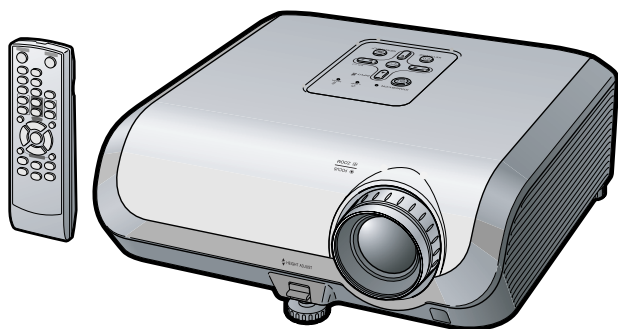


# SHARP SERVICE MANUAL

No. S87P4PG-F320W



## DATA PROJECTOR

## MODEL PG-F320W

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

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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.

# 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

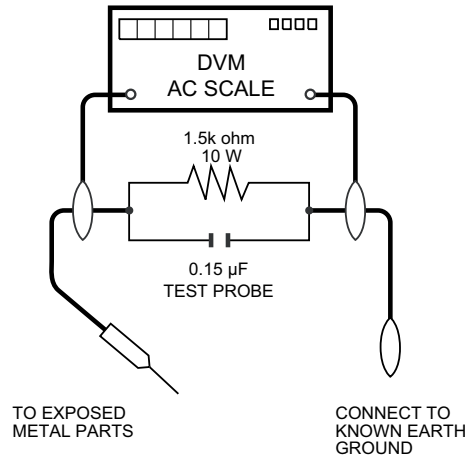
1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

#### 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, (Do not use an isolation transformer for this test).
  - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μF 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 DLP® 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

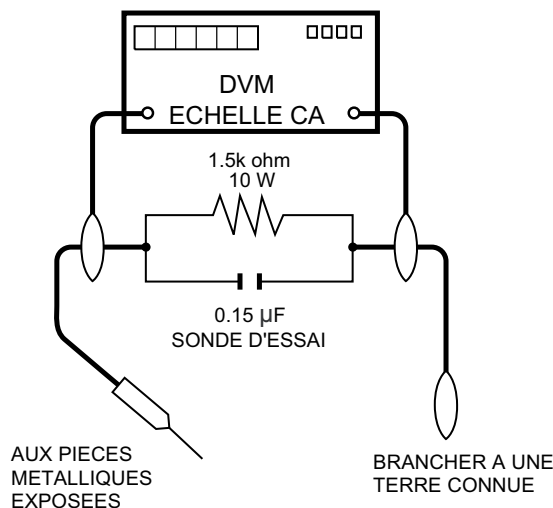
1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

## 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 kΩ 10 watts en parallèle avec un condensateur de 0.15µF 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 5000Ω/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 DLP® 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-F310LP rated 275W 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.

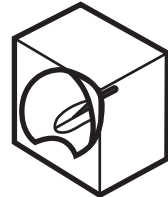
### EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

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-F310LP, caractéristique 275W-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)**  
 //////////////////////////////////////

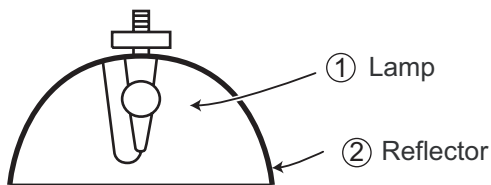
**■ Lamp Replacement**

**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)**  
 //////////////////////////////////////

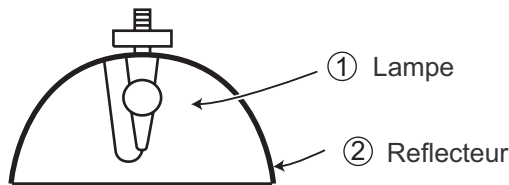
**■ Remplacement de la lampe**

**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.]



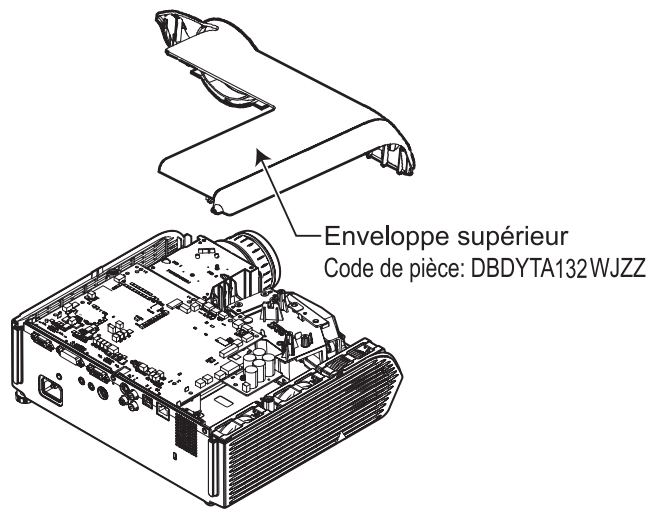
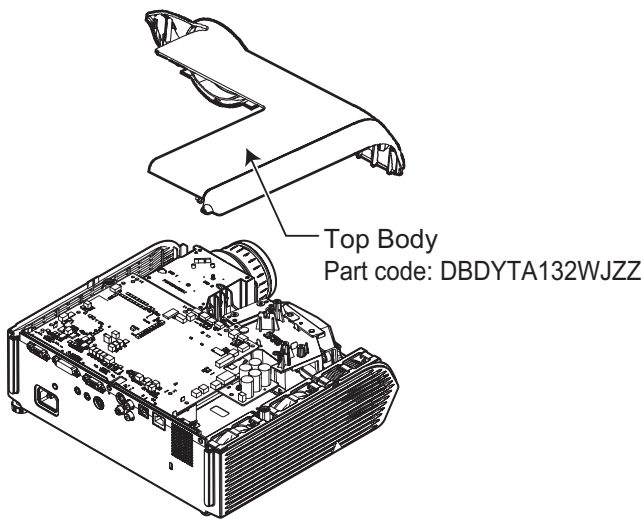
**DANGER !** — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

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.**

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK. DO NOT REMOVE SCREWS EXCEPT SPECIFIED USER SERVICE SCREW.	
<p>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.</p>		



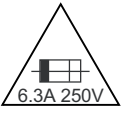
The lighting flash with arrowhead within a triangle is intended to tell the user that parts inside the product are risk of electric shock to persons.



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'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION, NE PAS PLACER CET APPAREIL DANS UN ENDROIT HUMIDE OU MOUILLE.**

	<b>ATTENTION</b> RISQUE D'ÉLECTROCUTION. NE PAS RETIRER LES VIS À L'EXCEPTION DE LA VIS DE REPARATION UTILISATEUR SPECIFIEES	
<p>ATTENTION: POUR EVITER 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.</p>		



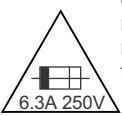
L'éclair terminé d'une flèche à l'intérieur d'un triangle indique à l'utilisateur que les pièces se trouvant dans l'appareil sont susceptibles de provoquer une décharge électrique.



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 PUTSSANCE)**

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:



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**

Model		PG-F320W
Display devices		0.65" DLP® Chip
Resolution		WXGA (1280 × 800)
Lens	F number	F 2.4 – 2.6
	Zoom	Manual, ×1.15 (f = 18.7 – 21.5 mm)
	Focus	Manual
Input terminals	DVI-I (Compatible with HDCP)	×1
	Computer/Component (mini D-sub 15 pin)	×1
	S-Video (mini DIN 4 pin)	×1
	Video (RCA)	×1
	Audio (ø3.5 mm stereo minijack)	×1
	Audio (RCA)	×1 (L/R)
Output terminals	Computer/Component (mini D-sub 15 pin)	×1
	Audio (ø3.5 mm stereo minijack)	×1 (Variable Audio Output)
Control and communication terminals	LAN (RJ-45)	×1
	USB (Type B)	×1
	RS-232C (mini DIN 9 pin)	×1
Speakers		2 W (Mono)
Projection lamp		275 W
Rated voltage		AC 100 – 240 V
Rated frequency		50/60 Hz
Input current		3.7 A
Power consumption (Standby)		363 W (10.5 W) with AC 100 V 349 W (11.0 W) with AC 240 V
Operation temperature		41°F to 95°F (+5°C to +35°C)
Cabinet		Plastic
Dimensions (main body only) [W × H × D]		12 13/32" × 4 19/64" × 11 1/32" (315 × 109 × 280 mm)
Weight (approx.)		9.1 lbs. (4.1 kg)

*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

**Top View**

Power indicator

Lamp indicator

STANDBY/ON button  
For turning the power on and putting the projector into standby mode.

Temperature warning indicator

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

VOL (Volume) buttons (-◀/▶+)  
For adjusting the speaker sound level.

KEystone button  
For entering the Keystone Correction mode.

INPUT buttons (▲/▼)  
For switching input mode.

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.

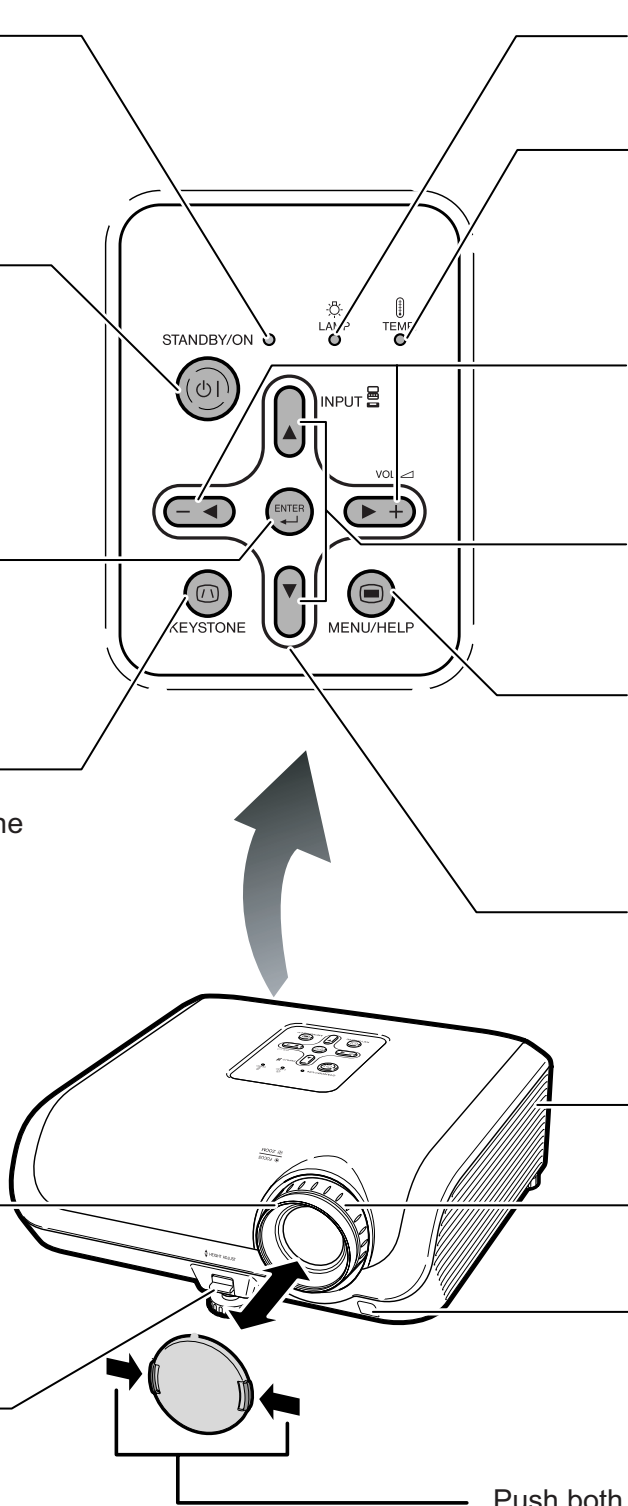
Intake vent

Zoom ring  
For enlarging/reducing the picture.

HEIGHT ADJUST lever

Remote control sensor

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



**Terminals**

**MONITOR OUT terminal**  
 (Output terminal for computer RGB, component and DVI analog signals. Shared for COMPUTER/COMPONENT and DVI-I)  
 Terminal for connecting a monitor.

**DVI-I input terminal**  
 Terminal for DVI digital, computer RGB, and component signals.

**COMPUTER/COMPONENT input terminal**  
 Terminal for computer RGB and component signals.

**AUDIO 1 input terminal**

**AUDIO OUT terminal**  
 Audio output terminal of equipment connected to the audio input terminal.

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

**AC socket**  
 Connect the supplied power cord.

**Rear adjustment foot**

**S-VIDEO input terminal**  
 Terminal for connecting video equipment with an S-video terminal.

**USB terminal**  
 Terminal connecting with the USB terminal on the computer for using the supplied remote control as the computer mouse.

**LAN terminal**  
 Terminal for controlling the projector using a computer via network.

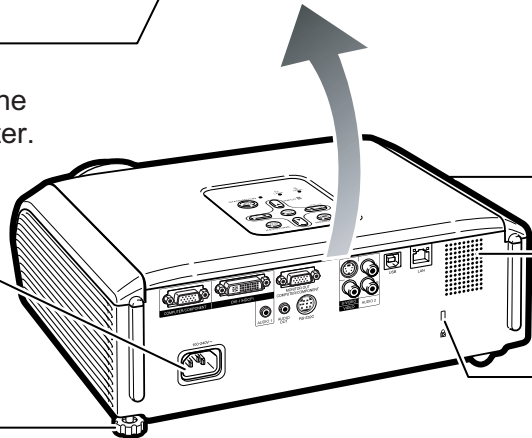
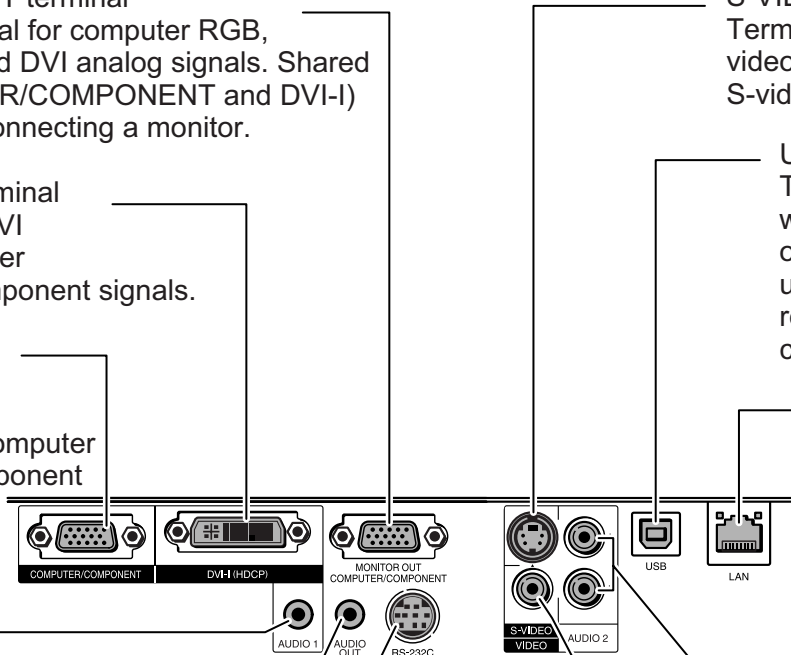
**AUDIO 2 input terminal**

**VIDEO input terminal**  
 Terminal for connecting video equipment.

**Exhaust vent**

**Speaker**

**Kensington Security Standard connector**



**Using the Kensington Lock**

- This projector has a Kensington Security Standard connector for use with a Kensington MicroSaver 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.

**COMPUTER, DVI, S-VIDEO, VIDEO buttons**  
For switching to the respective input modes.

**BREAK TIMER button**  
For displaying the break time.

**MAGNIFY buttons**  
For enlarging/reducing part of the image.

**PAGE UP/PAGE DOWN buttons**  
Same as the [Page Down] and [Page Up] keys on a computer keyboard, when with the USB connection (using a USB cable or the optional remote receiver).

**POINTER button**  
For displaying the pointer.

**MOUSE/Adjustment buttons (▲/▼/◀/▶)**

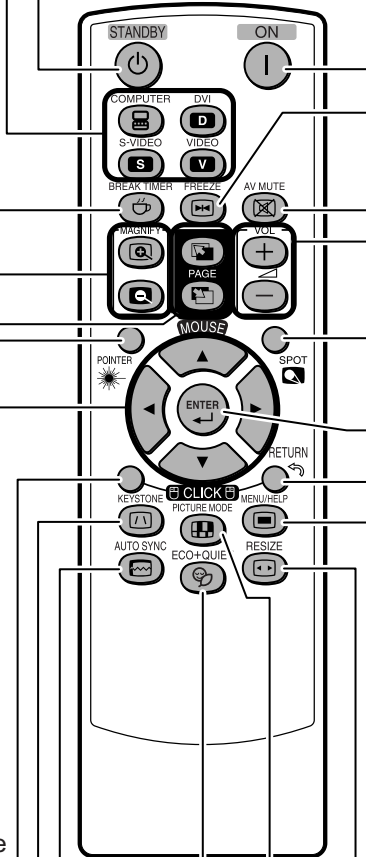
- For moving the computer cursor when with the USB connection (using a USB cable or the optional remote receiver).
- For selecting and adjusting menu items.

**L-CLICK button**  
For the Left click when with the USB connection (using a USB cable or the optional remote receiver).

**KEystone button**  
For entering the Keystone Correction mode.

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

**ECO+QUIET button**  
For lowering the noise of the cooling fan and extending the lamp life.



**ON button**  
For turning the power on.

**FREEZE button**  
For freezing images.

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

**VOL +/- (Volume) buttons**  
For adjusting the speaker sound level.

**SPOT button**  
For displaying the spotlight.

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

**R-CLICK/RETURN button**

- For the Right click when with the USB connection (using a USB cable or the optional remote receiver).
- For returning to the previous menu screen during menu operations.

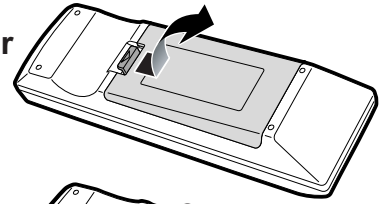
**MENU/HELP button**  
For displaying adjustment and setting screens, and help screen.

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

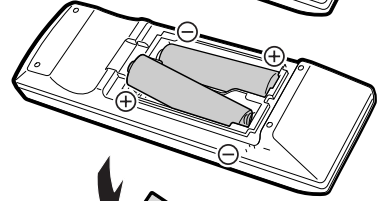
**PICTURE MODE button**  
For selecting the appropriate picture.

## Inserting the Batteries

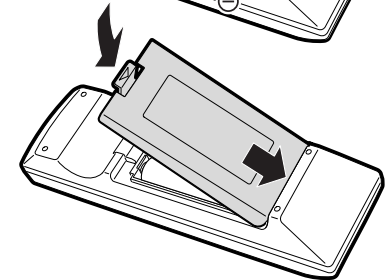
- 1 Pull down the tab on the cover and remove the cover towards the direction of the arrow.**



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



- 3 Insert the lower tab of the cover into the opening, and lower the cover until it clicks in place.**



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



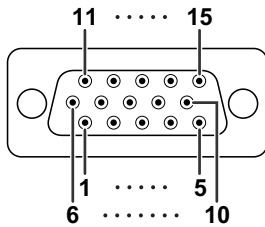
### Caution

- Danger of explosion if battery is incorrectly replaced. Replace only with alkaline or manganese batteries.
- 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.



# Connecting Pin Assignments

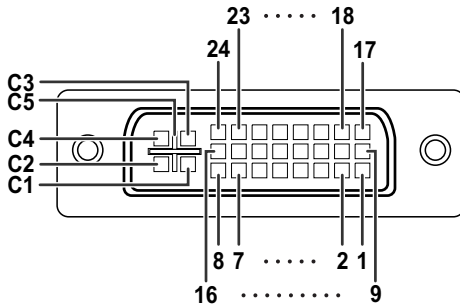
**COMPUTER/COMPONENT input and COMPUTER/COMPONENT output Terminals : mini D-sub 15 pin female connector**



COMPUTER Input/Output Pin No.	Signal
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 Pin No.	Signal
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

**DVI-I Terminal : 29 pin connector**

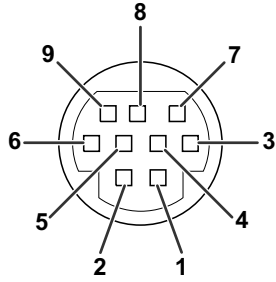


• DVI Digital Input		Pin No.	Signal
1.	T.M.D.S data 2-	16.	Hot plug detection
2.	T.M.D.S data 2+	17.	T.M.D.S data 0-
3.	T.M.D.S data 2 shield	18.	T.M.D.S data 0+
4.	Not connected	19.	T.M.D.S data 0 shield
5.	Not connected	20.	Not connected
6.	DDC clock	21.	Not connected
7.	DDC data	22.	T.M.D.S clock shield
8.	Not connected	23.	T.M.D.S clock+
9.	T.M.D.S data 1-	24.	T.M.D.S clock-
10.	T.M.D.S data 1+	C1.	Not connected
11.	T.M.D.S data 1 shield	C2.	Not connected
12.	Not connected	C3.	Not connected
13.	Not connected	C4.	Not connected
14.	+5V power	C5.	Ground
15.	Ground		

• DVI Analog RGB Input			
Pin No.	Signal	Pin No.	Signal
1.	Not connected	16.	Hot plug detection
2.	Not connected	17.	Not connected
3.	Not connected	18.	Not connected
4.	Not connected	19.	Not connected
5.	Not connected	20.	Not connected
6.	DDC clock	21.	Not connected
7.	DDC data	22.	Not connected
8.	Vertical sync	23.	Not connected
9.	Not connected	24.	Not connected
10.	Not connected	C1.	Analog input Red
11.	Not connected	C2.	Analog input Green (Sync On Green)
12.	Not connected	C3.	Analog input Blue
13.	Not connected	C4.	Horizontal sync (Composite Sync)
14.	+5V power	C5.	Ground
15.	Ground		

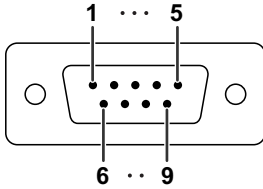
• DVI Analog Component Input			
Pin No.	Signal	Pin No.	Signal
1.	Not connected	16.	Not connected
2.	Not connected	17.	Not connected
3.	Not connected	18.	Not connected
4.	Not connected	19.	Not connected
5.	Not connected	20.	Not connected
6.	Not connected	21.	Not connected
7.	Not connected	22.	Not connected
8.	Not connected	23.	Not connected
9.	Not connected	24.	Not connected
10.	Not connected	C1.	Analog input Pr/Cr
11.	Not connected	C2.	Analog input Y
12.	Not connected	C3.	Analog input Pb/Cb
13.	Not connected	C4.	Not connected
14.	Not connected	C5.	Ground
15.	Ground		

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



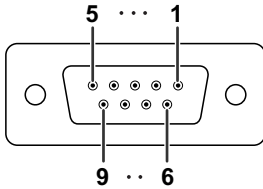
Pin No.	Signal	Name	I/O	Reference
1.				Not connected
2.	RD	Receive Data	Input	Connected to internal circuit
3.	SD	Send Data	Output	Connected to internal circuit
4.				Not connected
5.	SG	Signal Ground		Connected to internal circuit
6.				Not connected
7.	RS	Request to Send		Connected to CS in internal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

**RS-232C Terminal : D-sub 9 pin male connector of the DIN-D-sub RS-232C adaptor**



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 : D-sub 9 pin female connector**



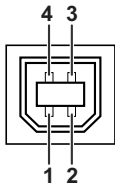
Pin No.	Signal	Pin No.	Signal
1.	CD	1.	CD
2.	RD	2.	RD
3.	SD	3.	SD
4.	ER	4.	ER
5.	SG	5.	SG
6.	DR	6.	DR
7.	RS	7.	RS
8.	CS	8.	CS
9.	CI	9.	CI

**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).

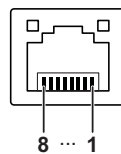


**USB Terminal : Type B USB connector**



Pin No.	Signal	Name
1.	VCC	USB power
2.	USB-	USB data-
3.	USB+	USB data+
4.	SG	Signal Ground

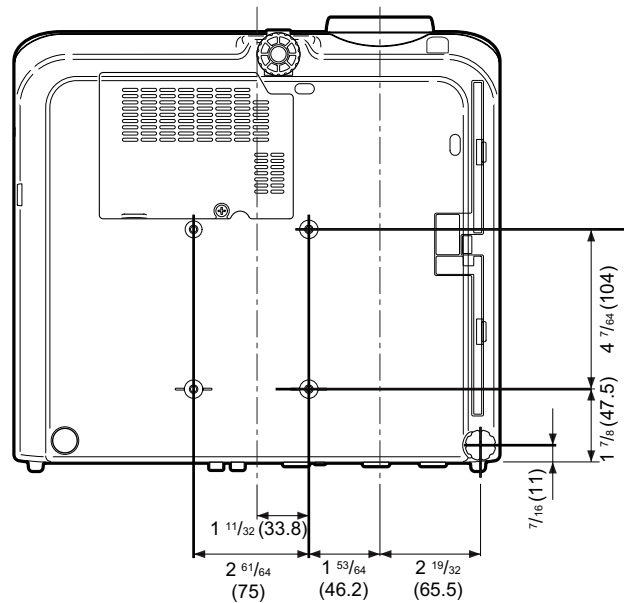
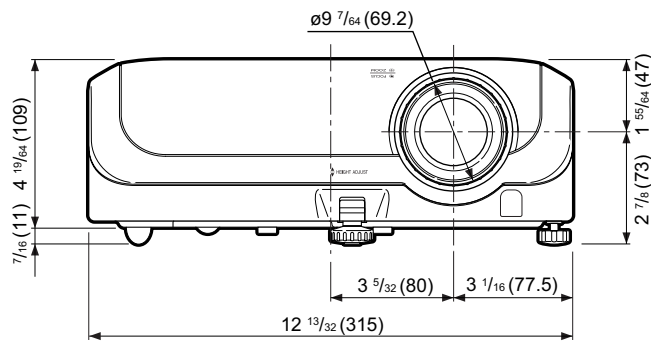
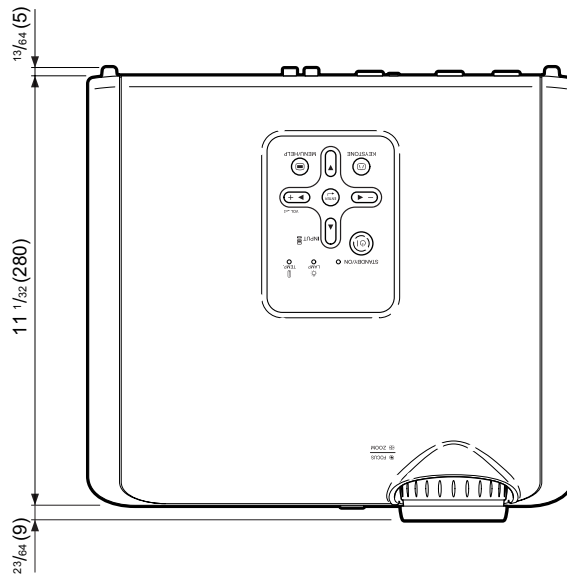
**LAN Terminal : LAN (RJ-45)**



Pin No.	Signal	Pin No.	Signal
1.	TX+	5.	
2.	TX-	6.	RX-
3.	RX+	7.	
4.		8.	

[3] DIMENSIONS

Units: inches (mm)



**[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-F310LP 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](http://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 burns or injury.
- Wait at least one hour after the power cord is disconnected to allow the surface of the lamp unit to fully cool before removing the lamp unit.
- **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.



## Regarding the Lamp (Continued)

### 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.

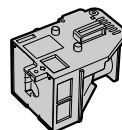
#### **2** Disconnect the power cord.

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

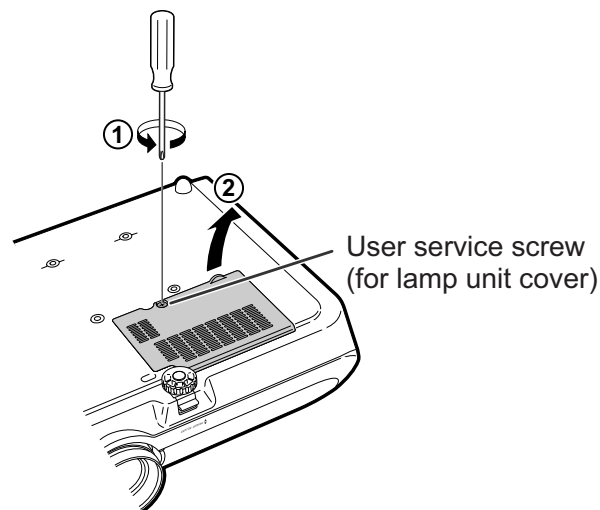
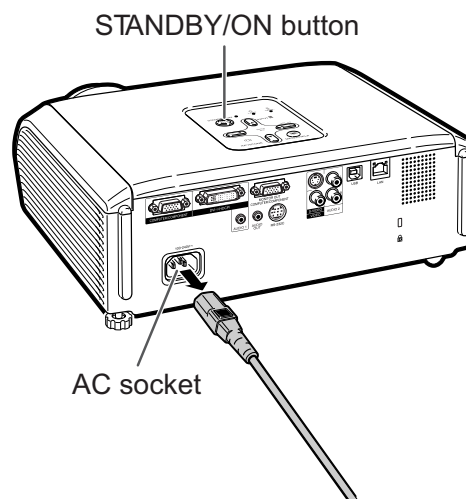
#### **3** Remove the lamp unit cover.

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

Optional  
accessory

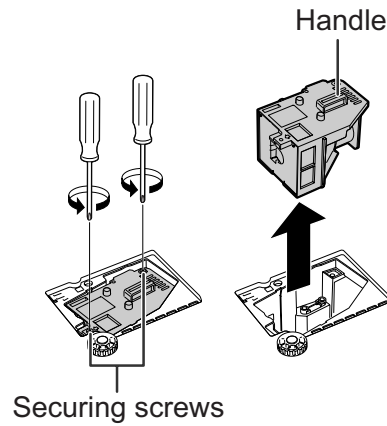


Lamp unit  
AN-F310LP



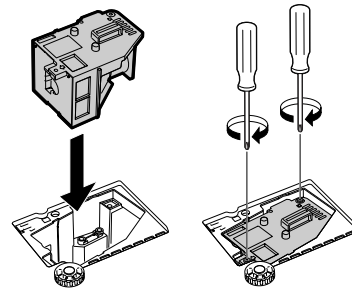
#### 4 Remove the lamp unit.

- 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.



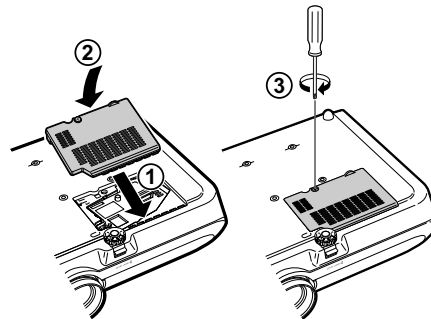
#### 5 Insert the new lamp unit.

- 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

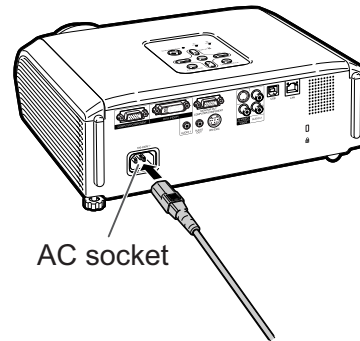
- If the lamp unit and lamp unit cover are not correctly installed, the power will not turn on, even if the power cord is connected to the projector.

## 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.

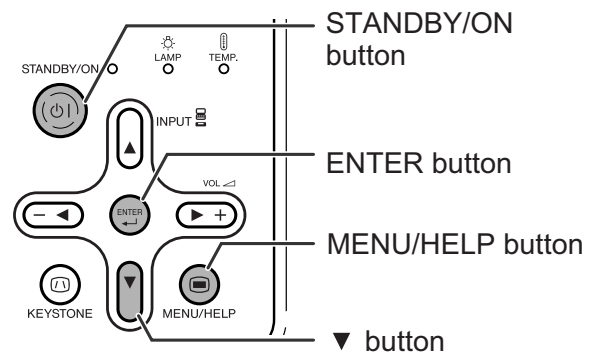


#### 1 Connect the power cord.

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

#### 2 Reset the lamp timer.

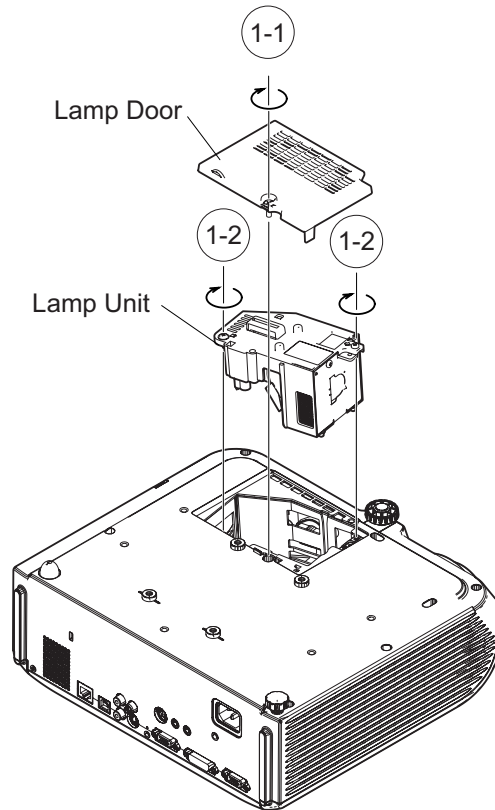
- While simultaneously holding down **MENU/HELP**, **ENTER** and **▼** on the projector, press **STANDBY/ON** on the projector.
- "LAMP 0000H" is displayed, indicating that the lamp timer is reset.



## CHAPTER 2. REMOVING OF MAJOR PARTS

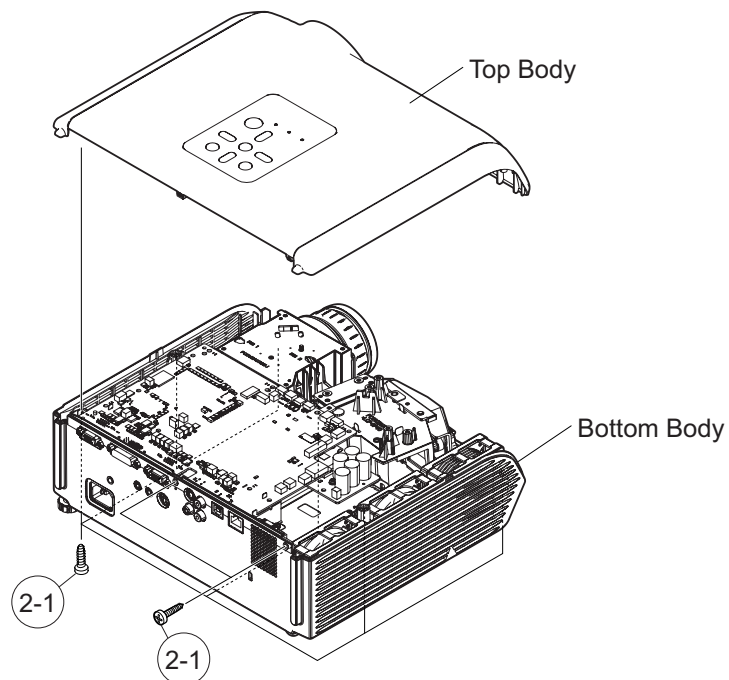
### [1] Removing the lamp door and the lamp unit

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



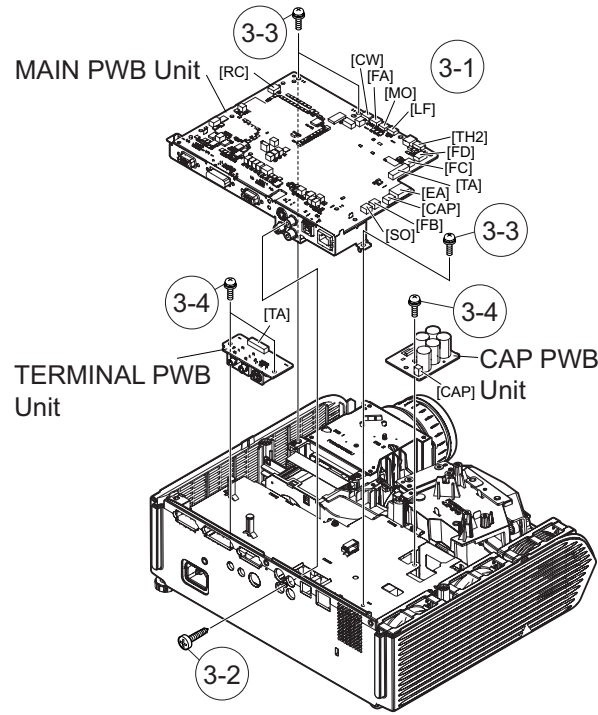
### [2] Removing the top body

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



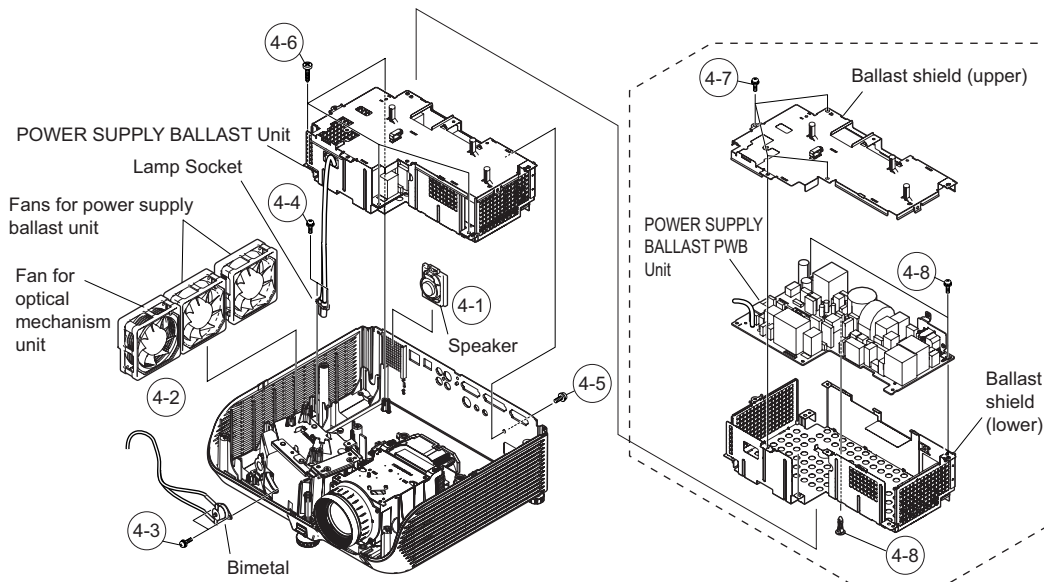
### [3] Removing the main PWB unit and terminal PWB unit

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



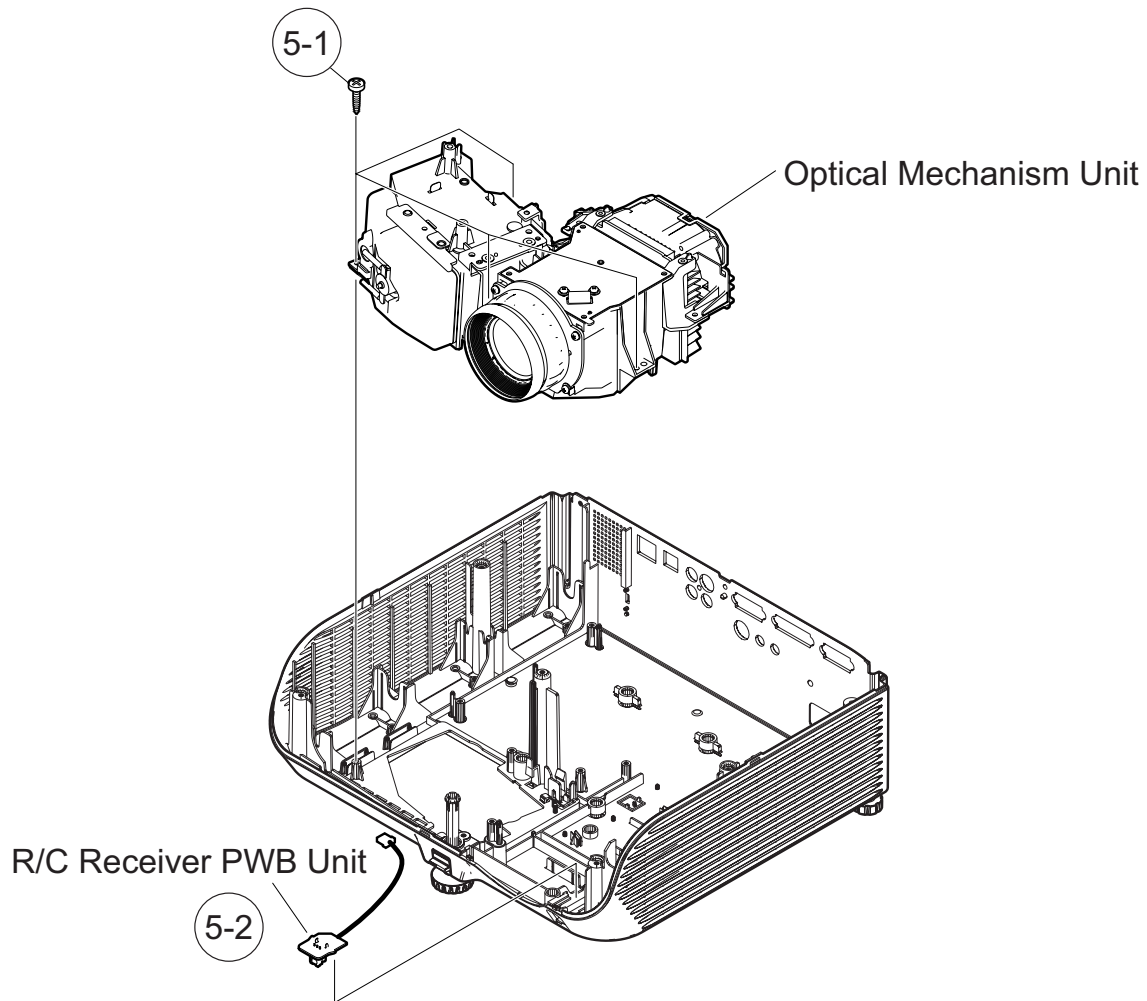
### [4] Removing the speaker, fan, and power supply ballast unit

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 power supply 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 power supply ballast PWB unit fixing screws and 1 clip to detach the power supply PWB unit from the ballast shield (lower).



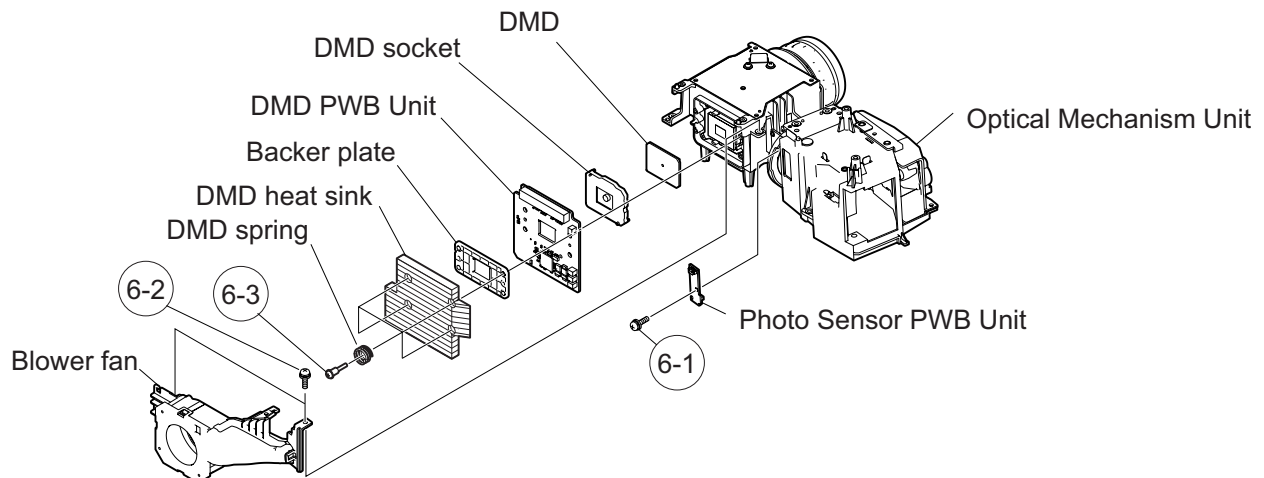
## [5] Removing the optical mechanism unit and R/C receiver PWB unit

1. Remove 4 optical mechanism unit fixing screws to detach the optical mechanism unit.
2. Remove the R/C receiver PWB unit.



## [6] Removing the photo sensor PWB unit, blower fan, DMD PWB, and DMD

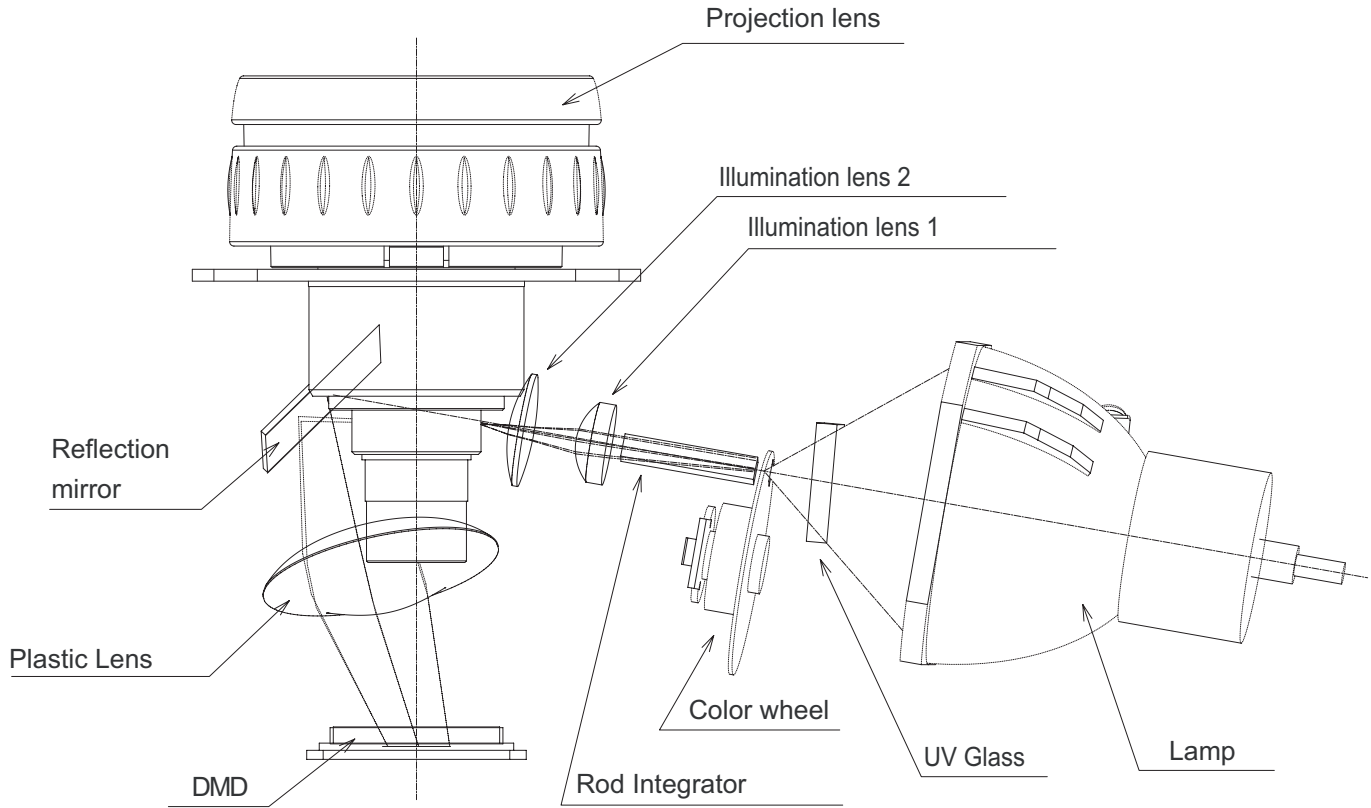
1. Remove 1 photo sensor PWB unit fixing screw to detach the photo sensor PWB unit.
2. Remove 2 blower fan fixing screws to detach the blower fan.
3. Remove 4 DMD heat sink fixing screws to detach the DMD PWB unit and the DMD.



# CHAPTER 3. THE OPTICAL UNIT OUTLINE

## [1] THE OPTICAL UNIT OUTLINE

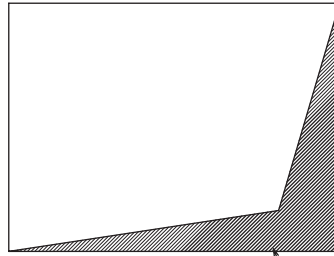
### 1. Layout for proper setup of the optical components and parts (top view) (Schematic diagram)



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.
Condenser Lens (PLASTIC LENS)	Condenses the light from the reflection mirror to the DMD and the pupil of the projection lens.
DMD	Turns the internal micro mirror 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**

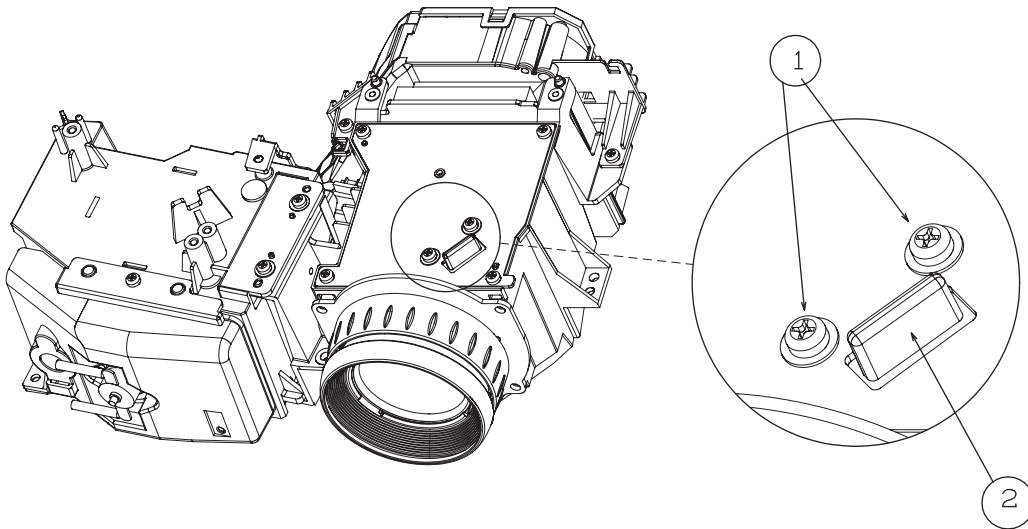
If shading shown in Figure 1 appears on the screen after replacing DMD, turn the adjustment screw of the optical engine to adjust the lighting area of DMD.



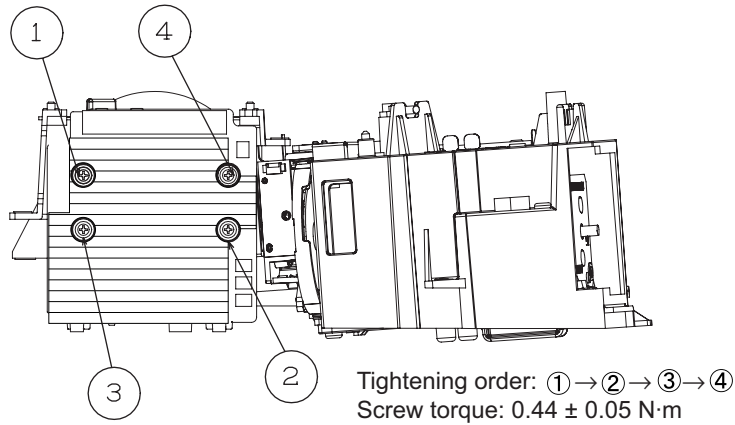
**Fig. 1**

Shading

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.



When mounting DMD, tighten the 4 screws evenly.



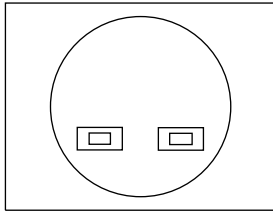
## CHAPTER 4. ELECTRICAL ADJUSTMENT

### [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.	<ul style="list-style-type: none"> <li>Make the following settings.</li> </ul> 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) Check the fixed value. PG-F320W: 0
3	Adjustment of CW index	1) Signal input: Send 256 STEP color bar. (XGA60HZ) 2) Select the following group and subject. Group: ADJUST CW/Auto KS Subject: CW-INDEX.	1) The signal is input into computer 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; margin-top: 10px;">             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) Amplitude level 96% (0.67Vpp) the signal is input into computer 1. (XGA60HZ)	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) 50% gray pattern signal is input into computer 1. (XGA60HZ) 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: $305 \pm 5$ y value: $323 \pm 5$
6	sRGB white balance adjustment	1) 50% gray pattern signal is input into computer 1. (XGA60HZ) 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: $313 \pm 5$ y value: $329 \pm 5$
7	Auto keystone initialization and audio output check	Select the following group and subjects. Group : ADJUST CW/Auto KS Subject : CAL	1) With the set placed on a level surface, press the ENTER key and check that K-SENS value is $0 \pm 3$ . Check that keystone is caused by tilting the unit. 2) 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	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: 125
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: 252
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: 134
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: 139
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.   A diagram of the SMPTE color bar pattern, which consists of a large circle containing two smaller rectangles, one on the left and one on the right, representing the color bars used for color calibration.
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-G-OS V-B-OS	1) V-R-OS is 123. V-G-OS is 123. V-B-OS is 123.
10	White balance checking and readjustment	1) RGB Input sRGB Input VIDEO Input DTV Input DVD Input	1) 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.

No.	Adjusting point	Adjusting conditions	Adjusting procedure												
14	DVI input operation check	1) Send the video signal to the DVI terminal.	1) Check that an image is properly projected through the digital input and analog input.												
15	Monitor out check	1) Send signals to COMPUTER 1 and COMPUTER 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.												
16	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.												
17	USB operation check	1) Connect to a PC with a USB cable.	1) Check that page up/down is enabled using the remote control.												
18	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.												
19	LAN operation check	1) Connect to a PC with a LAN cable.	1) Check that communication is possible.												
20	Delivery settings	1) Make the following settings.  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Destination</th> <th>Process adjustment</th> <th>Remote control adjustment</th> </tr> </thead> <tbody> <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> </tbody> </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. 7.0 or higher to download the firmware.

\* "Skip Boot Loader Area" set to "32KB"

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 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	30	
		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	125
			G-BRIGHT	125
			B-BRIGHT	125
C-R-OS			260	
C-B-OS			260	
DLP		R-BLK	252	
		G-BLK	252	
		B-BLK	252	
		S-R-OS	128	
		S-G-OS	128	
		S-B-OS	128	
VIDEO		V-CONT	134	
		V-BRIGHT	68	
		V-COLOR	139	
		V-HUE	128	
		V-R-OS	123	
		V-G-OS	123	
		V-B-OS	123	
		OFFSET-MODE	0	
		OFFSET-CONT	0	
OFFSET-BRI		0		
MODEL		MODEL-SELECT	0	
CHECK		LED-CHK	0	
	TEMP-OFF	—		
INFO	VERSION	MODEL	—	
		VER.	—	
	PATTERN	RGB	1	
		RGB50	1	
		CORSS	1	
		STEP	1	
		COLOR	1	
		CHR	1	
		INDEX	1	
	LAMP	CURRENT	0	
		HISTORY1	0	
		HISTORY2	0	
		HISTORY3	0	
		HISTORY4	0	
	TOTAL	0		
	TEMP/FAN	TEMP1	—	
		TEMP2	—	
FAN0		3		
FAN1		3		
FAN2		3		

1st Layer	2nd Layer		Default
OTHER	SPECIAL	USB-MODE	0
		HDCP-MODE	0
		PULSE-MODE	0
	EDID	EEP-SELECT	1
		EEP-WP	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	R923	RR-FZA002WJZZ
2	Ballast Control PWB	—	DUNTKE170WEF1
3	Ballast microprocessor	IC7707	RH-iXC305WJZZQ
4	5V regulator	IC7704	VHiTA78L05F-1Y
5	Ballast Switching Control	IC7701	VHiM51995AF-1Y

### 2. Adjustment jigs

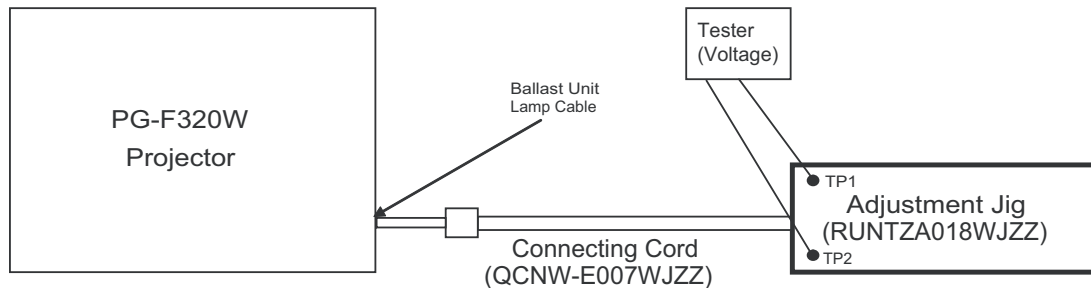
The following jigs are required for adjusting the ballast unit output power (lamp power).

	Part name	Part code
1	Adjustment jig (resistance load 25 Ω)	RUNTZA018WJZZ
2	Connecting cord (conversion cable)	QCNW-E007WJZZ

### 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

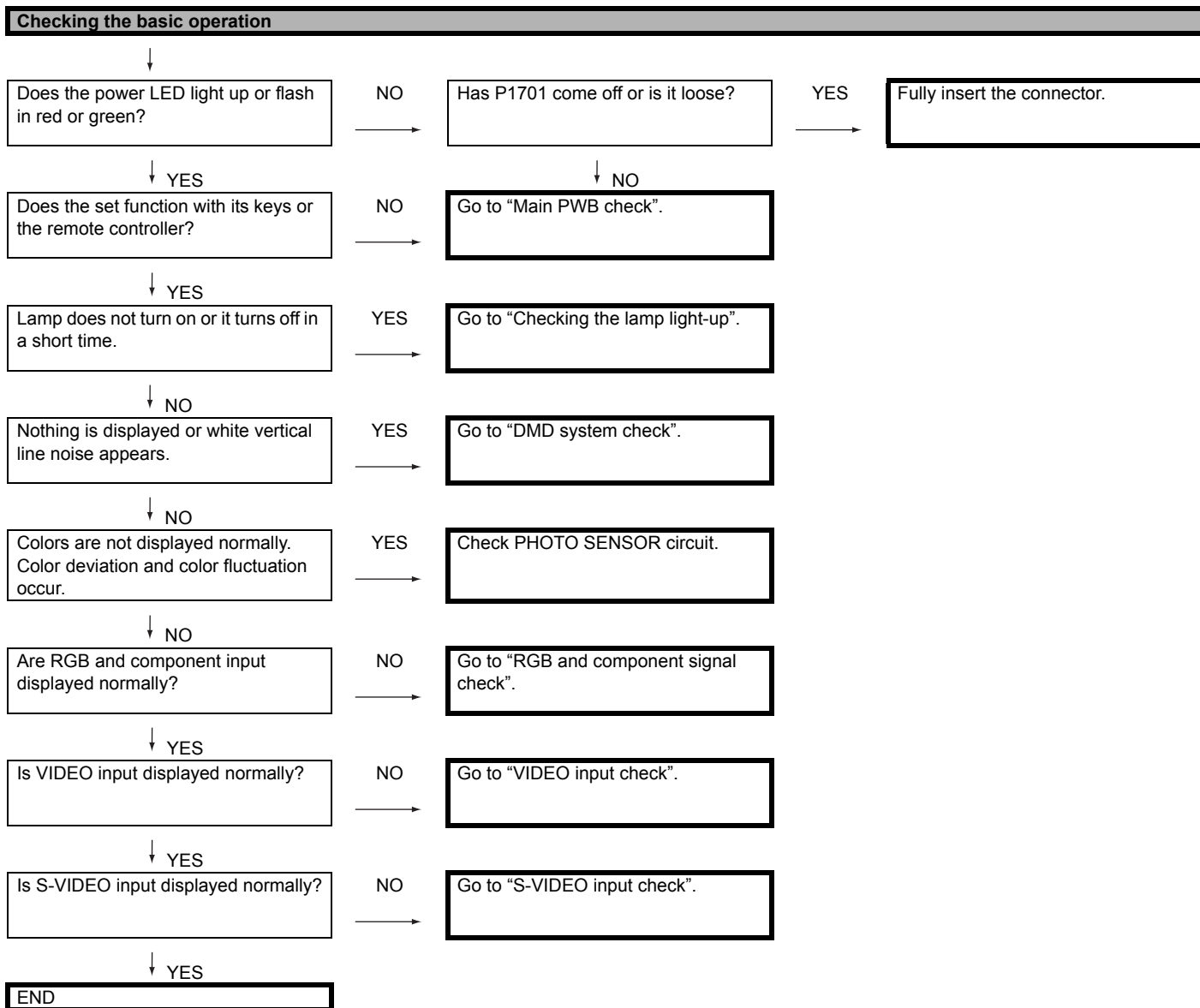
- 1) Unplug the ballast unit lamp cable of the projector from the lamp and connect the cable to the connecting cord (QCNW-E007WJZZ).
- 2) Connect the connecting cord (QCNW-E007WJZZ) to the adjustment jig (RUNTZA018WJZZ).
- 3) Connect TP1 of the adjustment jig (RUNTZA018WJZZ) to the negative terminal of the tester and TP2 to the positive terminal.
- 4) Turn on the projector.
- 5) Check the Lamp setting to "Bright".
- 6) Ageing the projector for 60 seconds or more.
- 7) Adjust the volume resistor (R7805) of the ballast control PWB (DUNTKE170WEF1) so that the voltage of the tester reaches  $83 \pm 0.5V$ .

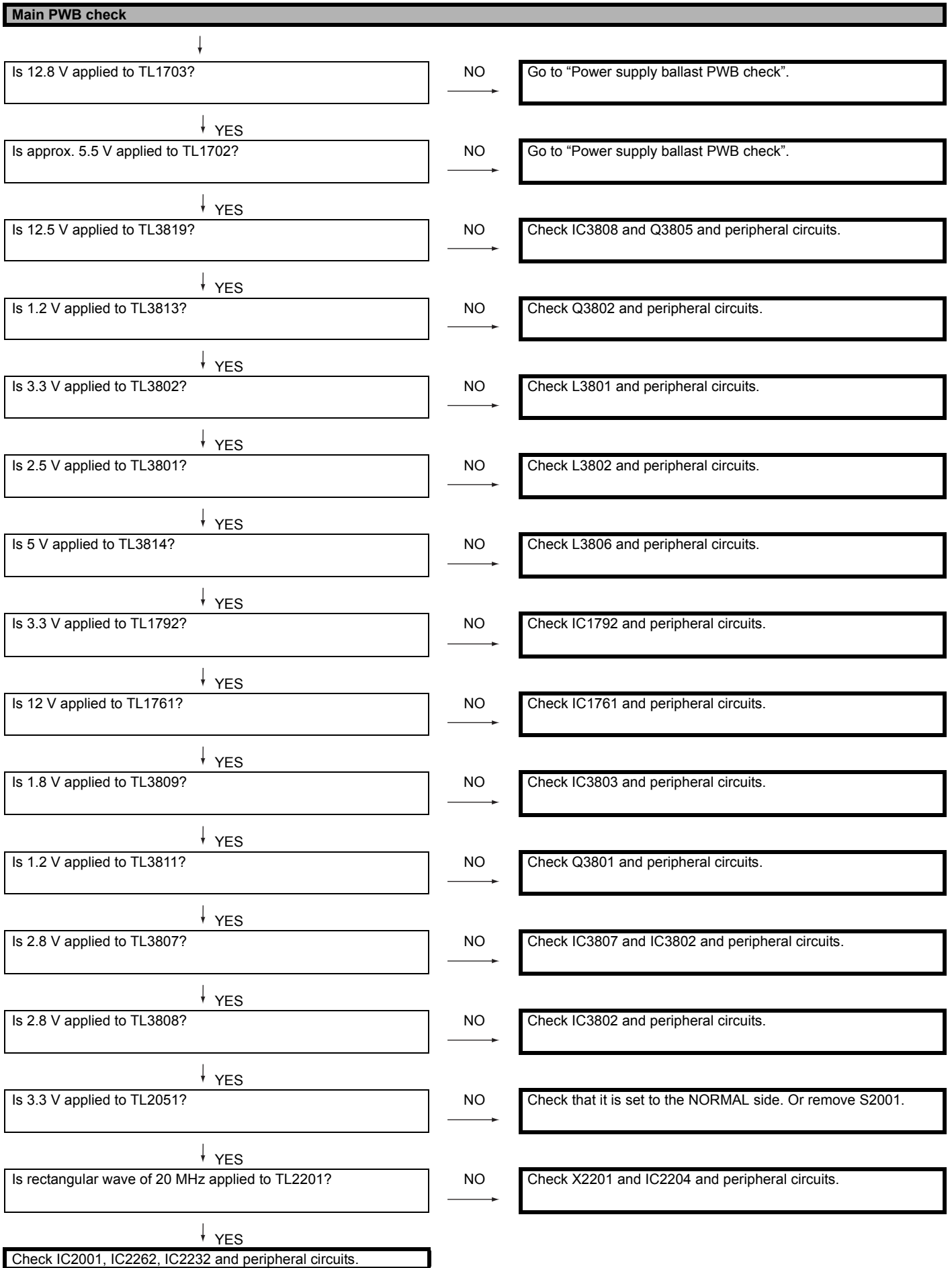
**Adjustment value:  $83 \pm 0.5V$**

- 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 (QCNW-E007WJZZ) are connected securely. Poor connection may cause smoking or ignition due to arc discharge.

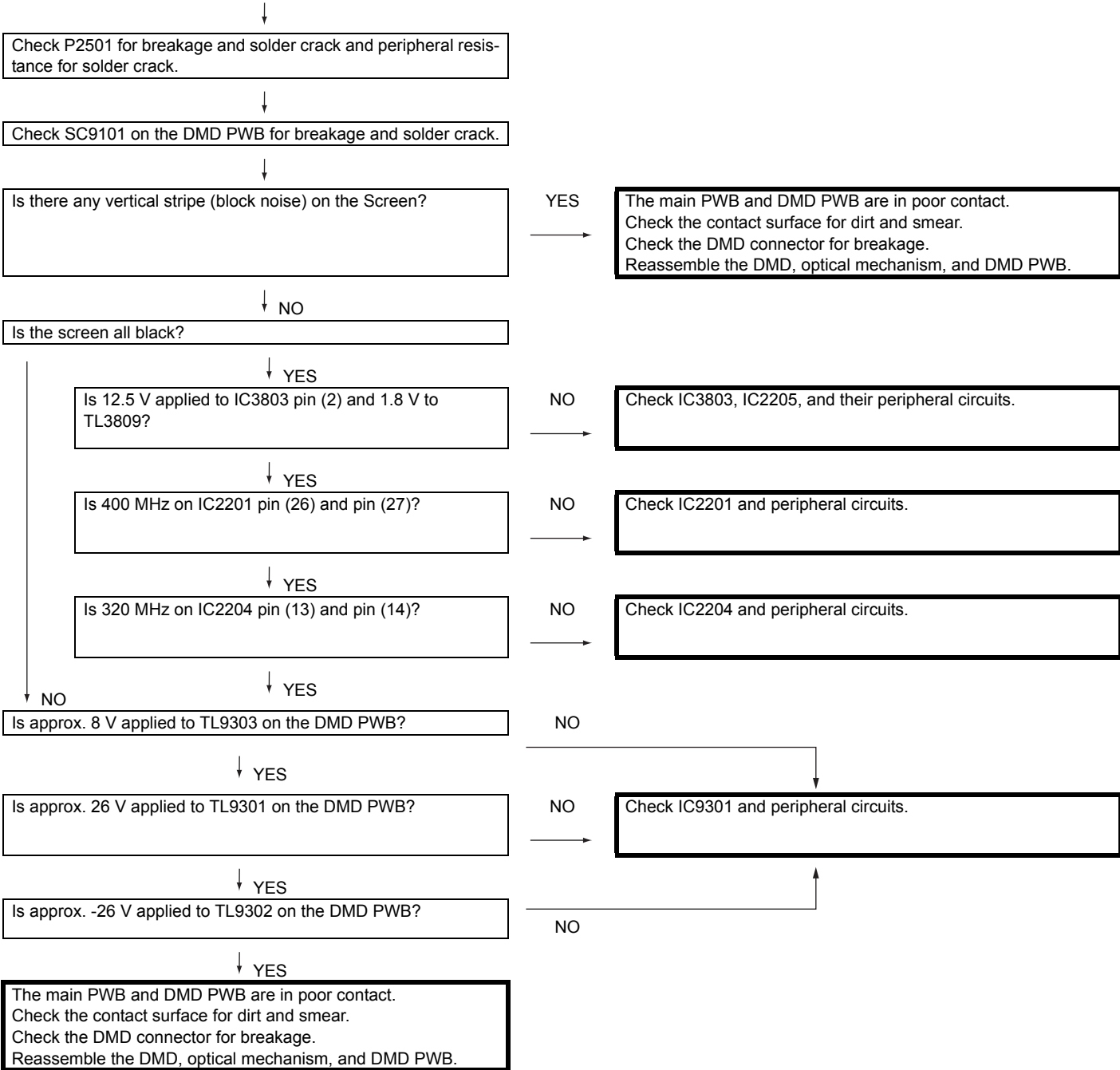
# CHAPTER 5. TROUBLESHOOTING TABLE

## [1] TROUBLESHOOTING TABLE

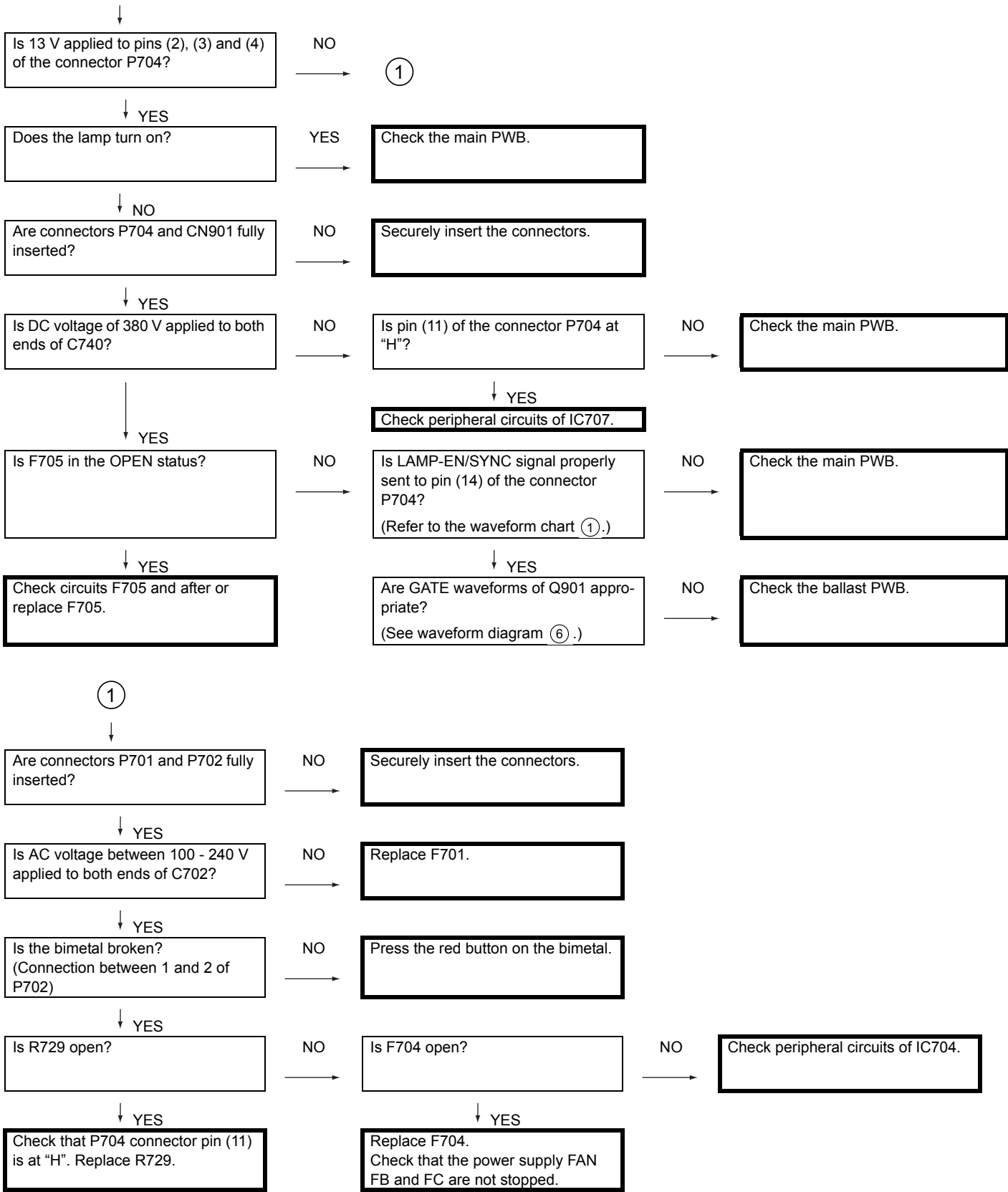




**DMD system check**

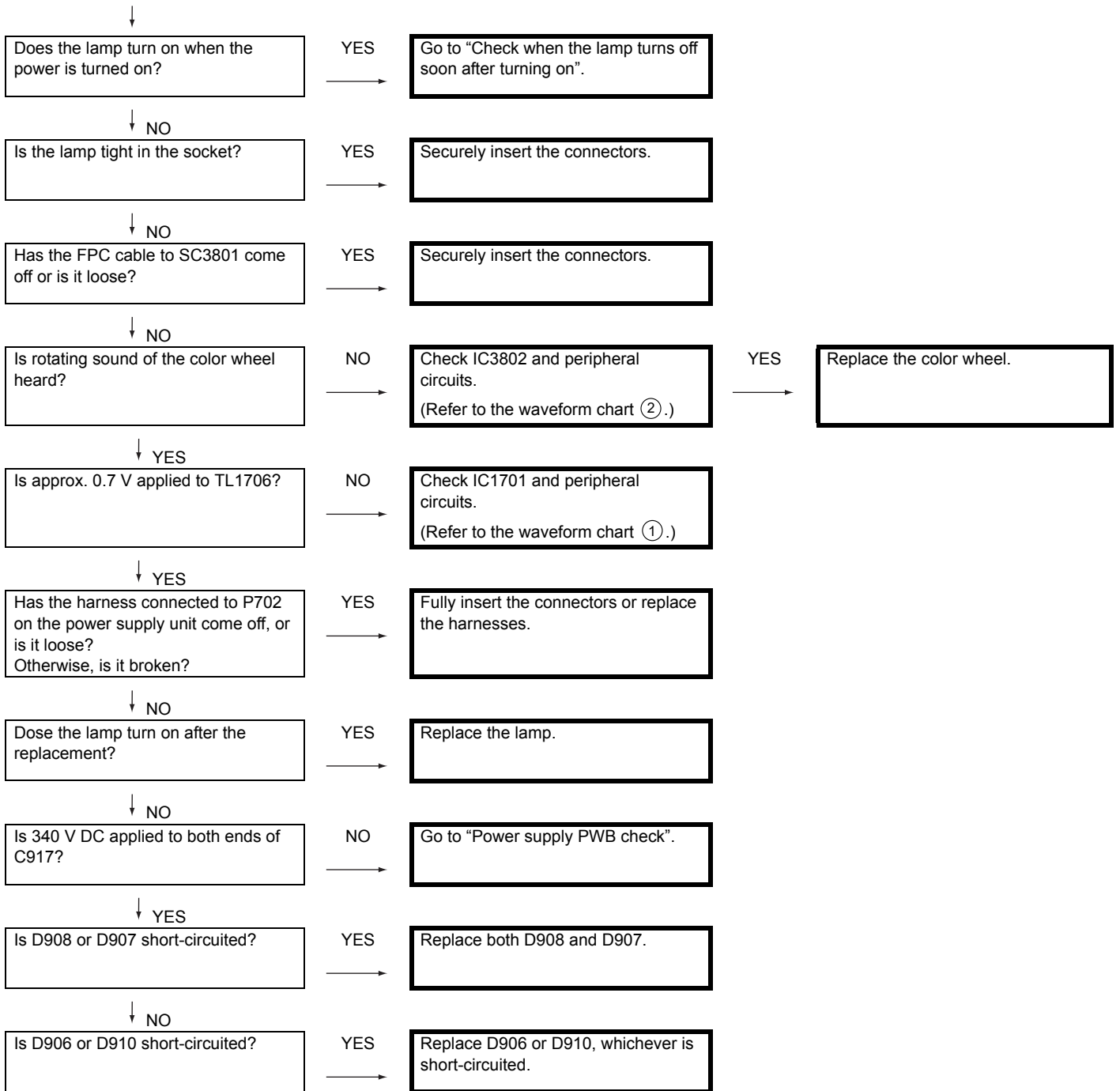


**Power supply PWB check**

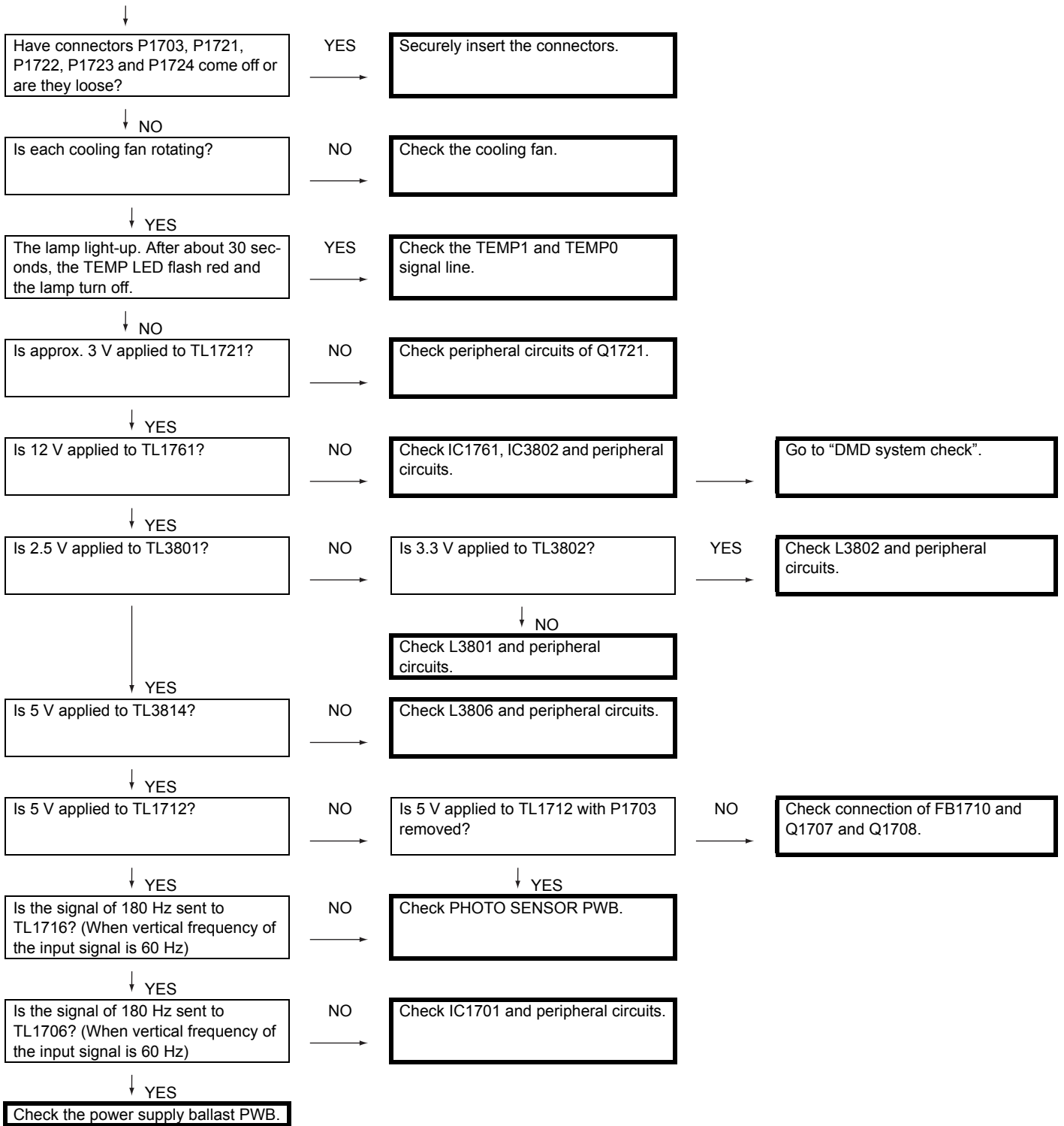




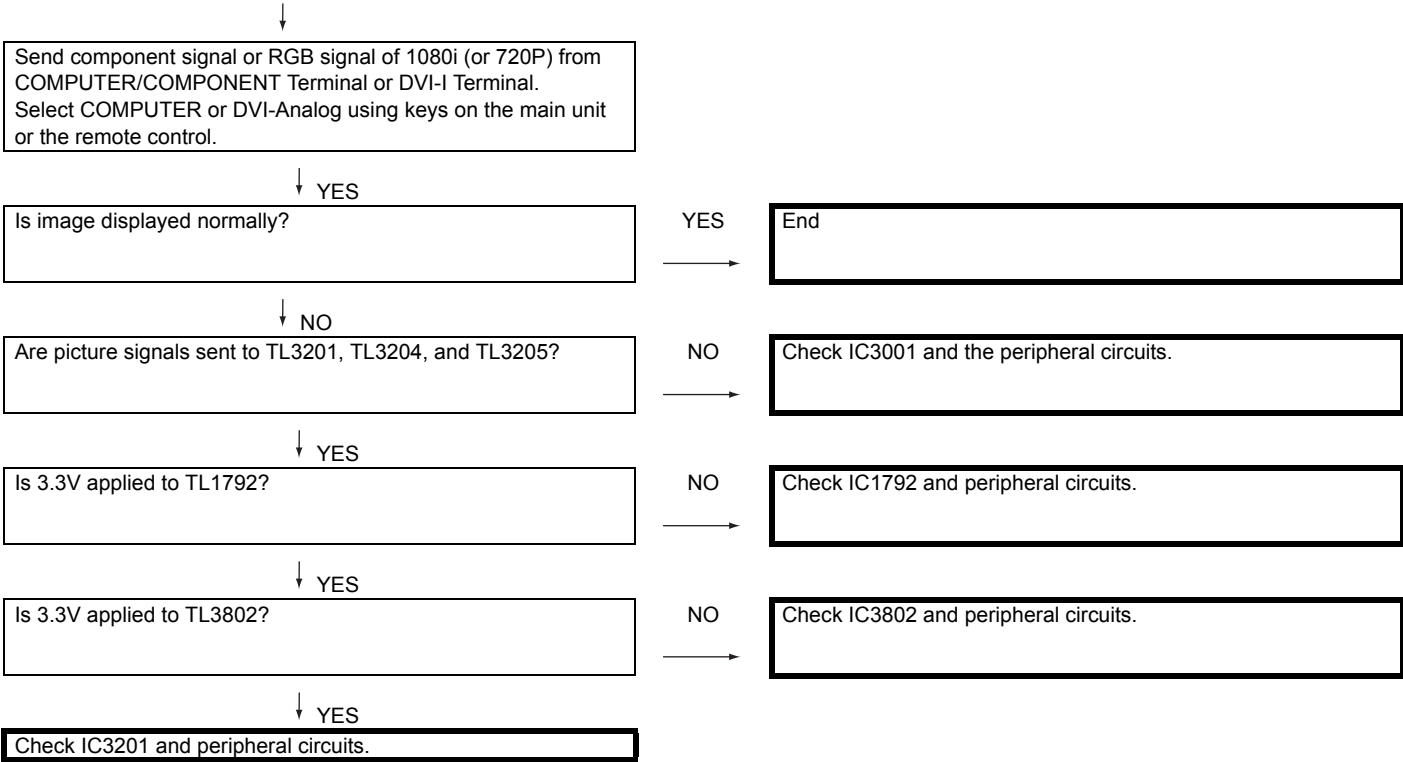
**Checking the lamp light-up**



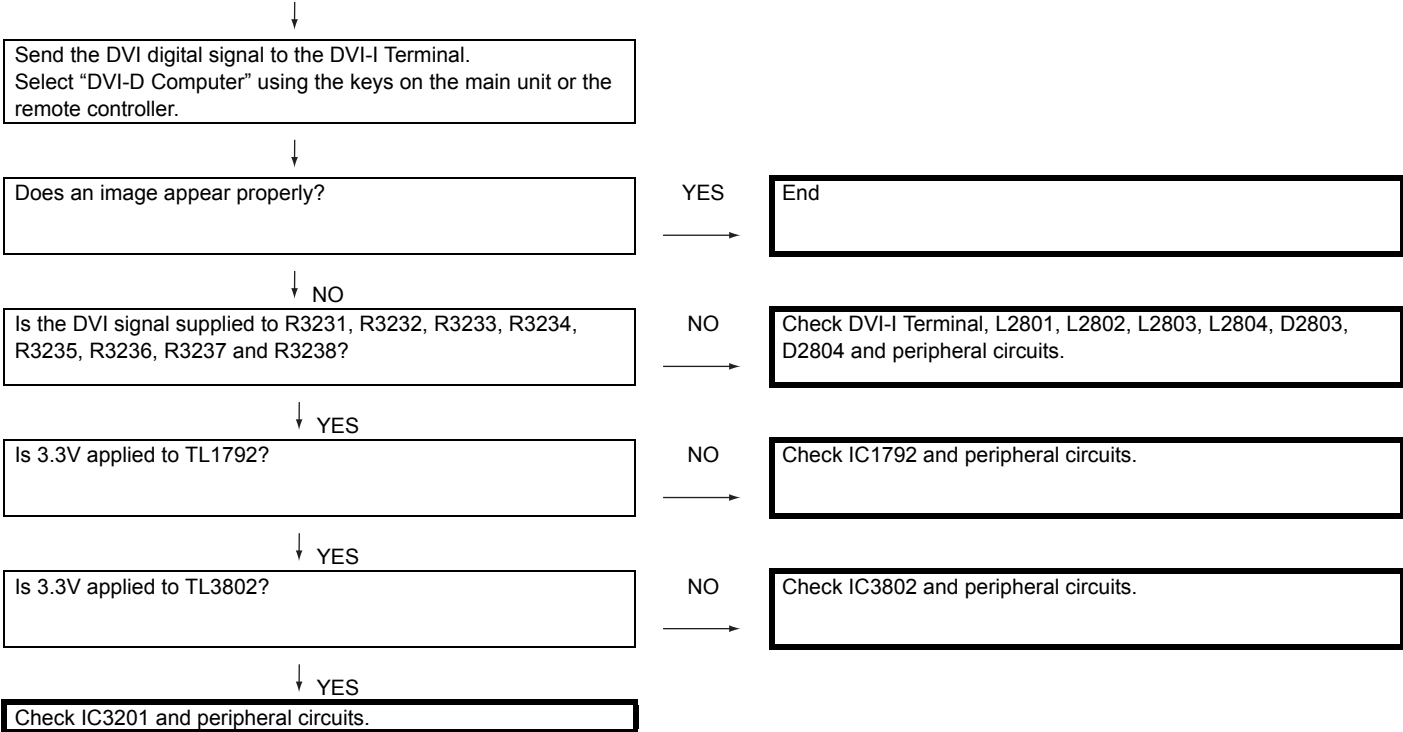
**Check when the lamp turns off soon after turning on**



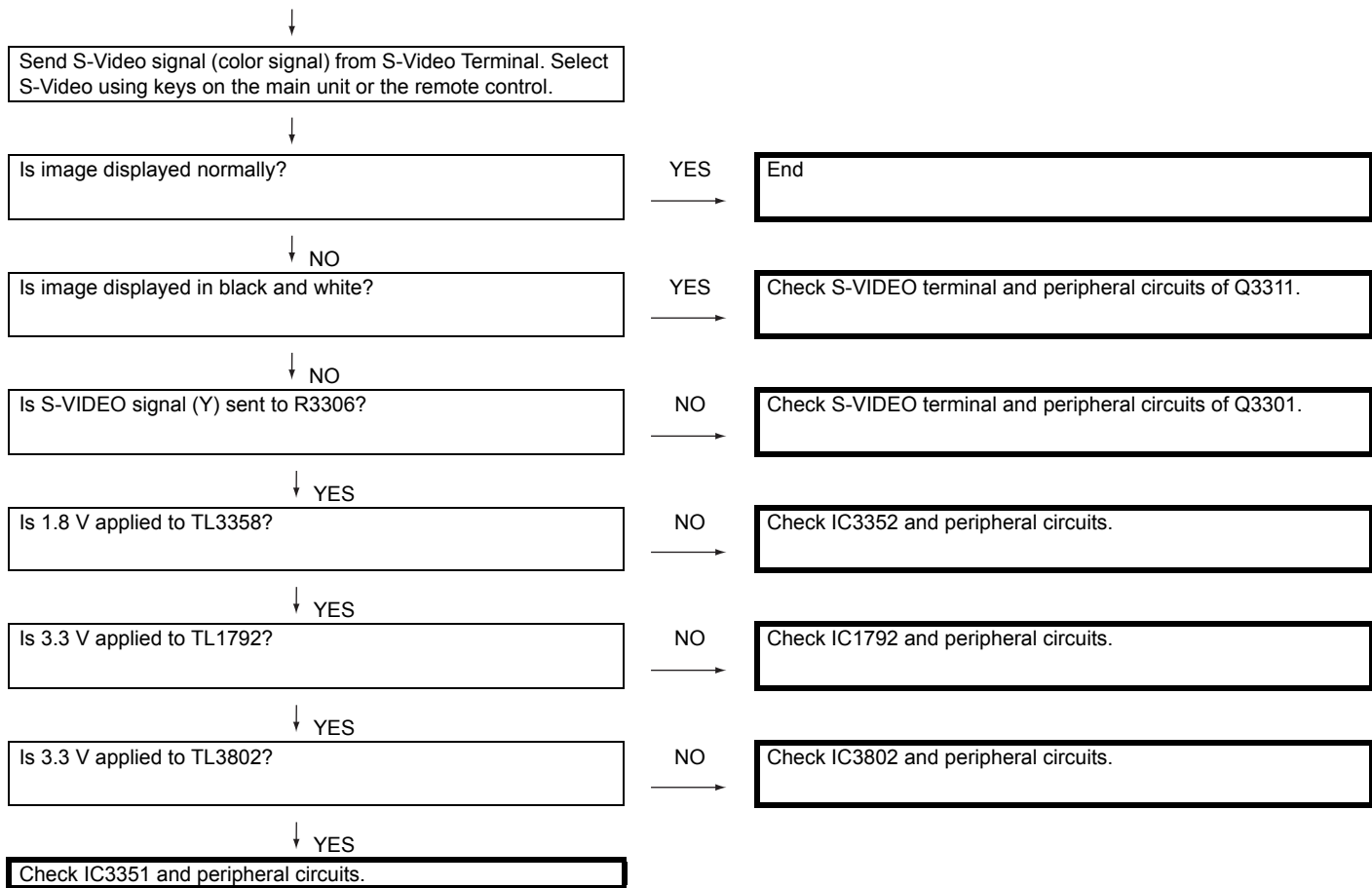
**RGB DVI-Analog and component signal check**



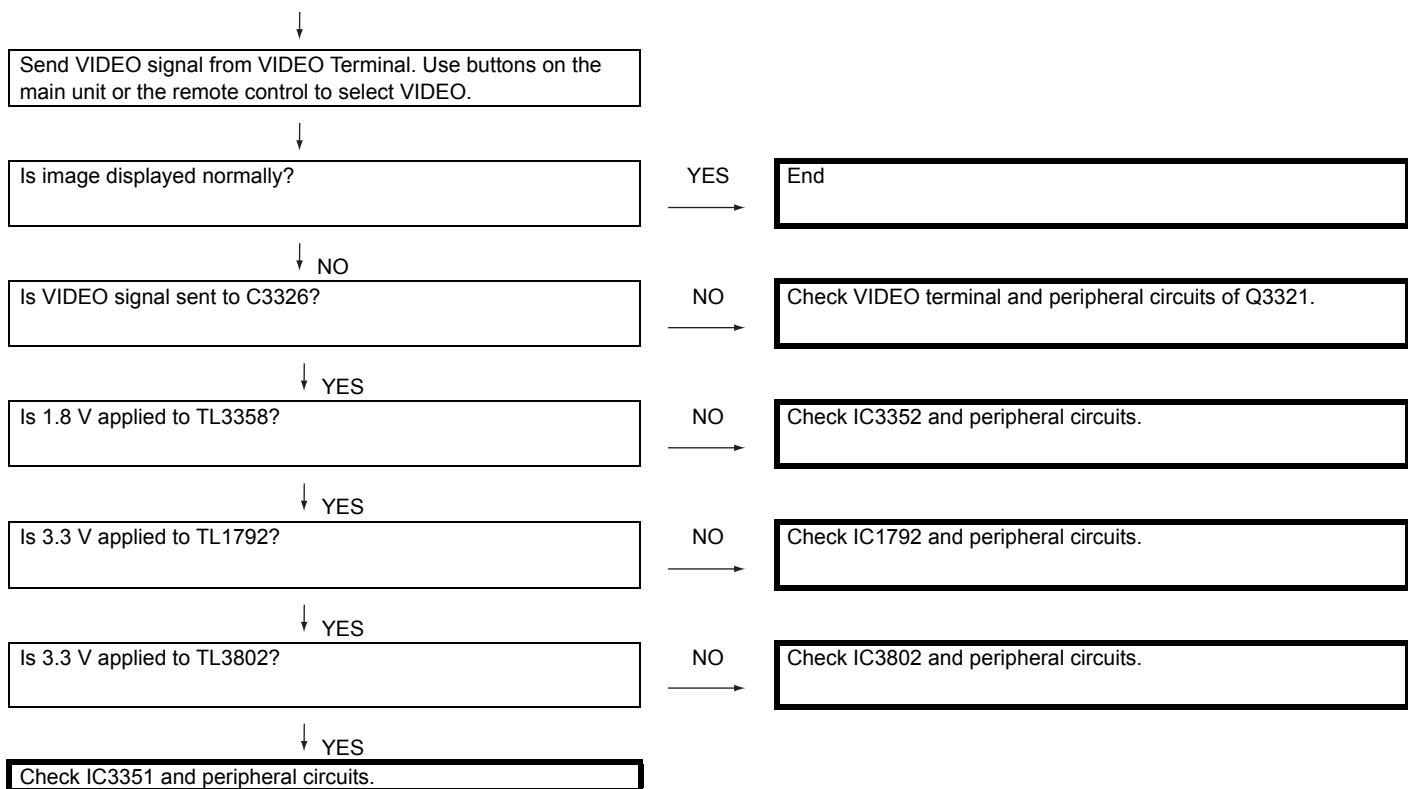
**DVI digital input check**



**S-VIDEO check**



**VIDEO check**



**Checking the LAN**

LAN communication is disabled even though connecting the control PC with a LAN cable. The LINK LED (green) does not light up.

↓ YES

Are the connection of connecting cable and the settings of IP address, sub-net address and default gateway correct?

NO  
→

Check the connecting cable and LAN settings. If the LAN settings are unknown, contact the network administrator. If the network settings cannot be saved, replace IC8003 (EEPROM) as it may be defective.

NOTE: When IC8003 (EEPROM) is replaced, the MAC address returns to default. Refer to "Resetting after replacing IC8003 (EEPROM)" to reset.

↓ YES

Are the network device (e.g. Hub) between the control PC and cable normal?

NO  
→

Repair defective parts in the network.

↓ YES

When data is sent from the control PC, do pins (30) and (31) of IC8201 (PHY receiver) receive signals?

NO  
→

Check the peripheral circuit of J8201 (RJ-45 jack with built-in transformer).

↓ YES

Check the PHY receiver IC8201 and the peripheral circuits of the microprocessor IC8001.

# CHAPTER 6. MAJOR IC INFORMATION

## [1] MAJOR IC INFORMATION

### 1. Resetting after replacing IC8003 (EEPROM)

MAC address returns to default. Follow the steps below to reset.

- ① Open the top cabinet of the projector and confirm the MAC address (MAC: \*\*\*\*\*) of the seal on the PWB.
- ② Connect the control PC and projector with a RS-232C cable.
- ③ Turn on the AC power supply.
- ④ EEP ROM returns to default.
- ⑤ Turn off the AC power supply and turn on again.
- ⑥ Set MAC address by using the RS-232C command. (Refer to "MAC address setting" for the setting procedure.)
- ⑦ Enter 

__	L	M	A	__	__	__	1
----	---	---	---	----	----	----	---

 and check the response.  
Check that it is the same as the set MAC address.
- ⑧ Setting is completed.

#### MAC address setting

RS-232C commands to be used

__	L	M	A	0	0	*1	*2	*1	1st byte of the MAC address	*2	2nd byte of the MAC address
__	L	M	A	1	0	*3	*4	*3	3rd byte of the MAC address	*4	4th byte of the MAC address
__	L	M	A	2	0	*5	*6	*5	5th byte of the MAC address	*6	6th byte of the MAC address
__	L	M	A	3	0	*7	*8	*7	7th byte of the MAC address	*8	8th byte of the MAC address
__	L	M	A	4	0	*9	*10	*9	9th byte of the MAC address	*10	10th byte of the MAC address
__	L	M	A	5	0	*11	*12	*11	11th byte of the MAC address	*12	12th byte of the MAC address

- ① Enter 

__	L	M	A	0	0	*1	*2
----	---	---	---	---	---	----	----

 and [\*2], and press "ENTER".  
Responds "OK".
- ② Enter 

__	L	M	A	1	0	*3	*4
----	---	---	---	---	---	----	----

 and [\*2], and press "ENTER".  
Responds "OK".
- ③ Enter 

__	L	M	A	2	0	*5	*6
----	---	---	---	---	---	----	----

 and [\*2], and press "ENTER".  
Responds "OK".
- ④ Enter 

__	L	M	A	3	0	*7	*8
----	---	---	---	---	---	----	----

 and [\*2], and press "ENTER".  
Responds "OK".
- ⑤ Enter 

__	L	M	A	4	0	*9	*10
----	---	---	---	---	---	----	-----

 and [\*2], and press "ENTER".  
Responds "OK".-
- ⑥ Enter 

__	L	M	A	5	0	*11	*12
----	---	---	---	---	---	-----	-----

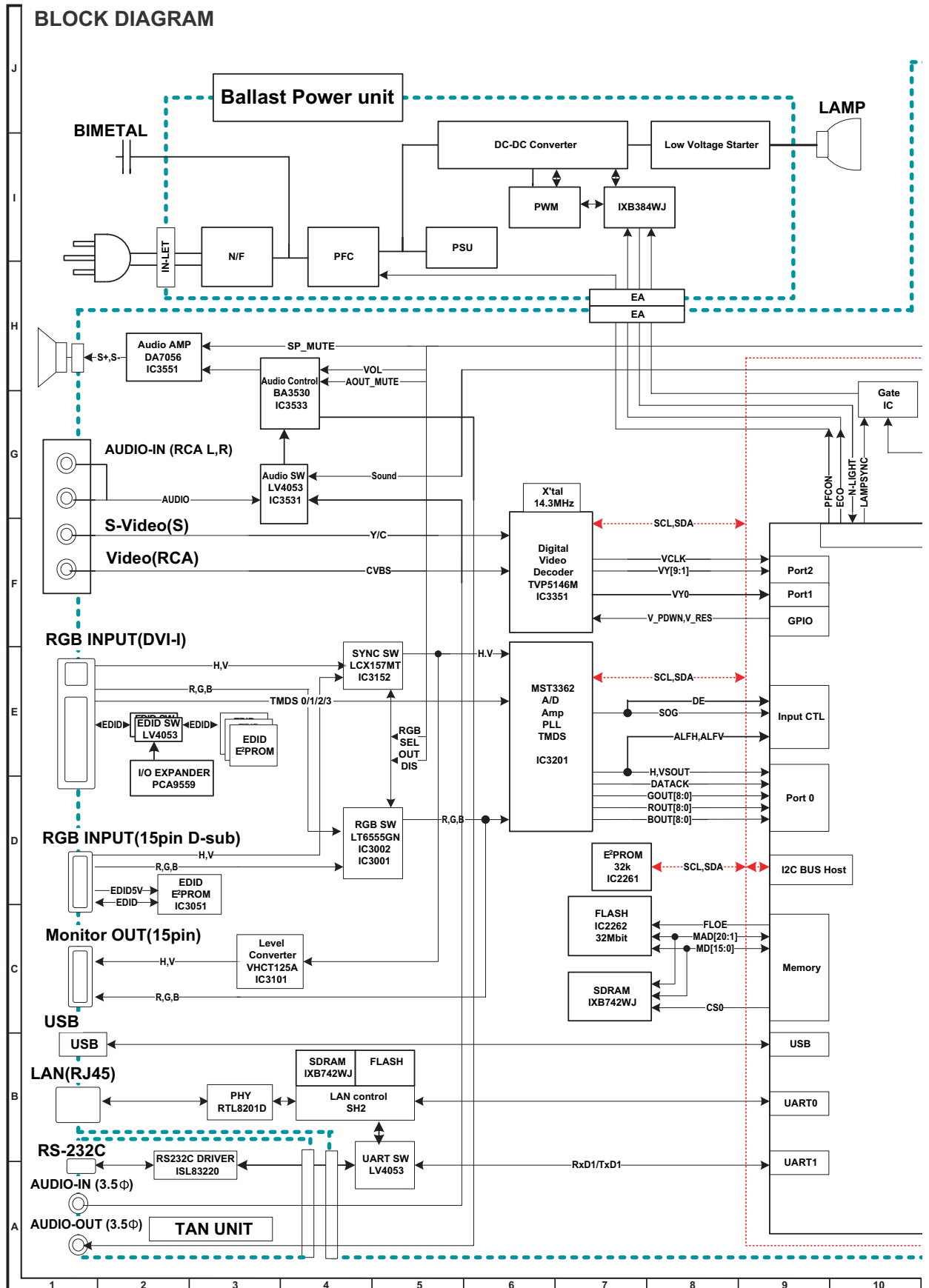
 and [\*2], and press "ENTER".

MAC address setting is completed.

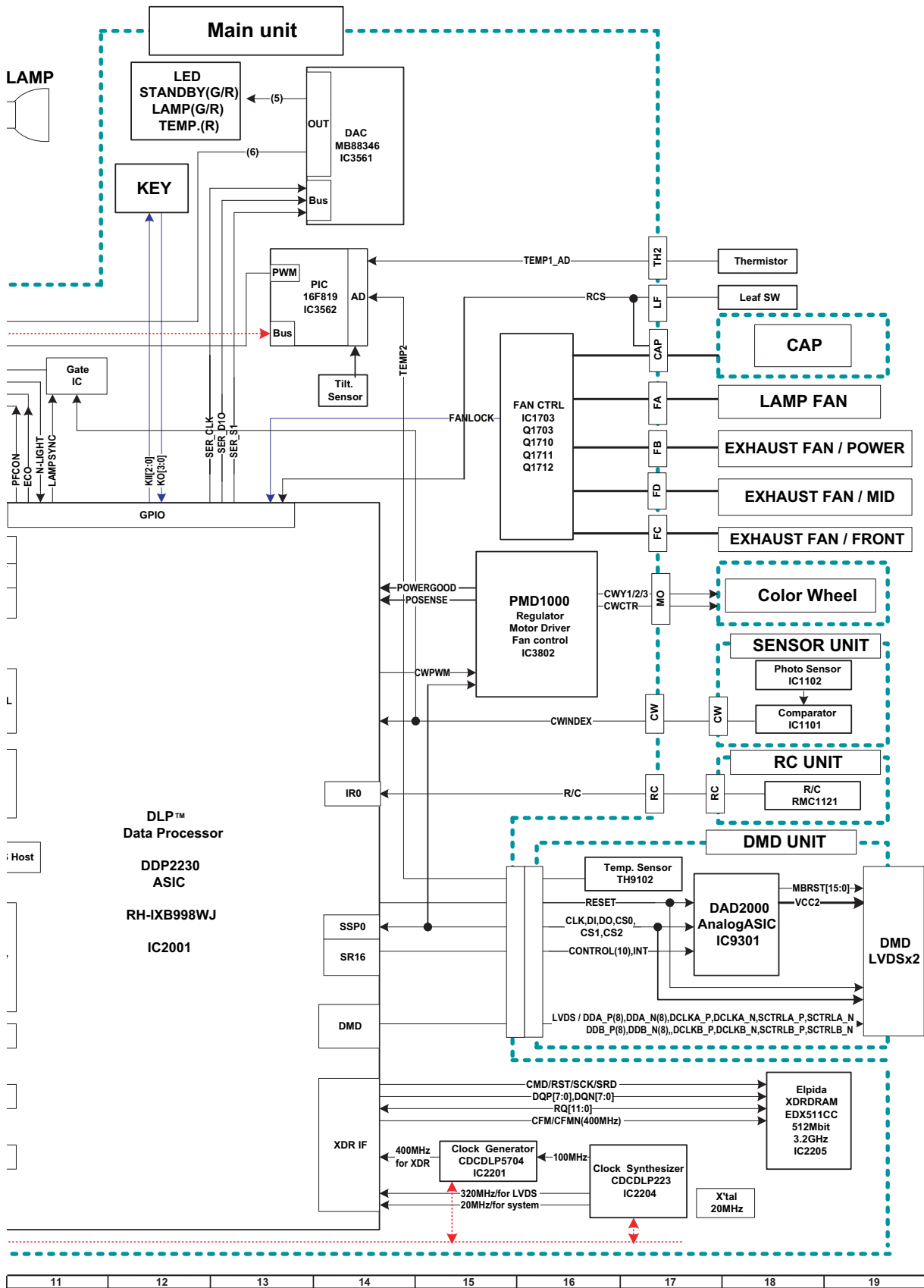


# CHAPTER 7. BLOCK DIAGRAM/OVERALL WIRING DIAGRAM

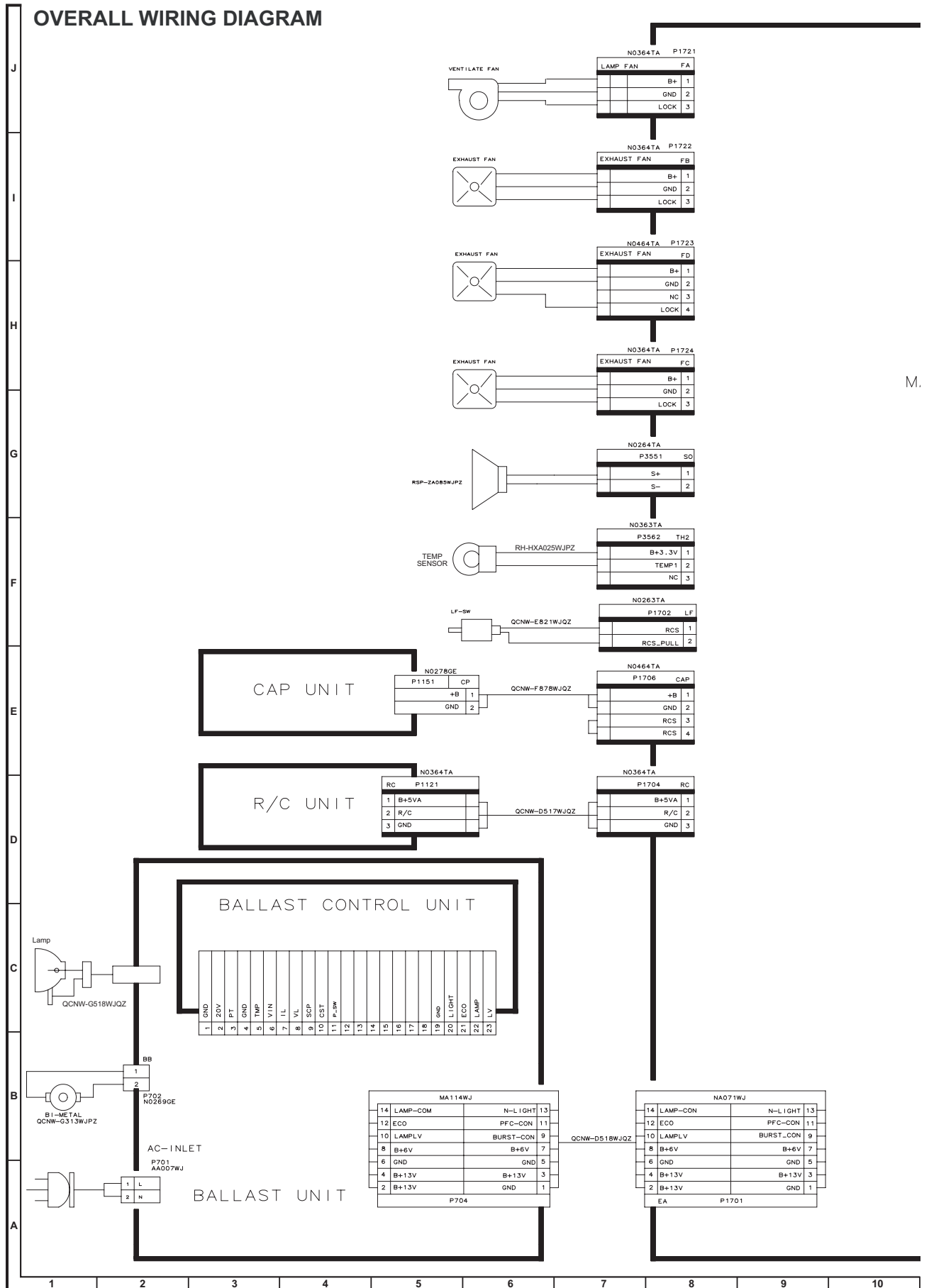
## [1] BLOCK DIAGRAM



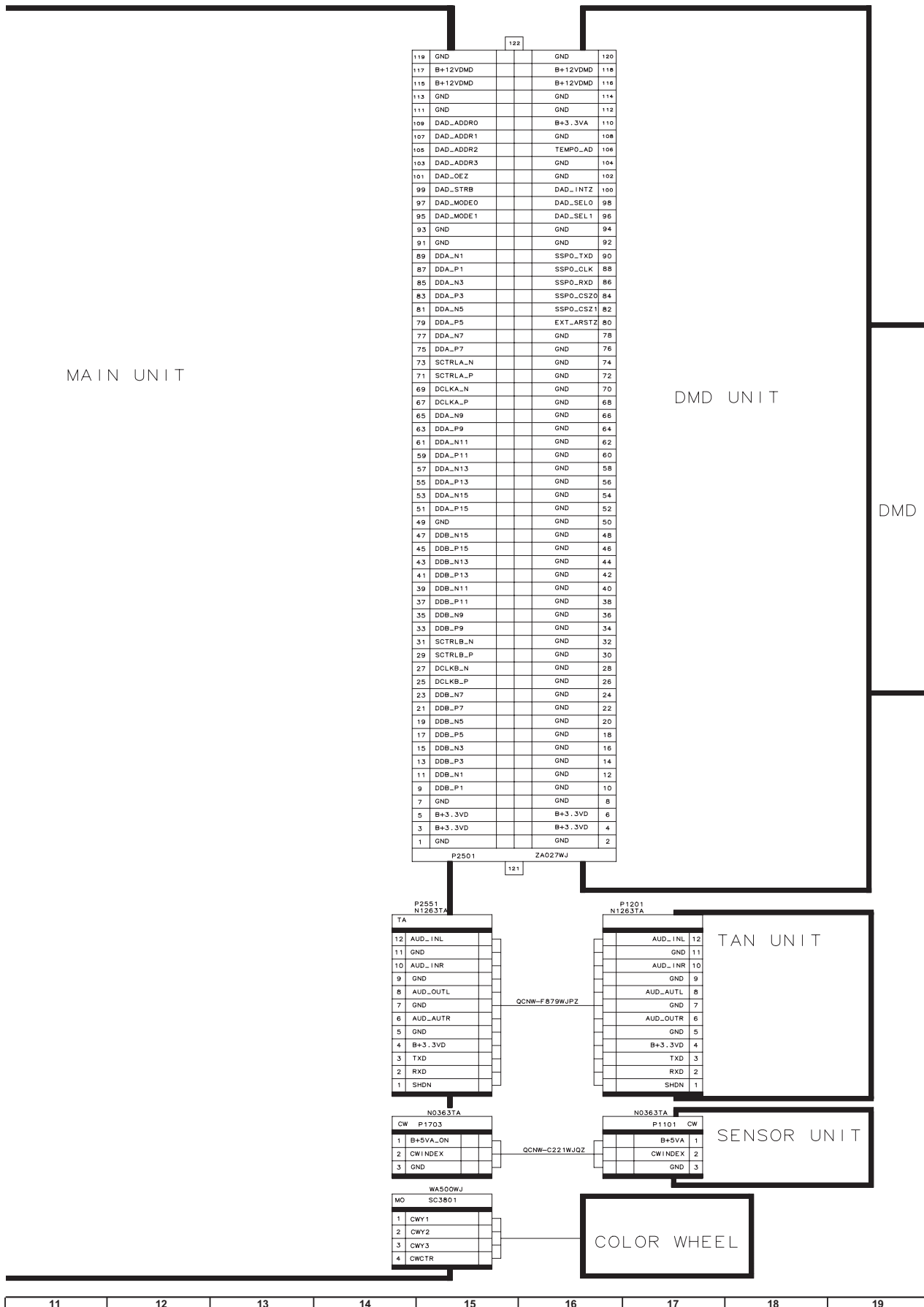




[2] OVERALL WIRING DIAGRAM



M.



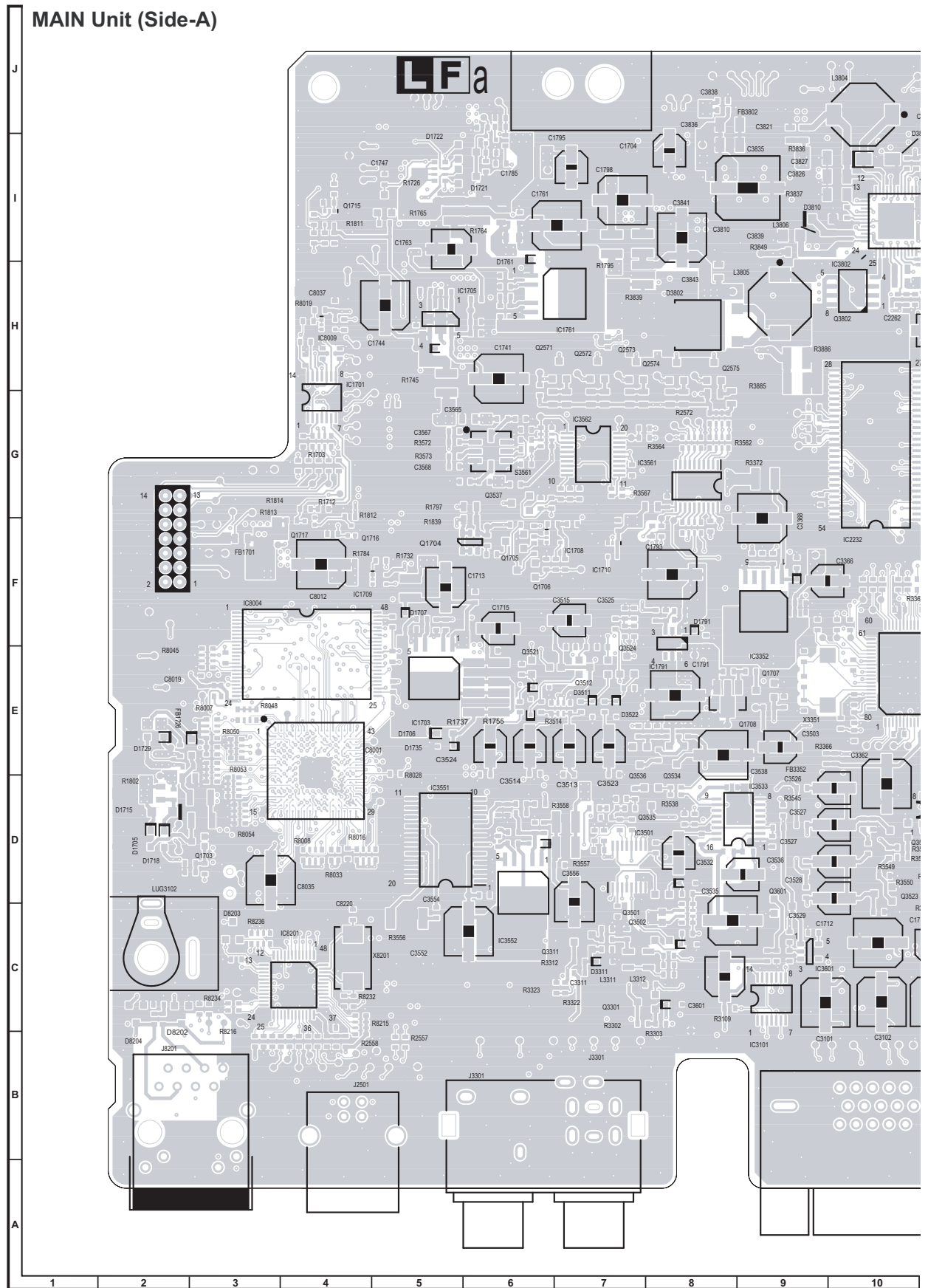
118	GND		GND	120
117	B+12VDMD		B+12VDMD	118
115	B+12VDMD		B+12VDMD	116
113	GND		GND	114
111	GND		GND	112
109	DAD_ADDR0		B+3_3VA	110
107	DAD_ADDR1		GND	108
105	DAD_ADDR2		TEMPO_AD	106
103	DAD_ADDR3		GND	104
101	DAD_CEZ		GND	102
99	DAD_STRB		DAD_INTZ	100
97	DAD_MODE0		DAD_SELO	98
95	DAD_MODE1		DAD_SEL1	96
93	GND		GND	94
91	GND		GND	92
89	DDA_N1		SSPO_TXD	90
87	DDA_P1		SSPO_CLK	88
85	DDA_N3		SSPO_RXD	86
83	DDA_P3		SSPO_CSZO	84
81	DDA_N5		SSPO_CSZ1	82
79	DDA_P5		EXT_ARSTZ	80
77	DDA_N7		GND	78
75	DDA_P7		GND	76
73	SCTRLA_N		GND	74
71	SCTRLA_P		GND	72
69	DCLKA_N		GND	70
67	DCLKA_P		GND	68
65	DDA_N9		GND	66
63	DDA_P9		GND	64
61	DDA_N11		GND	62
59	DDA_P11		GND	60
57	DDA_N13		GND	58
55	DDA_P13		GND	56
53	DDA_N15		GND	54
51	DDA_P15		GND	52
49	GND		GND	50
47	DDB_N15		GND	48
45	DDB_P15		GND	46
43	DDB_N13		GND	44
41	DDB_P13		GND	42
39	DDB_N11		GND	40
37	DDB_P11		GND	38
35	DDB_N9		GND	36
33	DDB_P9		GND	34
31	SCTRLB_N		GND	32
29	SCTRLB_P		GND	30
27	DCLKB_N		GND	28
25	DCLKB_P		GND	26
23	DDB_N7		GND	24
21	DDB_P7		GND	22
19	DDB_N5		GND	20
17	DDB_P5		GND	18
15	DDB_N3		GND	16
13	DDB_P3		GND	14
11	DDB_N1		GND	12
9	DDB_P1		GND	10
7	GND		GND	8
5	B+3_3VD		B+3_3VD	6
3	B+3_3VD		B+3_3VD	4
1	GND		GND	2

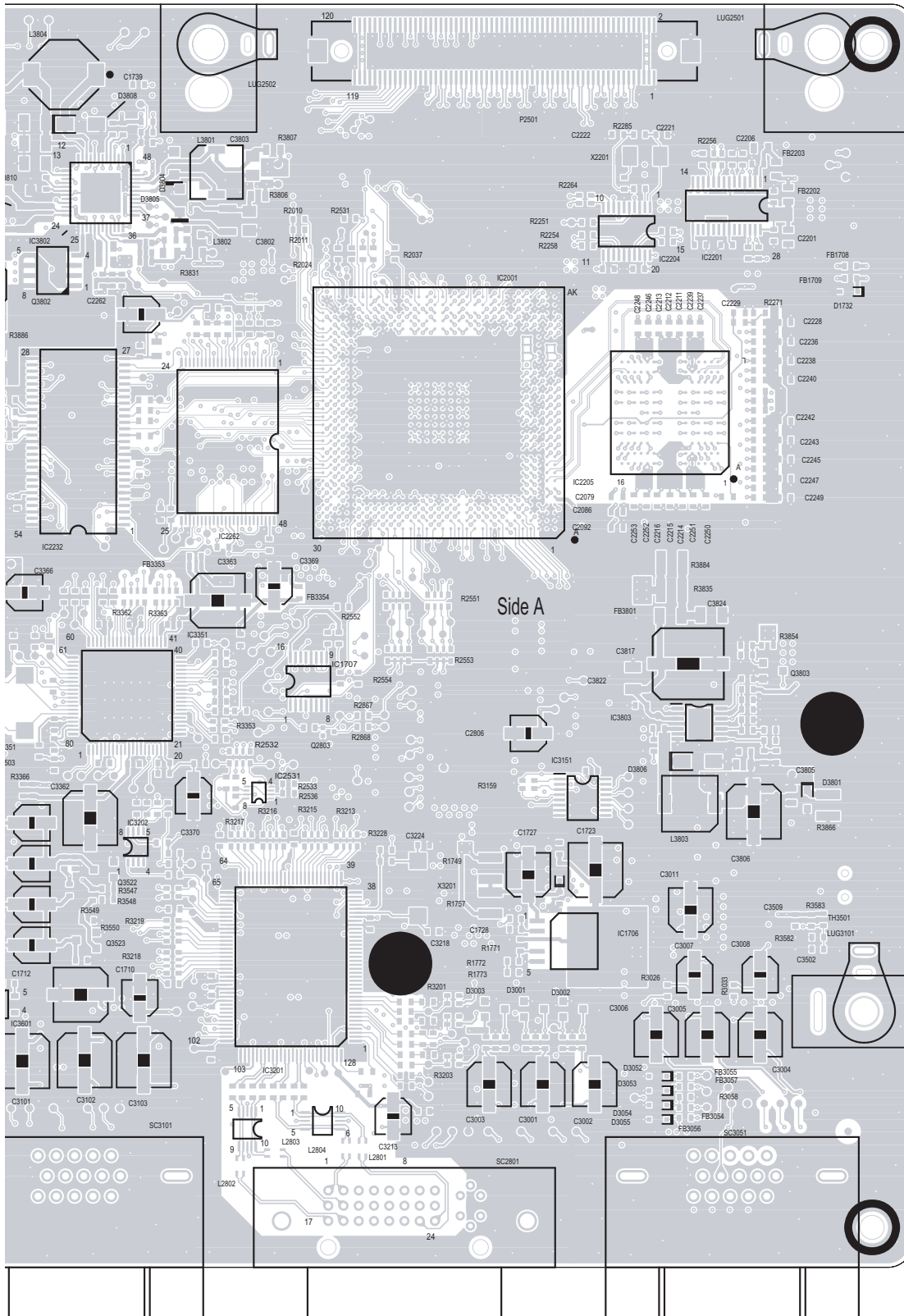
P2501		ZA027WJ	
P2551		N1263TA	
12	AUD_I_NL		
11	GND		
10	AUD_I_NR		
9	GND		
8	AUD_OUTL		
7	GND		
6	AUD_OUTR		
5	GND		
4	B+3_3VD		
3	TXD		
2	RXD		
1	SHDN		
N0363TA		P1703	
1	B+5VA_ON		
2	CWINDEX		
3	GND		
N0363TA		P1101	
12	AUD_I_NL		
11	GND		
10	AUD_I_NR		
9	GND		
8	AUD_OUTL		
7	GND		
6	AUD_OUTR		
5	GND		
4	B+3_3VD		
3	TXD		
2	RXD		
1	SHDN		
N0363TA		P1101	
1	B+5VA		
2	CWINDEX		
3	GND		
N0363TA		P1101	
1	B+5VA		
2	CWINDEX		
3	GND		
WAS00WJ		SC3801	
1	CWY1		
2	CWY2		
3	CWY3		
4	CWCTR		

11	12	13	14	15	16	17	18	19
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# CHAPTER 8. PRINTED WIRING BOARD

## [1] MAIN Unit

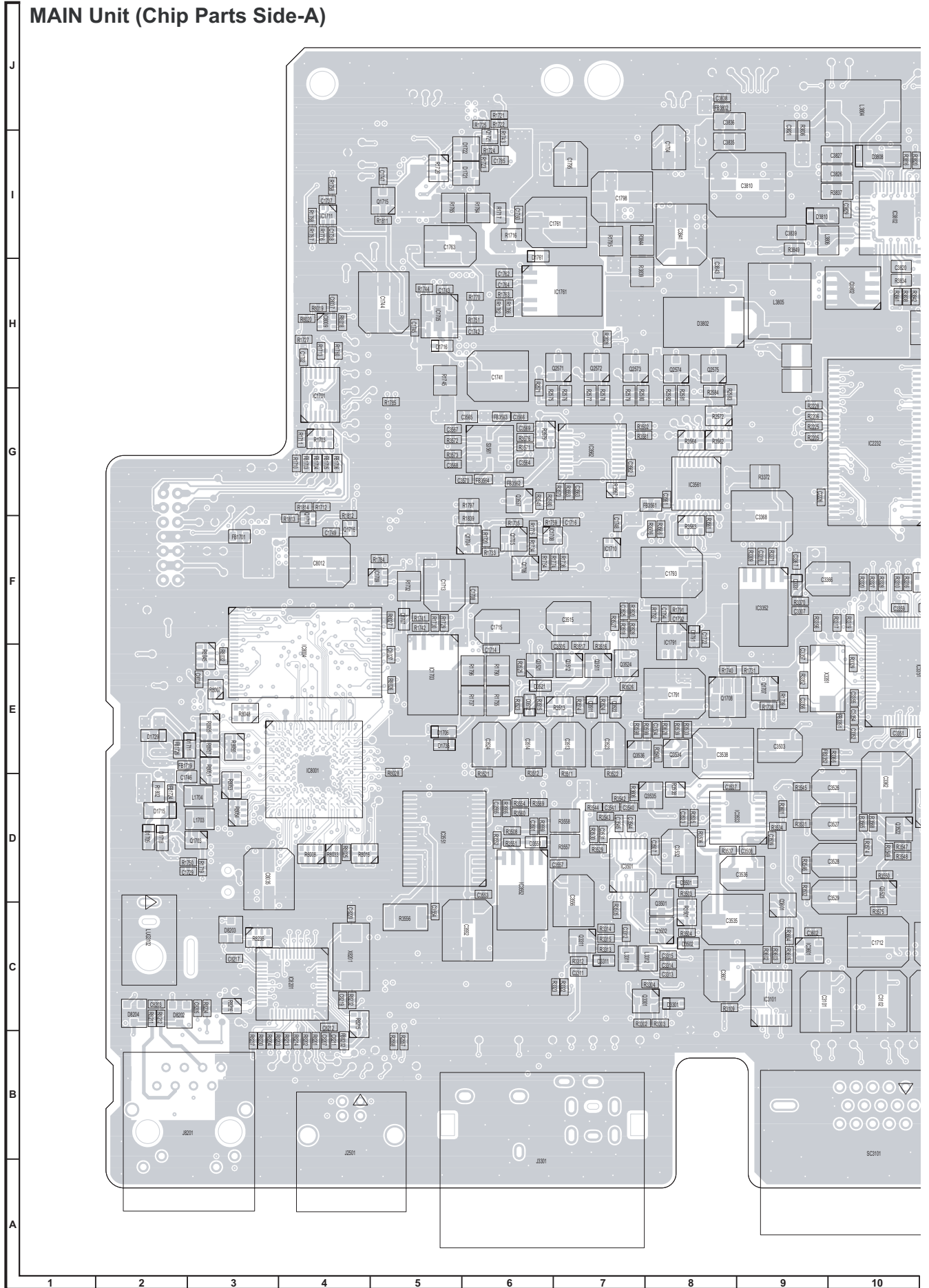




Side A

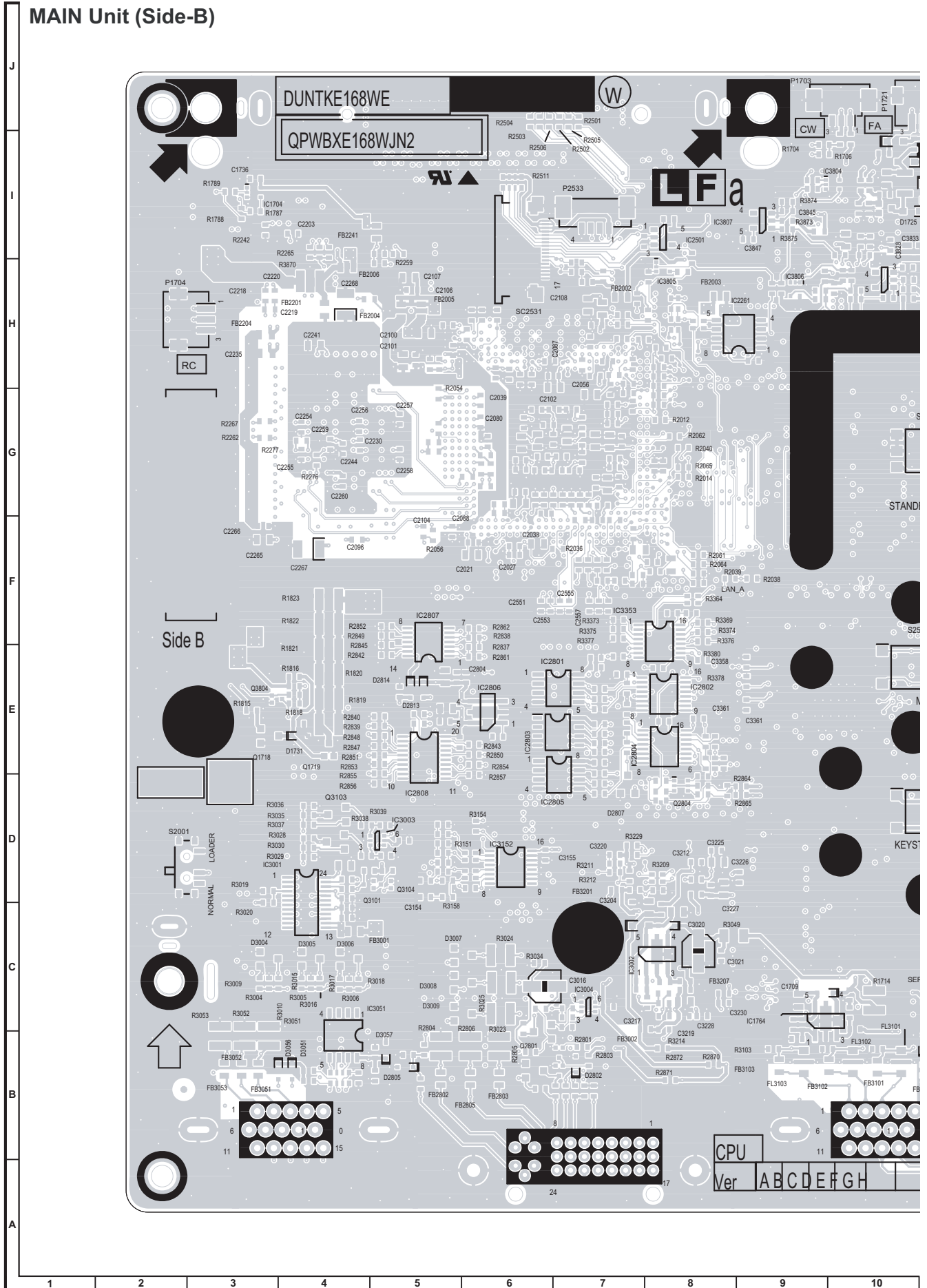
11	12	13	14	15	16	17	18	19
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# MAIN Unit (Chip Parts Side-A)

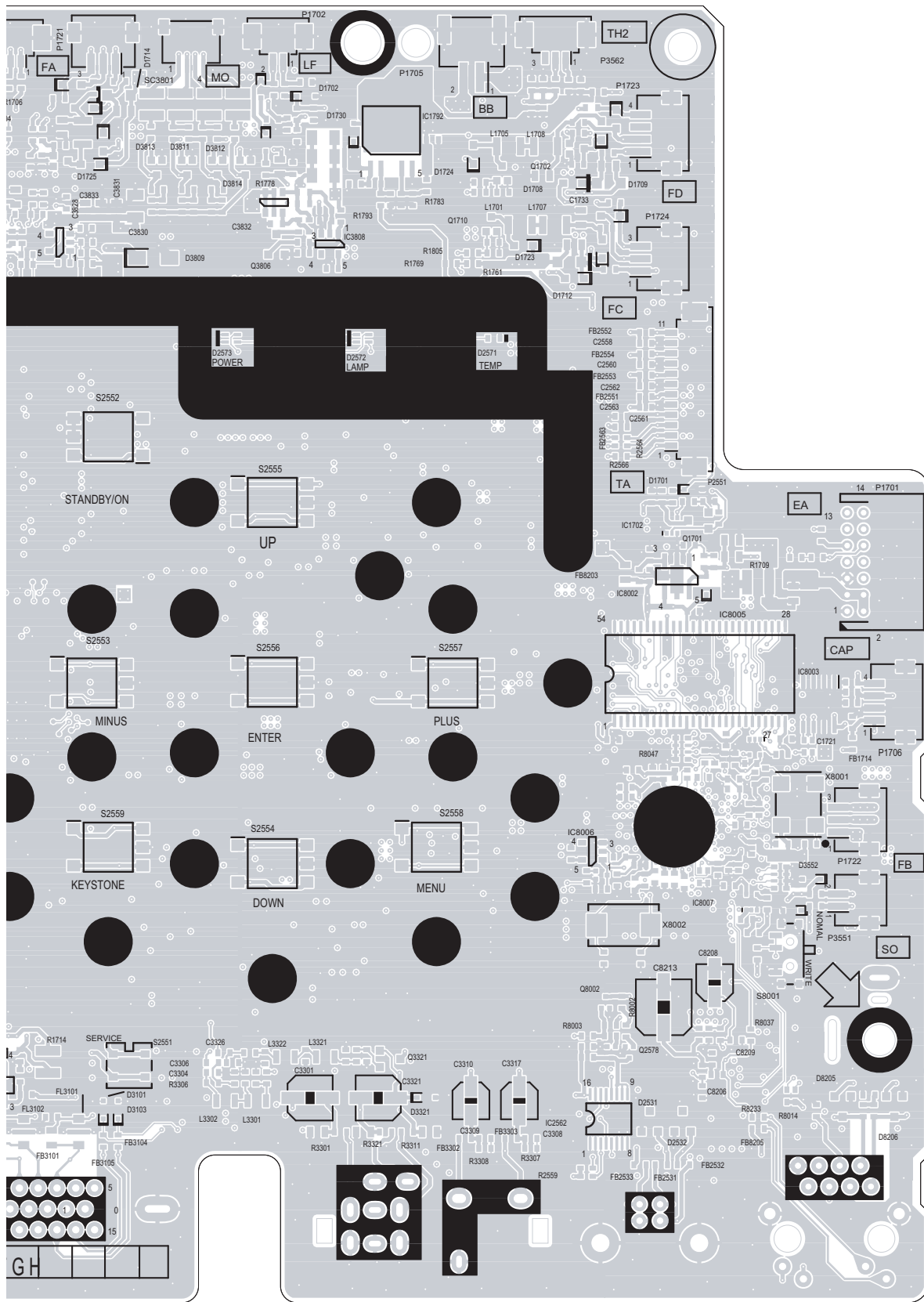




MAIN Unit (Side-B)

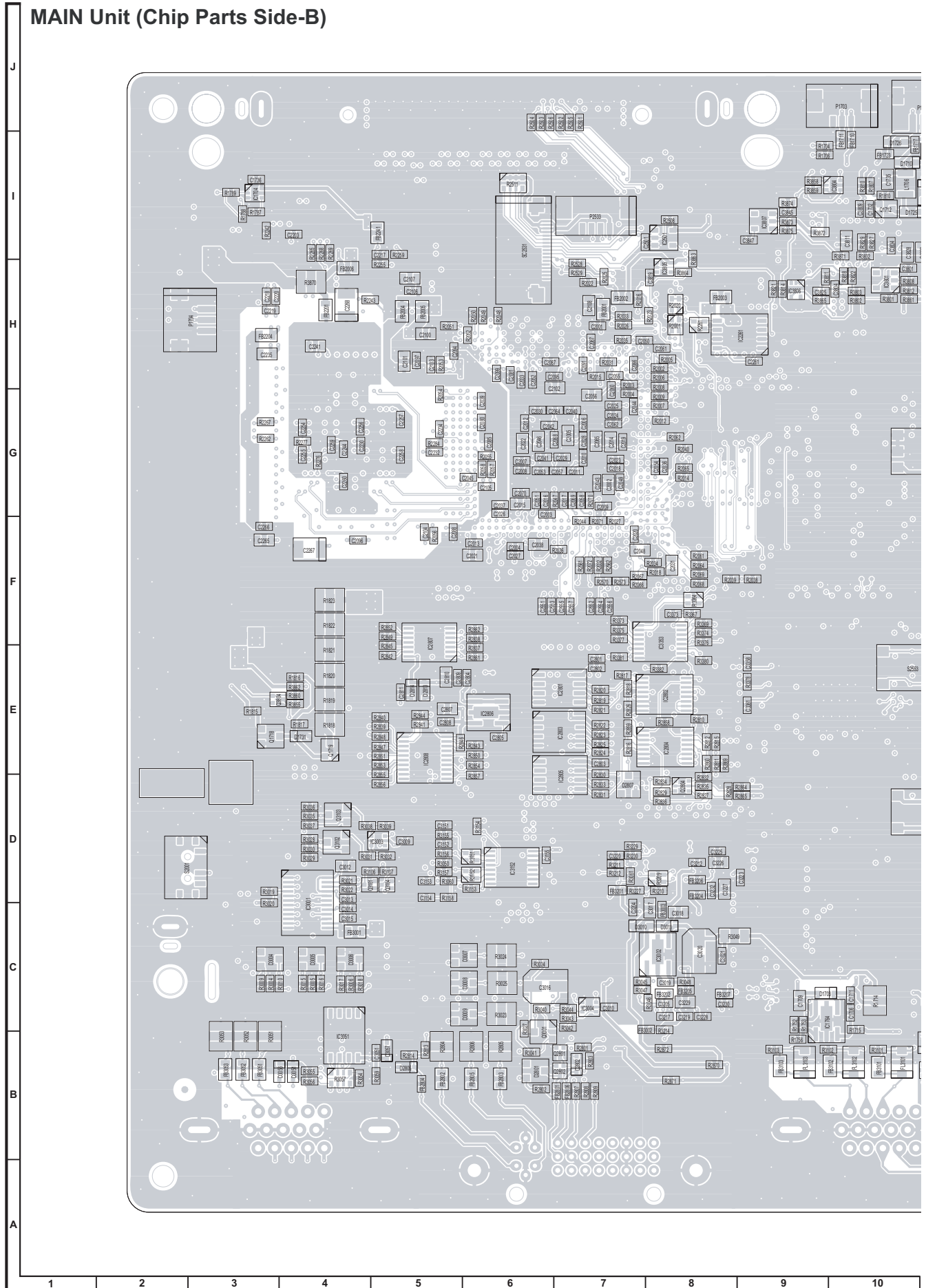


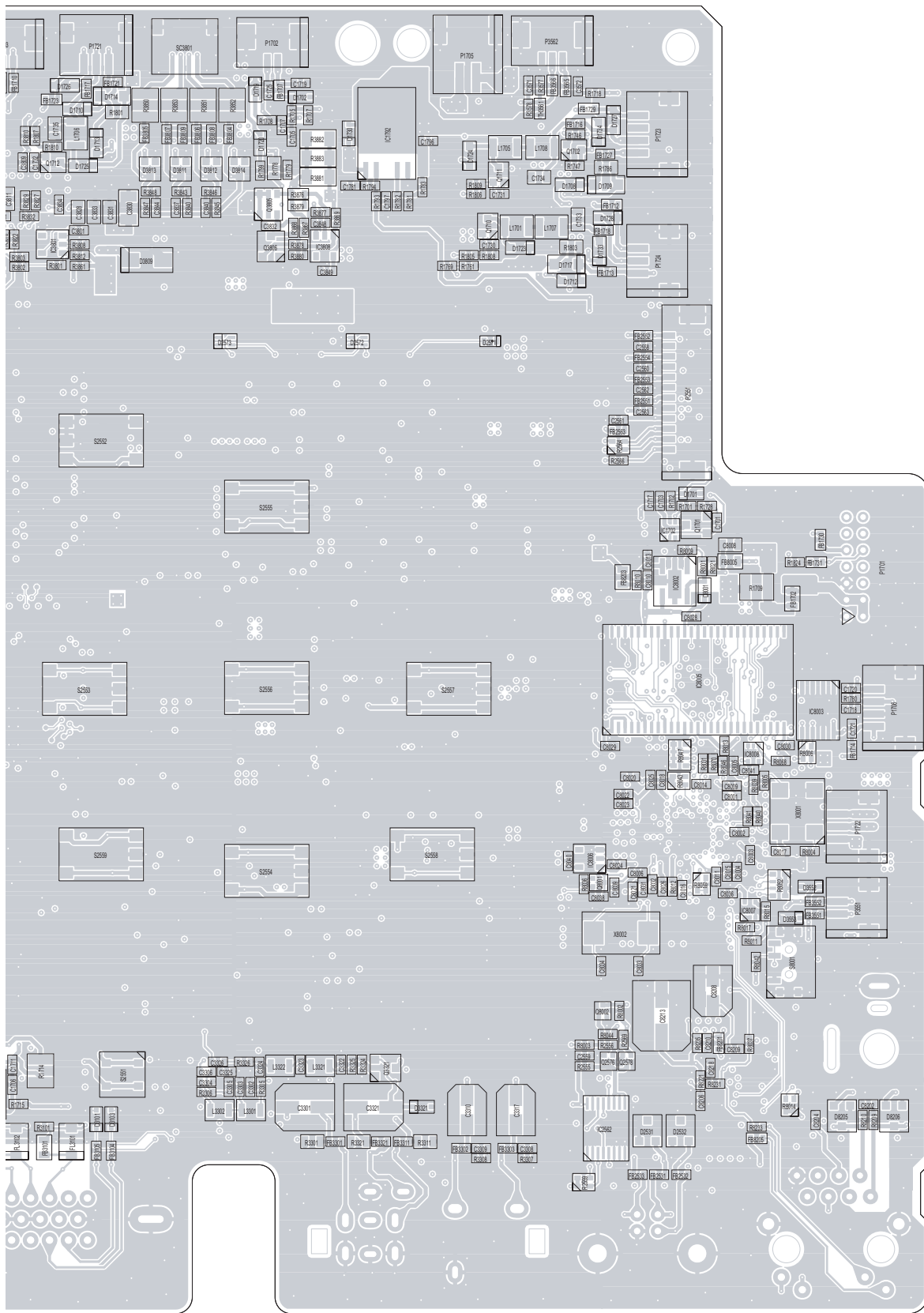




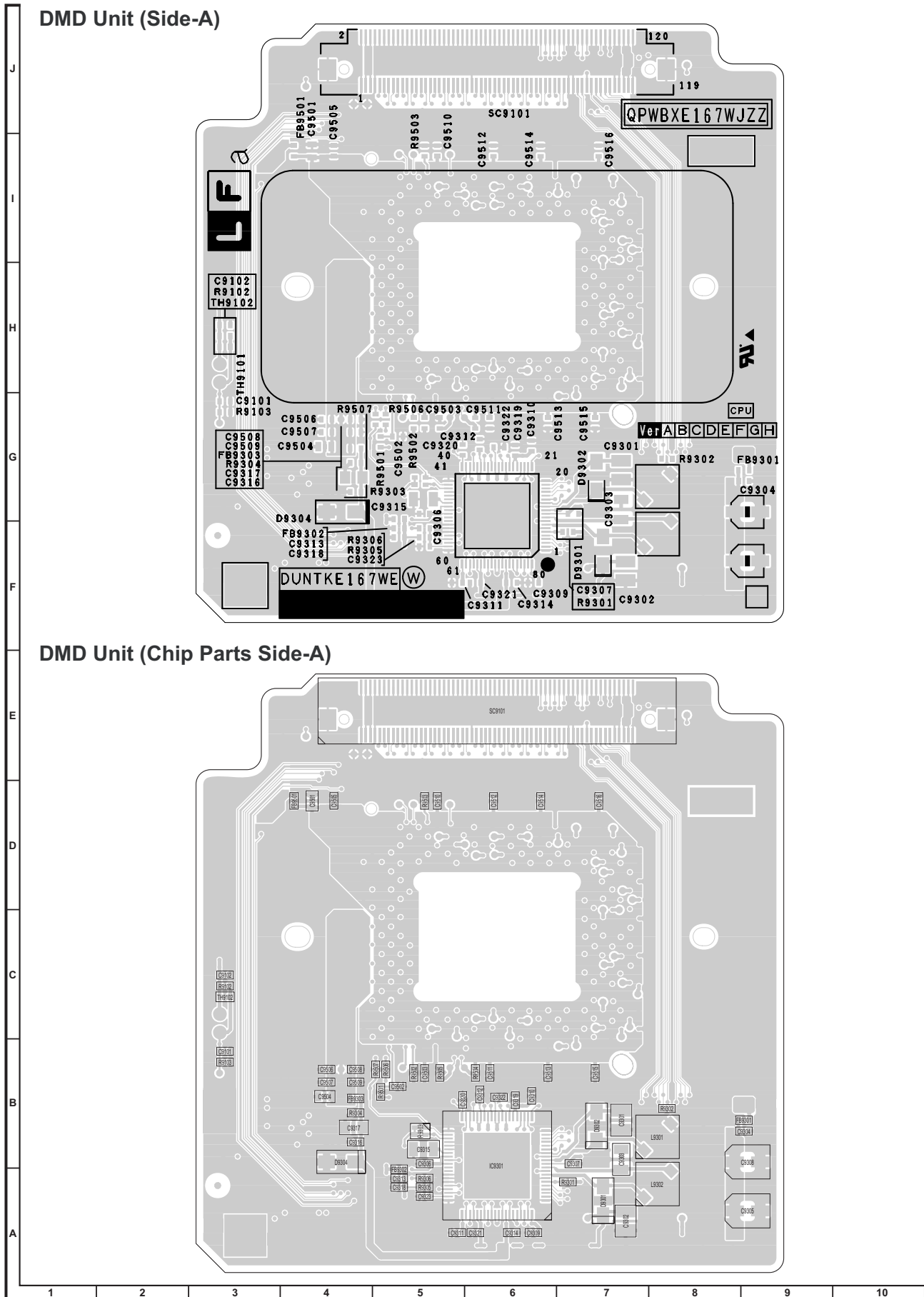
11	12	13	14	15	16	17	18	19
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# MAIN Unit (Chip Parts Side-B)

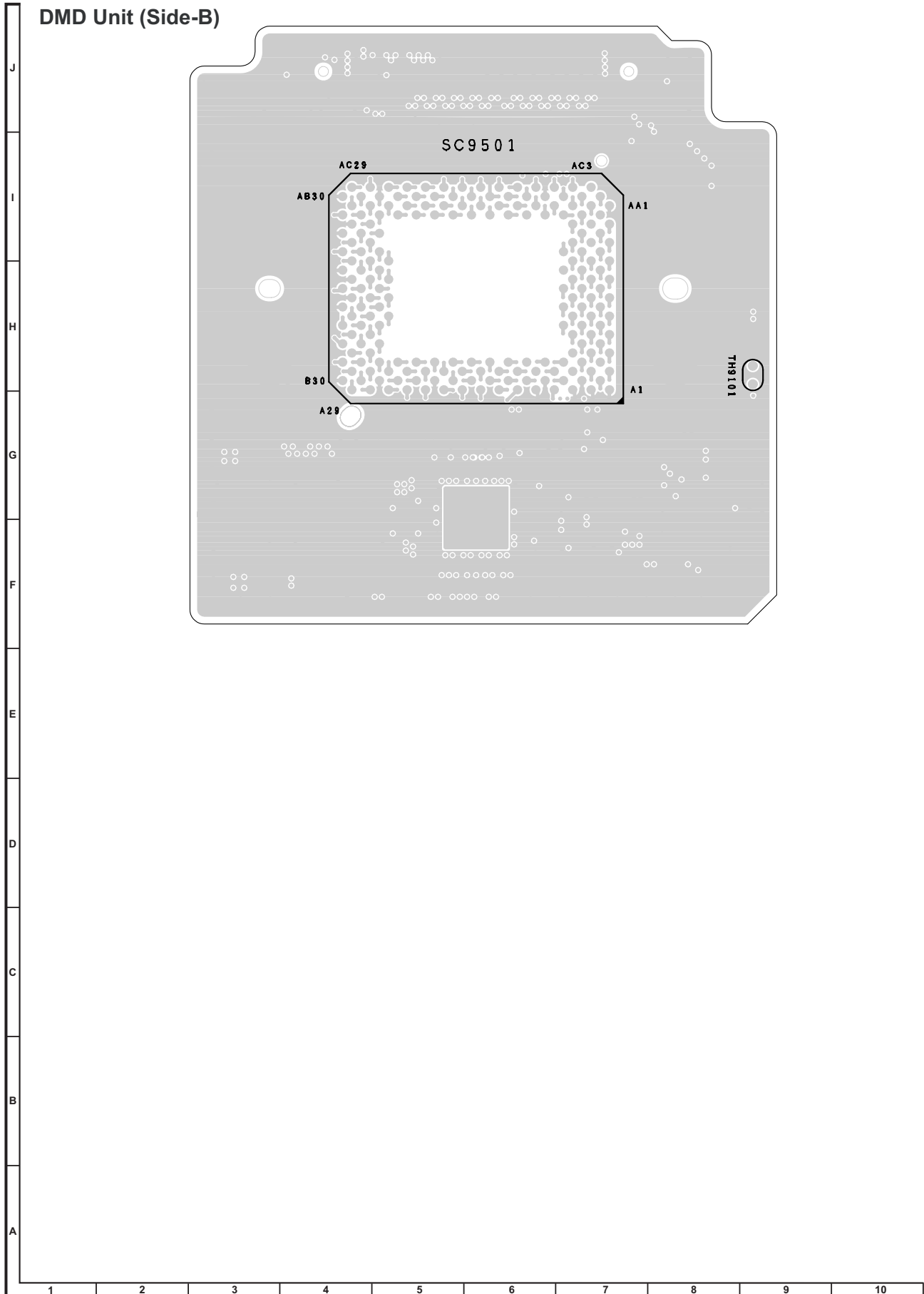




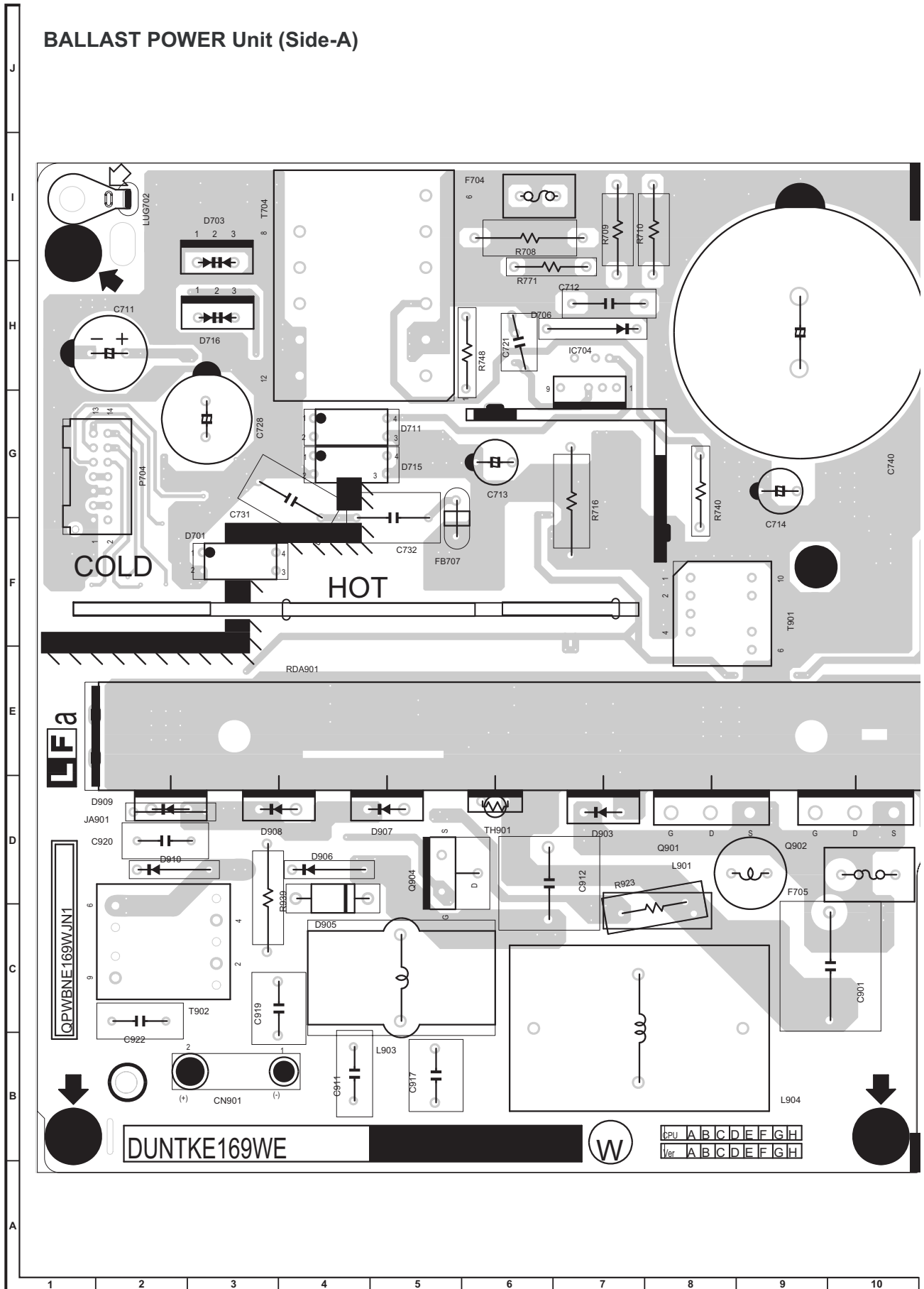
11	12	13	14	15	16	17	18	19
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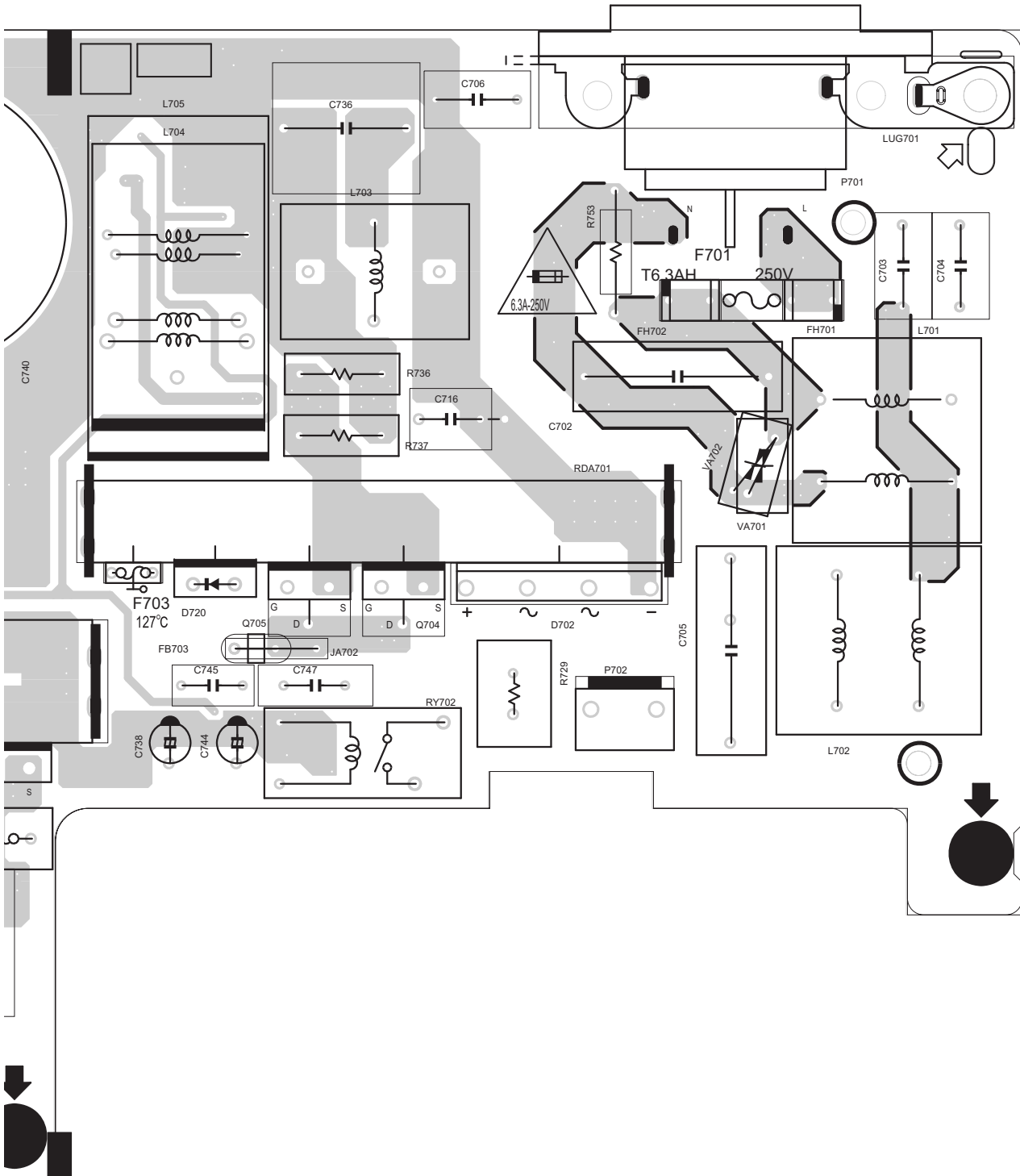


DMD Unit (Side-B)



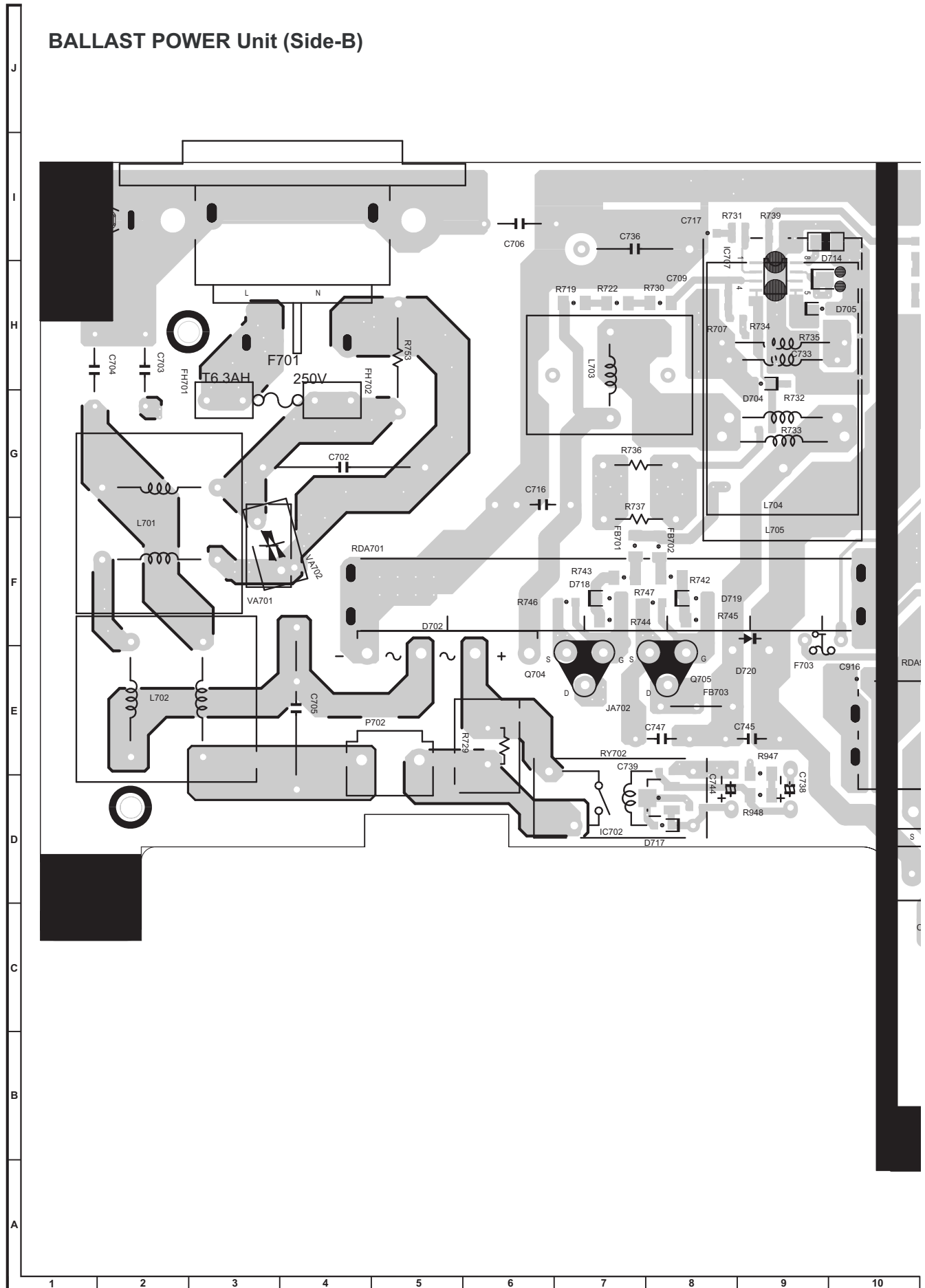
[3] BALLAST POWER Unit



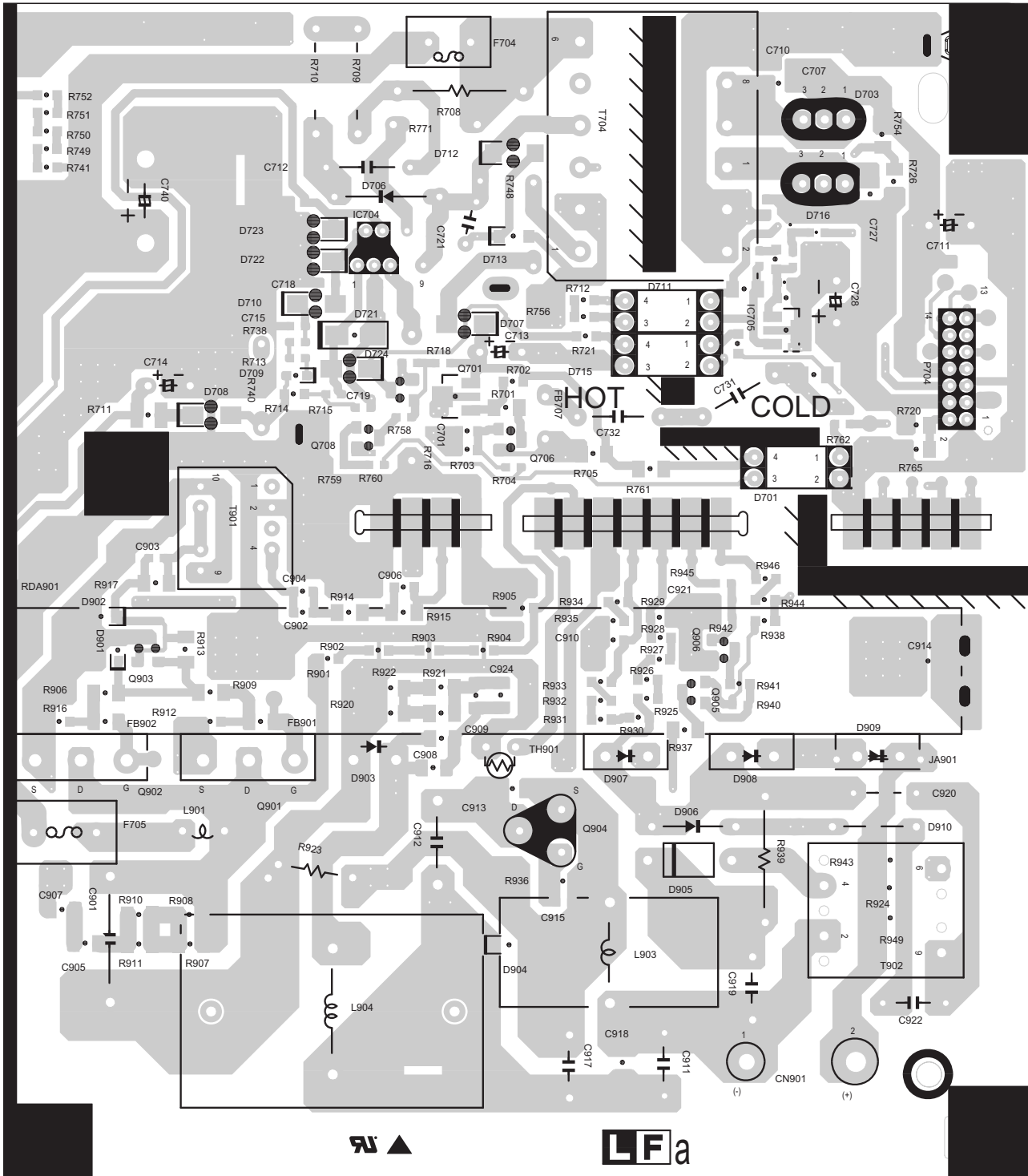


11	12	13	14	15	16	17	18	19
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### BALLAST POWER Unit (Side-B)

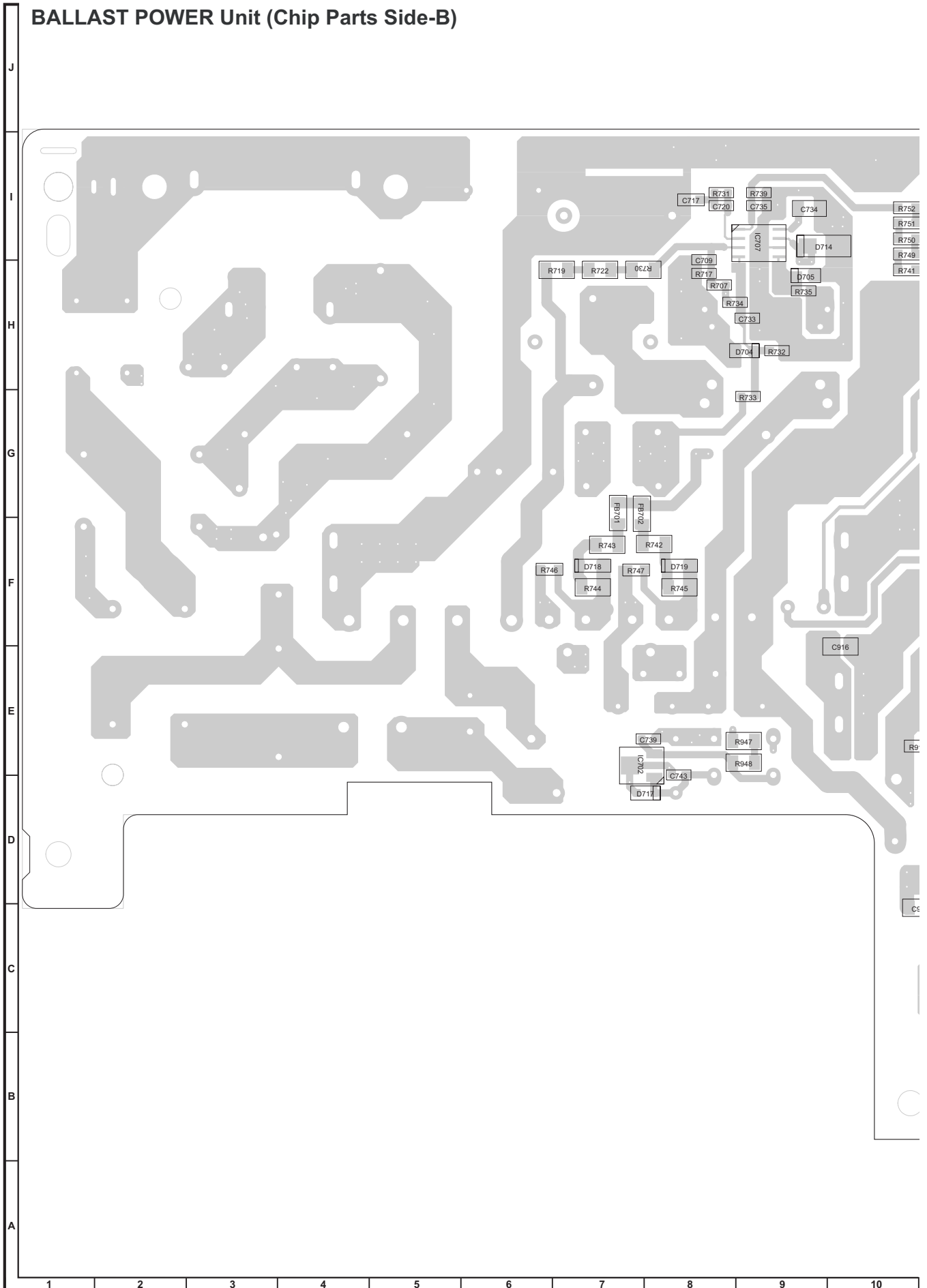


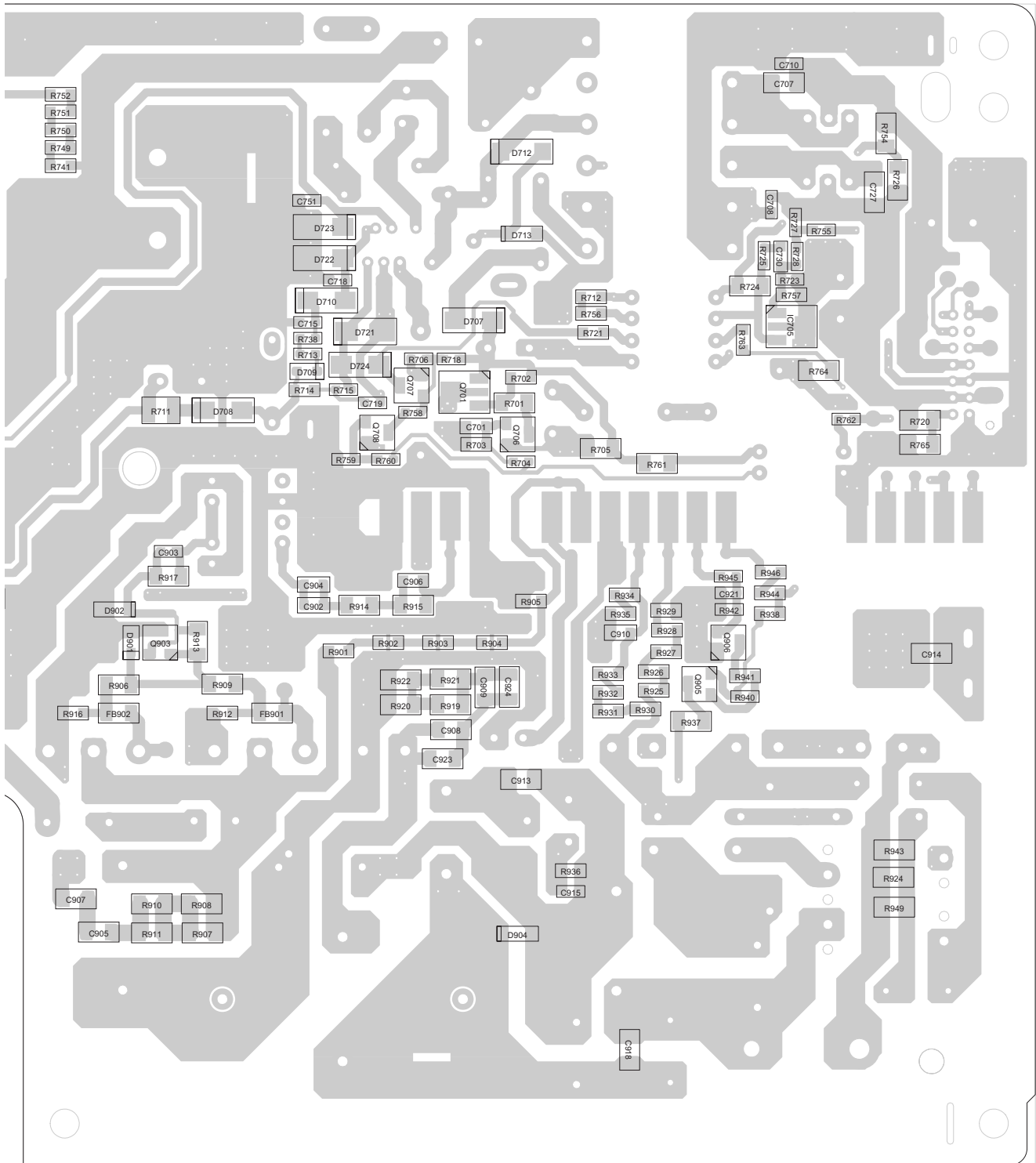




11	12	13	14	15	16	17	18	19
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### BALLAST POWER Unit (Chip Parts Side-B)



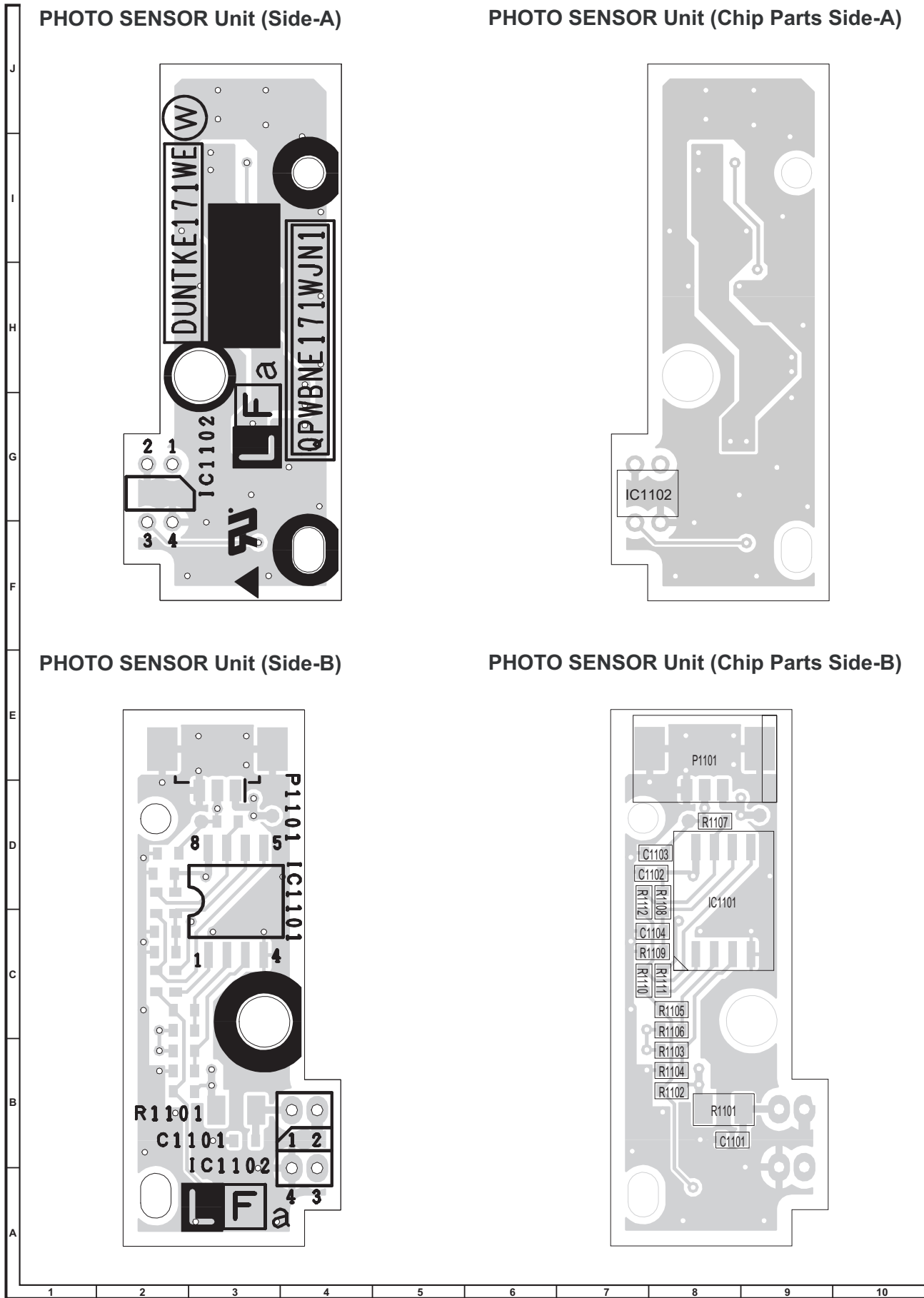


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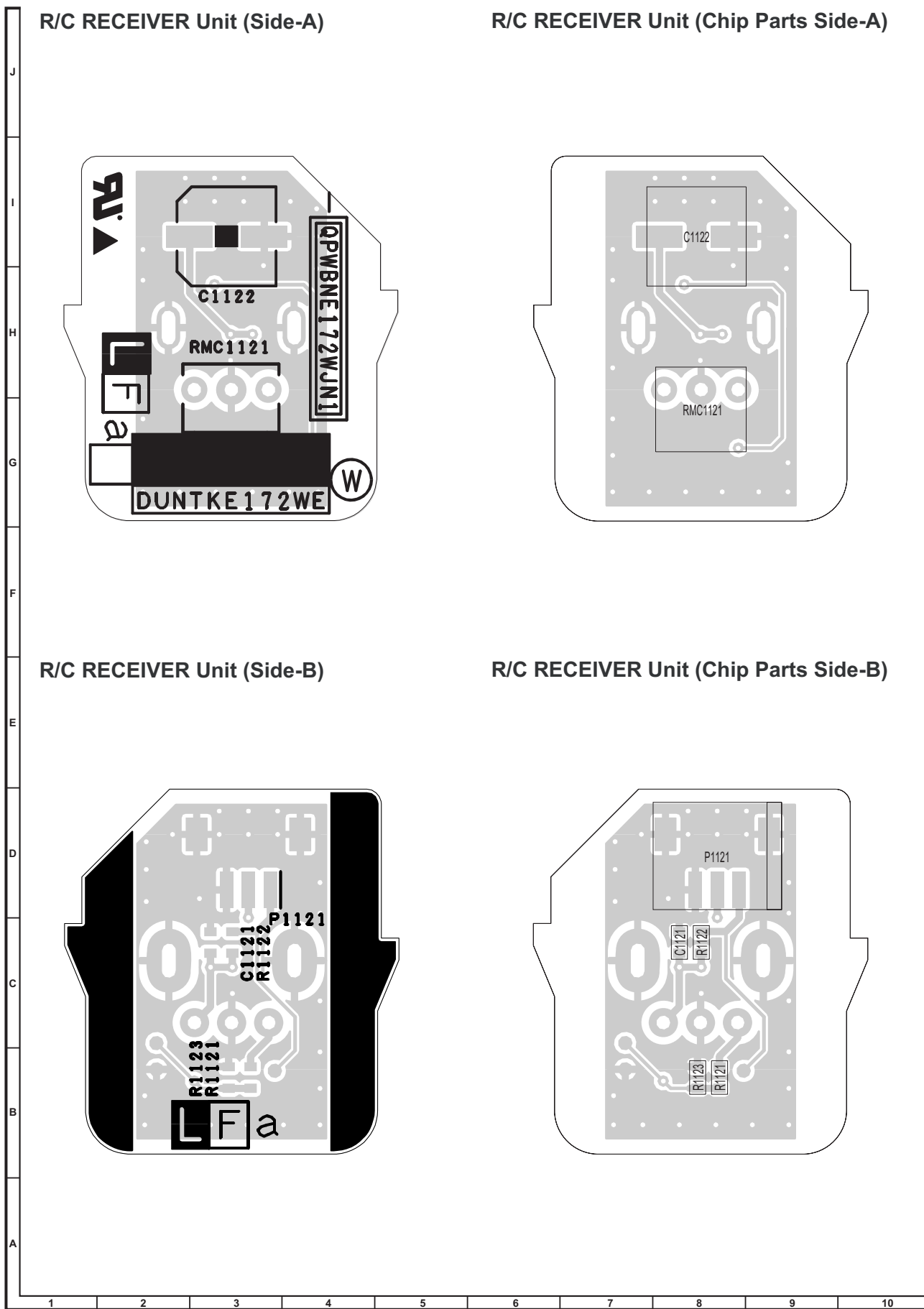




[5] PHOTO SENSOR Unit



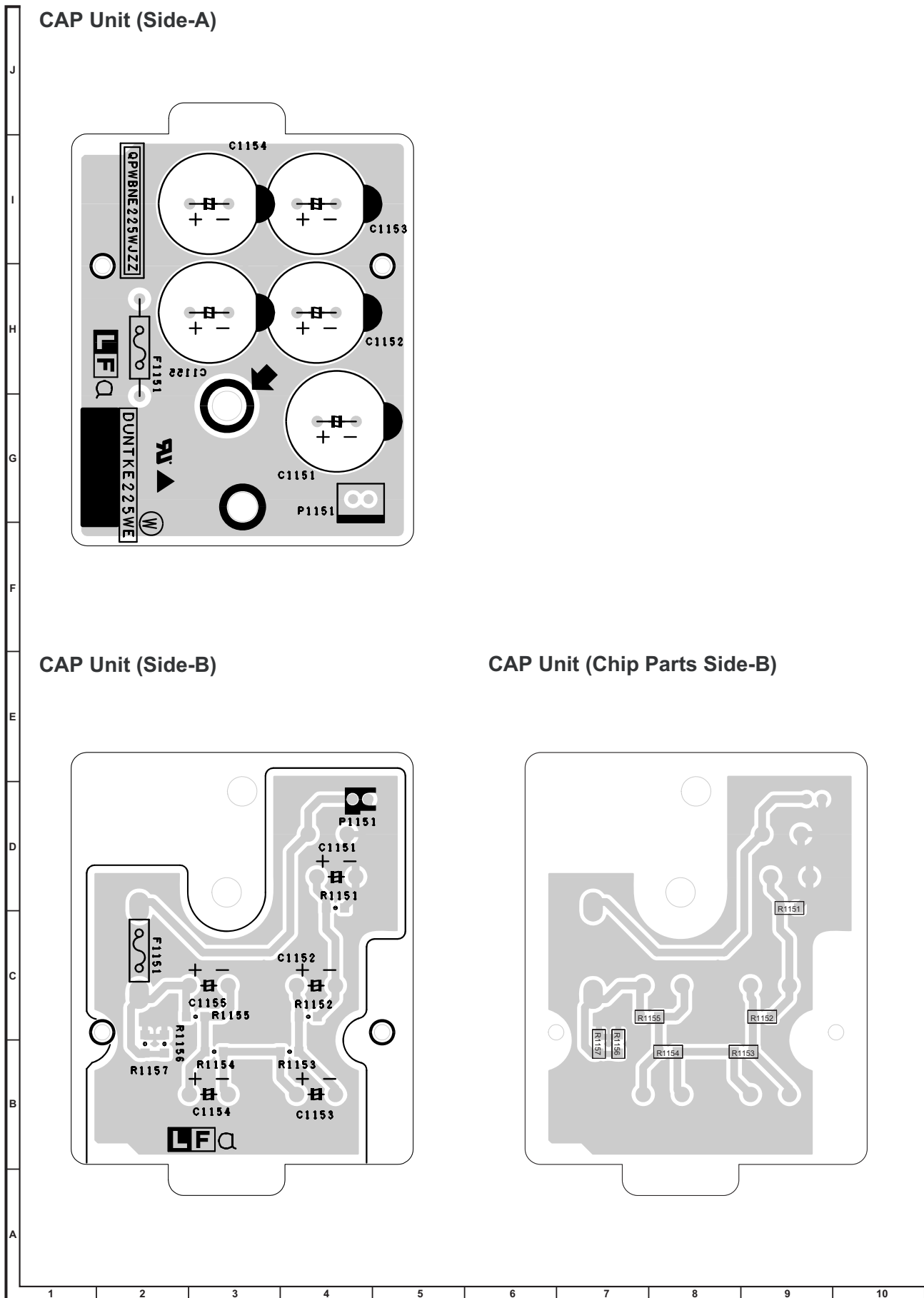
[6] R/C RECEIVER Unit





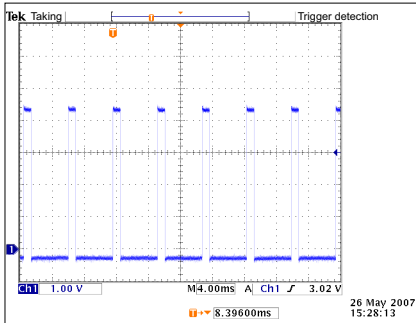


[8] CAP Unit

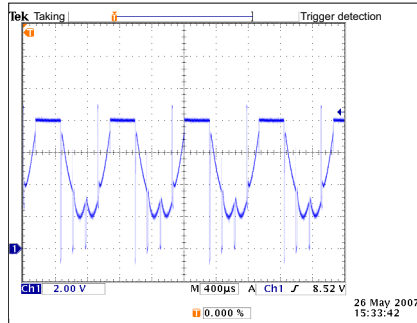


# CHAPTER 9. WAVEFORMS

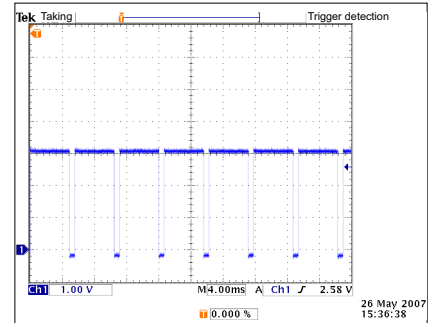
## [1] WAVEFORMS



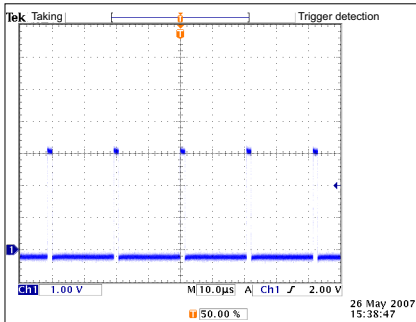
① P704(14)  
LAMP-CON  
H:4ms/div  
V:1V/div



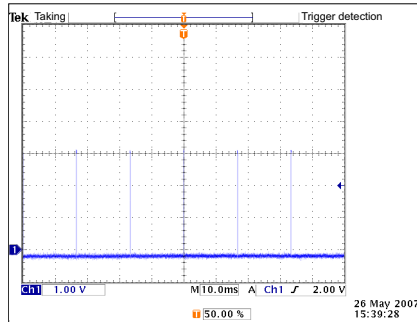
② SC3801(1)  
CWY1  
H:400us/div  
V:2V/div



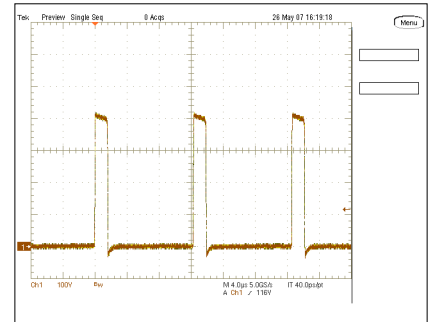
③ P1703(2)  
CWINDEX  
H:4ms/div  
V:1V/div



④ IC3201(70)  
HSOUT  
H:10us/div  
V:1V/div  
XGA60Hz



⑤ IC3201(71)  
VSOUT  
H:10ms/div  
V:1V/div  
XGA60Hz



⑥ Q901(GATE)  
H:4us/div  
V:100V/div

# CHAPTER 10. 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:

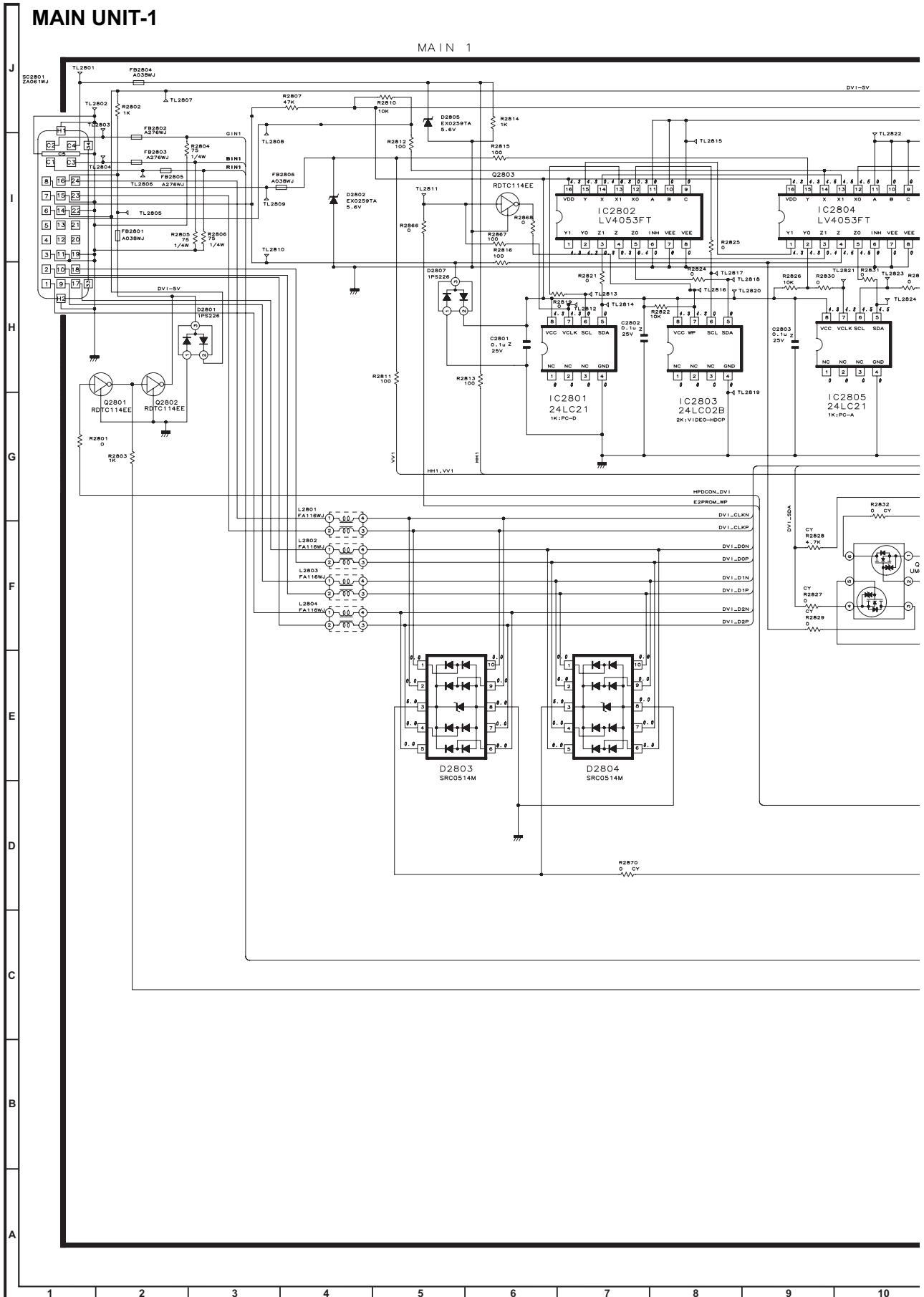
This circuit diagram is original one, therefore there may be a slight difference from yours.

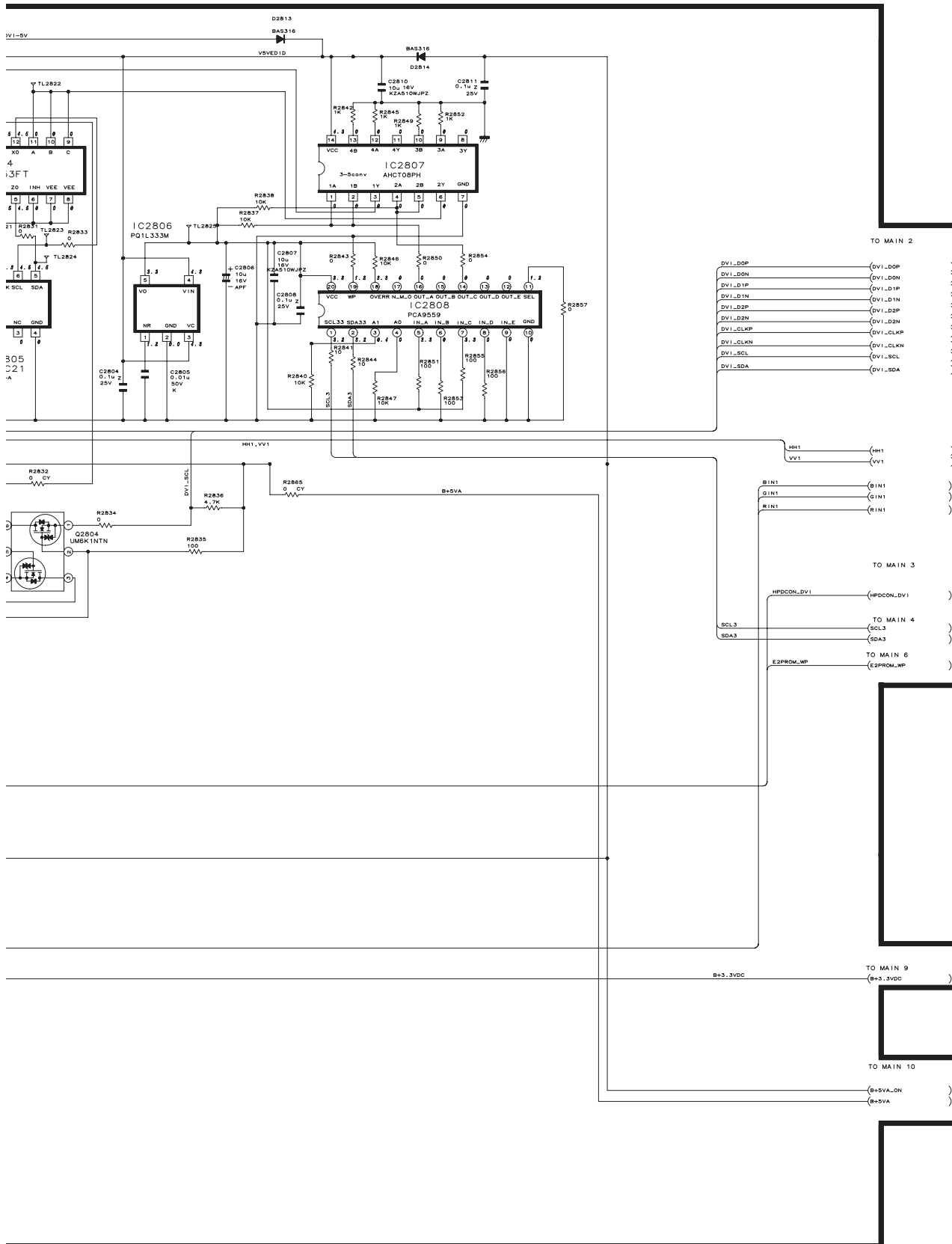
#### SAFETY NOTES:

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.

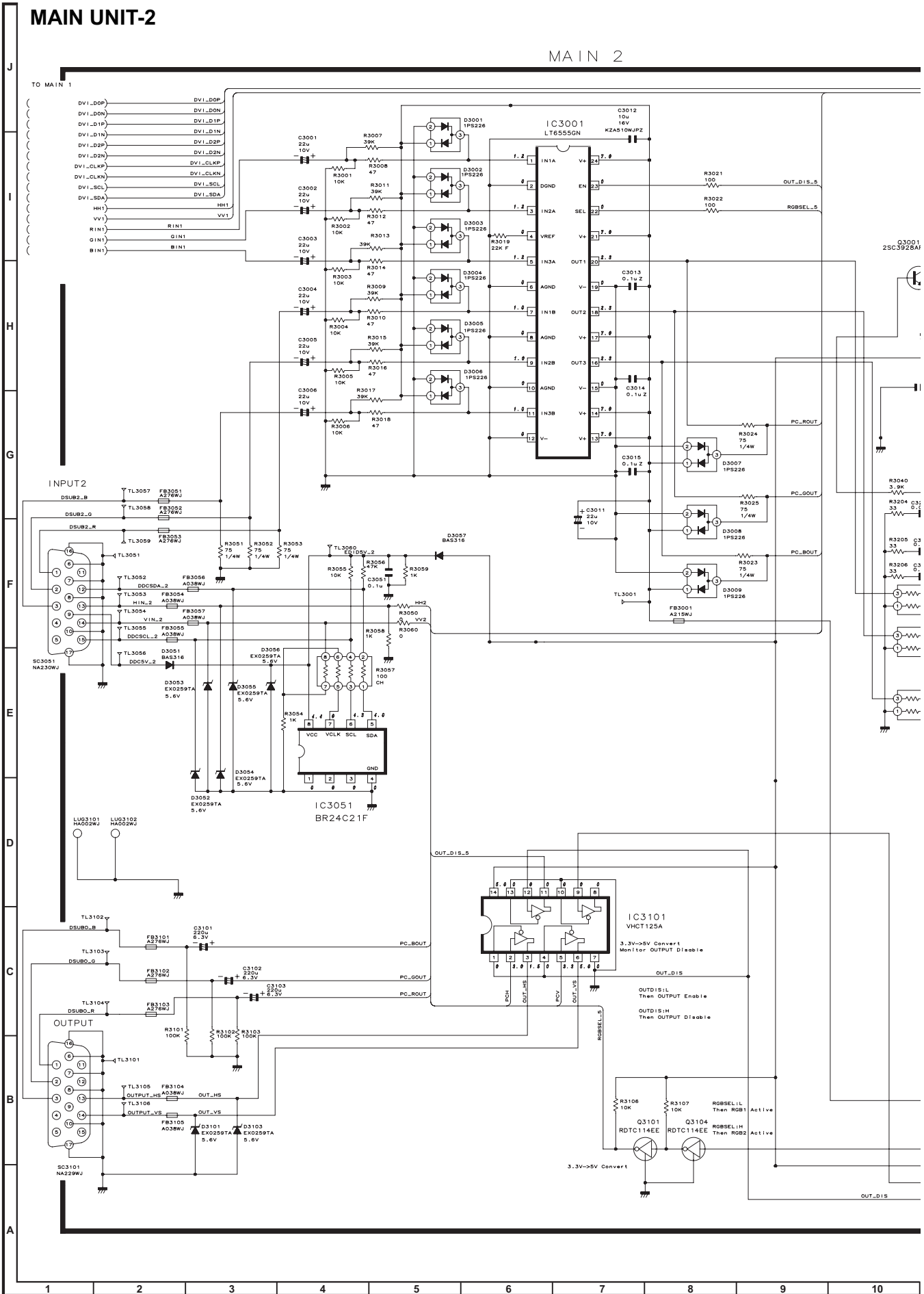


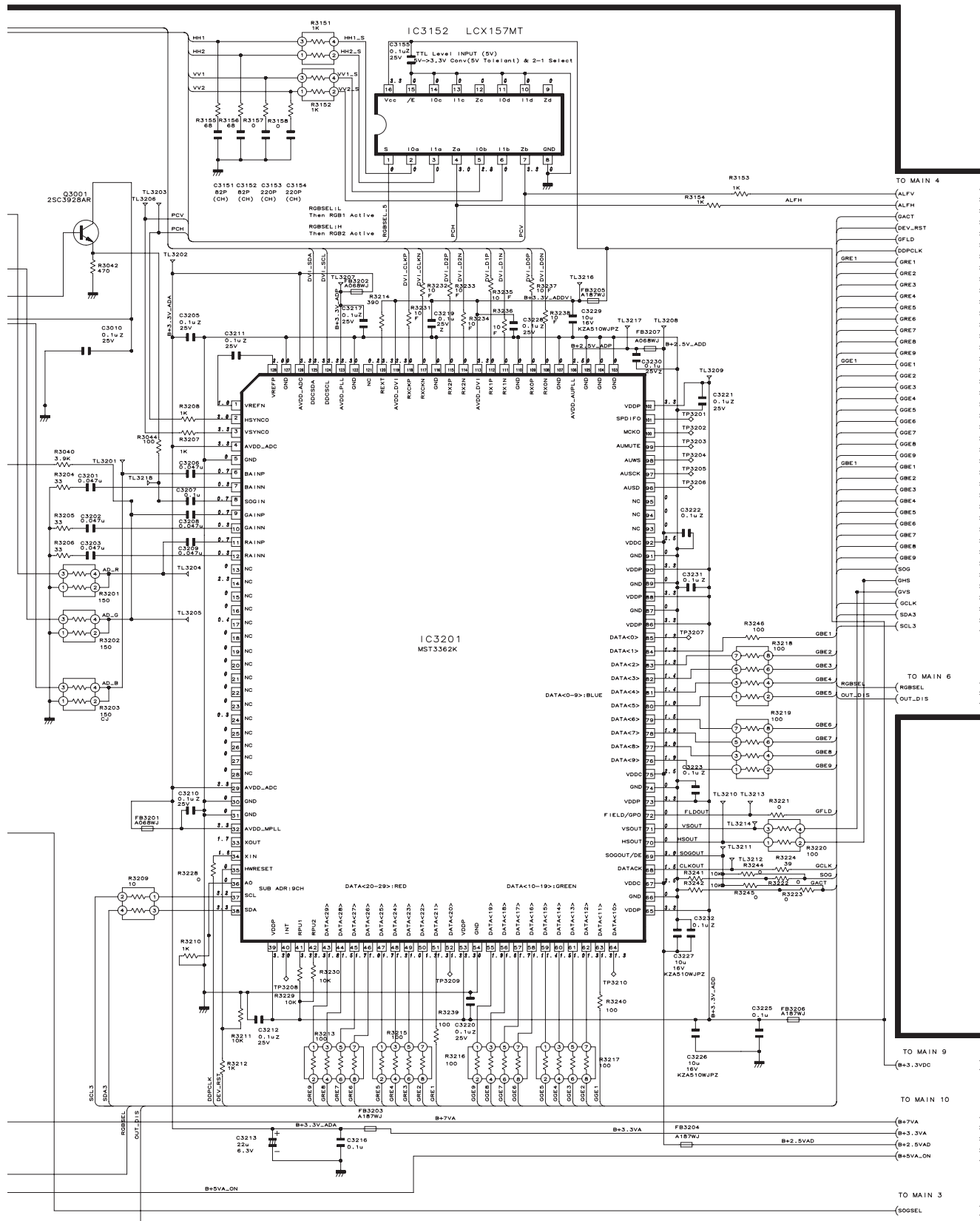


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MAIN UNIT-2

MAIN 2

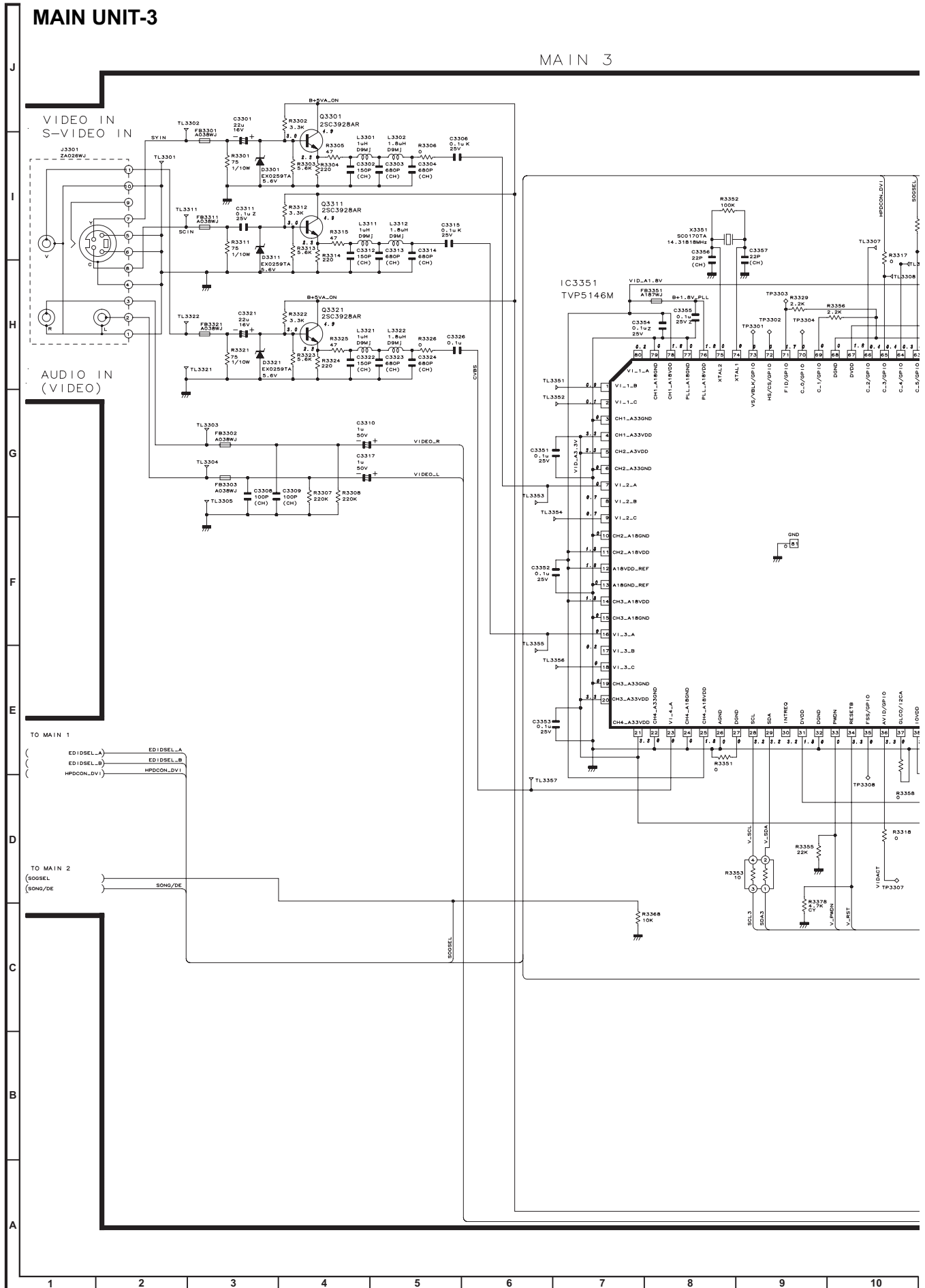




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MAIN UNIT-3

MAIN 3

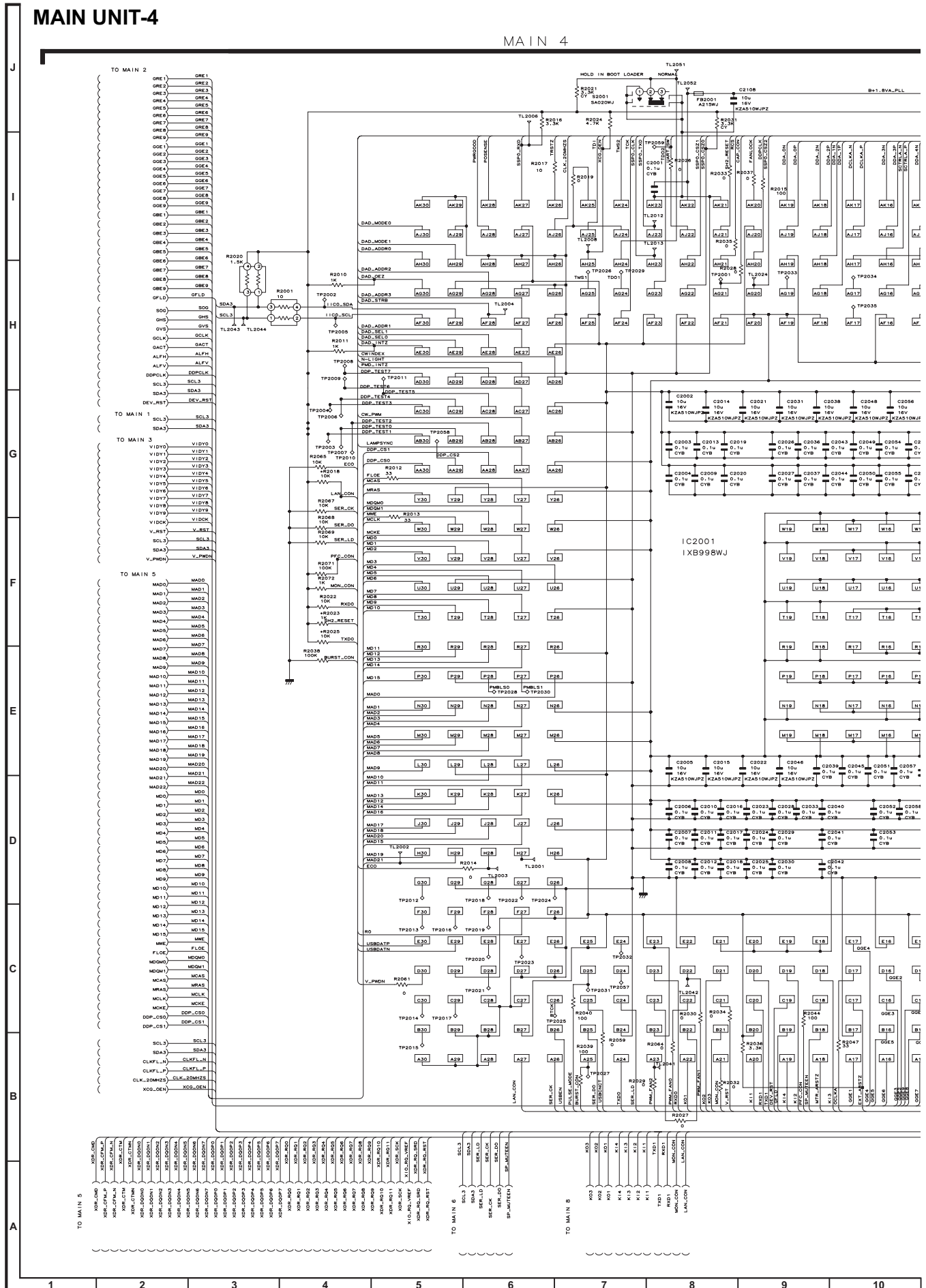


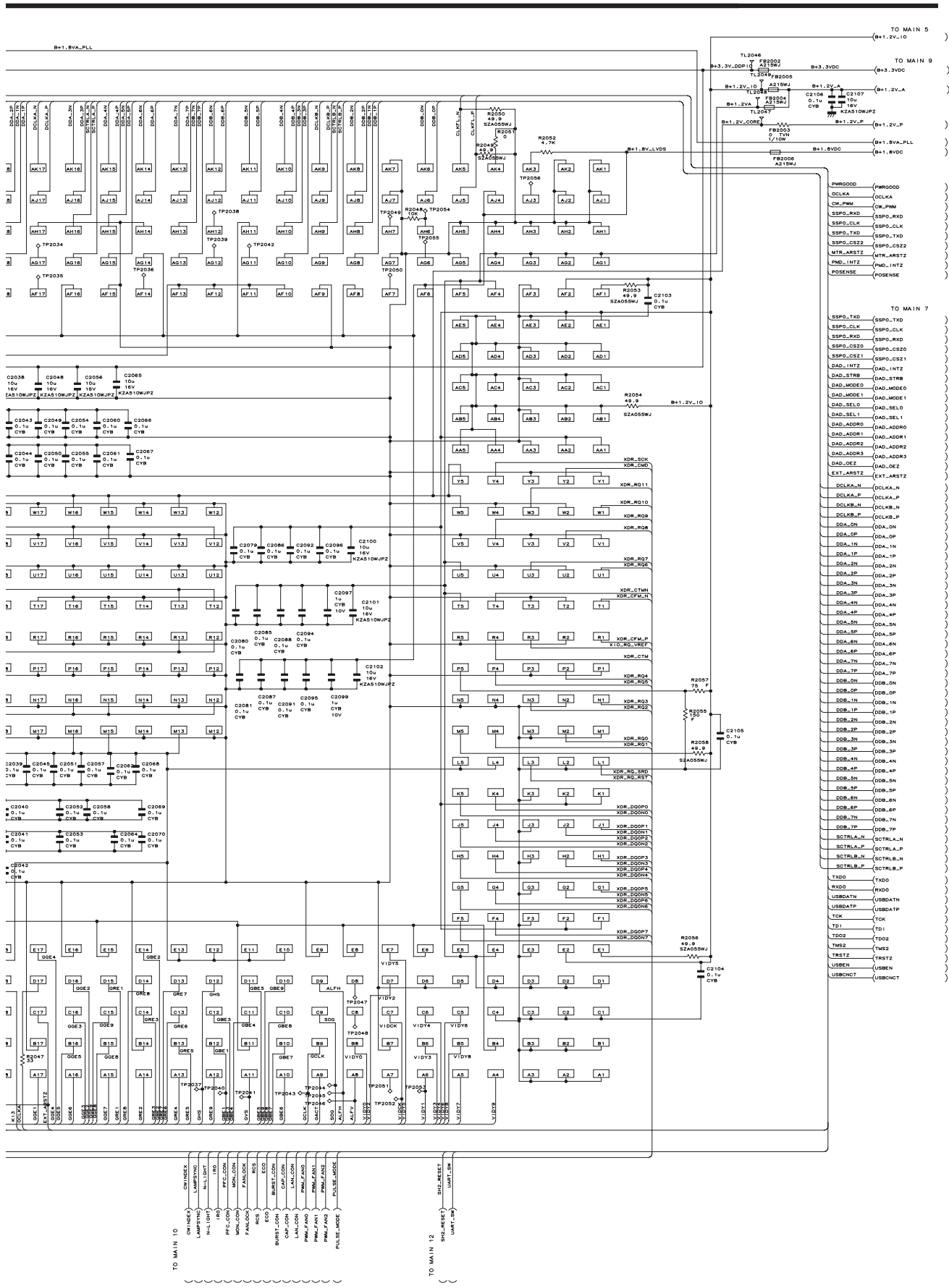




MAIN UNIT-4

MAIN 4



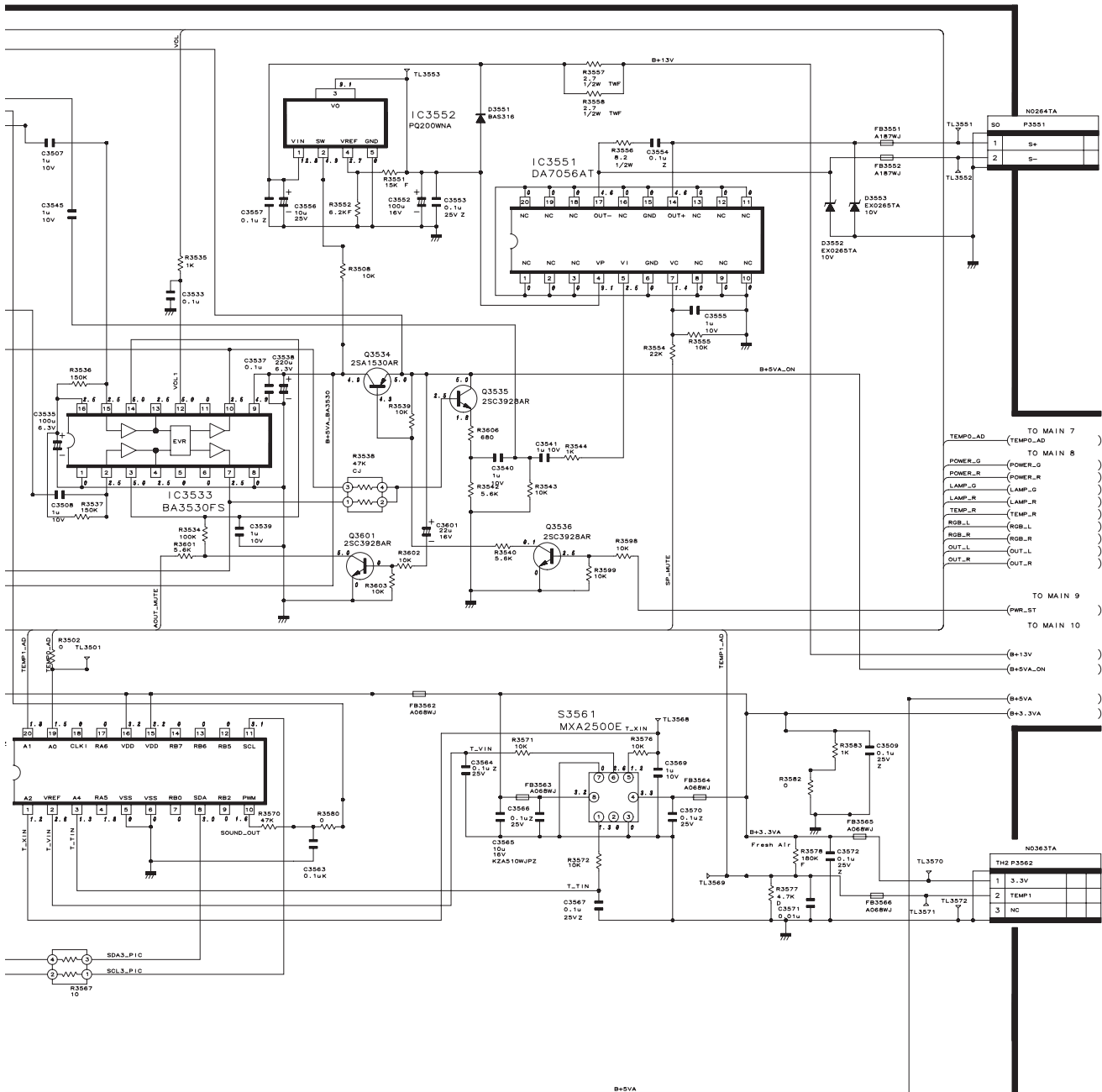


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11	12	13	14	15	16	17	18	19
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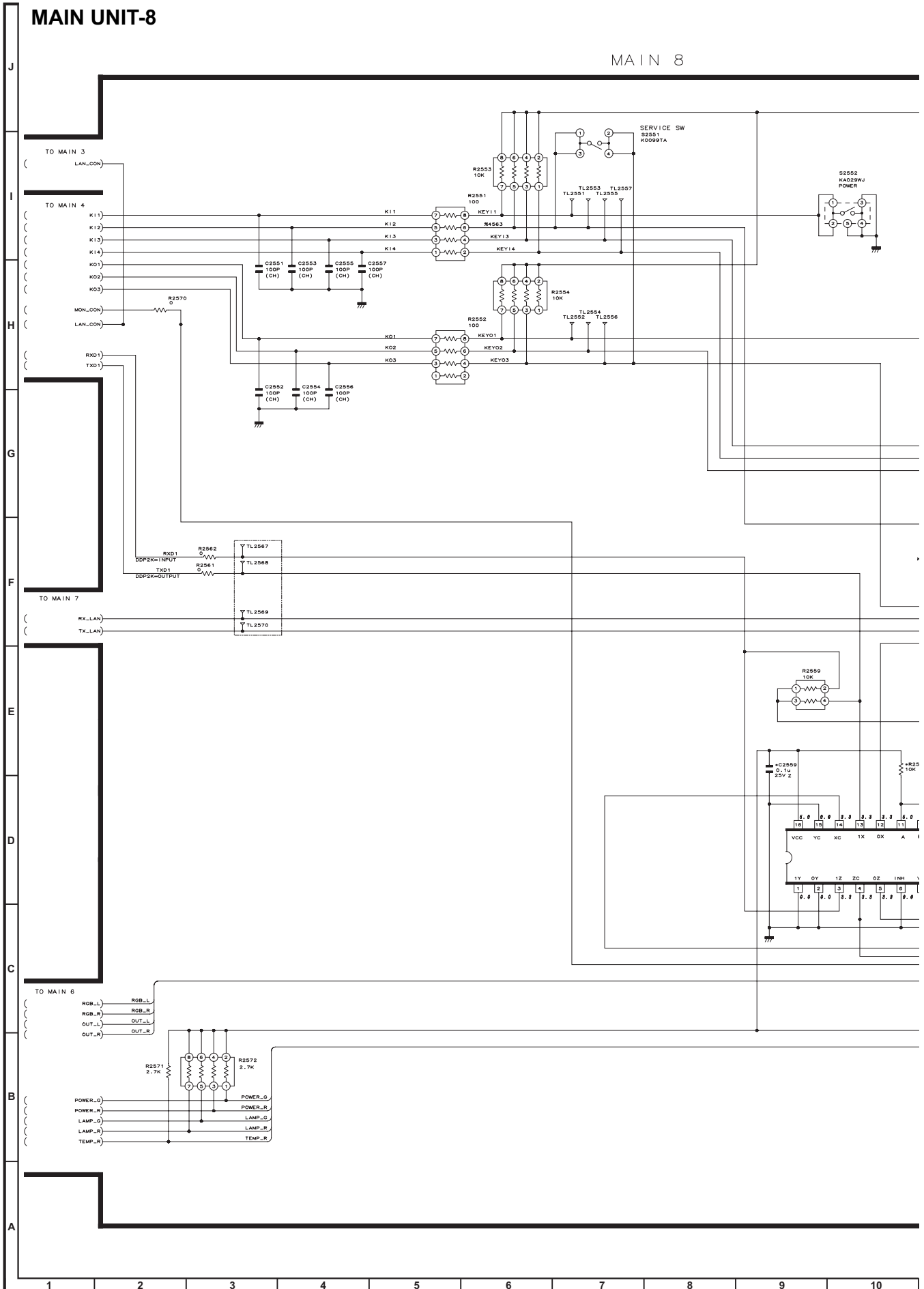


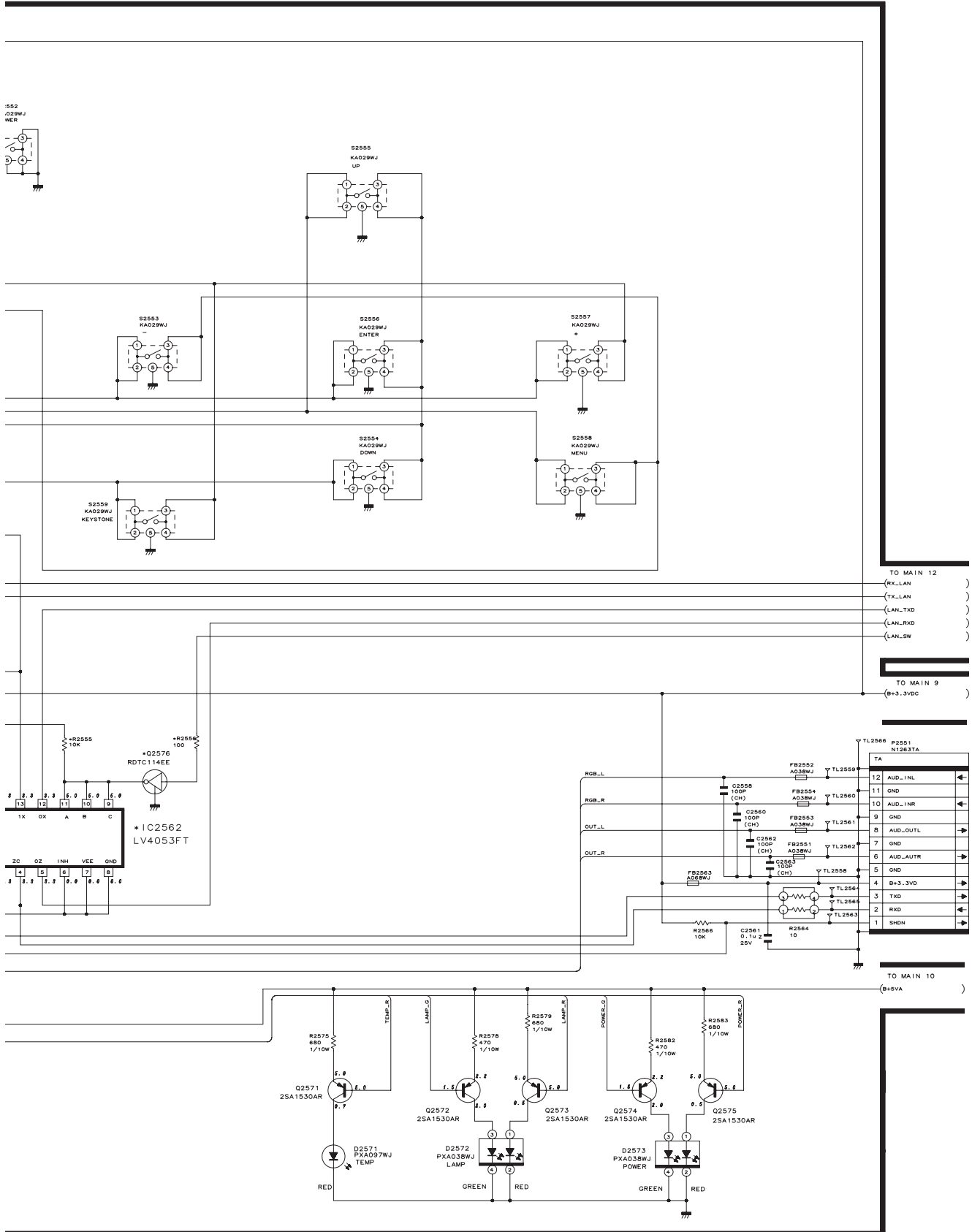




MAIN UNIT-8

MAIN 8

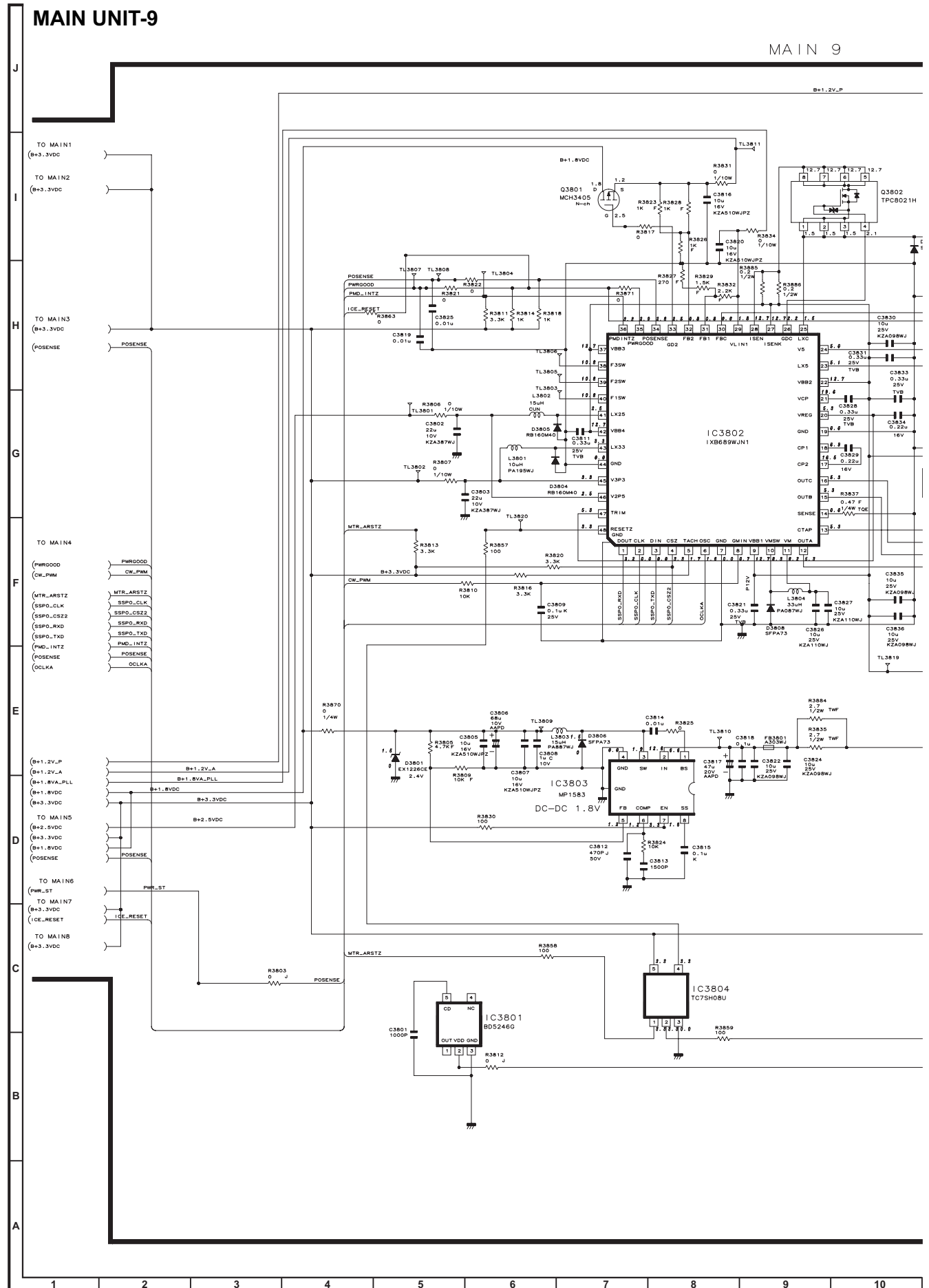


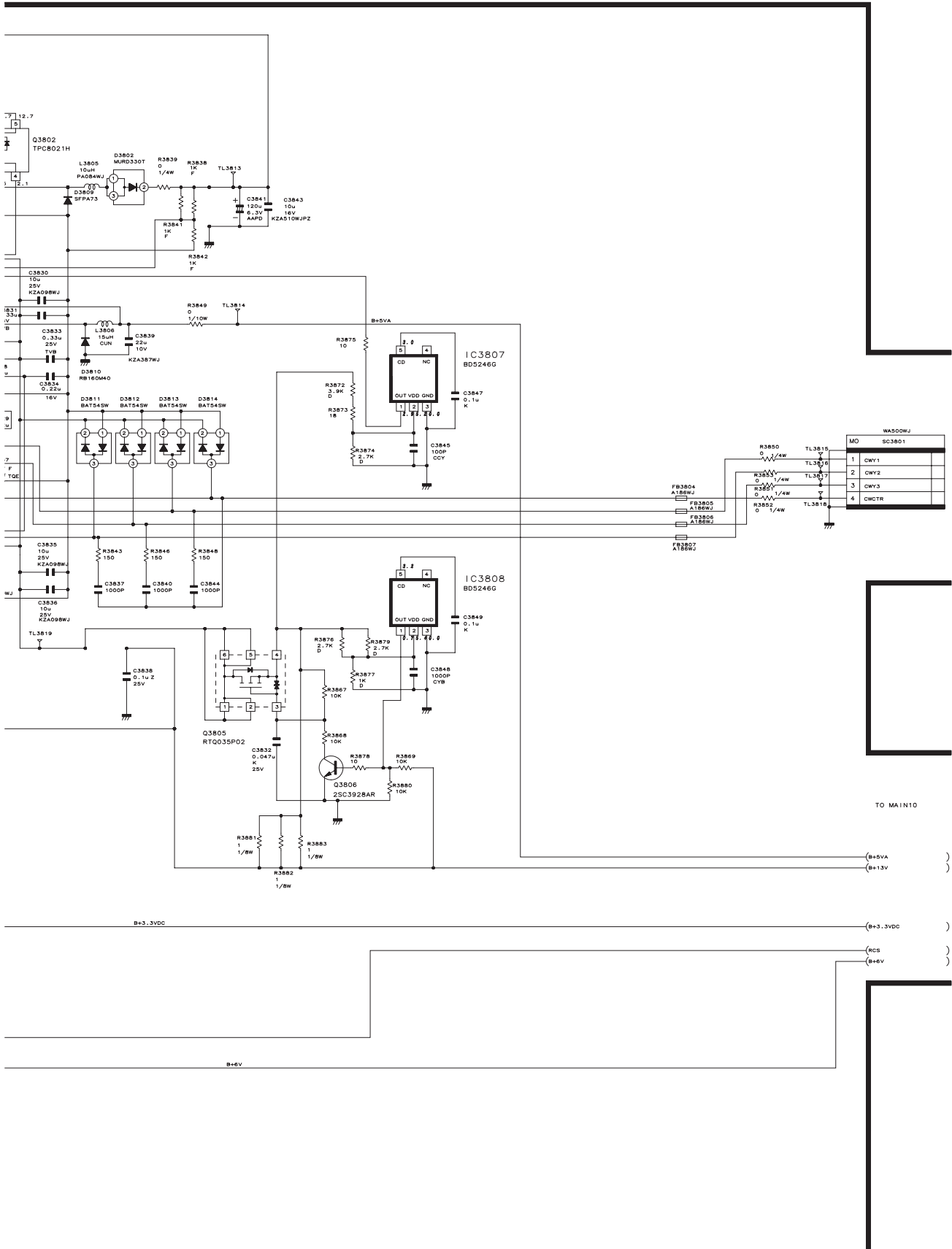


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MAIN UNIT-9

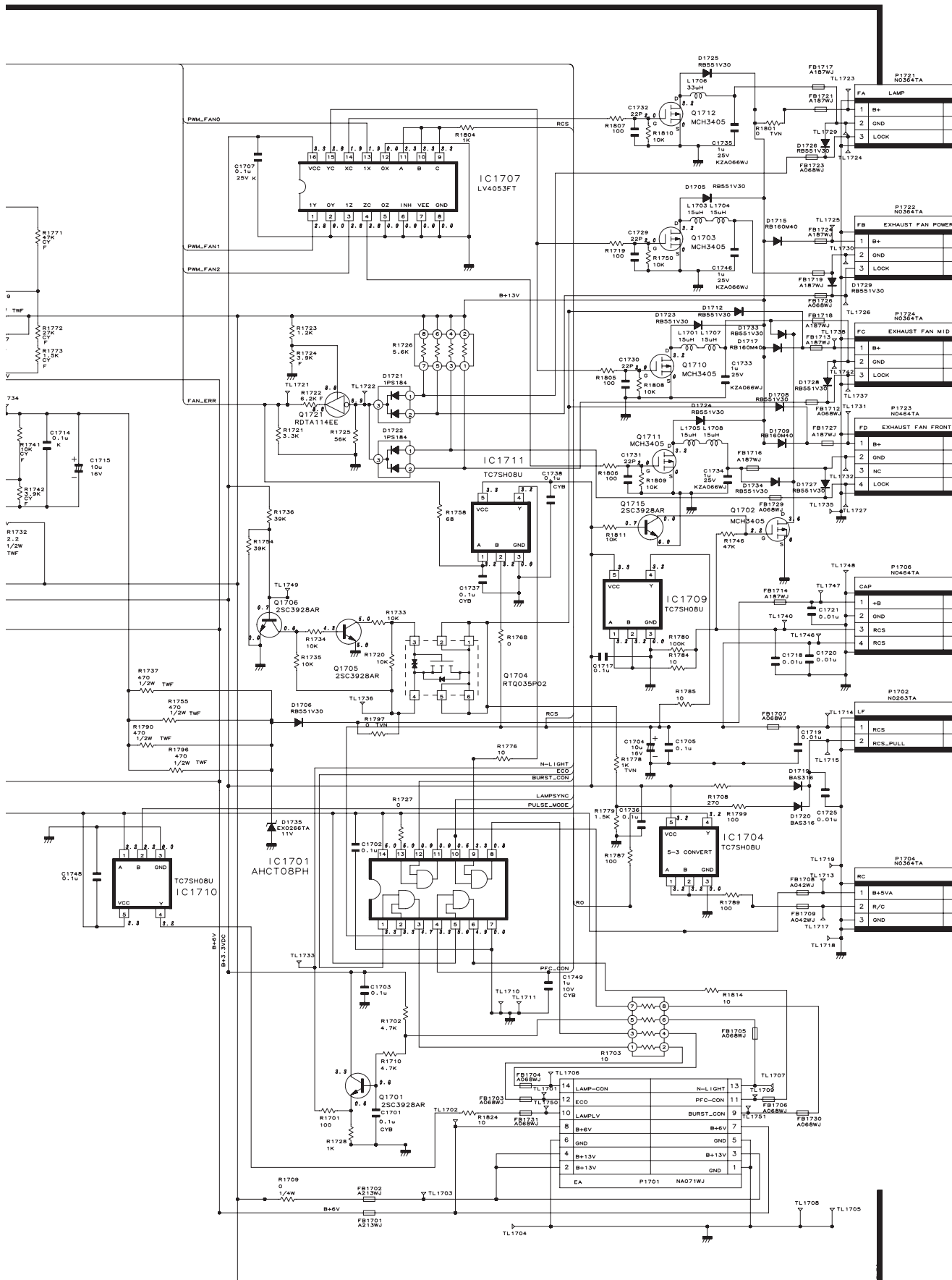
MAIN 9





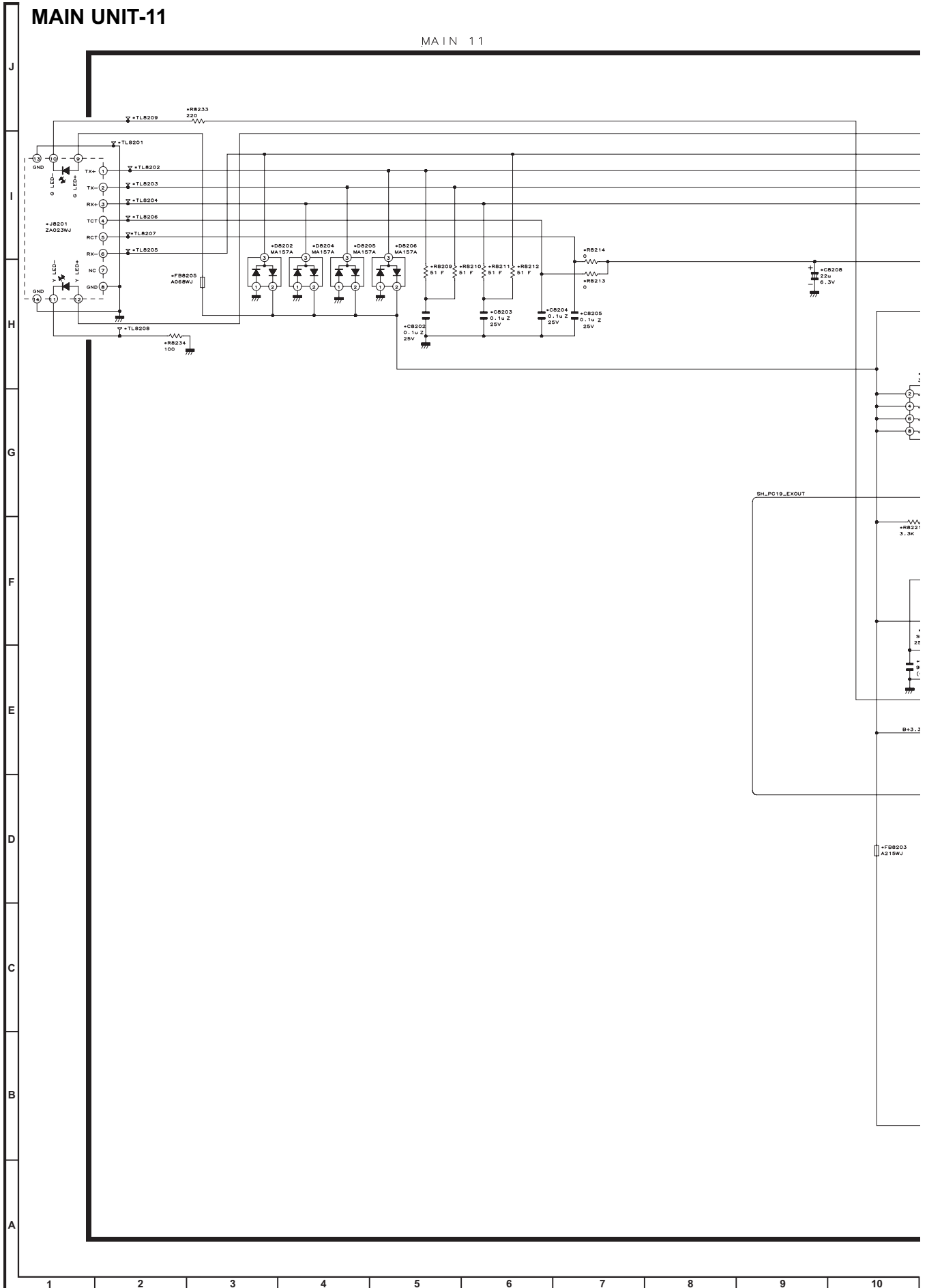
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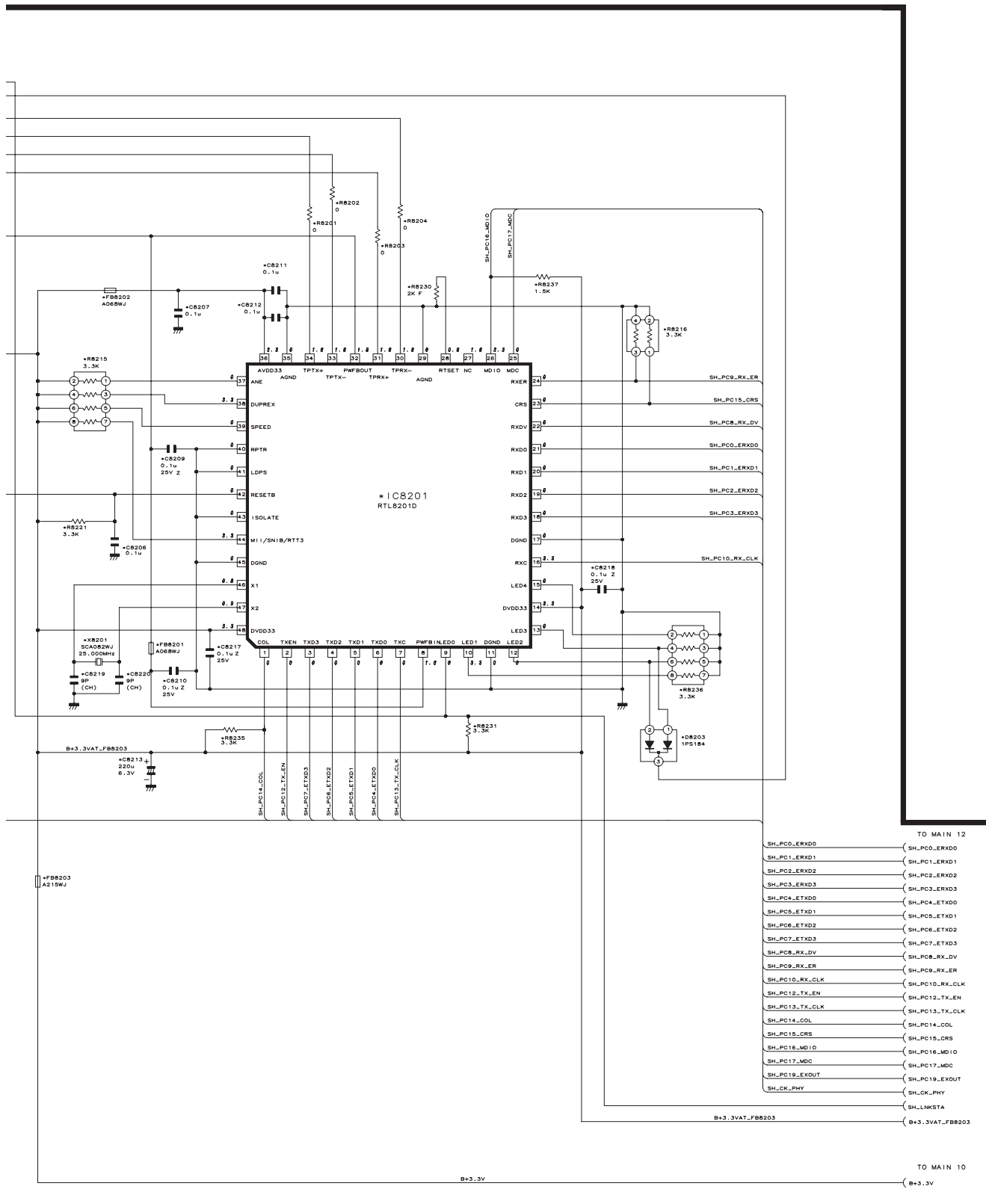


MAIN UNIT-11

MAIN 11







TO MAIN 12

SH_PC0_ERXD0	( SH_PC0_ERXD0 )
SH_PC1_ERXD1	( SH_PC1_ERXD1 )
SH_PC2_ERXD2	( SH_PC2_ERXD2 )
SH_PC3_ERXD3	( SH_PC3_ERXD3 )
SH_PC4_ETXD0	( SH_PC4_ETXD0 )
SH_PC5_ETXD1	( SH_PC5_ETXD1 )
SH_PC6_ETXD2	( SH_PC6_ETXD2 )
SH_PC7_ETXD3	( SH_PC7_ETXD3 )
SH_PC8_RX_DV	( SH_PC8_RX_DV )
SH_PC9_RX_ER	( SH_PC9_RX_ER )
SH_PC10_RX_CLK	( SH_PC10_RX_CLK )
SH_PC12_TX_EN	( SH_PC12_TX_EN )
SH_PC13_TX_CLK	( SH_PC13_TX_CLK )
SH_PC14_CDL	( SH_PC14_CDL )
SH_PC15_CRS	( SH_PC15_CRS )
SH_PC16_MDIO	( SH_PC16_MDIO )
SH_PC17_MDC	( SH_PC17_MDC )
SH_PC19_EXOUT	( SH_PC19_EXOUT )
SH_CLK_PHY	( SH_CLK_PHY )
SH_LNKSTA	( SH_LNKSTA )
B+3.3VAT-FB8203	( B+3.3VAT-FB8203 )

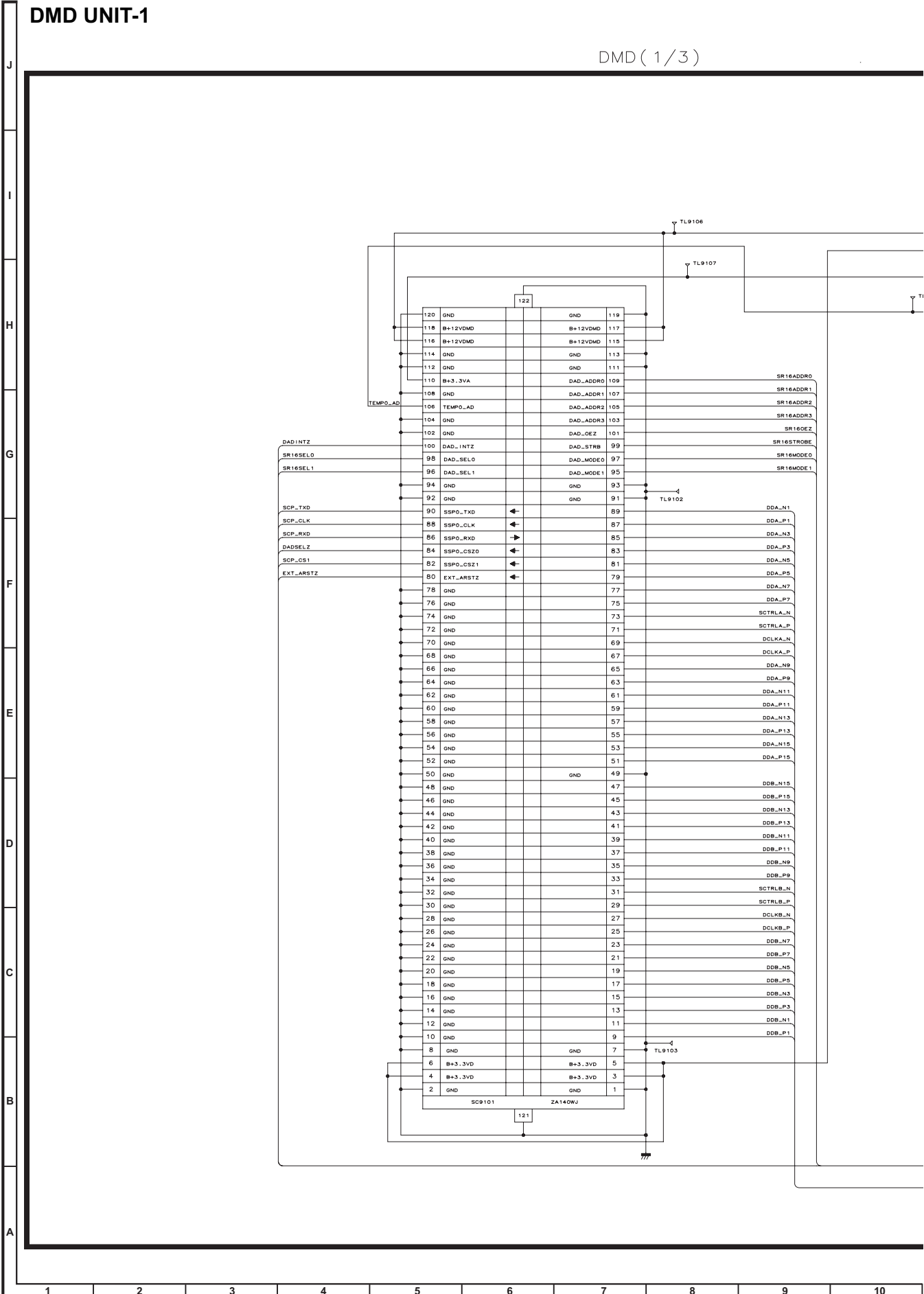
TO MAIN 10  
( B+3.3V )

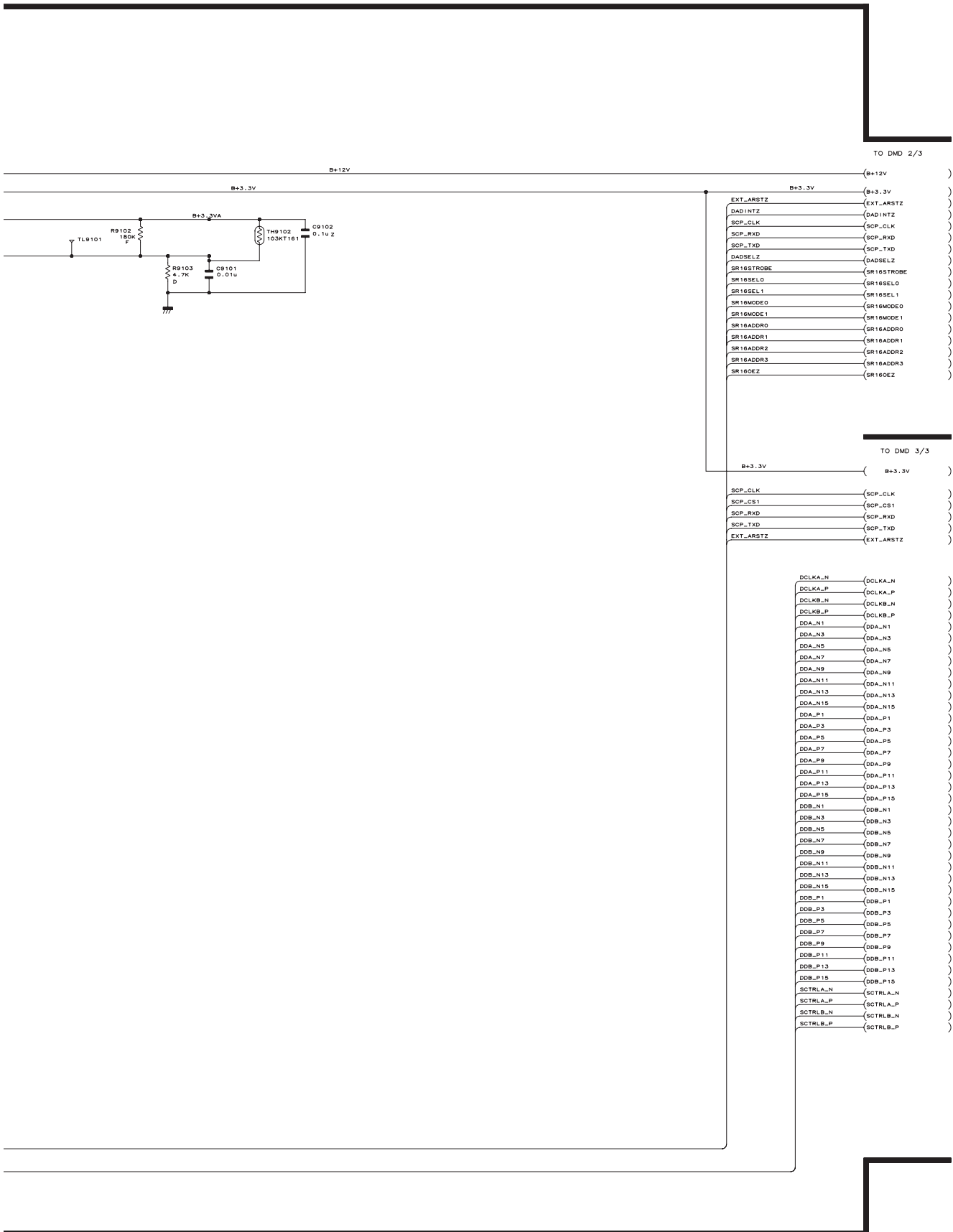




DMD UNIT-1

DMD (1/3)





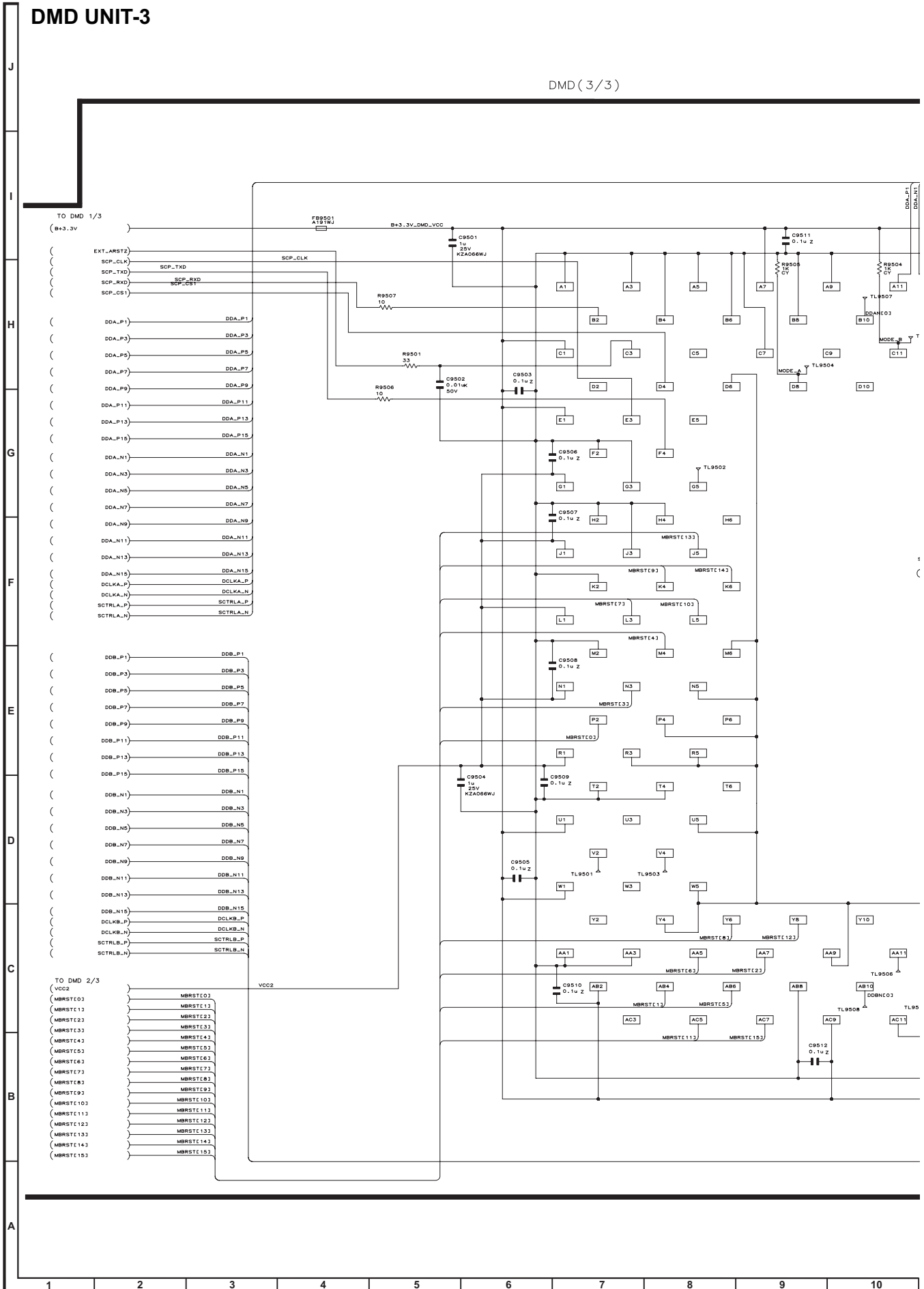
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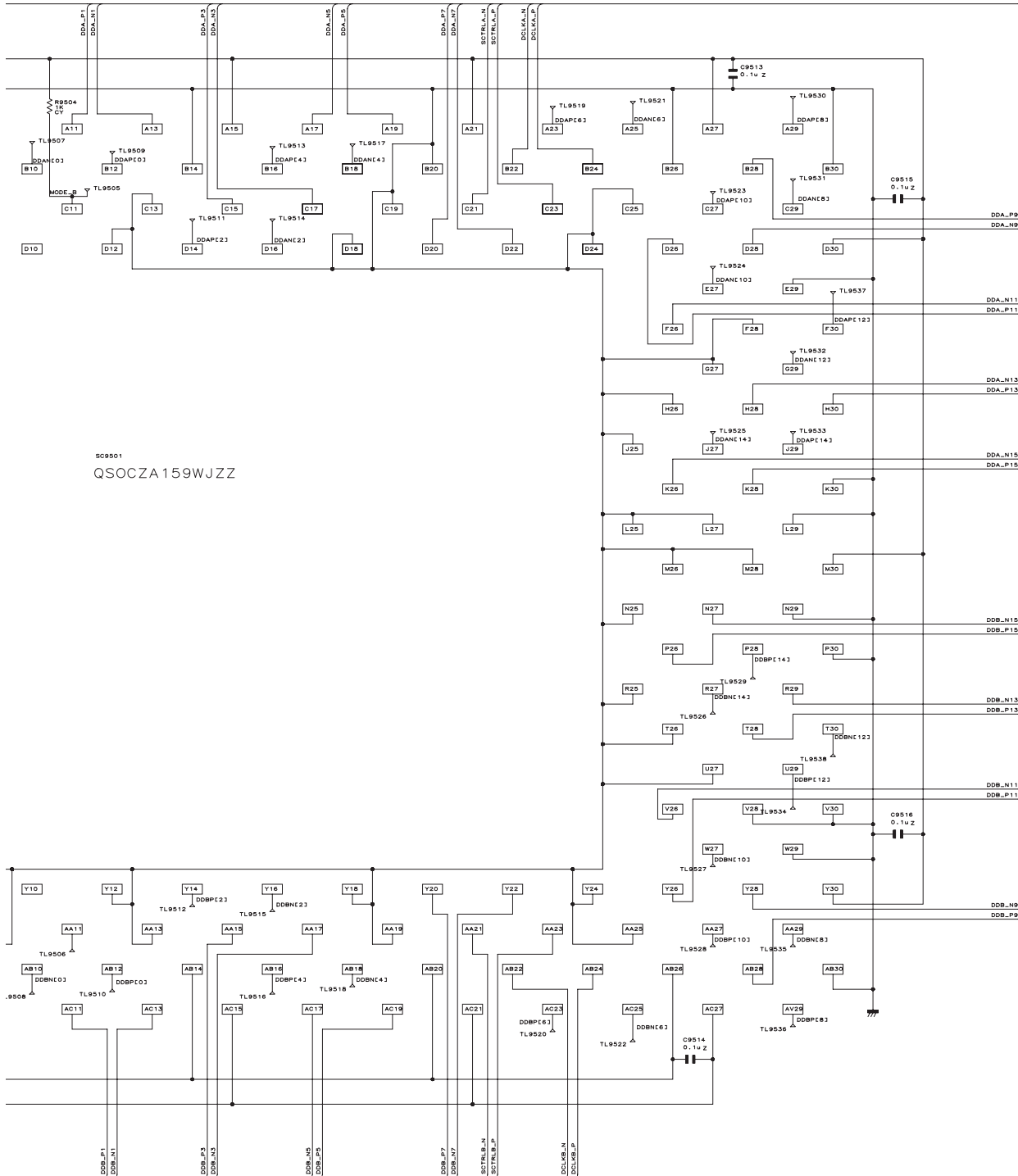


DMD UNIT-3

DMD ( 3 / 3 )

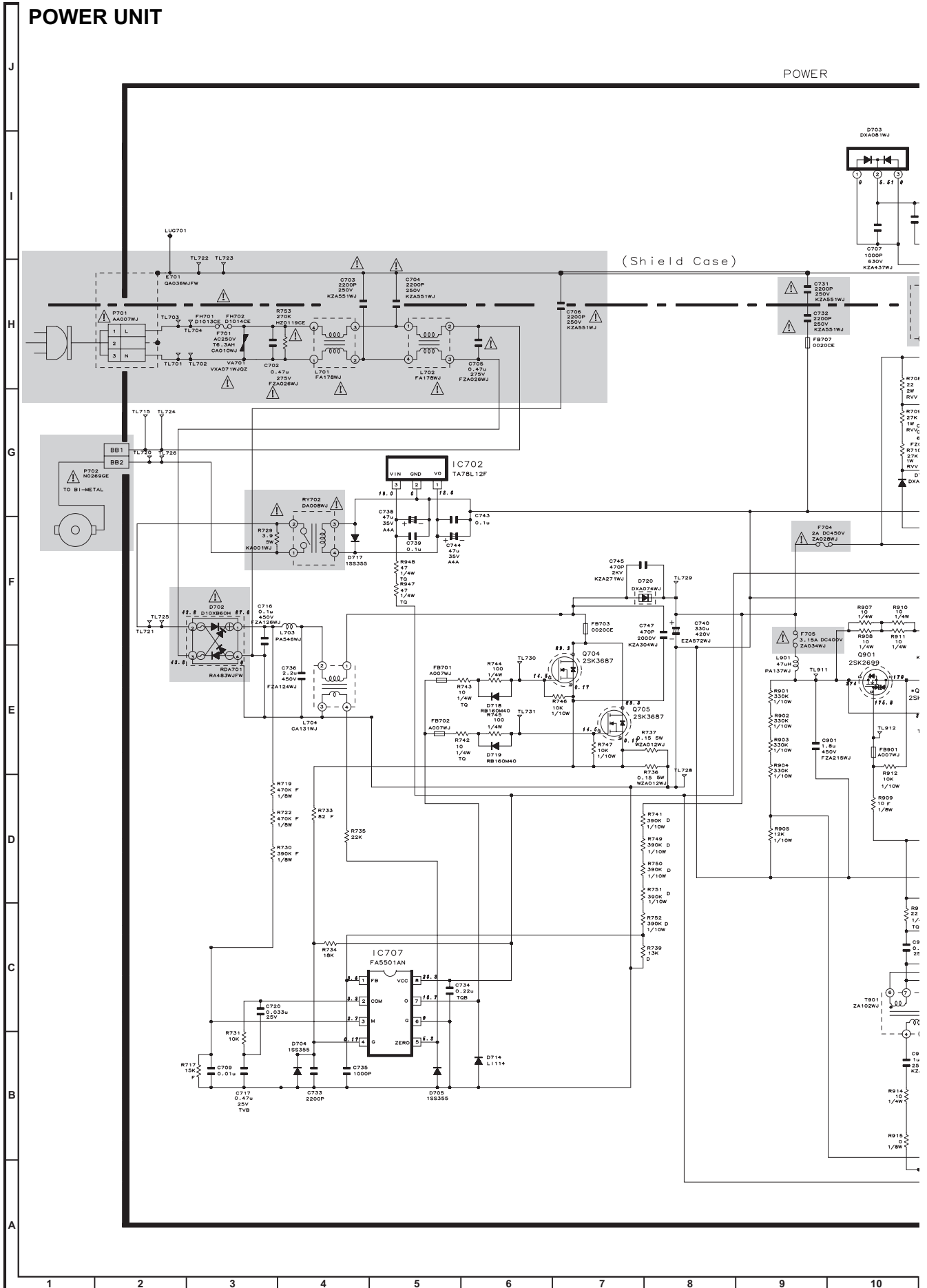




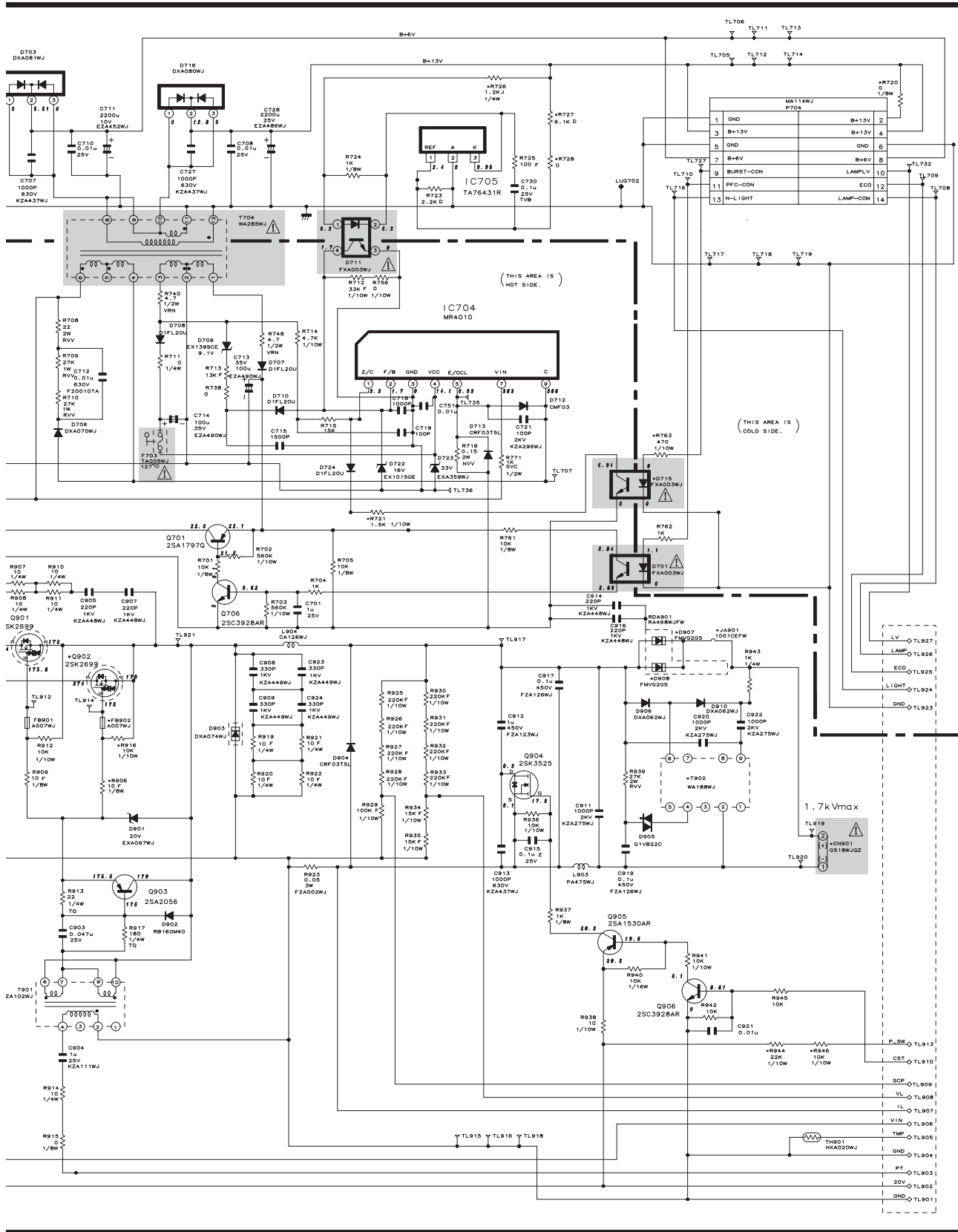


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# POWER UNIT

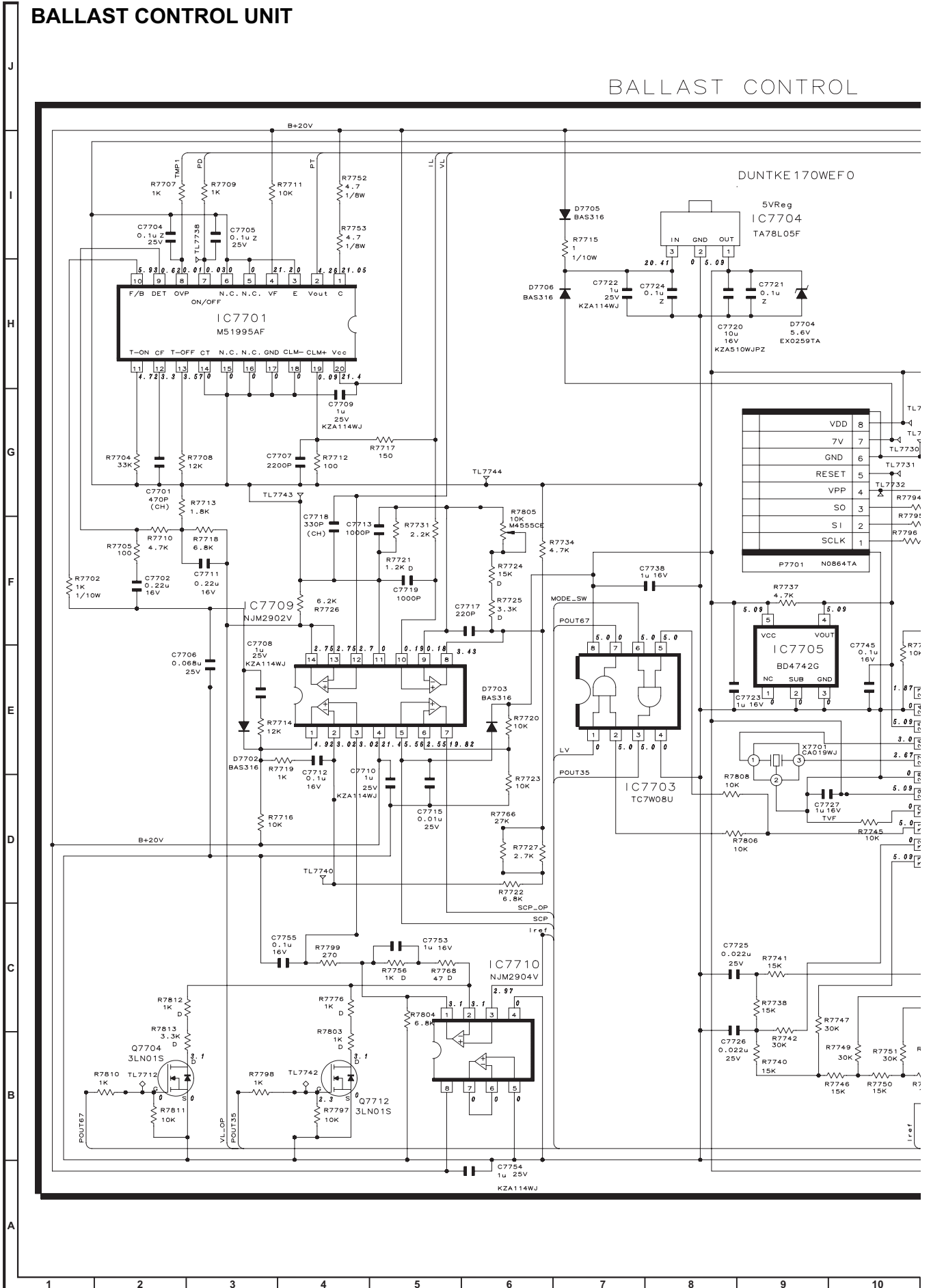


⚠ AND SHADED COMPONENTS=SAFETY RELATED PARTS



BALLAST CONTROL UNIT

BALLAST CONTROL



▲ AND SHADED COMPONENTS=SAFETY RELATED PARTS

ROL

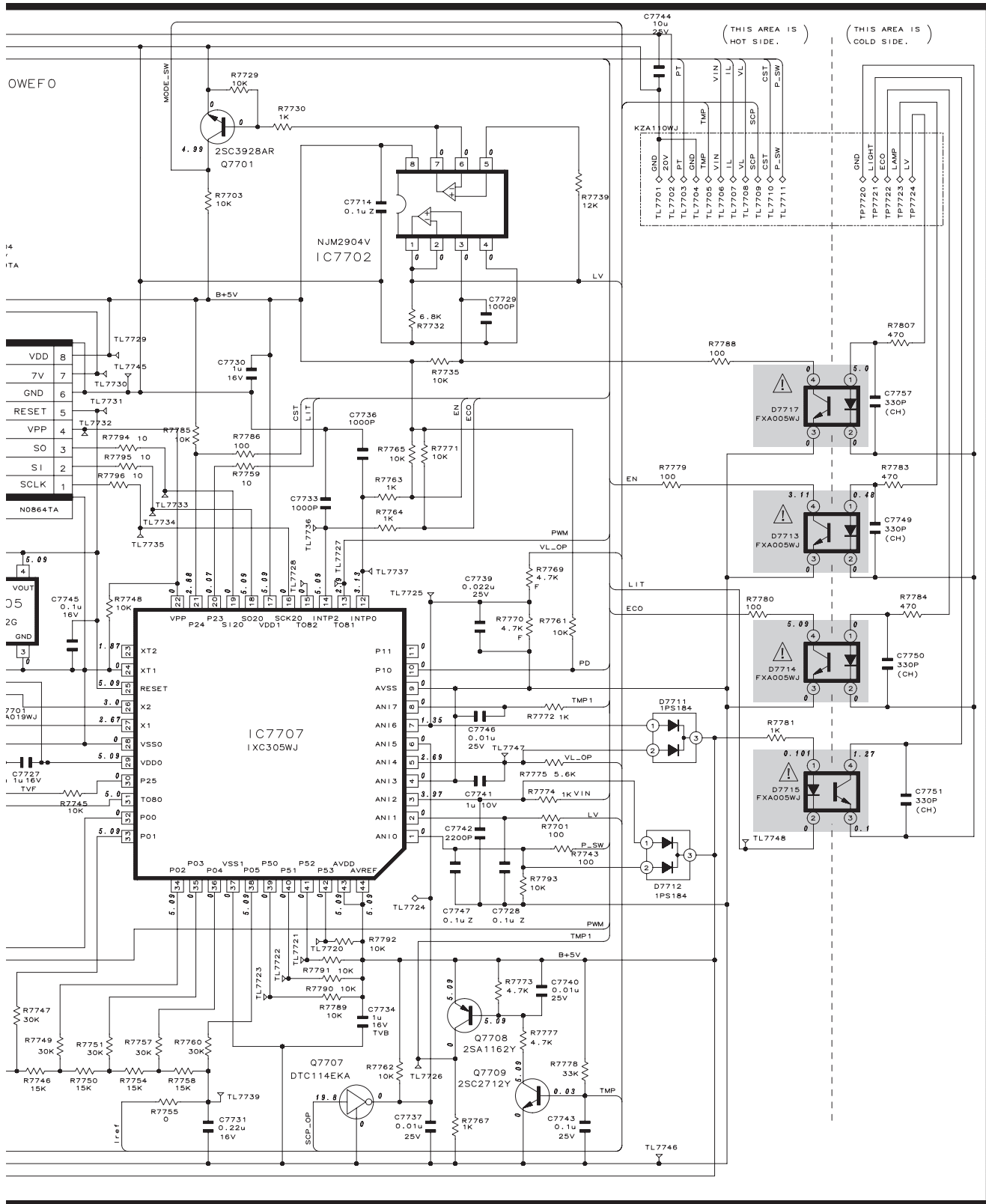
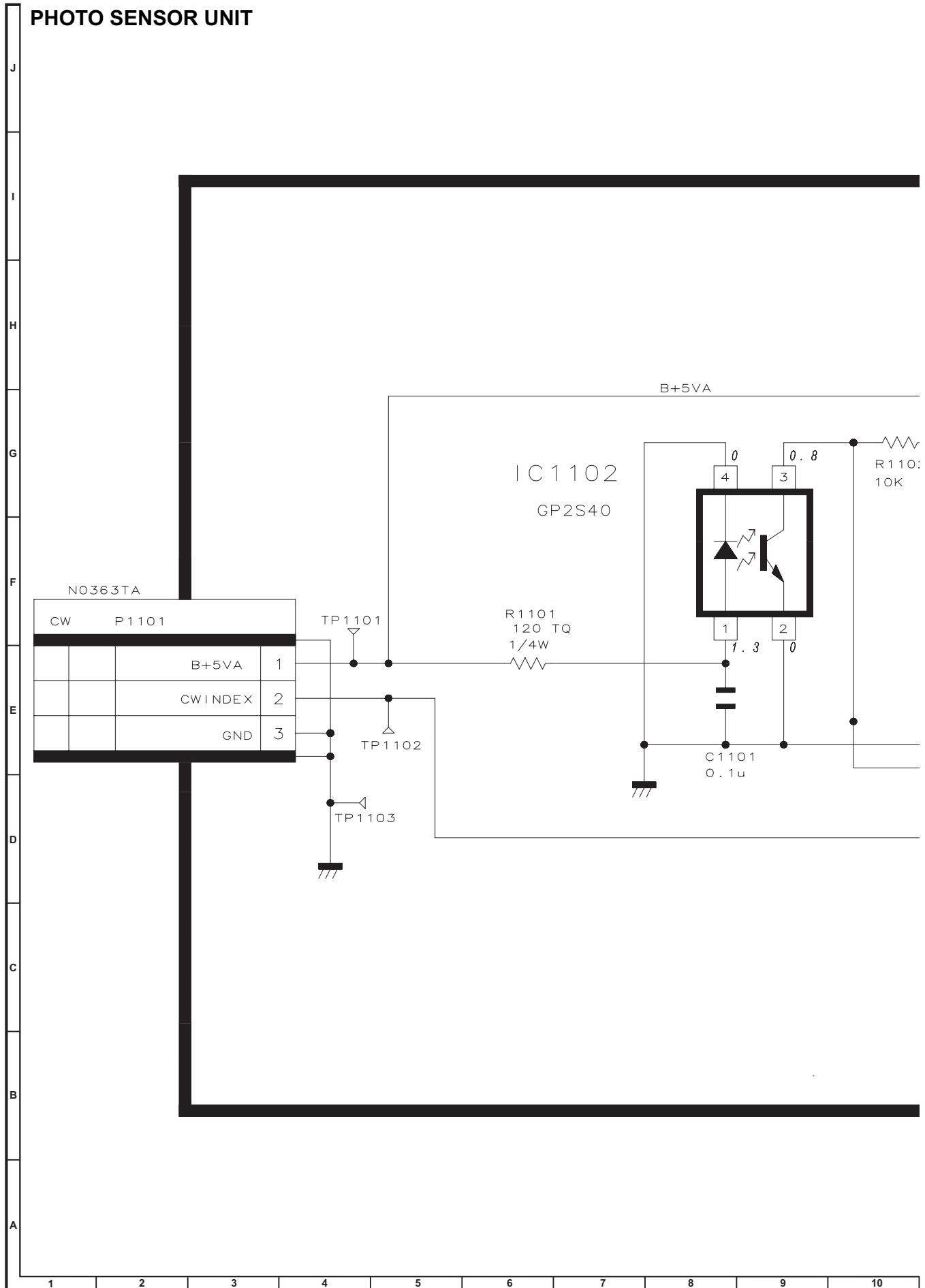
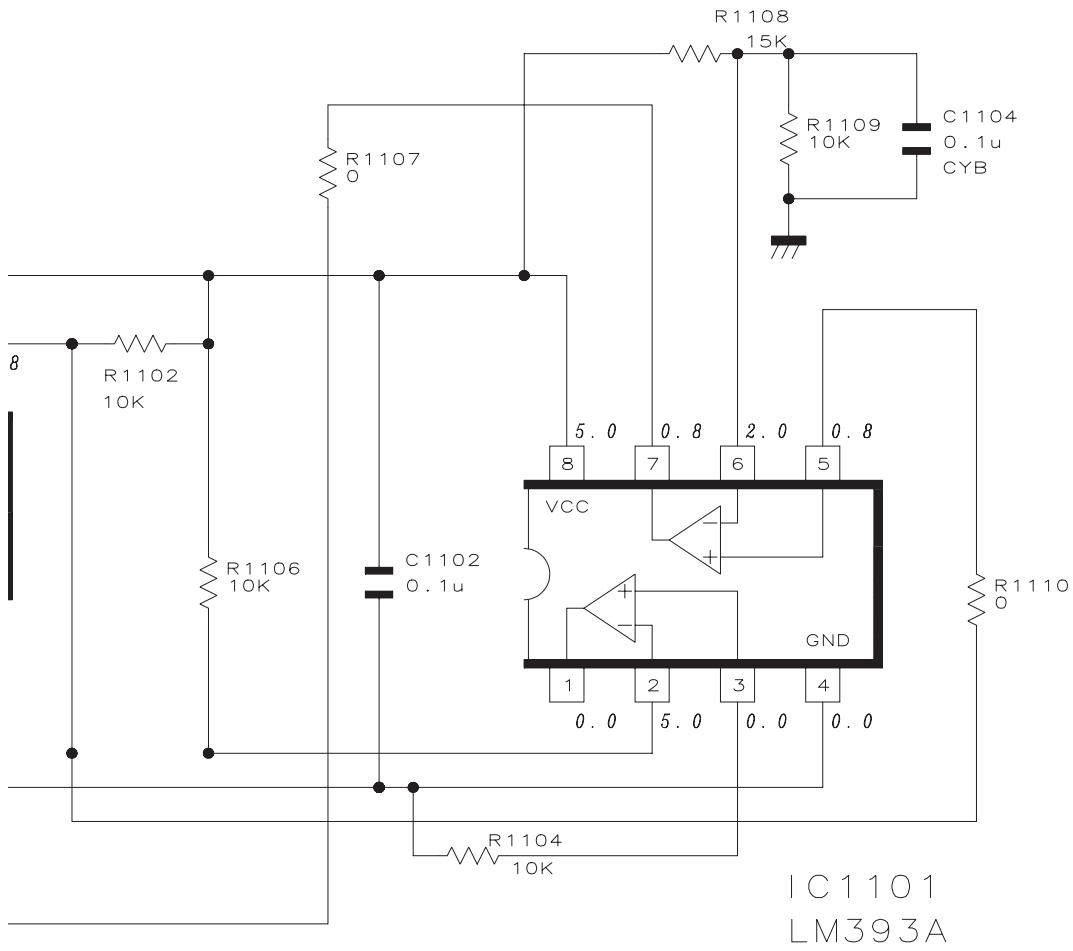


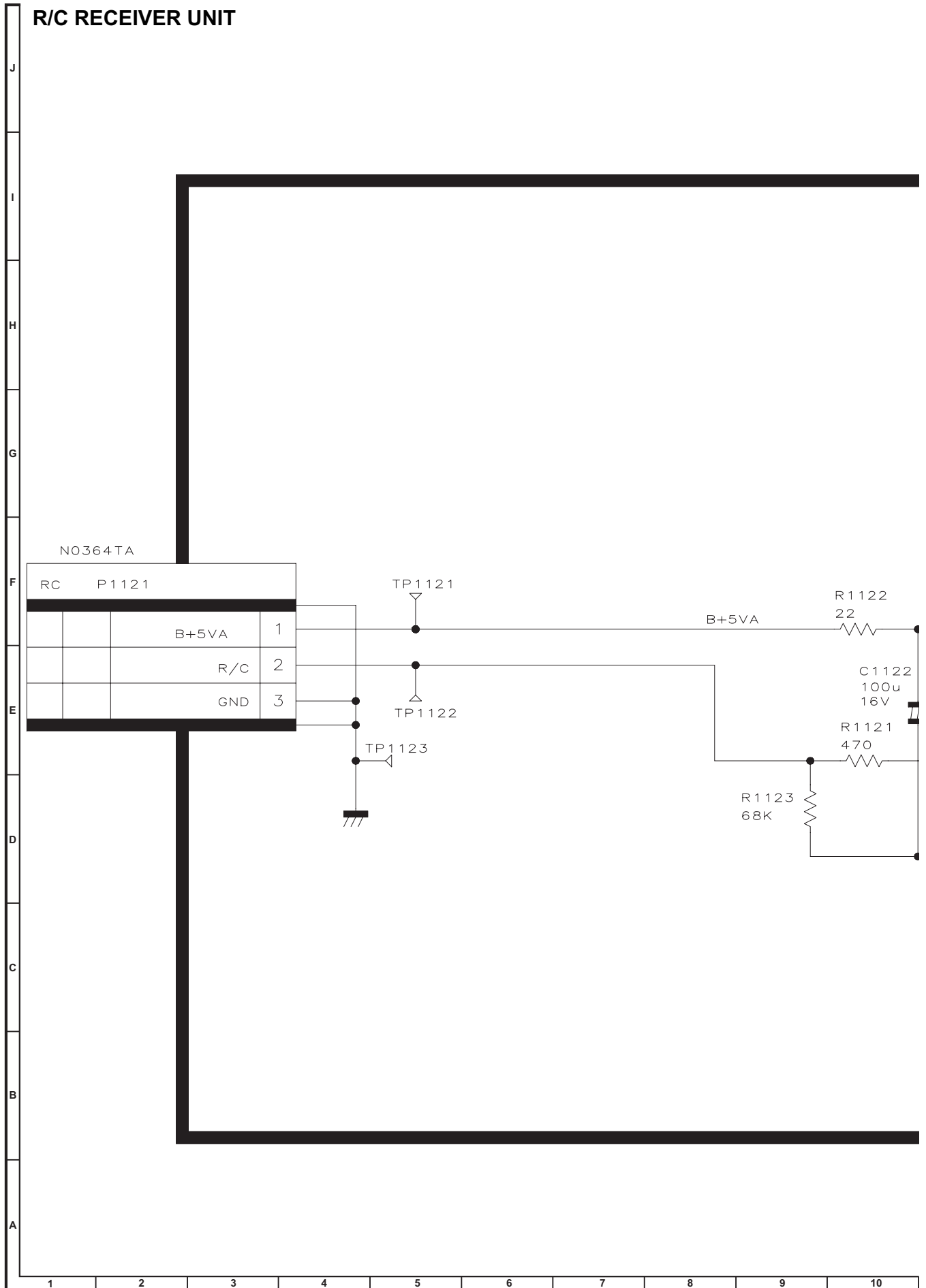
PHOTO SENSOR UNIT



# PHOTO SENSOR

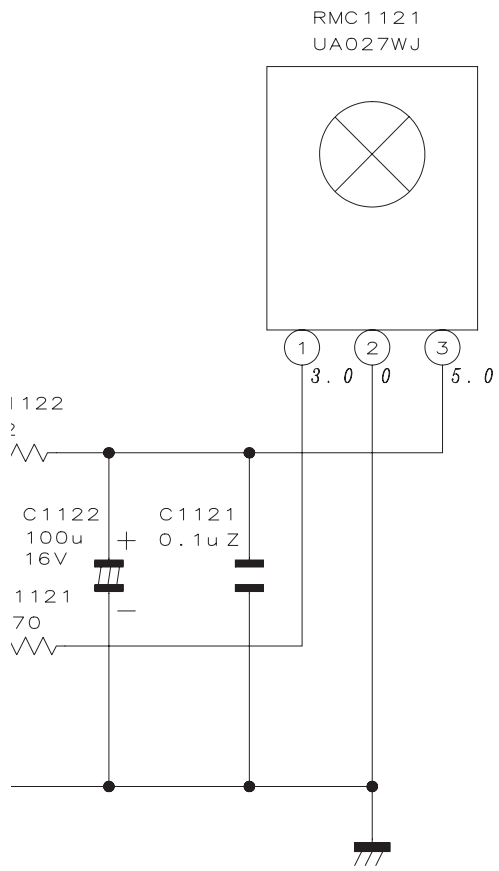


IC1101  
LM393A



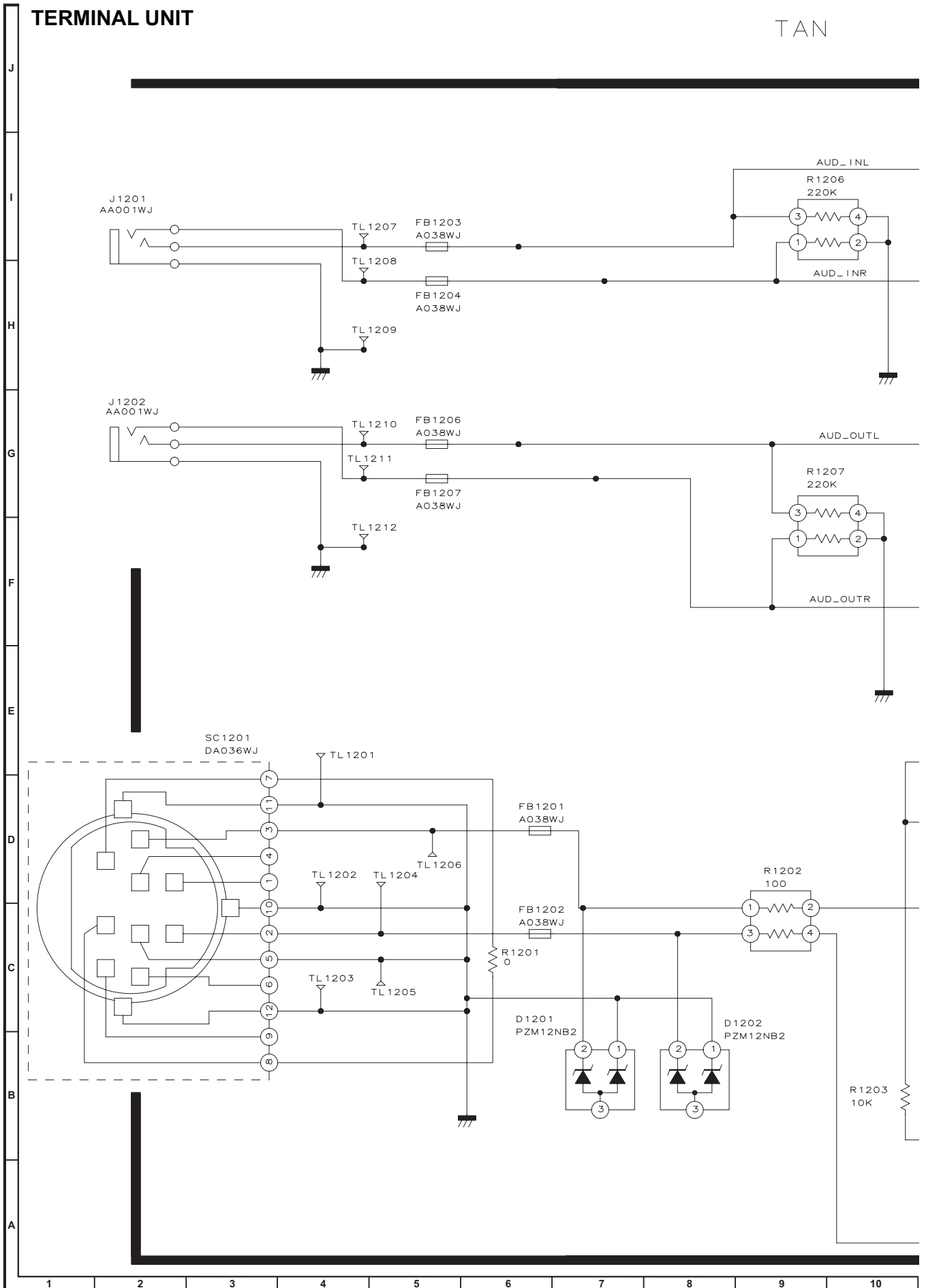


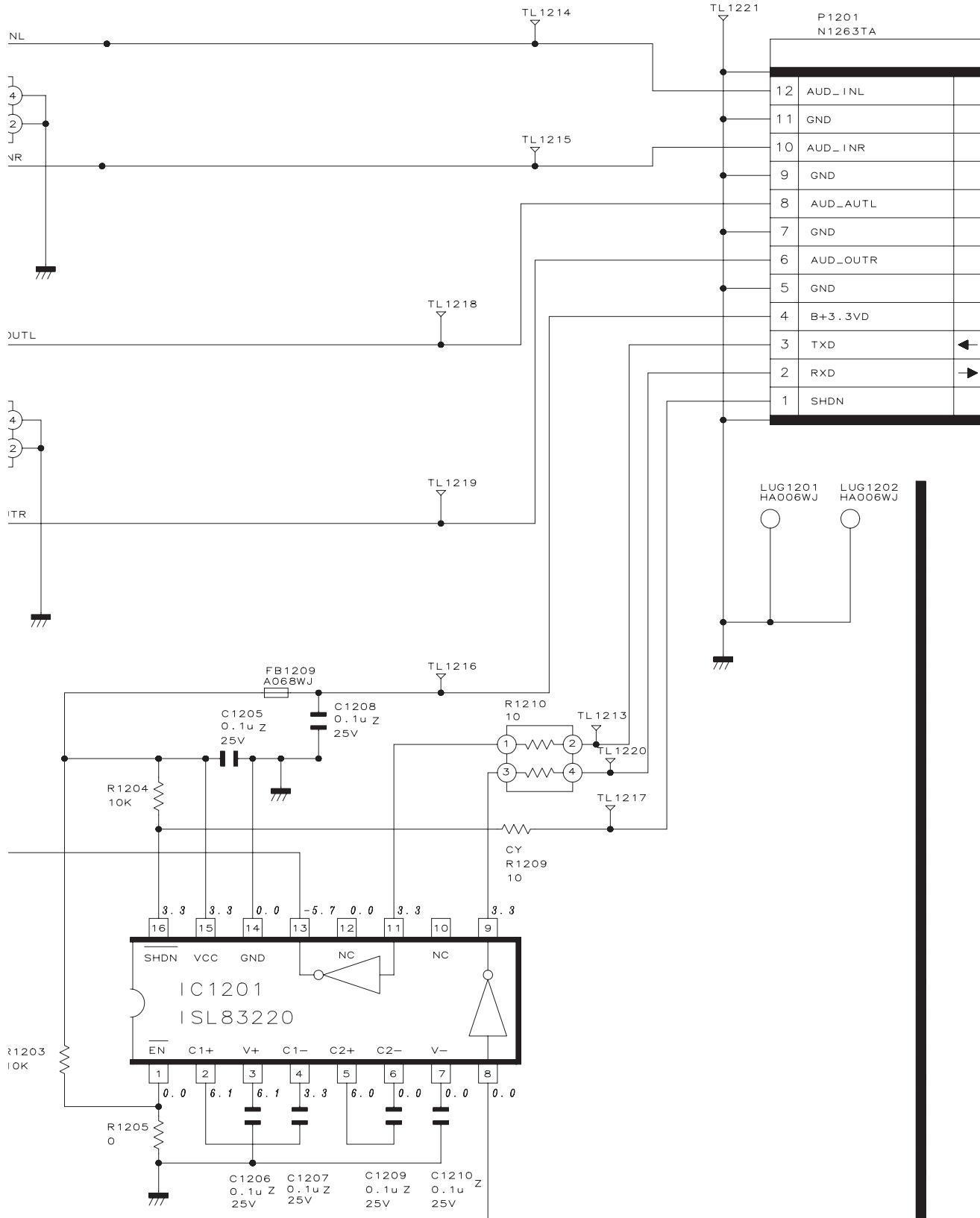
R/C



TERMINAL UNIT

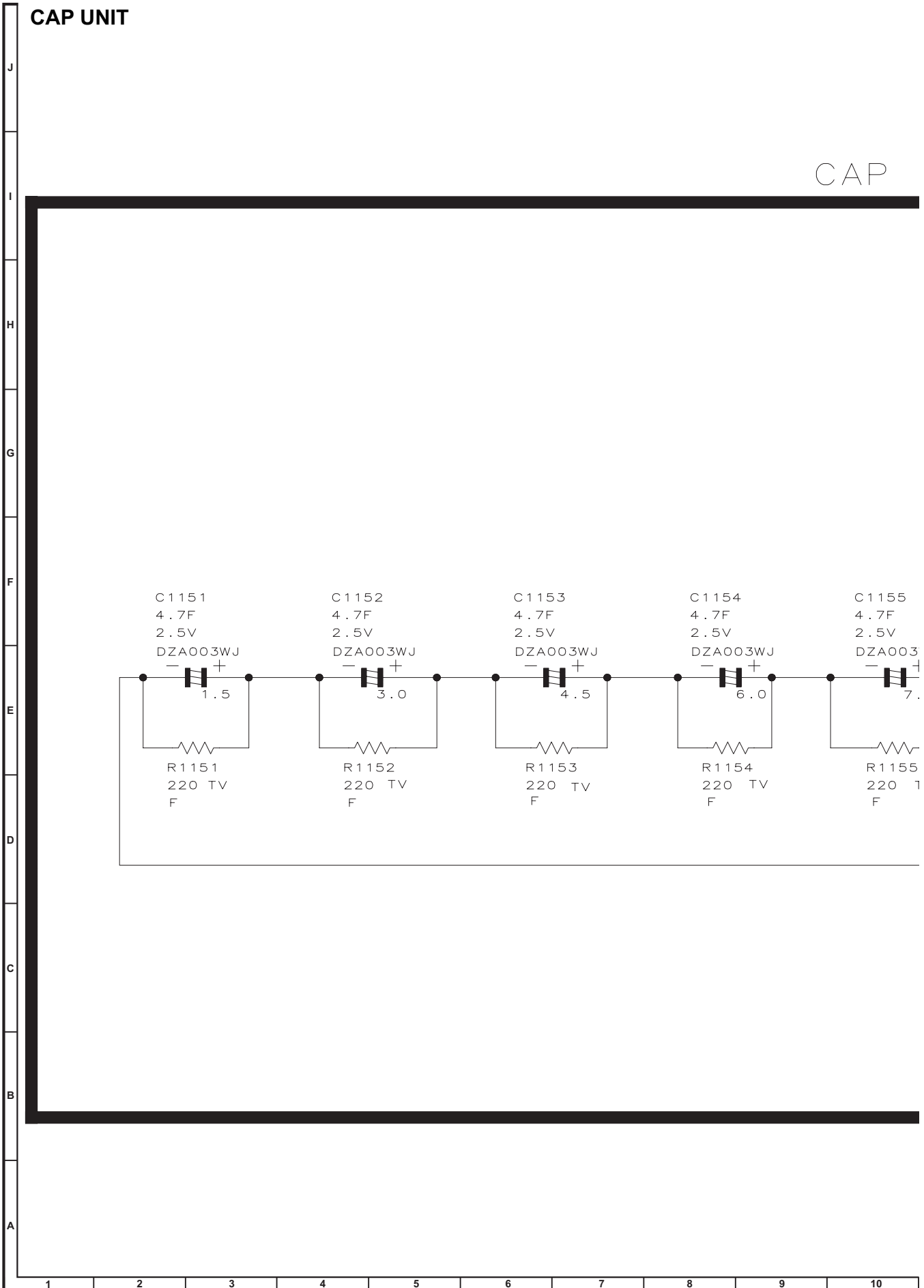
TAN



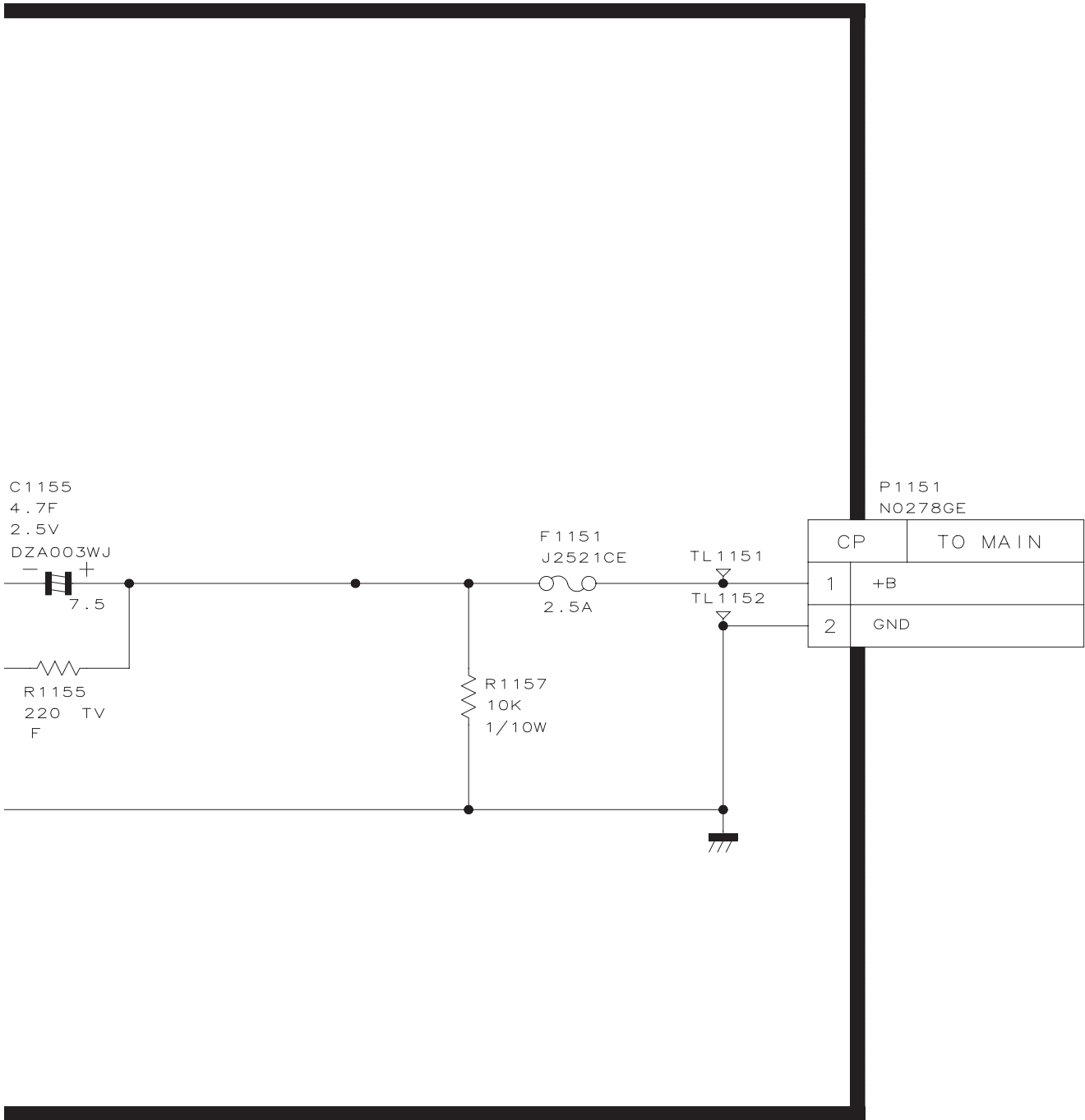


CAP UNIT

CAP



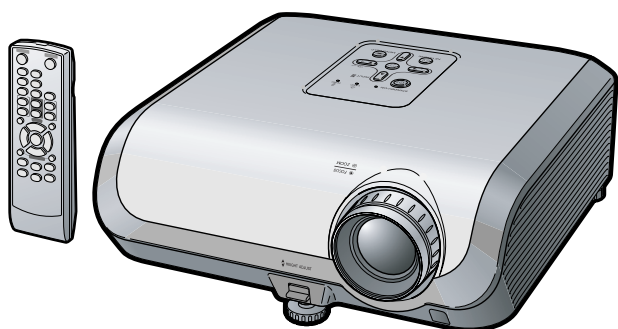
AP





# SHARP PARTS GUIDE

No. S87P4PG-F320W



## DATA PROJECTOR

# MODEL PG-F320W

**Note:**

The reference numbers on the PWB are arranged in alphabetical order.

### CONTENTS

- |  |   |
|--|---|
| [1] PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM) | [8] DUNTKE182WEF1 (TERMINAL Unit)                   |
| [2] DUNTKE167WEF0 (DMD Unit)                               | [9] DUNTKE225WEF1 (CAP Unit)                        |
| [3] DUNTKE168FMF2 (MAIN Unit)                              | [10] CABINET AND MECHANICAL PARTS                   |
| [4] DUNTKE169WEF1 (BALLAST POWER Unit)                     | [11] OPTICAL MECHANISM PARTS                        |
| [5] DUNTKE170WEF1 (BALLAST CONTROL Unit)                   | [12] SUPPLIED ACCESSORIES                           |
| [6] DUNTKE171WEF1 (PHOTO SENSOR Unit)                      | [13] PACKING PARTS (NOT REPLACEMENT ITEM)           |
| [7] DUNTKE172WEF1 (R/C RECEIVER Unit)                      | [14] 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.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[1] PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)</b>					
N	DUNTKE167WEF0	BD	N	J	DMD Unit (without the DMD chip)
N	DUNTKE168FMF2	DA	N	J	MAIN Unit
N	DSETUE169FMG1	CP		J	BALLAST POWER Ass'y (with Ballast Control Unit)
N	Not Available	-		-	BALLAST POWER Unit *Order the BALLAST POWER Ass'y (DSETUE169FMG1) when replacing ballast power unit (DUNTKE169WEF1).
N	DUNTKE170WEF1	BQ	N	J	BALLAST CONTROL Unit
N	DUNTKE171WEF1	AU	N	J	PHOTO SENSOR Unit
N	DUNTKE172WEF1	AU	N	J	R/C RECEIVER Unit
N	DUNTKE182WEF1	AY	N	J	TERMINAL Unit
N	DUNTKE225WEF1	BL	N	J	CAP Unit
<b>[2] DUNTKE167WEF0 (DMD Unit)</b>					
C9101	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C9102	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9301	RC-KZA514WJZZY	AF		J	Capacitor 3.3 50V
C9302	RC-KZA514WJZZY	AF		J	Capacitor 3.3 50V
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	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9310	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9311	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9312	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9313	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9314	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9315	RC-KZ0072TAZZY	AC		J	Capacitor 1 25V Ceramic
C9316	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9317	RC-KZ0070TAZZY	AD		J	Capacitor 4.7 16V Ceramic
C9318	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C9319	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9320	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9321	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9322	VCKYCY1HB104KY	AA		J	Capacitor 0.1 50V Ceramic
C9501	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C9502	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C9503	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9504	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C9505	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9506	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9507	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9508	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9509	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9510	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9511	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9512	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9513	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9514	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9515	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
C9516	VCKYCY1HF104ZY	AA		J	Capacitor 0.1 50V Ceramic
D9301	VHDSJPBL6+-1Y	AD	N	J	Diode SJPB-L6VL
D9302	VHDSJPBL6+-1Y	AD	N	J	Diode SJPB-L6VL
D9304	RH-EX1009GEZZY	AE		J	Zener Diode EX1009GE 9.1V
FB9301	RBLN-A191WJZZY	AB		J	Ferrite Bead
FB9302	RBLN-A191WJZZY	AB		J	Ferrite Bead
FB9303	RBLN-A191WJZZY	AB		J	Ferrite Bead
FB9501	RBLN-A191WJZZY	AB		J	Ferrite Bead
IC9301	RH-iXC119WJZZQ	CA		J	IC 2506593-0004
L9301	RCiLP0325TAZZY	AD		J	Coil 22μH
L9302	RCiLP0325TAZZY	AD		J	Coil 22μH
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
R9306	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R9501	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R9504	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R9505	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R9506	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R9507	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
SC9101	QSOCZA140WJZZQ	AZ		J	Socket 120Pin
TH9102	VHH103KT161-1Y	AE		J	Thermistor 103KT161



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
C1701	VCKYCY1EB104KY	AB		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
C1707	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1708	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1709	RC-KZA510WJPZY	AB		J	Capacitor 10 16V 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
C1713	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C1714	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1715	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C1717	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1718	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C1719	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C1720	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C1721	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C1723	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C1724	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1725	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C1726	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1727	VCEAPF1EW106MY	AC		J	Capacitor 10 25V Electrolytic
C1728	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1729	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1730	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1731	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1732	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C1733	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1734	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1735	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1736	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1737	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1738	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1741	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C1742	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1743	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1744	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C1745	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1746	RC-KZA066WJZZY	AB		J	Capacitor 1 25V Ceramic
C1748	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1749	VCKYCY1AB105KY	AB		J	Capacitor 1 10V 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	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1781	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1785	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1795	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C1796	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1797	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C1798	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C2001	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2002	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2003	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2004	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2005	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2006	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2007	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2008	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2009	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2010	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2011	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2012	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2013	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2014	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2015	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2016	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2017	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2018	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2019	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2020	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2021	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2022	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2023	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2024	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2025	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2026	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2027	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2028	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2029	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2030	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2031	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
C2033	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2036	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2037	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2038	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2039	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2040	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2041	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2042	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2043	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2044	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2045	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2046	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2048	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2049	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2050	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2051	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2052	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2053	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2054	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2055	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2056	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2057	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2058	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2060	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2061	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2062	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2064	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2065	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2066	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2067	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2068	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2069	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2070	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2079	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2080	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2081	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2085	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2086	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2087	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2088	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2091	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2092	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2094	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2095	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2096	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2097	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C2099	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C2100	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2101	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2102	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2103	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2104	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2105	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2106	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2107	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2108	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2201	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2202	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2203	VCCCY1HH102JY	AB		J	Capacitor 1000p 50V Ceramic
C2204	VCCCY1HH102JY	AB		J	Capacitor 1000p 50V Ceramic
C2205	VCCCY1HH102JY	AB		J	Capacitor 1000p 50V Ceramic
C2206	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic
C2207	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2208	VCCCY1HH102JY	AB		J	Capacitor 1000p 50V Ceramic
C2209	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2210	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2211	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2212	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2213	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2214	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2215	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2216	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2217	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2218	VCKYCY1HB272KY	AA		J	Capacitor 2700p 50V Ceramic
C2219	VCCCY1HH3R0CY	AA		J	Capacitor 3p 50V Ceramic
C2220	VCKYCY1HB272KY	AA		J	Capacitor 2700p 50V Ceramic
C2223	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2224	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2225	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2226	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2227	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2228	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2229	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2230	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2232	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
C2234	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2235	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2236	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2237	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2238	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2239	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2240	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2241	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2242	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2243	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2244	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C2245	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2246	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2247	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2248	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2249	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2250	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2251	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2252	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2253	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2254	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2255	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2256	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2257	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2258	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2259	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C2260	VCKYCY1AB105KY	AB		J	Capacitor 1 10V 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
C2265	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2266	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C2531	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
C2558	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2559	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2560	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2561	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2562	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2563	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C2801	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2802	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2803	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2804	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2805	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C2806	VCEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C2807	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2808	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C2810	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C2811	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3001	VCEAPF1AW226MY	AC		J	Capacitor 22 10V Electrolytic
C3002	VCEAPF1AW226MY	AC		J	Capacitor 22 10V Electrolytic
C3003	VCEAPF1AW226MY	AC		J	Capacitor 22 10V Electrolytic
C3004	VCEAPF1AW226MY	AC		J	Capacitor 22 10V Electrolytic
C3005	VCEAPF1AW226MY	AC		J	Capacitor 22 10V Electrolytic
C3006	VCEAPF1AW226MY	AC		J	Capacitor 22 10V Electrolytic
C3010	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3011	VCEAPF1AW226MY	AC		J	Capacitor 22 10V Electrolytic
C3012	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3013	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3014	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3015	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3051	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V 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
C3151	VCCCCY1HH820JY	AA		J	Capacitor 82p 50V Ceramic
C3152	VCCCCY1HH820JY	AA		J	Capacitor 82p 50V Ceramic
C3153	VCCCCY1HH221JY	AA		J	Capacitor 220p 50V Ceramic
C3154	VCCCCY1HH221JY	AA		J	Capacitor 220p 50V Ceramic
C3155	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V 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	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3208	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3209	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
C3210	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3211	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3212	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3213	VGEAPF0JW226MY	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
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-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3227	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3228	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3229	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3230	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3231	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3232	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3301	VGEAPF1CW226MY	AB		J	Capacitor 22 16V Electrolytic
C3302	VCCCCY1HH151JY	AA		J	Capacitor 150p 50V Ceramic
C3303	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C3304	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C3306	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3308	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C3309	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C3310	VGEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3311	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3312	VCCCCY1HH151JY	AA		J	Capacitor 150p 50V Ceramic
C3313	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C3314	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C3315	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3316	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3317	VGEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3321	VGEAPF1CW226MY	AB		J	Capacitor 22 16V Electrolytic
C3322	VCCCCY1HH151JY	AA		J	Capacitor 150p 50V Ceramic
C3323	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C3324	VCCCCY1HH681JY	AB		J	Capacitor 680p 50V Ceramic
C3326	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V 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	VCCCCY1HH220JY	AA		J	Capacitor 22p 50V Ceramic
C3357	VCCCCY1HH220JY	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	VGEAPF0JW226MY	AB		J	Capacitor 22 6.3V Electrolytic
C3367	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3368	VGEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C3369	VGEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3370	VGEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3373	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3503	VGEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3505	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3507	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3508	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3509	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3513	VGEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3514	VGEAPF1HW105MY	AB		J	Capacitor 1 50V Electrolytic
C3515	VGEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3523	VGEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3524	VGEAPF1CW106MY	AB		J	Capacitor 10 16V Electrolytic
C3531	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3533	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3535	VGEAPF0JW107MY	AC		J	Capacitor 100 6.3V Electrolytic
C3537	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3538	VGEAPF0JW227MY	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	VGEAPF1CW107MY	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	VGEAPF1EW106MY	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
C3563	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3564	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
C3565	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3566	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3567	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3569	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3570	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3571	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C3572	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3601	VCEAPF1CW226MY	AB		J	Capacitor 22 16V Electrolytic
C3801	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3802	RC-KZA387WJZZY	AF		J	Capacitor 22 10V Ceramic
C3803	RC-KZA387WJZZY	AF		J	Capacitor 22 10V Ceramic
C3805	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3806	VCAAPD1AJ686MY	AE		J	Capacitor 68 10V Electrolytic
C3807	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3808	VCKYCY1AB105KY	AB		J	Capacitor 1 10V Ceramic
C3809	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3811	VCKYTV1EB334KY	AB		J	Capacitor 0.33 25V Ceramic
C3812	VCCCCY1HH471JY	AA		J	Capacitor 470p 50V Ceramic
C3813	VCKYCY1HB152KY	AA		J	Capacitor 1500p 50V Ceramic
C3814	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C3815	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3816	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3817	VCAAPD1DJ476MY	AF		J	Capacitor 47 20V Electrolytic
C3818	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3819	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C3820	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3821	VCKYTV1EB334KY	AB		J	Capacitor 0.33 25V Ceramic
C3822	RC-KZA098WJZZY	AD		J	Capacitor 10 25V
C3824	RC-KZA098WJZZY	AD		J	Capacitor 10 25V
C3825	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C3826	RC-KZA110WJZZY	AD		J	Capacitor 10 25V Ceramic
C3827	RC-KZA110WJZZY	AD		J	Capacitor 10 25V Ceramic
C3828	VCKYTV1EB334KY	AB		J	Capacitor 0.33 25V Ceramic
C3829	VCKYCY1CB224KY	AB		J	Capacitor 0.22 16V Ceramic
C3830	RC-KZA098WJZZY	AD		J	Capacitor 10 25V
C3831	VCKYTV1EB334KY	AB		J	Capacitor 0.33 25V Ceramic
C3832	VCKYCY1EB473KY	AA		J	Capacitor 0.047 25V Ceramic
C3833	VCKYTV1EB334KY	AB		J	Capacitor 0.33 25V Ceramic
C3834	VCKYCY1CB224KY	AB		J	Capacitor 0.22 16V Ceramic
C3835	RC-KZA098WJZZY	AD		J	Capacitor 10 25V
C3836	RC-KZA098WJZZY	AD		J	Capacitor 10 25V
C3837	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3838	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C3839	RC-KZA387WJZZY	AF		J	Capacitor 22 10V Ceramic
C3840	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3841	VCAAPD0JJ127MY	AF		J	Capacitor 120 6.3V Electrolytic
C3843	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C3844	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3845	VCCCCY1HH101JY	AA		J	Capacitor 100p 50V Ceramic
C3847	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C3848	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C3849	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C8001	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8002	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8003	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8004	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8005	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8006	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8008	RC-KZA510WJPZY	AB		J	Capacitor 10 16V Ceramic
C8009	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8010	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C8011	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8012	VCEAPF1CW336MY	AD		J	Capacitor 33 16V Electrolytic
C8013	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
C8014	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8015	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8016	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8017	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8018	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8019	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8020	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8021	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8022	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8023	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8024	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8025	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8026	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8027	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8028	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8029	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8030	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8031	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C8032	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C8033	VCCCCY1HH150JY	AA		J	Capacitor 15p 50V Ceramic
C8034	VCCCCY1HH150JY	AA		J	Capacitor 15p 50V Ceramic

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
C8035	VCEAPF0JW227MY	AD		J	Capacitor 220 6.3V Electrolytic
C8036	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8037	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8038	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8039	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8040	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8041	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8202	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8203	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8204	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8205	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8206	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8207	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8208	VCEAPF0JW226MY	AB		J	Capacitor 22 6.3V Electrolytic
C8209	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8210	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8211	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8212	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8213	VCEAPF0JW227MY	AD		J	Capacitor 220 6.3V Electrolytic
C8217	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8218	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C8219	VCCCCY1HH9R0DY	AA		J	Capacitor 9p 50V Ceramic
C8220	VCCCCY1HH9R0DY	AA		J	Capacitor 9p 50V Ceramic
D1703	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D1704	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D1705	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1706	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1707	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D1708	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1709	VHDBB160M40-1Y	AC		J	Diode RB160M-40TR
D1712	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1715	VHDBB160M40-1Y	AC		J	Diode RB160M-40TR
D1716	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D1717	VHDBB160M40-1Y	AC		J	Diode RB160M-40TR
D1719	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D1720	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D1721	VHD1PS184++-1Y	AB		J	Diode 1PS184,115
D1722	VHD1PS184++-1Y	AB		J	Diode 1PS184,115
D1723	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1724	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1725	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1726	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1727	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1728	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1729	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1730	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D1733	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1734	VHDBB551V30-1Y	AC		J	Diode RB551V-30TE-17
D1735	RH-EX0266TAZZY	AB	N	J	Diode PDZ11B,115
D1761	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D2531	VHEPZM12NB2-1Y	AC		J	Zener Diode PZM12NB2
D2532	VHEPZM12NB2-1Y	AC		J	Zener Diode PZM12NB2
D2571	RH-PXA097WJZZY	AC		J	Photo Diode KPH-1608EC
D2572	RH-PXA038WJZZY	AC		J	Photo Diode (LAMP)
D2573	RH-PXA038WJZZY	AC		J	Photo Diode (POWER)
D2801	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D2802	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D2803	VHDSRC0514M-1Y	AG		J	Diode RClamp0514M.TBT
D2804	VHDSRC0514M-1Y	AG		J	Diode RClamp0514M.TBT
D2805	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D2807	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D2813	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D2814	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D3001	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3002	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3003	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3004	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3005	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3006	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3007	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3008	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3009	VHD1PS226++-1Y	AB		J	Diode 1PS226,115
D3051	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D3052	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3053	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3054	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3055	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3056	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3057	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D3101	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3103	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3301	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3311	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3321	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3331	VHDBAS316//--1Y	AB		J	Diode BAS316,115

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
D3501	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3502	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3511	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3512	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3521	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3522	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D3551	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D3552	RH-EX0265TAZZY	AB		J	Zener Diode EX0265TA 10V
D3553	RH-EX0265TAZZY	AB		J	Zener Diode EX0265TA 10V
D3801	RH-EX1226CEZZY	AB		J	Diode HZU2.4BTRF-E
D3802	VHDMURD330T-1Y	AM	N	J	Diode MURD330T4G
D3804	VHDRB160M40-1Y	AC		J	Diode RB160M-40TR
D3805	VHDRB160M40-1Y	AC		J	Diode RB160M-40TR
D3806	VHDSFPA73//2EY	AD		J	Diode SFPA-73VL
D3808	VHDSFPA73//2EY	AD		J	Diode SFPA-73VL
D3809	VHDSFPA73//2EY	AD		J	Diode SFPA-73VL
D3810	VHDRB160M40-1Y	AC		J	Diode RB160M-40TR
D3811	VHDBAT54SW+-1Y	AC		J	Diode BAT54SW,115
D3812	VHDBAT54SW+-1Y	AC		J	Diode BAT54SW,115
D3813	VHDBAT54SW+-1Y	AC		J	Diode BAT54SW,115
D3814	VHDBAT54SW+-1Y	AC		J	Diode BAT54SW,115
D8001	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D8202	VHDM157A//--1Y	AC		J	Diode MA3X157A0L
D8203	VHD1PS184+-1Y	AB		J	Diode 1PS184,115
D8204	VHDM157A//--1Y	AC		J	Diode MA3X157A0L
D8205	VHDM157A//--1Y	AC		J	Diode MA3X157A0L
D8206	VHDM157A//--1Y	AC		J	Diode MA3X157A0L
FB1701	RBLN-A213WJZZY	AB		J	Ferrite Bead
FB1702	RBLN-A213WJZZY	AB		J	Ferrite Bead
FB1703	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1704	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1705	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1706	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1707	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1708	RBLN-A042WJZZY	AB		J	Ferrite Bead
FB1709	RBLN-A042WJZZY	AB		J	Ferrite Bead
FB1710	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1711	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1712	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1713	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1714	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1716	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1717	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1718	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1719	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1721	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1723	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1724	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1726	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1727	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB1729	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1730	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB1731	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB2001	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2002	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2003	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
FB2004	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2005	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2006	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2201	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2202	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2203	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2204	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2241	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2261	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB2531	RBLN-0006TAZZY	AB		J	Ferrite Bead
FB2532	RBLN-0006TAZZY	AB		J	Ferrite Bead
FB2533	RBLN-0006TAZZY	AB		J	Ferrite Bead
FB2551	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB2552	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB2553	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB2554	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB2563	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB2801	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB2802	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB2803	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB2804	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB2805	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB2806	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3001	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB3051	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB3052	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB3053	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB3054	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3055	RBLN-A038WJZZY	AB		J	Ferrite Bead

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
FB3056	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3057	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3101	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB3102	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB3103	RBLN-A276WJZZY	AB		J	Ferrite Bead
FB3104	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3105	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3201	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3202	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3203	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3204	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3205	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3206	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3207	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3301	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3302	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3303	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3311	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3321	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB3351	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3354	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3355	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3551	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3552	RBLN-A187WJZZY	AB		J	Ferrite Bead
FB3561	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB3562	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3563	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3564	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3565	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3566	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB3801	RBLN-A303WJZZY	AB		J	Ferrite Bead
FB3804	RBLN-A186WJZZY	AA		J	Ferrite Bead
FB3805	RBLN-A186WJZZY	AA		J	Ferrite Bead
FB3806	RBLN-A186WJZZY	AA		J	Ferrite Bead
FB3807	RBLN-A186WJZZY	AA		J	Ferrite Bead
FB8005	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB8201	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB8202	RBLN-A068WJZZY	AB		J	Ferrite Bead
FB8203	RBLN-A215WJZZY	AB		J	Ferrite Bead
FB8205	RBLN-A068WJZZY	AB		J	Ferrite Bead
IC1701	VHiAHCT08PH-1Y	AE		J	IC 74AHCT08PW/G,118
IC1703	VHiPQ200WNA-1Y	AG		J	IC PQ200WNA1ZPH
IC1704	VHiTC7SH08U-1Y	AF		J	IC TC7SH08FU(TE85L,JF)
IC1705	VHiPQ1L333M-1Y	AD		J	IC PQ1L333M2SPQ
IC1706	VHiPQ200WNA-1Y	AG		J	IC PQ200WNA1ZPH
IC1707	VHiLV4053FT-1Y	AE		J	IC TC74LVX4053FT(EL)
IC1709	VHiTC7SH08U-1Y	AF		J	IC TC7SH08FU(TE85L,JF)
IC1710	VHiTC7SH08U-1Y	AF		J	IC TC7SH08FU(TE85L,JF)
IC1711	VHiTC7SH08U-1Y	AF		J	IC TC7SH08FU(TE85L,JF)
IC1761	VHiPQ200WNA-1Y	AG		J	IC PQ200WNA1ZPH
IC1764	VHiPQ1MX55M-1Y	AD		J	IC PQ1MX55M2SPQ
IC1792	VHiPQ200WNA-1Y	AG		J	IC PQ200WNA1ZPH
IC2001	RH-iXB998WJN1Q	CD	N	J	IC 2507605-0002
IC2201	VHiCDCD5704-1Y	BB		J	IC CDCD5704PWR
IC2204	VHiCCDLP223-1Y	BE		J	IC CDCDLP223PWR
IC2205	VHiEDX511CC-1Q	BX		J	IC EDX5116ACSE-3C-E
IC2232	RH-iXB742WJZZQ	AX		J	IC K4S641632K-UC75
IC2261	VHiBR24L32F-1Y	AG		J	IC BR24L32F-WE2
IC2262	RH-iXC229WJZZQ	BB	N	J	IC iXC229WJ (Program Data F-ROM)
IC2531	VHiNC7WZ125-1Y	AD		J	IC NC7WZ125K8X
IC2562	VHiLV4053FT-1Y	AE		J	IC TC74LVX4053FT(EL)
IC2801	RH-iXC260WJZZS	AH		J	IC iXC260WJ (EEPROM PC-D)
IC2802	VHiLV4053FT-1Y	AE		J	IC TC74LVX4053FT(EL)
IC2803	RH-iXC261WJZZS	AH		J	IC iXC261WJ (EEPROM HDCP)
IC2804	VHiLV4053FT-1Y	AE		J	IC TC74LVX4053FT(EL)
IC2805	RH-iXC259WJZZS	AH		J	IC iXC259WJ (EEPROM Analog)
IC2806	VHiPQ1L333M-1Y	AD		J	IC PQ1L333M2SPQ
IC2807	VHiAHCT08PH-1Y	AE		J	IC 74AHCT08PW/G,118
IC2808	VHiPCA9559+-1Y	AN		J	IC PCA9559PW/G,118
IC3001	VHiLT6555GN-1Y	AS		J	IC LT6555CGN#TRPBF
IC3051	RH-iXC259WJZZS	AH		J	IC iXC259WJ (EEPROM Analog)
IC3101	VHiVHCT125A-1Y	AE		J	IC TC74VHCT125AFT(EL)
IC3152	VHiLCX157MT-1Y	AE		J	IC 74LCX157MTCX
IC3201	VHiMST3362K-1Q	BU		J	IC MST3362MK-LF-170
IC3351	VHiTVP5146M-1Q	BR		J	IC TVP5146PFP
IC3352	VHiPQ018EZ5-1Y	AF		J	IC PQ018EZ5MZPH
IC3501	VHiLV4053AT-1Y	AE		J	IC SN74LV4053APWR
IC3533	VHiBA3530FS-1Y	AM		J	IC BA3530FS-E1
IC3551	VHiDA7056AT-1Y	AM		J	IC TDA7056AT/N2,518
IC3552	VHiPQ200WNA-1Y	AG		J	IC PQ200WNA1ZPH
IC3561	VHiMB8346BV-1Y	AN		J	IC MB88346BPV-F-G-BND-EFE1
IC3562	RH-iXA966WJZZY	AZ		J	IC PIC16F819-I/SS
IC3801	VHiBD5246G+-1Y	AE		J	IC BD5246G-TR
IC3802	RH-iXB689WJN1Q	BM	N	J	IC 2506224-0002
IC3803	VHiMP1583+-1Y	AH		J	IC MP1583DN-LF-Z



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
IC3804	VH i TC7SH08U-1Y	AF		J	IC TC7SH08FU(TE85L,JF)
IC3807	VH i BD5246G+-1Y	AE		J	IC BD5246G-TR
IC3808	VH i BD5246G+-1Y	AE		J	IC BD5246G-TR
IC8001	VH i HD7618BG-1Q	BK		J	IC HD6417618BGN100V
IC8002	VH i PQ1MX55M-1Y	AD		J	IC PQ1MX55M2SPQ
IC8003	VH i M24C16W6-1Y	AG		J	IC M24C16-WMN6TP
IC8004	RH- i XC253WJZZQ	BF	N	J	IC M29W160EB70N6E
IC8005	RH- i XB742WJZZQ	AX		J	IC K4S641632K-UC75
IC8006	VH i BD5227G+-1Y	AD		J	IC BD5227G-TR
IC8007	VH i TC7SH08U-1Y	AF		J	IC TC7SH08FU(TE85L,JF)
IC8008	VH i TC7SH125-1Y	AD		J	IC TC7SH125FU(TE85L,F
IC8009	VH i TC7SZ08U-1Y	AE		J	IC TC7SZ08FU(TE85L,F)
IC8201	VH i RTL8201D-1Q	AY		J	IC RTL8201CP-VC-LF
J2501	QSOCZA074WJZZ	AD		J	Jack USB
J3301	QJAKZA026WJZZ	AG		J	Jack S-Video In/Video In/Audio In
J8201	QJAKZA023WJZZ	AS		J	Jack LAN
L1701	VPCUN150KR63NY	AC		J	Peaking 15μH
L1703	VPCUN150KR63NY	AC		J	Peaking 15μH
L1704	VPCUN150KR63NY	AC		J	Peaking 15μH
L1705	VPCUN150KR63NY	AC		J	Peaking 15μH
L1706	VPCUN330K1R4NY	AC		J	Peaking 33μH
L1707	VPCUN150KR63NY	AC		J	Peaking 15μH
L1708	VPCUN150KR63NY	AC		J	Peaking 15μH
L2801	RC i LFA116WJZZY	AE		J	Coil
L2802	RC i LFA116WJZZY	AE		J	Coil
L2803	RC i LFA116WJZZY	AE		J	Coil
L2804	RC i LFA116WJZZY	AE		J	Coil
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
L3801	RC i LPA195WJZZY	AD		J	Coil 10μH
L3802	VPCUN150KR63NY	AC		J	Peaking 15μH
L3803	RC i LPA887WJZZY	AG		J	Coil 15μH
L3804	RC i LPA087WJZZY	AE		J	Coil 33μH
L3805	RC i LPA084WJZZY	AE		J	Coil 10μH
L3806	VPCUN150KR63NY	AC		J	Peaking 15μH
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)
P1706	QPLGN0464TAZZY	AC		J	Plug 4Pin (CAP)
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	QPLGZA027WJZZQ	AZ		J	Plug 122Pin
P2551	QPLGN1263TAZZY	AD		J	Plug 12Pin (TA)
P3551	QPLGN0264TAZZY	AC		J	Plug 2Pin (SO)
P3562	QPLGN0363TAZZY	AC		J	Plug 3Pin (TH2)
Q1701	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q1702	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TLE
Q1703	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TLE
Q1704	VSRTOQ35P02-1Y	AD		J	Transistor RTQ035P02TR
Q1705	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q1706	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q1707	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q1708	VS2SA1797Q+-1Y	AD		J	Transistor 2SA1797 T100 Q
Q1710	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TLE
Q1711	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TLE
Q1712	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TLE
Q1715	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q1721	VSRDTA114EE-1Y	AB		J	Transistor PDTA114EE,115
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
Q2576	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
Q2801	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
Q2802	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
Q2803	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
Q2804	VSUM6K1NTN+-1Y	AC		J	Transistor UM6K1N TN
Q3001	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q3101	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
Q3104	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
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

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
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
Q3801	VSMCH3405+-1Y	AD		J	Transistor MCH3405-TLE
Q3802	VSTPC8021H+-1Y	AG	N	J	Transistor TPC8021-H(TE12L,Q)
Q3805	VSRTQ035P02-1Y	AD		J	Transistor RTQ035P02TR
Q3806	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q8001	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
Q8002	VSRDTC114EE-1Y	AA		J	Transistor PDTC114EE,115
R1701	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1702	VRS-CY1JF472JY	AA		J	Resistor 4.7k 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
R1706	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1708	VRS-CY1JF271JY	AA		J	Resistor 270 1/16W Metal Oxide
R1709	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R1710	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R1714	VRS-TW2HF1R0JY	AA		J	Resistor 1 1/2W Metal Oxide
R1715	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R1716	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R1719	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1720	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1721	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R1722	VRS-CY1JF622FY	AA		J	Resistor 6.2k 1/16W Metal Oxide
R1723	VRS-CY1JF122JY	AA		J	Resistor 1.2k 1/16W Metal Oxide
R1724	VRS-CY1JF392FY	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-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1728	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R1729	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1730	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1731	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R1732	VRS-TW2HF2R2JY	AA		J	Resistor 2.2 1/2W Metal Oxide
R1733	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1734	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1735	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1736	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R1737	VRS-TW2HF471JY	AA		J	Resistor 470 1/2W Metal Oxide
R1738	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1739	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R1740	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1741	VRS-CY1JF103FY	AA		J	Resistor 10k 1/16W Metal Oxide
R1742	VRS-CY1JF392FY	AA		J	Resistor 3.9k 1/16W Metal Oxide
R1743	VRS-CY1JF680JY	AA		J	Resistor 68 1/16W Metal Oxide
R1744	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1745	VRS-TW2HF1R0JY	AA		J	Resistor 1 1/2W Metal Oxide
R1746	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R1748	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1749	VRS-TW2HF2R7JY	AA		J	Resistor 2.7 1/2W Metal Oxide
R1750	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1751	VRS-CY1JF471JY	AA		J	Resistor 470 1/16W Metal Oxide
R1752	VRS-CY1JF123FY	AA		J	Resistor 12k 1/16W Metal Oxide
R1753	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R1754	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R1755	VRS-TW2HF471JY	AA		J	Resistor 470 1/2W Metal Oxide
R1756	VRS-CY1JF103FY	AA		J	Resistor 10k 1/16W Metal Oxide
R1757	VRS-TW2HF2R7JY	AA		J	Resistor 2.7 1/2W Metal Oxide
R1758	VRS-CY1JF680JY	AA		J	Resistor 68 1/16W Metal Oxide
R1762	VRS-CY1JF682FY	AA		J	Resistor 6.8k 1/16W Metal Oxide
R1763	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R1764	VRS-TW2HF1R0JY	AA		J	Resistor 1 1/2W Metal Oxide
R1765	VRS-TW2HF1R0JY	AA		J	Resistor 1 1/2W Metal Oxide
R1766	VRS-CY1JF222FY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R1768	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1769	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1770	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1771	VRS-CY1JF473FY	AA		J	Resistor 47k 1/16W Metal Oxide
R1772	VRS-CY1JF273FY	AA		J	Resistor 27k 1/16W Metal Oxide
R1773	VRS-CY1JF152FY	AA		J	Resistor 1.5k 1/16W Metal Oxide
R1776	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R1778	VRS-TV1JD102JY	AA		J	Resistor 1k 1/10W Metal Oxide
R1779	VRS-CY1JF152JY	AA		J	Resistor 1.5k 1/16W Metal Oxide
R1780	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R1782	VRS-CY1JF392FY	AA		J	Resistor 3.9k 1/16W Metal Oxide
R1783	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R1784	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R1785	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
R1787	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1789	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1790	VRS-TW2HF471JY	AA		J	Resistor 470 1/2W Metal Oxide
R1793	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1795	VRS-TW2HF1R0JY	AA		J	Resistor 1 1/2W Metal Oxide
R1796	VRS-TW2HF471JY	AA		J	Resistor 470 1/2W Metal Oxide
R1797	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R1799	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1801	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R1804	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R1805	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1806	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1807	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1808	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1809	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1810	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1811	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1814	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R1824	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2001	VRS-CJ1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2010	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2011	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2012	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2013	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2014	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2015	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2016	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2017	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2018	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2019	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2020	VRS-CJ1JF152JY	AA		J	Resistor 1.5k 1/16W Metal Oxide
R2021	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2022	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2023	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2024	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2025	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2026	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2027	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2028	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2029	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2030	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2031	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2032	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2033	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2034	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2035	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2036	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R2037	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2038	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R2039	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2040	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2044	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2047	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2048	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2049	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2050	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2051	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2052	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2053	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2054	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2055	VRS-CY1JF151FY	AA		J	Resistor 150 1/16W Metal Oxide
R2056	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2057	VRS-CY1JF750FY	AA		J	Resistor 75 1/16W Metal Oxide
R2058	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2059	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2061	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2064	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2065	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2067	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2068	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2069	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2071	VRS-CY1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R2072	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2201	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2202	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2203	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2204	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2205	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2206	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2207	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2208	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2211	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2212	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2213	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2214	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
R2219	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2221	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2225	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2226	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2227	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2229	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2231	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2232	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2233	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2234	RR-SZA054WJZZY	AA		J	Resistor 40.2
R2235	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2238	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2239	RR-SZA054WJZZY	AA		J	Resistor 40.2
R2240	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2241	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2242	RR-SZA059WJZZY	AA		J	Resistor 348
R2243	RR-SZA060WJZZY	AA		J	Resistor 475
R2244	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2245	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2246	RR-SZA062WJZZY	AA		J	Resistor 33.2
R2247	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2248	RR-SZA062WJZZY	AA		J	Resistor 33.2
R2249	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2250	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2251	RR-SZA055WJZZY	AA		J	Resistor 49.9
R2252	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2253	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2254	RR-SZA062WJZZY	AA		J	Resistor 33.2
R2255	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2256	VRS-CJ1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2257	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2258	RR-SZA062WJZZY	AA		J	Resistor 33.2
R2259	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2260	RR-SZA056WJZZY	AA		J	Resistor 52.3
R2261	VRS-CJ1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2262	RR-SZA058WJZZY	AA		J	Resistor 169
R2263	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2264	VRS-CJ1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2265	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2266	RR-SZA056WJZZY	AA		J	Resistor 52.3
R2267	RR-SZA058WJZZY	AA		J	Resistor 169
R2268	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2269	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2270	RR-SZA053WJZZY	AA		J	Resistor 39.2
R2271	RR-SZA057WJZZY	AA		J	Resistor 64.9
R2272	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2276	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2277	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2283	VRS-CY1JF103FY	AA		J	Resistor 10k 1/16W Metal Oxide
R2284	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2286	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2287	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2501	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2502	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2503	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2504	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2505	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2506	VRS-CY1JF330JY	AA		J	Resistor 33 1/16W Metal Oxide
R2528	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2529	VRS-CY1JF100JY	AA		J	Resistor 10 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
R2533	VRS-CY1JF222JY	AA		J	Resistor 2.2k 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
R2536	VRS-CY1JF332JY	AA		J	Resistor 3.3k 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
R2555	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2556	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2559	VRS-CJ1JF103JY	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
R2564	VRS-CJ1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2566	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2570	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 1/10W Metal Oxide
R2578	VRS-TV1JD471JY	AA		J	Resistor 470 1/10W Metal Oxide
R2579	VRS-TV1JD681JY	AA		J	Resistor 680 1/10W Metal Oxide
R2582	VRS-TV1JD471JY	AA		J	Resistor 470 1/10W Metal Oxide
R2583	VRS-TV1JD681JY	AA		J	Resistor 680 1/10W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
R2801	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2802	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2803	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2804	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R2805	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R2806	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R2807	VRS-CY1JF473JY	AA		J	Resistor 47k 1/16W Metal Oxide
R2810	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2811	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2812	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2813	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2814	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2815	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2816	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2819	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2821	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2822	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2824	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2825	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2826	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2827	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2828	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2829	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2830	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2831	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2832	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2833	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2834	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2835	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2836	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R2837	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2838	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2840	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2841	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2842	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2843	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2844	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R2845	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2846	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2847	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R2849	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2850	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2851	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2852	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R2853	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2854	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2855	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2856	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2857	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2865	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2866	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2867	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R2868	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R2870	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3001	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3002	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3003	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3004	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3005	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3006	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3007	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3008	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3009	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3010	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3011	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3012	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3013	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3014	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3015	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3016	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3017	VRS-CY1JF393JY	AA		J	Resistor 39k 1/16W Metal Oxide
R3018	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3019	VRS-CY1JF223FY	AA		J	Resistor 22k 1/16W Metal Oxide
R3021	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3022	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3023	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3024	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3025	VRS-TW2ED750JY	AA		J	Resistor 75 1/4W Metal Oxide
R3040	VRS-CY1JF392JY	AA		J	Resistor 3.9k 1/16W Metal Oxide
R3042	VRS-CY1JF471JY	AA		J	Resistor 470 1/16W Metal Oxide
R3044	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3050	VRS-CY1JF000JY	AA		J	Resistor 0 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

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
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-CY1JF000JY	AA		J	Resistor 0 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
R3106	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3107	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-CJ1JF151JY	AA		J	Resistor 150 1/16W Metal Oxide
R3202	VRS-CJ1JF151JY	AA		J	Resistor 150 1/16W Metal Oxide
R3203	VRS-CJ1JF151JY	AA		J	Resistor 150 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-CJ1JF100JY	AA		J	Resistor 10 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
R3228	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3229	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3230	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3231	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3232	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3233	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3234	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3235	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3236	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3237	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3238	VRS-CY1JF100FY	AB		J	Resistor 10 1/16W Metal Oxide
R3239	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3240	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3241	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3242	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3244	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3245	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3246	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3301	VRS-TV1JD750FY	AA		J	Resistor 75 1/10W 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
R3305	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3306	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3307	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3308	VRS-CY1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R3309	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3310	VRS-CY1JF220JY	AA		J	Resistor 22 1/16W Metal Oxide
R3311	VRS-TV1JD750FY	AA		J	Resistor 75 1/10W 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
R3316	VRS-CY1JF220JY	AA		J	Resistor 22 1/16W Metal Oxide
R3317	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3318	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3320	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3321	VRS-TV1JD750FY	AA		J	Resistor 75 1/10W 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

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
R3325	VRS-CY1JF470JY	AA		J	Resistor 47 1/16W Metal Oxide
R3326	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3327	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3328	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3329	VRS-CY1JF222JY	AA		J	Resistor 2.2k 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
R3355	VRS-CY1JF223JY	AA		J	Resistor 22k 1/16W Metal Oxide
R3356	VRS-CY1JF222JY	AA		J	Resistor 2.2k 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-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3370	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3372	VRS-TW2HF1R0JY	AA		J	Resistor 1 1/2W Metal Oxide
R3378	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3501	VRS-CH1JF104JY	AA		J	Resistor 100k 1/16W Metal Oxide
R3502	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3503	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3504	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3505	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3506	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3508	VRS-CY1JF103JY	AA		J	Resistor 10k 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
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-TW2HF2R7JY	AA		J	Resistor 2.7 1/2W Metal Oxide
R3558	VRS-TW2HF2R7JY	AA		J	Resistor 2.7 1/2W 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-CJ1JF100JY	AA		J	Resistor 10 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
R3571	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3572	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3576	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3577	VRN-CY1JF472DY	AA		J	Resistor 4.7k 1/16W Metal Film
R3578	VRS-CY1JF184FY	AA		J	Resistor 180k 1/16W Metal Oxide
R3580	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3582	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3583	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W 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
R3803	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3805	VRS-CY1JF472FY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R3806	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R3807	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R3809	VRS-CY1JF103FY	AA		J	Resistor 10k 1/16W Metal Oxide
R3810	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
R3811	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R3812	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3813	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R3814	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3816	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R3817	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3818	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R3820	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R3821	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3822	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3823	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3824	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3825	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3826	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3827	VRS-CY1JF271FY	AA		J	Resistor 270 1/16W Metal Oxide
R3828	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3829	VRS-CY1JF152FY	AA		J	Resistor 1.5k 1/16W Metal Oxide
R3830	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3831	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R3832	VRS-CY1JF222FY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R3834	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R3835	VRS-TW2HF2R7JY	AA		J	Resistor 2.7 1/2W Metal Oxide
R3837	VRS-TQ2EDR47FY	AC		J	Resistor 0.47 1/4W Metal Oxide
R3838	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3839	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R3841	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3842	VRS-CY1JF102FY	AA		J	Resistor 1k 1/16W Metal Oxide
R3843	VRS-CY1JF151JY	AA		J	Resistor 150 1/16W Metal Oxide
R3846	VRS-CY1JF151JY	AA		J	Resistor 150 1/16W Metal Oxide
R3848	VRS-CY1JF151JY	AA		J	Resistor 150 1/16W Metal Oxide
R3849	VRS-TV1JD000JY	AA		J	Resistor 0 1/10W Metal Oxide
R3850	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R3851	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R3852	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R3853	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R3857	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3858	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3859	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R3863	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3867	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3868	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3869	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3870	VRS-TW2ED000JY	AB		J	Resistor 0 1/4W Metal Oxide
R3871	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R3872	VRS-CY1JF392DY	AA		J	Resistor 3.9k 1/16W Metal Oxide
R3873	VRS-CY1JF180JY	AA		J	Resistor 18 1/16W Metal Oxide
R3874	VRS-CY1JF272DY	AA		J	Resistor 2.7k 1/16W Metal Oxide
R3875	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R3876	VRS-CY1JF272DY	AA		J	Resistor 2.7k 1/16W Metal Oxide
R3877	VRS-CY1JF102DY	AA		J	Resistor 1k 1/16W Metal Oxide
R3878	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R3879	VRS-CY1JF272DY	AA		J	Resistor 2.7k 1/16W Metal Oxide
R3880	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R3881	VRS-TQ2BD1R0JY	AA		J	Resistor 1 1/8W Metal Oxide
R3882	VRS-TQ2BD1R0JY	AA		J	Resistor 1 1/8W Metal Oxide
R3883	VRS-TQ2BD1R0JY	AA		J	Resistor 1 1/8W Metal Oxide
R3884	VRS-TW2HF2R7JY	AA		J	Resistor 2.7 1/2W Metal Oxide
R3885	VRS-TW2HPR20JY	AB	N	J	Resistor 0.2 1/2W Metal Oxide
R3886	VRS-TW2HPR20JY	AB	N	J	Resistor 0.2 1/2W Metal Oxide
R8001	VRS-CY1JF332FY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8003	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R8004	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8005	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R8006	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R8007	VRS-CJ1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8008	VRS-CH1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8009	VRS-CY1JF123FY	AA		J	Resistor 12k 1/16W Metal Oxide
R8010	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R8012	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R8013	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8014	VRS-CJ1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8015	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8016	VRS-CH1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8017	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8018	VRS-CY1JF471JY	AA		J	Resistor 470 1/16W Metal Oxide
R8019	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8020	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8021	VRS-CY1JF333JY	AA		J	Resistor 33k 1/16W Metal Oxide
R8026	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8027	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8028	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R8031	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8032	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8033	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R8036	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[3] DUNTKE168FMF2 (MAIN Unit)</b>					
R8037	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8039	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8040	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8041	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8042	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8043	VRS-CJ1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8045	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8046	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8047	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8048	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8050	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8051	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8052	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8053	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8054	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8055	VRS-CH1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8059	VRS-CJ1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8068	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8070	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R8201	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8202	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8203	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8204	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8209	VRS-CY1JF510FY	AA		J	Resistor 51 1/16W Metal Oxide
R8210	VRS-CY1JF510FY	AA		J	Resistor 51 1/16W Metal Oxide
R8211	VRS-CY1JF510FY	AA		J	Resistor 51 1/16W Metal Oxide
R8212	VRS-CY1JF510FY	AA		J	Resistor 51 1/16W Metal Oxide
R8213	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8214	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R8215	VRS-CH1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8216	VRS-CJ1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8221	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8230	VRS-CY1JF202FY	AA		J	Resistor 2.0k 1/16W Metal Oxide
R8231	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8233	VRS-CY1JF221JY	AA		J	Resistor 220 1/16W Metal Oxide
R8234	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R8235	VRS-CY1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8236	VRS-CH1JF332JY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R8237	VRS-CY1JF152JY	AA		J	Resistor 1.5k 1/16W Metal Oxide
S2001	QSW-SA020WJZZY	AE		J	Slide Switch
S2551	QSW-K0099TAZZY	AC		J	Service Switch
S2552	QSW-KA029WJZZY	AD		J	Switch (POWER)
S2553	QSW-KA029WJZZY	AD		J	Switch (-)
S2554	QSW-KA029WJZZY	AD		J	Switch (DOWN)
S2555	QSW-KA029WJZZY	AD		J	Switch (UP)
S2556	QSW-KA029WJZZY	AD		J	Switch (ENTER)
S2557	QSW-KA029WJZZY	AD		J	Switch (+)
S2558	QSW-KA029WJZZY	AD		J	Switch (MENU)
S2559	QSW-KA029WJZZY	AD		J	Switch (KEYSTONE)
S3561	VH1MXA2500E-1Y	AY		J	Switch MXS2500EL-T/R
S8001	QSW-SA020WJZZY	AE		J	Slide Switch
SC2801	QSOCZA061WJZZ	AK		J	Socket (DVI-I)
SC3051	QSOCNA230WJZZ	AH		J	Socket INPUT2
SC3101	QSOCNA229WJZZ	AH		J	Socket OUTPUT
SC3801	QCNCWA500WJZZY	AC		J	Connector 4Pin (MO)
X2201	RCRSCA180WJQZY	AL	N	J	Crystal
X3351	RCRSCO170TAZZY	AG		J	Crystal 14.31818MHz
X8001	RCRSCA031WJZZY	AQ		J	Crystal 1.8432MHz
X8002	RCRSCA084WJZZY	AL		J	Crystal 24.576MHz
X8201	RCRSCA082WJZZY	AL		J	Crystal 25.000MHz
N	LX-BZ3100CEF7	AA		J	Screw, x2
N	NSFTZ0134CEF7	AD		J	Shaft for DVI Socket, x2
N	PSLDCA027WJKZ	AE	N	J	Shield (Button)
N	PSLDMB152WJFW	AP		J	Shield (Terminal)
<b>[4] DUNTKE169WEF1 (BALLAST POWER Unit)</b>					
C701	RC-KZA111WJZZY	AC		J	Capacitor 1 25V Ceramic
C702	RC-FZA026WJZZ	AE		J	Capacitor 0.47 275V Metallized Plastic Film
C703	RC-KZA551WJZZ	AD		J	Capacitor 2200p AC250V Ceramic
C704	RC-KZA551WJZZ	AD		J	Capacitor 2200p AC250V Ceramic
C705	RC-FZA026WJZZ	AE		J	Capacitor 0.47 275V Metallized Plastic Film
C706	RC-KZA551WJZZ	AD		J	Capacitor 2200p AC250V Ceramic
C707	RC-KZA437WJZZY	AD		J	Capacitor 1000p 630V Ceramic
C708	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic
C709	VCKYCY1HB103KY	AA		J	Capacitor 0.01 50V Ceramic
C710	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic
C711	RC-EZA452WJZZ	AG		J	Capacitor 2200 10V Electrolytic
C712	RC-FZ0010TAZZ	AC		J	Capacitor 0.01 630V Metallized Plastic Film
C713	RC-EZA490WJZZ+	AD		J	Capacitor 100 35V Electrolytic
C714	RC-EZA490WJZZ+	AD		J	Capacitor 100 35V Electrolytic
C715	VCKYCY1HB152KY	AA		J	Capacitor 1500p 50V Ceramic
C716	RC-FZA126WJZZ	AE		J	Capacitor 0.1 450V Metallized Plastic Film
C717	VCKYTV1EB474KY	AC		J	Capacitor 0.47 25V Ceramic
C718	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[4] DUNTKE169WEF1 (BALLAST POWER Unit)</b>					
	C719	VGCCCY1HH101JY	AA	J	Capacitor 100p 50V Ceramic
	C720	VCKYCY1EB333KY	AA	J	Capacitor 0.033 25V Ceramic
	C721	RC-KZA296WJZZ	AE	J	Capacitor 100p 2kV
	C727	RC-KZA437WJZZY	AD	J	Capacitor 1000p 630V Ceramic
	C728	RC-EZA486WJZZ	AP	J	Capacitor 2200 25V Electrolytic
	C730	VCKYTV1EB104KY	AB	J	Capacitor 0.1 25V Ceramic
△	C731	RC-KZA551WJZZ	AD	J	Capacitor 2200p AC250V Ceramic
△	C732	RC-KZA551WJZZ	AD	J	Capacitor 2200p AC250V Ceramic
	C733	VCKYCY1HB222KY	AA	J	Capacitor 2200p 50V Ceramic
	C734	VCKYTV1HB222KY	AC	J	Capacitor 0.22 50V Ceramic
	C735	VCKYCY1HB102KY	AA	J	Capacitor 1000p 50V Ceramic
	C736	RC-FZA124WJZZ	AG	J	Capacitor 2.2 450V Metallized Plastic Film
	C738	VCEA4A1VN476M+	AC	J	Capacitor 47 35V Electrolytic
	C739	VCKYCY1HB104KY	AA	J	Capacitor 0.1 50V Ceramic
	C740	RC-EZA572WJZZ	AW	J	Capacitor 330 420V Electrolytic
	C743	VCKYCY1HB104KY	AA	J	Capacitor 0.1 50V Ceramic
	C744	VCEA4A1VN476M+	AC	J	Capacitor 47 35V Electrolytic
	C745	RC-KZA271WJZZ	AC	J	Capacitor 470p 2kV Ceramic
	C747	RC-KZA304WJZZ	AD	J	Capacitor 470p 2kV Ceramic
	C751	VCKYCY1HB103KY	AA	J	Capacitor 0.01 50V Ceramic
	C901	RC-FZA215WJZZ	AH	J	Capacitor 1.8 450V Metallized Plastic Film
	C903	VCKYCY1EB473KY	AA	J	Capacitor 0.047 25V Ceramic
	C904	RC-KZA111WJZZY	AC	J	Capacitor 1 25V Ceramic
	C905	RC-KZA448WJZZY	AD	J	Capacitor 220p 1kV Ceramic
	C907	RC-KZA448WJZZY	AD	J	Capacitor 220p 1kV Ceramic
	C908	RC-KZA449WJZZY	AD	J	Capacitor 330p 1kV Ceramic
	C909	RC-KZA449WJZZY	AD	J	Capacitor 330p 1kV Ceramic
	C911	RC-KZA275WJZZ	AD	J	Capacitor 1000p 2kV Ceramic
	C912	RC-FZA123WJZZ	AF	J	Capacitor 1 450V Metallized Plastic Film
	C913	RC-KZA437WJZZY	AD	J	Capacitor 1000p 630V Ceramic
	C914	RC-KZA448WJZZY	AD	J	Capacitor 220p 1kV Ceramic
	C915	VCKYCY1EF104ZY	AA	J	Capacitor 0.1 25V Ceramic
	C916	RC-KZA448WJZZY	AD	J	Capacitor 220p 1kV Ceramic
	C917	RC-FZA126WJZZ	AE	J	Capacitor 0.1 450V Metallized Plastic Film
	C919	RC-FZA126WJZZ	AE	J	Capacitor 0.1 450V Metallized Plastic Film
	C920	RC-KZA275WJZZ	AD	J	Capacitor 1000p 2kV Ceramic
	C921	VCKYCY1HB103KY	AA	J	Capacitor 0.01 50V Ceramic
	C922	RC-KZA275WJZZ	AD	J	Capacitor 1000p 2kV Ceramic
	C923	RC-KZA449WJZZY	AD	J	Capacitor 330p 1kV Ceramic
	C924	RC-KZA449WJZZY	AD	J	Capacitor 330p 1kV Ceramic
△	CN901	QCNW-G518WJQZ	AW	N	Connector 2Pin
△	D701	RH-FXA003WJZZ	AD	J	Diode PC123Y82
△	D702	VHDD10XB60H-1	AL	J	Diode D10XB60H-7101
	D703	RH-DXA081WJZZ	AH	J	Diode D15SCA4M-7000
	D704	VHD1SS355//--1Y	AB	J	Diode 1SS355FNTE-17
	D705	VHD1SS355//--1Y	AB	J	Diode 1SS355FNTE-17
	D706	RH-DXA070WJZZY	AE	J	Diode SARS01V1
	D707	VHDD1FL20U/--1Y	AC	J	Diode D1FL20U
	D708	VHDD1FL20U/--1Y	AC	J	Diode D1FL20U
	D709	RH-EX1399CEZZY	AB	J	Zener Diode EX1399CE 9.1V
	D710	VHDD1FL20U/--1Y	AC	J	Diode D1FL20U
△	D711	RH-FXA003WJZZ	AD	J	Diode PC123Y82
	D712	VHDCMF03+++--1Y	AD	J	Diode CMF03(T2L,SHARP,Q)
	D713	VHDCRF03T5L-1Y	AF	J	Diode CRF03(T5L,SHARP,Q)
	D714	VHDLi1114+++--1Y	AC	J	Diode LI114
△	D715	RH-FXA003WJZZ	AD	J	Diode PC123Y82
	D716	RH-DXA080WJZZ	AK	J	Diode SF20JC10-7000
	D717	VHD1SS355//--1Y	AB	J	Diode 1SS355FNTE-17
	D718	VHDRB160M40-1Y	AC	J	Diode RB160M-40TR
	D719	VHDRB160M40-1Y	AC	J	Diode RB160M-40TR
	D720	RH-DXA074WJZZ	AH	J	Diode SF10L60U-7100
	D722	RH-EX1015GEZZY	AD	J	Zener Diode EX1015GE 16V
	D723	RH-EXA359WJZZY	AE	J	Zener Diode EXA359WJ 33V
	D724	VHDD1FL20U/--1Y	AC	J	Diode D1FL20U
	D901	RH-EXA097WJZZY	AB	J	Zener Diode EXA097WJ 20V
	D902	VHDRB160M40-1Y	AC	J	Diode RB160M-40TR
	D903	RH-DXA074WJZZ	AH	J	Diode SF10L60U-7100
	D904	VHDCRF03T5L-1Y	AF	J	Diode CRF03(T5L,SHARP,Q)
	D905	VHSG1VB22C+-1	AK	J	Diode SI.CONTROL RECTIFIER
	D906	RH-DXA062WJZZY	AE	J	Diode SHV-04V6
	D907	VHDFMVG2GS+-1	AM	J	Diode FMV-G2GS
	D908	VHDFMVG2GS+-1	AM	J	Diode FMV-G2GS
	D910	RH-DXA062WJZZY	AE	J	Diode SHV-04V6
	E701	LANGQA036WJFW	AG	N	Fixing Metal (AC-Inlet-ANG)
△	F701	QFS-CA010WJZZ	AF	J	Fuse T6.3AH/AC250V
△	F703	QFS-TA005WJZZ	AG	J	Thermal Fuse 127°C.
△	F704	QFS-ZA028WJZZ	AP	J	Fuse 2A 450V
△	F705	QFS-ZA034WJZZ	AP	J	Fuse 3.15A 400V
	FB701	RBLN-A007WJZZY	AC	J	Ferrite Bead
	FB702	RBLN-A007WJZZY	AC	J	Ferrite Bead
	FB703	RBLN-0020CEZZ+	AB	J	Ferrite Bead
	FB707	RBLN-0020CEZZ+	AB	J	Ferrite Bead
	FB901	RBLN-A007WJZZY	AC	J	Ferrite Bead
	FB902	RBLN-A007WJZZY	AC	J	Ferrite Bead

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[4] DUNTKE169WEF1 (BALLAST POWER Unit)</b>					
△	FH701	QFSDH1013CEZZ+	AC	J	Fuse Holder
△	FH702	QFSDH1014CEZZ+	AC	J	Fuse Holder
	IC702	VHiTA78L12F-1Y	AF	J	IC TA78L12F(TE12L,F)
	IC704	VHiMR4010+-1	AP	J	IC MR4010-7101
	IC705	VHiTA76431R-1Y	AE	J	IC TA76431FR(TE12L,F)
	IC707	VHiFA5501AN-1Y	AQ	J	IC FA5501AN-D1-TE1
△	L701	RciLFA178WJZZ	AK	J	Coil
△	L702	RciLFA178WJZZ	AK	J	Coil
	L703	RciLPA546WJZZ	AH	J	Coil
	L704	RciLCA131WJZZ	AW	J	Coil
	L901	RciLPA137WJZZ	AF	J	Coil 47μH
	L903	RciLPA475WJZZ	AK	J	Coil
	L904	RciLCA126WJZZ	AQ	J	Coil
	LUG701	QLUGHA002WJZZ	AB	J	Lug
	LUG702	QLUGHA002WJZZ	AB	J	Lug
△	P701	QPLGAA007WJZZ	AM	N	Plug 3Pin (AC Inlet)
△	P702	QPLGN0269GEZZ	AB	J	Plug 2Pin
	P704	QCNCMA114WJZZ	AF	J	Plug 14Pin
	Q701	VS2SA1797Q+-1Y	AD	J	Transistor 2SA1797 T100 Q
	Q704	VS2SK3687+-1	AS	J	Transistor 2SK3687-01MR-F119
	Q705	VS2SK3687+-1	AS	J	Transistor 2SK3687-01MR-F119
	Q706	VS2SC3928AR-1Y	AB	J	Transistor 2SC3928A-T112-1R
	Q901	VS2SK2699+-1	AR	J	Transistor 2SK2699(SHARP,F)
	Q902	VS2SK2699+-1	AR	J	Transistor 2SK2699(SHARP,F)
	Q903	VS2SA2056+-1Y	AE	J	Transistor 2SA2056(TE85L,F)
	Q904	VS2SK3525+-1	AM	J	Transistor 2SK3525-01MR-F119
	Q905	VS2SA1530AR-1Y	AB	J	Transistor 2SA1530A-T112-1R
	Q906	VS2SC3928AR-1Y	AB	J	Transistor 2SC3928A-T112-1R
	R701	VRS-TQ2BD103JY	AA	J	Resistor 10k 1/8W Metal Oxide
	R702	VRS-TV1JD564JY	AA	J	Resistor 560k 1/10W Metal Oxide
	R703	VRS-TV1JD564JY	AA	J	Resistor 560k 1/10W Metal Oxide
	R704	VRS-CY1JF102JY	AA	J	Resistor 1k 1/16W Metal Oxide
	R705	VRS-TQ2BD103JY	AA	J	Resistor 10k 1/8W Metal Oxide
	R708	VRS-VV3DB220J	AA	J	Resistor 22 2W Metal Oxide
	R709	VRS-VV3AB273J	AA	J	Resistor 27k 1W Metal Oxide
	R710	VRS-VV3AB273J	AA	J	Resistor 27k 1W Metal Oxide
	R711	VRS-TW2ED000JY	AB	J	Resistor 0 1/4W Metal Oxide
	R712	VRS-TV1JD333FY	AA	J	Resistor 33k 1/10W Metal Oxide
	R713	VRS-CY1JF133FY	AA	J	Resistor 13k 1/16W Metal Oxide
	R714	VRS-TV1JD472JY	AA	J	Resistor 4.7k 1/10W Metal Oxide
	R715	VRS-CY1JF153JY	AA	J	Resistor 15k 1/16W Metal Oxide
	R716	VRN-VV3DBR15J	AB	J	Resistor 0.15 2W Metal Film
	R717	VRS-CY1JF153FY	AA	J	Resistor 15k 1/16W Metal Oxide
	R719	VRS-TQ2BD474FY	AA	J	Resistor 470k 1/8W Metal Oxide
	R720	VRS-TQ2BD000JY	AA	J	Resistor 0 1/8W Metal Oxide
	R721	VRS-TV1JD152JY	AA	J	Resistor 1.5k 1/10W Metal Oxide
	R722	VRS-TQ2BD474FY	AA	J	Resistor 470k 1/8W Metal Oxide
	R723	VRS-CY1JF222DY	AA	J	Resistor 2.2k 1/16W Metal Oxide
	R724	VRS-TQ2BD102JY	AA	J	Resistor 1k 1/8W Metal Oxide
	R725	VRS-CY1JF101FY	AA	J	Resistor 100 1/16W Metal Oxide
	R726	VRS-TQ2EF122JY	AA	J	Resistor 1.2k 1/4W Metal Oxide
	R727	VRS-CY1JF912DY	AB	J	Resistor 9.1k 1/16W Metal Oxide
	R728	VRS-CY1JF000JY	AA	J	Resistor 0 1/16W Metal Oxide
△	R729	RMPTKA001WJZZ	AH	J	Resistor Packaged Circuit
	R730	VRS-TQ2BD394FY	AA	J	Resistor 390k 1/8W Metal Oxide
	R731	VRS-CY1JF103JY	AA	J	Resistor 10k 1/16W Metal Oxide
	R733	VRS-CY1JF820FY	AA	J	Resistor 82 1/16W Metal Oxide
	R734	VRS-CY1JF183JY	AA	J	Resistor 18k 1/16W Metal Oxide
	R735	VRS-CY1JF223JY	AA	J	Resistor 22k 1/16W Metal Oxide
	R736	RR-WZA012WJZZ	AE	J	Resistor 0.15 5W Resistor Wire
	R737	RR-WZA012WJZZ	AE	J	Resistor 0.15 5W Resistor Wire
	R738	VRS-CY1JF000JY	AA	J	Resistor 0 1/16W Metal Oxide
	R739	VRN-CY1JF133DY	AB	J	Resistor 13k 1/16W Metal Film
	R740	VRN-SV2HC4R7JY	AB	J	Resistor 4.7 1/2W Metal Film
	R741	VRN-TV1JD394DY	AB	J	Resistor 390k 1/10W Metal Film
	R742	VRS-TQ2EF100JY	AA	J	Resistor 10 1/4W Metal Oxide
	R743	VRS-TQ2EF100JY	AA	J	Resistor 10 1/4W Metal Oxide
	R744	VRS-TQ2EF101JY	AA	J	Resistor 100 1/4W Metal Oxide
	R745	VRS-TQ2EF101JY	AA	J	Resistor 100 1/4W Metal Oxide
	R746	VRS-TV1JD103JY	AA	J	Resistor 10k 1/10W Metal Oxide
	R747	VRS-TV1JD103JY	AA	J	Resistor 10k 1/10W Metal Oxide
	R748	VRN-SV2HC4R7JY	AB	J	Resistor 4.7 1/2W Metal Film
	R749	VRN-TV1JD394DY	AB	J	Resistor 390k 1/10W Metal Film
	R750	VRN-TV1JD394DY	AB	J	Resistor 390k 1/10W Metal Film
	R751	VRN-TV1JD394DY	AB	J	Resistor 390k 1/10W Metal Film
	R752	VRN-TV1JD394DY	AB	J	Resistor 390k 1/10W Metal Film
△	R753	RR-HZ0119CEZZY	AC	J	Resistor 270k
	R756	VRS-TV1JD000JY	AA	J	Resistor 0 1/10W Metal Oxide
	R761	VRS-TQ2BD103JY	AA	J	Resistor 10k 1/8W Metal Oxide
	R762	VRS-CY1JF102JY	AA	J	Resistor 1k 1/16W Metal Oxide
	R763	VRS-TV1JD471JY	AA	J	Resistor 470 1/10W Metal Oxide
	R771	VRS-SV2HC102J	AA	J	Resistor 1k 1/2W Metal Oxide
	R901	VRS-TV1JD334FY	AA	J	Resistor 330k 1/10W Metal Oxide
	R902	VRS-TV1JD334FY	AA	J	Resistor 330k 1/10W Metal Oxide
	R903	VRS-TV1JD334FY	AA	J	Resistor 330k 1/10W Metal Oxide

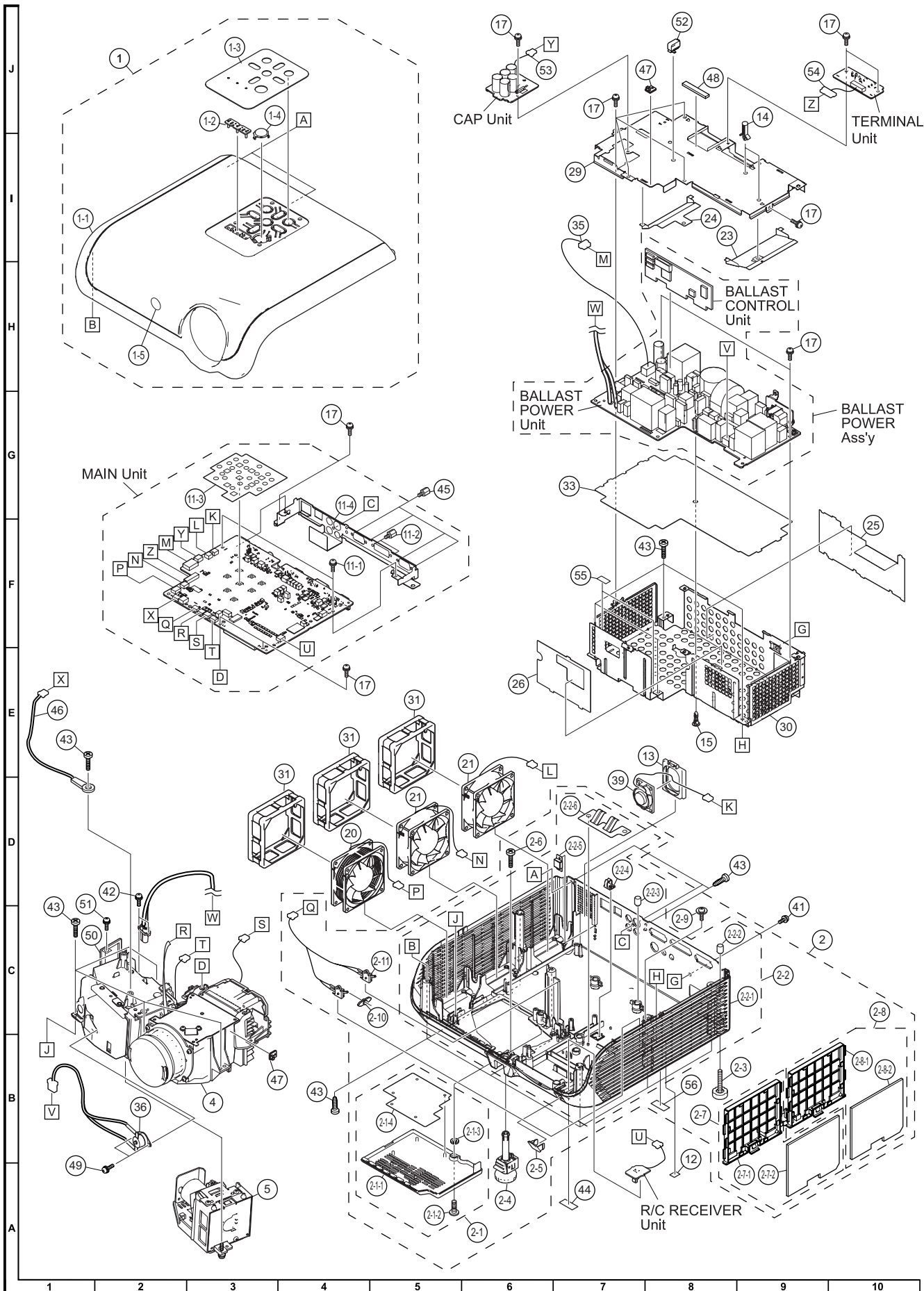
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION	
<b>[4] DUNTKE169WEF1 (BALLAST POWER Unit)</b>						
R904	VRS-TV1JD334FY	AA		J	Resistor 330k 1/10W Metal Oxide	
R905	VRS-TV1JD123FY	AA		J	Resistor 12k 1/10W Metal Oxide	
R906	VRS-TQ2BD100FY	AA		J	Resistor 10 1/8W Metal Oxide	
R907	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide	
R908	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide	
R909	VRS-TQ2BD100FY	AA		J	Resistor 10 1/8W Metal Oxide	
R910	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide	
R911	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide	
R912	VRS-TV1JD103JY	AA		J	Resistor 10k 1/10W Metal Oxide	
R913	VRS-TQ2EF220JY	AA		J	Resistor 22 1/4W Metal Oxide	
R914	VRS-TQ2EF100JY	AA		J	Resistor 10 1/4W Metal Oxide	
R915	VRS-TQ2BD000JY	AA		J	Resistor 0 1/8W Metal Oxide	
R916	VRS-TV1JD103JY	AA		J	Resistor 10k 1/10W Metal Oxide	
R917	VRS-TQ2EF181JY	AA		J	Resistor 180 1/4W Metal Oxide	
R919	VRS-TQ2EF100FY	AA		J	Resistor 10 1/4W Metal Oxide	
R920	VRS-TQ2EF100FY	AA		J	Resistor 10 1/4W Metal Oxide	
R921	VRS-TQ2EF100FY	AA		J	Resistor 10 1/4W Metal Oxide	
R922	VRS-TQ2EF100FY	AA		J	Resistor 10 1/4W Metal Oxide	
R923	RR-FZA002WJZZ	AE		J	Resistor 0.05 3W Metal Plate Resistor	
R925	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R926	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R927	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R928	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R929	VRS-TV1JD104FY	AA		J	Resistor 100k 1/10W Metal Oxide	
R930	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R931	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R932	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R933	VRS-TV1JD224FY	AA		J	Resistor 220k 1/10W Metal Oxide	
R934	VRS-TV1JD153FY	AA		J	Resistor 15k 1/10W Metal Oxide	
R935	VRS-TV1JD153FY	AA		J	Resistor 15k 1/10W Metal Oxide	
R936	VRS-TV1JD103JY	AA		J	Resistor 10k 1/10W Metal Oxide	
R937	VRS-TQ2BD102JY	AA		J	Resistor 1k 1/8W Metal Oxide	
R938	VRS-TV1JD100JY	AA		J	Resistor 10 1/10W Metal Oxide	
R939	VRS-VV3DB273J	AA		J	Resistor 27k 2W Metal Oxide	
R940	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide	
R941	VRS-TV1JD103JY	AA		J	Resistor 10k 1/10W Metal Oxide	
R942	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide	
R943	VRS-TQ2EF102JY	AA		J	Resistor 1k 1/4W Metal Oxide	
R944	VRS-TV1JD223JY	AA		J	Resistor 22k 1/10W Metal Oxide	
R945	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide	
R946	VRS-TV1JD103JY	AA		J	Resistor 10k 1/10W Metal Oxide	
R947	VRS-TQ2EF470JY	AA		J	Resistor 47 1/4W Metal Oxide	
R948	VRS-TQ2EF470JY	AA		J	Resistor 47 1/4W Metal Oxide	
RDA701	PRDARA483WJFW	AH	N	J	Heat Sink	
RDA901	PRDARA468WJFW	AL	N	J	Heat Sink	
△	RY702	RRLYDA008WJZZ	AG		J	Relay
△	T704	RTRNWA285WJZZ	AV		J	Transformer
	T901	RTRNZA102WJZZ	AH		J	Transformer
	T902	RTRNWA188WJZZ	AK		J	Transformer
	TH901	RH-HXA020WJZZ	AK		J	Thermistor PTFM04BB222Q2N34B0
△	VA701	RH-VXA071WJQZ	AD		J	Varistor ERZV10D471CS
	N	LX-BZ3049GEFN	AB		J	Screw, x13
	N	LX-BZA044WJFW	AA		J	Screw, x2
	N	PRDARA484WJFW	AF	N	J	Heat Sink
	N	PSPAzb157WJZZ	AE		J	Spacer, x2
	N	XBSSN30P06000	AA		J	Screw, x2
<b>[5] DUNTKE170WEF1 (BALLAST CONTROL Unit)</b>						
C7701	VCCCY1HH471JY	AA		J	Capacitor 470p 50V Ceramic	
C7702	VCKYCY1CB224KY	AB		J	Capacitor 0.22 16V Ceramic	
C7704	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic	
C7705	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic	
C7706	VCKYCY1EB683KY	AB		J	Capacitor 0.068 25V Ceramic	
C7707	VCKYCY1HB222KY	AA		J	Capacitor 2200p 50V Ceramic	
C7708	RC-KZA114WJZZY	AB		J	Capacitor 1 25V Ceramic	
C7709	RC-KZA114WJZZY	AB		J	Capacitor 1 25V Ceramic	
C7710	RC-KZA114WJZZY	AB		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	
C7714	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic	
C7715	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic	
C7717	VCKYCY1HB221KY	AA		J	Capacitor 220p 50V Ceramic	
C7718	VCCCY1HH331JY	AA		J	Capacitor 330p 50V Ceramic	
C7719	VCCCY1HH102JY	AB		J	Capacitor 1000p 50V Ceramic	
C7720	RC-KZA510WJJPZY	AB		J	Capacitor 10 16V Ceramic	
C7721	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic	
C7722	RC-KZA114WJZZY	AB		J	Capacitor 1 25V Ceramic	
C7723	VCKYTV1CB105KY	AC		J	Capacitor 1 16V 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	
C7729	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic	

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[5] DUNTKE170WEF1 (BALLAST CONTROL Unit)</b>					
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
C7736	VCKYCY1HB102KY	AA		J	Capacitor 1000p 50V Ceramic
C7737	VCKYCY1EB103KY	AA		J	Capacitor 0.01 25V Ceramic
C7738	VCKYTV1CB105KY	AC		J	Capacitor 1 16V 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	VCKYCY1EB104KY	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
C7747	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 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
C7753	VCKYTV1CB105KY	AC		J	Capacitor 1 16V Ceramic
C7754	RC-KZA114WJZZY	AB		J	Capacitor 1 25V Ceramic
C7755	VCKYCY1CB104KY	AB		J	Capacitor 0.1 16V Ceramic
C7757	VCCCCY1HH331JY	AA		J	Capacitor 330p 50V Ceramic
D7702	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D7703	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D7704	RH-EX0259TAZZY	AB		J	Zener Diode EX0259TA 5.6V
D7705	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D7706	VHDBAS316//--1Y	AB		J	Diode BAS316,115
D7711	VHD1PS184+-1Y	AB		J	Diode 1PS184,115
D7712	VHD1PS184+-1Y	AB		J	Diode 1PS184,115
△	D7713	RH-FXA005WJZZY		J	Diode PC123ZY8J00F
△	D7714	RH-FXA005WJZZY		J	Diode PC123ZY8J00F
△	D7715	RH-FXA005WJZZY		J	Diode PC123ZY8J00F
△	D7717	RH-FXA005WJZZY		J	Diode PC123ZY8J00F
IC7701	VHiM51995AF-1Y	AM		J	IC M51995AFPCF0J
IC7702	VHiNJM2904V-1Y	AF		J	IC NJM2904V-TE1
IC7703	VHiTC7W08U/-1Y	AD		J	IC TC7W08FU(TE12L,F)
IC7704	VHiTA78L05F-1Y	AE		J	IC TA78L05F(TE12L,F)
IC7705	VHiBD4742G+-1Y	AD		J	IC BD4742G-TR
IC7707	RH-iXC305WJZZQ	AW	N	J	IC iXC305WJ (Flash MICON)
IC7709	VHiNJM2902V-1Y	AD		J	IC NJM2902V(TE1)
IC7710	VHiNJM2904V-1Y	AF		J	IC NJM2904V-TE1
P7701	QPLGN0864TAZZY	AE		J	Plug 8Pin
Q7701	VS2SC3928AR-1Y	AB		J	Transistor 2SC3928A-T112-1R
Q7704	VS3LN01S//--1Y	AC		J	Transistor 3LN01S-TL-E
Q7707	VSDTC114EKA-1Y	AB		J	Transistor DTC114EKAT146
Q7708	VS2SA1162Y/-1Y	AB		J	Transistor 2SA1162-Y(TE85L,F)/(T5L,F,T)
Q7709	VS2SC2712Y/-1Y	AB		J	Transistor 2SC2712-Y(T5LTST,F)
Q7712	VS3LN01S//--1Y	AC		J	Transistor 3LN01S-TL-E
R7701	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7702	VRS-TV1JD102JY	AA		J	Resistor 1k 1/10W Metal Oxide
R7703	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7704	VRS-CY1JF333JY	AA		J	Resistor 33k 1/16W Metal Oxide
R7705	VRS-CY1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R7707	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7708	VRS-CY1JF123JY	AA		J	Resistor 12k 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
R7714	VRS-CY1JF123JY	AA		J	Resistor 12k 1/16W Metal Oxide
R7715	VRS-TV1JD1R0JY	AA		J	Resistor 1 1/10W 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-CY1JF682JY	AA		J	Resistor 6.8k 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	VRS-CY1JF122DY	AA		J	Resistor 1.2k 1/16W Metal Oxide
R7722	VRS-CY1JF682JY	AA		J	Resistor 6.8k 1/16W Metal Oxide
R7723	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7724	VRS-CY1JF153DY	AA		J	Resistor 15k 1/16W Metal Oxide
R7725	VRS-CY1JF332DY	AA		J	Resistor 3.3k 1/16W Metal Oxide
R7726	VRS-CY1JF622JY	AA		J	Resistor 6.2k 1/16W Metal Oxide
R7727	VRS-CY1JF272JY	AA		J	Resistor 2.7k 1/16W Metal Oxide
R7729	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7730	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7731	VRS-CY1JF222JY	AA		J	Resistor 2.2k 1/16W Metal Oxide
R7732	VRS-CY1JF682JY	AA		J	Resistor 6.8k 1/16W Metal Oxide
R7734	VRS-CY1JF472JY	AA		J	Resistor 4.7k 1/16W Metal Oxide
R7735	VRS-CY1JF103JY	AA		J	Resistor 10k 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-CY1JF123JY	AA		J	Resistor 12k 1/16W Metal Oxide
R7740	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[5] DUNTKE170WEF1 (BALLAST CONTROL Unit)</b>					
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
R7756	VRS-CY1JF102DY	AA		J	Resistor 1k 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
R7766	VRS-CY1JF273JY	AA		J	Resistor 27k 1/16W Metal Oxide
R7767	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7768	VRS-CY1JF470DY	AB		J	Resistor 47 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-CY1JF562JY	AA		J	Resistor 5.6k 1/16W Metal Oxide
R7776	VRS-CY1JF102DY	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
R7788	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
R7797	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7798	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7799	VRS-CY1JF271JY	AA		J	Resistor 270 1/16W Metal Oxide
R7803	VRS-CY1JF102DY	AA		J	Resistor 1k 1/16W Metal Oxide
R7804	VRS-CY1JF682JY	AA		J	Resistor 6.8k 1/16W Metal Oxide
R7805	RVR-M4555CEZZY	AC		J	Resistor VARIABLE RESISTOR
R7806	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7807	VRS-CY1JF471JY	AA		J	Resistor 470 1/16W Metal Oxide
R7808	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7810	VRS-CY1JF102JY	AA		J	Resistor 1k 1/16W Metal Oxide
R7811	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R7812	VRS-CY1JF102DY	AA		J	Resistor 1k 1/16W Metal Oxide
R7813	VRS-CY1JF332DY	AA		J	Resistor 3.3k 1/16W Metal Oxide
X7701	RCRMCA019WJZZY	AF		J	Ceramic Vibrator
<b>[6] DUNTKE171WEF1 (PHOTO SENSOR Unit)</b>					
C1101	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1102	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1104	VCKYCY1EB104KY	AB		J	Capacitor 0.1 25V Ceramic
IC1101	VHiLM393A//--1Y	AL		J	IC LM393APSR
IC1102	VHPGP2S40//--1S	AK		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
R1104	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1106	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1107	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1108	VRS-CY1JF153JY	AA		J	Resistor 15k 1/16W Metal Oxide
R1109	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1110	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
N	QCNW-C221WJQZ	AF		J	Connecting Cord

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[7] DUNTKE172WEF1 (R/C RECEIVER Unit)</b>					
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	RRMUA027WJZZ	AK		J	Remote Receiver
N	LHLDPA022WJZZ	AD		J	Holder
N	QCNW-D517WJQZ	AE		J	Connecting Cord
<b>[8] DUNTKE182WEF1 (TERMINAL Unit)</b>					
C1205	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1206	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1207	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1208	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1209	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
C1210	VCKYCY1EF104ZY	AA		J	Capacitor 0.1 25V Ceramic
D1201	VHEPZM12NB2-1Y	AC		J	Zener Diode PZM12NB2
D1202	VHEPZM12NB2-1Y	AC		J	Zener Diode PZM12NB2
FB1201	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB1202	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB1203	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB1204	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB1206	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB1207	RBLN-A038WJZZY	AB		J	Ferrite Bead
FB1209	RBLN-A068WJZZY	AB		J	Ferrite Bead
IC1201	VH i iSL83220-1Y	AQ		J	IC ISL83220ECVZ-T(S2702)
J1201	QJAKAA001WJZZ	AD		J	Jack AUDIO 1
J1202	QJAKAA001WJZZ	AD		J	Jack AUDIO OUT
LUG1201	QLUGHA006WJZZY	AC		J	Lug
LUG1202	QLUGHA006WJZZY	AC		J	Lug
P1201	QPLGN1263TAZZY	AD		J	Plug 12Pin
R1201	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1202	VRS-CJ1JF101JY	AA		J	Resistor 100 1/16W Metal Oxide
R1203	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1204	VRS-CY1JF103JY	AA		J	Resistor 10k 1/16W Metal Oxide
R1205	VRS-CY1JF000JY	AA		J	Resistor 0 1/16W Metal Oxide
R1206	VRS-CJ1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R1207	VRS-CJ1JF224JY	AA		J	Resistor 220k 1/16W Metal Oxide
R1209	VRS-CY1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
R1210	VRS-CJ1JF100JY	AA		J	Resistor 10 1/16W Metal Oxide
SC1201	QSOEDA036WJZZ	AF		J	Socket RS-232C
N	QCNW-F879WJPZ	AW		J	Connecting Cord (TAN Wire)
<b>[9] DUNTKE225WEF1 (CAP Unit)</b>					
C1151	RC-DZA003WJZZ	AW		J	Capacitor 4.7 2.5V Electrolytic
C1152	RC-DZA003WJZZ	AW		J	Capacitor 4.7 2.5V Electrolytic
C1153	RC-DZA003WJZZ	AW		J	Capacitor 4.7 2.5V Electrolytic
C1154	RC-DZA003WJZZ	AW		J	Capacitor 4.7 2.5V Electrolytic
C1155	RC-DZA003WJZZ	AW		J	Capacitor 4.7 2.5V Electrolytic
F1151	QFS-J2521CEZZY	AD		J	Fuse 2.5A
P1151	QPLGN0278GEZZ	AA		J	Plug
R1151	VRS-TV1JD221FY	AA		J	Resistor 220 1/10W Metal Oxide
R1152	VRS-TV1JD221FY	AA		J	Resistor 220 1/10W Metal Oxide
R1153	VRS-TV1JD221FY	AA		J	Resistor 220 1/10W Metal Oxide
R1154	VRS-TV1JD221FY	AA		J	Resistor 220 1/10W Metal Oxide
R1155	VRS-TV1JD221FY	AA		J	Resistor 220 1/10W Metal Oxide
R1157	VRS-TV1JD103JY	AA		J	Resistor 10k 1/10W Metal Oxide
N	QCNW-F878WJQZ	AG		J	Connecting Cord

# [10] CABINET AND MECHANICAL PARTS





NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[10] CABINET AND MECHANICAL PARTS</b>					
1	CBDYTA266WEF0	BP	N	J	Top Body Ass'y
1-1	Not Available	-	N	-	Top Body
1-2	HDECPA027WJSA	AD		J	Led Cover
1-3	HINDPB309WJSE	AK	N	J	Operation Cover
1-4	JBTN-A463WJSA	AF		J	Power Button
1-5	TLABZB677WJZZ	AD	N	J	POP Label
2	CBDYUA307WEF0	BV	N	J	Bottom Body Ass'y
2-1	CDORUA079WEF0	AL		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	Not Available	-	N	-	Bottom Body Ass'y
2-2-1	Not Available	-	N	-	Bottom Body
2-2-2	LX-NZ3120CEFW	AB		J	Nut
2-2-3	LX-NZ3144CEFW	AC		J	Nut, x5
2-2-4	LHLDWA161WJZZ	AD		J	Wire Holder
2-2-5	LANGFA300WJFW	AC		J	Kensington Holder
2-2-6	QEARPA261WJFW	AD		J	Bottom Earth
2-3	GLEGPA030WJSA	AK		J	Rear Adjuster
2-4	GLEGPA036WJSA	AP		J	Front Adjuster
2-5	HDECPA028WJSA	AE		J	R/C Cover
2-6	XEBNS30P08000	AA		J	Screw (Front Adjuster)
2-7	Not Available	-	-	-	Filter Ass'y (Front)
2-7-1	LHLDZA781WJKA	AF	N	J	Filter Holder (Front)
2-7-2	PFILDA025WJZZ	AK	N	J	Filter
2-8	Not Available	-	-	-	Filter Ass'y (Rear)
2-8-1	LHLDZA782WJKA	AF	N	J	Filter Holder (Rear)
2-8-2	PFILDA025WJZZ	AK	N	J	Filter
2-9	LX-HZ3105CEFN	AB		J	Screw
2-10	MLEVPA036WJK0	AF		J	SW Lever
2-11	QCNW-E821WJQZ	AN		J	LF Wire
4	-----	-	N	-	Refer to Optical Mechanism Parts
5	AN-F310LP	-	N	-	Lamp Unit
11-1	LX-BZ3100CEF7	AA		J	Screw, x2
11-2	NSFTZ0134CEFW	AD		J	DVI Nut, x2
11-3	PSLDCA027WJKZ	AE	N	J	Button Shield
11-4	PSLDMB152WJFW	AP		J	Terminal Shield
12	HINDPB658WJZZ	AH	N	J	PSB Label (for Singapore)
13	LHLDZA579WJKZ	AH		J	Speaker Holder
14	LHLDZA580WJKZ	AD		J	Support, x2
15	LHLDZA590WJKZ	AD		J	PWB Support
17	LX-BZ3100CEF7	AA		J	Screw, x13
20	NFANRA070WJ00	AY	N	J	Exhaust Fan (Lamp)
21	NFANRA069WJ00	AT	N	J	Exhaust Fan (Power) , x2
23	PCOVNA008WJZZ	AE		J	Power Unit Duct B
24	PCOVNA009WJZZ	AE		J	Power Unit Duct C
25	PZETKA234WJKZ	AL	N	J	Power Insulator (Front)
26	PCOVWA005WJKZ	AH		J	Power Insulator (Rear)
29	PSLDMB151WJFW	AS	N	J	Power Unit Shield (Upper)
30	PSLDMB169WJFW	AW	N	J	Power Unit 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-G313WJPZ	AT	N	J	Bimetal Wire
39	RSP-ZA085WJQZ	AP		J	Speaker
41	XBBSN30P08000	AA		J	Screw
42	XBPS830P08JS0	AB		J	Screw, x2
43	XEBNS30P12000	AA		J	Screw, x18
44	TLABZA956WJZZ	AB		J	WEEE Mark Label (Except U.S.A and Canada)
45	Not Available	-	-	-	Shaft, x4
46	RH-HXA025WJPZ	AP		J	Thermistor
47	LHLDW1226CEZZ	AC		J	Wire Holder, x2
48	PSPAZA875WJKZ	AC		J	Spacer
49	XBBSN30P06000	AA		J	Screw, x2
50	PSLDPA080WJFW	AE	N	J	Exhaust Louver
51	XEBNS30P08000	AA		J	Screw
52	LHLDW1090GEZZ	AB		J	Wire Holder
53	QCNW-F878WJQZ	AG		J	Connecting Cord (CAP Wire)
54	QCNW-F879WJPZ	AW		J	Connecting Cord (TAN Wire)
55	PSPATA031WJZZ	AD		J	Spacer, x2
56	Not Available	-	N	-	Serial No Label

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[11] OPTICAL MECHANISM PARTS</b>					
4	CCHSKA019WEF i	CS	N	J	Optical Mechanism Unit
4-1	LCHSKA019WJF1	BG		J	Engine Base
4-2	LHLDZA572WJKZ	AH		J	Mirror Holder
4-3	LHLDZA715WJKZ	AK		J	Rod Holder Base
4-4	LHLDZA716WJKZ	AH		J	Rod Holder Cover
4-5	CF i LWA143WEF0	BQ	N	J	Color Wheel Ass'y
4-5-1	PF i LWA143WJZZ	BP	N	J	Color Wheel
4-5-2	LHLDZA868WJFW	AU		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, x4
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	PCOVZA098WJKZ	BG		J	Lamp House
4-13	PDUC-A064WJKZ	AR		J	Exhaust Duct
4-15	PLNS-A066WJZZ	BV		J	Projection Lens
4-16	PLNS-A056WJN3	BD	N	J	Plastic Lens
4-17	PLNS-A057WJZZ	AR		J	Illumi Lens 1
4-18	PLNS-A058WJZZ	AS		J	Illumi Lens 2
4-19	PLNS-A088WJZZ	BL	N	J	Rod
4-20	PM i R-A126WJZZ	AS		J	Reflect Mirror
4-21	PSLDPA036WJFW	AF		J	Projection Lens Aperture
4-22	PSLDPA061WJFW	AG		J	DMD Aperture
4-23	PSLDPA055WJFW	AE		J	Rod Aperture
4-24	PSLDPA079WJFW	AL	N	J	Illumi Aperture 1
4-25	PSLDPA057WJFW	AG		J	Illumi Aperture 2
4-26	PSLDPA042WJFW	AE		J	House Shading board
4-27	PSPAZA769WJZZ	AF		J	Dust Proof Spacer
4-29	XBBSN30P06000	AA		J	Screw, x2
4-30	XBBSN30P10000	AA		J	Screw for C/W Holder, x2
4-31	XBPS830P08JS0	AB		J	Screw, x6
4-32	XEBSN30P08000	AA		J	Screw, x2
4-34	TLABZB026WJZZ	AE		J	MECHA No. LABEL
4-35	TLABZB027WJZZ	AB		J	OPT MODEL LABEL
16	LHLDZA612WJFW	AL		J	Backer Plate
18	LX-BZA110WJF7	AC		J	DMD Screw, x4
19	MSPRCA062WJFJ	AB		J	Spring, x4
22	NFANSA019WJZZ	BB		J	Blower Fan Unit
27	PRDARA341WJFW	AX		J	DMD Heat Sink
28	PSHEZA064WJZZ	AL		J	Thermal Pad
32	PSPAZA768WJZZ	AD		J	Backer Plate Sheet
37	QSOCZA159WJZZ	AY	N	J	DMD Socket
38	RDMDPA033WJZZ	EC	N	J	DMD Chip, 0.65" WXGA LVDS
40	XBBSN30P06000	AA		J	Screw, x4

**[12] SUPPLIED ACCESSORIES**

**X1**  
Remote control

**X2**  
Power cord\*  
For U.S. and Canada, etc. (6' (1.8 m))  
For Europe, except U.K. (6' (1.8 m))  
For U.K. and Singapore (6' (1.8 m))

**X3**  
RGB cable (10' (3.0 m))

**X12**  
DIN-D-sub RS-232C adaptor (5 <sup>57</sup>/<sub>64</sub>" (15 cm))

**X13**  
Lens cap (attached)

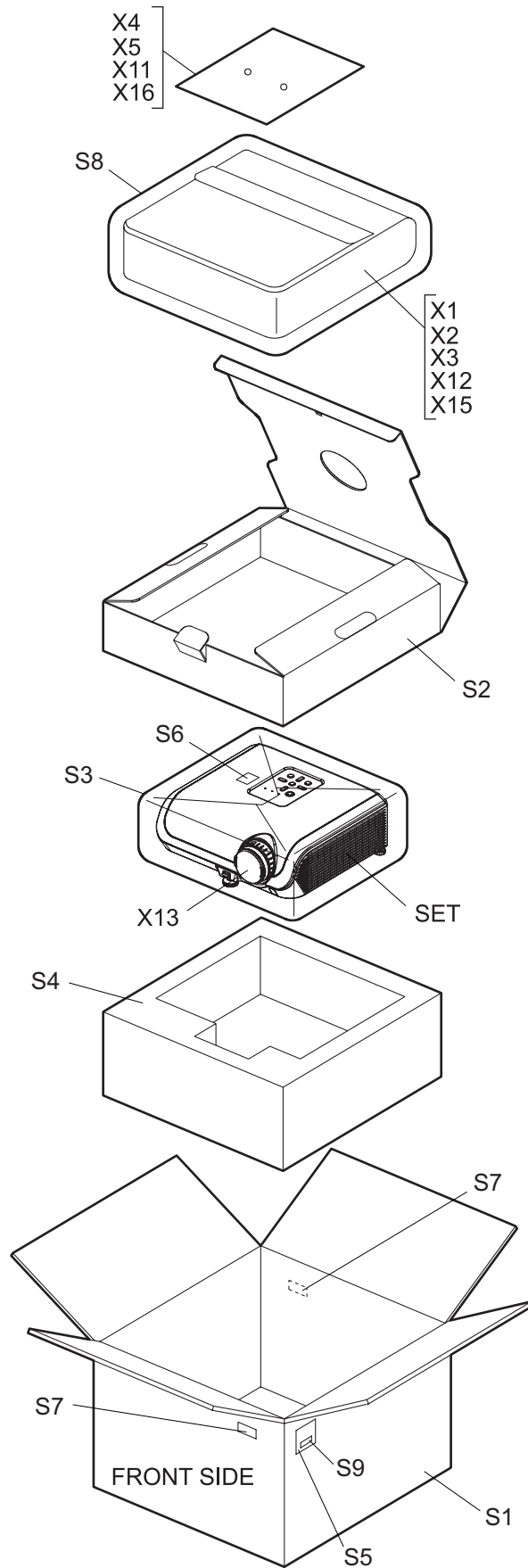
**X15**  
Storage case

**X4** Operation manual  
**X5** CD-ROM

\* Use the power cord that corresponds to the wall outlet in your country.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[12] SUPPLIED ACCESSORIES</b>					
X1	RRMCGA592WJSA	BD	N	J	Remote Control unit
X2	QACCBAA036WJPZ	AX		J	AC Cord (for U.K and Singapore)
X2	QACCDAA007WJPZ	AR		J	AC Cord (for U.S.A and Canada)
X2	QACCLA018WJPZ	AU		J	AC Cord (for Australia, New Zealand and Oceania)
X2	QACCVAA011WJPZ	AT		J	AC Cord (for Europe except U.K)
X3	QCNWGA045WJPZ	AU		J	RGB Cable
X4	TINS-D356WJZZ	AR	N	J	Operation Manual
X5	UDSKAA095WJZZ	AL	N	J	CD-ROM
X6	TGAN-A232WJZZ	AC	N	J	SEC ER Information (for U.S.A)
X7	TGAN-A233WJZZ	AC	N	J	SECL ER Information (for Canada)
X8	TGAN-A811WJZZ	AB		J	SECL Warranty (for Canada)
X9	TGAN-A843WJZZ	AK	N	J	SEC Warranty (for U.S.A)
X10	TLABZA255WJZZ	AE	N	J	ER Sticker (for U.S.A and Canada)
X11	SSAKA0160CEZZ	AB		J	Polyethylene Bag
X12	QCNWGA091WJPZ	AZ		J	DIN-D-sub RS-232C adaptor
X13	CCAPHA024WJSA	AG		J	Lens Cap Ass'y
X14	TCAUZA187WJZZ	AC		J	WEEE Caution Sheet (Except U.S.A and Canada)
X15	GCASNA014WJSA	AZ		J	Caring Bag

[13] PACKING PARTS (NOT REPLACEMENT ITEM)



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
<b>[13] PACKING PARTS (NOT REPLACEMENT ITEM)</b>					
S1	SPAKCD783WJZZ	-	N	-	Packing Case
S2	SPAKFB263WJZZ	-	N	-	Accessory Case
S3	SPAKPA360WJZZ	-		-	Wrapping Paper
S4	SPAKXA768WJZZ	-		-	Buffer Material
S5	TLABVA333WJZZ	-		-	Bar Code Label
S6	TLABZA610WJZZ	-		-	Recycle Label (for Europe except U.K)
S7	TLABZA957WJZZ	-		-	C.W.Mark, x2 (for Europe and Singapore)
S8	SSAKAA037WJZZ	-		-	Caring Bag Sack
S9	TLABV0003SEZZ	-		-	Model Name Label, x2
<b>[14] SERVICE JIGS AND EQUIPMENT (USE FOR SERVICING)</b>					
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	QCNWKA019WJZZ	BU		J	Extension Cable, 120pins, Main to DMD
N	RUNTZA018WJZZ	DR		J	Adjustment Jig, for the Ballast Unit
N	QCNW-E007WJZZ	AT		J	Extension Cable, 3 - 2pins L=600mm, Ballast to Lamp
N	DBDYTA132WJZZ	BS		J	Service Top Body (UV light protection cover)



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