-A191WJZZY	AB		J	Ferrite Bead BLN-A191WJ
FB3584	RBLN-A191WJZZY	AB		J	Ferrite Bead BLN-A191WJ
FB3585	RBLN-A191WJZZY	AB		J	Ferrite Bead BLN-A191WJ
IC1701	VHiAHCT08PH-1Y	AE		J	IC 74AHCT08PW,118
IC1721	VHiLV4053AT-1Y	AE		J	IC SN74LV4053APWR
IC1741	VHiMP1580HS-1Y	AL	N	J	IC MP1580HS-LF-Z
IC1742	VHiBD5246G+-1Y	AE		J	IC BD5246G-TR
IC1743	VHiBD5246G+-1Y	AE		J	IC BD5246G-TR
IC1761	VHiPQ120DNA-1Y	AG		J	IC PQ120DNA1ZPH

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
IC1762	VH i PQ070XN1-1Y	AG	N	J	IC PQ070XN01ZPH
IC1763	VH i MP1580HS-1Y	AL	N	J	IC MP1580HS-LF-Z
IC1764	VH i S13025LA-1Y	AF		J	IC S1-3025LSA-TL
IC1791	VH i PQ1K503M-1Y	AF		J	IC PQ1K503M2ZPH
IC1792	VH i PQ033DZ1-1Y	AE		J	IC PQ033DZ01ZPH
IC2001	VH i BU4213G+-1Y	AD		J	IC BU4213G-TR
IC2002	RH- i XA806WJN2Q	CC		J	IC 2504504-0007
IC2201	VH i K4R271F8-1Q	BG		J	IC K4R271669F-TCS8
IC2231	VH i PQ018EN5-1Y	AG	N	J	IC PQ018EN5M2PH
IC2241	VH i W134MSQC-1Y	AP	N	J	IC W134MSQCT(CG6225AAT)
IC2261	VH i BR24L32F-1Y	AG		J	IC BR24L32F-WE2
IC2262	RH- i XB930WJZZQ	AT	N	J	IC iXB930WJ (10X-L/11XC-L/HB007X-L/MB50X-L)
IC2262	RH- i XB931WJZZQ	AT	N	J	IC iXB931WJ (10S-L)
IC2263	VH i CY62146E-1Y	AZ	N	J	IC CY62146EV30LL-45ZSXIT
IC2561	VH i iSL83220-1Y	AQ		J	IC ISL83220ECVZ-T
IC3001	RH- i XB702WJZZS	AH		J	IC iXB702WJ
IC3002	VH i EL8302iU-1Y	AT		J	IC EL8302IUZ-T7
IC3051	RH- i XB702WJZZS	AH		J	IC iXB702WJ
IC3052	VH i EL8302iU-1Y	AT		J	IC EL8302IUZ-T7
IC3101	VH i VHCT125A-1Y	AE		J	IC TC74VHCT125AFT(EL)
IC3102	VH i TC7WH32U-1Y	AE		J	IC TC7WH32FU(TE12L,F)
IC3152	VH i LCX157MT-1Y	AE		J	IC 74LCX157MTCX
IC3201	VH i MST3583+-1Q	AZ	N	J	IC MST3583-LF-110
IC3351	VH i TVP5146P-1Q	BG		J	IC TVP5146PFP
IC3352	VH i PQ018EN5-1Y	AG	N	J	IC PQ018EN5M2PH
IC3531	VH i LV4053AT-1Y	AE		J	IC SN74LV4053APWR
IC3533	VH i BA3530FS-1Y	AM		J	IC BA3530FS-E1
IC3551	VH i DA7056AT-1Y	AM		J	IC TDA7056AT/N2,118
IC3552	VH i PQ200WNA-1Y	AG	N	J	IC PQ200WNA1ZPH
IC3561	VH i MB88346BV-1Y	AN		J	IC MB88346BPFV-G-BND-EFE1
IC3562	RH- i XA966WJZZY	AZ		J	IC PIC16F819-I/SS
IC3581	VH i A8904SLB-1Y	BE		J	IC A8904SLB-T
J3301	QJAKZA026WJZZ	AG	N	J	Jack Video/S-Video/Audio In
J3511	QJAKBA002WJZZ	AF	N	J	Jack Audio In/Out
L1721	VPCUN330K1R4NY	AC	N	J	Peaking 33μH
L1722	VPCUN150KR63NY	AC	N	J	Peaking 15μH
L1723	VPCUN150KR63NY	AC	N	J	Peaking 15μH
L1724	VPCUN150KR63NY	AC	N	J	Peaking 15μH
L1726	VPCUN150KR63NY	AC	N	J	Peaking 15μH
L1727	VPCUN150KR63NY	AC	N	J	Peaking 15μH
L1728	VPCUN150KR63NY	AC	N	J	Peaking 15μH
L1741	RC i LPA213WJZZY	AG		J	Coil
L1761	RC i LPA214WJZZY	AG		J	Coil
L2004	VPCUN2R2MR16NY	AC		J	Peaking 2.2μH
L2005	VPCUN2R2MR16NY	AC		J	Peaking 2.2μH
L3301	VPD9M1R0JR57NY	AB		J	Peaking 1μH
L3302	VPD9M1R8JR84NY	AC		J	Peaking 1.8μH
L3311	VPD9M1R0JR57NY	AB		J	Peaking 1μH
L3312	VPD9M1R8JR84NY	AC		J	Peaking 1.8μH
L3321	VPD9M1R0JR57NY	AB		J	Peaking 1μH
L3322	VPD9M1R8JR84NY	AC		J	Peaking 1.8μH
LUG2501	QLUGHA002WJZZ	AB		J	Lug
LUG2502	QLUGHA002WJZZ	AB		J	Lug
LUG3101	QLUGHA002WJZZ	AB		J	Lug
LUG3102	QLUGHA002WJZZ	AB		J	Lug
P1701	QPLGNA071WJZZ	AC		J	Plug 14Pin(EA)
P1702	QPLGN0263TAZZY	AB		J	Plug 2Pin(LF)
P1703	QPLGN0363TAZZY	AC		J	Plug 3Pin(CW)
P1704	QPLGN0364TAZZY	AC		J	Plug 3Pin(RC)
P1721	QPLGN0364TAZZY	AC		J	Plug 3Pin(FA)
P1722	QPLGN0364TAZZY	AC		J	Plug 3Pin(FB)
P1723	QPLGN0464TAZZY	AC		J	Plug 4Pin(FD)
P1724	QPLGN0364TAZZY	AC		J	Plug 3Pin(FC)
P2501	QPLGZA018WJZZQ	AW	N	J	Plug 142Pin(to DMD PWB)
P3301	QEARBA011WJFMY	AE		J	Plug Ground-Part
P3551	QPLGN0264TAZZY	AC		J	Plug 2Pin(SO)
P3562	QPLGN0363TAZZY	AC		J	Plug 3Pin(TH2)
Q1702	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q1703	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q1721	VSDTA114EE/-1Y	AB		J	Transistor DTA114EETL
Q1722	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TL-E
Q1723	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TL-E
Q1724	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TL-E
Q1725	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TL-E
Q2531	VSND332P/-1Y	AD		J	Transistor NDS332P
Q2571	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q2572	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q2573	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q2574	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q2575	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q3101	VSDTC114EE/-1Y	AB		J	Transistor DTC114EETL
Q3301	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3311	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3321	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3331	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TL-E

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
Q3501	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3502	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3511	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3512	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3521	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3524	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3534	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q3535	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3536	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3601	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
R1702	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1703	VRS-CH1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R1704	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R1705	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R1706	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1707	VRS-CY1JF223JY	AA		J	Resistor 22k 1/16W Metal Oxide
R1708	VRS-CY1JF152JY	AA		J	Resistor 1.5k 1/16W Metal Oxide
R1709	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R1710	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R1714	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R1715	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R1716	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1717	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1718	VRS-CY1JF222JY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R1721	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R1722	VRS-CY1JF622JY	AA		J	Resistor 6.2k 1/16W Metal Oxide
R1723	VRS-CY1JF122JY	AA		J	Resistor 1.2k 1/16W Metal Oxide
R1724	VRS-CY1JF392JY	AA		J	Resistor 3.9k 1/16W Metal Oxide
R1725	VRS-CY1JF563JY	AA		J	Resistor 56k 1/16W Metal Oxide
R1726	VRS-CH1JF562JY	AB		J	Resistor 5.6k 1/16W Metal Oxide
R1727	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1728	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1729	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1730	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1731	VRS-TX2HF000JY	AB		J	Resistor 0 1/2W Metal Oxide
R1732	VRS-TX2HF000JY	AB		J	Resistor 0 1/2W Metal Oxide
R1741	VRS-CY1JF123FY	AA		J	Resistor 12k 1/16W Metal Oxide
R1742	VRS-CY1JF222FY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R1743	VRS-CY1JF822FY	AA		J	Resistor 8.2k 1/16W Metal Oxide
R1744	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R1745	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1746	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1747	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1748	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R1749	VRS-CY1JF473FY	AA		J	Resistor 47k 1/16W Metal Oxide
R1750	VRS-CY1JF392FY	AA		J	Resistor 3.9k 1/16W Metal Oxide
R1759	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1760	VRS-CY1JF680JY	AA		J	Resistor 68 1/16W Metal Oxide
R1762	VRS-CY1JF680JY	AA		J	Resistor 68 1/16W Metal Oxide
R1764	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R1765	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R1768	VRS-CY1JF474FY	AA		J	Resistor 470k 1/16W Metal Oxide
R1769	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1770	VRS-CY1JF273FY	AA		J	Resistor 27k 1/16W Metal Oxide
R1771	VRS-CY1JF153FY	AA		J	Resistor 15k 1/16W Metal Oxide
R1772	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1773	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1774	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1775	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R1776	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R1777	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R1778	VRS-CH1JF680JY	AA		J	Resistor 68 1/16W Metal Oxide
R1779	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1780	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R1781	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R1792	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1793	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1795	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R1798	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2001	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2002	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2003	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2004	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2005	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2006	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2008	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2009	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2010	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2012	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2013	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2014	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2015	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2017	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R2018	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R2019	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
R2020	VRS-CJ1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2201	VRS-CY1JF111FY	AA		J	Resistor 110 1/16W Metal Oxide
R2202	VRS-CY1JF330FY	AA		J	Resistor 33 1/16W Metal Oxide
R2203	VRS-CY1JF121FY	AA		J	Resistor 120 1/16W Metal Oxide
R2204	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2205	VRS-CY1JF390FY	AA		J	Resistor 39 1/16W Metal Oxide
R2206	VRS-CY1JF390FY	AA		J	Resistor 39 1/16W Metal Oxide
R2207	VRS-CH1JF390FY	AA	N	J	Resistor 39 1/16W Metal Oxide
R2208	VRS-CH1JF390FY	AA	N	J	Resistor 39 1/16W Metal Oxide
R2209	VRS-CH1JF390FY	AA	N	J	Resistor 39 1/16W Metal Oxide
R2210	VRS-CH1JF390FY	AA	N	J	Resistor 39 1/16W Metal Oxide
R2211	VRS-CH1JF390FY	AA	N	J	Resistor 39 1/16W Metal Oxide
R2212	VRS-CH1JF390FY	AA	N	J	Resistor 39 1/16W Metal Oxide
R2213	VRS-CY1JF390FY	AA		J	Resistor 39 1/16W Metal Oxide
R2214	VRS-CY1JF390FY	AA		J	Resistor 39 1/16W Metal Oxide
R2231	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R2232	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R2233	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2241	VRS-CY1JF111FY	AA		J	Resistor 110 1/16W Metal Oxide
R2242	VRS-CY1JF560FY	AA		J	Resistor 56 1/16W Metal Oxide
R2243	VRS-CY1JF560FY	AA		J	Resistor 56 1/16W Metal Oxide
R2244	VRS-CY1JF111FY	AA		J	Resistor 110 1/16W Metal Oxide
R2245	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2246	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2247	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2248	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2252	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2261	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2263	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2501	VRS-CH1JF272JY	AA		J	Resistor 2.7k 1/16W Metal Oxide (XR-10S-L)
R2502	VRS-CH1JF272JY	AA		J	Resistor 2.7k 1/16W Metal Oxide (XR-10S-L)
R2503	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide (except XR-10S-L)
R2504	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide (except XR-10S-L)
R2505	VRS-CY1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2506	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2507	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2508	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2509	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2510	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2511	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2512	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2513	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2514	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2515	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2516	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2517	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2518	VRS-CY1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2519	VRS-CH1JF272JY	AA		J	Resistor 2.7k 1/16W Metal Oxide (XR-10S-L)
R2520	VRS-CH1JF272JY	AA		J	Resistor 2.7k 1/16W Metal Oxide (XR-10S-L)
R2521	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide (except XR-10S-L)
R2522	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide (except XR-10S-L)
R2523	VRS-CY1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2524	VRS-CJ1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2525	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2526	VRS-CH1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2527	VRS-CY1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R2531	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2532	VRS-CH1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2534	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2535	VRS-CY1JF152JY	AA		J	Resistor 1.5k 1/16W Metal Oxide
R2551	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2552	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2553	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2554	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2561	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2562	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2563	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2564	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2566	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2567	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2571	VRS-CY1JF272JY	AA		J	Resistor 2.7k 1/16W Metal Oxide
R2572	VRS-CH1JF272JY	AA		J	Resistor 2.7k 1/16W Metal Oxide
R2575	VRS-TV1JD681JY	AA		J	Resistor 680 1/16W Metal Oxide
R2578	VRS-TV1JD471JY	AA		J	Resistor 470 1/16W Metal Oxide
R2579	VRS-TV1JD681JY	AA		J	Resistor 680 1/16W Metal Oxide
R2582	VRS-TV1JD471JY	AA		J	Resistor 470 1/16W Metal Oxide
R2583	VRS-TV1JD681JY	AA		J	Resistor 680 1/16W Metal Oxide
R3001	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3002	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3003	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3004	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3005	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3006	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R3007	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3008	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
R3009	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3010	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3011	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3012	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3013	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3014	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3015	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3016	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3017	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3018	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3019	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3020	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3021	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3022	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3023	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3024	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3025	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3041	VRS-TV1JD750FY	AA		J	Resistor 75 1/16W Metal Oxide
R3042	VRS-TV1JD750FY	AA		J	Resistor 75 1/16W Metal Oxide
R3043	VRS-TV1JD750FY	AA		J	Resistor 75 1/16W Metal Oxide
R3051	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3052	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3053	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3054	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3055	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3056	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R3057	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3058	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3059	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3060	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3061	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3062	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3063	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3064	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3065	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3066	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3067	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3068	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3069	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3070	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3071	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3072	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3073	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3074	VRS-CY1JF331FY	AA		J	Resistor 330 1/16W Metal Oxide
R3101	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R3102	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R3103	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R3110	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3151	VRS-CJ1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3152	VRS-CJ1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3153	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3154	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3155	VRS-CY1JF680JY	AA		J	Resistor 68 1/16W Metal Oxide
R3156	VRS-CY1JF680JY	AA		J	Resistor 68 1/16W Metal Oxide
R3157	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3158	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3201	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3202	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3203	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3204	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R3205	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R3206	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R3207	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3208	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3209	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3210	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3211	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3212	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3213	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3214	VRS-CY1JF391FY	AA		J	Resistor 390 1/16W Metal Oxide
R3215	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3216	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3217	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3218	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3219	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3220	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3221	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3222	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3223	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3224	VRS-CY1JF390JY	AA		J	Resistor 39 1/16W Metal Oxide
R3225	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3301	VRS-TV1JD750FY	AA		J	Resistor 75 1/16W Metal Oxide
R3302	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R3303	VRS-CY1JF562JY	AA		J	Resistor 5.6k 1/16W Metal Oxide
R3304	VRS-CY1JF221JY	AA		J	Resistor 220 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
R3305	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3306	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3311	VRS-TV1JD750FY	AA		J	Resistor 75 1/16W Metal Oxide
R3312	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R3313	VRS-CY1JF562JY	AA		J	Resistor 5.6k 1/16W Metal Oxide
R3314	VRS-CY1JF221JY	AA		J	Resistor 220 1/16W Metal Oxide
R3315	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3321	VRS-TV1JD750FY	AA		J	Resistor 75 1/16W Metal Oxide
R3322	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R3323	VRS-CY1JF562JY	AA		J	Resistor 5.6k 1/16W Metal Oxide
R3324	VRS-CY1JF221JY	AA		J	Resistor 220 1/16W Metal Oxide
R3325	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3326	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3351	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3352	VRS-CY1JF104FY	AA		J	Resistor 100k 1/16W Metal Oxide
R3353	VRS-CJ1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R3354	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3355	VRS-CY1JF323JY	AA		J	Resistor 22k 1/16W Metal Oxide
R3356	VRS-CY1JF222JY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R3357	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3358	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3361	VRS-CY1JF220JY	AA		J	Resistor 22 1/16W Metal Oxide
R3362	VRS-CH1JF220JY	AA		J	Resistor 22 1/16W Metal Oxide
R3363	VRS-CH1JF220JY	AA		J	Resistor 22 1/16W Metal Oxide
R3365	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3366	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3368	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3369	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3370	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3371	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3372	VRS-TX2HF1R0JY	AB		J	Resistor 1 1/2W Metal Oxide
R3501	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3502	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3503	VRS-CH1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R3504	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3505	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3506	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3507	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3511	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3512	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3513	VRS-CH1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R3514	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3515	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3516	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3517	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3521	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3522	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3523	VRS-CY1JF681JY	AA		J	Resistor 680 1/16W Metal Oxide
R3524	VRS-CY1JF681JY	AA		J	Resistor 680 1/16W Metal Oxide
R3525	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3526	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3529	VRS-CY1JF273FY	AA		J	Resistor 27k 1/16W Metal Oxide
R3530	VRS-CY1JF123FY	AA		J	Resistor 12k 1/16W Metal Oxide
R3531	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R3532	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R3534	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R3535	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3536	VRS-CY1JF154JY	AA		J	Resistor 150k 1/16W Metal Oxide
R3537	VRS-CY1JF154JY	AA		J	Resistor 150k 1/16W Metal Oxide
R3538	VRS-CJ1JF473JY	AB		J	Resistor 47k 1/16W Metal Oxide
R3539	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3540	VRS-CY1JF562JY	AA		J	Resistor 5.6k 1/16W Metal Oxide
R3542	VRS-CY1JF562JY	AA		J	Resistor 5.6k 1/16W Metal Oxide
R3543	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3544	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3551	VRS-CY1JF153FY	AA		J	Resistor 15k 1/16W Metal Oxide
R3552	VRS-CY1JF622FY	AA		J	Resistor 6.2k 1/16W Metal Oxide
R3554	VRS-CY1JF223JY	AA		J	Resistor 22k 1/16W Metal Oxide
R3555	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3556	VRS-TX2HF8R2JY	AB		J	Resistor 8.2 1/2W Metal Oxide
R3557	VRS-TX2HF2R7JY	AB		J	Resistor 2.7 1/2W Metal Oxide
R3558	VRS-TX2HF2R7JY	AB		J	Resistor 2.7 1/2W Metal Oxide
R3559	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3561	VRS-CY1JF182JY	AA		J	Resistor 1.8k 1/16W Metal Oxide
R3562	VRS-CH1JF182JY	AB		J	Resistor 1.8k 1/16W Metal Oxide
R3563	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3564	VRS-CH1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3566	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3567	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3569	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3570	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R3577	VRS-CY1JF472DY	AA		J	Resistor 4.7k 1/16W Metal Film
R3578	VRS-CY1JF184FY	AA		J	Resistor 180k 1/16W Metal Oxide
R3579	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3580	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[2] DUNTKE004FMF0/1 (MAIN Unit)					
R3581	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3582	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3583	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3584	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3585	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3586	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3587	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3588	VRS-TW2HF151JY	AA		J	Resistor 150 1/2W Metal Oxide
R3589	VRS-TW2HF151JY	AA		J	Resistor 150 1/2W Metal Oxide
R3590	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R3591	VRS-TW2HF151JY	AA		J	Resistor 150 1/2W Metal Oxide
R3593	VRS-CY1JF683JY	AA		J	Resistor 68k 1/16W Metal Oxide
R3594	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R3598	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3599	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3601	VRS-CY1JF562JY	AA		J	Resistor 5.6k 1/16W Metal Oxide
R3602	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3603	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3606	VRS-CY1JF681JY	AA		J	Resistor 680 1/16W Metal Oxide
S2001	QSW-SA020WJZZY	AE	N	J	Slide Switch
S2551	QSW-K0099TAZZY	AC		J	Service Switch
S2552	QSW-KA029WJZZY	AD	N	J	Switch (POWER)
S2553	QSW-KA029WJZZY	AD	N	J	Switch (-)
S2554	QSW-KA029WJZZY	AD	N	J	Switch (DOWN)
S2555	QSW-KA029WJZZY	AD	N	J	Switch (UP)
S2556	QSW-KA029WJZZY	AD	N	J	Switch (ENTER)
S2557	QSW-KA029WJZZY	AD	N	J	Switch (+)
S2558	QSW-KA029WJZZY	AD	N	J	Switch (MENU)
S2559	QSW-KA029WJZZY	AD	N	J	Switch (KEYSTONE)
SC2561	QSODA036WJZZ	AF	N	J	DIN Jack Socket
SC3001	QSOCNA230WJZZ	AH	N	J	Socket INPUT1
SC3051	QSOCNA230WJZZ	AH	N	J	Socket INPUT2
SC3101	QSOCNA229WJZZ	AH	N	J	Socket OUTPUT
SC3581	QCNCWA500WJZZY	AC	N	J	Connector 4Pin(MO)
X2251	RCRUAA033WJZZY	AQ		J	Crystal
X3351	RCRSC0170TAZZY	AG		J	Crystal
N	LX-BZ3100CEF7	AA	N	J	Screw
N	PSLDMA722WJFW	AL	N	J	Shield
N	PSLDMA726WJFW	AF	N	J	Shield
N	PSPAZA913WJKZ	AB	N	J	Spacer
[3] DUNTKD140WEF0 (DMD Unit)					
C9101	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C9102	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9301	RC-KZ0046TAZZY	AD		J	Capacitor 4.7 35V Ceramic
C9302	RC-KZ0046TAZZY	AD		J	Capacitor 4.7 35V Ceramic
C9303	RC-KZA109WJZZY	AC		J	Capacitor 10 16V Ceramic
C9304	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9305	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C9306	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9307	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9308	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C9309	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9310	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9311	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9312	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9313	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9314	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9315	RC-KZ0072TAZZY	AC		J	Capacitor 1 25V Ceramic
C9316	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9317	RC-KZ0070TAZZY	AD		J	Capacitor 4.7 16V Ceramic
C9318	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9501	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C9502	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9503	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9504	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9505	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9506	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9507	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9508	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9509	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9510	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9511	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9512	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9513	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9514	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
D9301	VHDSFPB76//2EY	AD		J	Diode SFPB-76VL
D9302	VHDSFPB76//2EY	AD		J	Diode SFPB-76VL
D9303	RH-EX1008GEZZY	AD		J	Zener Diode PTZTE258.2B
FB9301	RBLN-A191WJZZY	AB		J	Ferrite Bead BLN-A191WJ
FB9302	RBLN-A191WJZZY	AB		J	Ferrite Bead BLN-A191WJ
FB9303	RBLN-A191WJZZY	AB		J	Ferrite Bead BLN-A191WJ
IC9301	RH-iXA384WJN1Q	BR		J	IC 2503253-0004
L9301	RCiLP0325TAZZY	AD		J	Coil
L9302	RCiLP0325TAZZY	AD		J	Coil

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[3] DUNTKD140WEF0 (DMD Unit)					
R9102	VRS-CY1JF184FY	AA		J	Resistor 180k 1/16W Metal Oxide
R9103	VRN-CY1JF472DY	AA		J	Resistor 4.7k 1/16W Metal Film
R9301	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R9303	VRS-CJ1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R9304	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R9305	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
SC9101	QSOCZA102WJZZQ	AW	N	J	Socket 142Pin(to MAIN PWB)
TH9102	VHH103KT161-1Y	AE		J	Thermistor
[4] DUNTKD141WEF4 (PHOTO SENSOR Unit)					
C1101	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1102	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
IC1101	VH1LM393A//--1Y	AL		J	IC LM393APSR
IC1102	VHPGP2940//--1S	AK	N	J	IC PHOTODIODE
P1101	QPLGN0363TAZZY	AC		J	Plug 3Pin(CW)
R1101	VRS-TQ2EF121JY	AA		J	Resistor 120 1/4W Metal Oxide
R1102	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1103	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R1104	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
N	QCNW-C221WJQZ	AF		J	Connecting Cord
[5] DUNTKD147WEF6 (BALLAST POWER Unit)					
C702	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C703	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C704	RC-EZA572WJZZ	AW		J	Capacitor 330 420V Electrolytic
C705	VCKYTV1EB474KY	AC		J	Capacitor 0.47 25V Ceramic
C706	VCKYCY1EB333KY	AA		J	Capacitor 0.033 25V Ceramic
△ C707	RC-FZA026WJZZ	AE		J	Capacitor 0.47 50V Metallized Plastic Film
C708	VCKYCY1HB222KY	AA		J	Capacitor 2200p 50V Ceramic
C709	RC-KZA271WJZZ	AC		J	Capacitor 470 2kV Ceramic
△ C710	RC-KZA275WJZZ	AD		J	Capacitor 1000p 2kV Ceramic
△ C711	RC-KZ0105GEZZ	AD		J	Capacitor 2200p 250V Ceramic
△ C712	RC-KZ0105GEZZ	AD		J	Capacitor 2200p 250V Ceramic
C713	VCKYTQ1HB224KY	AC		J	Capacitor 0.22 50V Ceramic
C714	RC-FZA124WJZZ	AG		J	Capacitor 2.2 450V Metallized Plastic Film
△ C715	RC-FZA026WJZZ	AE		J	Capacitor 0.47 50V Metallized Plastic Film
C716	VCKYTV1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C717	VCKYTV1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C718	VCKYTV1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C720	VCEA4A1VN476M+	AC		J	Capacitor 47 35V Electrolytic
C721	VCEA4A1VN106M+	AC		J	Capacitor 10 35V Electrolytic
C722	VCKYTV1HB222KY	AA		J	Capacitor 2200p 50V Ceramic
C723	VCKYTV1HB471KY	AA		J	Capacitor 470p 50V Ceramic
C724	VCKYTV1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C725	VCEA4A1HN105M+	AB		J	Capacitor 1 50V Electrolytic
C726	RC-KZA050WJZZ	AD		J	Capacitor 450p 50V Ceramic
C727	VCEA4A1VN107M+	AC		J	Capacitor 100 35V Electrolytic
△ C728	RC-FZ0010TAZZ	AC		J	Capacitor 0.01 630V Metallized Plastic Film
△ C730	RC-KZ0105GEZZ	AD		J	Capacitor 2200p 250V Ceramic
△ C731	RC-KZ0105GEZZ	AD		J	Capacitor 2200p 250V Ceramic
C732	RC-EZ1208CEZZ	AD		J	Capacitor 2200 25V Electrolytic
C733	RC-KZ0384CEZZ+	AC		J	Capacitor 1000p 50V Ceramic
C734	RC-KZ0384CEZZ+	AC		J	Capacitor 1000p 50V Ceramic
△ C735	RC-KZ0105GEZZ	AD		J	Capacitor 2200p 250V Ceramic
C736	VCKYTV1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C737	RC-EZ1241CEZZ	AE		J	Capacitor 2200 25V Electrolytic
C738	VCEA4A1VN476M+	AC		J	Capacitor 47 35V Electrolytic
C739	RC-KZA111WJZZY	AC		J	Capacitor 1 25V Ceramic
C740	RC-FZA126WJZZ	AE		J	Capacitor 0.1 450V Metallized Plastic Film
C901	RC-FZA215WJZZ	AH		J	Capacitor 1.8 450V Metallized Plastic Film
C902	RC-KZA448WJZZY	AD	N	J	Capacitor 220p 1kV Ceramic
C904	RC-KZA111WJZZY	AC		J	Capacitor 1 25V Ceramic
C909	RC-KZA449WJZZY	AD	N	J	Capacitor 330p 1kV Ceramic
C910	RC-KZA449WJZZY	AD	N	J	Capacitor 330p 1kV Ceramic
C911	RC-FZA123WJZZ	AF		J	Capacitor 1 450V Metallized Plastic Film
C912	RC-KZA437WJZZY	AD	N	J	Capacitor 1000p 630V Ceramic
C913	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C914	RC-FZA126WJZZ	AE		J	Capacitor 0.1 450V Metallized Plastic Film
C915	RC-KZA275WJZZ	AD		J	Capacitor 1000p 2kV Ceramic
C916	RC-FZA126WJZZ	AE		J	Capacitor 0.1 450V Metallized Plastic Film
C917	RC-KZA275WJZZ	AD		J	Capacitor 1000p 2kV Ceramic
C919	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C920	RC-KZA275WJZZ	AD		J	Capacitor 1000p 2kV Ceramic
C921	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C922	RC-KZA448WJZZY	AD	N	J	Capacitor 220p 1kV Ceramic
C923	RC-KZA448WJZZY	AD	N	J	Capacitor 220p 1kV Ceramic
△ CN901	QCNW-E997WJQZ	AV	N	J	Connecting Cord
△ D701	VHDD10XB60H-1	AL	N	J	Diode D10XB60H-7101
D702	VHD1SS355//--1Y	AB		J	Diode 1SS355TE-17
D703	RH-DXA073WJZZ	AM	N	J	Diode YG97S6R
D704	VHD1SS355//--1Y	AB		J	Diode 1SS355TE-17
D705	VHDL1114+++--1Y	AC		J	Diode LI114
D706	VHDB160M40-1Y	AC		J	Diode RB160M-40TR
D707	VHDB160M40-1Y	AC		J	Diode RB160M-40TR

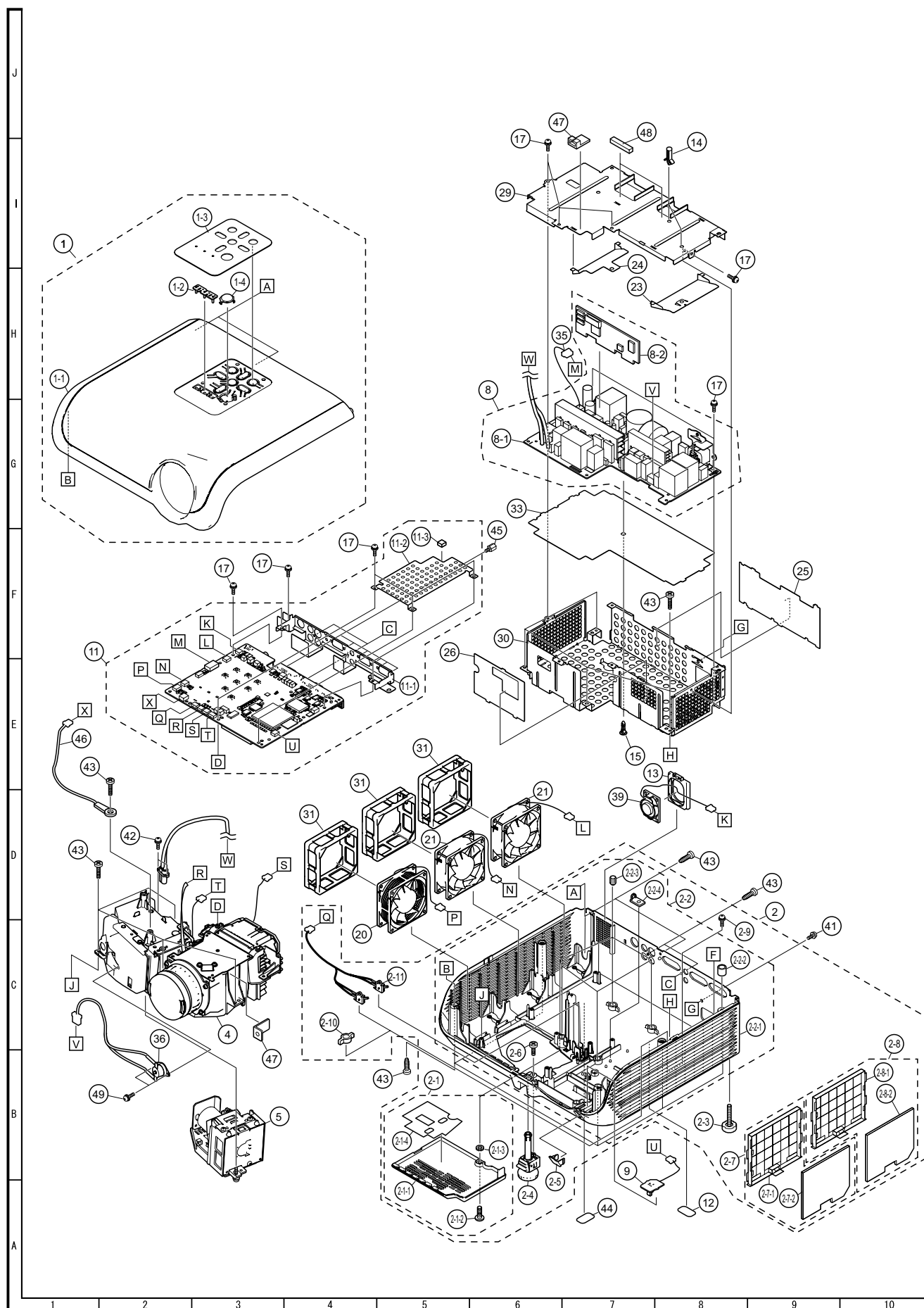
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[5] DUNTKD147WEF6 (BALLAST POWER Unit)					
D708	VHDD1FL20U/-1Y	AC		J	Diode D1FL20U
D709	RH-DX0066GEZZY	AC		J	Diode AL01ZV1
D710	RH-EX1294CEZZY	AB		J	Zener Diode HZU27BTRF-E
D711	RH-DX0066GEZZY	AC		J	Diode AL01ZV1
D712	RH-DX0066GEZZY	AC		J	Diode AL01ZV1
D713	VHDD1FL20U/-1Y	AC		J	Diode D1FL20U
D714	RH-DXA070WJZZY	AE	N	J	Diode SARS01V1
D715	RH-FXA003WJZZ	AD		J	Diode PC123Y82
D716	RH-FXA003WJZZ	AD		J	Diode PC123Y82
D717	RH-DX0459CEZZ	AE		J	Diode D5S4M
D718	RH-DX0469CEZZ	AF		J	Diode D3S6M
D722	VHD1SS355//--1Y	AB		J	Diode 1SS355TE-17
D907	VHSG1VB22C+-1	AK		J	Diode SI.Control Rectifier
D908	RH-DXA074WJZZ	AH		J	Diode SF10L60U-7100
D909	VH DU1JU44//--1Y	AE		J	Diode U1JU44(TE12R,Q)
D910	RH-DXA062WJZZY	AE		J	Diode SHV-04V6
D911	VHDFMQG2FLS-1	AN	N	J	Diode FMQ-G2FLS
D913	VHDFMQG2FLS-1	AN	N	J	Diode FMQ-G2FLS
D914	RH-DXA062WJZZY	AE		J	Diode SHV-04V6
D915	VHDBR160M40-1Y	AC		J	Diode RB160M-40TR
E701	LANGQA017WJFW	AG		J	Fixing Metal
F701	QFS-CA010WJZZ	AF		J	Fuse T6.3AH/AC250V
F705	QFS-TA005WJZZ	AG		J	Thermal Fuse 127°C
FB701	RBLN-0094CEZZY	AC		J	Ferrite Bead BLN-0094CE
FB702	RBLN-0094CEZZY	AC		J	Ferrite Bead BLN-0094CE
FB704	RBLN-A007WJZZY	AC		J	Ferrite Bead BLN-A007WJ
FB705	RBLN-A007WJZZY	AC		J	Ferrite Bead BLN-A007WJ
FB706	RBLN-A007WJZZY	AC		J	Ferrite Bead BLN-A007WJ
FB707	RBLN-0020CEZZ+	AB		J	Ferrite Bead BLN-0020CE
FB903	RBLN-A007WJZZY	AC		J	Ferrite Bead BLN-A007WJ
FH701	QFSDH1013CEZZ+	AC		J	Fuse Holder
FH702	QFSDH1014CEZZ+	AC		J	Fuse Holder
IC702	VHITA78M12S-1	AG		J	IC TA78M12S(Q)
IC703	VHISTRW67652E	AL		J	IC STR-W6765N
IC704	VHHA17431U-1Y	AE		J	IC HA17431UA-TL-E
IC902	VHIFA5501AN-1Y	AQ	N	J	IC FA55501AN-D1-TE1
L701	RCILPA137WJZZ	AF		J	Coil
L702	RCILFA178WJZZ	AK		J	Coil
L703	RCILFA178WJZZ	AK		J	Coil
L705	RCILPA546WJZZ	AH		J	Coil
L901	RCILCA126WJZZ	AQ	N	J	Coil
L902	RCILPA475WJZZ	AK		J	Coil
LUG701	QLUGHA002WJZZ	AB		J	Lug
LUG702	QLUGHA002WJZZ	AB		J	Lug
P701	QPLGAA004WJZZ	AH		J	AC Plug
P702	QPLGN0269GEZZ	AB		J	Plug 2Pin(BA)
P704	QCNCMA114WJZZ	AF		J	Connector 14Pin
Q702	VS2SK3451+-1	AS	N	J	Transistor 2SK3451-01MR-F119
Q704	VS2SK3451+-1	AS	N	J	Transistor 2SK3451-01MR-F119
Q705	VS2SA1797Q+-1Y	AD		J	Transistor 2SA1797 T100 Q
Q706	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q901	VS2SK2699+-1	AR		J	Transistor 2SK2699(SHARP,F)
Q904	VS2SA2056+-1Y	AE		J	Transistor 2SA2056(TE85L,F)
Q905	VS2SK3525+-1	AM		J	Transistor 2SK3525-01MR-F119
Q906	VS2SA1530AR-1Y	AB		J	Transistor 2SA1530A-T112-1R
Q907	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
R701	RR-HZ0119CEZZY	AC		J	High Voltage High Resistor
R702	VRS-CY1JF153FY	AA		J	Resistor 15k 1/16W Metal Oxide
R703	VRS-TQ2BD474FY	AA		J	Resistor 470k 1/8W Metal Oxide
R704	VRS-TQ2BD474FY	AA		J	Resistor 470k 1/8W Metal Oxide
R705	VRS-TQ2BD394FY	AA		J	Resistor 390k 1/8W Metal Oxide
R706	VRN-TV1JD684DY	AB	N	J	Resistor 680k 1/16W Metal Film
R707	VRN-TV1JD564DY	AB	N	J	Resistor 560k 1/16W Metal Film
R708	VRN-TV1JD564DY	AB	N	J	Resistor 560k 1/16W Metal Film
R710	VRN-CY1JF133DY	AB		J	Resistor 13k 1/16W Metal Film
R711	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R714	VRD-RM2HD102JY	AA		J	Resistor 1k 1/2W Carbon
R715	VRS-CY1JF820FY	AA		J	Resistor 82 1/16W Metal Oxide
R716	VRS-SV2HC100JY	AB		J	Resistor 10 1/2W Metal Oxide
R717	RMPTKA001WJZZ	AH		J	Packaged circuit
R718	VRS-CY1JF223JY	AA		J	Resistor 22k 1/16W Metal Oxide
R719	VRD-RM2HD563JY	AA		J	Resistor 56k 1/2W Carbon
R720	VRD-RM2HD563JY	AA		J	Resistor 56k 1/2W Carbon
R721	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide
R722	VRD-RM2HD563JY	AA		J	Resistor 56k 1/2W Carbon
R724	RR-WZA012WJZZ	AE		J	Resistor 0.15 5W Resistor Wire
R725	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide
R727	RR-WZA012WJZZ	AE		J	Resistor 0.15 5W Resistor Wire
R728	VRS-CY1JF183JY	AA		J	Resistor 18k 1/16W Metal Oxide
R730	VRS-TV1JD103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R731	VRS-TV1JD103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R733	VRS-TQ2BD153JY	AA		J	Resistor 15k 1/8W Metal Oxide
R734	VRD-RM2HD221JY	AA		J	Resistor 220 1/2W Carbon
R735	VRS-TQ2BD101JY	AA		J	Resistor 100 1/8W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[5] DUNTKD147WEF6 (BALLAST POWER Unit)					
R736	VRS-TQ2BD102JY	AA		J	Resistor 1k 1/8W Metal Oxide
R737	VRS-TQ2BD103JY	AA		J	Resistor 10k 1/8W Metal Oxide
R738	VRS-TV1JD564JY	AA		J	Resistor 560k 1/16W Metal Oxide
R739	VRN-VV3AB3R9J	AA		J	Resistor 3.9 1W Metal Film
R740	VRS-TV1JD564JY	AA		J	Resistor 560k 1/16W Metal Oxide
R741	VRN-VV3AB1R8J	AA		J	Resistor 1.8 1W Metal Film
R742	VRS-TQ2BD103JY	AA		J	Resistor 10k 1/8W Metal Oxide
R743	VRS-TQ2BD332FY	AA		J	Resistor 3.3k 1/8W Metal Oxide
R744	VRS-VV3AB273J	AA		J	Resistor 27k 1W Metal Oxide
R745	VRS-VV3AB273J	AA		J	Resistor 27k 1W Metal Oxide
R746	VRS-VV3DB220J	AA		J	Resistor 22 2W Metal Oxide
R748	VRS-TQ2BD103JY	AA		J	Resistor 10k 1/8W Metal Oxide
R750	VRS-TV1JD102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R751	VRS-TV1JD222FY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R752	VRS-TQ2BD102JY	AA		J	Resistor 1k 1/8W Metal Oxide
R753	VRS-TV1JD101FY	AA		J	Resistor 100 1/16W Metal Oxide
R754	VRS-TQ2BD331FY	AA		J	Resistor 330 1/8W Metal Oxide
R755	VRS-TV1JD272FY	AA		J	Resistor 2.7k 1/16W Metal Oxide
R756	VRS-TV1JD681FY	AA	N	J	Resistor 680 1/16W Metal Oxide
R757	VRS-TQ2EF221JY	AA	N	J	Resistor 220 1/4W Metal Oxide
R758	VRS-TQ2EF221JY	AA	N	J	Resistor 220 1/4W Metal Oxide
R759	VRS-TQ2EF681JY	AA	N	J	Resistor 680 1/4W Metal Oxide
R760	VRS-TQ2EF681JY	AA	N	J	Resistor 680 1/4W Metal Oxide
R762	VRN-TV1JD124DY	AB	N	J	Resistor 120k 1/16W Metal Film
R763	VRS-TQ2EF101JY	AA	N	J	Resistor 100 1/4W Metal Oxide
R764	VRS-TQ2EF101JY	AA	N	J	Resistor 100 1/4W Metal Oxide
R765	VRN-VV3AB1R8J	AA		J	Resistor 1.8 1W Metal Film
R766	VRN-VV3ABR22J	AA		J	Resistor 0.22 1W Metal Film
R901	VRS-TV1JD334FY	AA		J	Resistor 330k 1/16W Metal Oxide
R902	VRS-TV1JD334FY	AA		J	Resistor 330k 1/16W Metal Oxide
R903	VRS-TV1JD334FY	AA		J	Resistor 330k 1/16W Metal Oxide
R904	VRS-TV1JD123FY	AA		J	Resistor 12k 1/16W Metal Oxide
R905	RR-FZA002WJZZ	AE		J	Resistor 0.05 3W Metal Plate Resistor
R907	VRS-TQ2BD100FY	AA		J	Resistor 10 1/8W Metal Oxide
R908	VRS-TV1JD334FY	AA		J	Resistor 330k 1/16W Metal Oxide
R909	VRS-TV1JD103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R911	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide
R912	VRS-TQ2BD000JY	AA		J	Resistor 0 1/8W Metal Oxide
R914	VRS-TQ2EF220JY	AA	N	J	Resistor 22 1/4W Metal Oxide
R918	VRS-TQ2EF181JY	AA	N	J	Resistor 180 1/4W Metal Oxide
R920	VRS-TQ2EF100FY	AA	N	J	Resistor 10 1/4W Metal Oxide
R921	VRS-TQ2EF100FY	AA	N	J	Resistor 10 1/4W Metal Oxide
R923	VRS-TQ2EF100FY	AA	N	J	Resistor 10 1/4W Metal Oxide
R924	VRS-TQ2EF100FY	AA	N	J	Resistor 10 1/4W Metal Oxide
R925	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R926	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R927	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R928	VRS-TV1JD104FY	AA		J	Resistor 100k 1/16W Metal Oxide
R929	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R930	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R931	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R932	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R933	VRS-TV1JD153FY	AA		J	Resistor 15k 1/16W Metal Oxide
R934	VRS-TV1JD153FY	AA		J	Resistor 15k 1/16W Metal Oxide
R935	VRS-TV1JD103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R936	VRS-TQ2BD102JY	AA		J	Resistor 1k 1/8W Metal Oxide
R937	VRS-VV3DB273J	AA		J	Resistor 27k 2W Metal Oxide
R938	VRS-TV1JD100JY	AA		J	Resistor 10 1/16W Metal Oxide
R939	VRS-TV1JD224FY	AA		J	Resistor 220k 1/16W Metal Oxide
R940	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R941	VRS-TV1JD223JY	AA		J	Resistor 22k 1/16W Metal Oxide
R942	VRS-TV1JD103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R943	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide
R944	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide
R945	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide
R946	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide
R947	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R948	VRS-TV1JD103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R949	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R950	VRS-TQ2BD102JY	AA		J	Resistor 1k 1/8W Metal Oxide
RDA701	PRDARA225WJFW	AF	N	J	Heat Sink
RDA901	PRDARA224WJFW	AG		J	Heat Sink
△ RY701	RRLYDA008WJZZ	AG		J	Relay
T704	RCILCA175WJZZ	AY	N	J	Coil
△ T705	RTRNWA242WJZZ	AL		J	Transformer
T901	RTRNZA102WJZZ	AH		J	Transformer
T903	RTRNWA197WJZZ	AL	N	J	Transformer
TH901	RH-HXA020WJZZ	AK		J	Thermister
△ VA701	RH-VXA018WJZZ	AD		J	Varistor
N	LX-BZ3049GEFN	AB		J	Screw
N	LX-BZ3049GEFN	AB		J	Screw
N	LX-BZA044WJFU	AA		J	Screw
N	PSPA2B157WJZZ	AE	N	J	Spacer

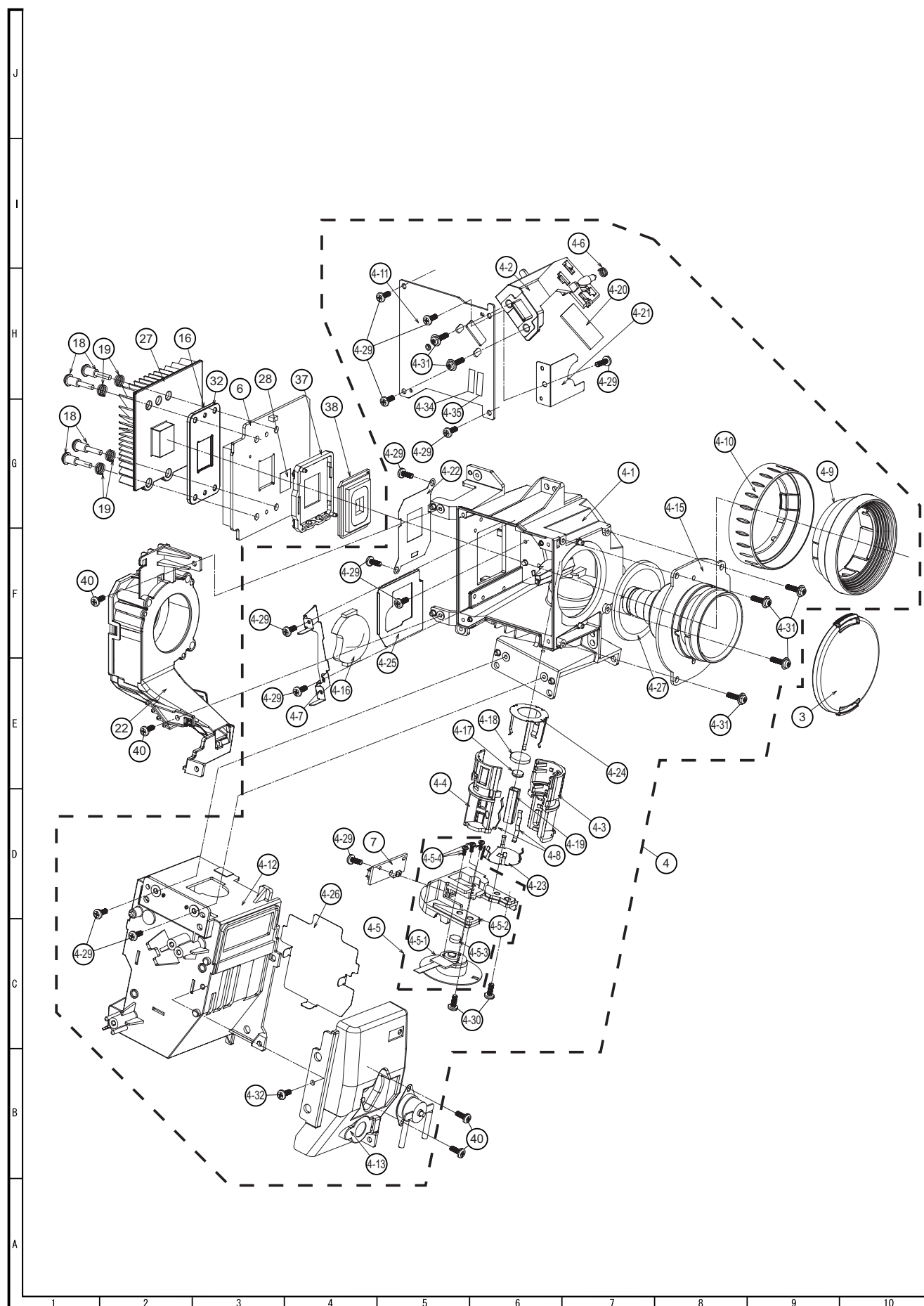
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[6] DUNTKD148WEF4 (BALLAST CONTROL Unit)					
C7701	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C7702	VCKYCY1CB224KY	AB		J	Capacitor 0.22 16V Ceramic
C7703	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C7704	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C7705	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C7706	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C7707	VCKYCY1HB222KY	AA		J	Capacitor 2200p 50V Ceramic
C7708	RC-KZA114WJZZY	AB		J	Capacitor 1 25V Ceramic
C7709	RC-KZA111WJZZY	AC		J	Capacitor 1 25V Ceramic
C7710	RC-KZA111WJZZY	AC		J	Capacitor 1 25V Ceramic
C7711	VCKYCY1CB224KY	AB		J	Capacitor 0.22 16V Ceramic
C7712	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C7713	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C7715	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic
C7716	VCKYCY1EB333KY	AA		J	Capacitor 0.033 25V Ceramic
C7717	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C7718	VCCCCY1HH331JY	AA		J	Capacitor 330p 50V Ceramic
C7719	VCCCCY1HH331JY	AA		J	Capacitor 330p 50V Ceramic
C7720	RC-KZA109WJZZY	AC		J	Capacitor 10 16V Ceramic
C7721	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C7722	RC-KZA114WJZZY	AB		J	Capacitor 1 25V Ceramic
C7723	RC-KZA114WJZZY	AB		J	Capacitor 1 25V Ceramic
C7724	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C7725	VCKYCY1EB223KY	AA		J	Capacitor 0.022 25V Ceramic
C7726	VCKYCY1EB223KY	AA		J	Capacitor 0.022 25V Ceramic
C7727	VCKYTV1CF105ZY	AB		J	Capacitor 1 16V Ceramic
C7728	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C7730	VCKYTV1CB105KY	AC		J	Capacitor 1 16V Ceramic
C7731	VCKYCY1CB224KY	AB		J	Capacitor 0.22 16V Ceramic
C7733	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C7734	VCKYTV1CB105KY	AC		J	Capacitor 1 16V Ceramic
C7735	VCKYCY1HB222KY	AA		J	Capacitor 2200p 50V Ceramic
C7736	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C7737	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic
C7738	VCKYCY1HB222KY	AA		J	Capacitor 2200p 50V Ceramic
C7739	VCKYCY1EB223KY	AA		J	Capacitor 0.022 25V Ceramic
C7740	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic
C7741	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C7742	VCKYCY1HB222KY	AA		J	Capacitor 2200p 50V Ceramic
C7743	VCKYTV1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C7744	RC-KZA110WJZZY	AD		J	Capacitor 10 25V Ceramic
C7745	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C7746	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic
C7749	VCCCCY1HH331JY	AA		J	Capacitor 330p 50V Ceramic
C7750	VCCCCY1HH331JY	AA		J	Capacitor 330p 50V Ceramic
C7751	VCCCCY1HH331JY	AA		J	Capacitor 330p 50V Ceramic
D7701	RH-EX1398CEZZY	AB		J	Zener Diode UDZSTE-178.2B
D7702	VHD1SS355/-1Y	AB		J	Diode 1SS355TE-17
D7703	VHD1SS355/-1Y	AB		J	Diode 1SS355TE-17
D7704	RH-EX1398CEZZY	AB		J	Zener Diode UDZSTE-178.2B
D7705	VHD1SS355/-1Y	AB		J	Diode 1SS355TE-17
D7706	VHD1SS355/-1Y	AB		J	Diode 1SS355TE-17
D7711	VHDDAN202K/-1Y	AB		J	Diode DAN202KT146
D7712	VHDDAN202K/-1Y	AB		J	Diode DAN202KT146
D7713	RH-FXA005WJZZY	AD		J	Diode PC123ZY8J00F
D7714	RH-FXA005WJZZY	AD		J	Diode PC123ZY8J00F
D7715	RH-FXA005WJZZY	AD		J	Diode PC123ZY8J00F
IC7701	VHiM51995AF-1Y	AM		J	IC M51995AFPCF0J
IC7704	VHiTA78L05F-1Y	AE		J	IC TA78L05F(TE12L,F)
IC7705	VHiBD4742G+-1Y	AD		J	IC BD4742G-TR
IC7707	RH-iXB932WJZZQ	AX	N	J	IC iXB932WJ
IC7709	VHiNJM2902V-1Y	AD		J	IC NJM2902V(Te1)
P7701	QPLGN0864TAZZY	AE		J	Plug 8Pin
Q7701	VSDTA114EKA-1Y	AB		J	Transistor DTA114EKAT146
Q7702	VSDTC114EKA-1Y	AB		J	Transistor DTC114EKAT146
Q7703	VS2SC2712Y/-1Y	AB		J	Transistor 2SC2712-Y(Te-85L)
Q7704	VS2SC2712Y/-1Y	AB		J	Transistor 2SC2712-Y(Te-85L)
Q7705	VSDTC114EKA-1Y	AB		J	Transistor DTC114EKAT146
Q7706	VSDTC114EKA-1Y	AB		J	Transistor DTC114EKAT146
Q7707	VSDTC114EKA-1Y	AB		J	Transistor DTC114EKAT146
Q7708	VS2SA1162Y/-1Y	AB		J	Transistor 2SA1162-Y(T5L,F,T)
Q7709	VS2SC2712Y/-1Y	AB		J	Transistor 2SC2712-Y(Te-85L)
R7701	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7702	VRS-TV1JD331JY	AB		J	Resistor 330 1/16W Metal Oxide
R7703	VRS-CY1JF563JY	AA		J	Resistor 56k 1/16W Metal Oxide
R7704	VRS-CY1JF243JY	AA		J	Resistor 24k 1/16W Metal Oxide
R7705	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7706	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7707	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7708	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7709	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7710	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7711	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7712	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7713	VRS-CY1JF182JY	AA		J	Resistor 1.8k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[6] DUNTKD148WEF4 (BALLAST CONTROL Unit)					
R7714	VRS-CY1JF123JY	AA		J	Resistor 12k 1/16W Metal Oxide
R7715	VRS-TV1JD1R0JY	AA		J	Resistor 1 1/16W Metal Oxide
R7716	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7717	VRS-CY1JF151JY	AA		J	Resistor 150 1/16W Metal Oxide
R7718	VRS-CY1JF622JY	AA		J	Resistor 6.2k 1/16W Metal Oxide
R7719	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7720	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7721	VRN-CY1JF122DY	AA		J	Resistor 1.2k 1/16W Metal Film
R7722	VRS-CY1JF682JY	AA		J	Resistor 6.8k 1/16W Metal Oxide
R7723	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7724	VRN-CY1JF153DY	AA		J	Resistor 15k 1/16W Metal Film
R7725	VRN-CY1JF332DY	AA		J	Resistor 3.3k 1/16W Metal Film
R7726	VRS-CY1JF622JY	AA		J	Resistor 6.2k 1/16W Metal Oxide
R7727	VRS-CY1JF302JY	AA		J	Resistor 3k 1/16W Metal Oxide
R7728	RVR-M4555CEZZY	AC		J	Variable Resistor
R7729	VRN-CY1JF102DY	AA		J	Resistor 1k 1/16W Metal Film
R7730	VRN-CY1JF102DY	AA		J	Resistor 1k 1/16W Metal Film
R7731	VRS-CY1JF222JY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R7732	VRN-CY1JF682DY	AB		J	Resistor 6.8k 1/16W Metal Film
R7733	VRN-CY1JF182DY	AA		J	Resistor 1.8k 1/16W Metal Film
R7734	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7735	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7736	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7737	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7738	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R7739	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7740	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R7741	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R7742	VRS-CY1JF303JY	AA		J	Resistor 30k 1/16W Metal Oxide
R7743	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7745	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7746	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R7747	VRS-CY1JF303JY	AA		J	Resistor 30k 1/16W Metal Oxide
R7748	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7749	VRS-CY1JF303JY	AA		J	Resistor 30k 1/16W Metal Oxide
R7750	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R7751	VRS-CY1JF303JY	AA		J	Resistor 30k 1/16W Metal Oxide
R7752	VRS-TQ2BD4R7JY	AA		J	Resistor 4.7 1/8W Metal Oxide
R7753	VRS-TQ2BD4R7JY	AA		J	Resistor 4.7 1/8W Metal Oxide
R7754	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R7755	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R7757	VRS-CY1JF303JY	AA		J	Resistor 30k 1/16W Metal Oxide
R7758	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R7759	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R7760	VRS-CY1JF303JY	AA		J	Resistor 30k 1/16W Metal Oxide
R7761	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7762	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7763	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7764	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7765	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7767	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7769	VRS-CY1JF472FY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7770	VRS-CY1JF472FY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7771	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7772	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7773	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7774	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7775	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7776	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7777	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7778	VRS-CY1JF333JY	AA		J	Resistor 33k 1/16W Metal Oxide
R7779	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7780	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7781	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7783	VRS-CY1JF471JY	AA		J	Resistor 470 1/16W Metal Oxide
R7784	VRS-CY1JF471JY	AA		J	Resistor 470 1/16W Metal Oxide
R7785	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7786	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7789	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7790	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7791	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7792	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7793	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7794	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R7795	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R7796	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
X7701	RCRMCA019WJZZY	AF		J	Ceramic Vibrator

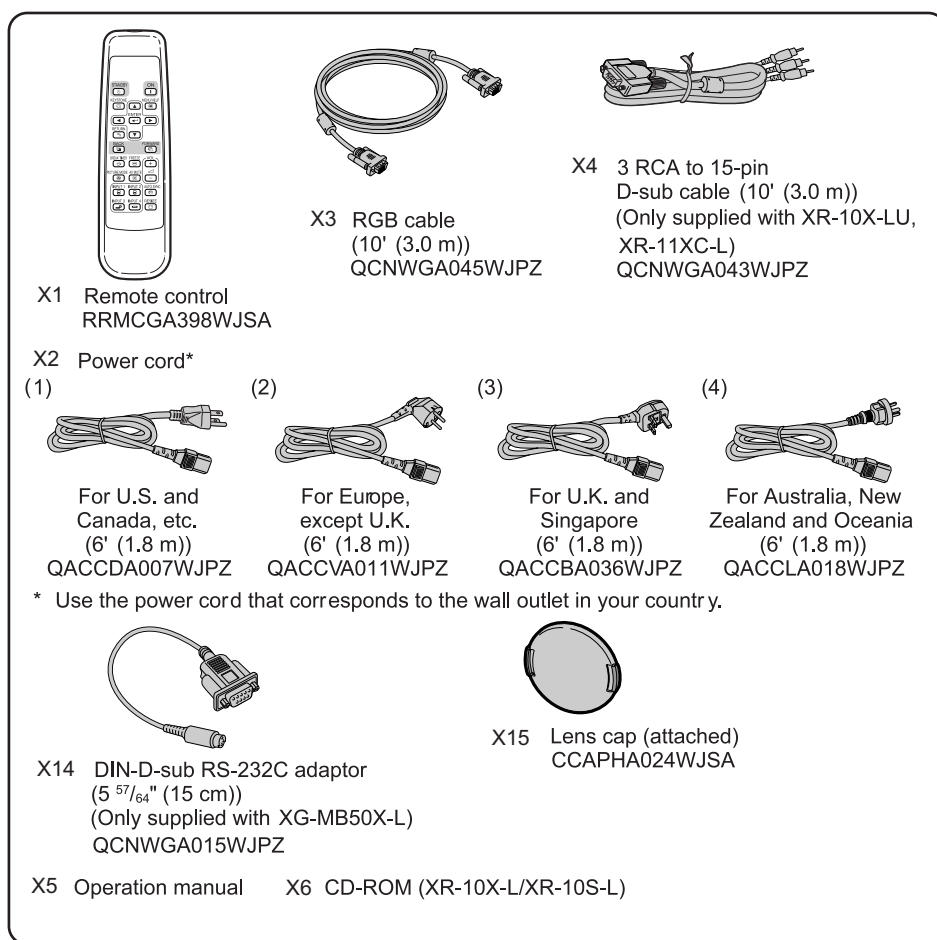
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[7] DUNTKD164WEF4 (R/C RECEIVER Unit)					
C1121	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1122	VCEAPF1CW107MY	AC		J	Capacitor 100 16V Electrolytic
P1121	QPLGN0364TAZZY	AC		J	Plug 3Pin(RC)
R1121	VRS-CY1JF471JY	AA		J	Resistor 470 1/16W Metal Oxide
R1122	VRS-CY1JF220JY	AA		J	Resistor 22 1/16W Metal Oxide
R1123	VRS-CY1JF683JY	AA		J	Resistor 68k 1/16W Metal Oxide
RMC1121	RRMCUA027WJZZ	AK		J	Remote Receiver
N	LHLDPA022WJZZ	AD	N	J	Holder
N	QCNW-D517WJQZ	AE		J	Connecting Cord

[8] CABINET AND MECHANICAL PARTS

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[8] CABINET AND MECHANICAL PARTS					
1	DBDYTA194WEF0	BD	N	J	Top Body Ass'y (10X-L)
1	DBDYTA195WEF0	BD	N	J	Top Body Ass'y (MB50X-L)
1	DBDYTA196WEF0	BE	N	J	Top Body Ass'y (11XC-L)
1	DBDYTA197WEF0	BE	N	J	Top Body Ass'y (HB007X-L)
1	DBDYTA198WEF0	BE	N	J	Top Body Ass'y (10S-L)
1-1	Not Available	-	N	-	Top Body
1-2	HDECPA027WJSA	AD		J	Led Cover
1-3	HiNDPB309WJSA	AH		J	Operation Cover (10S-L)
1-3	HiNDPB309WJSB	AH		J	Operation Cover (10X-L/11XC-L)
1-3	HiNDPB309WJSC	AH		J	Operation Cover (MB50X-L/HB007X-L)
1-4	JBTN-A463WJSA	AF		J	Power Button
2	Not Available	-	N	-	Bottom Body Ass'y
2-1	CDORUA064WEF0	AQ	N	J	Lamp Door Ass'y
2-1-1	Not Available	-	N	-	Lamp Door
2-1-2	LX-BZ3274CEFN	AE		J	Screw
2-1-3	XRESJ30-06000	AA		J	E-Ring
2-1-4	PSLDHA042WJFW	AF		J	Shield
2-2	DBDYUA234WEF0	BM	N	J	Bottom Body Ass'y (10X-L)
2-2	DBDYUA235WEF0	BM	N	J	Bottom Body Ass'y (MB50X-L)
2-2	DBDYUA236WEF0	BM	N	J	Bottom Body Ass'y (11XC-L)
2-2	DBDYUA237WEF0	BM	N	J	Bottom Body Ass'y (HB007X-L)
2-2	DBDYUA238WEF0	BM	N	J	Bottom Body Ass'y (10S-L)
2-2-1	Not Available	-	N	-	Bottom Body
2-2-2	LX-NZ3120CEFW	AB		J	Nut, x1
2-2-3	LX-NZ3144CEFW	AC		J	Nut, x5
2-2-4	LHLDWA161WJZZ	AD	N	J	Wire Holder
2-3	GLEGPA030WJSA	AK		J	Rear Adjuster
2-4	GLEGPA036WJSA	AP		J	Front Adjuster
2-5	HDECPA028WJSA	AE		J	R/C Cover
2-6	XEBSN30P08000	AA		J	Screw (Front Adjuster)
2-7	Not Available	-	-	-	Filter Ass'y (Front)
2-7-1	LHLDZA781WJKA	AF		J	Filter Holder (Front)
2-7-2	PFLDA025WJZZ	AK		J	Filter
2-8	Not Available	-	-	-	Filter Ass'y (Rear)
2-8-1	LHLDZA782WJKA	AF		J	Filter Holder (Rear)
2-8-2	PFLDA025WJZZ	AK		J	Filter
2-9	LX-HZ3105CEFN	AB		J	Screw
2-10	MLEVPA036WJK0	AF	N	J	SW ILever
2-11	QCNW-E821WJQZ	AN	N	J	LF Wire
4	-----	-	-	-	Refer to Optical Mechanism Parts
5	AN-XR10L2	-		J	Lamp Unit
8	DSETUD147FMG1	BZ	N	J	BALLAST POWER Ass'y (with Ballast Control Unit)
8-1	Not Available	-	N	-	BALLAST POWER Unit
8-2	DUNTGD148WEF4	BE	N	J	BALLAST CONTROL Unit
9	DUNTGD164WEF4	AN	N	J	R/C RECEIVER Unit
11	DUNTKE004FMF0	CN		J	MAIN Unit (10S-L)
11	DUNTKE004FMF1	CN	N	J	MAIN Unit (10X-L/11XC-L/MB50X-L/HB007X-L)
11-1	PSLDMA722WJFW	AL		J	Shield
11-2	PSLDMA726WJFW	AF		J	MAIN PWB Shield
11-3	PSPAZA913WJKZ	AB		J	Shield Spacer
12	HiNDPC073WJZZ	AC	N	J	PSB Label (10X-LK)
12	HiNDPC074WJZZ	AG	N	J	PSB Label (10S-LK)
13	LHLDZA579WJKZ	AH		J	Speaker Holder
14	LHLDZA580WJKZ	AD		J	Support, x2
15	LHLDZA590WJKZ	AD		J	PWB Support
17	LX-BZ3100CEF7	AA		J	Screw, x11
20	NFANRA070WJ00	AY		J	Exhaust Fan (Lamp)
21	NFANRA069WJ00	AT		J	Exhaust Fan (Power), x2
23	PCOVNA008WJZZ	AE		J	Power Unit Duct B
24	PCOVNA009WJZZ	AE		J	Power Unit Duct C
25	PCOVNA004WJKZ	AH		J	Power Insulator (Front)
26	PCOVNA005WJKZ	AH		J	Power Insulator (Rear)
29	PSLDMA720WJFW	AM		J	Ballast Shield (Upper)
30	PSLDMA721WJFW	AV		J	Ballast Shield (Lower)
31	PSPAGA276WJZZ	AP		J	Fan Rubber, X3
33	PZETKA128WJKZ	AN		J	Power Insulator Bottom
35	QCNW-D518WJQZ	AM		J	EA Wire
36	QCNW-D575WJPZ	AR		J	Baimetal Wire
39	RSP-ZA085WJQZ	AP		J	Speaker
41	XBBSN30P08000	AA		J	Screw, x1
42	XBPS830P08JS0	AB		J	Screw, x2
43	XEBSN30P12000	AA		J	Screw, x19
44	TLABZA956WJZZ	AB		J	WEEE Mark Label (10S-LE/K, 10X-LE/K)
45	Not Available	-	-	-	Shaft
46	RH-HXA025WJPZ	AP		J	Thermistor
47	LHLDW1226CEZZ	AC		J	Wire Holder, x2
48	PSPAZA875WJKZ	AC		J	Spacer, x2
49	XBBSN30P06000	AA		J	Screw, x2

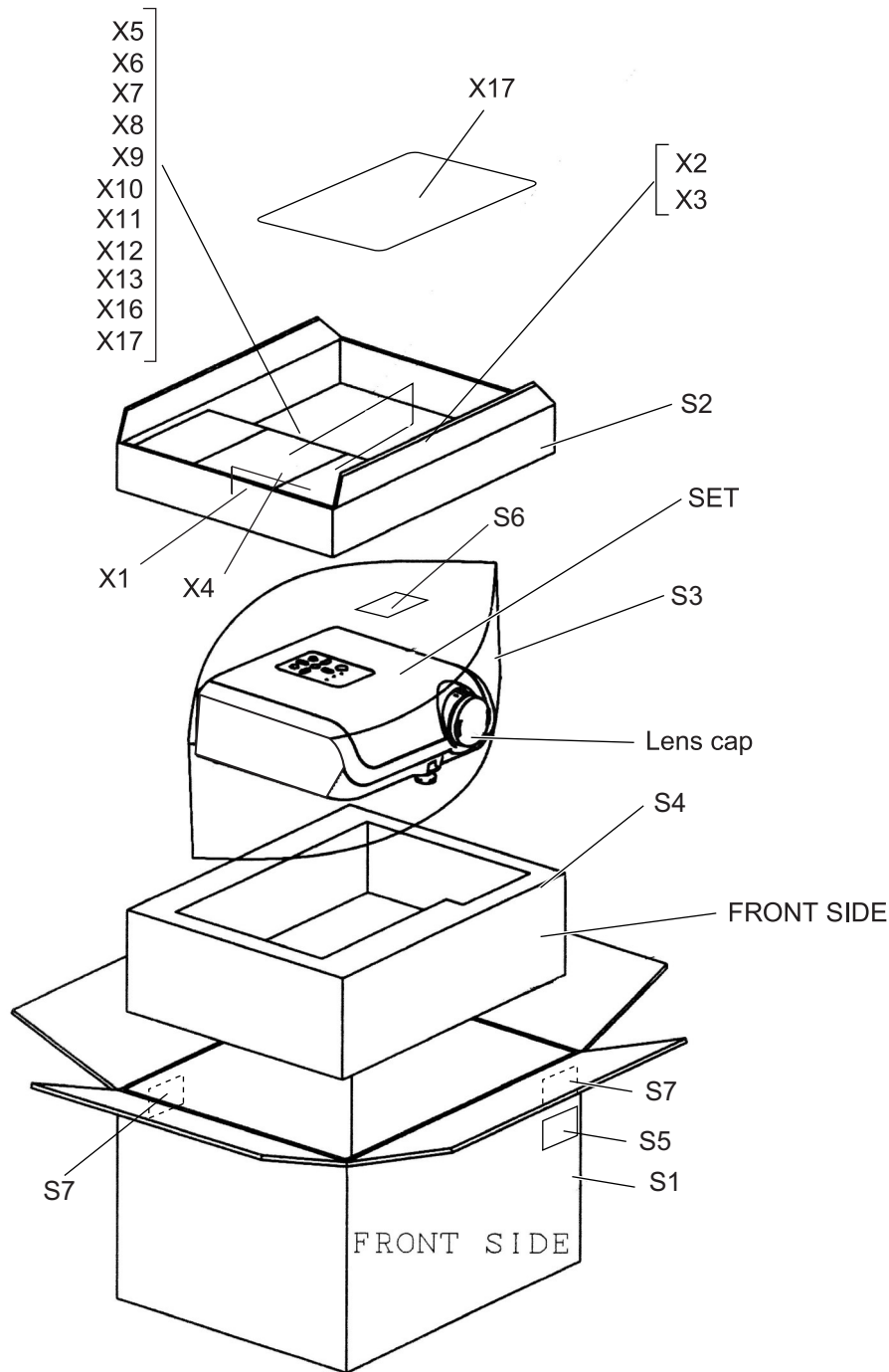
[9] OPTICAL MECHANISM PARTS

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[9] OPTICAL MECHANISM PARTS					
3	CCAPHA024WJSA	AG		J	Lens Cap Ass'y
4	CCHSKA019WEFB	CG	N	J	Optical Mechanism Unit
4-1	LCHSKA019WJF1	BG		J	Engine Base
4-2	LHLDZA572WJKZ	AH		J	Mirror Holder
4-3	LHLDZA573WJKZ	AK		J	Rod Holder Base
4-4	LHLDZA574WJKZ	AH		J	Rod Holder Cover
4-5	CF iLWA097WEF0	BU		J	Colour Wheel Ass'y
4-5-1	PF iLWA097WJZZ	BT		J	Colour Wheel
4-5-2	LHLDZA817WJFW	AP		J	C/W Holder
4-5-3	PSHEGA043WJKZ	AF		J	Sheet
4-5-4	XBBS920P05000	AB		J	Screw for C/W, x3
4-6	MSPRCA062WJFJ	AB		J	Spring
4-7	MSPRPA061WJFW	AE		J	Plastic Lens Spring
4-8	MSPRPA070WJFW	AC		J	Rod Spring, x2
4-9	PCOVPA028WJSA	AN		J	Focus Ring
4-10	PCOVPA029WJSA	AM		J	Zoom Ring
4-11	PCOVZA056WJFW	AF		J	Engine Cover
4-12	PCOVZA085WJKZ	BA	N	J	Lamp House
4-13	PDUC-A064WJKZ	AR		J	Exhaust Duct
4-15	PLNS-A055WJZZ	BV		J	Projection Lens
4-16	PLNS-A056WJZZ	AX		J	Plastic Lens
4-17	PLNS-A057WJZZ	AR		J	Illmi Lens 1
4-18	PLNS-A058WJZZ	AS		J	Illmi Lens 2
4-19	PLNS-A059WJZZ	BF		J	Rod
4-20	PMIR-A071WJZZ	AS		J	Refract Mirror
4-21	PSLDPA036WJFW	AF		J	Projection Lens Aperture
4-22	PSLDPA061WJFW	AG		J	DMD Aperture
4-23	PSLDPA038WJFW	AD		J	Rod Aperture
4-24	PSLDPA039WJFW	AF		J	Illmi Aperture 1
4-25	PSLDPA057WJFW	AG		J	Illmi Aperture 2
4-26	PSLDPA042WJFW	AE		J	House Shading board
4-27	PSPAZA769WJZZ	AF		J	Dust Proof Spacer
4-29	XBBSN30P06000	AA		J	Screw M3*6, x13
4-30	XBBSN30P10000	AA		J	Screw for C/W Holder, x2
4-31	XBPS830P08JS0	AB		J	Screw, Pj Lns=4, Mir=2
4-32	XEBNS30P08000	AA		J	Screw for Duct1
4-34	TLABZB026WJZZ	AE		J	MECHA No.LABEL
4-35	TLABZB027WJZZ	AB		J	OPT MODEL LABEL
6	DUNTKD140WEF0	BT	N	J	DMD Unit
7	DUNTKD141WEF4	AP	N	J	PHOTO SENSOR Unit
16	LHLDZA612WJFW	AL		J	Backer Plate
18	LX-BZA110WJF7	AC		J	DMD Screw, x4
19	MSPRCA062WJFJ	AB		J	Spring For DMD, x4
22	NFANSA019WJZZ	BB		J	Blower Fan Unit
27	PRDARA223WJFW	AV		J	DMD Heat Sink
28	PSHEGA040WJZZ	AE		J	Thermal Pad
32	PSPAZA768WJZZ	AD		J	Backer Plate Sheet
37	QSOCZA105WJZZ	AZ		J	DMD Socket (10X-L/11XC-L/MB50X-L/HB007X-L)
37	QSOCZA106WJZZ	AZ		J	DMD Socket (10S-L)
38	RDMDPA013WJZZQ	CY		J	DMD SVGA (10S-L)
38	RDMDPA027WJZZ	CW	N	J	0.55 DMD XGA (10X-L/11XC-L/MB50X-L/HB007X-L)
40	XBBSN30P06000	AA		J	Screw, x2

[10] SUPPLIED ACCESSORIES

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[10] SUPPLIED ACCESSORIES					
X1	RRMCGA398WJSA	AS		J	Remote Control unit
X2	QACCA036WJPZ	AX		J	AC Cord for U.K and Singapore
X2	QACCA007WJPZ	AR		J	AC Cord for USA and Canada
X2	QACCLA018WJPZ	AU		J	AC Cord for Australia, New Zealand and Oceania
X2	QACCA011WJPZ	AT		J	AC Cord for Europe except U.K
X3	QCNWGA045WJPZ	AU		J	RGB Cable
X4	QCNWGA043WJPZ	AW		J	3 RCA to 15-pin D-sub cable (10X-LU/11XC-L for USA)
X5	TINS-C689WJZZ	AL	N	J	Operation Manual (10X-L/10S-L)
X5	TINS-C690WJZZ	AM	N	J	Operation Manual (11XC-L/MB50X-L)
X5	TINS-C691WJZZ	AH	N	J	Operation Manual (HB007X-L)
X6	UDSKAA083WJZZ	AL	N	J	CD-ROM (10X-L/10S-L)
X7	TGAN-A232WJZZ	AC	N	J	SEC ER Information (for USA)
X8	TGAN-A233WJZZ	AC	N	J	SECL ER Infomation (for Canada)
X9	TGAN-A318WJZZ	AD	N	J	SECL Warranty (for Canada)
X10	TGAN-A678WJZZ	AB	N	J	SEC Warranty (10X-L/10S-L/11XC-L)
X10	TGAN-A757WJZZ	AB	N	J	SEC Warranty (MB50X-L)
X11	TLABZA255WJZZ	AE		J	ER Sticker (for USA and Canada)
X12	SSAKA0160CEZZ	AB		J	Polyethylene Bag
X13	TCAUZA143WJZZ	AA		J	System lock Caution
X14	QCNWGA015WJPZ	AK		J	DIN-D-sub RS-232C adaptor (MB50X-L)
X15	CCAPHA024WJSA	AG		J	Lens Cap Ass'y
X16	TCAUZA201WJZZ	AB	N	J	Caution 3 RCA to 15-pin D-sub cable (10X-LU)
X17	TCAUZA187WJZZ	AC		J	WEEL Caution Sheet (10X-L/10S-L for Europe and HB007X-L)
X18	GCASNA019WJZZ	AZ		J	Strage Case (11XC-L)

[11] PACKING PARTS (NOT REPLACEMENT ITEM)



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[11] PACKING PARTS (NOT REPLACEMENT ITEM)					
S1	SPAKCC964WJZZ	-	N	-	Packing Case (10X-LU)
S1	SPAKCC965WJZZ	-	N	-	Packing Case (MB50X-L)
S1	SPAKCC966WJZZ	-	N	-	Packing Case (11XC-L)
S1	SPAKCC967WJZZ	-	N	-	Packing Case (HB007X-L)
S1	SPAKCC968WJZZ	-	N	-	Packing Case (10S-LU)
S1	SPAKCD002WJZZ	-	N	-	Packing Case (10X-LE/10X-LK)
S1	SPAKCD003WJZZ	-	N	-	Packing Case (10S-LE/10S-LK)
S2	SPAKFA792WJZZ	-		-	Accessory Case
S3	SPAKPA360WJZZ	-		-	Wrapping Paper
S4	SPAKXA768WJZZ	-		-	Buffer Material
S5	TLABVA333WJZZ	-		-	Bar Code Label (for USA, Canada, Australia, New Zealand and Oceania)
S6	TLABZA610WJZZ	-		-	Recycle Label (for Europe except U.K)
S7	TLABZA957WJZZ	-		-	C.W.Mark, x2 (for Europe and Singapore)
[12] SERVICE JIGS AND EQUIPMENT(USE FOR SERVICING)					
N	QCNW-C516WJQZ	AG		J	Extension Cable, 3pins L=200mm, Main to Fan, x2
N	QCNWKA006WJZZ	AX		J	Extension Cable, 4pins L=500mm, Main to Fan
N	QCNWKA008WJZZ	AP		J	Extension Cable, 14pins, Main to Power
N	QCNWKA009WJZZ	DA		J	Extension Cable, 140pins, Main to DMD
N	RUNTZA018WJZZ	DR		J	Adjustment Jig, for the Ballast Unit
N	QCNWKA016WJZZ	AU	N	J	Extension Cable, 3 to 2pins L=600mm, Adjustment Jig to Lamp
N	DBDYTA132WJZZ	BS		J	Service Top Body (UV light protection cover)

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