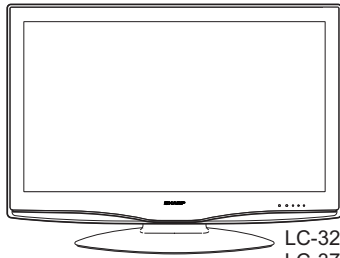
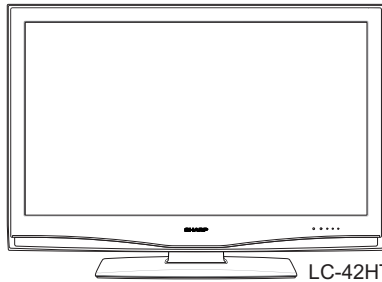


# SHARP SERVICE MANUAL

No. S97P6LC32HT3U

LC-32HT3U  
LC-37HT3U

LC-42HT3U

## LCD COLOR TELEVISION

# LC-32HT3U LC-37HT3U MODELS LC-42HT3U

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

### OUTLINE

This Service Manual covers the differences from LC-32/37D42U. For other technical information, refer to the LC-32/37D42U (No. S06X9LC32D42U) Service Manual.

### CONTENTS

#### DIFFERENCES FROM BASE MODEL

LIST OF CHANGED PARTS .....i

#### SAFETY PRECUTION

IMPORTANT SERVICE SAFETY PRE-  
CAUTION .....ii  
PRECAUTIONS A PRENDRE LORS DE  
LA REPARATION ..... iii  
PRECAUTIONS FOR USING LEAD-FREE  
SOLDER .....iv

#### CHAPTER 1. OPERATION MANUAL

[1] SPECIFICATIONS ..... 1-1  
[2] OPERATION MANUAL ..... 1-2  
[3] DIMENSIONS ..... 1-18

#### CHAPTER 2. REMOVING OF MAJOR PARTS

[1] REMOVING OF MAJOR PARTS  
(LC-32HT3U/LC-37HT3U) ..... 2-1  
[2] REMOVING OF MAJOR PARTS  
(LC-42HT3U)..... 2-7

#### CHAPTER 3. ADJUSTMENT

[1] ADJUSTMENT PROCEDURE ..... 3-1

#### CHAPTER 4. TROUBLE SHOOTING TABLE

[1] TROUBLE SHOOTING TABLE .....4-1

#### CHAPTER 5. OVERALL WIRING DIAGRAM/BLOCK DIAGRAM

[1] OVERALL WIRING DIAGRAM  
(LC-32HT3U) .....5-1  
[2] OVERALL WIRING DIAGRAM  
(LC-37HT3U) .....5-2  
[3] OVERALL WIRING DIAGRAM  
(LC-42HT3U) .....5-3  
[4] SYSTEM BLOCK DIAGRAM .....5-4

#### CHAPTER 6. PRINTED WIRING BOARD

[1] MAIN UNIT PRINTED WIRING BOARD.....6-1  
[2] DIGITAL MINI UNIT PRINTED WIRING  
BOARD .....6-5

#### CHAPTER 7. SCHEMATIC DIAGRAM

[1] DESCRIPTION OF SCHEMATIC DIA-  
GRAM .....7-1  
[2] SCHEMATIC DIAGRAM .....7-2

#### 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.

**DIFFERENCES FROM BASE MODEL**

**LIST OF CHANGED PARTS**

| Ref No.                         | Description           | LC-32D42U/LC-37D42U | LC-32HT3U/LC-37HT3U/LC-42HT3U | Note       |
|---------------------------------|-----------------------|---------------------|-------------------------------|------------|
| Printed Wiring Board Assemblies |                       |                     |                               |            |
|                                 | MAIN Unit             | DUNTKD862FM04       | DUNTKE285FM01                 | Change     |
|                                 | R/C, LED Unit         | DUNTKD909FM02       | DUNTKD909FM02                 | No Changes |
|                                 | KEY Unit              | DUNTKD910FM02       | DUNTKD910FM02                 | No Changes |
|                                 | AV-Terminal Unit      | DUNTKD999FM04       | DUNTKD999FM04                 | No Changes |
|                                 | POWER Unit            | RDENCA198WJQZ       | RDENCA198WJQZ                 | No Changes |
|                                 | DIGITAL MINI PWB Unit | —                   | DUNTKD537FM03                 | Addition   |

Refer to PARTS GUIDE for CABINET PARTS, SUPPLIED ACCESSORIES, PACKAGING PARTS and SERVICE JIGS.

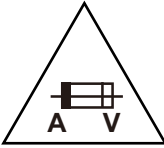
# SAFETY PRECAUTION

## IMPORTANT SERVICE SAFETY PRECAUTION

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

### ■ WARNING

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



**CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.**

F701 (125V 8A),  
F4701, F5701 (250V 3A ~ 115°C)

### ■ BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

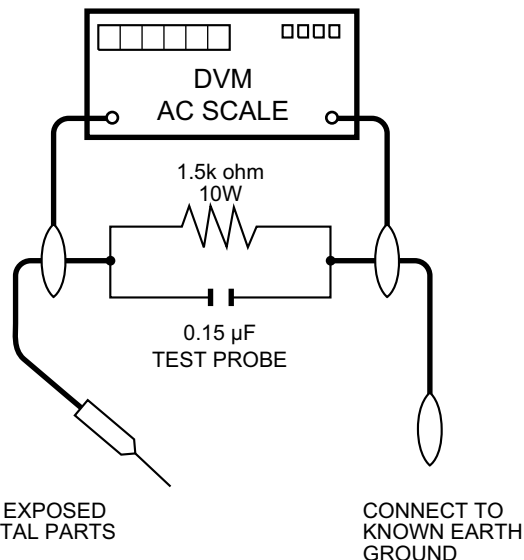
Before returning the receiver to the user, perform the following safety checks:

3. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
4. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
5. To be sure that no shock hazard exists, check for leakage current in the following manner.
  - Plug the AC cord directly into a 120 volt AC outlet.
  - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.75 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



### SAFETY NOTICE

Many electrical and mechanical parts in LCD color television 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 List and Schematic Diagrams.



For continued protection, replacement parts must be identical to those used in the original circuit.

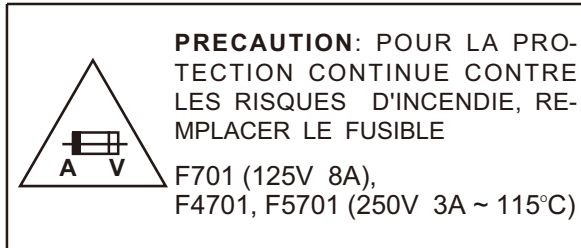
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

## 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.

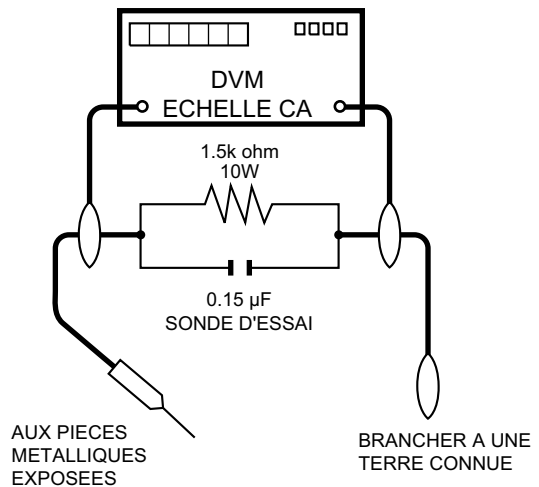


### ■ VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

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

3. 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.
4. 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 résistancecapacité, les isolateurs mécaniques, etc.
5. 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 120V. (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 0.75V (correspondante au courant CA de pointe de 0.5mA). 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 téléviseur ACL 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 étalonées 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, radiations X ou autres accidents.

**PRECAUTIONS FOR USING LEAD-FREE SOLDER**

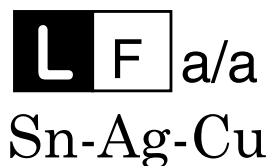
**■Employing lead-free solder**

- “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.



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

| PARTS CODE    | PRICE RANK | PART DELIVERY | DESCRIPTION         |
|---------------|------------|---------------|---------------------|
| ZHNDai123250E | BL         | J             | φ0.3mm 250g (1roll) |
| ZHNDai126500E | BK         | J             | φ0.6mm 500g (1roll) |
| ZHNDai12801KE | BM         | J             | φ1.0mm 1kg (1roll)  |

# CHAPTER 1. OPERATION MANUAL

## [1] SPECIFICATIONS

| Item                    |                    | Model: LC-32HT3U   | Model: LC-37HT3U  | Model: LC-42HT3U  |
|-------------------------|--------------------|--|---|---|
| LCD panel               |                    | 32" Advanced Super View & BLACK TFT LCD (Screen size 31 <sup>1</sup> / <sub>2</sub> " measured diagonally) | 37" Advanced Super View & BLACK TFT LCD (Screen size 37" measured diagonally)                               | 42" Advanced Super View & BLACK TFT LCD (Screen size 42 <sup>1</sup> / <sub>64</sub> " measured diagonally) |
| Number of dots          |                    | 3,147,264 dots (1366 × 768 × 3 dots)   |   |   |
| TV Function             | TV-standard (CCIR) | American TV Standard ATSC/NTSC System  |   |   |
|                         | Receiving Channel  | VHF/UHF  | VHF 2-13ch, UHF 14-69ch   |   |
|                         |                    | CATV   | 1-135ch (non-scrambled channel only)  |   |
|                         |                    | Digital Terrestrial Broadcast (8VSB)   | 2-69ch  |   |
|                         |                    | Digital cable*1 (64/256 QAM)   | 1-135ch (non-scrambled channel only)  |   |
| Audio multiplex         | BTSC System        |  |   |   |
| Audio out               |                    | 10W × 2  |   |   |
| Terminals               | Rear               | INPUT 1  | AV in, COMPONENT in   |   |
|                         |                    | INPUT 2  | AV in, S-VIDEO in   | AV in, COMPONENT in   |
|                         |                    | INPUT 3  | Audio in, COMPONENT in  | AV in, S-VIDEO in   |
|                         |                    | INPUT 4  | HDMI in with HDCP   |   |
|                         |                    | INPUT 5  | Audio in, HDMI in with HDCP   |   |
|                         |                    | INPUT 6  | 15 pin mini D-sub female connector, Audio in (Ø 3.5 mm jack)  |   |
|                         |                    | ANTENNA  | 75 Ω Unbalance, F Type × 1 (VHF/UHF/CATV/ATSC/QAM)  |   |
|                         |                    | DIGITAL AUDIO OUTPUT   | Optical Digital audio output × 1 (PCM/Dolby Digital)  |   |
|                         |                    | OUTPUT   | Audio out   |   |
|                         |                    | TRANSPORT  | RJ-11   |   |
| OSD language            |                    | English/French/Spanish   |   |   |
| Power Requirement       |                    | AC 120 V, 60 Hz  |   |   |
| Power Consumption       |                    | 152 W  | 185 W   | 235 W   |
| Weight                  | TV only            | 35.3 lbs./16.0 kg  | 43.0 lbs./19.5 kg   | 59.5 lbs./27.0 kg   |
|                         | TV+ stand          | 40.8 lbs./18.5 kg  | 50.7 lbs./23.0 kg   | 67.2 lbs./30.5 kg   |
| Dimension*2 (W × H × D) | TV only            | 31 <sup>11</sup> / <sub>32</sub> × 20 <sup>59</sup> / <sub>64</sub> × 3 <sup>53</sup> / <sub>64</sub> inch | 35 <sup>61</sup> / <sub>64</sub> × 23 <sup>37</sup> / <sub>64</sub> × 3 <sup>53</sup> / <sub>64</sub> inch  | 40 <sup>19</sup> / <sub>32</sub> × 26 <sup>37</sup> / <sub>64</sub> × 5 <sup>9</sup> / <sub>32</sub> inch   |
|                         | TV+ stand          | 31 <sup>11</sup> / <sub>32</sub> × 23 <sup>13</sup> / <sub>64</sub> × 9 <sup>37</sup> / <sub>64</sub> inch | 35 <sup>61</sup> / <sub>64</sub> × 25 <sup>27</sup> / <sub>32</sub> × 11 <sup>35</sup> / <sub>64</sub> inch | 40 <sup>19</sup> / <sub>32</sub> × 28 <sup>7</sup> / <sub>8</sub> × 11 <sup>1</sup> / <sub>2</sub> inch     |
| Operating temperature   |                    | + 32°F to + 104°F (0°C to + 40°C)  |   |   |

\*1 Emergency alert messages via Cable are unreceivable.

\*2 The dimensional drawings are shown on the inside back cover.

- As 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.

### Optional accessory

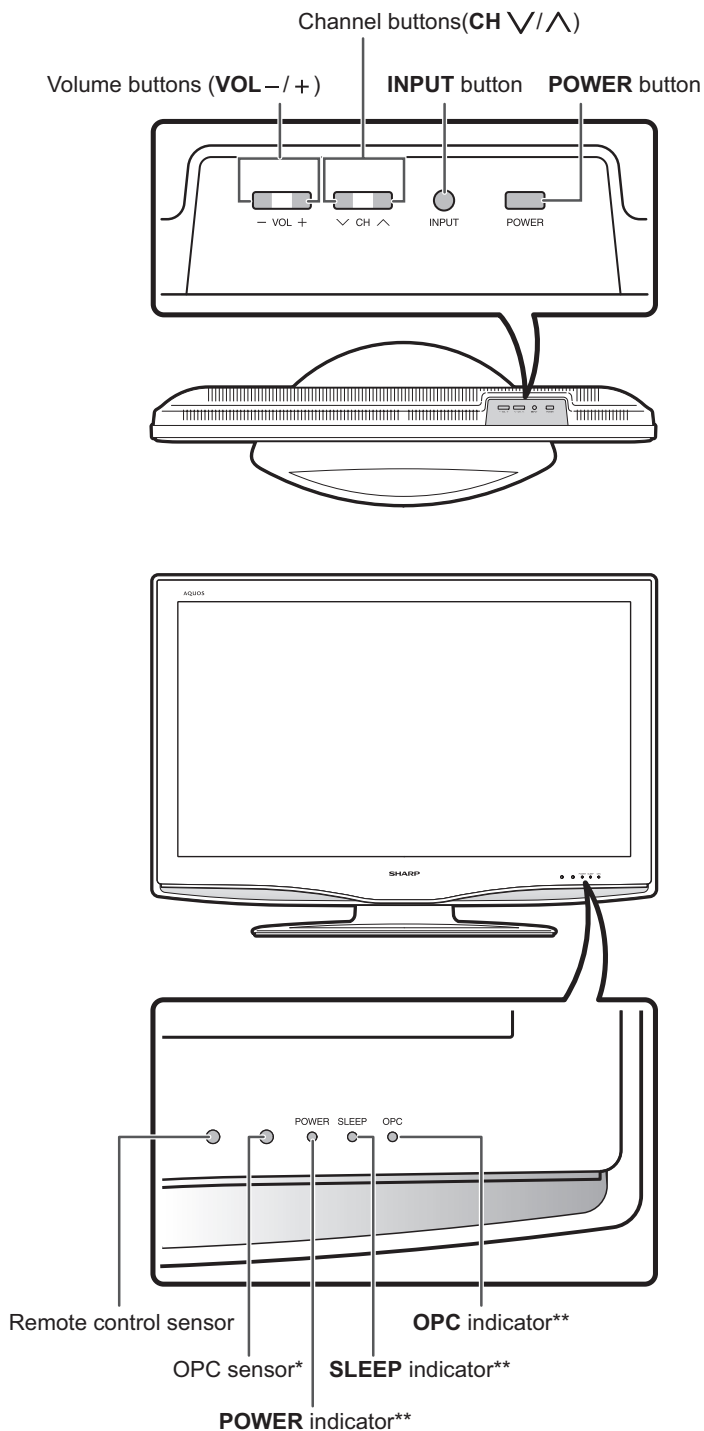
The listed optional accessory is available for the Liquid Crystal Television. Please purchase it at your nearest shop.

- Additional optional accessories may be available in the near future. When purchasing, please read the newest catalogue for compatibility and check the availability.

| Part name          | Model number                           |
|--------------------|--|
| Wall mount bracket | AN-37AG2/<br>AN-52AG1 (LC-42HT3U only) |

# Part names

## TV (Top/Front)



**NOTE**

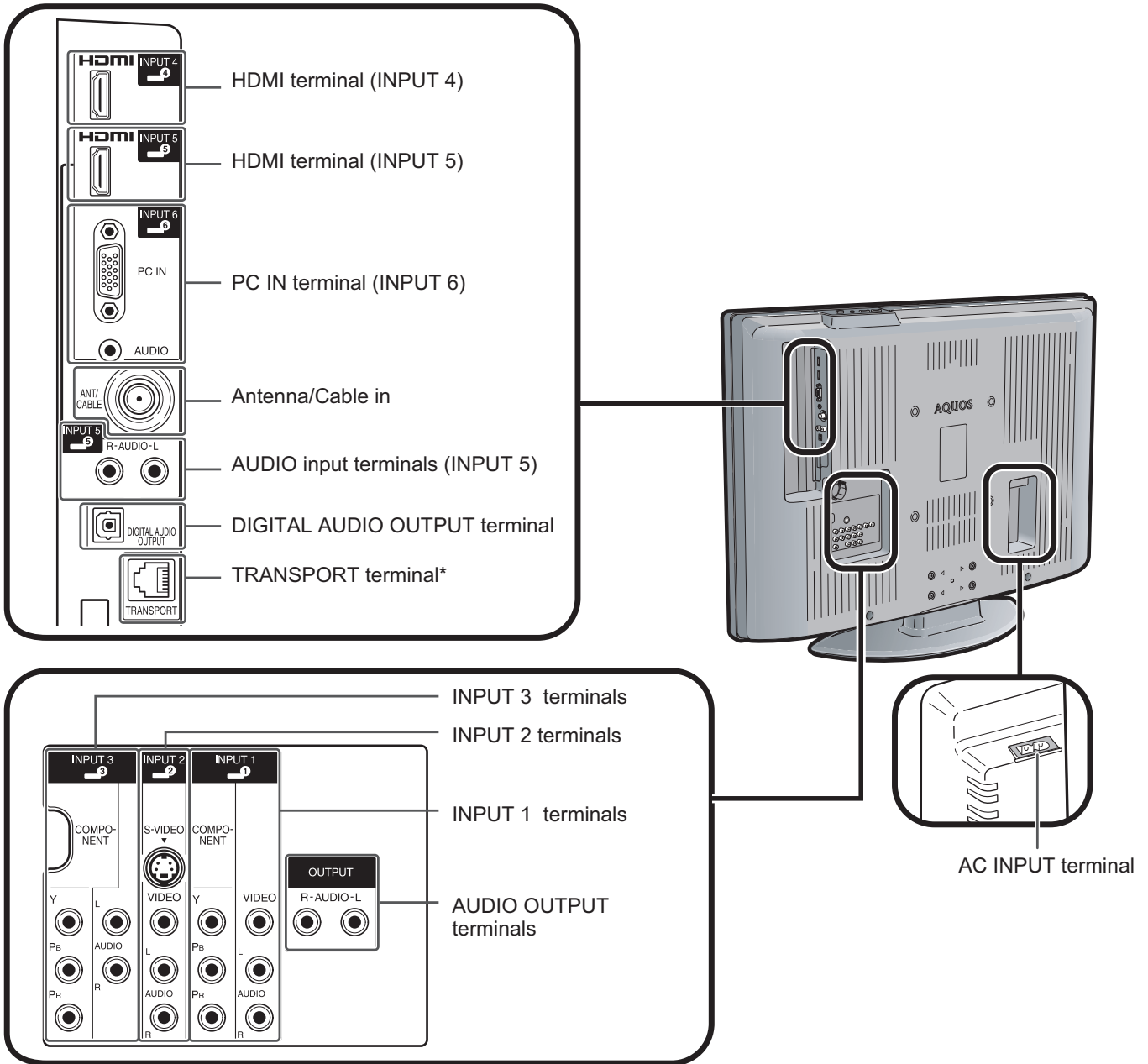
\* OPC: Optical Picture Control (See **OPERATION MANUAL FOR HOTEL OPERATOR.**)

\*\* See page for TV status indicator Operation Manual.

Part names

TV (Rear)

LC-32HT3U/LC-37HT3U



**NOTE**

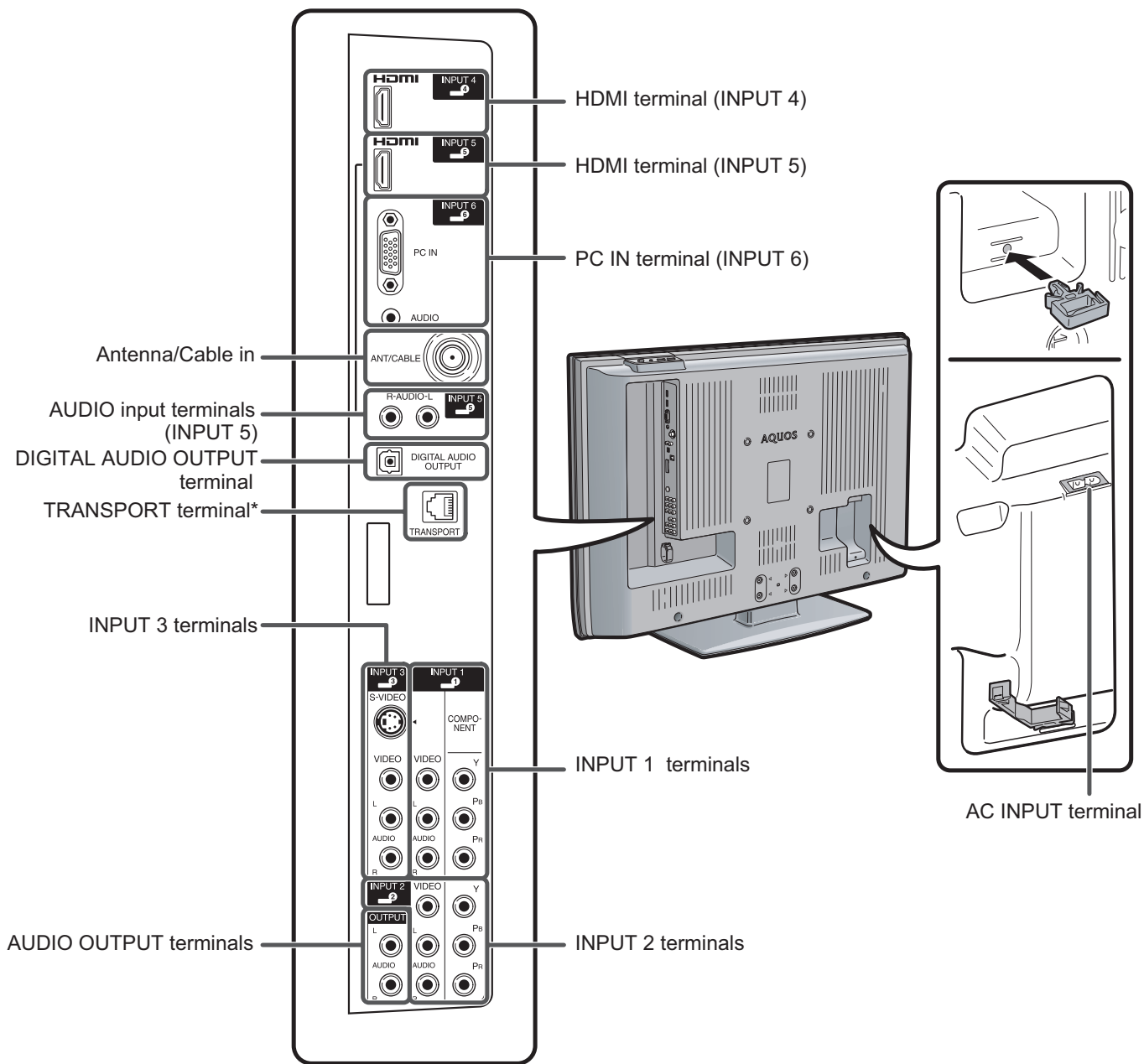
\* The TRANSPORT terminal is designed for hotel communication. Do not use it for other purposes.



Part names

TV (Rear)

LC-42HT3U

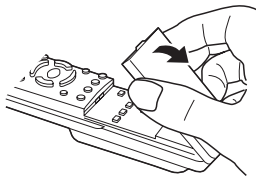
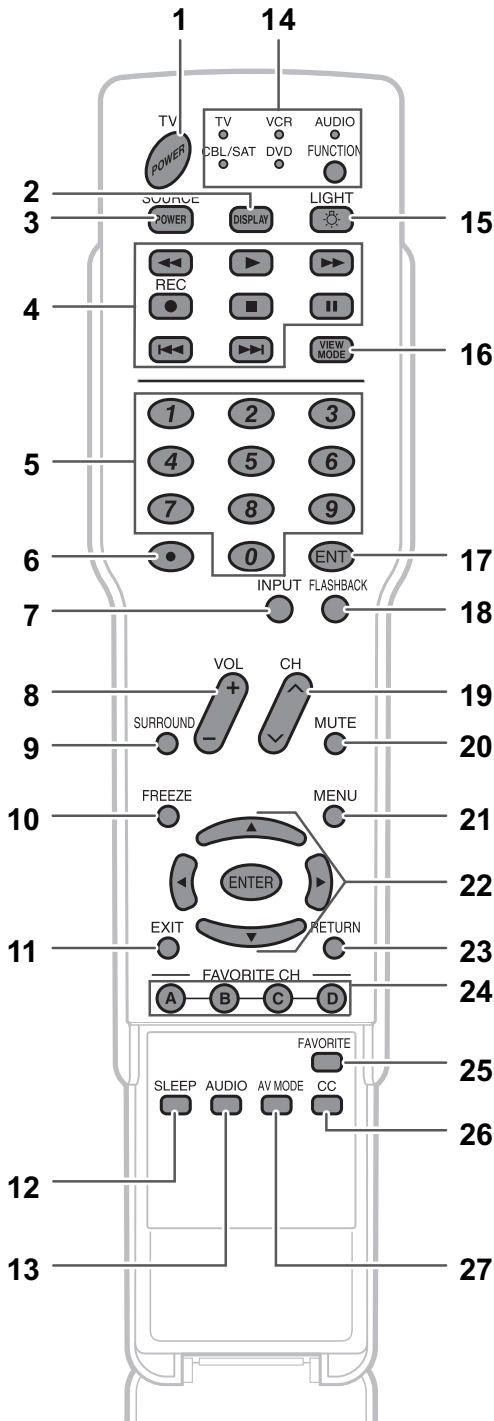


**NOTE**

\* The TRANSPORT terminal is designed for hotel communication. Do not use it for other purposes.

Part names

**Remote control unit  
(Optional accessory: AN-32HTRC)**



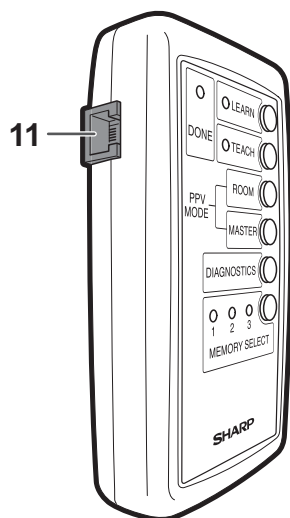
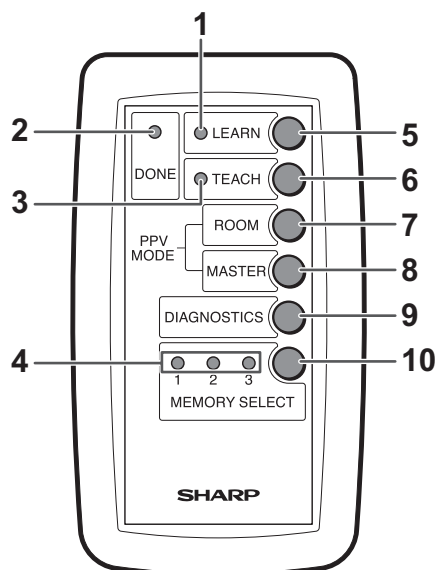
- 1 **TV POWER:** Switches the TV power on or enters standby.
- 2 **DISPLAY:** Displays the channel information.
- 3 **SOURCE POWER:** Turns the power of the external equipment on and off.
- 4 **External equipment operational buttons:** Operates the external equipment.
- 5 **0 – 9:** Sets the channel.
- 6 **• (DOT)**
- 7 **INPUT:** Selects a TV input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5, INPUT 6)
- 8 **VOL + / –:** Sets the volume.
- 9 **SURROUND:** Selects Surround settings.
- 10 **FREEZE:** Sets the still image. Press again to return to normal screen.
- 11 **EXIT:** Turns off the menu screen.
- 12 **SLEEP:** Sets the sleep timer.
- 13 **AUDIO:** Selects the MTS/SAP or the audio mode during multi-channel audio broadcasts.
- 14 **FUNCTION:** Switches the remote control for TV, CBL/SAT, VCR, DVD and AUDIO operation. Indicator lights up for the current mode.  
\* To enter the code registration mode, you need to press **FUNCTION** and **DISPLAY** at the same time.
- 15 **LIGHT** : When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in low-light situations.
- 16 **VIEW MODE:** Selects the screen size.
- 17 **ENT:** Jumps to a channel after selecting with the **0–9** buttons.
- 18 **FLASHBACK:** Returns to the previous channel or external input mode.
- 19 **CH** : Selects the channel.
- 20 **MUTE:** Mutes the sound.
- 21 **MENU:** Displays the menu screen.
- 22 **▲/▼/◀/▶/ENTER:** Selects a desired item on the screen.
- 23 **RETURN:** Returns to the previous menu screen.
- 24 **FAVORITE CH**  
**A, B, C, D:** Selects four preset favorite channels in four different categories.  
While watching, you can toggle the selected channels by pressing A, B, C and D.
- 25 **FAVORITE:** Set the favorite channels.
- 26 **CC:** Displays captions from a closed-caption source.
- 27 **AV MODE:** Selects an audio or video setting.  
(When the input source is TV, INPUT 1, 2 or 3: STANDARD, MOVIE, GAME, USER, DYNAMIC (Fixed), DYNAMIC. When the input source is INPUT 4, 5 or 6: STANDARD, MOVIE, GAME, PC, USER, DYNAMIC (Fixed), DYNAMIC)

**NOTE**

- When using the remote control unit, point it at the TV.
- See the **OPERATION MANUAL FOR HOTEL OPERATOR** for details on the functions of each button.

## Part names

## Remote Replicator (Optional accessory: AN-H06RCU)



- 1 **LEARN indicator:** Lights up while storing the TV settings from the TV to the Remote Replicator.
- 2 **DONE indicator:** Lights up when storing or transferring is finished.
- 3 **TEACH indicator:** Lights up while transferring the TV settings from the Remote Replicator to the TV.
- 4 **MEMORY SELECT indicator:** Indicates which memory bank is selected.
- 5 **LEARN button:** Store the TV settings from the TV to the Remote Replicator.
- 6 **TEACH button:** Transfer the TV settings from the Remote Replicator to the TV.
- 7 **ROOM button:** The TV turns off and enters the ROOM mode when the TV is in the MASTER mode. You can turn on or off the TV when the TV is in the ROOM mode.
- 8 **MASTER button:** The TV is turned on and enters the MASTER mode when the TV is turned off. The menu screen displays when the TV is turned on in the MASTER mode or the ROOM mode. The TV is turned off and enters the PPV TV mode when the TV is in the Normal TV mode.
- 9 **DIAGNOSTICS button:** Perform operational tests.
- 10 **MEMORY SELECT button:** Select the memory bank to store or transfer data.
- 11 **TRANSPORT (RJ-11) connector:** Connect to the TV when storing or transferring the data.

### NOTE

- When using the Remote Replicator, point it at the TV.
- See the **OPERATION MANUAL FOR HOTEL OPERATOR** for details on the functions of each button.
- The TRANSPORT (RJ-11) connector is designed for hotel communication. Do not use it for other purposes.

The Remote Replicator is only for hotel operators.

# Preparation

## Attaching the stand

- Before attaching (or detaching) the stand, unplug the AC cord from the AC INPUT terminal.
- Before performing work spread cushioning over the base area to lay the TV on. This will prevent it from being damaged.

### CAUTION

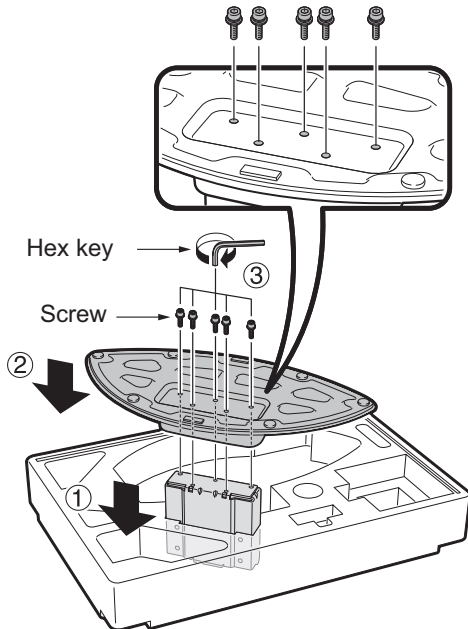
- **Attach the stand in the correct direction.**
- **Be sure to follow the instructions. Incorrect installation of the stand may result in the TV falling over.**

### LC-32HT3U/37HT3U

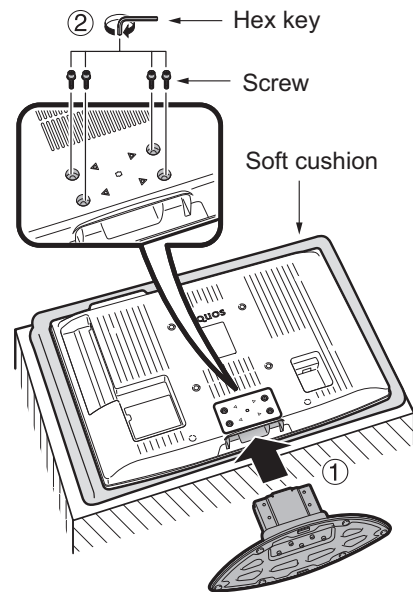
- 1** Confirm that there are 9 screws (all the same size) supplied with the TV.



- 2**
- ① Set the post for the stand unit onto the box.
  - ② Attach the base to the post.
  - ③ Insert and tighten the 5 screws into the 5 holes on the bottom of the base.



- 3**
- ① Insert the stand into the openings on the bottom of the TV.
  - ② Insert and tighten the 4 screws into the 4 holes on the rear of the TV.



### NOTE

- To detach the stand, perform the steps in reverse order.

Preparation

Attaching the stand

- Before attaching (or detaching) the stand, unplug the AC cord from the AC INPUT terminal.
- Before performing work spread cushioning over the base area to lay the TV on. This will prevent it from being damaged.

**CAUTION**

- Attach the stand in the correct direction.
- Be sure to follow the instructions. Incorrect installation of the stand may result in the TV falling over.

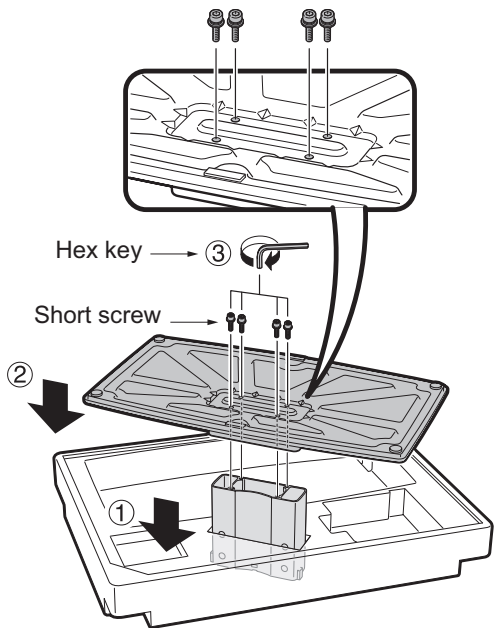
LC-42HT3U

**1** Confirm that there are 8 screws supplied with the TV.

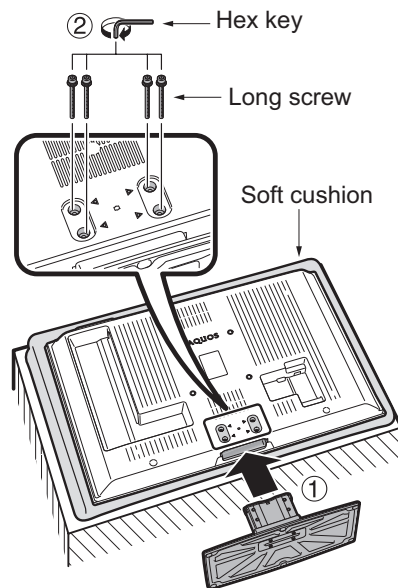
**Short screws (×4)** (Used in step 2)      **Long screws (×4)** (Used in step 3)



- 2**
- ① Set the post for the stand unit onto the box.
  - ② Attach the base to the post.
  - ③ Insert and tighten the 4 short screws into the 4 holes on the bottom of the base.



- 3**
- ① Insert the stand into the openings on the bottom of the TV.
  - ② Insert and tighten the 4 long screws into the 4 holes on the rear of the TV.



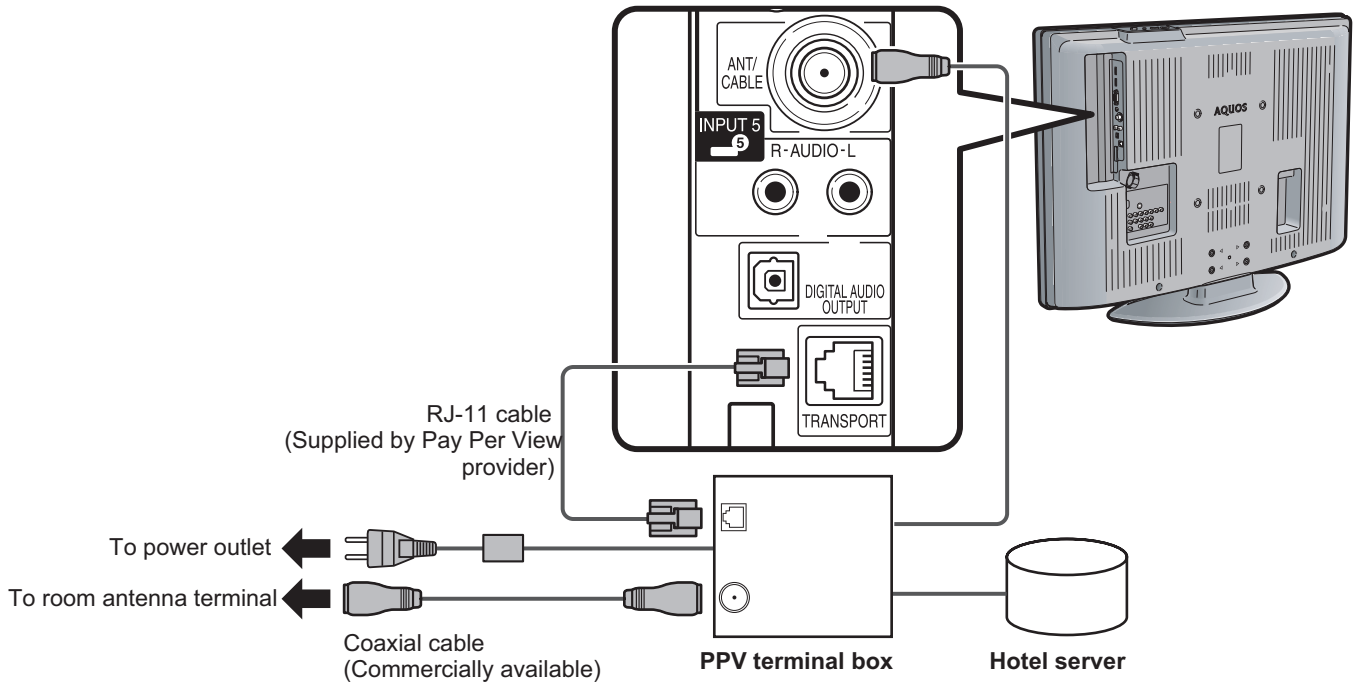
**NOTE**

- To detach the stand, perform the steps in reverse order.

Preparation

**Connecting to the PPV terminal box**

Connect the TV and the PPV terminal box as shown.



## Appendix

## Troubleshooting

| Problem   | Possible Solution   |
|---|---|
| <ul style="list-style-type: none"> <li>• No power</li> </ul>  | <ul style="list-style-type: none"> <li>• Check if you pressed <b>TV POWER</b> on the remote control unit. If the indicator on the TV does not light up, press <b>POWER</b> on the TV.</li> <li>• Is the AC cord disconnected?</li> <li>• Has the power been turned on?</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Unit cannot be operated.</li> </ul>                          | <ul style="list-style-type: none"> <li>• External influences such as lightning, static electricity, may cause improper operation. In this case, operate the unit after first turning on the power of the TV or unplugging the AC cord and replugging it in after 1 or 2 minutes.</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Remote control unit does not operate.</li> </ul>             | <ul style="list-style-type: none"> <li>• Is the <b>FUNCTION</b> set correctly? Set it to the TV setting position.</li> <li>• Are batteries inserted with polarity (+, -) aligned?</li> <li>• Are batteries worn out? (Replace with new batteries.)</li> <li>• Are you using it under strong or fluorescent lighting?</li> <li>• Is a fluorescent light illuminated near the remote control sensor?</li> </ul> |
| <ul style="list-style-type: none"> <li>• Picture is cut off/with sidebar screen.</li> </ul>           | <ul style="list-style-type: none"> <li>• Is the image position correct?</li> <li>• Are screen mode adjustments such as picture size made correctly?</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Strange color, light color, or color misalignment</li> </ul> | <ul style="list-style-type: none"> <li>• Adjust the picture tone.</li> <li>• Is the room too bright? The picture may look dark in a room that is too bright.</li> <li>• Check the input signal setting.</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Power is suddenly turned off.</li> </ul>                     | <ul style="list-style-type: none"> <li>• Is the sleep timer set?</li> <li>• Check the power control settings.</li> <li>• The unit's internal temperature has increased. Remove any objects blocking vent or clean.</li> </ul>   |
| <ul style="list-style-type: none"> <li>• No picture</li> </ul>  | <ul style="list-style-type: none"> <li>• Is connection to other components correct?</li> <li>• Is correct input signal source selected after connection?</li> <li>• Is the correct input selected?</li> <li>• Is picture adjustment correct?</li> <li>• Is "On" selected in "Audio Only"?</li> <li>• Is a non-compatible signal being input?</li> </ul>   |
| <ul style="list-style-type: none"> <li>• No sound</li> </ul>  | <ul style="list-style-type: none"> <li>• Is the volume too low?</li> <li>• Is "Variable" selected in "Output Select"</li> <li>• Have you pressed <b>MUTE</b> on the remote control unit?</li> </ul>   |
| <ul style="list-style-type: none"> <li>• The TV sometimes makes a cracking sound.</li> </ul>          | <ul style="list-style-type: none"> <li>• This is not a malfunction. This happens when the cabinet slightly expands and contracts according to change in temperature. This does not affect the TV's performance.</li> </ul>  |

## Troubleshooting-Digital broadcasting

The error message about reception of broadcast

| The example of an error message displayed on a screen                            | Error code  | Possible Solution   |
|--|-------------|---|
| <ul style="list-style-type: none"> <li>• Failed to receive broadcast.</li> </ul> | <b>E202</b> | <ul style="list-style-type: none"> <li>• Check the antenna cable. Check that the antenna is correctly setup.</li> </ul> |
| <ul style="list-style-type: none"> <li>• No broadcast now.</li> </ul>            | <b>E203</b> | <ul style="list-style-type: none"> <li>• Check the broadcast time in the program guide.</li> </ul>                      |

### Cautions regarding use in high and low temperature environments

- When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the Liquid Crystal panel to malfunction.  
Storage temperature: -4°F to +140°F (-20°C to +60°C)

**Appendix**

**PC compatibility chart**

It is necessary to set the PC correctly to display XGA and WXGA signal. Refer to set PC input signals.


| PC | Resolution | Horizontal Frequency | Vertical Frequency | VESA Standard |   |
|----|------------|----------------------|--------------------|---------------|---|
| PC | VGA        | 720 x 400            | 31.5 kHz           | 70 Hz         | — |
|    |            | 640 x 480            | 31.5 kHz           | 60 Hz         | O |
|    | 37.9 kHz   |                      | 72 Hz              | O             |   |
|    | 37.5 kHz   |                      | 75 Hz              | O             |   |
|    | 35.1 kHz   |                      | 56 Hz              | O             |   |
|    | SVGA       | 800 x 600            | 37.9 kHz           | 60 Hz         | O |
|    |            |                      | 48.1 kHz           | 72 Hz         | O |
|    |            |                      | 46.9 kHz           | 75 Hz         | O |
|    |            |                      | 48.4 kHz           | 60 Hz         | O |
|    | XGA        | 1024 x 768           | 56.5 kHz           | 70 Hz         | O |
|    |            |                      | 60.0 kHz           | 75 Hz         | O |
|    |            |                      | 47.7 kHz           | 60 Hz         | O |
|    | WXGA       | 1360 x 768           |                    |               |   |

DDC is a registered trademark of Video Electronics Standards Association.  
 Power Management is a registered trademark of Sun Microsystems, Inc.  
 VGA and XGA are registered trademarks of International Business Machines Co., Inc.




# MENU ITEM FOR PPV ROOM MODE

## TV & INPUT1~5


 Function

Sleep Timer  
Parental CTRL  
Close Caption  
Language  
View Mode  
Input Select

## INPUT6

 Function

Sleep Timer  
Parental CTRL  
Close Caption  
Language  
View Mode  
Input Select

 Option


Input Signal  
Auto Sync.

# Basic adjustment settings

## PPV Master Mode TV

 Picture

OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     3D-Y/C  
     Monochrome  
     Range of OPC  
 Reset

 Audio


Treble  
 Bass  
 Balance  
 Surround  
 Reset

 Power Control

No Signal Off  
 No Operation Off

 Setup

EZ Setup  
 CH Setup  
 Antenna Setup-DIGITAL  
 Input Skip  
 Position  
 Language

 Option

Digital Noise Reduction  
 Caption Setup

 Digital Setup

Audio Setup  
 Identification

 PPV TV

Refer to page 1-15

## PPV Master Mode INPUT1/2/3

 Picture

OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     3D-Y/C  
     Monochrome  
     Range of OPC  
 Reset

 Audio


Treble  
 Bass  
 Balance  
 Surround  
 Reset

 Power Control

No Signal Off  
 No Operation Off

 Setup


Input Skip  
 Input Label  
 Position  
 Language

 Option

Digital Noise Reduction  
 Color System  
 Caption Setup

 Digital Setup

Audio Setup  
 Identification

 PPV TV


Refer to page 1-15

# Basic adjustment settings


## PPV Master Mode HDMI (INPUT4/5)

 Picture

OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     3D-Y/C  
     Monochrome  
     Range of OPC  
 Reset

 Audio


Treble  
 Bass  
 Balance  
 Surround  
 Reset

 Power Control

No Signal Off  
 No Operation Off

 Setup

Input Skip  
 Input Label  
 Position  
 Language

 Option

Digital Noise Reduction  
 HDMI Setup

 **NOTE**

- Some menu items may not be displayed depending on the selected input source.


 PPV TV

Refer to page 1-15


## PPV Master Mode PC-IN(INPUT6)

 Picture

OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     Monochrome  
     Range of OPC  
 Reset

 Audio


Treble  
 Bass  
 Balance  
 Surround  
 Reset

 Power Control

No Signal Off  
 No Operation Off

 Setup

Input Skip  
 Input Signal  
 Auto Sync.  
 Input Label  
 Fine Sync.  
 Language

 Option

Digital Noise Reduction

 **NOTE**

- Some menu items may not be displayed depending on the selected input source.

 PPV TV

Refer to page 1-15

## PPV TV SETTING LIST by PPV SERVICE PROVIDERS

---

### LODGENET

TV Mode  
PPV System  
Function Menu Setup  
Default Channel  
Default Volume  
Room Mode  
CH Re-Map  
Reset

### nSTREAMS

TV Mode  
PPV System  
Function Menu Setup  
Default Channel  
Default Volume  
Room Mode  
CH Re-Map  
Reset

### ONCOMMAND

TV Mode  
PPV System  
Default Channel  
Default Volume  
Room Mode  
Label Input  
CH Re-Map  
Reset

### SeaChange

TV Mode  
PPV System  
Default Channel  
Default Volume  
Room Mode  
Label Input  
CH Re-Map  
Reset

### NXTV

TV Mode  
PPV System  
Default Channel  
Default Volume  
Room Mode  
CH Re-Map  
Reset

# Basic adjustment settings


## Normal Mode TV

 Picture

OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     3D-Y/C  
     Monochrome  
     Range of OPC  
 Reset

 Audio

Treble  
 Bass  
 Balance  
 Surround  
 Reset

 Power Control

No Signal Off  
 No Operation Off

 Setup

EZ Setup  
 CH Setup  
 Antenna Setup-DIGITAL  
 Input Skip  
 Parental CTRL  
 Position  
 Language  
 Reset

 Option

Audio Only  
 Digital Noise Reduction  
 Input Select  
 Output Select  
 Caption Setup  
 Program Title Display  
 Favorite CH

 Digital Setup

Audio Setup  
 Identification


## Normal Mode INPUT1/2/3

 Picture


OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     3D-Y/C  
     Monochrome  
     Range of OPC  
 Reset

 Audio

Treble  
 Bass  
 Balance  
 Surround  
 Reset

 Power Control

No Signal Off  
 No Operation Off

 Setup

Input Skip  
 Input Label  
 Parental CTRL  
 Position  
 Language  
 Reset

 Option

Audio Only  
 Digital Noise Reduction  
 Input Select (except for INPUT3)  
 Output Select  
 Color System  
 Caption Setup  
 Program Title Display

 Digital Setup


Audio Setup  
 Identification

# Basic adjustment settings


## Normal Mode HDMI (INPUT4/5)

 **Picture**

OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     Monochrome  
     Range of OPC  
 Reset

 **Audio**

Treble  
 Bass  
 Balance  
 Surround  
 Reset

 **Power Control**

No Signal Off  
 No Operation Off

 **Setup**

Input Skip  
 Input Label  
 Position  
 Language  
 Reset

 **Option**

Audio Only  
 Digital Noise Reduction  
 HDMI Setup  
 Output Select


 **NOTE**

- Some menu items may not be displayed depending on the selected input source.


## Menu items for HDMI/PC-IN

 **Picture**

OPC  
 Backlight  
 Contrast  
 Brightness  
 Color  
 Tint  
 Sharpness  
 Advanced  
     Color Temp.  
     Black  
     I/P Setting  
     Film Mode  
     Monochrome  
     Range of OPC  
 Reset

 **Audio**

Treble  
 Bass  
 Balance  
 Surround  
 Reset

 **Power Control**

No Signal Off  
 No Operation Off

 **Setup**

Input Skip  
 Input Signal  
 Auto Sync.  
 Input Label  
 Fine Sync.  
 Language  
 Reset

 **Option**

Audio Only  
 Digital Noise Reduction  
 Output Select

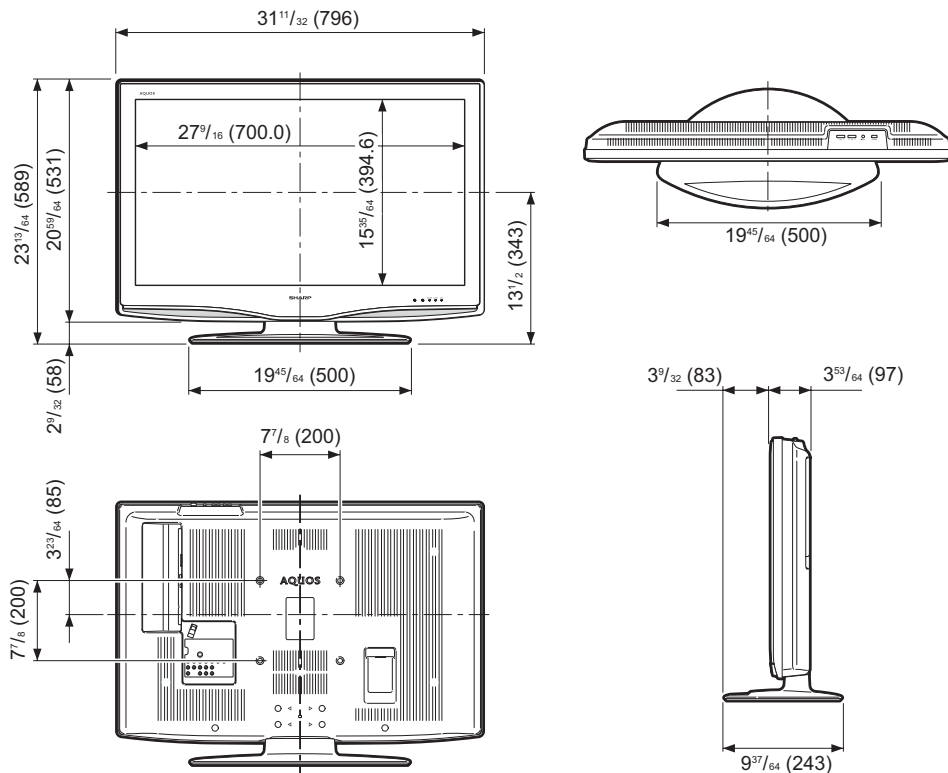
 **NOTE**

- Some menu items may not be displayed depending on the selected input source.

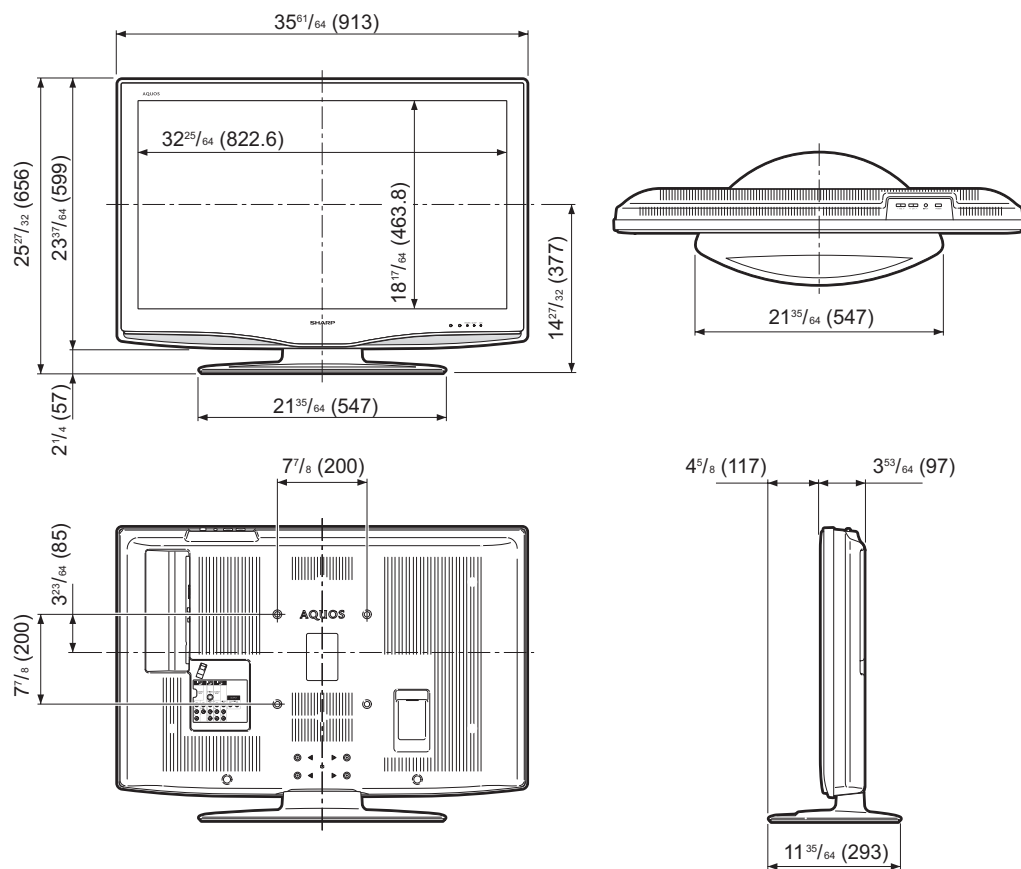
[3] DIMENSIONS

LC-32HT3U

Unit: inch/(mm)

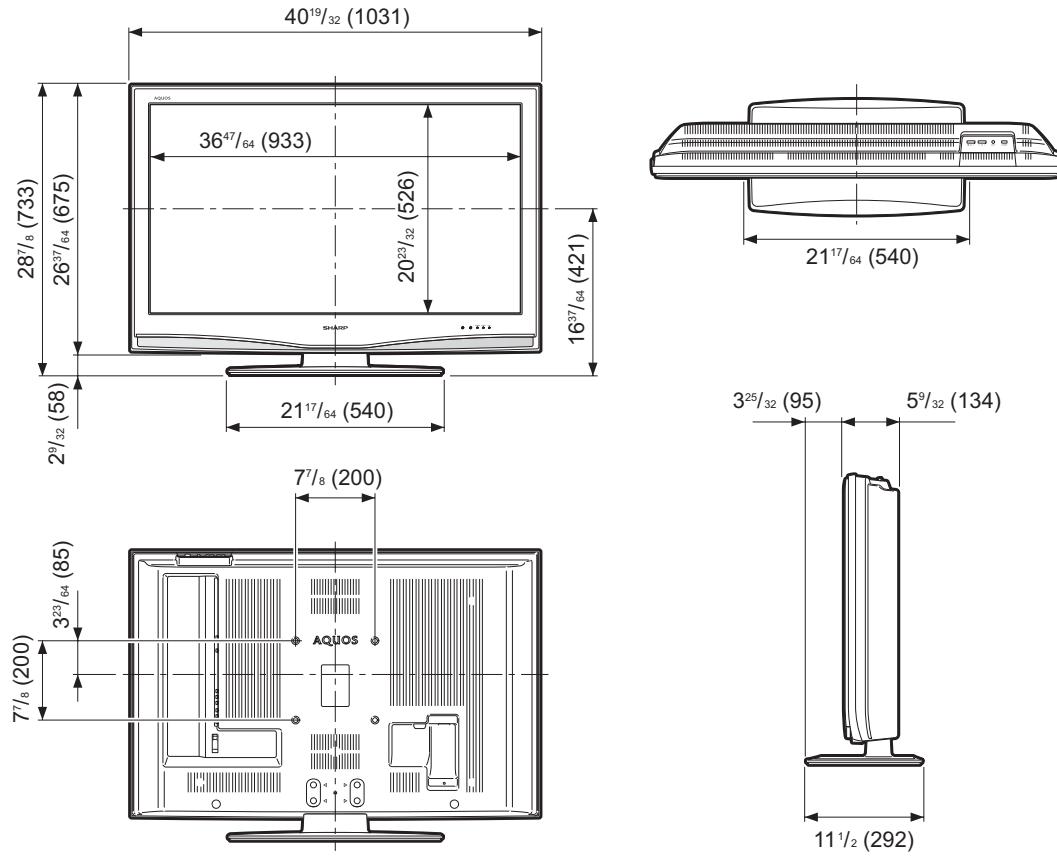


LC-37HT3U



LC-42HT3U

Unit: inch/(mm)

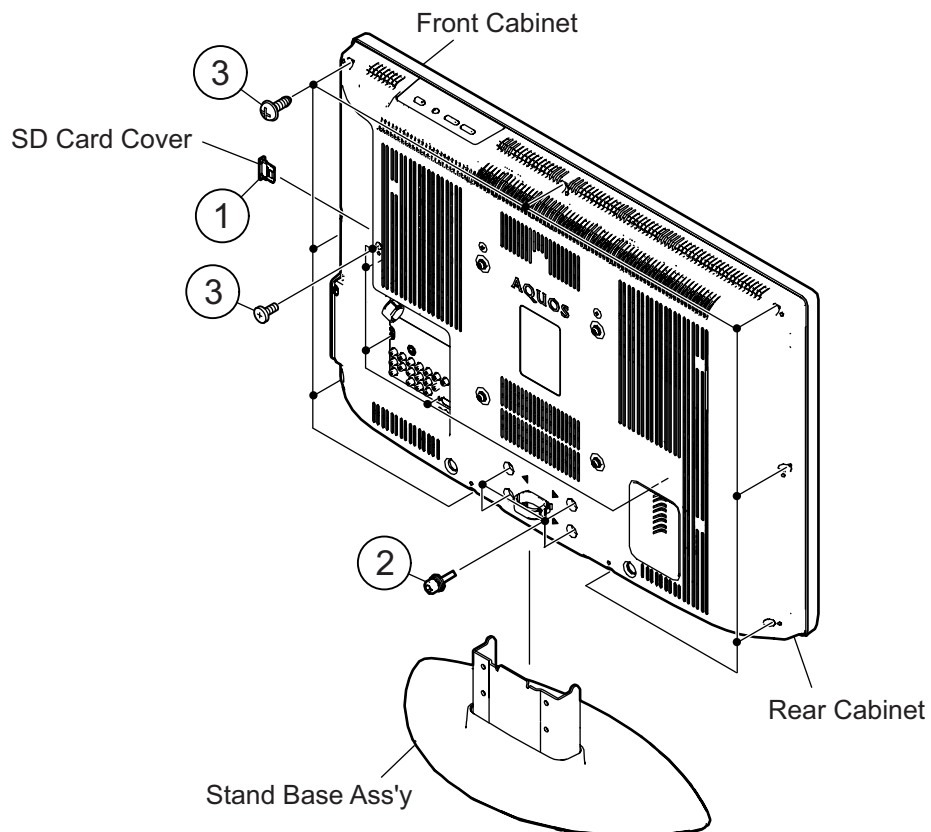




## CHAPTER 2. REMOVING OF MAJOR PARTS

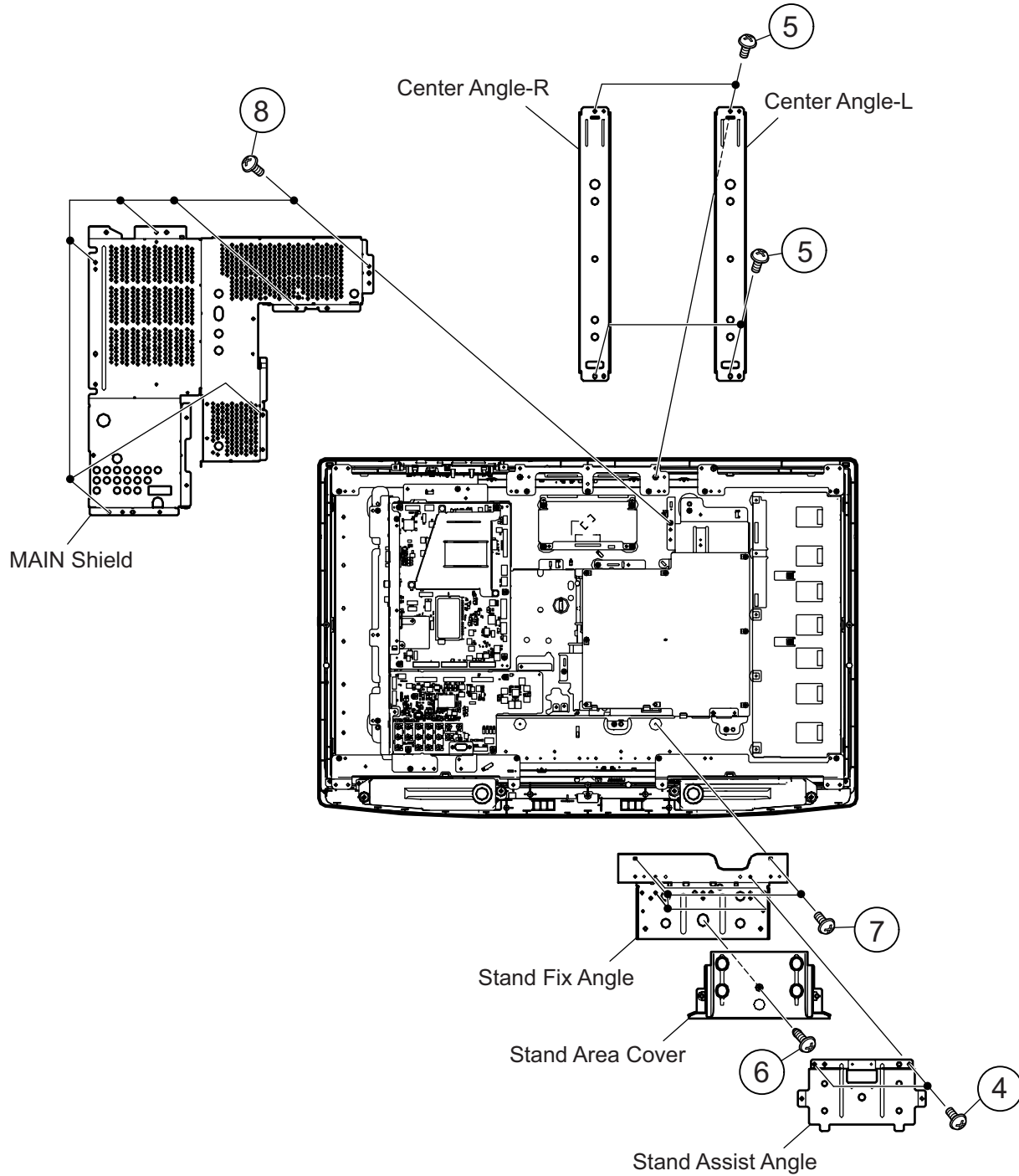
### [1] REMOVING OF MAJOR PARTS (LC-32HT3U/LC-37HT3U)

1. Remove the SD Card Cover.
2. Remove the 4 lock screws and detach the Stand Base Ass'y.
3. Remove the 9 lock screws, 5 lock screws and detach the Rear Cabinet.



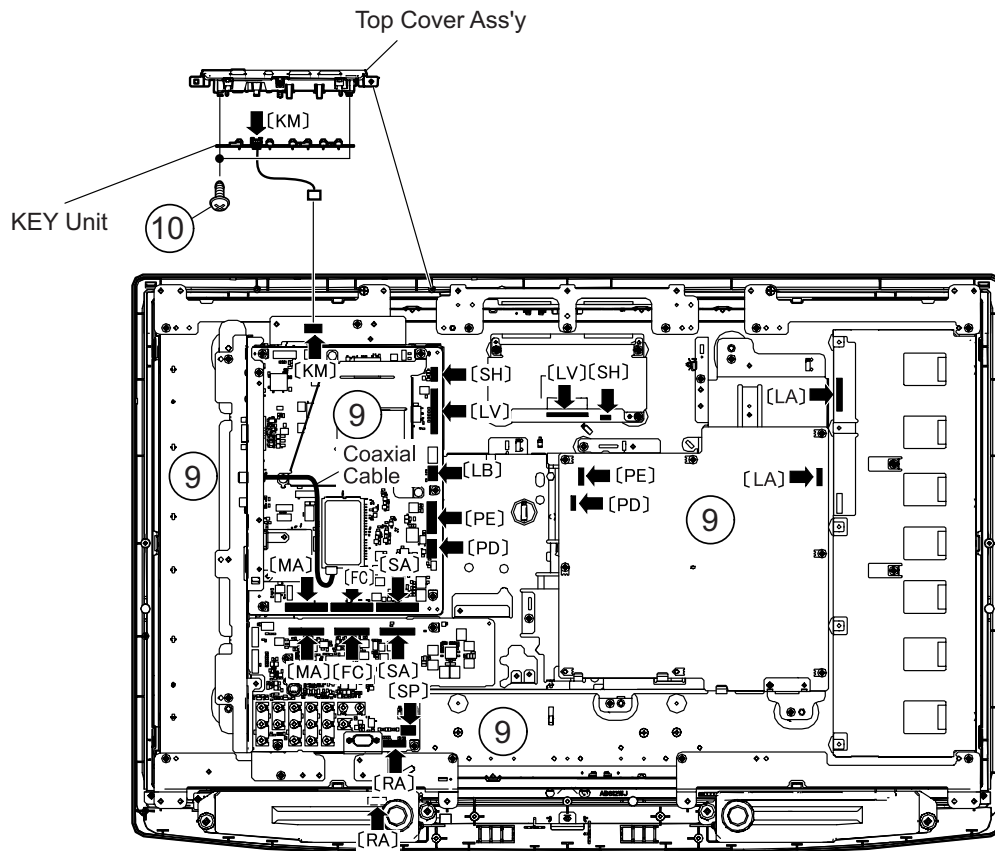
# LC-32HT3U/LC-37HT3U/LC-42HT3U

4. Remove the 2 lock screws and detach the Stand Assist Angle.
5. Remove the 4 lock screws and detach the Center Angle-L and R.
6. Remove the 1 lock screw and detach the Stand Area Cover.
7. Remove the 4 lock screws and detach the Stand Fix Angle.
8. Remove the 6 lock screws and detach the MAIN Shield.



9. Disconnect all the connectors from all the PWBs.

10. Remove the Top Cover Ass'y. Remove the 2 lock screws from the Top Cover Ass'y and detach the KEY Unit.

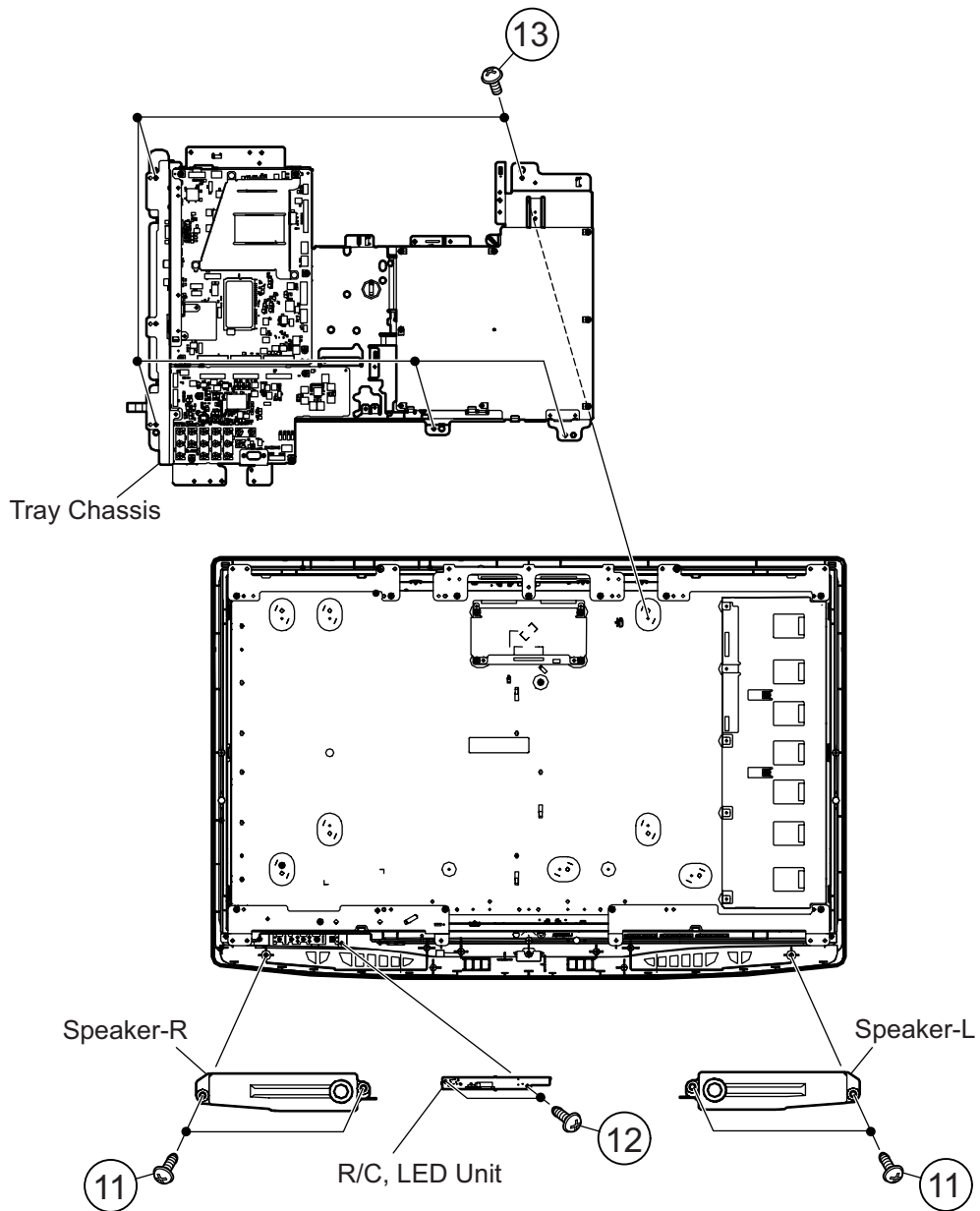


# LC-32HT3U/LC-37HT3U/LC-42HT3U

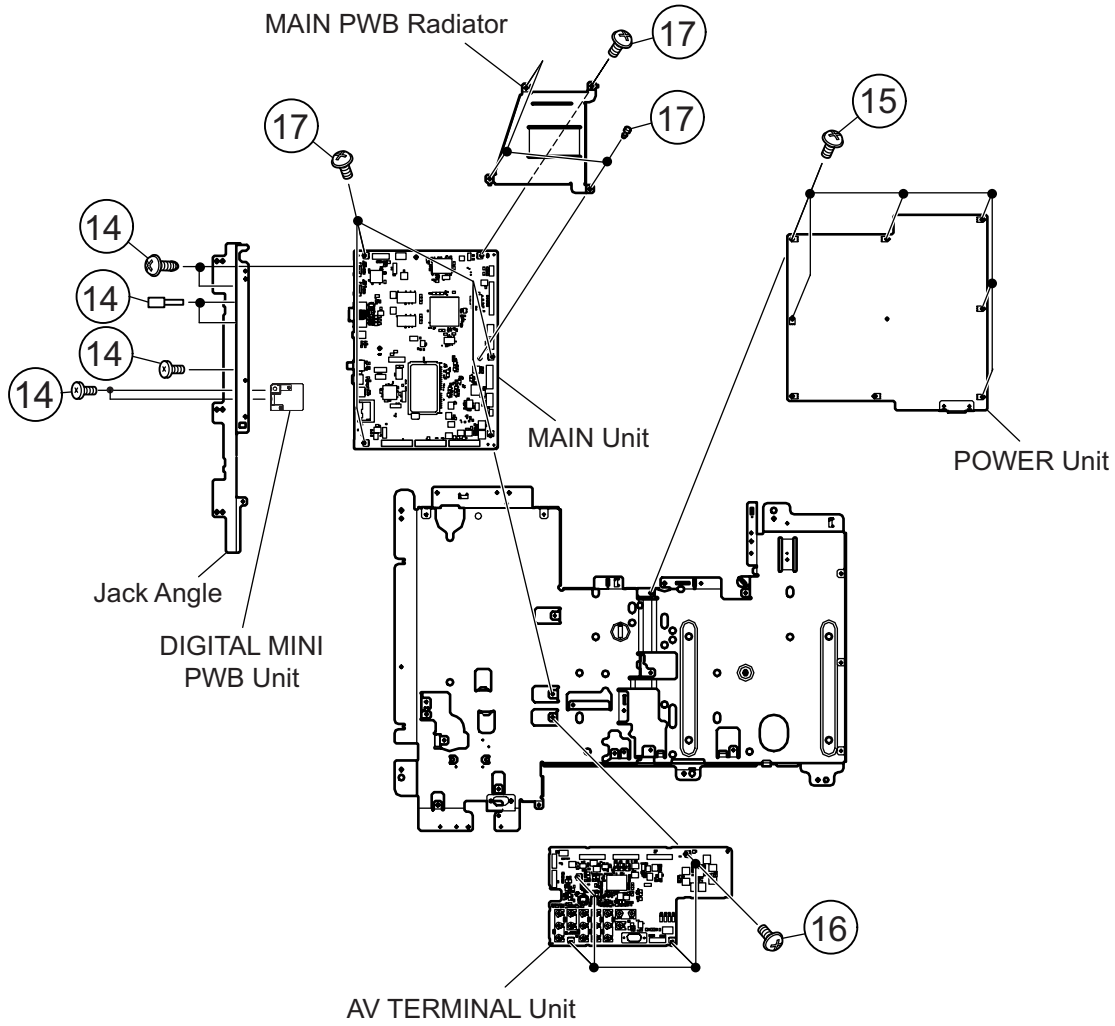
11. Remove the 4 lock screws and detach the Speaker-L and R.

12. Remove the 2 lock screws and detach the R/C, LED Unit.

13. Remove the 5 lock screws and detach the Tray Chassis.

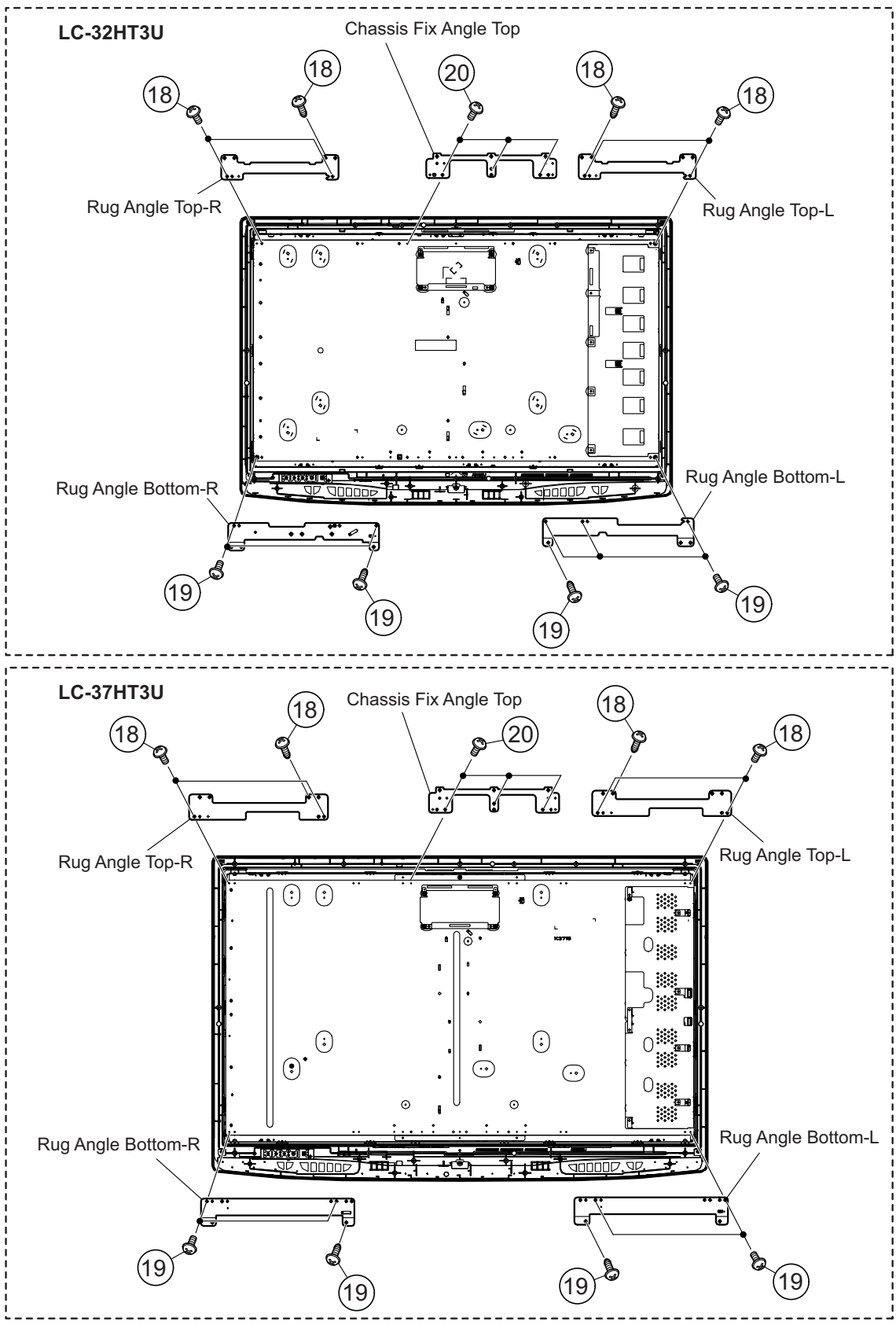


14. Remove the 2 lock screws, 2 lock screws, 1 lock screw and 2 lock screws. Detach the Jack Angle and DIGITAL MINI PWB Unit.
15. Remove the 6 lock screws and detach the POWER Unit.
16. Remove the 4 lock screws and detach the AV TERMINAL Unit.
17. Remove the 5 lock screws, 3 lock rivets and detach the MAIN PWB Radiator and MAIN Unit.



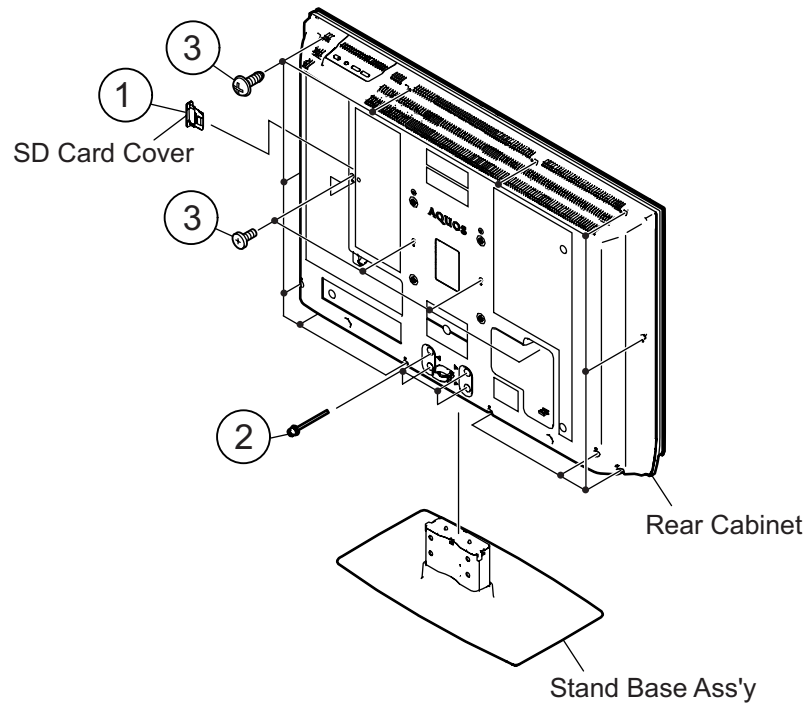
# LC-32HT3U/LC-37HT3U/LC-42HT3U

- 18. Remove the 6 lock screws and detach the Rug Angle Top-L and R.
- 19. Remove the 7 lock screws and detach the Rug Angle Bottom-L and R. (LC-32HT3U)  
Remove the 6 lock screws and detach the Rug Angle Bottom-L and R. (LC-37HT3U)
- 20. Remove the 2 lock screws and detach the Chassis Fix Angle Top. (LC-32HT3U)  
Remove the 3 lock screws and detach the Chassis Fix Angle Top. (LC37HT3U)
- 21. Remove the LCD Panel Module.



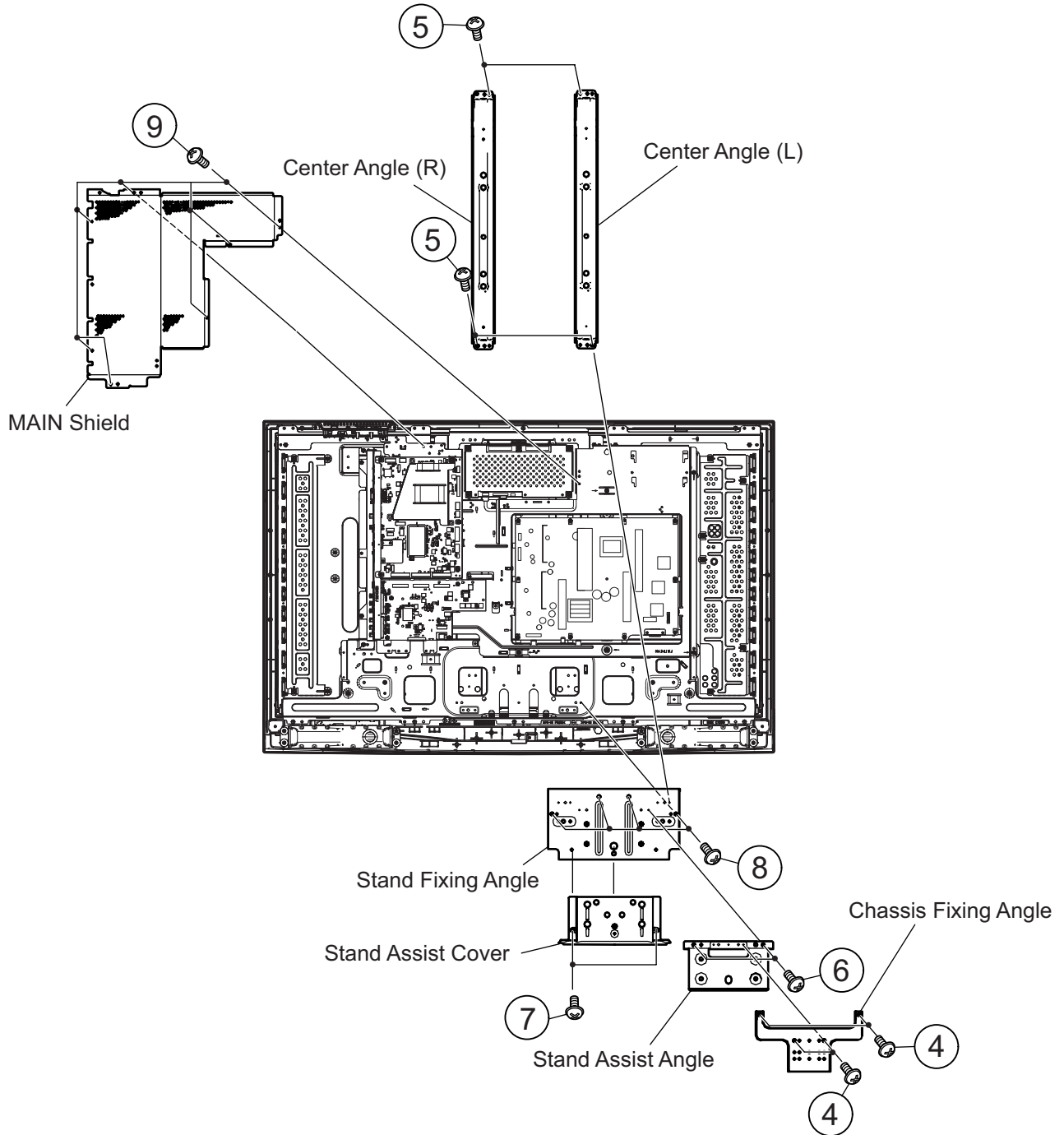
**[2] REMOVING OF MAJOR PARTS (LC-42HT3U)**

1. Remove the SD Card Cover.
2. Remove the 4 lock screws and detach the Stand Base Ass'y.
3. Remove the 12 lock screws, 5 lock screws and detach the Rear Cabinet.



# LC-32HT3U/LC-37HT3U/LC-42HT3U

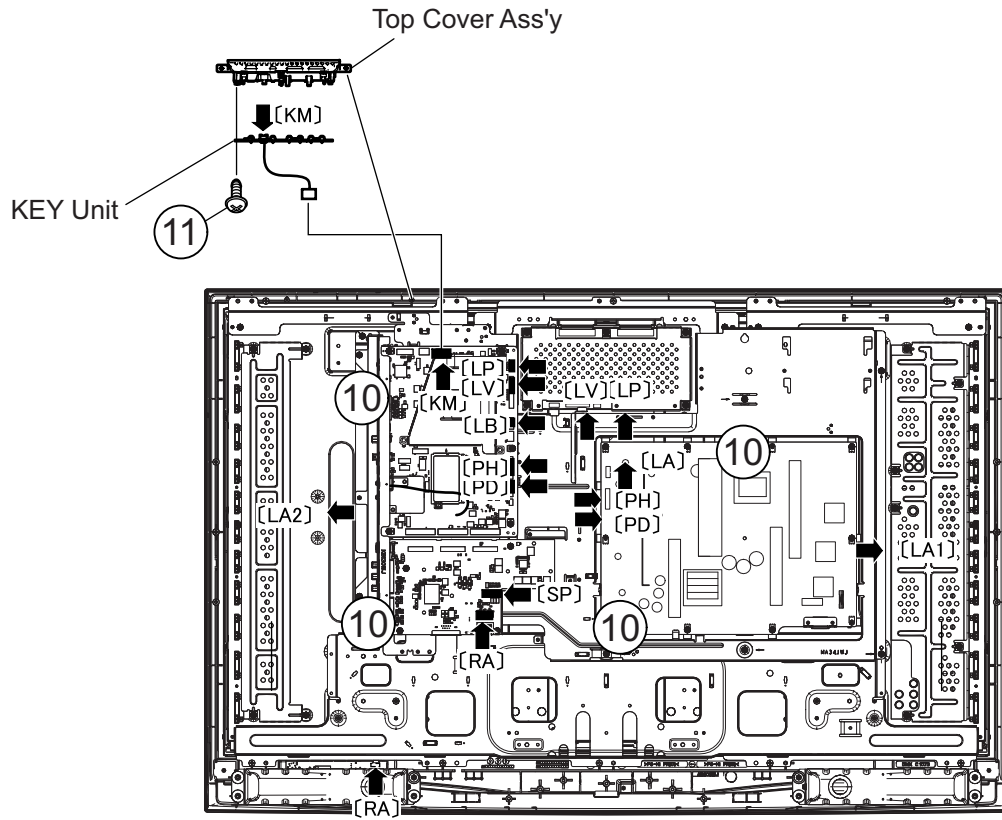
4. Remove the 4 lock screws and detach the Chassis Fixing Angle.
5. Remove the 4 lock screws and detach the Center Angle (L)(R).
6. Remove the 2 lock screws and detach the Stand Assist Angle.
7. Remove the 2 lock screws and detach the Stand Assist Cover.
8. Remove the 4 lock screws and detach the Stand Fixing Angle.
9. Remove the 7 lock screws, detach the MAIN Shield.





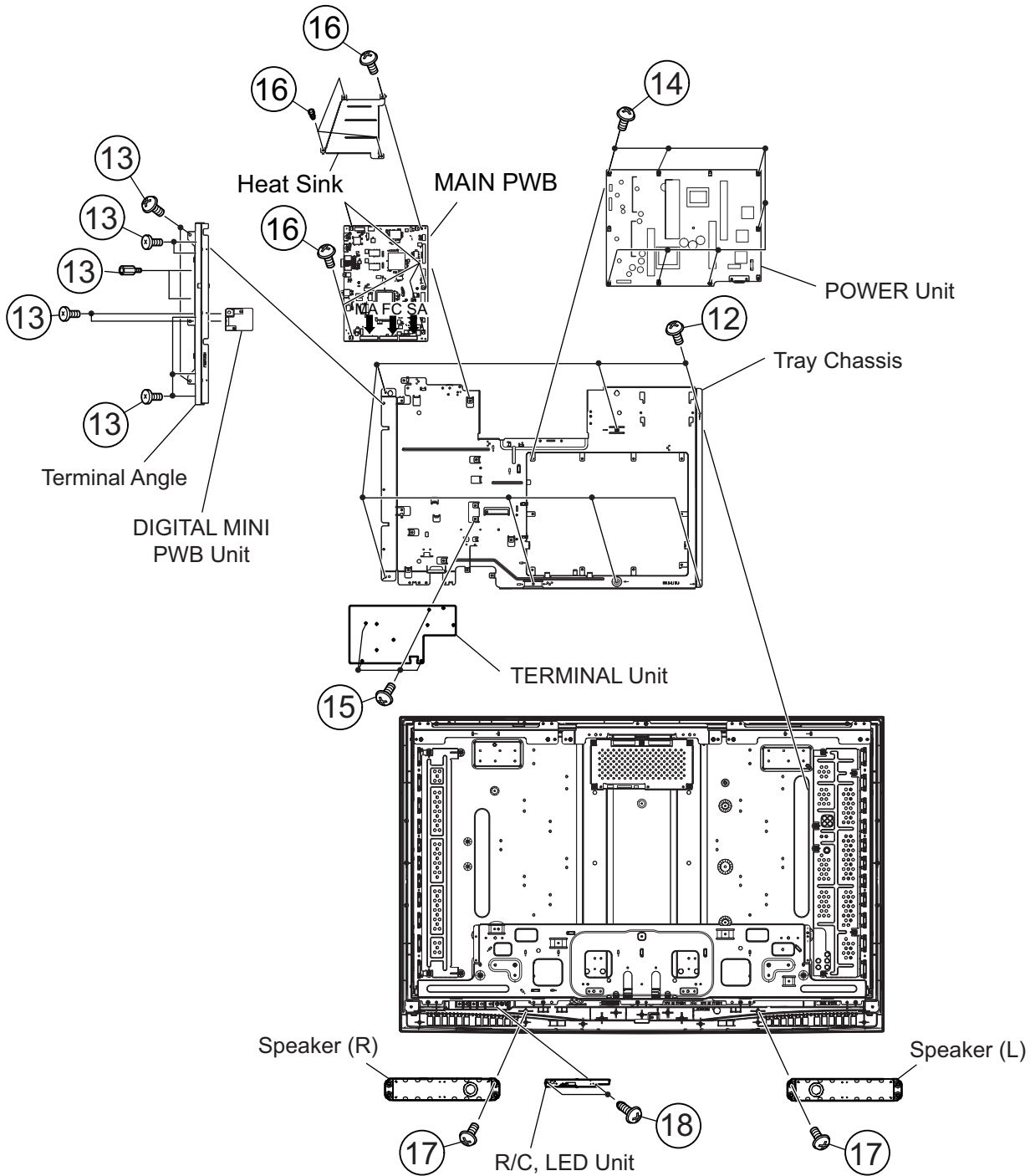
10. Disconnect all the connectors from all the PWBs.

11. Remove the Top Cover Ass'y. Remove the 1 lock screw from the Top Cover Ass'y and detach the KEY Unit.



# LC-32HT3U/LC-37HT3U/LC-42HT3U

12. Remove the 7 lock screws and detach the Tray Chassis.
13. Remove the 2 lock screws, 3 lock screws, 2 lock screws, 2 hexagonal shaft for D-sub and 2 lock screws. Detach the Terminal Angle and DIGITAL MINI PWB Unit.
14. Remove the 7 lock screws and detach the POWER Unit.
15. Remove the 4 lock screws and detach the TERMINAL Unit.
16. Remove the 5 lock screws, 3 rivet and detach the Heat Sink and MAIN PWB.
17. Remove the 2 lock screws and detach the Speaker (L)(R).
18. Detach the R/C, LED Unit.

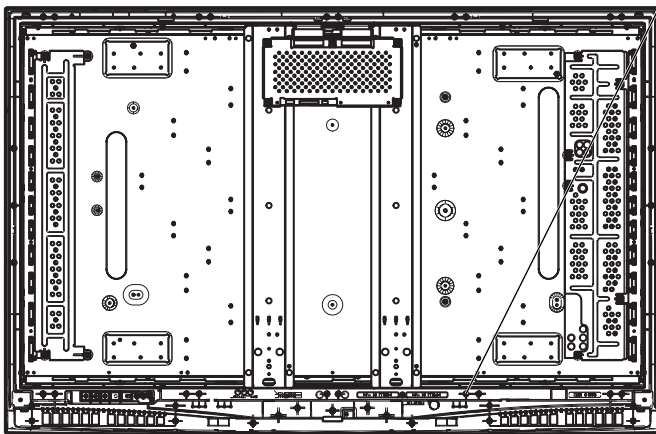
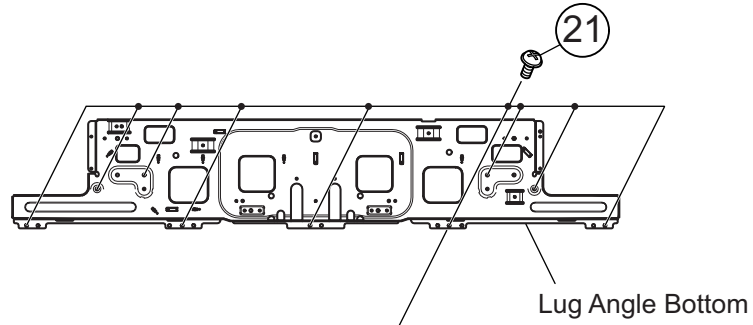
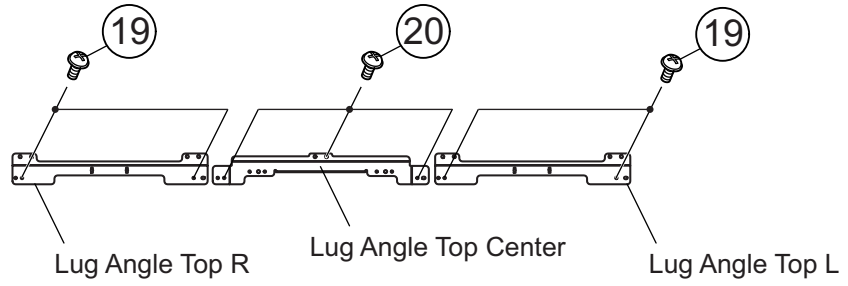


19.Remove the 4 lock screws and detach the Tray Fixing Angle (L)(R).

20.Remove the 7 lock screws and detach the Lug Angle Top.

21.Remove the 9 lock screws and detach the Lug Angle Bottom.

22.Remove the LCD Panel Module.



## CHAPTER 3. ADJUSTMENT

### [1] ADJUSTMENT PROCEDURE

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

#### 1. After replacement of any PWB unit and/or IC for repair, please note the following.

- When replacing the following units, make sure to prepare the new units loaded with updated software.

MAIN Unit: DUNTKE285FM01

AV TERMINAL Unit: DUNTKD999FM04

#### 2. Upgrading of each microprocessor software

**Caution: Never "POWER OFF" the unit when software upgrade is ongoing. Otherwise the system may be damaged beyond recovery.**

##### 2.1. Software version upgrade

The model employs the following software.

- Main software
- Monitor microprocessor software

The main software and the monitor microprocessor software can be upgraded by using a general-purpose SD memory card.

The followings are the procedures for upgrading, explained separately for each of the main software, the monitor microprocessor software.

##### 2.2. Main software version upgrade

Get ready before you start

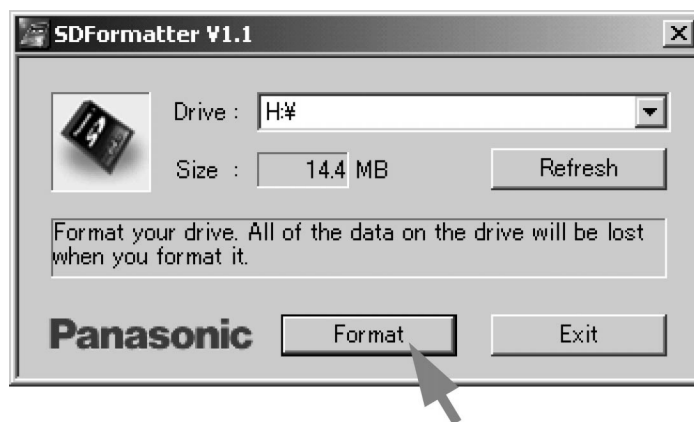
- SD memory card of 32MB or higher capacity
- PC running on Windows 98/98SE/ME/2000/XP operating system
- SD memory card reader/writer with USB connectivity.
- SD memory card formatting software  
(Downloadable at [http://panasonic.jp/support/audio/sd/download/sd\\_formatter\\_e.html](http://panasonic.jp/support/audio/sd/download/sd_formatter_e.html))

Preparations

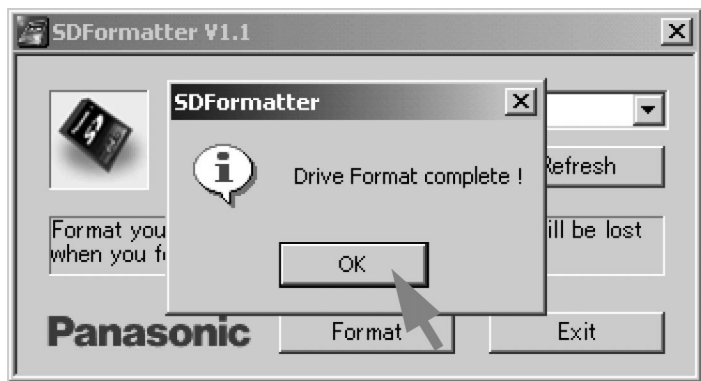
To upgrade the main software, it is necessary to get ready the SD card for version upgrade before you start.

Follow the steps below and create the SD card for version upgrade.

1. Insert the SD card into the SD card reader/writer. Start the SD card formatting software. Click [Format].  
(When you have the drive options, select the drive where the SD card is inserted before you proceed.)



2. When the formatting is over, the following window appears. Click [OK].



3. Click [Exit] to finish the formatting.

NOTE: When you are done, take out the SD card once to make sure it is finished, and then insert it again.



4. Copy the binary image file HT3Uxxx.SDC (named temporarily) for version upgrade to the root directory (folder) of the SD card drive.

NOTE: In the SD card drive, do not store other folders or unrelated files, or more than one binary image files for version upgrade.

Now the SD card for version upgrade is ready.

**How to upgrade the software**

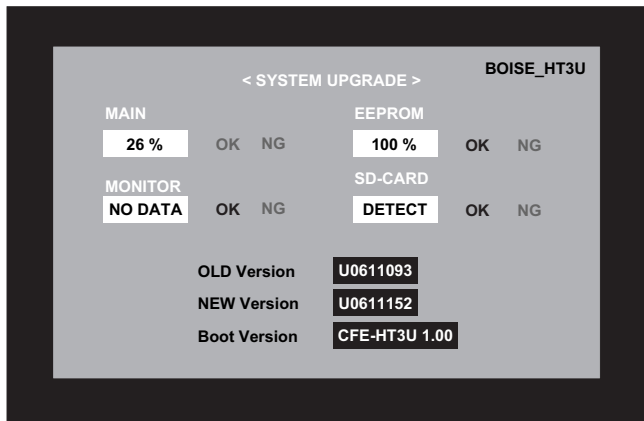
5. Shut off the AC power (i.e. unplug the AC cord).

6. Insert the SD card for version upgrade (prepared as above) into the service socket located lower side from center at terminals, under DIGITAL AUDIO OUTPUT terminal in the rear of the unit, in a way that the cut corner of the SD card comes at the upper side.

NOTE: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

7. Turn on the AC power (i.e. plug in the AC cord).

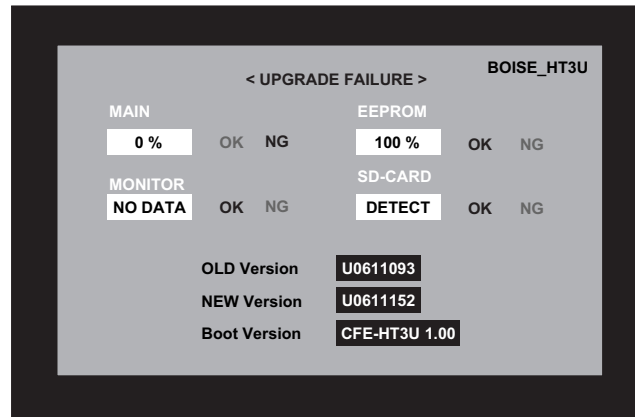
8. After the unit startup, the system upgrade screen as shown below appears within 15~30 seconds.



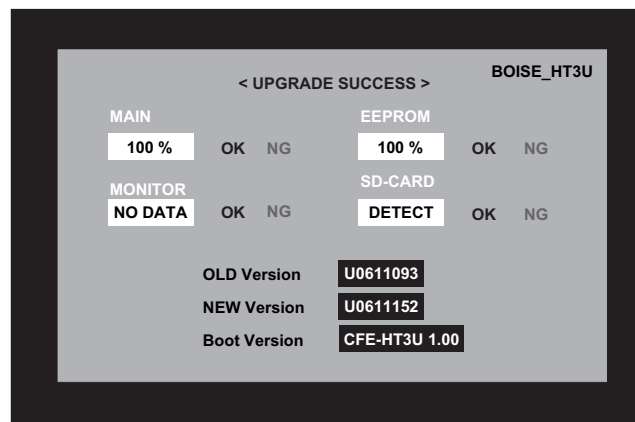
## LC-32HT3U/LC-37HT3U/LC-42HT3U

9. Even a single failure in the process will trigger the upgrade failure screen as shown below. The word “NG” changes to red for the item failed.

NOTE: In the event of a failure, repeat the upgrading process. If the process repeatedly fails, it is likely that the hardware is troubled.



10. Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.



11. Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.

12. Now the software version upgrade is complete.

NOTE: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the main software version information.

### 2.3. Monitor microprocessor software version upgrade

NOTE: If "Monitor version" in the process menu is "2.00M", the monitor microprocessor software can not be rewritten (because IC2002 has been replaced with the mask type).

Get ready before you begin

Get ready the same items as listed in the "Main software version upgrade".

Preparation

Create the SD card for monitor microprocessor software version upgrade in the same manner as explained in the "Main software version upgrade". Copy the binary image files HT3UVxxx.SDC and D42UMxxx.BIN (named temporarily) for monitor microprocessor software version upgrade to the SD card drive.

How to upgrade the software

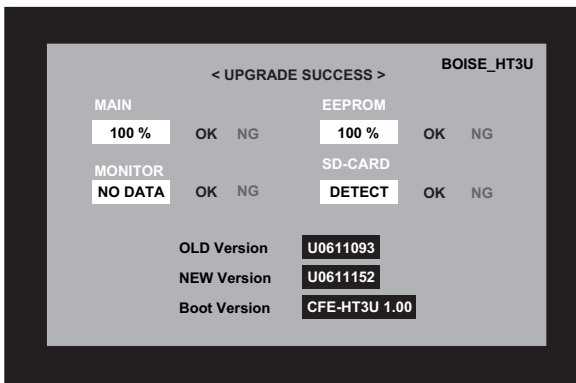
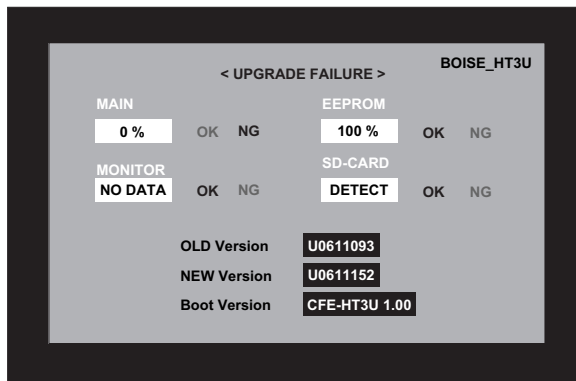
1. Shut off the AC power to the unit (i.e. unplug the AC cord).
2. Insert the SD card for version upgrade (prepared as above) into the service socket located lower side from center at terminals, above S-VIDEO terminal in the rear of the unit, in a way that the cut corner of the SD card comes at the upper side.

NOTE: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

3. Turn on the AC power (i.e. plug in the AC cord).

**CAUTION: The moment this operation is done, the upgrading of the monitor microprocessor software starts. While the upgrade is ongoing, never power off the unit. Otherwise the upgrade will fail and the system may have a serious damage beyond recovery (inability to start).**

4. After the unit startup, the system upgrade screen as shown below appears within 15~30 seconds.



5. A failure in the process will trigger the upgrade failure screen. The word "NG" changes to red for the item failed.
6. Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.
7. Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.
8. Now the software version upgrade is complete.

NOTE: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the monitor microprocessor software version information.

**2.4. LCD Adjustment Item**

**2.4.1 MICON SOFTWARE writing**

1. Monitor Micon and Main Micon software writing (Main PWB: QPWBXE285WJZZ)

| Adjustment item  | Adjustment conditions   | Adjustment procedure |
|------------------|---|----------------------|
| Software writing | In spection Mode<br>File version checking<br>SD-card checking | *(i)                 |

\*(i): Connect the tool to write Main software to P9301 (TL9301, TL9302, TL9310~TL9355, TL9357, TL9359, TL9375, TL9378, TL9380~TL9383) that is mounted on the MAIN PWB, and insert SD-card with Monitor Micon software to MAIN PWB.

Monitor connect to TL8112 that denoted figure.

Load stated voltage to MAIN PWB, write the latest version Main software to IC8451, and write the Monitor Micon software to IC2002, after all completed, turn off the AC power.

NOTE: When the SD-card can't insert to MAIN PWB or read out is error. Main Micon software must be writed again.


**2.4.2 Signal adjustment**

1. Checking the Device

- Before starting the adjustment, make sure the adjustment tool and signal generator are set for Sharp LCD US.
- Checking the signal generator level adjustment (Set to the standard level.)

- Composite signal : 0.714 Vp-p ± 0.02 Vp-p (from pedestal to white)
- 15K component signal : Y level : 0.714 Vp-p ± 0.02 Vp-p (from pedestal to white)  
PB, PR level : 0.7 Vp-p ± 0.02 Vp-p
- 33K component signal : Y level : 0.7 Vp-p ± 0.02 Vp-p (from pedestal to white)  
PB, PR level : 0.7 Vp-p ± 0.02 Vp-p
- Analog RGB signal : RGB level : 0.7 Vp-p ± 0.02 Vp-p (from pedestal to white)

2. Tuner/V-CHIP test

|   | Adjustment item           | Adjustment conditions           | Adjustment procedure  |
|---|---------------------------|---------------------------------|---|
| 1 | Setting                   | NTSC RF signal<br>US-7 (AIR) ch | Feed the NTSC signal to the RF antenna input.<br><br>   |
| 2 | Auto adjustment execution |                                 | Move the cursor to [ ■ TUNER VCHIP TEST (*07ch)] and press [OK]. (: Fit the selected channel to the in-house signal.)<br>OK when [ ■ A-OK (**.*)/VM-OK] is displayed in blue.<br>(NG if A-NG/VM-NG is displayed in yellow or red.)<br>OK when the deviation from the center frequency is ± 0.0625MHz or less. |



## 2.5. White balance adjustment

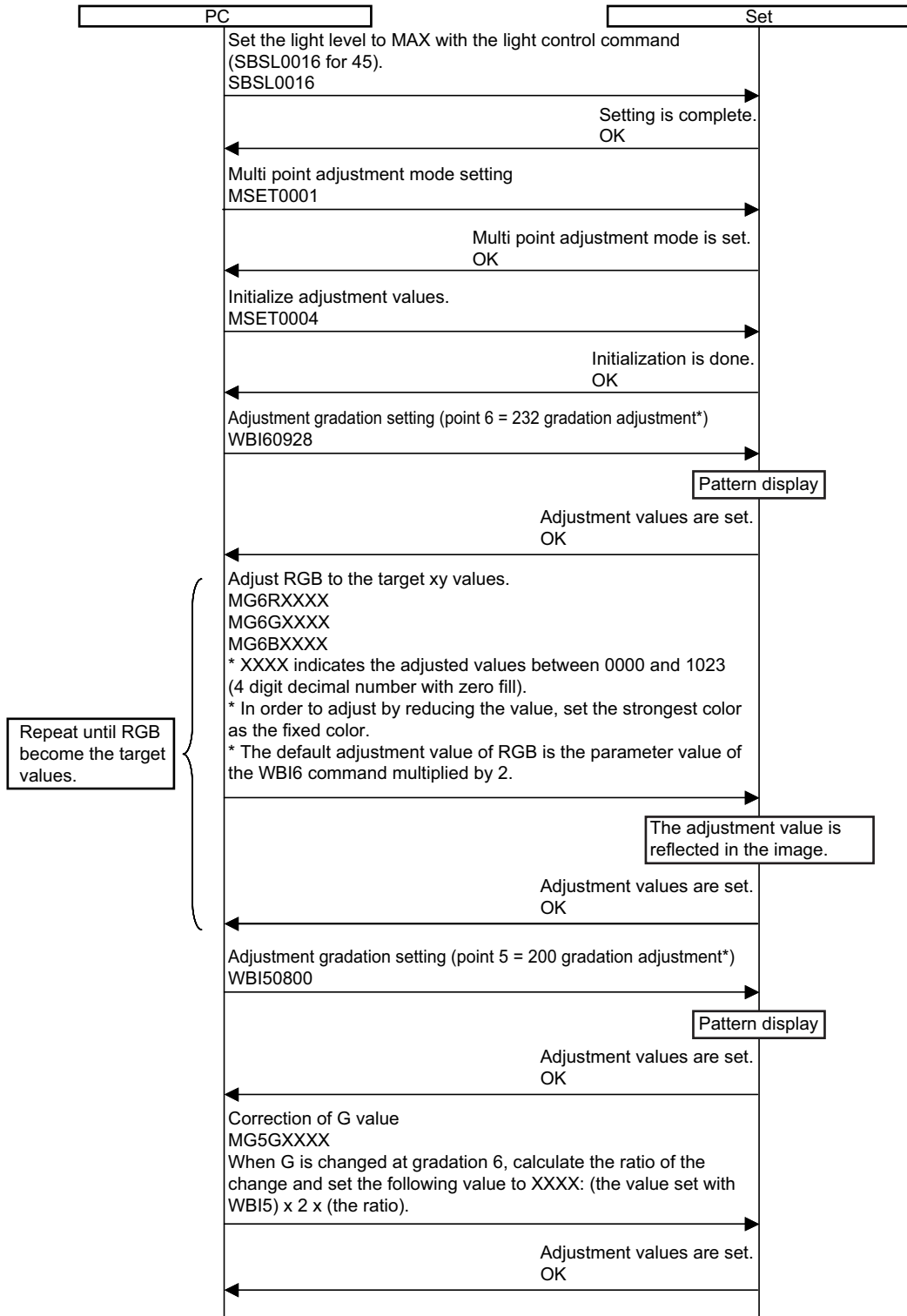
## 1. White balance adjustment

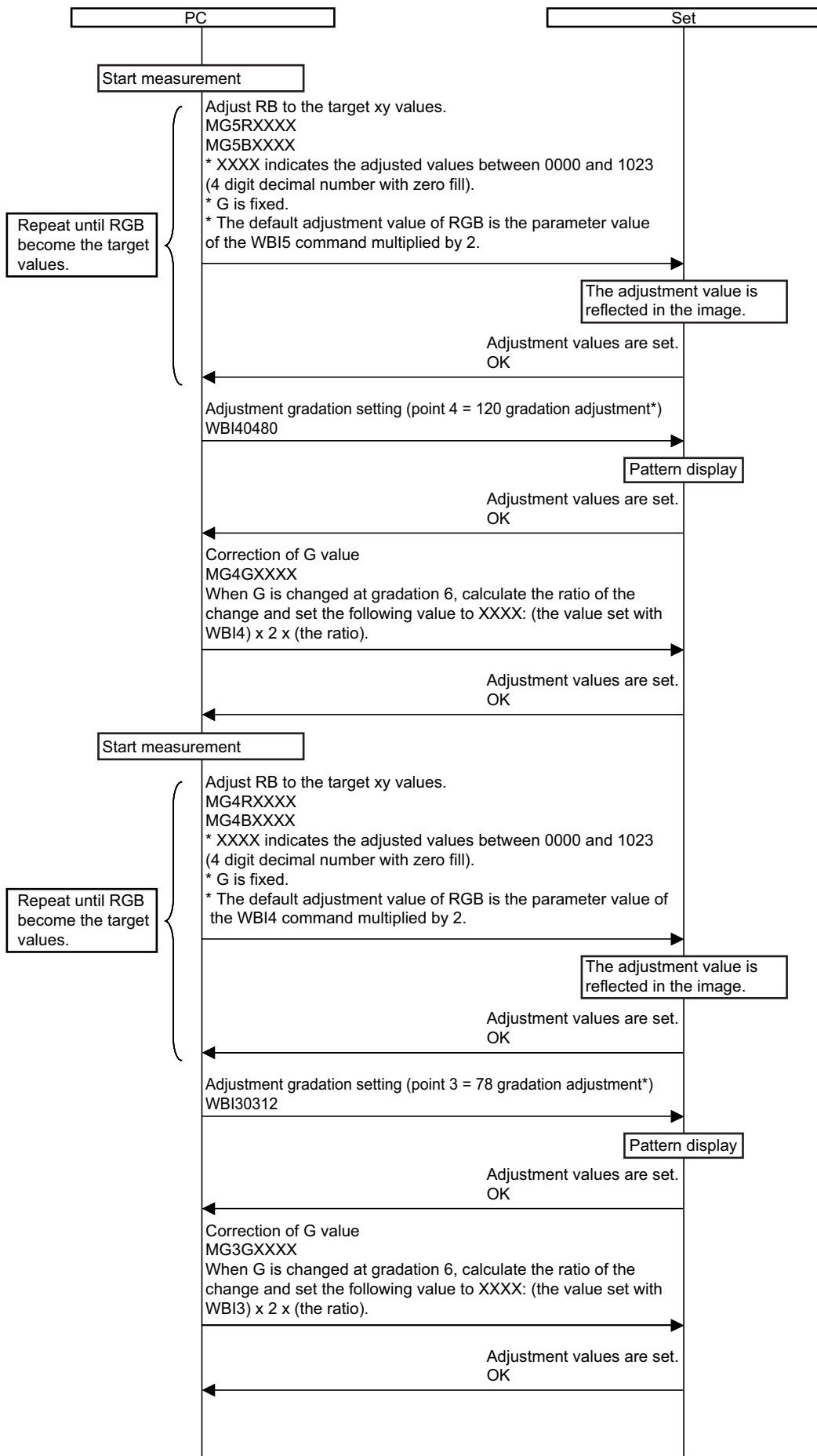
|         | Adjustment item                | Adjustment conditions   | Adjustment procedure  |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
|---------|--------------------------------|---|---|-----------|-------|-----------|-----------|-----------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|------|--|---|--|--|
| 1       | Setting                        |   | For detailed adjustment procedure, refer to "Kameyama Model Integral Monitor WB Adjustment Specifications V1.4".<br>1) Make the following settings for the set.<br>AV MODE: [DYNAMIC]<br>Backlight: +16<br>Aging time: Min. 60 minutes<br>2) Connect the white balance adjustment tool to the set.  |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| 2       | Automatic adjustment execution | <p>[Command]<br/>Process mode<br/>KRSW0001<br/>KKT10037</p> <p>Setting<br/>KYOF0000<br/>OSDS0001<br/>SBSL0016</p> <p>Multi-point adjustment mode<br/>MSET0001</p> <p>Adjustment value initialization<br/>MSET0004</p> <p>Point 6<br/>WBI60928<br/>MG6G****<br/>MG6B****<br/>MG6R****</p> <p>Point 5<br/>WBI50800<br/>MG5G****<br/>MG5B****<br/>MG5R****</p> <p>Point 4<br/>WBI40480<br/>MG4G****<br/>MG4B****<br/>MG4R****</p> <p>Point 3<br/>WBI30312<br/>MG3G****<br/>MG3B****<br/>MG3R****</p> <p>Point 2<br/>WBI20232<br/>MG2G****<br/>MG2B****<br/>MG2R****</p> <p>Point 1<br/>WBI10184<br/>MG1G****<br/>MG1B****<br/>MG1R****</p> <p>Writing<br/>MSET0003</p> | <p>[Adjustment procedure]</p> <p>1) Using the remote controller, transmit the "monitor adjustment process" code.<br/>2) Set the 6th point to the specified gradation level. With the strongest color being fixed, turn down the R, G and B settings to their reference levels.<br/>3) Set the 5th point to the specified gradation level. Correct the G setting (800 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels.<br/>4) Set the 4th point to the specified gradation level. Correct the G setting (480 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels.<br/>5) Set the 3rd point to the specified gradation level. Correct the G setting (312 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels.<br/>6) Set the 2nd point to the specified gradation level. Correct the G setting (232 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels.<br/>7) Set the 1st point to the specified gradation level. Correct the G setting (184 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels.<br/>8) With the MSET0003 command, write the adjustment values and turn off the AC power.</p> <p>* Initial R, G and B settings at point 6: Gradation level set at 928<br/>* Initial R, G and B settings at points 1 thru 5: Corrected G setting at each point (This is because the adjustment is made to achieve the same remainder of RGB setting / 4 at each point.)</p> <p>[Adjustment value]<br/>•As per the "standard set" submitted by Engineering Department<br/>"LC-37HT3U" Teaching set<br/>[Adjustment reference] Instrument: Minolta CA-210 Engineering instrument</p> <table border="1"> <thead> <tr> <th></th> <th>Level</th> <th>Reference</th> <th>Adj. spec</th> <th>Ins. spec</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Point 6</td> <td rowspan="2">928</td> <td>X=0.272</td> <td rowspan="2">±0.0025</td> <td rowspan="2">±0.0050</td> </tr> <tr> <td>y=0.277</td> </tr> <tr> <td rowspan="2">Point 5</td> <td rowspan="2">800</td> <td>X=0.272</td> <td rowspan="2">±0.0025</td> <td rowspan="2">±0.0050</td> </tr> <tr> <td>y=0.277</td> </tr> <tr> <td rowspan="2">Point 4</td> <td rowspan="2">480</td> <td>X=0.272</td> <td rowspan="2">±0.0035</td> <td rowspan="2">±0.0070</td> </tr> <tr> <td>y=0.277</td> </tr> <tr> <td rowspan="2">Point 3</td> <td rowspan="2">312</td> <td>X=0.272</td> <td rowspan="2">±0.0050</td> <td rowspan="2">±0.0100</td> </tr> <tr> <td>y=0.277</td> </tr> <tr> <td rowspan="2">Point 2</td> <td rowspan="2">232</td> <td>X=0.272</td> <td rowspan="2">±0.0080</td> <td rowspan="2">±0.0150</td> </tr> <tr> <td>y=0.277</td> </tr> <tr> <td rowspan="2">Point 1</td> <td rowspan="2">184</td> <td>X=0.272</td> <td rowspan="2">±0.0110</td> <td rowspan="2">±0.0200</td> </tr> <tr> <td>y=0.277</td> </tr> <tr> <td>Note</td> <td></td> <td colspan="3">Set conditions for inspection<br/>AV MODE: [DYNAMIC] (Reset)<br/>Monochro: ON<br/>Black: OFF<br/>Color Temp: High<br/>Back Light: +16<br/>Aging Time: Min. 60 minutes</td> </tr> </tbody> </table> |           | Level | Reference | Adj. spec | Ins. spec | Point 6 | 928 | X=0.272 | ±0.0025 | ±0.0050 | y=0.277 | Point 5 | 800 | X=0.272 | ±0.0025 | ±0.0050 | y=0.277 | Point 4 | 480 | X=0.272 | ±0.0035 | ±0.0070 | y=0.277 | Point 3 | 312 | X=0.272 | ±0.0050 | ±0.0100 | y=0.277 | Point 2 | 232 | X=0.272 | ±0.0080 | ±0.0150 | y=0.277 | Point 1 | 184 | X=0.272 | ±0.0110 | ±0.0200 | y=0.277 | Note |  | Set conditions for inspection<br>AV MODE: [DYNAMIC] (Reset)<br>Monochro: ON<br>Black: OFF<br>Color Temp: High<br>Back Light: +16<br>Aging Time: Min. 60 minutes |  |  |
|         | Level                          | Reference   | Adj. spec   | Ins. spec |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| Point 6 | 928                            | X=0.272   | ±0.0025   | ±0.0050   |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
|         |                                | y=0.277   |   |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| Point 5 | 800                            | X=0.272   | ±0.0025   | ±0.0050   |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
|         |                                | y=0.277   |   |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| Point 4 | 480                            | X=0.272   | ±0.0035   | ±0.0070   |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
|         |                                | y=0.277   |   |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| Point 3 | 312                            | X=0.272   | ±0.0050   | ±0.0100   |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
|         |                                | y=0.277   |   |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| Point 2 | 232                            | X=0.272   | ±0.0080   | ±0.0150   |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
|         |                                | y=0.277   |   |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| Point 1 | 184                            | X=0.272   | ±0.0110   | ±0.0200   |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
|         |                                | y=0.277   |   |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |
| Note    |                                | Set conditions for inspection<br>AV MODE: [DYNAMIC] (Reset)<br>Monochro: ON<br>Black: OFF<br>Color Temp: High<br>Back Light: +16<br>Aging Time: Min. 60 minutes   |   |           |       |           |           |           |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |         |     |         |         |         |         |      |  |   |  |  |

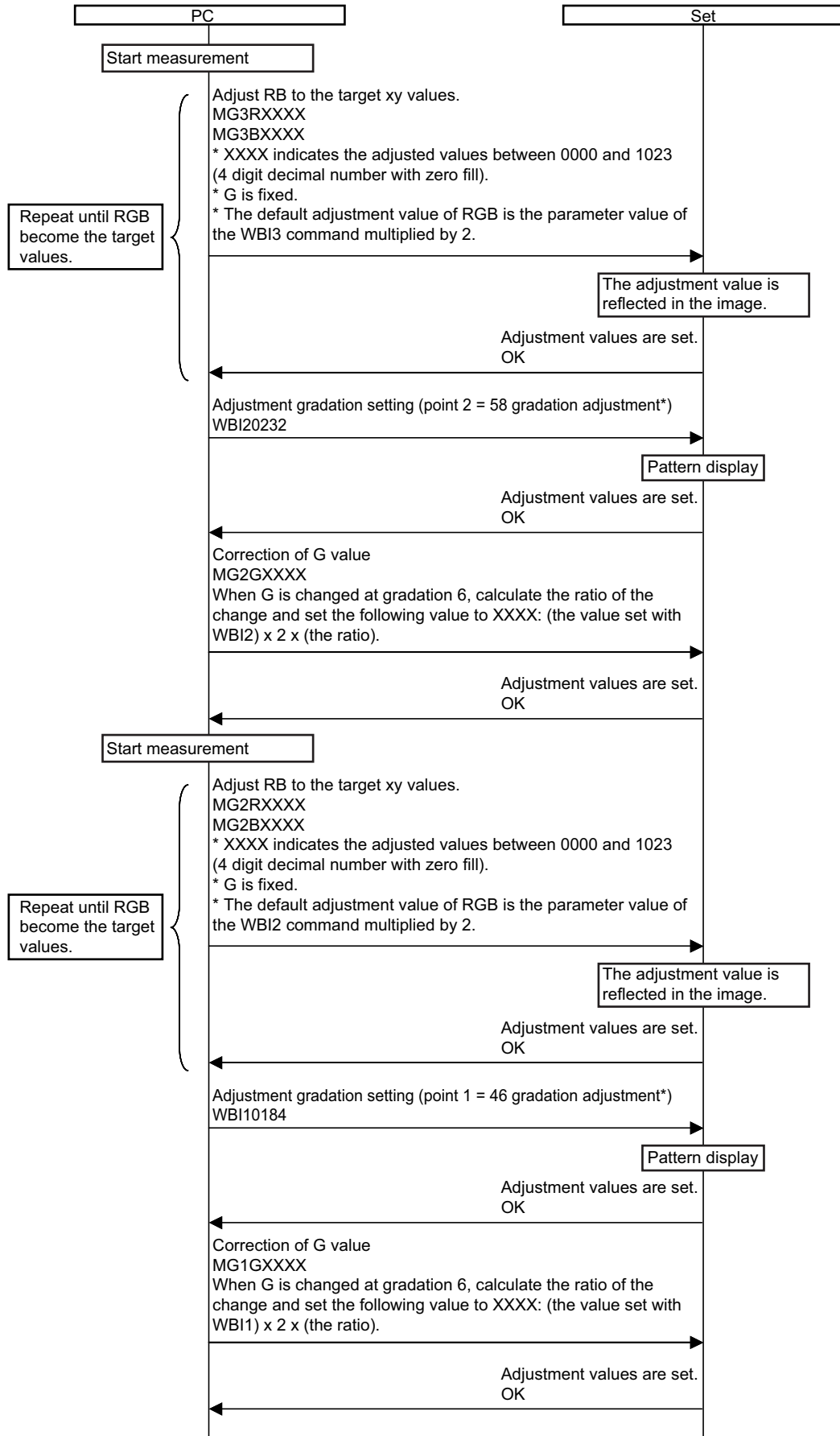
2.6. Key writing

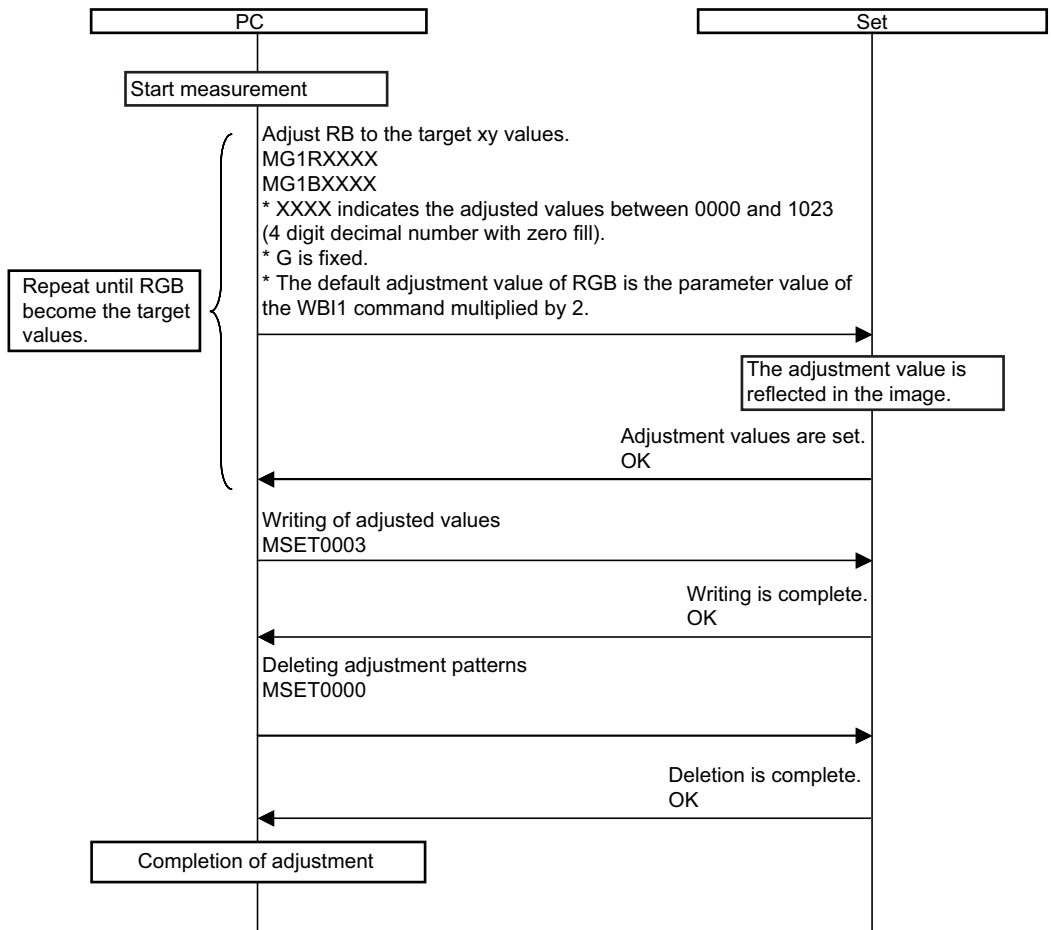
1. Adjustment sequence (adjustment according to the G adjustment value of gradation 6)

- \* Make sure the adjusting point gradations are correct since they are different for each model.







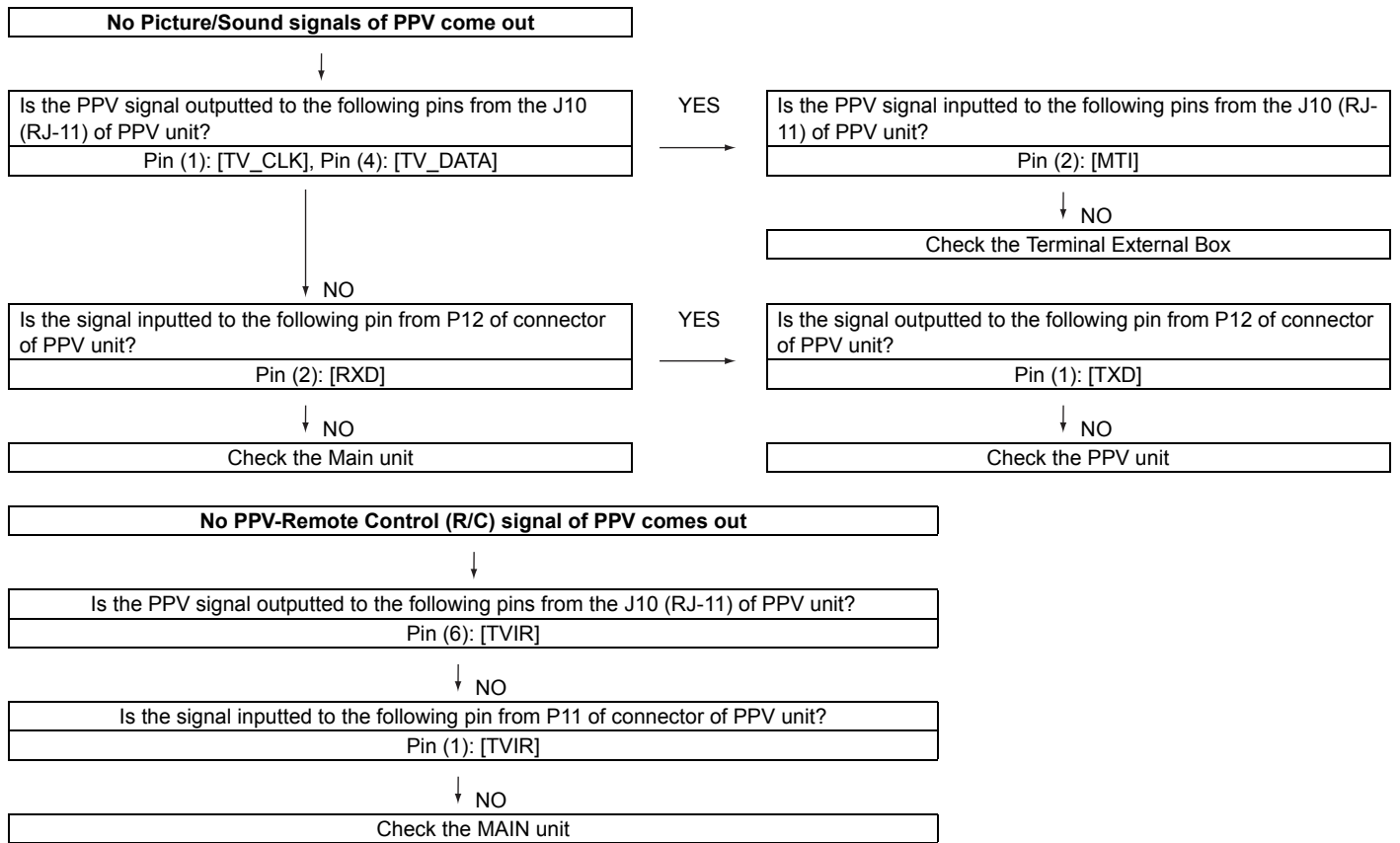


2.7. Menu list in process A mode

| Page | Line | Item                    | Explanation                              |
|------|------|-------------------------|--|
| 1    |      | MAIN Version            | Main microcomputer software version      |
|      |      | BOOT Version            |  |
|      |      | Monitor Version         | Monitor microcomputer software version   |
|      |      | PLIA Version            | PLIA software version                    |
|      |      | PI Status               | Pro x idiom operating status             |
|      |      | EQ DATA CHECKSUM        | Sound parameter checksum                 |
|      |      | TEMPERATURE             | Read value of temperature sensor         |
|      |      | LAMP ERROR              | Number of lamp error                     |
|      |      | NORMAL STANDBY CAUSE    | Reasons of standby at normal time        |
|      |      | ERROR STANDBY CAUSE     | Reasons of standby in the event of error |
| 4    |      | TUNER VCHIP TEST (69ch) | Execute TUNER TEST                       |
|      |      | TUNER VCHIP TEST (7ch)  |  |
|      |      | TUNER VCHIP TEST (4ch)  |  |
|      |      | TUNER VCHIP TEST (10ch) |  |
|      |      | TUNER VCHIP TEST (15ch) |  |

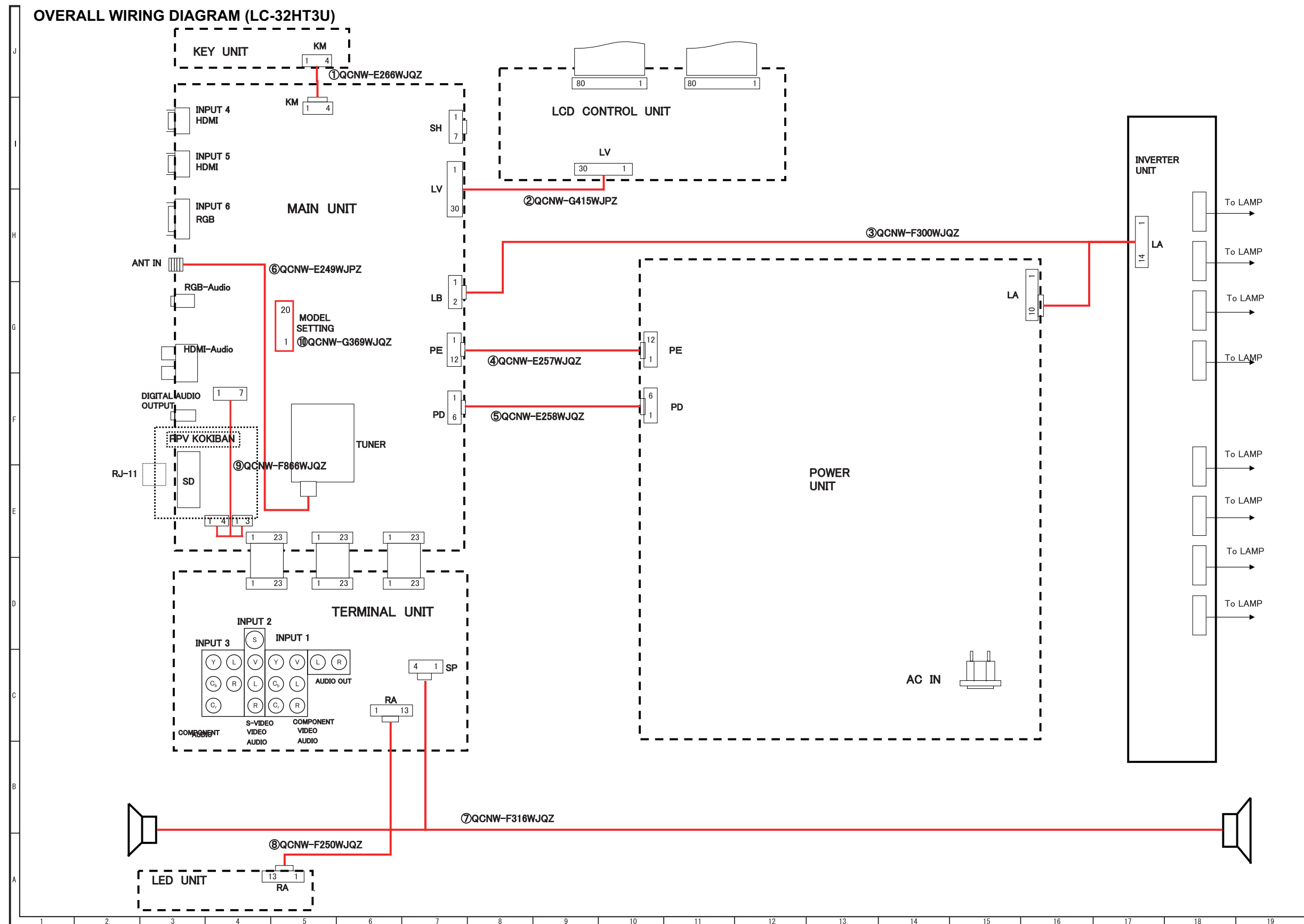
## CHAPTER 4. TROUBLE SHOOTING TABLE

### [1] TROUBLE SHOOTING TABLE

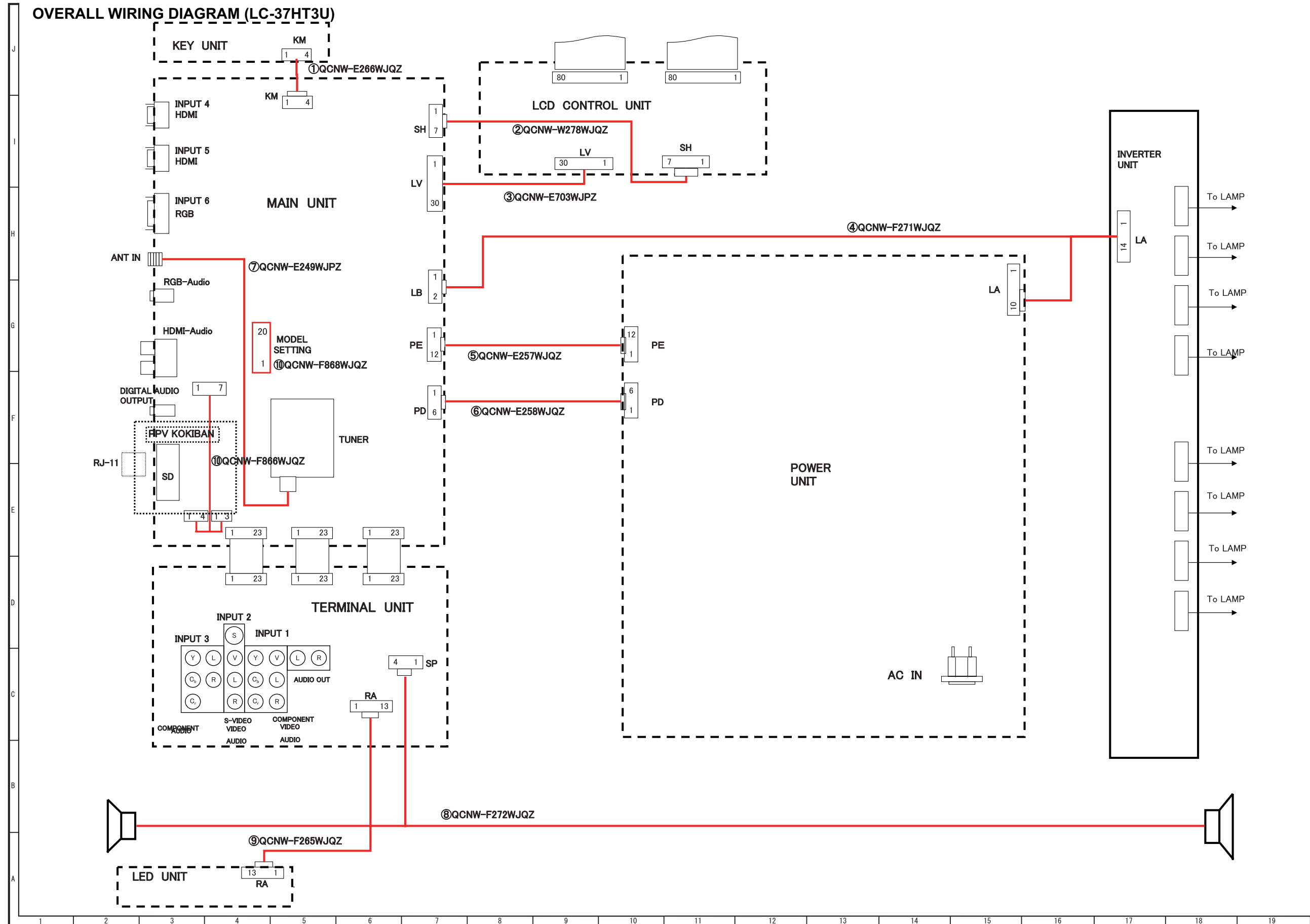


CHAPTER 5. OVERALL WIRING DIAGRAM/BLOCK DIAGRAM

[1] OVERALL WIRING DIAGRAM (LC-32HT3U)

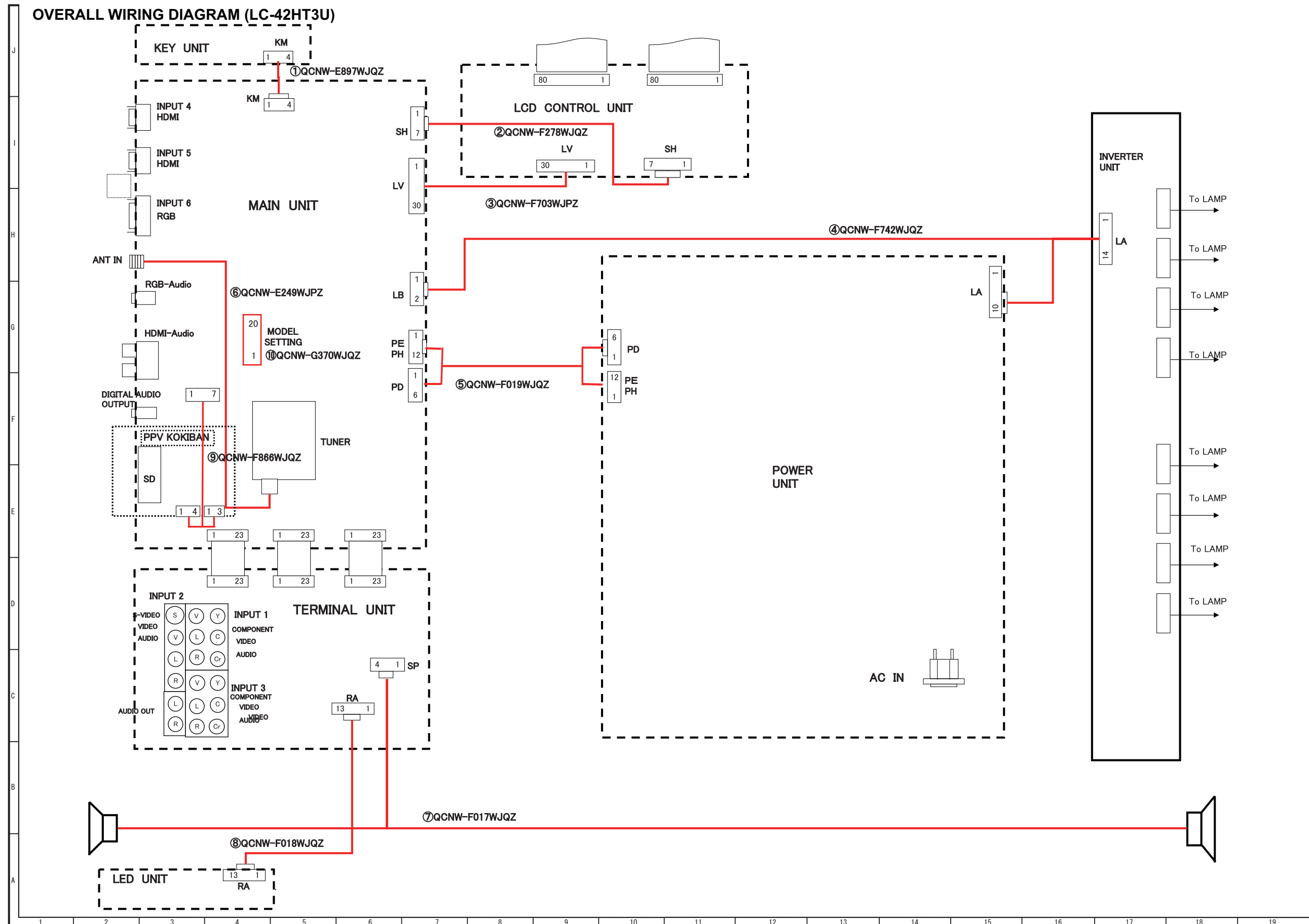


[2] OVERALL WIRING DIAGRAM (LC-37HT3U)

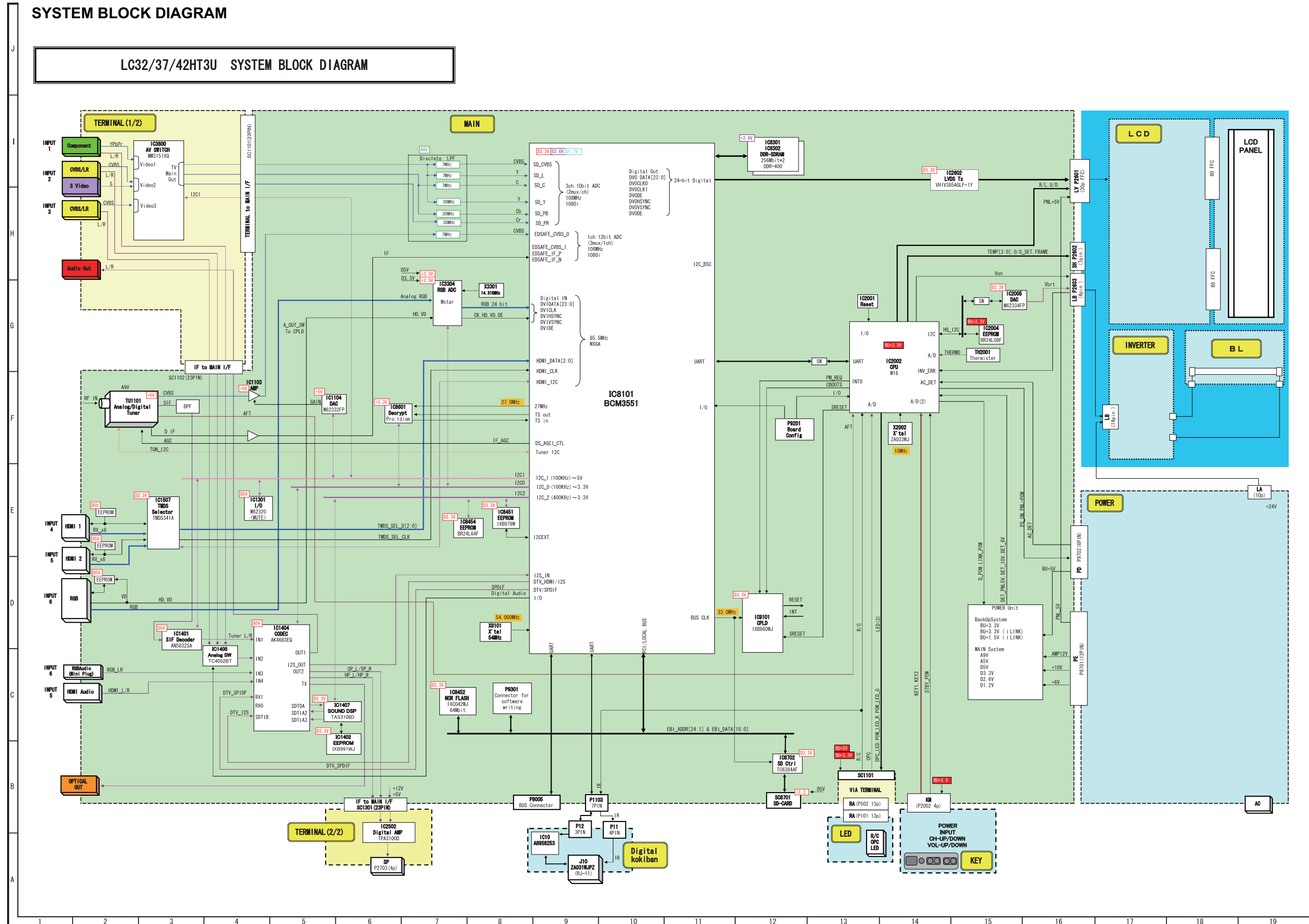




[3] OVERALL WIRING DIAGRAM (LC-42HT3U)

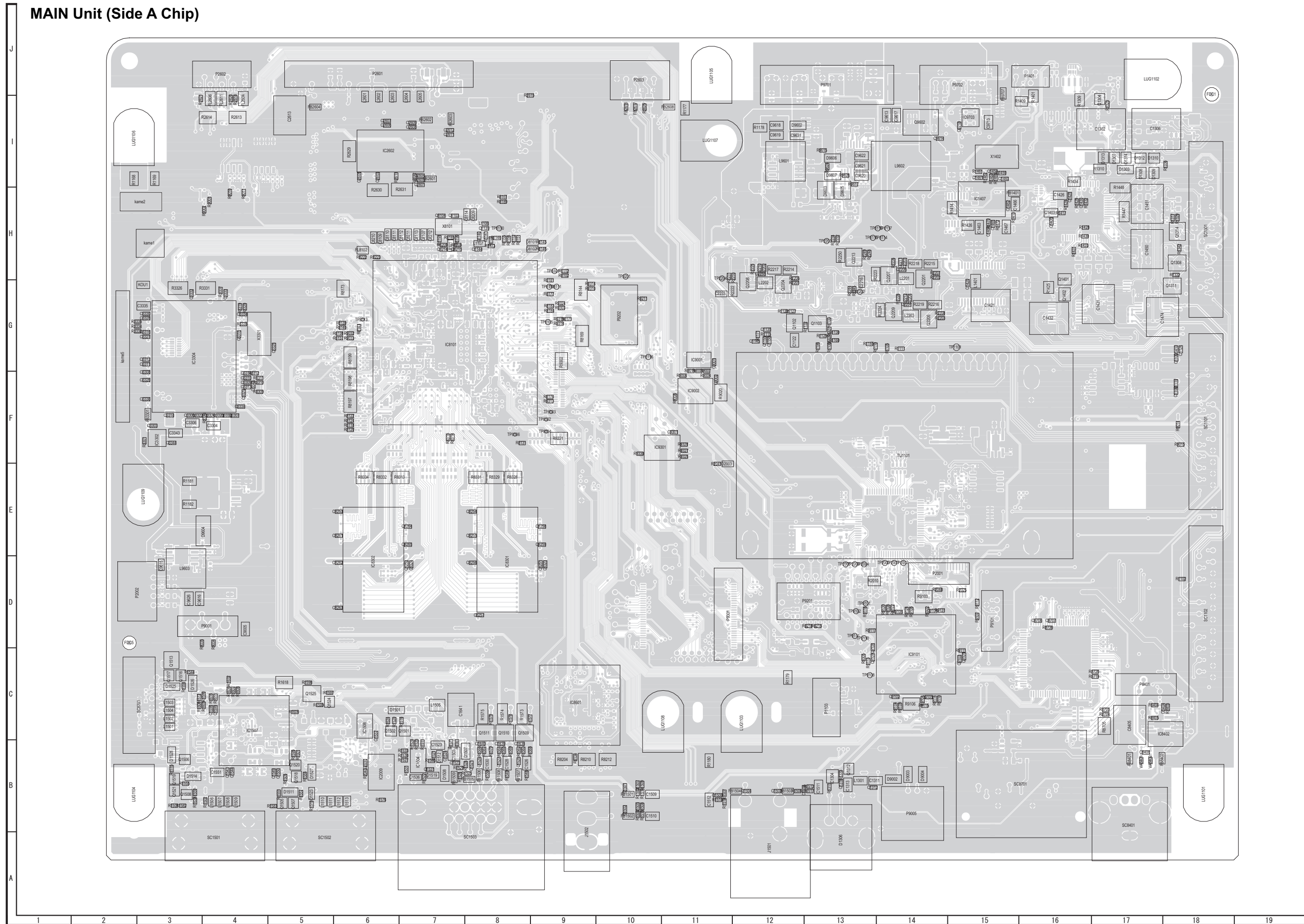


[4] SYSTEM BLOCK DIAGRAM

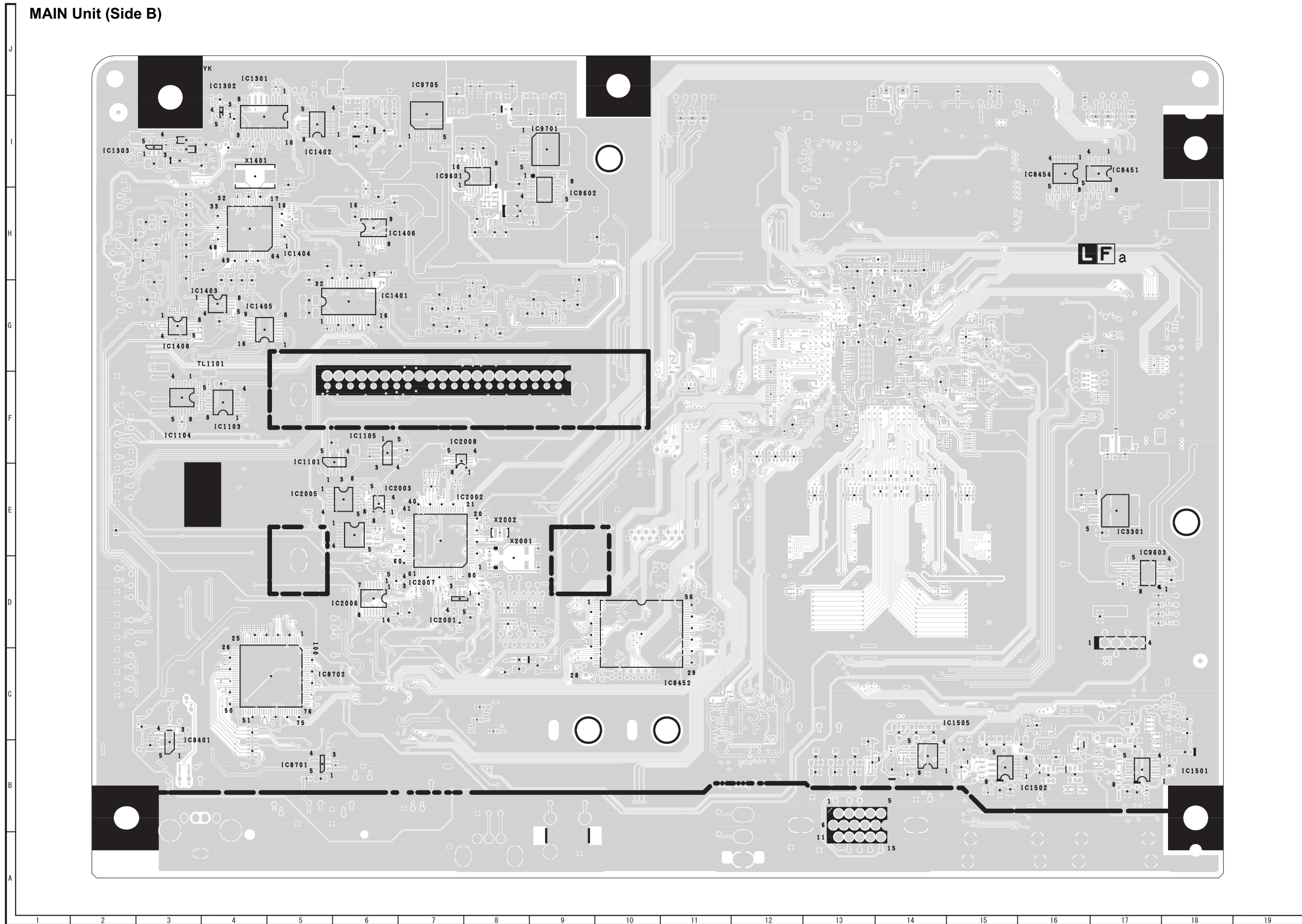




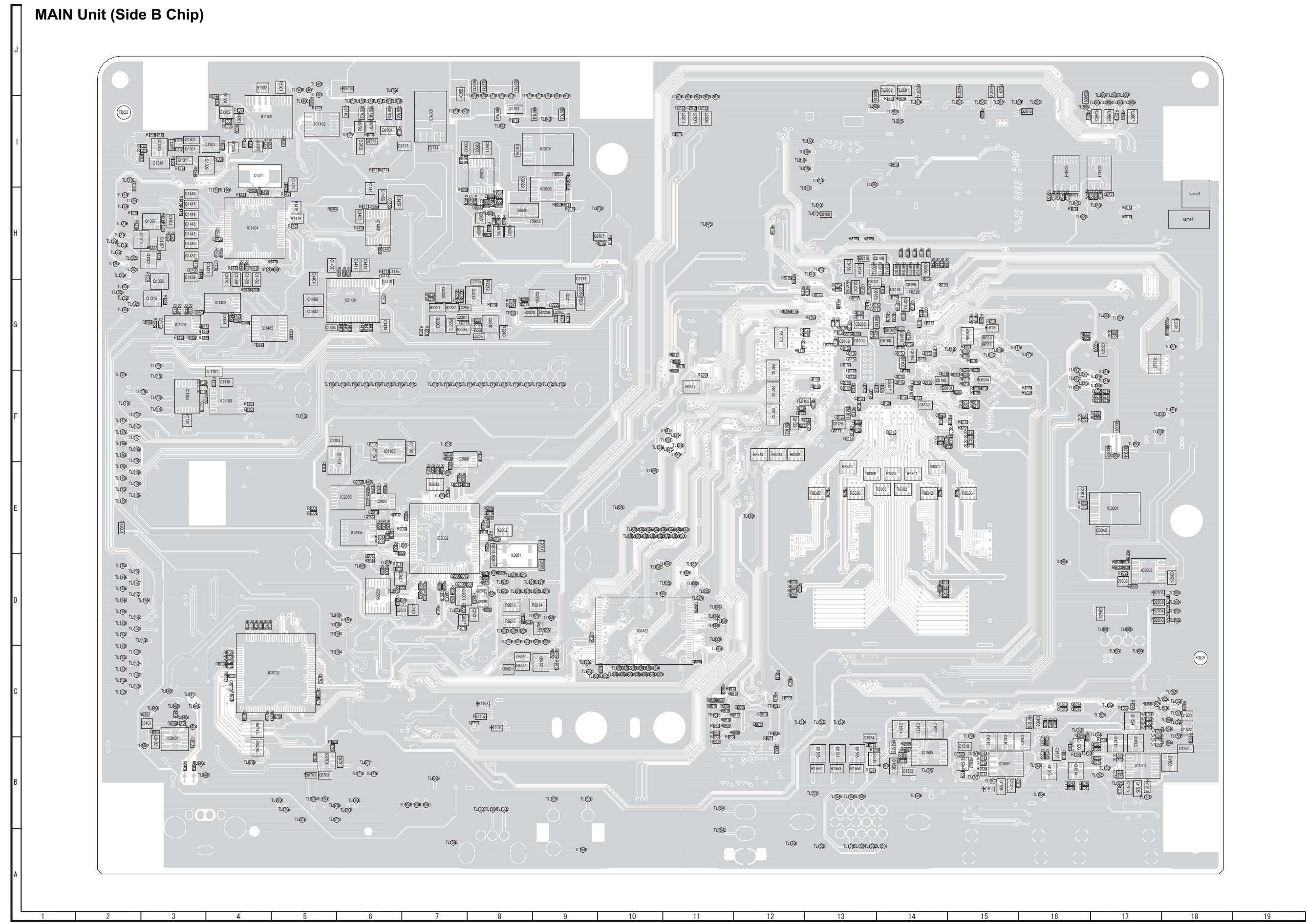
MAIN Unit (Side A Chip)



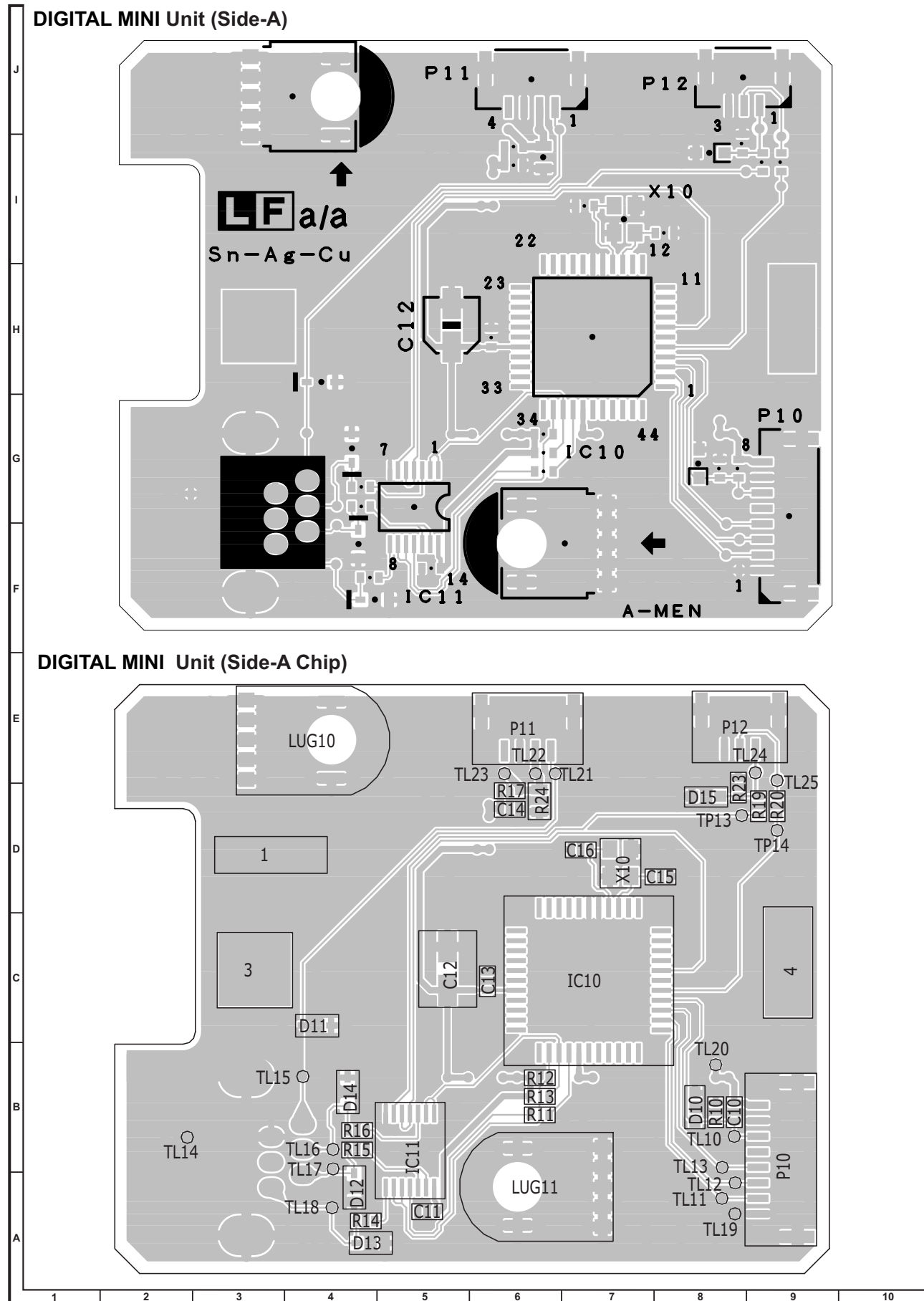
MAIN Unit (Side B)



MAIN Unit (Side B Chip)



[2] DIGITAL MINI UNIT PRINTED WIRING BOARD



## CHAPTER 7. SCHEMATIC DIAGRAM

### [1] DESCRIPTION OF SCHEMATIC DIAGRAM

#### VOLTAGE MEASUREMENT CONDITION:

1. The voltages at test points are measured on exclusive AC adaptor and the stable supply voltage of AC 230V.  
Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

#### 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.  
(K= ± 10%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/16W, unless otherwise noted.

##### CAPACITOR

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


#### CAUTION:

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

#### SAFETY NOTES:

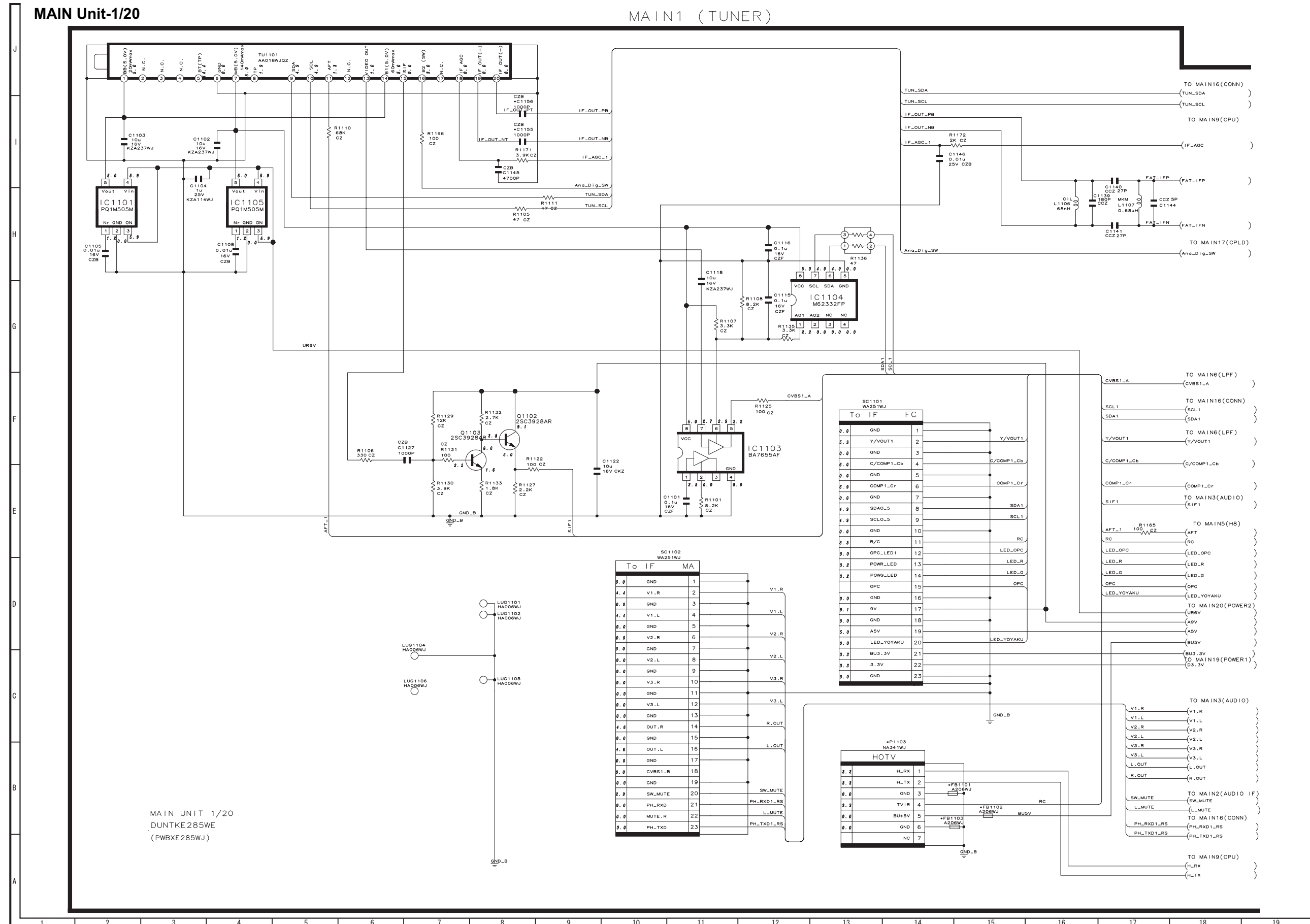
1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

#### IMPORTANT SAFETY NOTICE:

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



[2] SCHEMATIC DIAGRAM



MAIN Unit-2/20

MAIN2 (AUDIO IF)

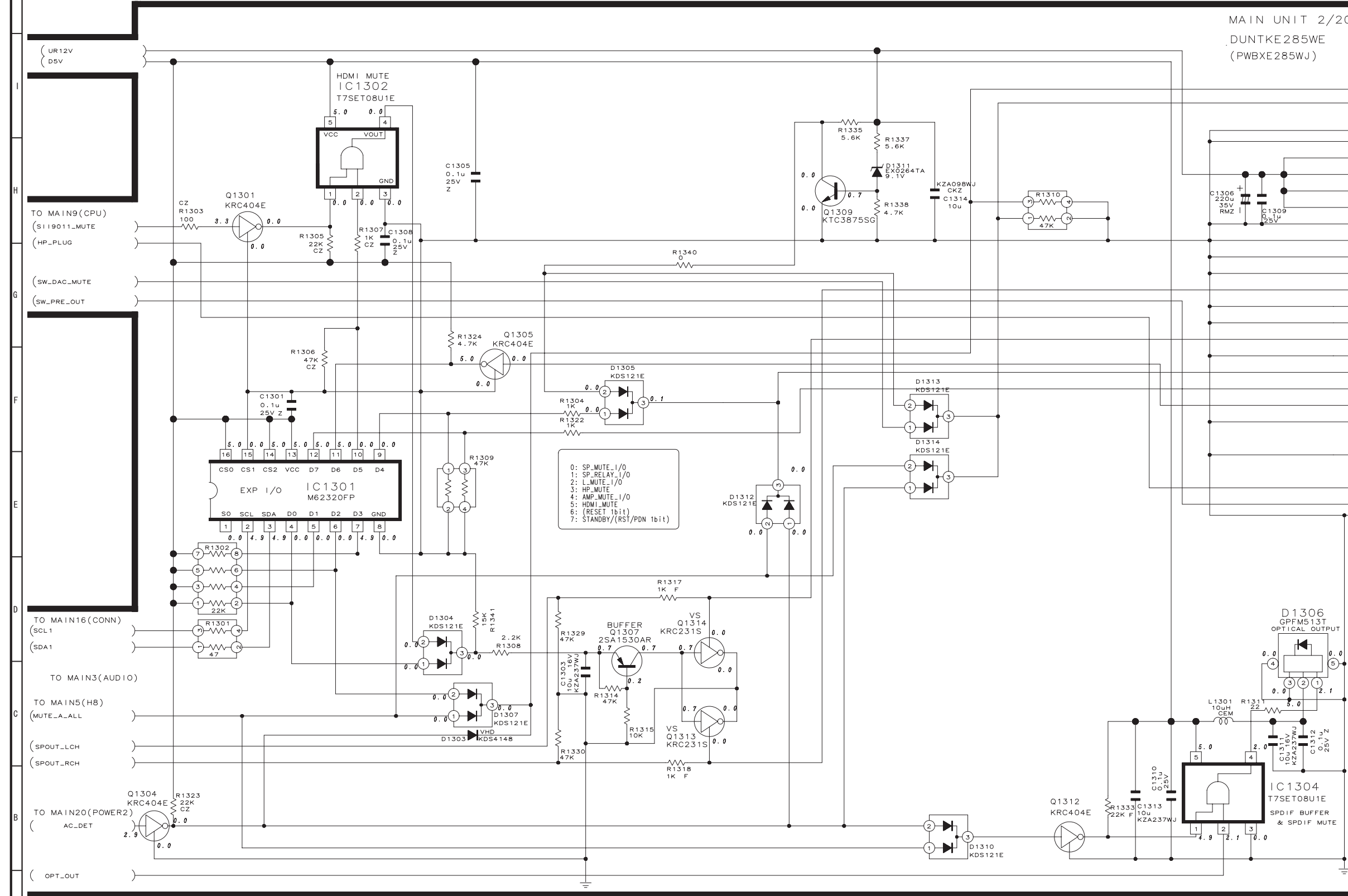
[2/20]

MAIN UNIT 2/20  
DUNTKE285WE  
(PWBXE285WJ)

TO MAIN1(TUNER I/F)

|    |            |      |
|----|------------|------|
| 23 | D_GND      | 0.0  |
| 22 | 13V        | 13.1 |
| 21 | 13V        | 13.1 |
| 20 | 13V        | 13.1 |
| 19 | 13V        | 13.1 |
| 18 | P_GND      | 0.0  |
| 17 | P_GND      | 0.0  |
| 16 | P_GND      | 0.0  |
| 15 | A_GND      | 0.0  |
| 14 | R_CH       | 0.0  |
| 13 | RCH_N      | 0.0  |
| 12 | LCH_N      | 0.0  |
| 11 | L_CH       | 0.0  |
| 10 | A_GND      | 0.0  |
| 9  | AMP_MUTE   | 5.0  |
| 8  | STANDBY    | 5.0  |
| 7  | PROTECT    | 0.0  |
| 6  | A_GND      | 0.0  |
| 5  | HP_L       | 0.0  |
| 4  | A_GND      | 0.0  |
| 3  | HP_R       | 0.0  |
| 2  | HP_PLUG    | 0.0  |
| 1  | SW_PRE_OUT | 0.0  |

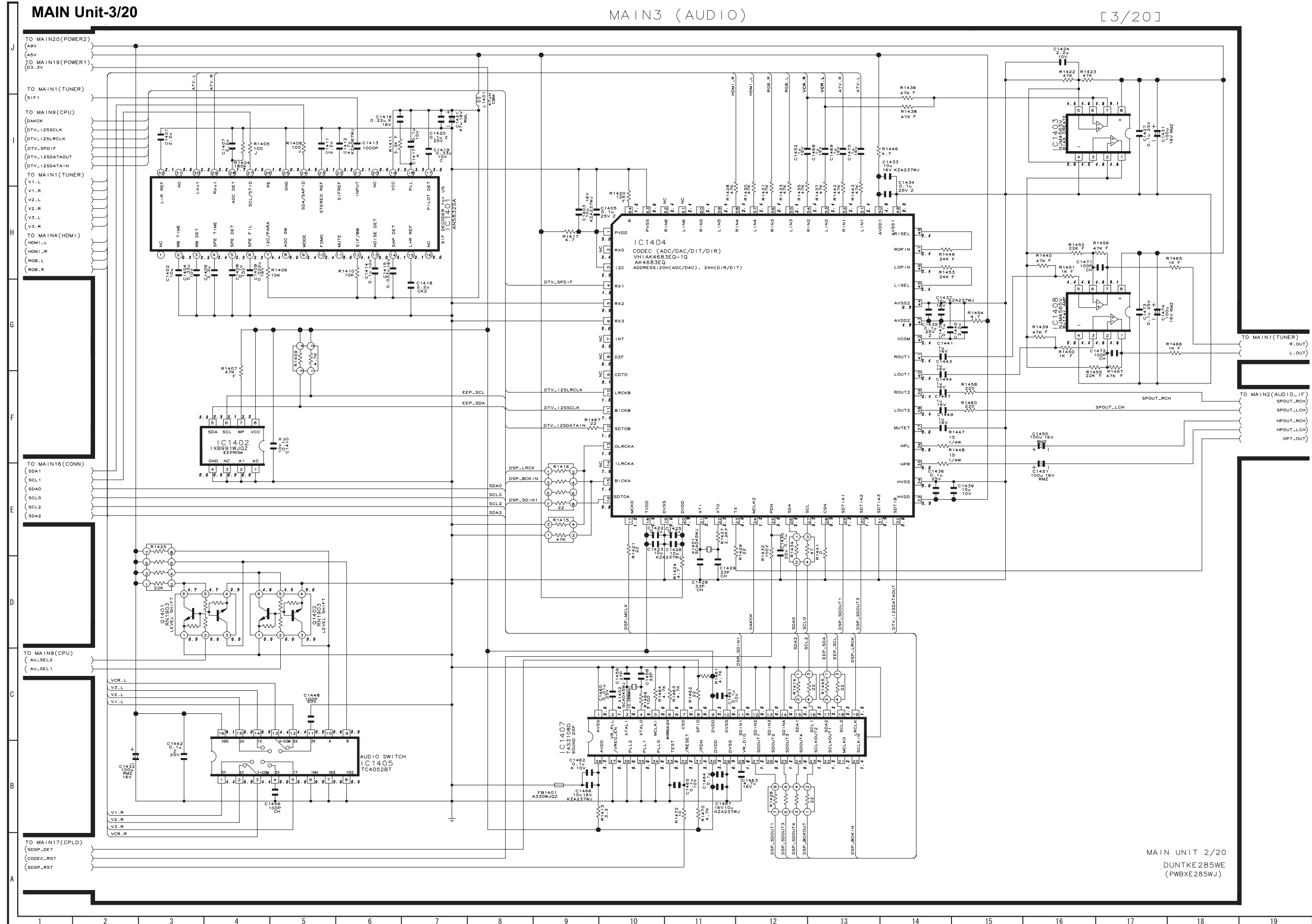
SA To IF PWB



MAIN Unit-3/20

MAIN3 (AUDIO)

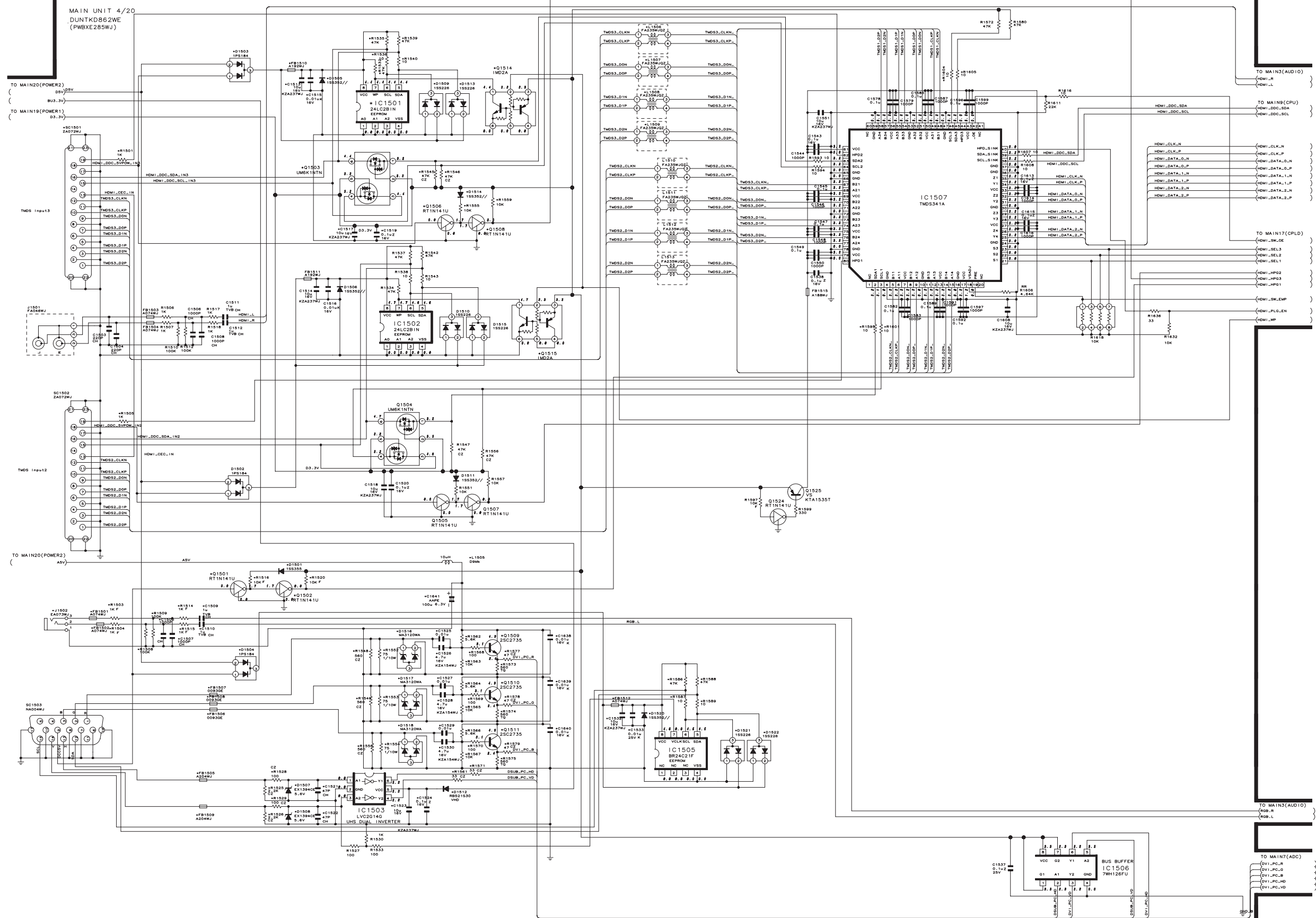
[ 3 / 20 ]



MAIN UNIT 2/20  
DUNTKE285WE  
(PWBX285WJ)

MAIN Unit-4/20

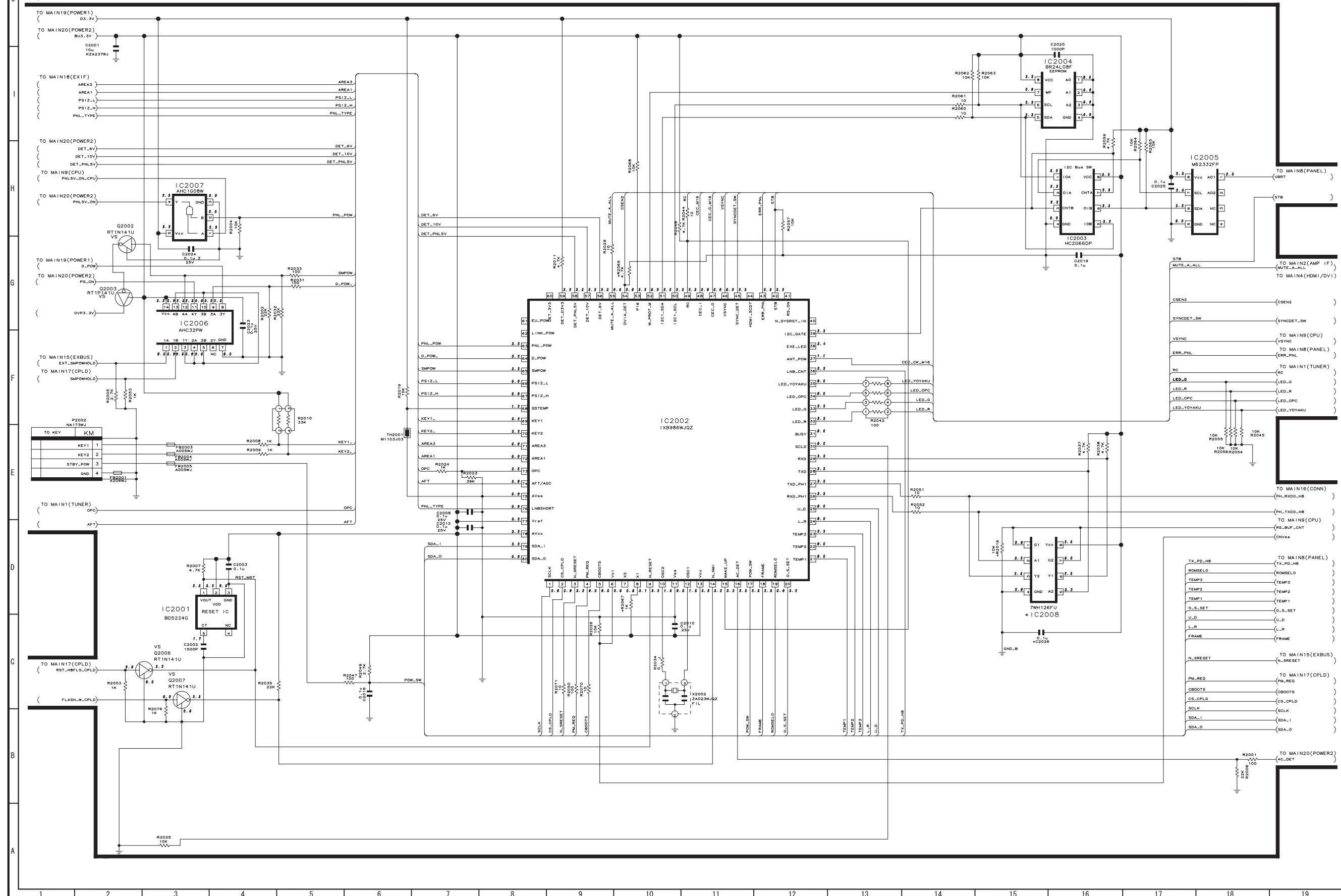
MAIN4 (HDMI/DVI)



MAIN Unit-5/20

MAIN5 (H8)

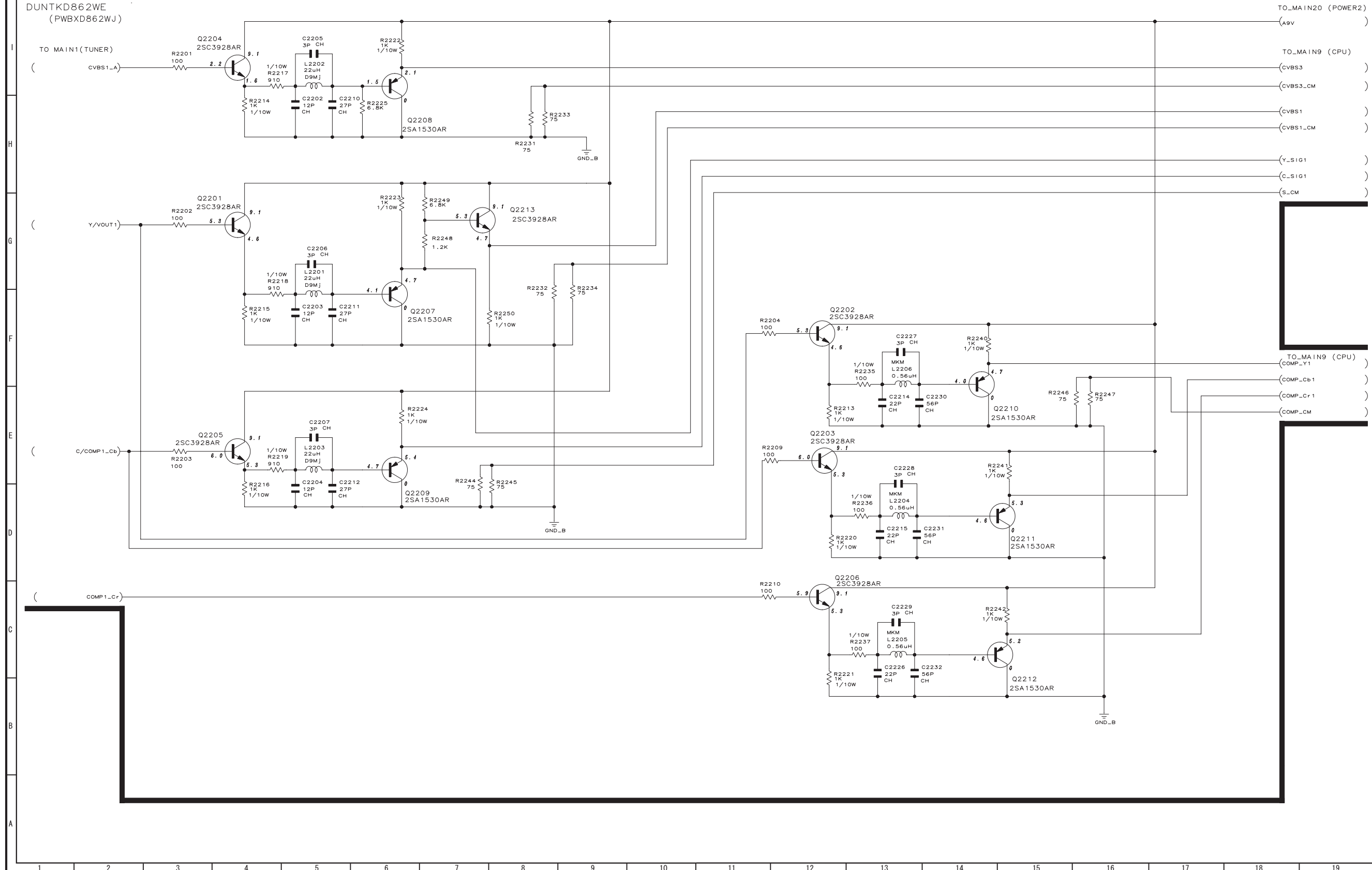
[5/20]



MAIN Unit-6/20

MAIN6 (LPF)

[6/20]











**MAIN Unit-10/20**

MAIN10(USB)

[ 10/20 ]

|   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|
| J |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| I |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| H |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| G |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| F |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| E |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| D |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| C |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| B |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
| A |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |

MAIN Unit-11/20

MAIN11/20 (DDR)

[ 11/20 ]

TO MAIN19(PWR1)  
( D2.6V )

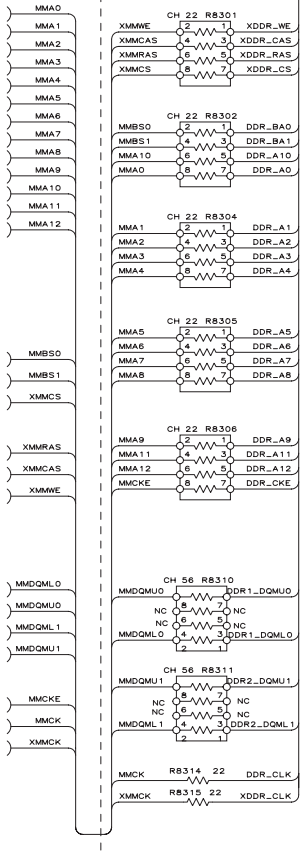
D2.6V

MAIN UNIT 11/20  
DUNTKE 285WE  
(PWBX285WJ)

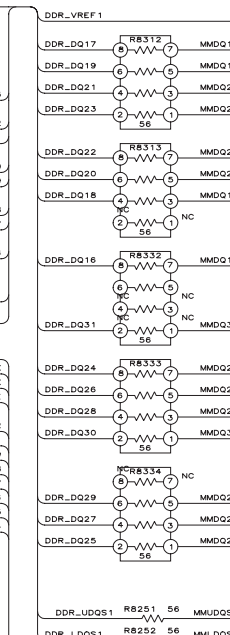
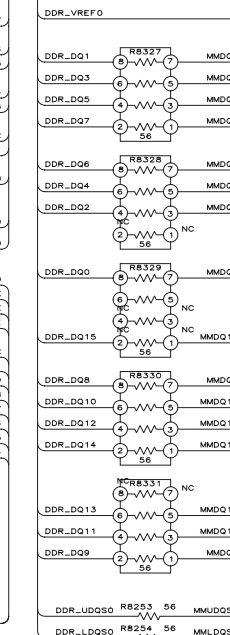
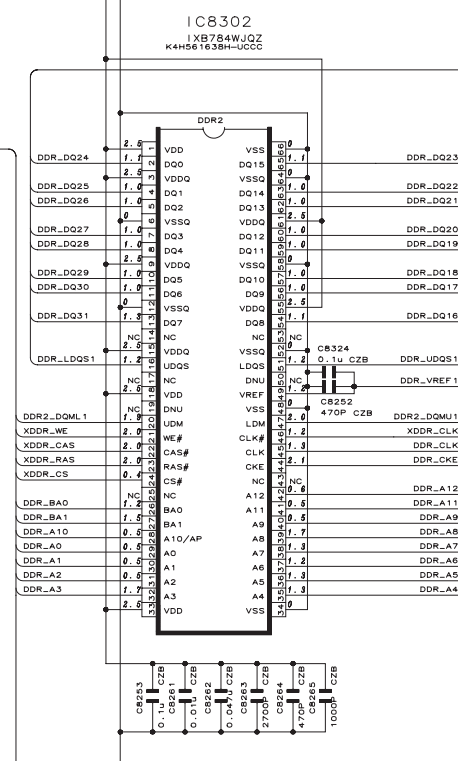
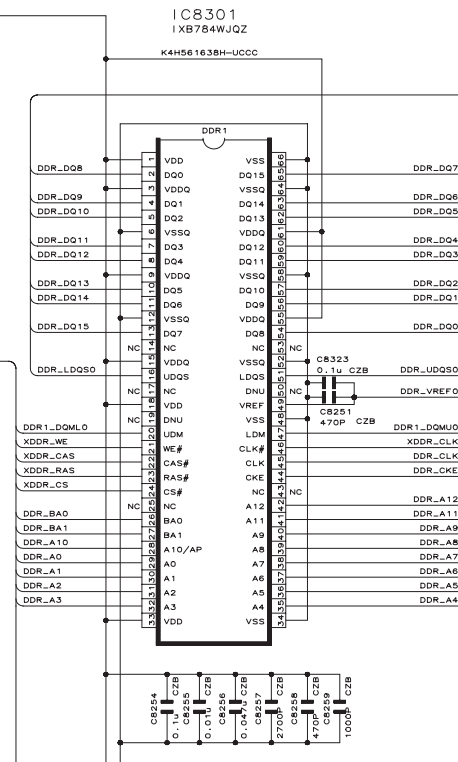
TO MAIN9(CPU)  
(DDR\_VREF0  
(DDR\_VREF1

TO MAIN9(CPU)

- (MMA0)
- (MMA1)
- (MMA2)
- (MMA3)
- (MMA4)
- (MMA5)
- (MMA6)
- (MMA7)
- (MMA8)
- (MMA9)
- (MMA10)
- (MMA11)
- (MMA12)



- DDR\_A4
- DDR\_A5
- DDR\_A6
- DDR\_A7
- DDR\_A8
- DDR\_A9
- DDR\_A10
- DDR\_A11
- DDR\_A12
- DDR\_A0
- DDR\_A1
- DDR\_A2
- DDR\_A3
- DDR\_A10
- DDR\_BA0
- DDR\_BA1
- XDDR\_CS
- XDDR\_RAS
- XDDR\_CAS
- XDDR\_WE
- DDR1\_DQML0
- DDR1\_DQM10
- DDR\_CKE
- DDR\_CLK
- XDDR\_CLK
- DDR\_A4
- DDR\_A5
- DDR\_A6
- DDR\_A7
- DDR\_A8
- DDR\_A9
- DDR\_A10
- DDR\_A11
- DDR\_A12
- DDR\_A0
- DDR\_A1
- DDR\_A2
- DDR\_A3
- DDR\_A10
- DDR\_BA0
- DDR\_BA1
- XDDR\_CS
- XDDR\_RAS
- XDDR\_CAS
- XDDR\_WE
- DDR2\_DQML1
- DDR2\_DQM11
- DDR\_CKE
- DDR\_CLK
- XDDR\_CLK



- (MMDQ0)
- (MMDQ1)
- (MMDQ2)
- (MMDQ3)
- (MMDQ4)
- (MMDQ5)
- (MMDQ6)
- (MMDQ7)
- (MMDQ8)
- (MMDQ9)
- (MMDQ10)
- (MMDQ11)
- (MMDQ12)
- (MMDQ13)
- (MMDQ14)
- (MMDQ15)
- (MMDQ16)
- (MMDQ17)
- (MMDQ18)
- (MMDQ19)
- (MMDQ20)
- (MMDQ21)
- (MMDQ22)
- (MMDQ23)
- (MMDQ24)
- (MMDQ25)
- (MMDQ26)
- (MMDQ27)
- (MMDQ28)
- (MMDQ29)
- (MMDQ30)
- (MMDQ31)
- (MMLDQ50)
- (MMLDQ50)
- (MMLDQ51)
- (MMLDQ51)

MAIN Unit-12/20

MAIN12 (EPROM)

[ 12/20 ]

Checker land for +12.0V Input in factory

MAIN UNIT 12/20  
.DUNTKE285WE  
(PWBXE285WJ)

TO MAIN19(POWER1)  
(D3.3V)

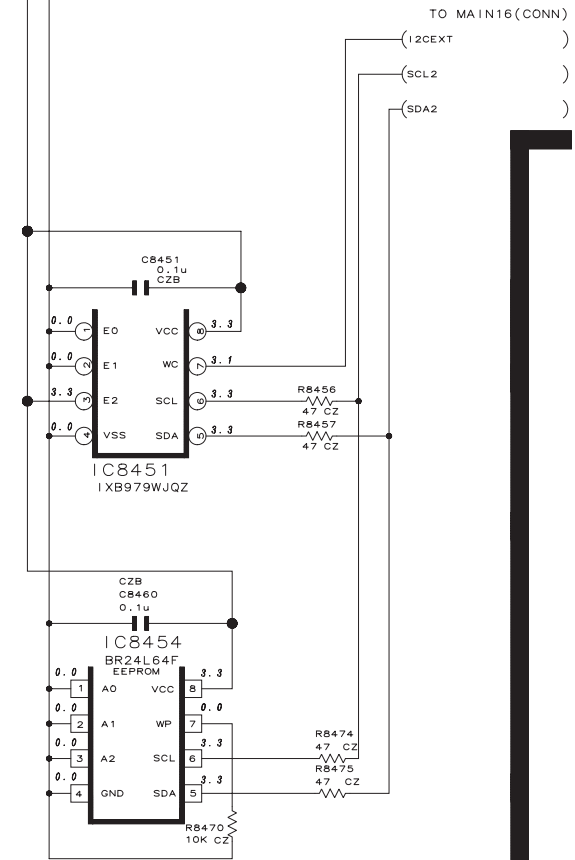
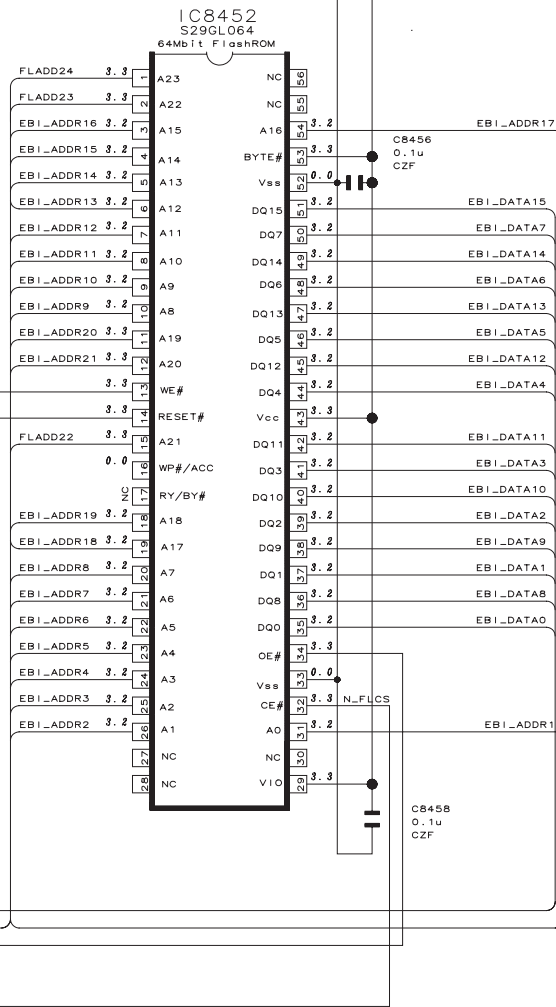
GND-B

TO MAIN15(EXBUS)

- ( EBI\_DATA0 ) EBI\_DATA0
- ( EBI\_DATA1 ) EBI\_DATA1
- ( EBI\_DATA2 ) EBI\_DATA2
- ( EBI\_DATA3 ) EBI\_DATA3
- ( EBI\_DATA4 ) EBI\_DATA4
- ( EBI\_DATA5 ) EBI\_DATA5
- ( EBI\_DATA6 ) EBI\_DATA6
- ( EBI\_DATA7 ) EBI\_DATA7
- ( EBI\_DATA8 ) EBI\_DATA8
- ( EBI\_DATA9 ) EBI\_DATA9
- ( EBI\_DATA10 ) EBI\_DATA10
- ( EBI\_DATA11 ) EBI\_DATA11
- ( EBI\_DATA12 ) EBI\_DATA12
- ( EBI\_DATA13 ) EBI\_DATA13
- ( EBI\_DATA14 ) EBI\_DATA14
- ( EBI\_DATA15 ) EBI\_DATA15
- ( EBI\_ADDR1 ) EBI\_ADDR1
- ( EBI\_ADDR2 ) EBI\_ADDR2
- ( EBI\_ADDR3 ) EBI\_ADDR3
- ( EBI\_ADDR4 ) EBI\_ADDR4
- ( EBI\_ADDR5 ) EBI\_ADDR5
- ( EBI\_ADDR6 ) EBI\_ADDR6
- ( EBI\_ADDR7 ) EBI\_ADDR7
- ( EBI\_ADDR8 ) EBI\_ADDR8
- ( EBI\_ADDR9 ) EBI\_ADDR9
- ( EBI\_ADDR10 ) EBI\_ADDR10
- ( EBI\_ADDR11 ) EBI\_ADDR11
- ( EBI\_ADDR12 ) EBI\_ADDR12
- ( EBI\_ADDR13 ) EBI\_ADDR13
- ( EBI\_ADDR14 ) EBI\_ADDR14
- ( EBI\_ADDR15 ) EBI\_ADDR15
- ( EBI\_ADDR16 ) EBI\_ADDR16
- ( EBI\_ADDR17 ) EBI\_ADDR17
- ( EBI\_ADDR18 ) EBI\_ADDR18
- ( EBI\_ADDR19 ) EBI\_ADDR19
- ( EBI\_ADDR20 ) EBI\_ADDR20
- ( EBI\_ADDR21 ) EBI\_ADDR21
- ( FLADD22 ) FLADD22
- ( FLADD23 ) FLADD23
- ( FLADD24 ) FLADD24
- ( N\_EBI\_WE ) N\_EBI\_WE
- ( N\_EBI\_RD ) N\_EBI\_RD

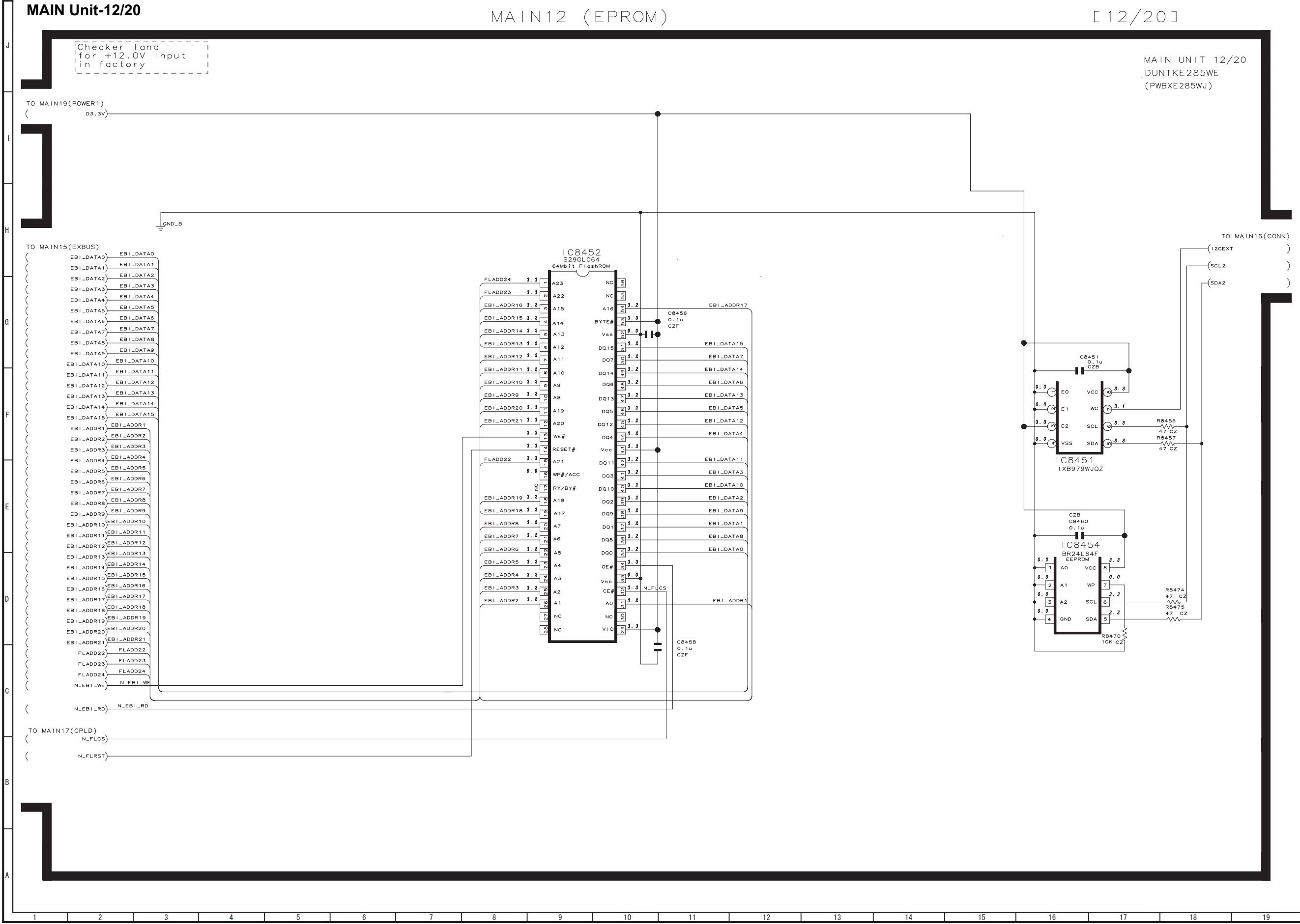
TO MAIN17(CPLD)  
(N\_FLCS)

(N\_FLRST)

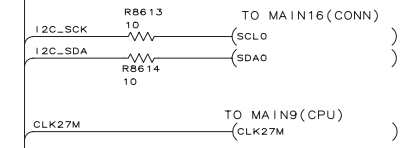
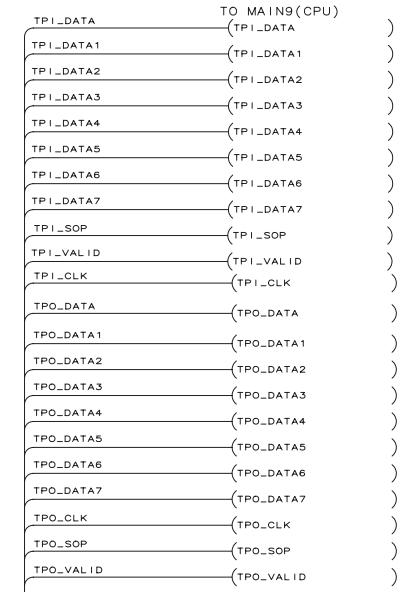
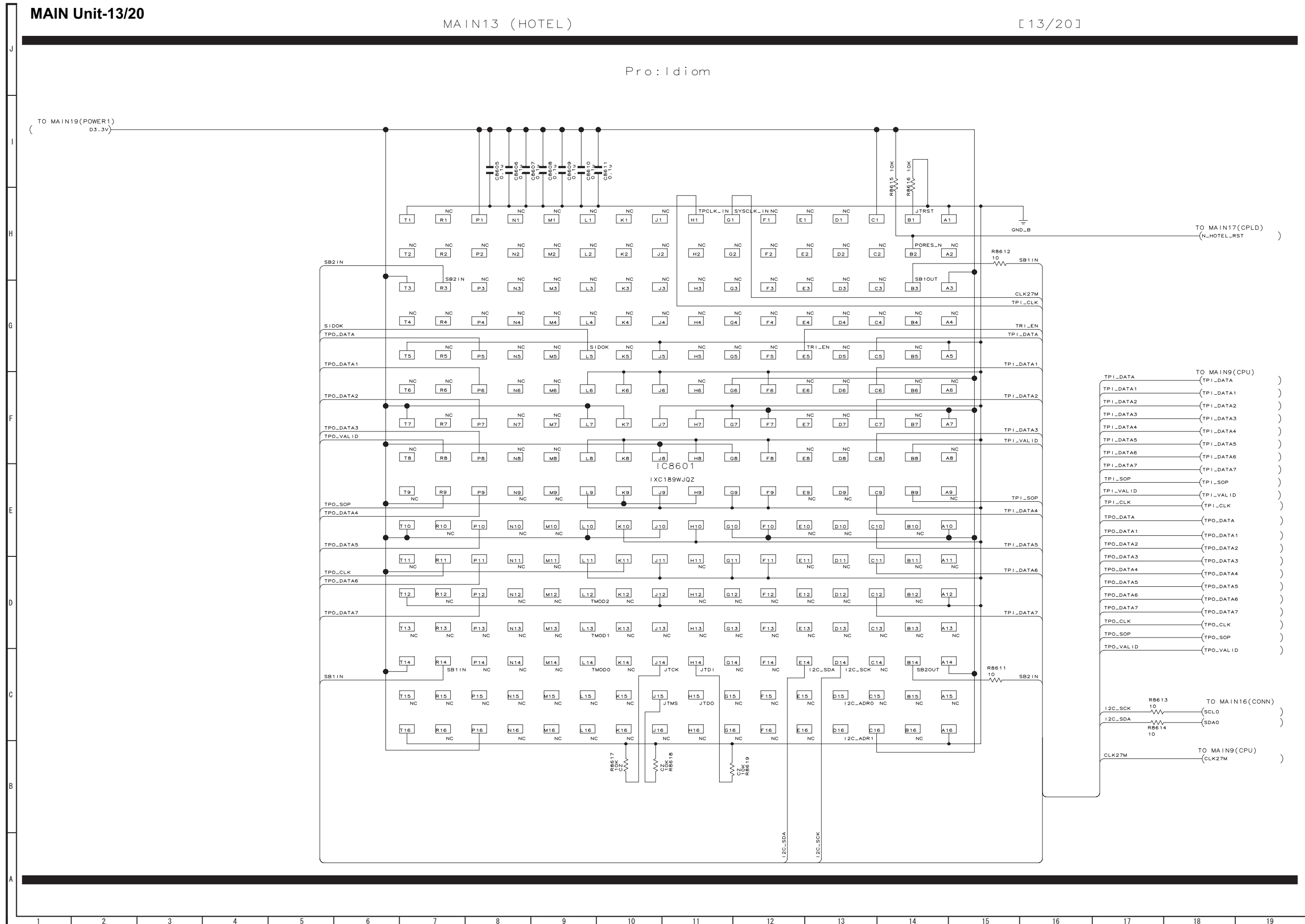


TO MAIN16(CONN)

- ( I2CEXT )
- ( SCL2 )
- ( SDA2 )



Pro:Idiom

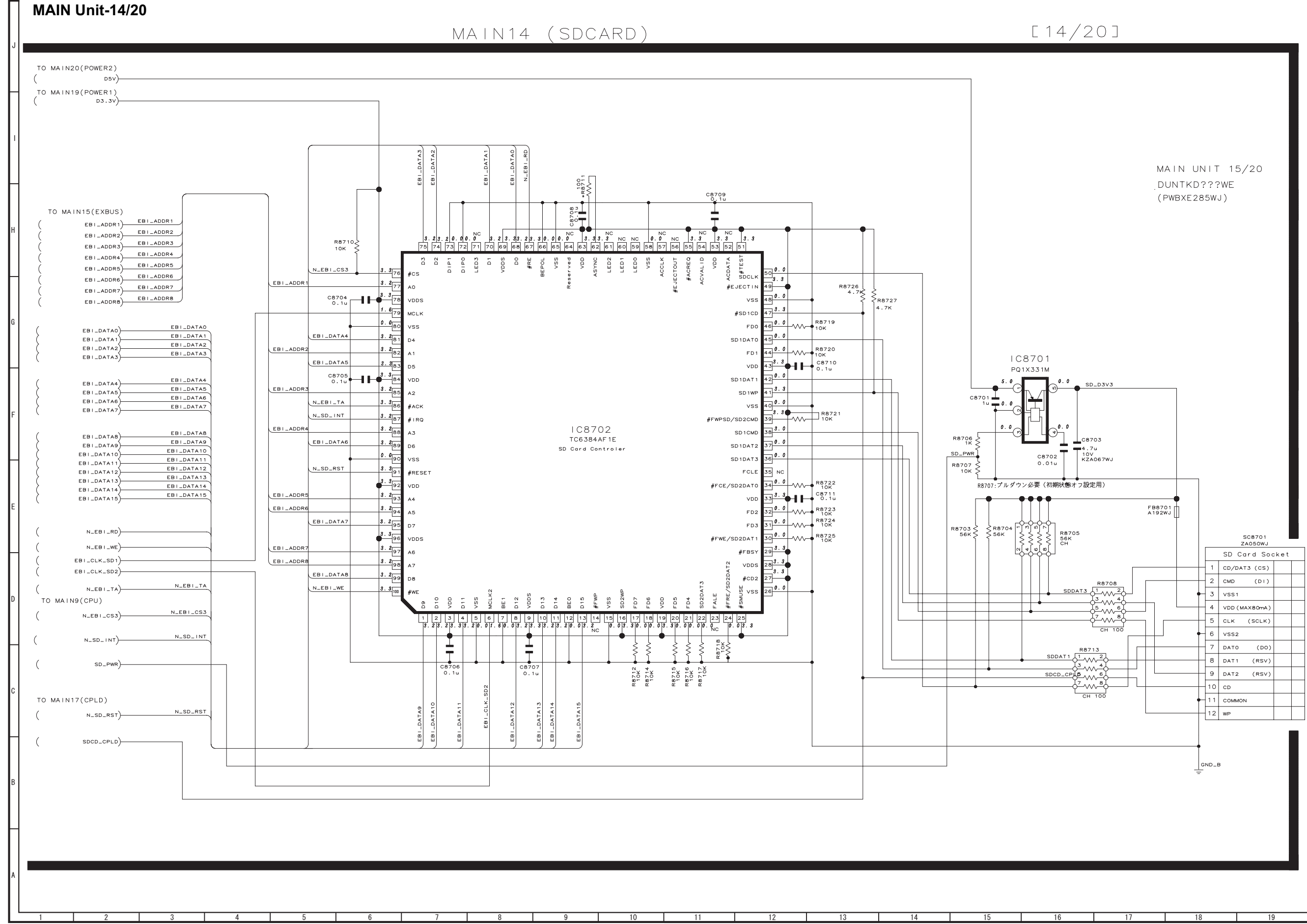


MAIN Unit-14/20

MAIN14 (SDCARD)

[ 14/20 ]

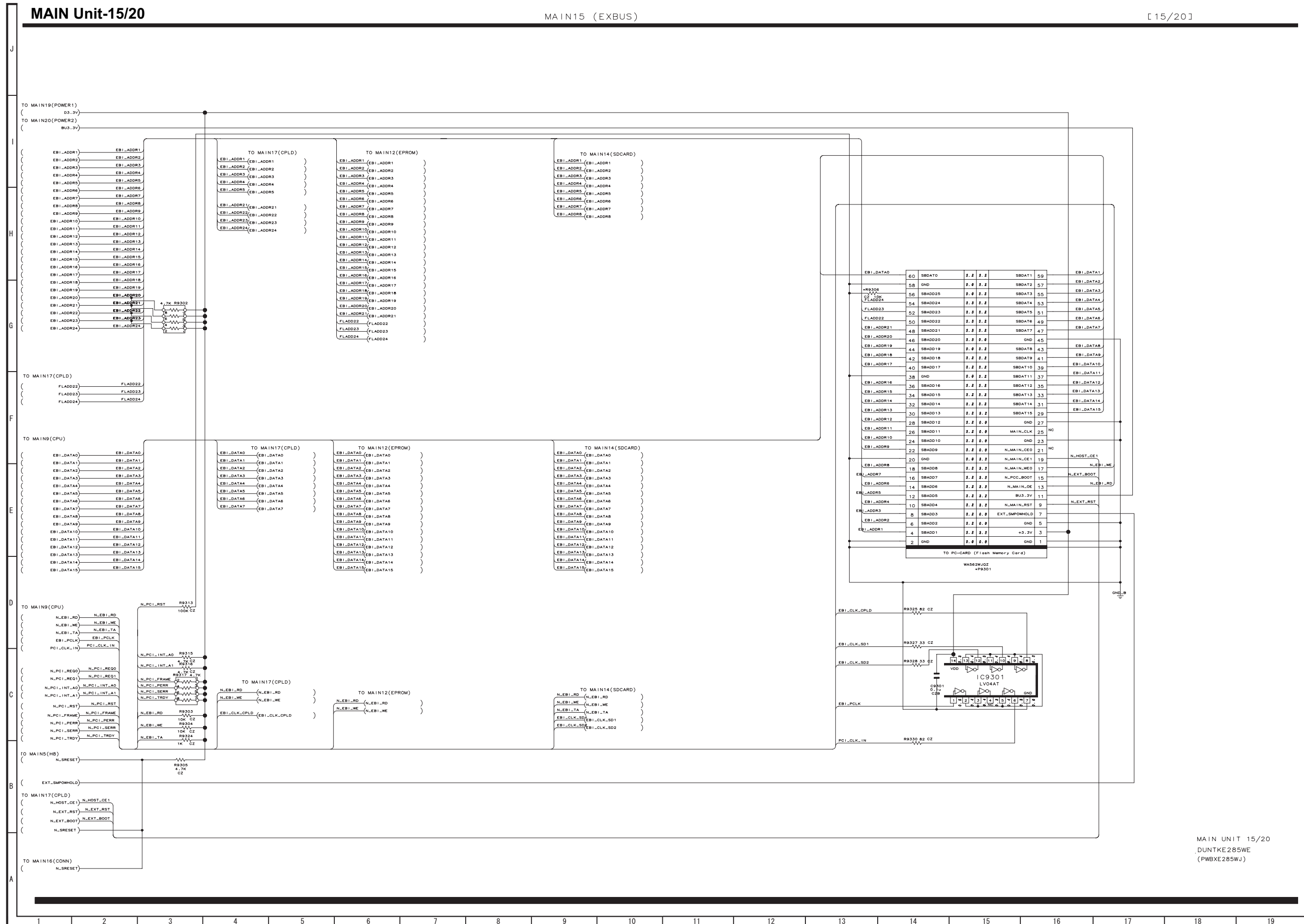
MAIN UNIT 15/20  
DUNTKD??WE  
(PWBXE285WJ)



MAIN Unit-15/20

MAIN15 (EXBUS)

[ 15/20 ]

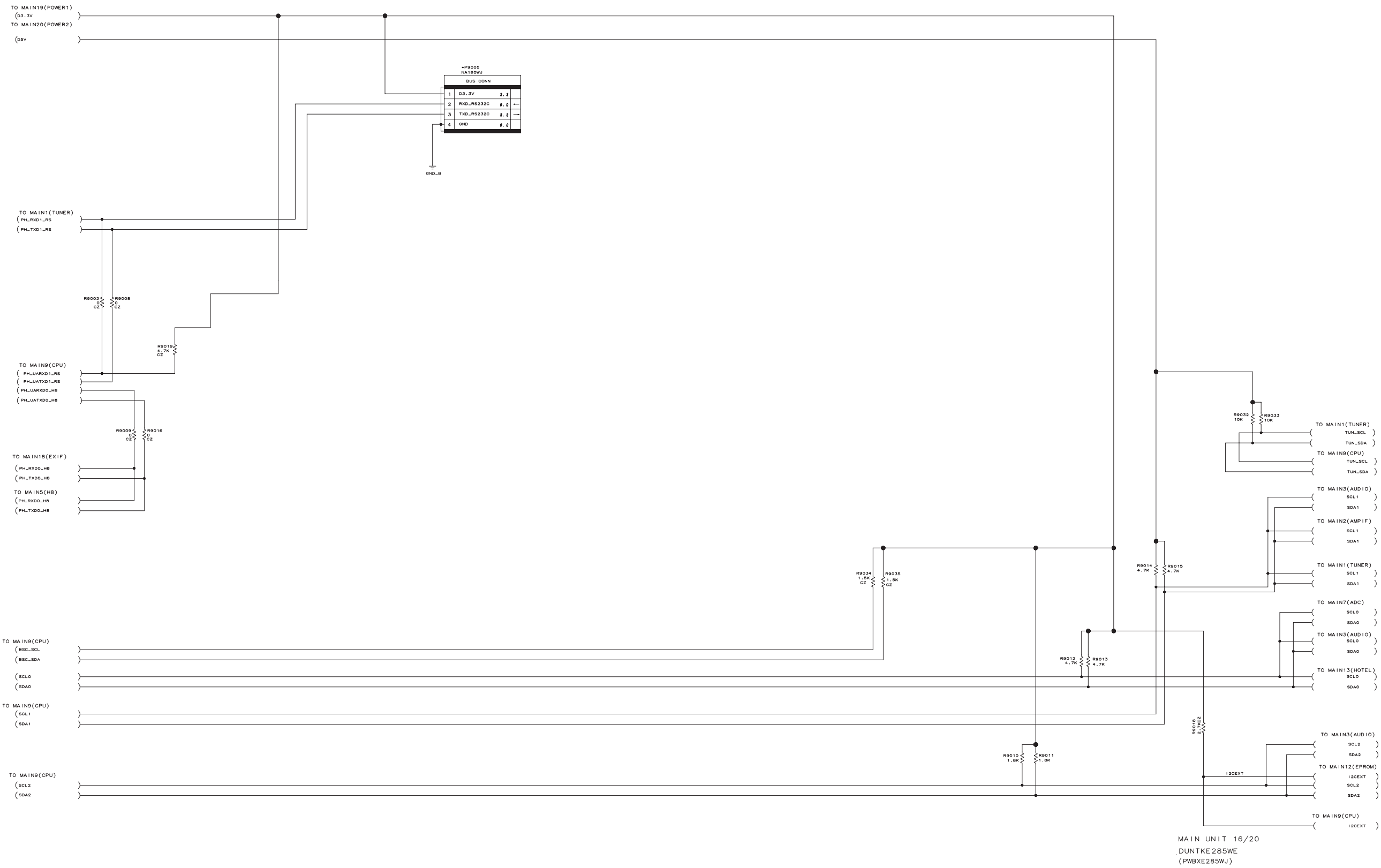


MAIN UNIT 15/20  
\_DUNTKE285WE  
(PWBXE285WJ)

MAIN Unit-16/20

MAIN16 (CONN)

[ 16/20 ]

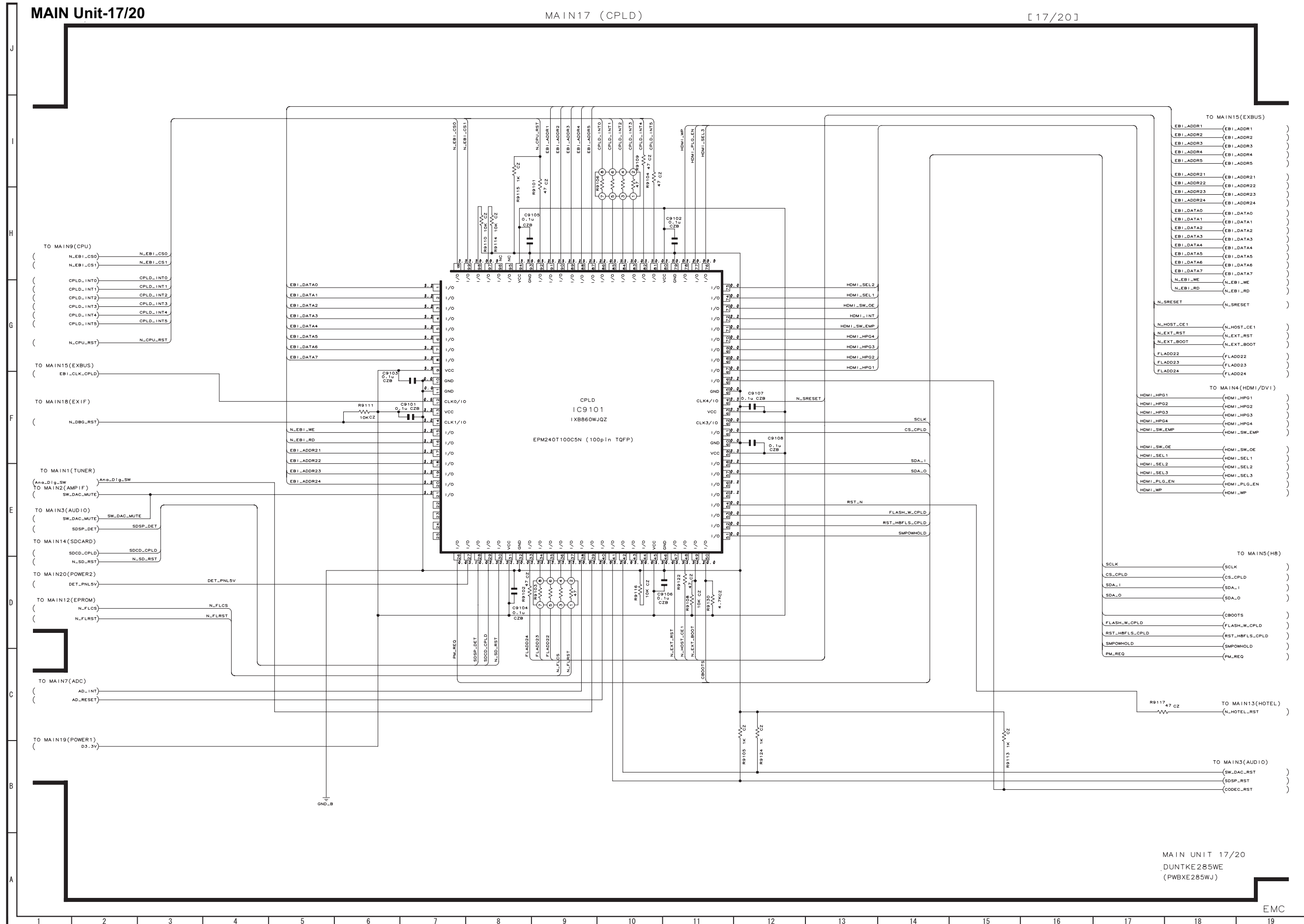




MAIN Unit-17/20

MAIN17 (CPLD)

[ 17/20 ]



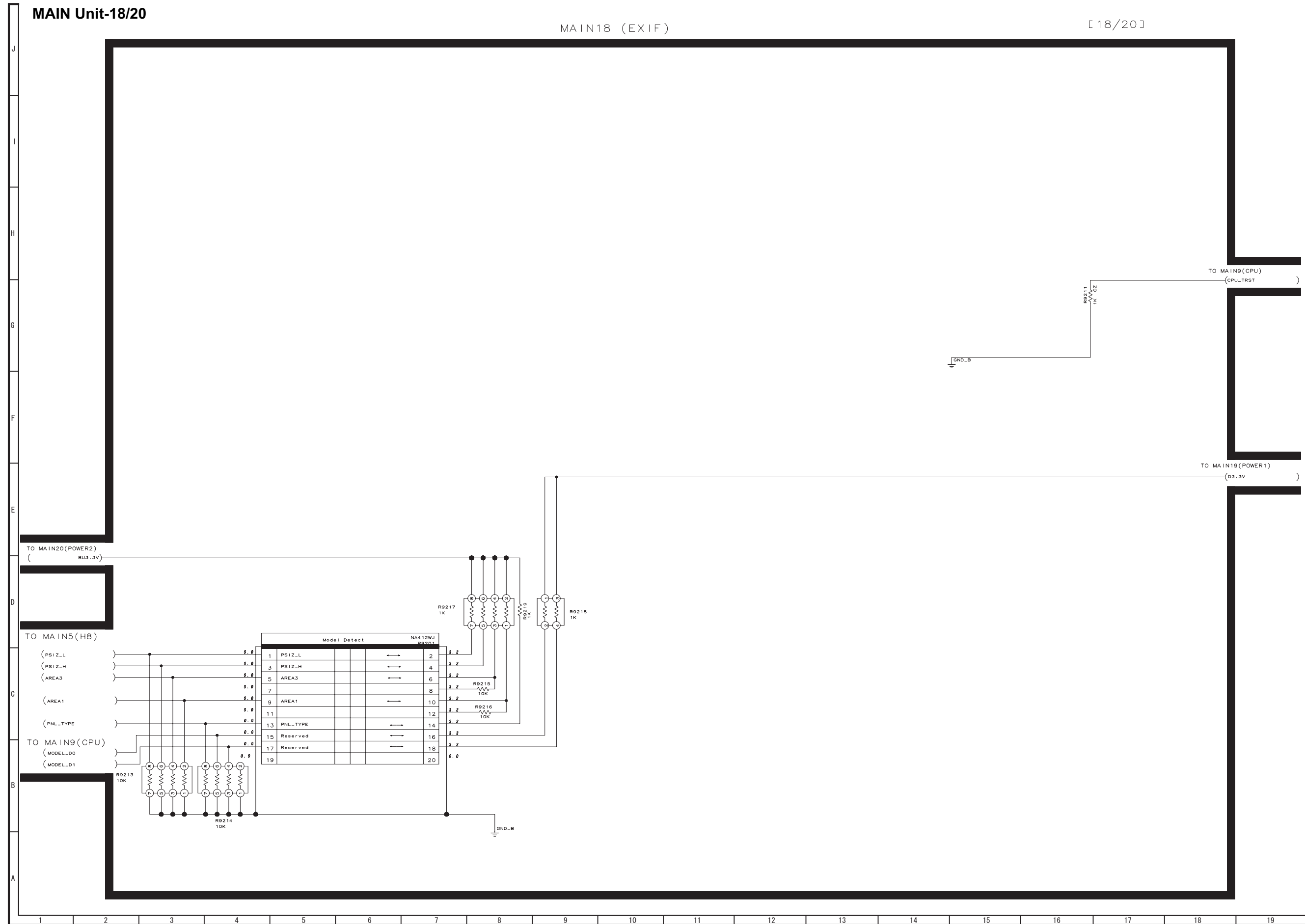
MAIN UNIT 17/20  
DUNTKE285WE  
(PWBXE285WJ)

EMC

MAIN Unit-18/20

MAIN18 (EXIF)

[ 18/20 ]



MAIN Unit-19/20

MAIN19 (POWER1)

[ 19/20 ]

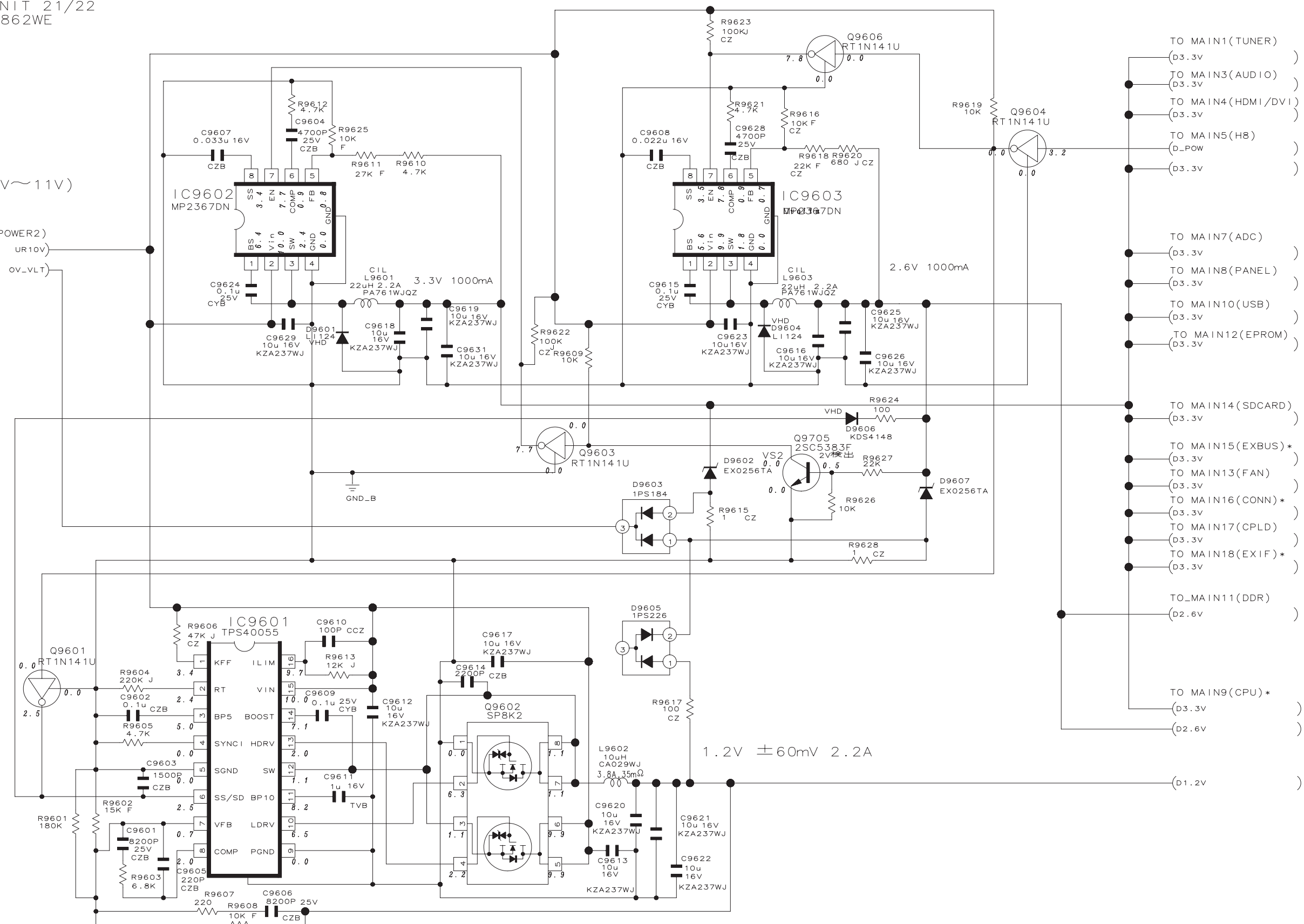
MAIN UNIT 21/22  
DUNTKD862WE

10V(9.5V~11V)

TO MAIN20(POWER2)

UR10V

OV\_VLT

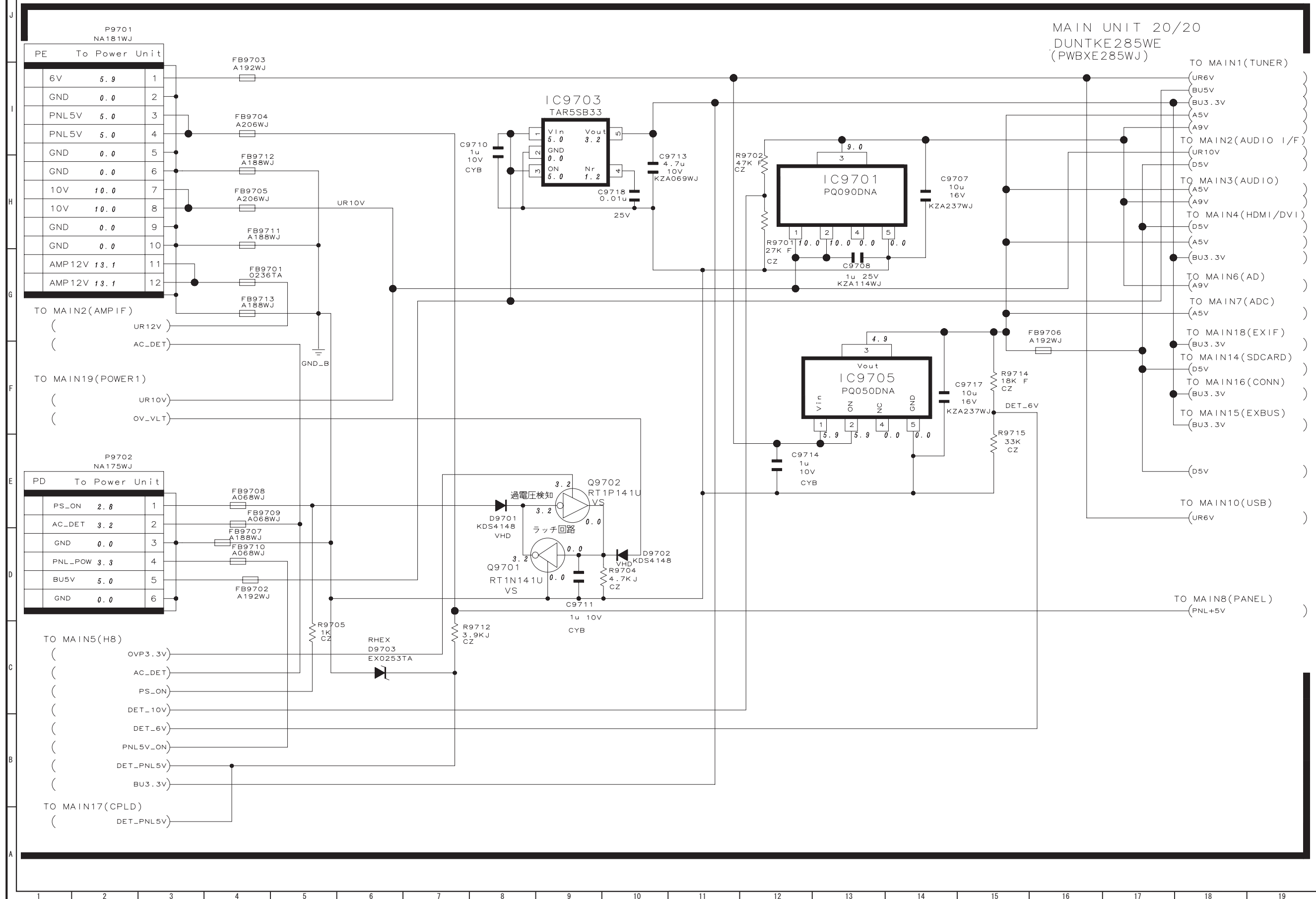


- TO MAIN1(TUNER) (D3.3V)
- TO MAIN3(AUDIO) (D3.3V)
- TO MAIN4(HDMI/DVI) (D3.3V)
- TO MAIN5(H8) (D\_POW) (D3.3V)
- TO MAIN7(ADC) (D3.3V)
- TO MAIN8(PANEL) (D3.3V)
- TO MAIN10(USB) (D3.3V)
- TO MAIN12(EPROM) (D3.3V)
- TO MAIN14(SDCARD) (D3.3V)
- TO MAIN15(EXBUS)\* (D3.3V)
- TO MAIN13(FAN) (D3.3V)
- TO MAIN16(CONN)\* (D3.3V)
- TO MAIN17(CPLD) (D3.3V)
- TO MAIN18(EXIF)\* (D3.3V)
- TO MAIN11(DDR) (D2.6V)
- TO MAIN9(CPU)\* (D3.3V)
- (D2.6V)
- (D1.2V)

MAIN Unit-20/20

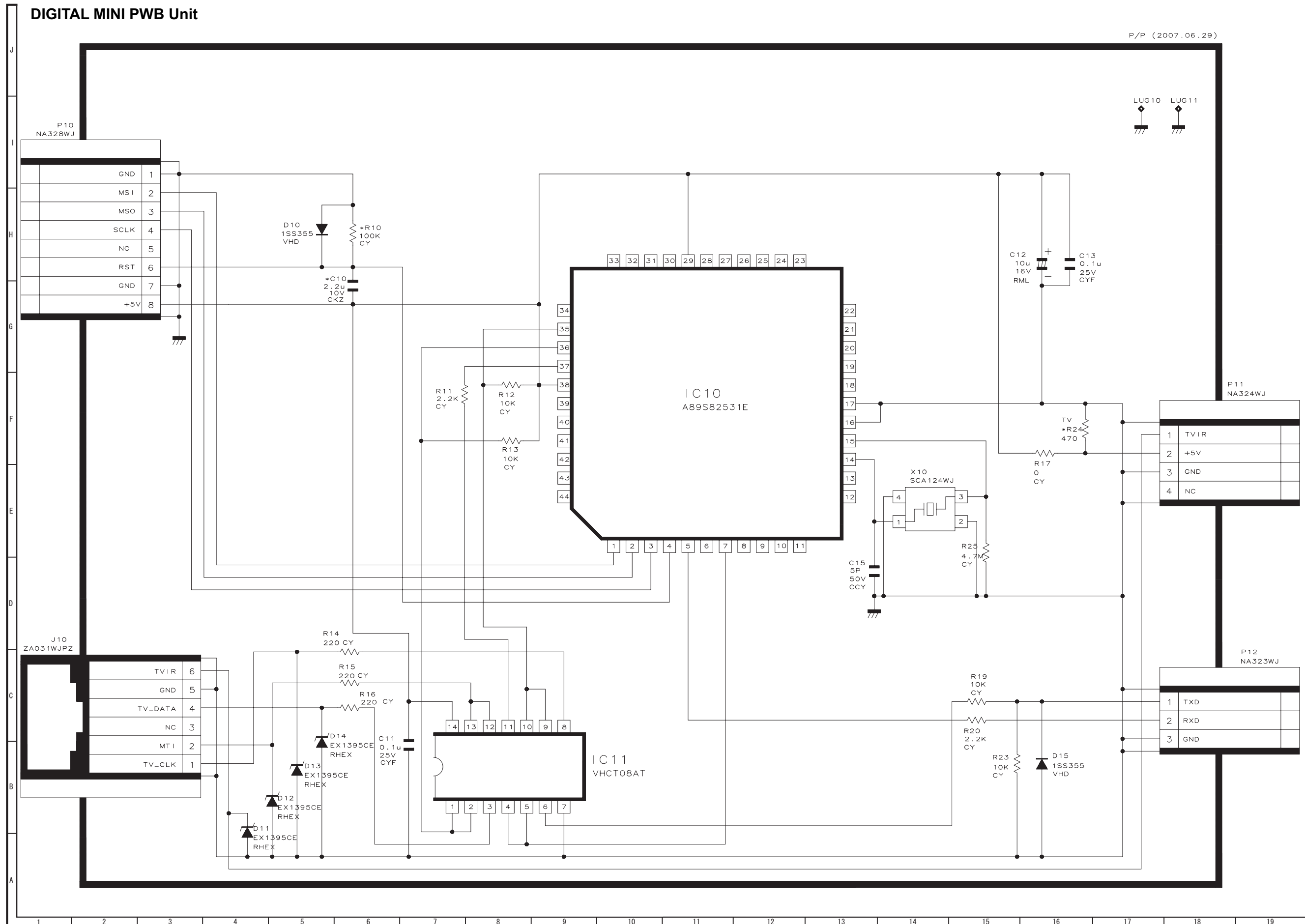
MAIN20 (POWER2)

[ 20/20 ]



DIGITAL MINI PWB Unit

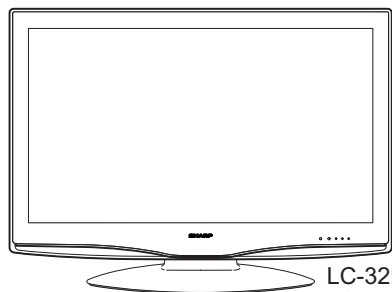
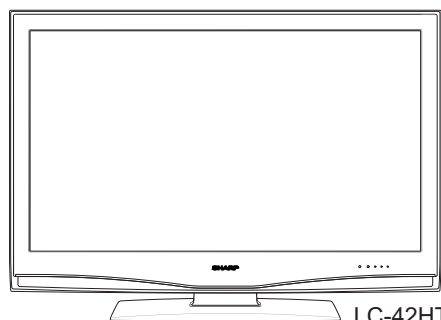
P/P (2007.06.29)





# SHARP PARTS GUIDE

No. S97P6LC32HT3U

LC-32HT3U  
LC-37HT3U

LC-42HT3U

## LCD COLOR TELEVISION

### LC-32HT3U

### LC-37HT3U

### MODELS LC-42HT3U

#### CONTENTS

- |   |                                       |
|---|---------------------------------------|
| [1] PRINTED WIRING BOARD ASSEMBLIES   | [6] CABINET PARTS (LC-37HT3U)         |
| [2] LCD PANEL (NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.) | [7] CABINET PARTS (LC-42HT3U)         |
| [3] DUNTKD537FM03 (DIGITAL MINI PWB Unit)   | [8] SUPPLIED ACCESSORIES              |
| [4] DUNTKE285FM01 (MAIN Unit)   | [9] PACKING PARTS (LC-32HT3U/37HT3U)  |
| [5] CABINET PARTS (LC-32HT3U)   | [10] PACKING PARTS (LC-42HT3U)        |
|   | [11] SERVICE JIGS (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</b>   |                |            |          |               |                                 |
| N  | DUNTKD537FM03  |            | N        | R             | DIGITAL MINI PWB Unit           |
| N  | DUNTKE285FM01  |            | N        | R             | MAIN Unit                       |
| <b>[2] LCD PANEL (NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.)</b> |                |            |          |               |                                 |
| N  | R1LK315T3LF21  | DV         |          | J             | 32" LCD Panel Module            |
| N  | R1LK370T3LZ6CZ | EZ         | N        | J             | 37" LCD Panel Module            |
| N  | R1LK420T3LZ1AZ |            | N        | J             | 42" LCD Panel Module            |
| <b>[3] DUNTKD537FM03 (DIGITAL MINI PWB Unit)</b>   |                |            |          |               |                                 |
| C10  | RC-KZA115WJZZY | AB         |          | J             | Capacitor 2.2 10V Ceramic       |
| C11  | VCKYCY1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C12  | VCERML1CN106MY | AC         |          | J             | Capacitor 10 16V Electrolytic   |
| C13  | VCKYCY1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C15  | VGCCCY1HH5R0CY | AA         |          | J             | Capacitor 50p 50V Ceramic       |
| D10  | VHD1SS355/-1Y  | AB         |          | J             | Diode 1SS355FNTE-17             |
| D11  | RH-EX1395CEZZY | AC         |          | J             | UDZSNPTE-176.2B                 |
| D12  | RH-EX1395CEZZY | AC         |          | J             | UDZSNPTE-176.2B                 |
| D13  | RH-EX1395CEZZY | AC         |          | J             | UDZSNPTE-176.2B                 |
| D14  | RH-EX1395CEZZY | AC         |          | J             | UDZSNPTE-176.2B                 |
| D15  | VHD1SS355/-1Y  | AB         |          | J             | Diode 1SS355FNTE-17             |
| D25  | VRS-CY1JF475JY | AA         |          | J             | Resistor 4.7M 1/16W Metal Oxide |
| IC10   | VHiA89S82531EY |            | N        | R             | IC AT89S8253-24AU-SL928         |
| IC11   | VHiVHCT08AT-1Y | AD         |          | J             | IC TC74VHCT08AFT(EKJ)           |
| J10  | QJAKZA031WJPZ  | AE         |          | J             | Jack                            |
| LUG10  | QLUGHA006WJZZY | AC         |          | J             | Lug                             |
| LUG11  | QLUGHA006WJZZY | AC         |          | J             | Lug                             |
| P10  | QPLGNA328WJZZY | AD         |          | J             | Plug, 8pin                      |
| P11  | QPLGNA324WJZZY | AC         |          | J             | Plug, 4pin                      |
| P12  | QPLGNA323WJZZY | AC         |          | J             | Plug, 3pin                      |
| R10  | VRS-CY1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R11  | VRS-CY1JF222JY | AA         |          | J             | Resistor 2.2k 1/16W Metal Oxide |
| R12  | VRS-CY1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R13  | VRS-CY1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R14  | VRS-CY1JF221JY | AA         |          | J             | Resistor 220 1/16W Metal Oxide  |
| R15  | VRS-CY1JF221JY | AA         |          | J             | Resistor 220 1/16W Metal Oxide  |
| R16  | VRS-CY1JF221JY | AA         |          | J             | Resistor 220 1/16W Metal Oxide  |
| R17  | VRS-CY1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R19  | VRS-CY1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R20  | VRS-CY1JF222JY | AA         |          | J             | Resistor 2.2k 1/16W Metal Oxide |
| R23  | VRS-CY1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R24  | VRS-CY1JF471JY | AA         |          | J             | Resistor 470 1/16W Metal Oxide  |
| X10  | RCRSCA124WJZZY | AG         |          | J             | Crystal                         |
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b>   |                |            |          |               |                                 |
| C1101  | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1102  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1103  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1104  | RC-KZA114WJZZY | AB         |          | J             | Capacitor 1 25V Ceramic         |
| C1105  | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C1108  | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C1115  | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1116  | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1118  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1122  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1127  | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1139  | VGCCZ1HH181JY  | AB         |          | J             | Capacitor 180p 50V Ceramic      |
| C1140  | VGCCZ1HH270JY  | AB         |          | J             | Capacitor 27p 50V Ceramic       |
| C1141  | VGCCZ1HH270JY  | AB         |          | J             | Capacitor 27p 50V Ceramic       |
| C1144  | VGCCZ1HH5R0CY  | AA         |          | J             | Capacitor 50p 50V Ceramic       |
| C1145  | VCKYCZ1HB472KY | AA         |          | J             | Capacitor 4700p 50V Ceramic     |
| C1146  | VCKYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic      |
| C1155  | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1156  | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1301  | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1303  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1305  | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1306  | VCERMZ1VN227MY | AD         |          | J             | Capacitor 220 35V Electrolytic  |
| C1308  | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1309  | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1310  | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1311  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1312  | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1313  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1314  | RC-KZA098WJZZY | AD         |          | J             | Capacitor 10 Ceramic            |
| C1401  | RC-KZ0083TAZZY | AC         |          | J             | Capacitor 2.2 Ceramic           |
| C1402  | RC-KZA383WJZZY | AC         |          | J             | Capacitor 10 Ceramic            |
| C1403  | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1404  | VCKYCY1AB334KY | AB         |          | J             | Capacitor 0.33 10V Ceramic      |
| C1405  | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1406  | RC-KZA508WJQZY | AC         |          | J             | Capacitor 3.3 Ceramic           |
| C1407  | RC-KZ0083TAZZY | AC         |          | J             | Capacitor 2.2 Ceramic           |
| C1408  | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C1409  | VCKYCZ1CB223KY | AC         |          | J             | Capacitor 0.022 16V Ceramic     |



| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                    |
|--------------------------------------|----------------|------------|----------|---------------|--------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                |
| C1410                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic      |
| C1411                                | RC-KZ0083TAZZY | AC         |          | J             | Capacitor 2.2 Ceramic          |
| C1412                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic          |
| C1413                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic    |
| C1414                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic      |
| C1415                                | VCKYCZ1CB333KY | AA         |          | J             | Capacitor 0.033 16V Ceramic    |
| C1416                                | VCKYCV1CB224KY | AB         |          | J             | Capacitor 0.22 16V Ceramic     |
| C1417                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic      |
| C1418                                | RC-KZ0083TAZZY | AC         |          | J             | Capacitor 2.2 Ceramic          |
| C1419                                | VCKYCV1AB334KY | AB         |          | J             | Capacitor 0.33 10V Ceramic     |
| C1420                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1421                                | VCERML1CN476MY | AC         |          | J             | Capacitor 47 16V Electrolytic  |
| C1422                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1423                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1424                                | RC-KZ0083TAZZY | AC         |          | J             | Capacitor 2.2 Ceramic          |
| C1425                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1426                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1427                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1428                                | VCCCCZ1HH330JY | AB         |          | J             | Capacitor 33p 50V Ceramic      |
| C1429                                | VCCCCZ1HH330JY | AB         |          | J             | Capacitor 33p 50V Ceramic      |
| C1430                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1431                                | VCERMZ1CN107MY | AD         |          | J             | Capacitor 100 16V Electrolytic |
| C1432                                | VCERMZ1CN107MY | AD         |          | J             | Capacitor 100 16V Electrolytic |
| C1433                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1434                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1435                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1436                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1437                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1438                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1439                                | RC-KZA176WJZZY | AC         |          | J             | Capacitor 10 10V Ceramic       |
| C1440                                | RC-KZ0083TAZZY | AC         |          | J             | Capacitor 2.2 Ceramic          |
| C1441                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1442                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1443                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1444                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1446                                | VCCCCZ1HH101JY | AB         |          | J             | Capacitor 100p 50V Ceramic     |
| C1447                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1448                                | VCCCCZ1HH101JY | AB         |          | J             | Capacitor 100p 50V Ceramic     |
| C1449                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1450                                | VCERMZ1CN107MY | AD         |          | J             | Capacitor 100 16V Electrolytic |
| C1451                                | VCERMZ1CN107MY | AD         |          | J             | Capacitor 100 16V Electrolytic |
| C1452                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1458                                | VCCCCZ1HH330JY | AB         |          | J             | Capacitor 33p 50V Ceramic      |
| C1459                                | VCCCCZ1HH270JY | AB         |          | J             | Capacitor 27p 50V Ceramic      |
| C1460                                | VCKYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic     |
| C1461                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic      |
| C1462                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic      |
| C1463                                | RC-KZA154WJZZY | AB         |          | J             | Capacitor 4.7 16V Ceramic      |
| C1464                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic      |
| C1465                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic      |
| C1466                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1467                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1468                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1469                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1470                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1471                                | VCCCCZ1HH101JY | AB         |          | J             | Capacitor 100p 50V Ceramic     |
| C1472                                | VCCCCZ1HH101JY | AB         |          | J             | Capacitor 100p 50V Ceramic     |
| C1473                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic      |
| C1474                                | VCERMZ1CN107MY | AD         |          | J             | Capacitor 100 16V Electrolytic |
| C1503                                | VCKYCZ1HB221KY | AA         |          | J             | Capacitor 220p 50V Ceramic     |
| C1504                                | VCKYCZ1HB221KY | AA         |          | J             | Capacitor 220p 50V Ceramic     |
| C1505                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic    |
| C1506                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic    |
| C1507                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic    |
| C1508                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic    |
| C1509                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1510                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1511                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1512                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic        |
| C1513                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1514                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1515                                | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic     |
| C1516                                | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic     |
| C1517                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1518                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1519                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic      |
| C1520                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic      |
| C1521                                | VCCCCZ1HH470JY | AB         |          | J             | Capacitor 47p 50V Ceramic      |
| C1522                                | VCCCCZ1HH470JY | AB         |          | J             | Capacitor 47p 50V Ceramic      |
| C1523                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic       |
| C1524                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic      |
| C1525                                | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic     |
| C1526                                | RC-KZA154WJZZY | AB         |          | J             | Capacitor 4.7 16V Ceramic      |
| C1527                                | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic     |
| C1528                                | RC-KZA154WJZZY | AB         |          | J             | Capacitor 4.7 16V Ceramic      |

| NO.                                  | PARTS CODE      | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|-----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                 |            |          |               |                                 |
| C1529                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C1530                                | RC-KZA154WJZZY  | AB         |          | J             | Capacitor 4.7 16V Ceramic       |
| C1532                                | RC-KZA237WJZZY  | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1533                                | VK KYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic      |
| C1537                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C1538                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1543                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1544                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1545                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1546                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1547                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1548                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1549                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1550                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1551                                | RC-KZA237WJZZY  | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1578                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1579                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1582                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1583                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1586                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1587                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1589                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1591                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1592                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1596                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1597                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1599                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1608                                | RC-KZA237WJZZY  | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C1613                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1614                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1615                                | VK KYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic       |
| C1616                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C1638                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C1639                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C1640                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C1641                                | VCAAPE0JJ107MY  | AE         |          | J             | Capacitor 100 6.3V Electrolytic |
| C2001                                | RC-KZA237WJZZY  | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C2002                                | VK KYCZ1HB152KY | AB         |          | J             | Capacitor 1500p 50V Ceramic     |
| C2003                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2008                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2010                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2012                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2016                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2019                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2020                                | VK KYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic     |
| C2023                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2024                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2025                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2026                                | VK KYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic       |
| C2202                                | VCCCCZ1HH120JY  | AB         |          | J             | Capacitor 12p 50V Ceramic       |
| C2203                                | VCCCCZ1HH120JY  | AB         |          | J             | Capacitor 12p 50V Ceramic       |
| C2204                                | VCCCCZ1HH120JY  | AB         |          | J             | Capacitor 12p 50V Ceramic       |
| C2205                                | VCCCCZ1HH3R0CY  | AA         |          | J             | Capacitor 30p 50V Ceramic       |
| C2206                                | VCCCCZ1HH3R0CY  | AA         |          | J             | Capacitor 30p 50V Ceramic       |
| C2207                                | VCCCCZ1HH3R0CY  | AA         |          | J             | Capacitor 30p 50V Ceramic       |
| C2210                                | VCCCCZ1HH270JY  | AB         |          | J             | Capacitor 27p 50V Ceramic       |
| C2211                                | VCCCCZ1HH270JY  | AB         |          | J             | Capacitor 27p 50V Ceramic       |
| C2212                                | VCCCCZ1HH270JY  | AB         |          | J             | Capacitor 27p 50V Ceramic       |
| C2214                                | VCCCCZ1HH220JY  | AB         |          | J             | Capacitor 22p 50V Ceramic       |
| C2215                                | VCCCCZ1HH220JY  | AB         |          | J             | Capacitor 22p 50V Ceramic       |
| C2226                                | VCCCCZ1HH220JY  | AB         |          | J             | Capacitor 22p 50V Ceramic       |
| C2227                                | VCCCCZ1HH3R0CY  | AA         |          | J             | Capacitor 30p 50V Ceramic       |
| C2228                                | VCCCCZ1HH3R0CY  | AA         |          | J             | Capacitor 30p 50V Ceramic       |
| C2229                                | VCCCCZ1HH3R0CY  | AA         |          | J             | Capacitor 30p 50V Ceramic       |
| C2230                                | VCCCCZ1HH560JY  | AB         |          | J             | Capacitor 56p 50V Ceramic       |
| C2231                                | VCCCCZ1HH560JY  | AB         |          | J             | Capacitor 56p 50V Ceramic       |
| C2232                                | VCCCCZ1HH560JY  | AB         |          | J             | Capacitor 56p 50V Ceramic       |
| C2601                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C2602                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C2603                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C2604                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C2605                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C2606                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C2607                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C2608                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C2609                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C2610                                | VK KYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic      |
| C2611                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C2612                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C2613                                | VCEMZ1CN107MY   | AD         |          | J             | Capacitor 100 16V Electrolytic  |
| C3301                                | RC-KZA237WJZZY  | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C3303                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C3304                                | RC-KZA237WJZZY  | AB         |          | J             | Capacitor 10 16V Ceramic        |
| C3305                                | VK KYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic       |
| C3306                                | RC-KZA237WJZZY  | AB         |          | J             | Capacitor 10 16V Ceramic        |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                 |
|--------------------------------------|----------------|------------|----------|---------------|-----------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                             |
| C3307                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3308                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3309                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C3310                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C3311                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3312                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3313                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C3314                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C3315                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3316                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3317                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C3318                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3319                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C3320                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C3321                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3322                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3323                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C3324                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3325                                | VCCCZ1HH150JY  | AB         |          | J             | Capacitor 15p 50V Ceramic   |
| C3326                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3327                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3328                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3329                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3330                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3331                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3332                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3333                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3334                                | VCCCZ1HH150JY  | AB         |          | J             | Capacitor 15p 50V Ceramic   |
| C3335                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C3336                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C3342                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C3343                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C3344                                | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic  |
| C3345                                | VCCCZ1HH101JY  | AB         |          | J             | Capacitor 100p 50V Ceramic  |
| C8101                                | VCKYCZ1HB471KY | AB         |          | J             | Capacitor 470p 50V Ceramic  |
| C8102                                | VCKYCZ1HB471KY | AB         |          | J             | Capacitor 470p 50V Ceramic  |
| C8103                                | VCCCZ1HH8R0DY  | AA         |          | J             | Capacitor 80p 50V Ceramic   |
| C8104                                | VCCCZ1HH8R0DY  | AA         |          | J             | Capacitor 80p 50V Ceramic   |
| C8105                                | RC-KZA146WJZZY | AA         |          | J             | Capacitor 1 Ceramic         |
| C8106                                | RC-KZA146WJZZY | AA         |          | J             | Capacitor 1 Ceramic         |
| C8107                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8108                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8109                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8110                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8111                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8112                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8113                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8114                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8115                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8116                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8117                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8118                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8119                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8120                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8121                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8122                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8123                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8124                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8125                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8126                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8127                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8128                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8129                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8130                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8131                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8132                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8133                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8134                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8135                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8136                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8137                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8138                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8139                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8140                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8141                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8142                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8143                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8144                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8145                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8146                                | VCKYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic  |
| C8147                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8148                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8149                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8150                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8151                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                 |
|--------------------------------------|----------------|------------|----------|---------------|-----------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                             |
| C8152                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8153                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8154                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8155                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8156                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8157                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8158                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8159                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8160                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8161                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8162                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8163                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8164                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8165                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8166                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8167                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8168                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8169                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8170                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8171                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8172                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8173                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8174                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8175                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8176                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8177                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8178                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8179                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8180                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8181                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8182                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8183                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8184                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8185                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8186                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8187                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8188                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8189                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8190                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8191                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8192                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8193                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8194                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8195                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8196                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8197                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8198                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8199                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8200                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8201                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8202                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8203                                | VCKYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic  |
| C8204                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8205                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C8206                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8207                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8208                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8209                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8210                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8211                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8212                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8214                                | VCCCCZ1HH150JY | AB         |          | J             | Capacitor 15p 50V Ceramic   |
| C8215                                | VCCCCZ1HH150JY | AB         |          | J             | Capacitor 15p 50V Ceramic   |
| C8251                                | VCKYCZ1HB471KY | AB         |          | J             | Capacitor 470p 50V Ceramic  |
| C8252                                | VCKYCZ1HB471KY | AB         |          | J             | Capacitor 470p 50V Ceramic  |
| C8253                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8254                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8255                                | VCKYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic  |
| C8256                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C8257                                | VCKYCZ1HB272KY | AA         |          | J             | Capacitor 2700p 50V Ceramic |
| C8258                                | VCKYCZ1HB471KY | AB         |          | J             | Capacitor 470p 50V Ceramic  |
| C8259                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8261                                | VCKYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic  |
| C8262                                | VCKYCZ1AB473KY | AB         |          | J             | Capacitor 0.047 10V Ceramic |
| C8263                                | VCKYCZ1HB272KY | AA         |          | J             | Capacitor 2700p 50V Ceramic |
| C8264                                | VCKYCZ1HB471KY | AB         |          | J             | Capacitor 470p 50V Ceramic  |
| C8265                                | VCKYCZ1HB102KY | AB         |          | J             | Capacitor 1000p 50V Ceramic |
| C8323                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8324                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8451                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8456                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8458                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8460                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C8605                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8606                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic   |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                 |
|--------------------------------------|----------------|------------|----------|---------------|-----------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                             |
| C8607                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8608                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8609                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8610                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8611                                | VCKYCZ1EF104ZY | AA         |          | J             | Capacitor 0.1 25V Ceramic   |
| C8701                                | VCKYCY1AB105KY | AB         |          | J             | Capacitor 1 10V Ceramic     |
| C8702                                | VCKYCZ1CB103KY | AB         |          | J             | Capacitor 0.01 16V Ceramic  |
| C8703                                | RC-KZA067WJZZY | AB         |          | J             | Capacitor 4.7 Ceramic       |
| C8704                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8705                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8706                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8707                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8708                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8709                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8710                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C8711                                | VCKYCZ1CF104ZY | AA         |          | J             | Capacitor 0.1 16V Ceramic   |
| C9101                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9102                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9103                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9104                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9105                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9106                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9107                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9108                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9301                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9601                                | VCKYCZ1EB822KY | AA         |          | J             | Capacitor 8200p 25V Ceramic |
| C9602                                | VCKYCZ1AB104KY | AB         |          | J             | Capacitor 0.1 10V Ceramic   |
| C9603                                | VCKYCZ1HB152KY | AB         |          | J             | Capacitor 1500p 50V Ceramic |
| C9604                                | VCKYCZ1EB472KY | AB         |          | J             | Capacitor 4700p 25V Ceramic |
| C9605                                | VCKYCZ1HB221KY | AA         |          | J             | Capacitor 220p 50V Ceramic  |
| C9606                                | VCKYCZ1EB822KY | AA         |          | J             | Capacitor 8200p 25V Ceramic |
| C9607                                | VCKYCZ1CB333KY | AA         |          | J             | Capacitor 0.033 16V Ceramic |
| C9608                                | VCKYCZ1CB223KY | AC         |          | J             | Capacitor 0.022 16V Ceramic |
| C9609                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C9610                                | VCCCCZ1HH101JY | AB         |          | J             | Capacitor 100p 50V Ceramic  |
| C9611                                | VCKYTV1CB105KY | AC         |          | J             | Capacitor 1 16V Ceramic     |
| C9612                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9613                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9614                                | VCKYCZ1HB222KY | AB         |          | J             | Capacitor 2200p 50V Ceramic |
| C9615                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C9616                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9617                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9618                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9619                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9620                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9621                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9622                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9623                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9624                                | VCKYCY1EB104KY | AB         |          | J             | Capacitor 0.1 25V Ceramic   |
| C9625                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9626                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9628                                | VCKYCZ1EB472KY | AB         |          | J             | Capacitor 4700p 25V Ceramic |
| C9629                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9631                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9707                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9708                                | RC-KZA114WJZZY | AB         |          | J             | Capacitor 1 25V Ceramic     |
| C9710                                | VCKYCY1AB105KY | AB         |          | J             | Capacitor 1 10V Ceramic     |
| C9711                                | VCKYCY1AB105KY | AB         |          | J             | Capacitor 1 10V Ceramic     |
| C9713                                | RC-KZA069WJZZY | AB         |          | J             | Capacitor 4.7 10V Ceramic   |
| C9714                                | VCKYCY1AB105KY | AB         |          | J             | Capacitor 1 10V Ceramic     |
| C9717                                | RC-KZA237WJZZY | AB         |          | J             | Capacitor 10 16V Ceramic    |
| C9718                                | VCKYCZ1EB103KY | AA         |          | J             | Capacitor 0.01 25V Ceramic  |
| D1303                                | VHDKDS4148/-1Y | AA         |          | J             | Diode KDS4148U-RTK/P        |
| D1304                                | VHDKDS121E+-1Y | AB         |          | J             | Diode KDS121E-RTK           |
| D1305                                | VHDKDS121E+-1Y | AB         |          | J             | Diode KDS121E-RTK           |
| D1306                                | VHPGPFM513T-1  | AH         |          | J             | Photodiode                  |
| D1307                                | VHDKDS121E+-1Y | AB         |          | J             | Diode KDS121E-RTK           |
| D1310                                | VHDKDS121E+-1Y | AB         |          | J             | Diode KDS121E-RTK           |
| D1311                                | RH-EX0264TAZZY | AB         |          | J             | Diode PDZ9.1B,115           |
| D1312                                | VHDKDS121E+-1Y | AB         |          | J             | Diode KDS121E-RTK           |
| D1313                                | VHDKDS121E+-1Y | AB         |          | J             | Diode KDS121E-RTK           |
| D1314                                | VHDKDS121E+-1Y | AB         |          | J             | Diode KDS121E-RTK           |
| D1501                                | VHD1SS355/-1Y  | AB         |          | J             | Diode 1SS355FNTE-17         |
| D1502                                | VHD1PS184+-1Y  | AB         |          | J             | Diode 1PS184,115            |
| D1503                                | VHD1PS184+-1Y  | AB         |          | J             | Diode 1PS184,115            |
| D1504                                | VHD1PS184+-1Y  | AB         |          | J             | Diode 1PS184,115            |
| D1505                                | VHD1SS352/-1Y  | AB         |          | J             | Diode 1SS352(TPH3,F)        |
| D1506                                | VHD1SS352/-1Y  | AB         |          | J             | Diode 1SS352(TPH3,F)        |
| D1507                                | RH-EX1394CEZZY | AB         |          | J             | UDZSNPTE-175.6B             |
| D1508                                | RH-EX1394CEZZY | AB         |          | J             | UDZSNPTE-175.6B             |
| D1509                                | VHD1SS226/-1Y  | AC         |          | J             | Diode 1SS226(T5L,F,T)       |
| D1510                                | VHD1SS226/-1Y  | AC         |          | J             | Diode 1SS226(T5L,F,T)       |
| D1511                                | VHD1SS352/-1Y  | AB         |          | J             | Diode 1SS352(TPH3,F)        |
| D1512                                | VHDB521S30-1Y  | AC         |          | J             | Diode RB521S-30TE61         |
| D1513                                | VHD1SS226/-1Y  | AC         |          | J             | Diode 1SS226(T5L,F,T)       |

| NO.                                  | PARTS CODE       | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION           |
|--------------------------------------|------------------|------------|----------|---------------|-----------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                  |            |          |               |                       |
| D1514                                | VHD1SS352//--1Y  | AB         |          | J             | Diode 1SS352(TPH3,F)  |
| D1515                                | VHD1SS226//--1Y  | AC         |          | J             | Diode 1SS226(T5L,F,T) |
| D1516                                | VHDM3120WA-1Y    | AD         |          | J             | Diode MAZ3120D0L      |
| D1517                                | VHDM3120WA-1Y    | AD         |          | J             | Diode MAZ3120D0L      |
| D1518                                | VHDM3120WA-1Y    | AD         |          | J             | Diode MAZ3120D0L      |
| D1520                                | VHD1SS352//--1Y  | AB         |          | J             | Diode 1SS352(TPH3,F)  |
| D1521                                | VHD1SS226//--1Y  | AC         |          | J             | Diode 1SS226(T5L,F,T) |
| D1522                                | VHD1SS226//--1Y  | AC         |          | J             | Diode 1SS226(T5L,F,T) |
| D8101                                | RH-PXA018WJZZY   | AC         |          | J             | GM1HD55200A           |
| D8102                                | RH-PXA018WJZZY   | AC         |          | J             | GM1HD55200A           |
| D9601                                | VHDLi124+++--1Y  | AC         |          | J             | Diode LI124           |
| D9602                                | RH-EX0256TAZZY   | AB         |          | J             | Zener Diode EX0256TA  |
| D9603                                | VHD1PS184+++--1Y | AB         |          | J             | Diode 1PS184,115      |
| D9604                                | VHDLi124+++--1Y  | AC         |          | J             | Diode LI124           |
| D9605                                | VHD1PS226+++--1Y | AB         |          | J             | Diode 1PS226,115      |
| D9606                                | VHDKDS4148/--1Y  | AA         |          | J             | Diode KDS4148U-RTK/P  |
| D9607                                | RH-EX0256TAZZY   | AB         |          | J             | Zener Diode EX0256TA  |
| D9701                                | VHDKDS4148/--1Y  | AA         |          | J             | Diode KDS4148U-RTK/P  |
| D9702                                | VHDKDS4148/--1Y  | AA         |          | J             | Diode KDS4148U-RTK/P  |
| D9703                                | RH-EX0253TAZZY   | AC         |          | J             | Diode PDZ3.3B,115     |
| FB1101                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB1102                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB1103                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB1401                               | RBLN-A330WJZZY   | AA         |          | J             | Balun BLN-A330WJ      |
| FB1501                               | RBLN-A074WJZZY   | AA         |          | J             | Balun BLN-A074WJ      |
| FB1502                               | RBLN-A074WJZZY   | AA         |          | J             | Balun BLN-A074WJ      |
| FB1503                               | RBLN-A074WJZZY   | AA         |          | J             | Balun BLN-A074WJ      |
| FB1504                               | RBLN-A074WJZZY   | AA         |          | J             | Balun BLN-A074WJ      |
| FB1505                               | RBLN-A204WJZZY   | AA         |          | J             | Balun BLN-A204WJ      |
| FB1506                               | RBLN-0093GEZZY   | AB         |          | J             | Balun BLN-0093GE      |
| FB1507                               | RBLN-0093GEZZY   | AB         |          | J             | Balun BLN-0093GE      |
| FB1508                               | RBLN-0093GEZZY   | AB         |          | J             | Balun BLN-0093GE      |
| FB1509                               | RBLN-A204WJZZY   | AA         |          | J             | Balun BLN-A204WJ      |
| FB1510                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB1511                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB1512                               | RBLN-A074WJZZY   | AA         |          | J             | Balun BLN-A074WJ      |
| FB1515                               | RBLN-A188WJZZY   | AA         |          | J             | Balun BLN-A188WJ      |
| FB2001                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2003                               | RBLN-A005WJZZY   | AA         |          | J             | Balun BLN-A005WJ      |
| FB2004                               | RBLN-A005WJZZY   | AA         |          | J             | Balun BLN-A005WJ      |
| FB2005                               | RBLN-A005WJZZY   | AA         |          | J             | Balun BLN-A005WJ      |
| FB2601                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2602                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2603                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2604                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2608                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2609                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2610                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2611                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2612                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2613                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2614                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2615                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB2616                               | RBLN-A011WJZZY   | AA         |          | J             | Balun BLN-A011WJ      |
| FB2617                               | RBLN-A011WJZZY   | AA         |          | J             | Balun BLN-A011WJ      |
| FB3301                               | RBLN-A188WJZZY   | AA         |          | J             | Balun BLN-A188WJ      |
| FB3303                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB3304                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB3307                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8101                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8102                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8103                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8104                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB8105                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8106                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB8107                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8108                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8109                               | RBLN-A188WJZZY   | AA         |          | J             | Balun BLN-A188WJ      |
| FB8111                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8112                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8113                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8114                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8115                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB8116                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8117                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB8701                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB9701                               | RBLN-0236TAZZY   | AA         |          | J             | Balun BLN-0236TA      |
| FB9702                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB9703                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB9704                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB9705                               | RBLN-A206WJZZY   | AA         |          | J             | Balun BLN-A206WJ      |
| FB9706                               | RBLN-A192WJZZY   | AA         |          | J             | Balun BLN-A192WJ      |
| FB9707                               | RBLN-A188WJZZY   | AA         |          | J             | Balun BLN-A188WJ      |
| FB9708                               | RBLN-A068WJZZY   | AB         |          | J             | Balun BLN-A068WJ      |
| FB9709                               | RBLN-A068WJZZY   | AB         |          | J             | Balun BLN-A068WJ      |

| NO.                                  | PARTS CODE       | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION            |
|--------------------------------------|------------------|------------|----------|---------------|------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                  |            |          |               |                        |
| FB9710                               | RBLN-A068WJZZY   | AB         |          | J             | Balun BLN-A068WJ       |
| FB9711                               | RBLN-A188WJZZY   | AA         |          | J             | Balun BLN-A188WJ       |
| FB9712                               | RBLN-A188WJZZY   | AA         |          | J             | Balun BLN-A188WJ       |
| FB9713                               | RBLN-A188WJZZY   | AA         |          | J             | Balun BLN-A188WJ       |
| IC1101                               | VHiPQ1M505M-1Y   | AD         |          | J             | IC PQ1M505M2SPQ        |
| IC1103                               | VHiBA7655AF-1Y   | AG         |          | J             | IC BA7655AF-T1         |
| IC1104                               | VHiM62332FP-1Y   | AL         |          | J             | IC M62332FPCF5J        |
| IC1105                               | VHiPQ1M505M-1Y   | AD         |          | J             | IC PQ1M505M2SPQ        |
| IC1301                               | VHiM62320FP-1Y   | AH         |          | J             | IC M62320FPDF5J        |
| IC1302                               | VHiT7SET08U1EY   | AC         |          | J             | IC TC7SET08FU(5L,JF,T  |
| IC1304                               | VHiT7SET08U1EY   | AC         |          | J             | IC TC7SET08FU(5L,JF,T  |
| IC1401                               | VHiAN5832SA-1Y   | AQ         |          | J             | IC AN5832SA-E1V        |
| IC1402                               | RH-iXB991WJQZY   | AN         |          | J             | 24LC256-I/SN-G-GW1007T |
| IC1403                               | VHiNJM4565V-1Y   | AF         |          | J             | IC NJM4565V-TE1        |
| IC1404                               | VHiAK4683EQ-1Q   | AR         |          | J             | IC AK4683EQ            |
| IC1405                               | VHiTC4052BT-1Y   | AF         |          | J             | IC TC4052BFT(EL,N,M)   |
| IC1407                               | VHiTAS3108D-1Y   | AS         |          | J             | IC TAS3108DCPR         |
| IC1408                               | VHiNJM4565V-1Y   | AF         |          | J             | IC NJM4565V-TE1        |
| IC1501                               | VHi24LC2BiN-1Y   | AF         |          | J             | IC 24LC02BT-I/SN       |
| IC1502                               | VHi24LC2BiN-1Y   | AF         |          | J             | IC 24LC02BT-I/SN       |
| IC1503                               | VHiLVC2G14G-1Y   | AD         |          | J             | IC 74LVC2G14GW,125     |
| IC1505                               | VHiBR24C21F-1Y   | AG         |          | J             | IC BR24C21F-E2         |
| IC1506                               | VHi7WH126FU-1Y   | AE         |          | J             | IC TC7WH126FU(TE12L,F) |
| IC1507                               | VHiTMS341A-1Y    | AR         |          | J             | IC TMS341APFCR         |
| IC2001                               | VHiBD5224G+-1Y   | AD         |          | J             | IC BD5224G-TR          |
| IC2002                               | RH-iXB986WJQZQ   | AT         |          | J             | M30280FAHPU5           |
| IC2003                               | VHiHC2G66DP-1Y   | AD         |          | J             | IC 74HC2G66DP,125      |
| IC2004                               | VHiBR24L08F-1Y   | AE         |          | J             | IC BR24L08F-WE2        |
| IC2005                               | VHiM62332FP-1Y   | AL         |          | J             | IC M62332FPCF5J        |
| IC2006                               | VHiAHC32PW+-1Y   | AD         | N        | J             | IC 74AHC32PW,118       |
| IC2007                               | VHiAHC1G08W-1Y   | AD         |          | J             | IC 74AHC1G08GW/G,125   |
| IC2008                               | VHi7WH126FU-1Y   | AE         |          | J             | IC TC7WH126FU(TE12L,F) |
| IC2602                               | VHiV385AGLF-1Y   | AK         |          | J             | IC ICSV385AGLFT        |
| IC3301                               | VHiPQ033DNA-1Y   | AE         |          | J             | IC PQ033DNA1ZPH        |
| IC3302                               | VHiTAR5SB25-1Y   | AD         | N        | J             | IC TAR5SB25(TE85L,F)   |
| IC3304                               | VHiMST3583M-1Q   | AZ         |          | J             | IC MST3583M-LF-110     |
| IC8101                               | RH-iXB870WJN1Q   |            | N        | J             | BCM3551KPB5G-CO        |
| IC8301                               | RH-iXB784WJQZQ   | AZ         |          | J             | K4H561638H-UCCC        |
| IC8302                               | RH-iXB784WJQZQ   | AZ         |          | J             | K4H561638H-UCCC        |
| IC8451                               | RH-iXB979WJQZY   | AM         |          | J             | IS24C08A-2GLI          |
| IC8452                               | VHiS29GL064-1Q   | AT         |          | J             | IC S29GL064A90TFIR20H  |
| IC8454                               | VHiBR24L64F-1Y   | AK         |          | J             | IC BR24L64F-WE2        |
| IC8601                               | RH-iXC189WJQZQ   |            | N        | J             | LGDT1128A              |
| IC8701                               | VHiTAR5SB33-1Y   | AD         |          | J             | IC TAR5SB33(TE85L,F)   |
| IC8702                               | VHiTC6384AF1EQ   | AW         |          | J             | IC TC6384AFG-0001(JQZ) |
| IC9101                               | RH-iXB860WJQZQ   | AR         |          | J             | EPM240T100C5N          |
| IC9301                               | VHiLV04AT+-1Y    | AD         |          | J             | IC SN74LV04APWR        |
| IC9601                               | VHiTPS40055-1Y   | AN         |          | J             | IC TPS40055PWPR        |
| IC9602                               | VHiMP2367DN-1Y   | AH         |          | J             | IC MP2367DN-LF-Z       |
| IC9603                               | VHiMP2367DN-1Y   | AH         |          | J             | IC MP2367DN-LF-Z       |
| IC9701                               | VHiPQ090DNA-1Y   | AE         |          | J             | IC PQ090DNA1ZPH        |
| IC9703                               | VHiTAR5SB33-1Y   | AD         |          | J             | IC TAR5SB33(TE85L,F)   |
| IC9705                               | VHiPQ050DNA-1Y   | AE         |          | J             | IC PQ050DNA1ZPH        |
| J1501                                | QJAKFA046WJZZ    | AC         |          | J             | Jack                   |
| J1502                                | QJAKEA073WJZZ    | AD         |          | J             | Jack                   |
| L1106                                | Rc i LQA005WJQZY | AA         |          | J             | Balun BLN-A330WJ       |
| L1107                                | VPMKMR68JR84VY   | AB         |          | J             | Coil Peaking 0.68μH    |
| L1301                                | VPCEM100MR70NY   | AC         |          | J             | Coil Peaking 10μH      |
| L1401                                | VPCBM470K2R4NY   | AC         |          | J             | Coil Peaking 47μH      |
| L1505                                | VPD9M100KR86NY   | AC         |          | J             | Coil Peaking 10μH      |
| L1506                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L1507                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L1508                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L1509                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L1510                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L1511                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L1512                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L1513                                | Rc i LFA235WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L2201                                | VPD9M220J2R7NY   | AC         |          | J             | Coil Peaking 22μH      |
| L2202                                | VPD9M220J2R7NY   | AC         |          | J             | Coil Peaking 22μH      |
| L2203                                | VPD9M220J2R7NY   | AC         |          | J             | Coil Peaking 22μH      |
| L2204                                | VPMKMR56JR70VY   | AB         |          | J             | Coil Peaking 0.56μH    |
| L2205                                | VPMKMR56JR70VY   | AB         |          | J             | Coil Peaking 0.56μH    |
| L2206                                | VPMKMR56JR70VY   | AB         |          | J             | Coil Peaking 0.56μH    |
| L2601                                | Rc i LFA071WJZZY | AD         |          | J             | Balun BLN-A330WJ       |
| L2602                                | Rc i LFA071WJZZY | AD         |          | J             | Balun BLN-A330WJ       |
| L2603                                | Rc i LFA071WJZZY | AD         |          | J             | Balun BLN-A330WJ       |
| L2604                                | Rc i LFA071WJZZY | AD         |          | J             | Balun BLN-A330WJ       |
| L2605                                | Rc i LFA071WJZZY | AD         |          | J             | Balun BLN-A330WJ       |
| L8101                                | VPMKM2R7JR77VY   | AB         |          | J             | Coil Peaking 2.7μH     |
| L9601                                | Rc i LPA761WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| L9602                                | Rc i LCA029WJZZY | AD         |          | J             | Balun BLN-A330WJ       |
| L9603                                | Rc i LPA761WJQZY | AD         |          | J             | Balun BLN-A330WJ       |
| LUG1101                              | QLUGHA006WJZZY   | AC         |          | J             | Lug                    |
| LUG1102                              | QLUGHA006WJZZY   | AC         |          | J             | Lug                    |

| NO.                                  | PARTS CODE      | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|-----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                 |            |          |               |                                 |
| LUG1104                              | QLUGHA006WJZZY  | AC         |          | J             | Lug                             |
| LUG1105                              | QLUGHA006WJZZY  | AC         |          | J             | Lug                             |
| LUG1106                              | QLUGHA006WJZZY  | AC         |          | J             | Lug                             |
| P1103                                | QPLGNA341WJZZY  | AD         |          | J             | Plug, 7pin                      |
| P2002                                | QPLGNA173WJZZY  | AD         |          | J             | Plug, 4pin(KM)                  |
| P2601                                | QPLGNA493WJZZY  | AM         |          | J             | Plug, 32pin(LV)                 |
| P2602                                | QPLGNA327WJZZY  | AC         |          | J             | Plug, 7pin(SH)                  |
| P2603                                | QPLGNA173WJZZY  | AD         |          | J             | Plug, 4pin(LB)                  |
| P9005                                | QPLGNA160WJZZY  | AD         |          | J             | Plug, 4pin(BUS CONN)            |
| P9201                                | QPLGNA412WJZZY  | AG         |          | J             | Plug, 20pin(Model Detect)       |
| P9301                                | QCNCWA562WJQZY  | AF         |          | J             | Connector, 60pin(to PC Card)    |
| P9701                                | QPLGNA181WJZZY  | AF         |          | J             | Plug, 12pin(PE)                 |
| P9702                                | QPLGNA175WJZZY  | AE         |          | J             | Plug, 6pin(PD)                  |
| Q1102                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q1103                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q1301                                | VSKRC404E+-1Y   | AB         |          | J             | Transistor KRC404E              |
| Q1304                                | VSKRC404E+-1Y   | AB         |          | J             | Transistor KRC404E              |
| Q1305                                | VSKRC404E+-1Y   | AB         |          | J             | Transistor KRC404E              |
| Q1307                                | VS2SA1530AR-1Y  | AB         |          | J             | Transistor 2SA1530A-T112-1R     |
| Q1309                                | VSKTC3875SG-1Y  | AB         |          | J             | Transistor KTC3875SG            |
| Q1312                                | VSKRC404E+-1Y   | AB         |          | J             | Transistor KRC404E              |
| Q1313                                | VSKRC231S+-1Y   | AB         |          | J             | Transistor KRC231S-RTK/P        |
| Q1314                                | VSKRC231S+-1Y   | AB         |          | J             | Transistor KRC231S-RTK/P        |
| Q1401                                | VSRN1903///-1Y  | AB         |          | J             | RN1903(TE85L,F)                 |
| Q1402                                | VSRN1903///-1Y  | AB         |          | J             | RN1903(TE85L,F)                 |
| Q1501                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q1502                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q1503                                | VSUM6K1NTN+-1Y  | AC         |          | J             | Transistor UM6K1N TN            |
| Q1504                                | VSUM6K1NTN+-1Y  | AC         |          | J             | Transistor UM6K1N TN            |
| Q1505                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q1506                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q1507                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q1508                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q1509                                | VS2SC2735///-1Y | AB         |          | J             | Transistor 2SC2735JC21TL        |
| Q1510                                | VS2SC2735///-1Y | AB         |          | J             | Transistor 2SC2735JC21TL        |
| Q1511                                | VS2SC2735///-1Y | AB         |          | J             | Transistor 2SC2735JC21TL        |
| Q1514                                | VS iMD2A///-1Y  | AC         |          | J             | Transistor IMD2AT108            |
| Q1515                                | VS iMD2A///-1Y  | AC         |          | J             | Transistor IMD2AT108            |
| Q1524                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q1525                                | VSKTA1535T+-1Y  | AC         |          | J             | Transistor KTA1535T-RTK/P       |
| Q2002                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q2003                                | VSRT1P141U/-1Y  | AB         |          | J             | Transistor RT1P141U-T111-1      |
| Q2006                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q2007                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q2201                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q2202                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q2203                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q2204                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q2205                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q2206                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q2207                                | VS2SA1530AR-1Y  | AB         |          | J             | Transistor 2SA1530A-T112-1R     |
| Q2208                                | VS2SA1530AR-1Y  | AB         |          | J             | Transistor 2SA1530A-T112-1R     |
| Q2209                                | VS2SA1530AR-1Y  | AB         |          | J             | Transistor 2SA1530A-T112-1R     |
| Q2210                                | VS2SA1530AR-1Y  | AB         |          | J             | Transistor 2SA1530A-T112-1R     |
| Q2211                                | VS2SA1530AR-1Y  | AB         |          | J             | Transistor 2SA1530A-T112-1R     |
| Q2212                                | VS2SA1530AR-1Y  | AB         |          | J             | Transistor 2SA1530A-T112-1R     |
| Q2213                                | VS2SC3928AR-1Y  | AB         |          | J             | Transistor 2SC3928A-T112-1R     |
| Q9601                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q9602                                | VSSP8K2++++-1Y  | AE         |          | J             | Transistor SP8K2TB              |
| Q9603                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q9604                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q9606                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q9701                                | VSRT1N141U/-1Y  | AB         |          | J             | Transistor RT1N141U-T111-1      |
| Q9702                                | VSRT1P141U/-1Y  | AB         |          | J             | Transistor RT1P141U-T111-1      |
| Q9705                                | VS2SC5383F/-1Y  | AB         |          | J             | Transistor 2SC5383-T111-1F      |
| R1101                                | VRS-CZ1JF822JY  | AA         |          | J             | Resistor 8.2k 1/16W Metal Oxide |
| R1105                                | VRS-CZ1JF470JY  | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R1106                                | VRS-CZ1JF331JY  | AA         |          | J             | Resistor 330 1/16W Metal Oxide  |
| R1107                                | VRS-CZ1JF332FY  | AA         |          | J             | Resistor 3.3k 1/16W Metal Oxide |
| R1108                                | VRS-CZ1JF822JY  | AA         |          | J             | Resistor 8.2k 1/16W Metal Oxide |
| R1110                                | VRS-CZ1JF683JY  | AA         |          | J             | Resistor 68k 1/16W Metal Oxide  |
| R1111                                | VRS-CZ1JF470JY  | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R1122                                | VRS-CZ1JF101JY  | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1125                                | VRS-CZ1JF101JY  | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1127                                | VRS-CZ1JF222JY  | AA         |          | J             | Resistor 2.2k 1/16W Metal Oxide |
| R1129                                | VRS-CZ1JF123FY  | AA         |          | J             | Resistor 12k 1/16W Metal Oxide  |
| R1130                                | VRS-CZ1JF392JY  | AA         |          | J             | Resistor 3.9k 1/16W Metal Oxide |
| R1131                                | VRS-CZ1JF101JY  | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1132                                | VRS-CZ1JF272FY  | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R1133                                | VRS-CZ1JF182JY  | AA         |          | J             | Resistor 1.8k 1/16W Metal Oxide |
| R1135                                | VRS-CZ1JF332FY  | AA         |          | J             | Resistor 3.3k 1/16W Metal Oxide |
| R1136                                | VRS-CJ1JF470JY  | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R1165                                | VRS-CZ1JF101JY  | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1171                                | VRS-CZ1JF392FY  | AA         |          | J             | Resistor 3.9k 1/16W Metal Oxide |
| R1172                                | VRS-CZ1JF202FY  | AA         |          | J             | Resistor 2k 1/16W Metal Oxide   |



| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                          |
|--------------------------------------|----------------|------------|----------|---------------|--------------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                      |
| R1196                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide       |
| R1301                                | VRS-CJ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide        |
| R1302                                | VRK-SB1FF223JY | AA         |          | J             | Resistor 22k 1/32W Metal Composition |
| R1303                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide       |
| R1304                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1305                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide       |
| R1306                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1307                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1308                                | VRS-CZ1JF222JY | AA         |          | J             | Resistor 2.2k 1/16W Metal Oxide      |
| R1309                                | VRS-CJ1JF473JY | AB         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1310                                | VRS-CJ1JF473JY | AB         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1311                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide        |
| R1314                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1315                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide       |
| R1317                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1318                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1322                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1323                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide       |
| R1324                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide      |
| R1329                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1330                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1333                                | VRS-CZ1JF223FY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide       |
| R1335                                | VRS-CZ1JF562JY | AA         |          | J             | Resistor 5.6k 1/16W Metal Oxide      |
| R1337                                | VRS-CZ1JF562JY | AA         |          | J             | Resistor 5.6k 1/16W Metal Oxide      |
| R1338                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide      |
| R1340                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide         |
| R1341                                | VRS-CZ1JF153JY | AA         |          | J             | Resistor 15k 1/16W Metal Oxide       |
| R1404                                | VRS-CZ1JF184JY | AA         |          | J             | Resistor 180k 1/16W Metal Oxide      |
| R1405                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide       |
| R1406                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide       |
| R1407                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1408                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide       |
| R1409                                | VRS-CJ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide      |
| R1410                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide       |
| R1411                                | VRS-CZ1JF332FY | AA         |          | J             | Resistor 3.3k 1/16W Metal Oxide      |
| R1413                                | VRS-CZ1JF3R3JY | AA         |          | J             | Resistor 3.3 1/16W Metal Oxide       |
| R1414                                | VRS-CJ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide        |
| R1415                                | VRS-CJ1JF473JY | AB         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1416                                | VRK-SB1FF220JY | AA         |          | J             | Resistor 22 1/32W Metal Composition  |
| R1417                                | VRS-CZ1JF4R7JY | AA         |          | J             | Resistor 4.7 1/16W Metal Oxide       |
| R1420                                | VRS-CZ1JF123FY | AA         |          | J             | Resistor 12k 1/16W Metal Oxide       |
| R1421                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide        |
| R1422                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1423                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1424                                | VRS-CZ1JF4R7JY | AA         |          | J             | Resistor 4.7 1/16W Metal Oxide       |
| R1425                                | VRK-SB1FF223JY | AA         |          | J             | Resistor 22k 1/32W Metal Composition |
| R1426                                | VRK-SB1FF220JY | AA         |          | J             | Resistor 22 1/32W Metal Composition  |
| R1427                                | VRS-CZ1JF222FY | AA         |          | J             | Resistor 2.2k 1/16W Metal Oxide      |
| R1428                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1429                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide        |
| R1430                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1431                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1432                                | VRS-CZ1JF101FY | AA         |          | J             | Resistor 100 1/16W Metal Oxide       |
| R1433                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1434                                | VRS-CJ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide        |
| R1435                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1436                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1437                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1438                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1439                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1440                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1441                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide         |
| R1442                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1443                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1445                                | VRS-CJ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide        |
| R1446                                | VRS-CZ1JF4R7JY | AA         |          | J             | Resistor 4.7 1/16W Metal Oxide       |
| R1447                                | VRS-TQ2EF150JY | AA         |          | J             | Resistor 15 1/4W Metal Oxide         |
| R1448                                | VRS-TQ2EF150JY | AA         |          | J             | Resistor 15 1/4W Metal Oxide         |
| R1449                                | VRS-CZ1JF243FY | AA         |          | J             | Resistor 24k 1/16W Metal Oxide       |
| R1450                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1451                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1452                                | VRS-CZ1JF223FY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide       |
| R1453                                | VRS-CZ1JF243FY | AA         |          | J             | Resistor 24k 1/16W Metal Oxide       |
| R1454                                | VRS-CZ1JF4R7JY | AA         |          | J             | Resistor 4.7 1/16W Metal Oxide       |
| R1455                                | VRS-CZ1JF223FY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide       |
| R1456                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1457                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide       |
| R1458                                | VRS-CZ1JF221JY | AA         |          | J             | Resistor 220 1/16W Metal Oxide       |
| R1460                                | VRS-CZ1JF221JY | AA         |          | J             | Resistor 220 1/16W Metal Oxide       |
| R1461                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide      |
| R1462                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide        |
| R1463                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide      |
| R1464                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide      |
| R1465                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |
| R1466                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide        |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                 |
| R1467                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R1469                                | VRS-CZ1JF101FY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1470                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R1472                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1501                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1503                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1504                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1505                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1506                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1507                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1508                                | VRS-CZ1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R1509                                | VRS-CZ1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R1510                                | VRS-CZ1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R1512                                | VRS-CZ1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R1514                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1515                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1516                                | VRS-CZ1JF103FY | AB         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1517                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1518                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1520                                | VRS-CZ1JF103FY | AB         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1525                                | VRS-CZ1JF222JY | AA         |          | J             | Resistor 2.2k 1/16W Metal Oxide |
| R1526                                | VRS-CZ1JF222JY | AA         |          | J             | Resistor 2.2k 1/16W Metal Oxide |
| R1527                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1528                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1529                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1530                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R1532                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1533                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1534                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1535                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1536                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1537                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1538                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1539                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1540                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1542                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1543                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1545                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1546                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1547                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1548                                | VRS-CZ1JF561JY | AA         |          | J             | Resistor 560 1/16W Metal Oxide  |
| R1549                                | VRS-CZ1JF561JY | AA         |          | J             | Resistor 560 1/16W Metal Oxide  |
| R1550                                | VRS-CZ1JF561JY | AA         |          | J             | Resistor 560 1/16W Metal Oxide  |
| R1551                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1552                                | VRS-TV1JD750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R1553                                | VRS-TV1JD750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R1554                                | VRS-TV1JD750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R1555                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1556                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1557                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1559                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1561                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R1562                                | VRS-CZ1JF562JY | AA         |          | J             | Resistor 5.6k 1/16W Metal Oxide |
| R1563                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1564                                | VRS-CZ1JF562JY | AA         |          | J             | Resistor 5.6k 1/16W Metal Oxide |
| R1565                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1566                                | VRS-CZ1JF562JY | AA         |          | J             | Resistor 5.6k 1/16W Metal Oxide |
| R1567                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1568                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1569                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1570                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R1571                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R1572                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1573                                | VRS-TQ2BD561JY | AA         |          | J             | Resistor 560 1/8W Metal Oxide   |
| R1574                                | VRS-TQ2BD561JY | AA         |          | J             | Resistor 560 1/8W Metal Oxide   |
| R1575                                | VRS-TQ2BD561JY | AA         |          | J             | Resistor 560 1/8W Metal Oxide   |
| R1577                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R1578                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R1579                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R1580                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1586                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1587                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1588                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R1589                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1593                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1594                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1595                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1597                                | VRS-CZ1JF103FY | AB         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1599                                | VRS-CZ1JF331JY | AA         |          | J             | Resistor 330 1/16W Metal Oxide  |
| R1601                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1604                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1605                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1606                                | RR-SZA031WJZZY | AA         |          | J             | RESISTOR                        |
| R1607                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1608                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                 |
| R1611                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R1616                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R1618                                | VRS-CH1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1632                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R1636                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R2001                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2002                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R2003                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2004                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2005                                | VRS-CZ1JF272FY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R2006                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R2007                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R2008                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2009                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2010                                | VRS-CJ1JF333JY | AA         |          | J             | Resistor 33k 1/16W Metal Oxide  |
| R2011                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R2016                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2019                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2023                                | VRS-CZ1JF393FY | AA         |          | J             | Resistor 39k 1/16W Metal Oxide  |
| R2024                                | VRS-CZ1JF102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2025                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2026                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2029                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2031                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2032                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R2033                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2034                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2035                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R2037                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R2038                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R2042                                | VRS-CH1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2044                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2045                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2047                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2048                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R2049                                | VRS-CZ1JF272FY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R2050                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2051                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2052                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2053                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2054                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2055                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2056                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2057                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2059                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R2060                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2061                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2062                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2063                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2064                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2065                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2067                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2068                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2069                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R2070                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2071                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R2076                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2201                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2202                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2203                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2204                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2209                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2210                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2213                                | VRS-TV1JD102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2214                                | VRS-TV1JD102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2215                                | VRS-TV1JD102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2216                                | VRS-TV1JD102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2217                                | VRS-TV1JD911FY | AA         |          | J             | Resistor 910 1/16W Metal Oxide  |
| R2218                                | VRS-TV1JD911FY | AA         |          | J             | Resistor 910 1/16W Metal Oxide  |
| R2219                                | VRS-TV1JD911FY | AA         |          | J             | Resistor 910 1/16W Metal Oxide  |
| R2220                                | VRS-TV1JD102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2221                                | VRS-TV1JD102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2222                                | VRS-TV1JD102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2223                                | VRS-TV1JD102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2224                                | VRS-TV1JD102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2225                                | VRS-CZ1JF682JY | AA         |          | J             | Resistor 6.8k 1/16W Metal Oxide |
| R2231                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2232                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2233                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2234                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2235                                | VRS-TV1JD101FY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2236                                | VRS-TV1JD101FY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2237                                | VRS-TV1JD101FY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2240                                | VRS-TV1JD102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2241                                | VRS-TV1JD102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                 |
| R2242                                | VRS-TV1JD102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2244                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2245                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2246                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2247                                | VRS-CZ1JF750JY | AA         |          | J             | Resistor 75 1/16W Metal Oxide   |
| R2248                                | VRS-CZ1JF122JY | AA         |          | J             | Resistor 1.2k 1/16W Metal Oxide |
| R2249                                | VRS-CZ1JF682JY | AA         |          | J             | Resistor 6.8k 1/16W Metal Oxide |
| R2250                                | VRS-TV1JD102FY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R2604                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R2611                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R2612                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R2613                                | VRS-CH1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R2614                                | VRS-CH1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R2615                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R2617                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2618                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2619                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2620                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2621                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2622                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2625                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R2626                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2627                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2629                                | VRS-CK1JJ000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2630                                | VRS-CK1JJ000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R2631                                | VRS-CK1JJ000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R3301                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R3302                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R3303                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R3304                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R3309                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3310                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3311                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3312                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3314                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3316                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3317                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3318                                | VRS-CZ1JF391FY | AA         |          | J             | Resistor 390 1/16W Metal Oxide  |
| R3319                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R3321                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R3322                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R3325                                | VRS-CK1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R3326                                | VRS-CK1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R3328                                | VRS-CZ1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R3329                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R3330                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R3331                                | VRS-CK1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R3332                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R3333                                | VRS-CZ1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R3334                                | VRS-CZ1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R3335                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R3336                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R3337                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R3338                                | VRS-CZ1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R8101                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8103                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8104                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8105                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8106                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8107                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8108                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8109                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8110                                | VRS-CY1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8111                                | VRS-CY1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8112                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8114                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8115                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8116                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8118                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8120                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8122                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8124                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8126                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8127                                | VRS-CZ1JF472FY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R8128                                | VRS-CZ1JF472FY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R8129                                | VRS-CZ1JF472FY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R8130                                | VRS-CZ1JF472FY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R8131                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8132                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8133                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8134                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8135                                | VRS-CZ1JF680JY | AB         |          | J             | Resistor 68 1/16W Metal Oxide   |
| R8136                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8140                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8141                                | VRS-CZ1JF561JY | AA         |          | J             | Resistor 560 1/16W Metal Oxide  |

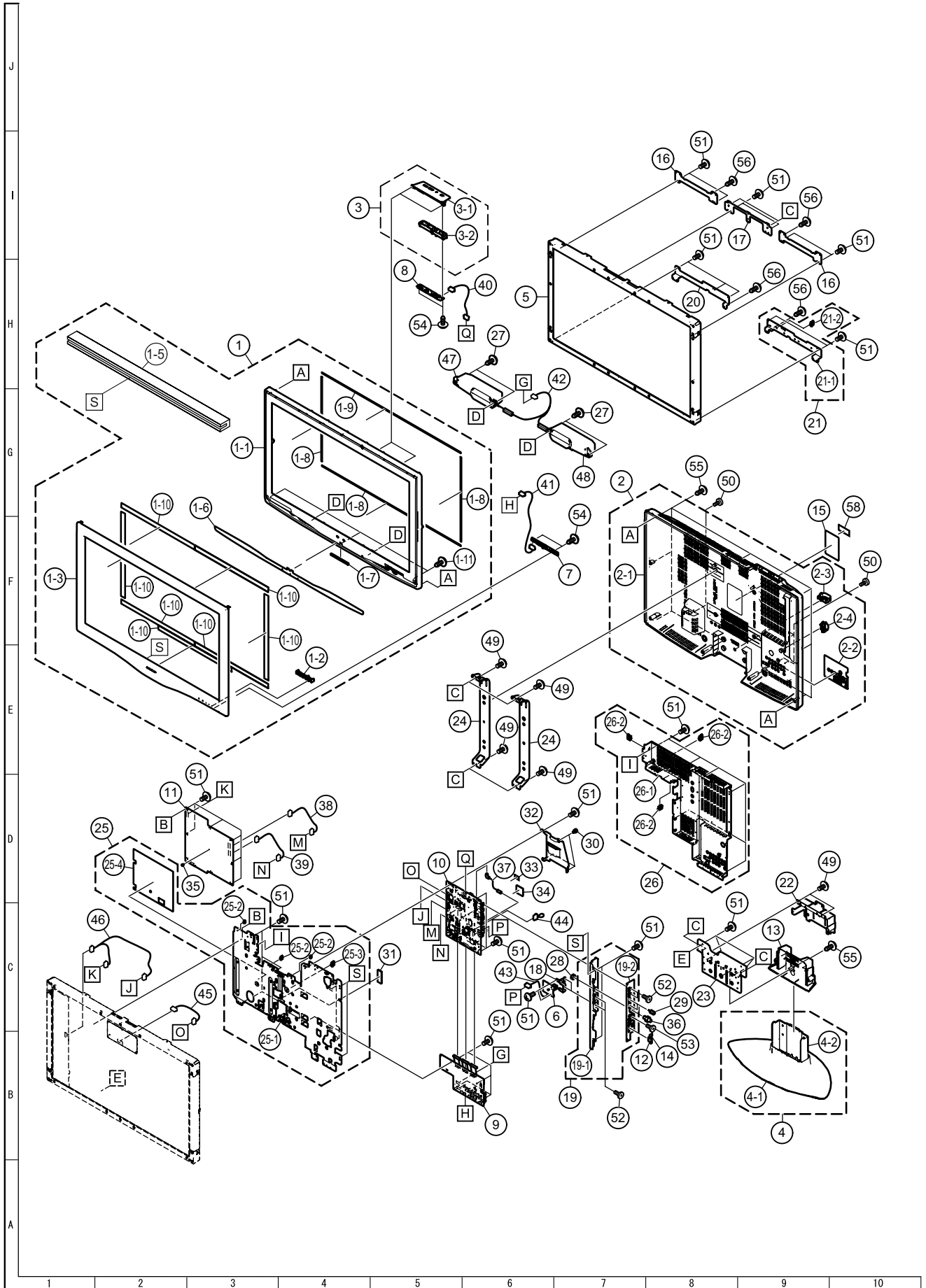
| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                 |
| R8142                                | VRS-CZ1JF471JY | AA         |          | J             | Resistor 470 1/16W Metal Oxide  |
| R8144                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8145                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R8146                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R8147                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8148                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8149                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8150                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8151                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8152                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8153                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8154                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8155                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8156                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8157                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8158                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8159                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8160                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8161                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8162                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8163                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8164                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8165                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8166                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8167                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8168                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8169                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8170                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8171                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8172                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8173                                | VRS-CH1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8174                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8175                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8176                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8177                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8178                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8179                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8182                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8183                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R8184                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R8186                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8187                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8188                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8189                                | VRS-CZ1JF155JY | AA         |          | J             | Resistor 1.5M 1/16W Metal Oxide |
| R8190                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8191                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8192                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8193                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8194                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8195                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8196                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8197                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8198                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8199                                | VRS-CK1JJ470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8200                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8201                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8202                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8204                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8208                                | VRS-CZ1JF331FY | AA         |          | J             | Resistor 330 1/16W Metal Oxide  |
| R8209                                | VRS-CZ1JF331FY | AA         |          | J             | Resistor 330 1/16W Metal Oxide  |
| R8210                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8212                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8213                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8214                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8216                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R8222                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R8223                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8251                                | VRS-CZ1JF560DY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8252                                | VRS-CZ1JF560DY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8253                                | VRS-CZ1JF560DY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8254                                | VRS-CZ1JF560DY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8301                                | VRS-CH1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8302                                | VRS-CH1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8304                                | VRS-CH1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8305                                | VRS-CH1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8306                                | VRS-CH1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8310                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8311                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8312                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8313                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8314                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8315                                | VRS-CZ1JF220JY | AA         |          | J             | Resistor 22 1/16W Metal Oxide   |
| R8327                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8328                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8329                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                 |
| R8330                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8331                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8332                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8333                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8334                                | VRS-CH1JF560JY | AA         |          | J             | Resistor 56 1/16W Metal Oxide   |
| R8456                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8457                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8470                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8474                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8475                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R8611                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R8612                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R8613                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R8614                                | VRS-CZ1JF100JY | AA         |          | J             | Resistor 10 1/16W Metal Oxide   |
| R8615                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8616                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8617                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8618                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8619                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8703                                | VRS-CZ1JF563JY | AA         |          | J             | Resistor 56k 1/16W Metal Oxide  |
| R8704                                | VRS-CZ1JF563JY | AA         |          | J             | Resistor 56k 1/16W Metal Oxide  |
| R8705                                | VRS-CH1JF563JY | AA         |          | J             | Resistor 56k 1/16W Metal Oxide  |
| R8706                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R8707                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8708                                | VRS-CH1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R8710                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8711                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R8712                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8713                                | VRS-CH1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R8714                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8715                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8716                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8717                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8718                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8719                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8720                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8721                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8722                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8723                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8724                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8725                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R8726                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R8727                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9003                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R9008                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R9009                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R9010                                | VRS-CZ1JF182JY | AA         |          | J             | Resistor 1.8k 1/16W Metal Oxide |
| R9011                                | VRS-CZ1JF182JY | AA         |          | J             | Resistor 1.8k 1/16W Metal Oxide |
| R9012                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9013                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9014                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9015                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9016                                | VRS-CZ1JF000JY | AA         |          | J             | Resistor 0 1/16W Metal Oxide    |
| R9018                                | VRS-CZ1JF272JY | AA         |          | J             | Resistor 2.7k 1/16W Metal Oxide |
| R9019                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9032                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9033                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9034                                | VRS-CZ1JF152JY | AA         |          | J             | Resistor 1.5k 1/16W Metal Oxide |
| R9035                                | VRS-CZ1JF152JY | AA         |          | J             | Resistor 1.5k 1/16W Metal Oxide |
| R9101                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9102                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9103                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9104                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9105                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9106                                | VRS-CH1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9108                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9109                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9110                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9111                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9113                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9114                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9115                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9116                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9117                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9122                                | VRS-CZ1JF470JY | AA         |          | J             | Resistor 47 1/16W Metal Oxide   |
| R9124                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9130                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9211                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9213                                | VRS-CH1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9214                                | VRS-CH1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9215                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9216                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9217                                | VRS-CH1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9218                                | VRS-CJ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9219                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                     |
|--------------------------------------|----------------|------------|----------|---------------|---------------------------------|
| <b>[4] DUNTKE285FM01 (MAIN Unit)</b> |                |            |          |               |                                 |
| R9302                                | VRS-CH1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9303                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9304                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9305                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9306                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9313                                | VRS-CZ1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R9315                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9316                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9317                                | VRS-CH1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9324                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9325                                | VRS-CZ1JF820JY | AA         |          | J             | Resistor 82 1/16W Metal Oxide   |
| R9327                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R9328                                | VRS-CZ1JF330JY | AA         |          | J             | Resistor 33 1/16W Metal Oxide   |
| R9330                                | VRS-CZ1JF820JY | AA         |          | J             | Resistor 82 1/16W Metal Oxide   |
| R9601                                | VRS-CZ1JF184JY | AA         |          | J             | Resistor 180k 1/16W Metal Oxide |
| R9602                                | VRS-CZ1JF153FY | AA         |          | J             | Resistor 15k 1/16W Metal Oxide  |
| R9603                                | VRS-CZ1JF682JY | AA         |          | J             | Resistor 6.8k 1/16W Metal Oxide |
| R9604                                | VRS-CZ1JF224JY | AA         |          | J             | Resistor 220k 1/16W Metal Oxide |
| R9605                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9606                                | VRS-CZ1JF473JY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R9607                                | VRS-CZ1JF221JY | AA         |          | J             | Resistor 220 1/16W Metal Oxide  |
| R9608                                | VRS-CZ1JF103FY | AB         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9609                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9610                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9611                                | VRS-CZ1JF273FY | AA         |          | J             | Resistor 27k 1/16W Metal Oxide  |
| R9612                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9613                                | VRS-CZ1JF123JY | AA         |          | J             | Resistor 12k 1/16W Metal Oxide  |
| R9615                                | VRS-CZ1JF1R0JY | AA         |          | J             | Resistor 1 1/16W Metal Oxide    |
| R9616                                | VRS-CZ1JF103FY | AB         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9617                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R9618                                | VRS-CZ1JF223FY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R9619                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9620                                | VRS-CZ1JF681JY | AA         |          | J             | Resistor 680 1/16W Metal Oxide  |
| R9621                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9622                                | VRS-CZ1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R9623                                | VRS-CZ1JF104JY | AA         |          | J             | Resistor 100k 1/16W Metal Oxide |
| R9624                                | VRS-CZ1JF101JY | AA         |          | J             | Resistor 100 1/16W Metal Oxide  |
| R9625                                | VRS-CZ1JF103FY | AB         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9626                                | VRS-CZ1JF103JY | AA         |          | J             | Resistor 10k 1/16W Metal Oxide  |
| R9627                                | VRS-CZ1JF223JY | AA         |          | J             | Resistor 22k 1/16W Metal Oxide  |
| R9628                                | VRS-CZ1JF1R0JY | AA         |          | J             | Resistor 1 1/16W Metal Oxide    |
| R9701                                | VRS-CZ1JF273FY | AA         |          | J             | Resistor 27k 1/16W Metal Oxide  |
| R9702                                | VRS-CZ1JF473FY | AA         |          | J             | Resistor 47k 1/16W Metal Oxide  |
| R9704                                | VRS-CZ1JF472JY | AA         |          | J             | Resistor 4.7k 1/16W Metal Oxide |
| R9705                                | VRS-CZ1JF102JY | AA         |          | J             | Resistor 1k 1/16W Metal Oxide   |
| R9712                                | VRS-CZ1JF392JY | AA         |          | J             | Resistor 3.9k 1/16W Metal Oxide |
| R9714                                | VRS-CZ1JF183FY | AA         |          | J             | Resistor 18k 1/16W Metal Oxide  |
| R9715                                | VRS-CZ1JF333JY | AA         |          | J             | Resistor 33k 1/16W Metal Oxide  |
| SC1101                               | QCNCWA251WJZZY | AH         |          | J             | Connector, 23pin(FC)            |
| SC1102                               | QCNCWA251WJZZY | AH         |          | J             | Connector, 23pin(MA)            |
| SC1301                               | QCNCWA251WJZZY | AH         |          | J             | Connector, 23pin(SA)            |
| SC1501                               | QSOCZA072WJZZQ | AH         |          | J             | Socket, 23pin(TMDS Input 3)     |
| SC1502                               | QSOCZA072WJZZQ | AH         |          | J             | Socket, 23pin(TMDS Input 2)     |
| SC1503                               | QSOCNA004WJZZ  | AG         |          | J             | Socket, 17pin                   |
| SC8701                               | QSOCZA050WJZZY | AH         |          | J             | Socket, 12pin(SD Card Socket)   |
| TH2001                               | VHHM1103J03-1Y | AC         |          | J             | Thermistor                      |
| TU1101                               | RTUDAA018WJQZ  | BA         |          | J             | Tuner                           |
| X1401                                | RCRSCA045WJZZY | AG         |          | J             | Crystal                         |
| X1402                                | RCRSCA045WJZZY | AG         |          | J             | Crystal 12.288MHz               |
| X2002                                | RFILZA023WJQZY | AD         |          | J             | Filter                          |
| X3301                                | RCRSC0170TAZZY | AG         |          | J             | Crystal                         |
| X8101                                | RCRSCA167WJQZY | AG         |          | J             | Crystal 54MHz                   |

△

[5] CABINET PARTS (LC-32HT3U)



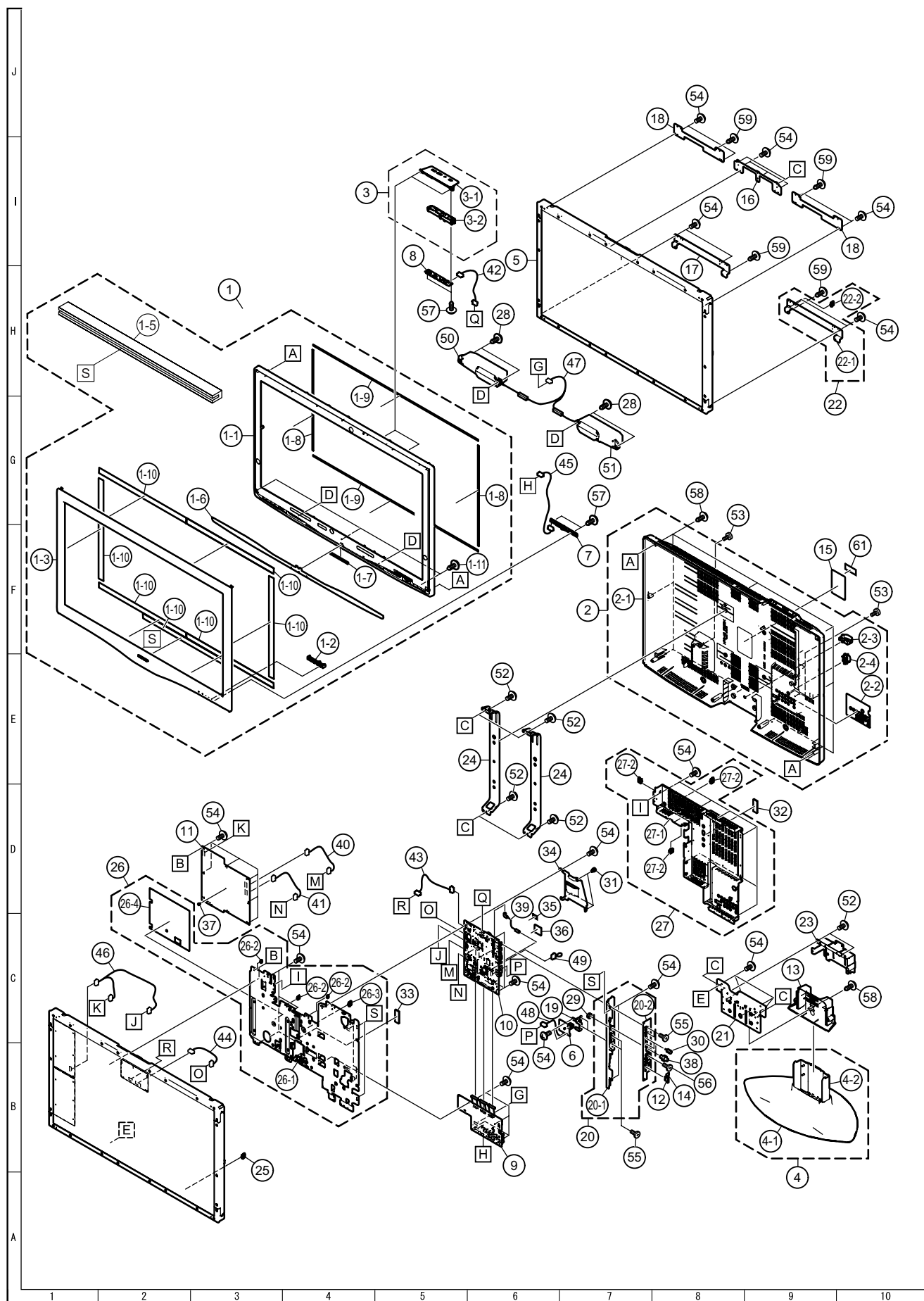


| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                        |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------------|
| <b>[5] CABINET PARTS (LC-32HT3U)</b> |                |            |          |               |                                    |
| 1                                    | CCABAB612WJ05  |            | N        | X             | Front Cabinet Ass'y                |
| 1-1                                  | Not Available  | -          |          | -             | Front Cabinet                      |
| 1-2                                  | Not Available  | -          |          | -             | LED Cover                          |
| 1-3                                  | Not Available  | -          |          | -             | Front Cover                        |
| 1-5                                  | HDECSA014WJSA  |            |          | X             | Shine Trim                         |
| 1-6                                  | HPNLSA100WJSB  |            | N        | X             | Speaker Net                        |
| 1-7                                  | Not Available  | -          |          | -             | Spacer                             |
| 1-8                                  | PSPAHB081WJZZ  |            |          | X             | Mask Himelon, x2                   |
| 1-9                                  | PSPAHB082WJZZ  |            |          | X             | Mask Himelon, x2                   |
| 1-10                                 | Not Available  | -          |          | -             | Double Side Tape, x7               |
| 1-11                                 | XEPS730P08WS0  | AA         |          | J             | Screw (Front Cover), x3            |
| 2                                    | CCABBA950WJ01  |            | N        | X             | Rear Cabinet Ass'y                 |
| 2-1                                  | Not Available  | -          |          | -             | Rear Cabinet                       |
| 2-2                                  | HINDPC014WJSA  |            | N        | X             | Terminal Label                     |
| 2-3                                  | LHLDWA055WJKZ  | AC         |          | J             | Wire Holder (POW-CABLE)            |
| 2-4                                  | LHLDWA057WJKZ  | AE         |          | J             | Wire Holder                        |
| 2-5                                  | PSPAHB078WJZZ  |            | N        | X             | Spacer (Speaker), x6               |
| 3                                    | CCOVAB929WJ01  |            |          | X             | Top Cover Ass'y                    |
| 3-1                                  | Not Available  | -          |          | -             | Top Control Cover                  |
| 3-2                                  | JBTN-A614WJKA  |            |          | X             | Button, Control                    |
| 4                                    | CDAI-A332WJ02  |            |          | X             | Stand Ass'y                        |
| 4-1                                  | Not Available  | -          |          | -             | Stand Base                         |
| 4-2                                  | GDAI-A333WJSA  |            | N        | X             | Stand Supprt                       |
| 5                                    | R1LK315T3LF21  | DV         |          | J             | 32" LCD Panel Module               |
| 6                                    | DUNTKD537FM03  |            | N        | R             | DIGITAL MINI PWB Unit              |
| 7                                    | DUNTKD909FM02  |            | N        | X             | R/C, LED Unit                      |
| 8                                    | DUNTKD910FM02  |            | N        | X             | KEY Unit                           |
| 9                                    | DUNTKD999FM04  |            | N        | X             | AV TERMINAL Unit                   |
| 10                                   | DUNTKE285FM01  |            | N        | R             | MAIN Unit                          |
| 11                                   | RDENCA198WJQZ  |            |          | X             | POWER Unit (Unit Replacement Item) |
| 12                                   | GCOVAA678WJKA  | AE         |          | J             | SD Card Cover                      |
| 13                                   | GCOVAB931WJKA  |            |          | X             | Stand Assist Cover                 |
| 14                                   | HINDPB715WJSA  |            |          | X             | Terminal Label                     |
| 15                                   | HINDPC429WJSA  |            | N        | X             | Model Label                        |
| 16                                   | LANGHA052WJFW  |            |          | X             | Rug Angle (Top), x2                |
| 17                                   | LANGHA071WJFW  |            | N        | X             | Center Angle (Top)                 |
| 18                                   | LANGKB156WJFW  |            | N        | X             | Sub PWB Angle                      |
| 19                                   | CANGKB208WJ01  |            | N        | X             | Jack Angle                         |
| 19-1                                 | Not Available  | -          | N        | -             | Jack Angle (Long)                  |
| 19-2                                 | HINDPC428WJSA  |            | N        | X             | Jack Indication Plate              |
| 20                                   | LANGKB270WJFW  |            | N        | X             | Rug Angle (Bottom L)               |
| 21                                   | CANGKB271WJ01  |            | N        | X             | Rug Angle (R) Ass'y                |
| 21-1                                 | Not Available  | -          |          | -             | Rug Angle (Bottom R)               |
| 21-2                                 | LHLDWA120WJKZ  | AB         |          | J             | Wire Holder                        |
| 22                                   | LANGKB272WJFW  |            | N        | X             | Stand Assist Angle                 |
| 23                                   | LANGKB274WJM1  |            | N        | X             | Stand Fixing Angle                 |
| 24                                   | LANGTA414WJM1  |            |          | X             | Center Angle, x2                   |
| 25                                   | CCHSMA403WJ01  |            | N        | X             | Tray Chassis Ass'y                 |
| 25-1                                 | Not Available  | -          |          | -             | Tray Chassis                       |
| 25-2                                 | LHLDWA102WJKZ  | AB         |          | J             | Wire Holder, x3                    |
| 25-3                                 | LHLDWA120WJKZ  | AB         |          | J             | Wire Holder                        |
| 25-4                                 | PZETKA209WJZZ  |            |          | X             | Barrier Sheet                      |
| 26                                   | CSLDMB061WJ01  |            | N        | X             | MAIN Shield                        |
| 26-1                                 | Not Available  | -          |          | -             | MAIN Shield                        |
| 26-2                                 | LHLDWA102WJKZ  | AB         |          | J             | Wire Holder, x3                    |
| 27                                   | LX-HZA003WJFN  | AC         |          | J             | Screw (Speaker Box), x4            |
| 28                                   | LX-NZ3047GEZZ  | AA         |          | J             | Nut                                |
| 29                                   | NSFTZ0134CEFW  | AD         |          | J             | DVI Shaft, x2                      |
| 30                                   | PCLICA004WJKZ  | AC         |          | J             | Push Rivet                         |
| 31                                   | PMLT-A416WJZZ  |            |          | X             | Gasket 13X10X50                    |
| 32                                   | PRDARA414WJFW  |            |          | X             | Heat Sink                          |
| 33                                   | PSPAZA635WJKZ  | AC         |          | J             | Cool Sheet                         |
| 34                                   | PSPAZA917WJKZ  | AH         |          | J             | Cool Sheet                         |
| 35                                   | PSPAZB030WJKZ  | AB         |          | J             | Spacer                             |
| 36                                   | QCNCWA496WJZZ  | AK         |          | J             | F-RCA Connector                    |
| 37                                   | QCNW-E249WJJPZ | AH         |          | J             | Connecting Cord (ANT IN)           |
| 38                                   | QCNW-E257WJQZ  | AH         |          | J             | Connecting Cord (PE)               |
| 39                                   | QCNW-E258WJQZ  | AG         |          | J             | Connecting Cord (PD)               |
| 40                                   | QCNW-E266WJQZ  | AF         |          | J             | Connecting Cord (KM)               |
| 41                                   | QCNW-F250WJQZ  |            |          | X             | Connecting Cord (RA)               |
| 42                                   | QCNW-F316WJQZ  |            |          | X             | Connecting Cord (SP)               |
| 43                                   | QCNW-F866WJQZ  |            | N        | X             | Connecting Cord (PPV)              |
| 44                                   | QCNW-G369WJQZ  |            | N        | X             | Connecting Cord (MODEL SELECT)     |
| 45                                   | QCNW-G415WJJPZ |            | N        | X             | Connecting Cord (LV)               |
| 46                                   | QCNW-G416WJQZ  |            | N        | X             | Connecting Cord (LA LB)            |
| 47                                   | RSP-ZA215WJZZ  |            |          | X             | Speaker (L)                        |
| 48                                   | RSP-ZA216WJZZ  |            |          | X             | Speaker (R)                        |
| 49                                   | XBBS740P06000  | AA         |          | J             | Screw (ANG), x6                    |
| 50                                   | XBBS930P06000  | AA         |          | J             | Screw (Rear Cabinet), x5           |
| 51                                   | XBPS730P06WS0  | AA         |          | J             | Screw (PWB/ANG), x43               |
| 52                                   | XBPS930P08000  |            |          | X             | Screw (HDMI SUBPWB), x4            |
| 53                                   | XEBS930P08000  | AA         |          | J             | Screw (Jack)                       |
| 54                                   | XEBS930P10000  | AA         |          | J             | Screw (LED*2 SOUSA*2), x4          |
| 55                                   | XEBS940P16000  | AB         |          | J             | Screw (Rear Cabinet), x10          |
| 56                                   | XEBSN40P10000  | AB         |          | J             | Screw (Panel), x4                  |

LC-32HT3U/LC-37HT3U/LC-42HT3U

| NO.                                  | PARTS CODE    | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION   |
|--------------------------------------|---------------|------------|----------|---------------|---------------|
| <b>[5] CABINET PARTS (LC-32HT3U)</b> |               |            |          |               |               |
| 57                                   | TCAUZA306WJZZ |            | N        | X             | Mercury Label |
| 58                                   | TLABNB037WJZZ |            |          | X             | No. Label     |

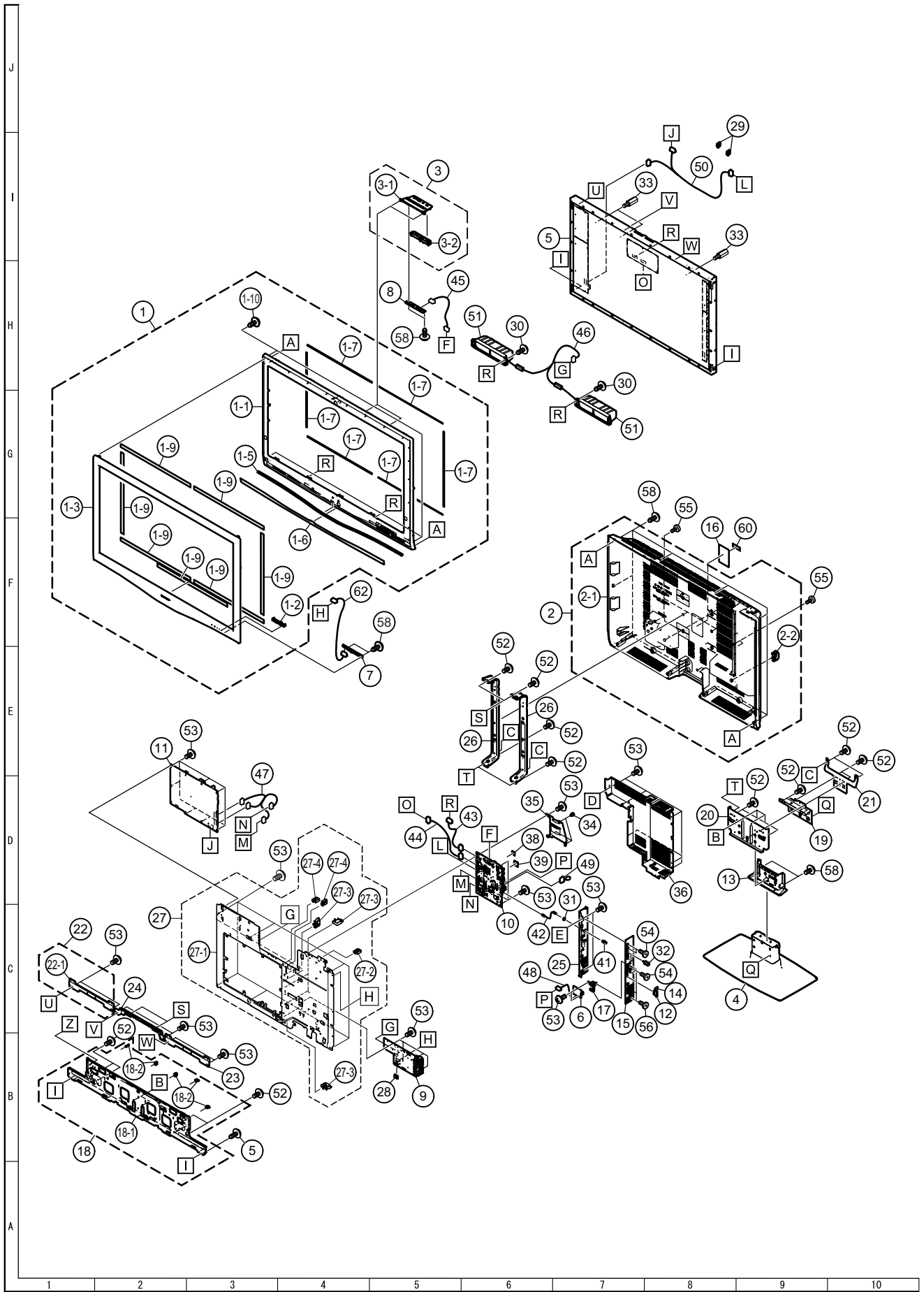
[6] CABINET PARTS (LC-37HT3U)



| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                        |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------------|
| <b>[6] CABINET PARTS (LC-37HT3U)</b> |                |            |          |               |                                    |
| 1                                    | CCABAB633WJ04  |            | N        | X             | Front Cabnet Ass'y                 |
| 1-1                                  | Not Available  | -          |          | -             | Front Cabinet                      |
| 1-2                                  | Not Available  | -          |          | -             | LED Cover                          |
| 1-3                                  | Not Available  | -          | N        | -             | Front Cover                        |
| 1-5                                  | HDECSA015WJSA  |            | N        | X             | Shine Trim                         |
| 1-6                                  | HPNLSA101WJSB  |            | N        | X             | Speaker Net                        |
| 1-7                                  | Not Available  | -          |          | -             | Spacer                             |
| 1-8                                  | PSPAHA416WJZZ  | AC         |          | J             | Mask Himelon, x2                   |
| 1-9                                  | PSPAHA801WJZZ  |            |          | X             | Mask Himelon, x2                   |
| 1-10                                 | Not Available  | -          |          | -             | Double Side Tape, x7               |
| 1-11                                 | XEPS730P08WS0  | AA         |          | J             | Screw (Front Cover), x3            |
| 2                                    | CCABBA962WJ01  |            | N        | X             | Rear Cabinet Ass'y                 |
| 2-1                                  | Not Available  | -          |          | -             | Rear Cabinet                       |
| 2-2                                  | HiNDPC014WJSA  |            | N        | X             | Terminal Label                     |
| 2-3                                  | LHLDWA055WJKZ  | AC         |          | J             | Wire Holder (POW-CABLE)            |
| 2-4                                  | LHLDWA057WJKZ  | AE         |          | J             | Wire Holder                        |
| 2-5                                  | PSPAHB078WJZZ  |            | N        | X             | Spacer (Speaker), x6               |
| 3                                    | CCOVAB929WJ01  |            |          | X             | Top Cover Ass'y                    |
| 3-1                                  | Not Available  | -          |          | -             | Top Control Cover                  |
| 3-2                                  | JBTN-A614WJKA  |            |          | X             | Button, Control                    |
| 4                                    | CDAi-A337WJ02  |            | N        | X             | Stand Ass'y                        |
| 4-1                                  | Not Available  | -          |          | -             | Stand Base                         |
| 4-2                                  | GDAi-A333WJSA  |            | N        | X             | Stand Supprt                       |
| 5                                    | R1LK370T3LZ6CZ | EZ         | N        | J             | 37" LCD Panel Module               |
| 6                                    | DUNTKD537FM03  |            | N        | R             | DIGITAL MINI PWB Unit              |
| 6                                    | DUNTKD537FM03  |            | N        | R             | DIGITAL MINI PWB Unit              |
| 7                                    | DUNTKD909FM02  |            | N        | X             | R/C, LED Unit                      |
| 8                                    | DUNTKD910FM02  |            | N        | X             | KEY Unit                           |
| 9                                    | DUNTKD999FM04  |            | N        | X             | AV TERMINAL Unit                   |
| 10                                   | DUNTKE285FM01  |            | N        | R             | MAIN Unit                          |
| 11                                   | RDENCA198WJQZ  |            |          | X             | POWER Unit (Unit Replacement Item) |
| 12                                   | GCOVAA678WJKA  | AE         |          | J             | SD Card Cover                      |
| 13                                   | GCOVAB931WJKA  |            |          | X             | Stand Assist Cover                 |
| 14                                   | HiNDPB715WJSA  |            |          | X             | Terminal Label                     |
| 15                                   | HiNDPC430WJSA  |            | N        | X             | Model Label                        |
| 16                                   | LANGKA916WJFW  |            |          | X             | Chassis Fix Angle Top              |
| 17                                   | LANGKA931WJFW  |            |          | X             | Rug Angle (Bottom L/R)             |
| 18                                   | LANGKA932WJFW  |            |          | X             | Rug Angle (Top L/R), x2            |
| 19                                   | LANGKB156WJFW  |            | N        | X             | Sub PWB Angle                      |
| 20                                   | CANGKB208WJ01  |            | N        | X             | Jack Angle                         |
| 20-1                                 | Not Available  | -          | N        | -             | Jack Angle (Long)                  |
| 20-2                                 | HiNDPC428WJSA  |            | N        | X             | Jack Indication Plate              |
| 21                                   | LANGKB269WJM1  |            | N        | X             | Stand Fixing Angle                 |
| 22                                   | CANGKA931WJ01  |            |          | X             | Rug Angle (Bottom L/R) Ass'y       |
| 22-1                                 | Not Available  | -          |          | -             | Rug Angle (Bottom L/R)             |
| 22-2                                 | LHLDWA120WJKZ  | AB         |          | J             | Wire Holder                        |
| 23                                   | LANGKB272WJFW  |            | N        | X             | Stand Assist Angle                 |
| 24                                   | LANGTA417WJFW  |            |          | X             | Center Angle, x2                   |
| 25                                   | LHLDWA138WJKZ  | AC         |          | J             | Wire Holder (RA, SP)               |
| 26                                   | CCHSMA403WJ01  |            | N        | X             | Tray Chassis Ass'y                 |
| 26-1                                 | Not Available  | -          |          | -             | Tray Chassis                       |
| 26-2                                 | LHLDWA102WJKZ  | AB         |          | J             | Wire Holder, x3                    |
| 26-3                                 | LHLDWA120WJKZ  | AB         |          | J             | Wire Holder                        |
| 26-4                                 | PZETKA209WJZZ  |            |          | X             | Barrier Sheet                      |
| 27                                   | CSLDMB061WJ01  |            | N        | X             | MAIN Shield Ass'y                  |
| 27-1                                 | Not Available  | -          |          | -             | MAIN Shield                        |
| 27-2                                 | LHLDWA102WJKZ  | AB         |          | J             | Wire Holder, x3                    |
| 28                                   | LX-HZA003WJFN  | AC         |          | J             | Screw (Speaker Box), x4            |
| 29                                   | LX-NZ3047GEZZ  | AA         |          | J             | Nut                                |
| 30                                   | NSFTZ0134CEFW  | AD         |          | J             | DVI Shaft, x2                      |
| 31                                   | PCLiCA004WJKZ  | AC         |          | J             | Push Rivet                         |
| 32                                   | PMLT-A416WJZZ  |            |          | X             | Gasket 13X10X50                    |
| 33                                   | PMLT-A416WJZZ  |            |          | X             | Gasket 13X10X50                    |
| 34                                   | PRDARA414WJFW  |            |          | X             | Heat Sink                          |
| 35                                   | PSPAZA635WJKZ  | AC         |          | J             | Cool Sheet                         |
| 36                                   | PSPAZA917WJKZ  | AH         |          | J             | Cool Sheet                         |
| 37                                   | PSPAZB030WJKZ  | AB         |          | J             | Spacer                             |
| 38                                   | QCNCWA496WJZZ  | AK         |          | J             | F-RCA Connector                    |
| 39                                   | QCNW-E249WJPZ  | AH         |          | J             | Connecting Cord (ANT IN)           |
| 40                                   | QCNW-E257WJQZ  | AH         |          | J             | Connecting Cord (PE)               |
| 41                                   | QCNW-E258WJQZ  | AG         |          | J             | Connecting Cord (PD)               |
| 42                                   | QCNW-E266WJQZ  | AF         |          | J             | Connecting Cord (KM)               |
| 43                                   | QCNW-E278WJQZ  | AH         |          | J             | Connecting Cord (SH)               |
| 44                                   | QCNW-E703WJPZ  |            |          | X             | Connecting Cord (LV)               |
| 45                                   | QCNW-F265WJQZ  |            |          | X             | Connecting Cord (RA)               |
| 46                                   | QCNW-F271WJQZ  |            |          | X             | Connecting Cord (LA-LA-LB)         |
| 47                                   | QCNW-F272WJQZ  |            |          | X             | Connecting Cord (SP)               |
| 48                                   | QCNW-F866WJQZ  |            | N        | X             | Connecting Cord (PPV)              |
| 49                                   | QCNW-F868WJQZ  |            | N        | X             | Connecting Cord (MODEL SELECT)     |
| 50                                   | RSP-ZA215WJZZ  |            |          | X             | Speaker (L)                        |
| 51                                   | RSP-ZA216WJZZ  |            |          | X             | Speaker (R)                        |
| 52                                   | XBBS740P06000  | AA         |          | J             | Screw (ANG), x6                    |
| 53                                   | XBBS930P06000  | AA         |          | J             | Screw (Rear Cabinet), x5           |
| 54                                   | XBPS730P06WS0  | AA         |          | J             | Screw (PWB/ANG), x43               |
| 55                                   | XBPS930P08000  |            |          | X             | Screw (HDMI SUBPWB), x4            |

| NO.                                  | PARTS CODE    | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION               |
|--------------------------------------|---------------|------------|----------|---------------|---------------------------|
| <b>[6] CABINET PARTS (LC-37HT3U)</b> |               |            |          |               |                           |
| 56                                   | XEBS930P08000 | AA         |          | J             | Screw (Jack)              |
| 57                                   | XEBS930P10000 | AA         |          | J             | Screw (LED*2 SOUSA*2), x4 |
| 58                                   | XEBS940P16000 | AB         |          | J             | Screw (Rear Cabinet), x10 |
| 59                                   | XEBSN40P10000 | AB         |          | J             | Screw (Panel), x4         |
| 60                                   | TCAUZA306WJZZ |            | N        | X             | Mercury Label             |
| 61                                   | TLABNB037WJZZ |            |          | X             | No. Label                 |

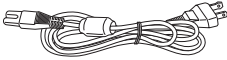
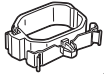

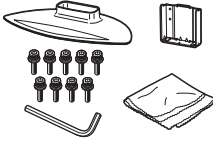

[7] CABINET PARTS (LC-42HT3U)



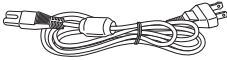
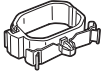


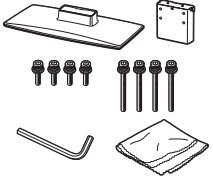

| NO.                                  | PARTS CODE     | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                        |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------------|
| <b>[7] CABINET PARTS (LC-42HT3U)</b> |                |            |          |               |                                    |
| 1                                    | CCABAB803WJ02  |            | N        | X             | Front Cabinet Ass'y                |
| 1-1                                  | Not Available  | -          |          | -             | Front Cabinet                      |
| 1-2                                  | Not Available  | -          |          | -             | LED Cover                          |
| 1-3                                  | Not Available  | -          | N        | -             | Front Cover                        |
| 1-5                                  | HDECSA020WJSA  |            | N        | X             | Shine Trim                         |
| 1-6                                  | HPNLSA139WJSA  |            | N        | X             | Speaker Net                        |
| 1-7                                  | Not Available  | -          | N        | -             | Mask Himelon, x6                   |
| 1-8                                  | PSPAKA244WJZZ  |            | N        | X             | Spacer, x2                         |
| 1-9                                  | PSPAZB226WJZZ  | AD         |          | J             | Double Side Tape, x7               |
| 1-10                                 | XJPSN30P08XS0  | AA         |          | J             | Screw, x3                          |
| 2                                    | CCABBB064WJ01  |            | N        | X             | Rear Cabinet Ass'y                 |
| 2-1                                  | Not Available  | -          |          | -             | Rear Cabinet                       |
| 2-2                                  | LHLDWA131WJKZ  | AE         |          | J             | Wire Holder (RWC-30SB)             |
| 3                                    | CCOVAB914WJ01  |            | N        | X             | Top Cover Ass'y                    |
| 3-1                                  | Not Available  | -          |          | -             | Top Control Cover                  |
| 3-2                                  | JBTN-A614WJKA  |            |          | X             | Button, Control                    |
| 4                                    | CDAi-A327WJ02  |            | N        | X             | Stand Ass'y                        |
| 4-1                                  | Not Available  | -          |          | -             | Stand Base                         |
| 4-2                                  | CDAi-A328WJ01  |            | N        | X             | Stand Supprt                       |
| 5                                    | R1LK420T3LZ1AZ |            | N        | J             | 42" LCD Panel Module               |
| 6                                    | DUNTKD537FM03  |            | N        | R             | DIGITAL MINI PWB Unit              |
| 7                                    | DUNTKD909FM02  |            | N        | X             | R/C, LED Unit                      |
| 8                                    | DUNTKD910FM02  |            | N        | X             | KEY Unit                           |
| 9                                    | DUNTKD999FM04  |            | N        | X             | AV TERMINAL Unit                   |
| 10                                   | DUNTKE285FM01  |            | N        | R             | MAIN Unit                          |
| 11                                   | RDENCA226WJQZ  |            | N        | X             | POWER Unit (Unit Replacement Item) |
| 12                                   | GCOVAA678WJKA  | AE         |          | J             | SD Card Cover                      |
| 13                                   | GCOVAB912WJKA  |            | N        | X             | Stand Assist Cover                 |
| 14                                   | HiNDPB715WJSA  |            |          | X             | Terminal Label                     |
| 15                                   | HiNDPC444WJSA  |            | N        | X             | Jack Indicator                     |
| 16                                   | HiNDPC445WJSA  |            | N        | X             | Model Label                        |
| 17                                   | LANGKA632WJFW  |            |          | X             | Sub PWB Angle                      |
| 18                                   | CANGKA861WJ01  |            | N        | X             | Lug Angle (Bottom)                 |
| 18-1                                 | Not Available  | -          |          | -             | Lug Angle (Bottom)                 |
| 18-2                                 | LHLDWA120WJKZ  | AB         |          | J             | Wire Holder, x5                    |
| 19                                   | LANGKA879WJFW  | AT         | N        | J             | Stand Fixing Angle                 |
| 20                                   | LANGKA881WJFW  | AM         | N        | J             | Stand Assist Angle                 |
| 21                                   | LANGKA882WJFW  | AM         | N        | J             | Chassis Fix Angle A                |
| 22                                   | CANGKB071WJ01  |            | N        | X             | Jack Angle (Top)                   |
| 22-1                                 | Not Available  | -          |          | -             | Lug Angle (Top L/R)                |
| 22-2                                 | PSPAKA243WJZZ  |            | N        | X             | Spacer                             |
| 23                                   | LANGKB071WJFW  |            |          | X             | Lug Angle (Top L/R)                |
| 24                                   | LANGKB072WJFW  |            |          | X             | Lug Angle (Top Center)             |
| 25                                   | LANGKB264WJFW  |            | N        | X             | Terminal Angle                     |
| 26                                   | LANGTA401WJFW  | AT         | N        | J             | Center Angle, x2                   |
| 27                                   | CCHSMA341WJ02  |            | N        | X             | Tray Chassis Ass'y                 |
| 27-1                                 | Not Available  | -          |          | -             | Tray Chassis                       |
| 27-2                                 | LHLDWA102WJKZ  | AB         |          | J             | Wire Holder                        |
| 27-3                                 | LHLDWA120WJKZ  | AB         |          | J             | Wire Holder, x4                    |
| 27-4                                 | LHLDWA123WJKZ  | AB         |          | J             | Wire Holder, x2                    |
| 28                                   | LHLDWA150WJKZ  | AC         |          | J             | Wire Holder (IF PWB)               |
| 29                                   | LHLDWA163WJKZ  | AC         |          | J             | Wire Holder (LV), x2               |
| 30                                   | LX-HZA003WJFN  | AC         |          | J             | Screw (Speaker), x2                |
| 31                                   | LX-NZ3047GEZZ  | AA         |          | J             | Hexiagonal Nut                     |
| 32                                   | NSFTZ0134CEFW  | AD         |          | J             | Shaft (D-SUB), x2                  |
| 33                                   | NSFTZA219WJFW  | AE         |          | J             | Tray Shaft, x3                     |
| 34                                   | PCLICA004WJKZ  | AC         |          | J             | Clip (Radiator), x3                |
| 35                                   | PRDARA414WJFW  |            |          | X             | Heat Sink                          |
| 36                                   | PSLDMA910WJN1  | AW         | N        | J             | MAIN Shield                        |
| 37                                   | PSLDMB066WJZZ  |            |          | X             | Shield (20*35*70), x4              |
| 38                                   | PSPAZA635WJKZ  | AC         |          | J             | Spacer (IC3304 11*16)              |
| 39                                   | PSPAZA917WJKZ  | AH         |          | J             | Spacer (IC8101 20*20)              |
| 40                                   | PZETKA272WJZZ  |            | N        | X             | Insulation Sheet                   |
| 41                                   | QCNCWA496WJZZ  | AK         |          | J             | F-RCA Connector                    |
| 42                                   | QCNW-E249WJPZ  | AH         |          | J             | Connecting Cord (TUNER)            |
| 43                                   | QCNW-E278WJQZ  | AH         |          | J             | Connecting Cord (SH)               |
| 44                                   | QCNW-E703WJPZ  |            |          | X             | Connecting Cord (LP)               |
| 45                                   | QCNW-E897WJQZ  | AF         |          | J             | Connecting Cord (KM)               |
| 46                                   | QCNW-F017WJQZ  |            |          | X             | Connecting Cord (SP)               |
| 47                                   | QCNW-F019WJQZ  | AN         |          | J             | Connecting Cord (PE/PD)            |
| 48                                   | QCNW-F866WJQZ  |            | N        | X             | Connecting Cord (KH)               |
| 49                                   | QCNW-G370WJQZ  |            | N        | X             | Connecting Cord (MODEL SELECT)     |
| 50                                   | QCNW-G417WJQZ  |            | N        | X             | Connecting Cord (LA LB)            |
| 51                                   | RSP-ZA278WJZZ  |            | N        | X             | Speaker (L), x2                    |
| 52                                   | XBBS740P06000  | AA         |          | J             | Screw (ANG), x25                   |
| 53                                   | XBPS730P06WS0  | AA         |          | J             | Screw (PWB/ANG), x33               |
| 54                                   | XBPS830P06000  | AA         |          | J             | Screw (HDMI SUBPWB), x4            |
| 55                                   | XBPS930P08JS0  | AB         |          | J             | Screw (Rear Cabinet), x5           |
| 56                                   | XEBS930P08000  | AA         |          | J             | Screw (Jack), x3                   |
| 57                                   | XEBS930P10000  | AA         |          | J             | Screw (LED X2 SOUSA X1), x3        |
| 58                                   | XEBS940P20000  | AB         |          | J             | Screw (Rear Cabinet), x22          |
| 59                                   | TCAUZA306WJZZ  |            | N        | X             | Mercury Label                      |
| 60                                   | TLABNB037WJZZ  |            |          | X             | No. Label                          |

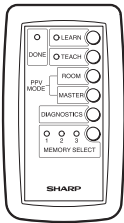
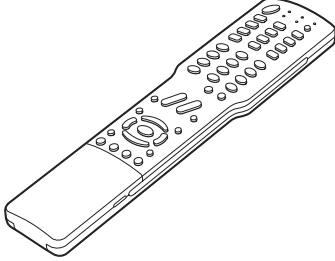
**[8] SUPPLIED ACCESSORIES**

**LC-32HT3U/LC-37HT3U**

|  |  |  |   |
|--|--|--|---|
| <p>X1</p>  <p>AC cord<br/>(× 1)</p> | <p>X3</p>  <p>X2</p>  <p>Cable Clamp(× 1)<br/>Cable tie(× 1)</p> | <p>X5</p>  <p>Stand unit<br/>(× 1)</p> | <p>X6</p>  <p>Operation manual<br/>(× 1)</p> |
|--|--|--|---|

**LC-42HT3U**

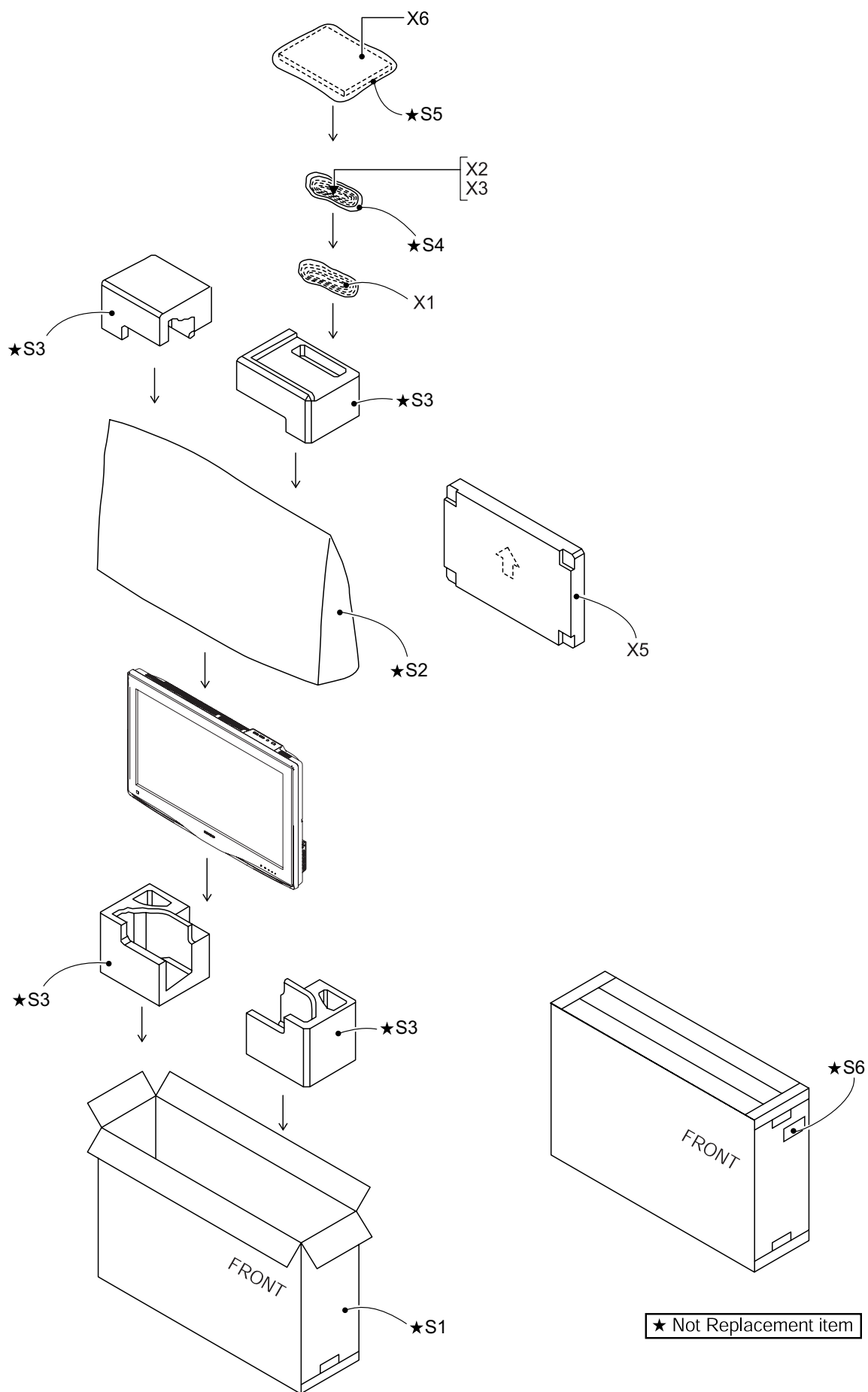
|  |  |  |   |
|--|--|--|---|
| <p>X1</p>  <p>AC cord<br/>(× 1)</p> | <p>X3</p>  <p>X4</p>  <p>X2</p>  <p>Cable Clamp(× 2)<br/>Cable tie(× 1)</p> | <p>X5</p>  <p>Stand unit<br/>(× 1)</p> | <p>X6</p>  <p>Operation manual<br/>(× 1)</p> |
|--|--|--|---|

| Remote Replicator with an RJ-11 cable  | Remote control unit  |
|--|--|
|  <p>AN-H06RCU</p> |  <p>AN-32HTRC</p> |

| NO.                             | PARTS CODE      | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION             |
|---------------------------------|-----------------|------------|----------|---------------|-------------------------|
| <b>[8] SUPPLIED ACCESSORIES</b> |                 |            |          |               |                         |
| X1                              | QACDA039WJPZ    | AQ         |          | J             | AC Cord                 |
| X2                              | LHLDWA083WJ00   | AD         |          | J             | Cable Tie               |
| X3                              | LHLDWA131WJKZ   | AE         |          | J             | Cable Clamp             |
| X4                              | LHLDWA131WJKZ   | AE         |          | J             | Cable Clamp (LC-42HT3U) |
| X5                              | CDA i -A332WJ02 |            |          | X             | Stand Ass'y (LC-32HT3U) |
| X5                              | CDA i -A337WJ02 |            | N        | X             | Stand Ass'y (LC-37HT3U) |
| X5                              | CDA i -A327WJ02 |            | N        | X             | Stand Ass'y (LC-42HT3U) |
| X6                              | T iNS-D139WJZZ  |            | N        | X             | Operation Manual        |

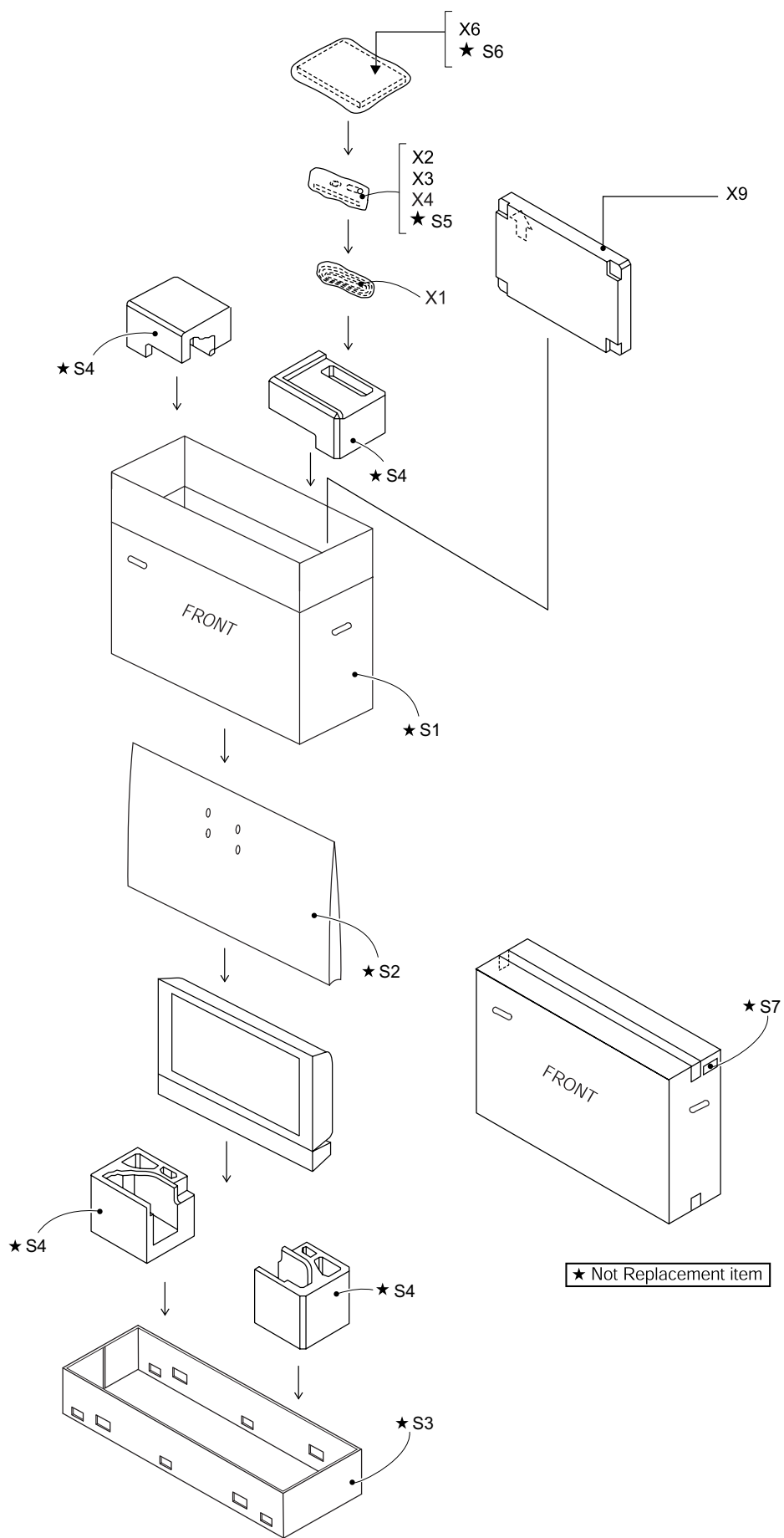


[9] PACKING PARTS (LC-32HT3U/37HT3U)



| NO.   | PARTS CODE    | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION                 |
|---|---------------|------------|----------|---------------|-----------------------------|
| <b>[9] PACKING PARTS (LC-32HT3U/37HT3U)</b> |               |            |          |               |                             |
| S1  | SPAKCD505WJZZ | -          | N        | -             | Packing Paper (LC-32HT3U)   |
| S1  | SPAKCD504WJZZ | -          | N        | -             | Packing Paper (LC-37HT3U)   |
| S2  | SPAKPA794WJZZ | -          |          | -             | Wrapping Paper (LC-32HT3U)  |
| S2  | SPAKPA795WJZZ | -          |          | -             | Wrapping Paper (LC-37HT3U)  |
| S3  | SPAKXB306WJZZ | -          |          | -             | Buffer Material (LC-32HT3U) |
| S3  | SPAKXB320WJZZ | -          |          | -             | Buffer Material (LC-37HT3U) |
| S4  | SSAKAA032WJZZ | -          |          | -             | Polyethylene Bag            |
| S5  | SSAKA0101GJZZ | -          |          | -             | Polyethylene Bag            |
| S6  | TLABKA009WJZZ | -          |          | -             | No. Label                   |

[10] PACKING PARTS (LC-42HT3U)



| NO.  | PARTS CODE    | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION  |
|--|---------------|------------|----------|---------------|--|
| <b>[10] PACKING PARTS (LC-42HT3U)</b>        |               |            |          |               |  |
| S1   | SPAKCD566WJZZ | -          | N        | -             | Packing Paper  |
| S2   | SPAKPA774WJZZ | -          | -        | -             | Wrapping Paper   |
| S3   | SPAKCD085WJZZ | -          | -        | -             | Bottom Case  |
| S4   | CPAKXB531WJ01 | -          | N        | -             | Buffer Material  |
| S5   | SSAKAA032WJZZ | -          | -        | -             | Polyethylene Bag   |
| S6   | SSAKA0101GJZZ | -          | -        | -             | Polyethylene Bag   |
| S7   | TLABKA009WJZZ | -          | -        | -             | No. Label  |
| <b>[11] SERVICE JIGS (USE FOR SERVICING)</b> |               |            |          |               |  |
| N  | QCNW-G383WJQZ | AW         |          | J             | L=1000mm, x2, POWER to INV.1/2(LA1/LA2) L=1250mm, x1, MAIN to INV.2 (LB) |
| N  | QCNW-F138WJQZ | AP         |          | J             | 4pis-2pins/2pins, L=1000mm, Terminal Unit to Speaker-R/-L (SP)           |
| N  | QCNW-F139WJQZ | AX         |          | J             | 13pins L=1000mm, Terminal unit to R/C LED Unit (RA)                      |
| N  | QCNW-D483WJQZ | AX         |          | J             | 12pins L=1000mm, Main Unit to Power Unit (PE)                            |
| N  | QCNW-E068WJQZ | AS         |          | J             | 6pins L=1000mm, Main Unit to Power Unit (PD)                             |
| N  | QCNW-E673WJPZ | BE         |          | J             | 30pins L=1000mm, Main Unit to Controller Unit (LV)                       |



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