

# AV RECEIVER/AV AMPLIFIER RX-V730/RX-V730RDS/RX-V630/RX-V630RDS HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE SERVICE MANUAL

## IMPORTANT NOTICE

This manual has been provided for the use of authorized YAMAHA Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically YAMAHA Products, are already known and understood by the users, and have therefore not been restated.

**WARNING:** Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components, and failure of the product to perform as specified. For these reasons, we advise all YAMAHA product owners that any service required should be performed by an authorized YAMAHA Retailer or the appointed service representative.

**IMPORTANT:** The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of YAMAHA are continually striving to improve YAMAHA products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

**WARNING:** Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

**IMPORTANT:** Turn the unit OFF during disassembly and part replacement. Recheck all work before you apply power to the unit.

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このサービスマニュアルは、エコマーク認定の再生紙を使用しています。  
This Service Manual uses recycled paper.



## ■ TO SERVICE PERSONNEL

1. Critical Components Information  
Components having special characteristics are marked ⚠ and must be replaced with parts having specifications equal to those originally installed.
  2. Leakage Current Measurement (For 120V Models Only)  
When service has been completed, it is imperative to verify that all exposed conductive surfaces are properly insulated from supply circuits.
- Meter impedance should be equivalent to 1500 ohm shunted by 0.15μF.



### “CAUTION”

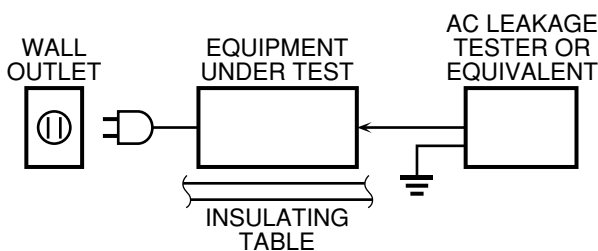
“F922: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE 8A, 125V FUSE.”

### CAUTION

F922: REPLACE WITH SAME TYPE 8A, 125V FUSE.

### ATTENTION

F922: UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE DE 8A, 125V.



- Leakage current must not exceed 0.5mA.
- Be sure to test for leakage with the AC plug in both polarities.

## WARNING: CHEMICAL CONTENT NOTICE!

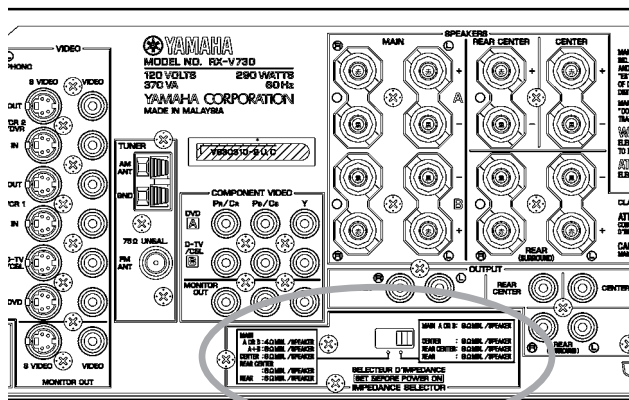
The solder used in the production of this product contains LEAD. In addition, other electrical/electronic and/or plastic (where applicable) components may also contain traces of chemicals found by the California Health and Welfare Agency (and possibly other entities) to cause cancer and/or birth defects or other reproductive harm.

DO NOT PLACE SOLDER, ELECTRICAL/ELECTRONIC OR PLASTIC COMPONENTS IN YOUR MOUTH FOR ANY REASON WHATSOEVER!

Avoid prolonged, unprotected contact between solder and your skin! When soldering, do not inhale solder fumes or expose eyes to solder/flux vapor!

If you come in contact with solder or components located inside the enclosure of this product, wash your hands before handling food.

## ■ IMPEDANCE SELECTOR

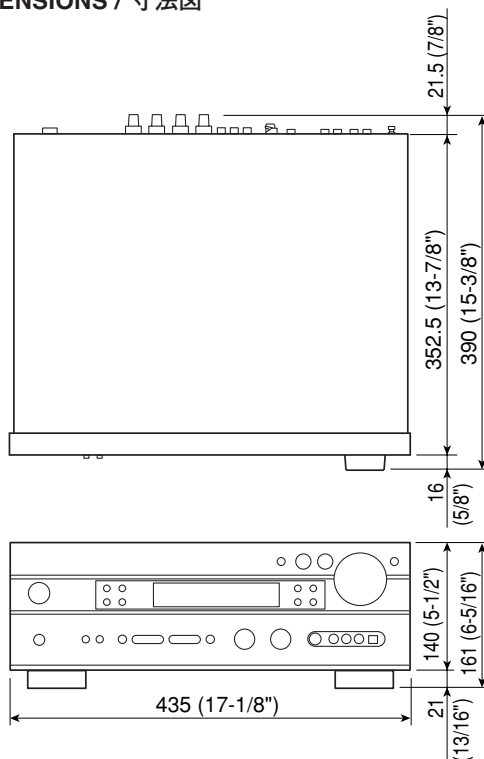


### IMPEDANCE SELECTOR

#### WARNING:

Do not change the IMPEDANCE SELECTOR switch setting while the power to this unit is on, otherwise this unit may be damaged.

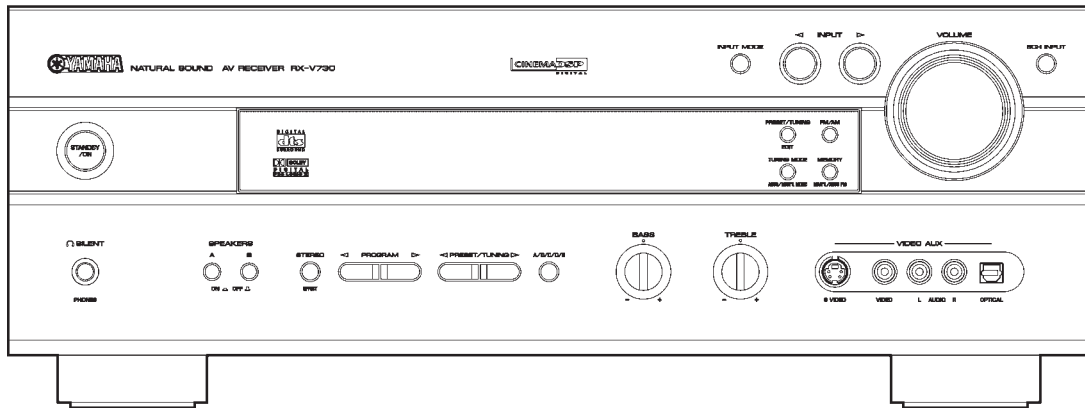
## • DIMENSIONS / 寸法図



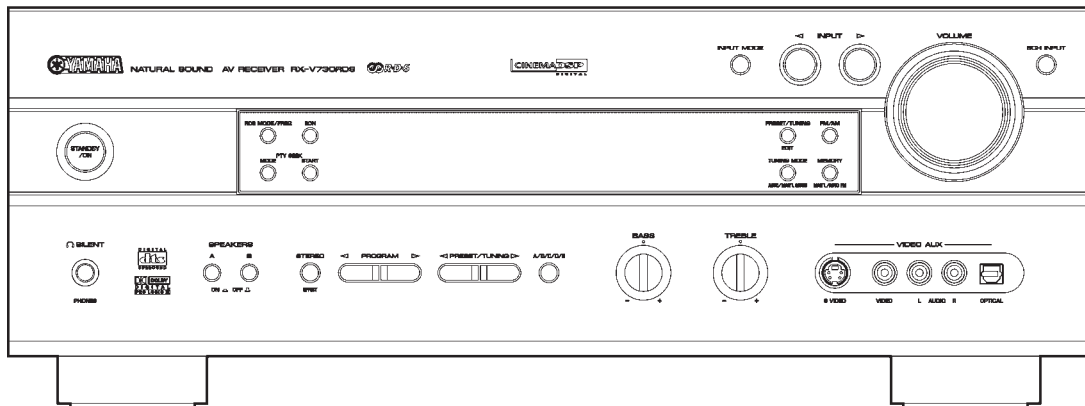
Unit : mm (inch)  
単位: mm (インチ)

## ■ FRONT PANELS

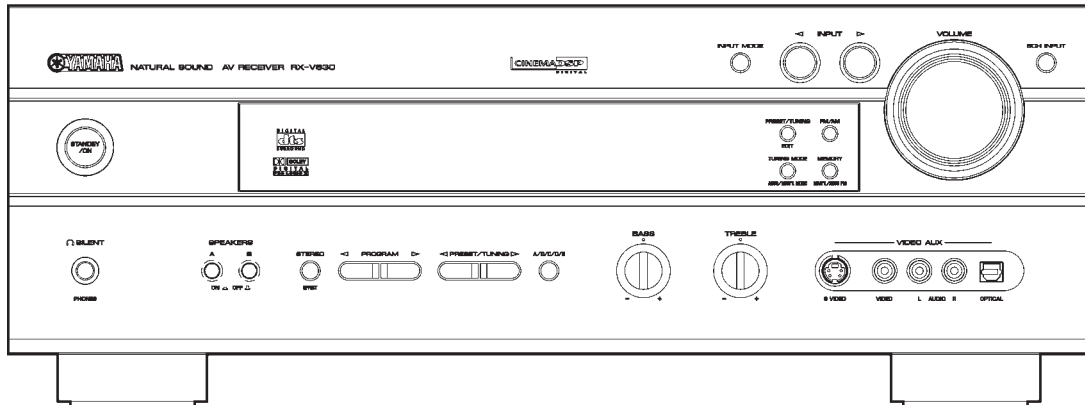
RX-V730 (U, C, A, L, R, T, K models)



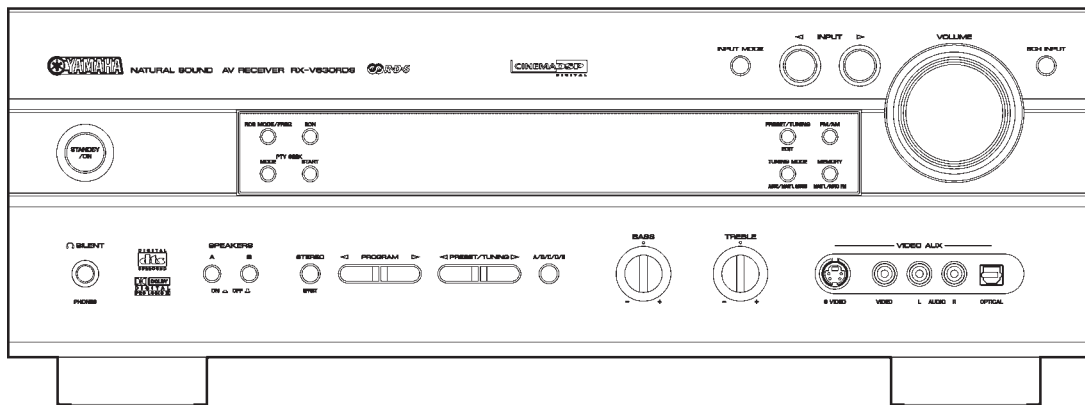
RX-V730RDS (B, G models)



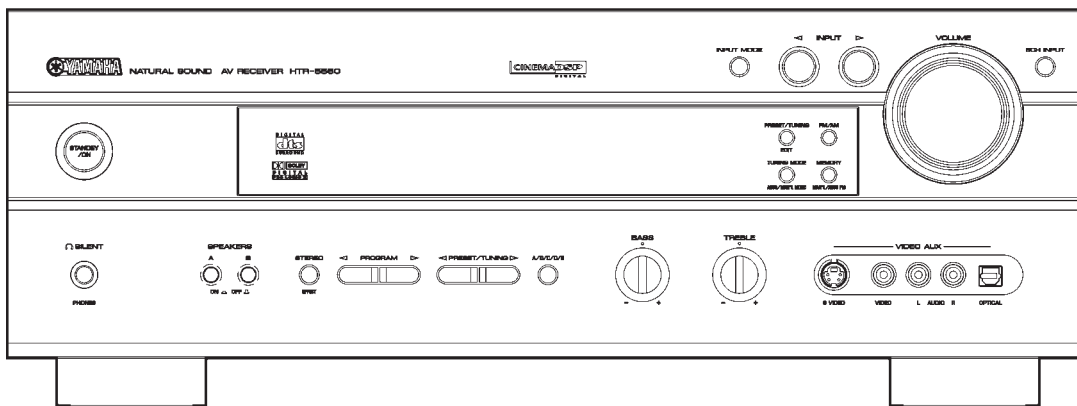
RX-V630 (U, C, A, L, R, T, K models)



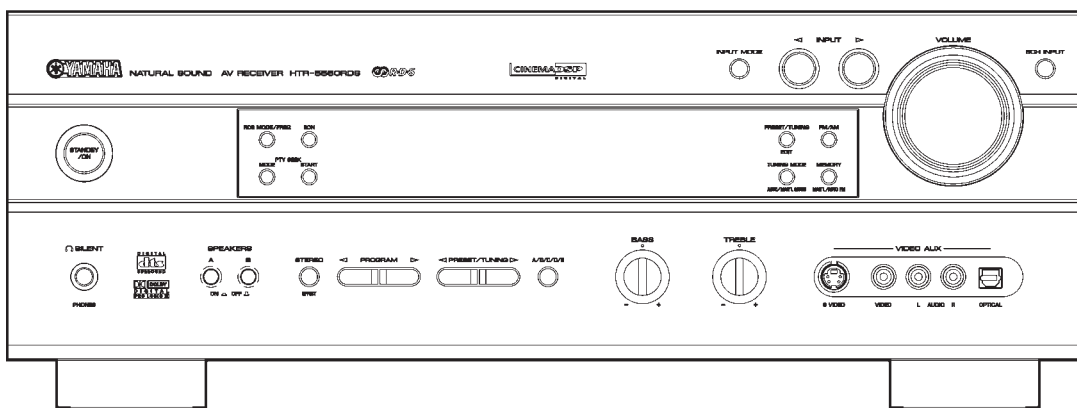
RX-V630RDS (B, G models)



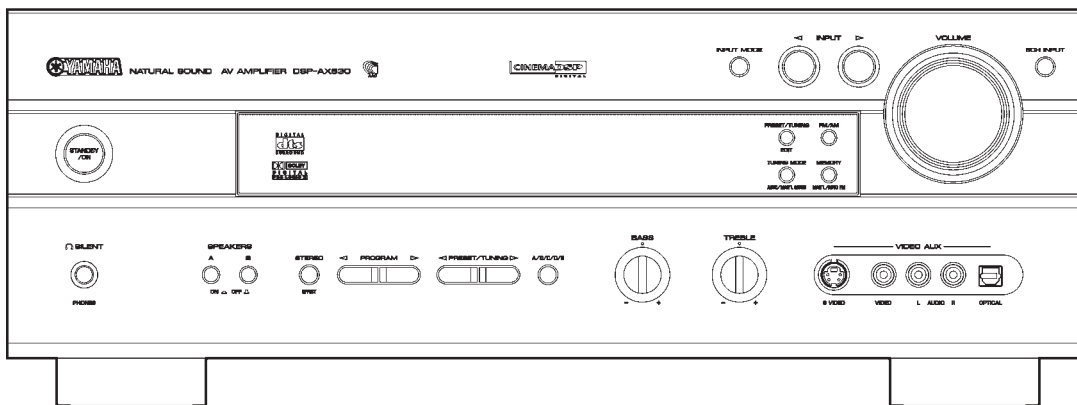
## HTR-5560 (U, C, A, T, K models)



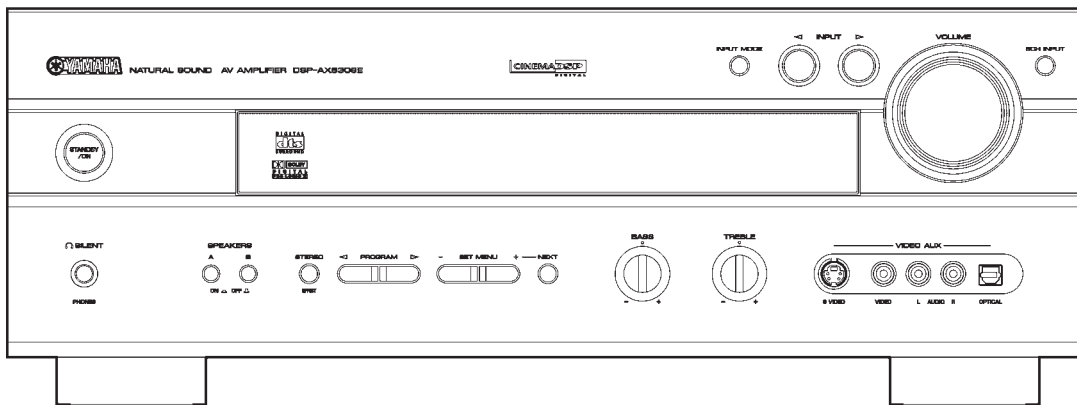
## HTR-5560RDS (G model)



## DSP-AX630 (J model)

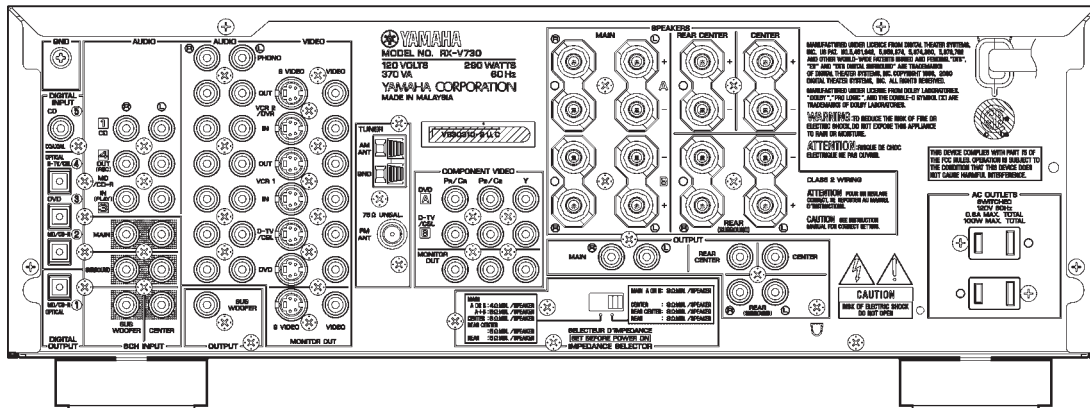


## DSP-AX630SE (B, G models)

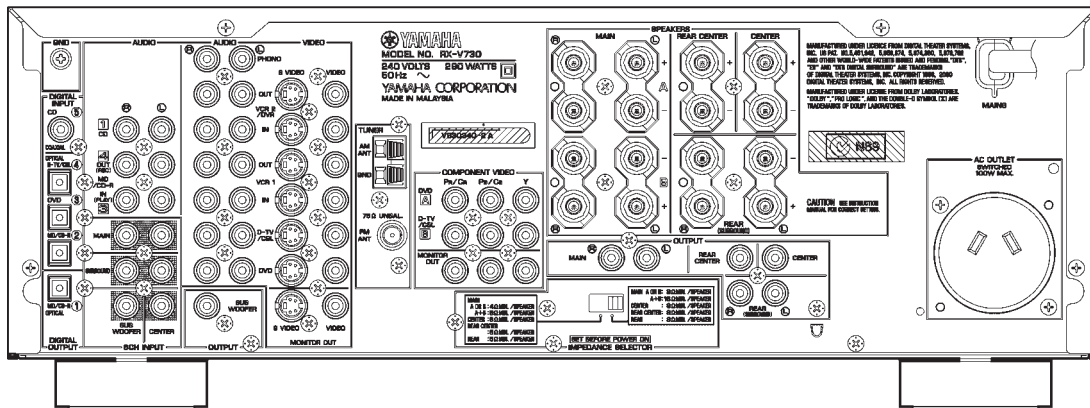


## REAR PANELS

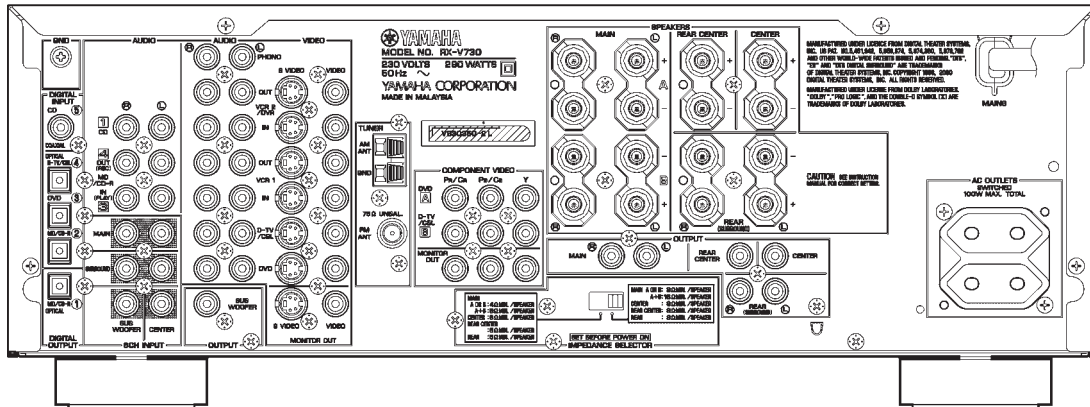
### RX-V730 (U, C models)



### RX-V730 (A model)

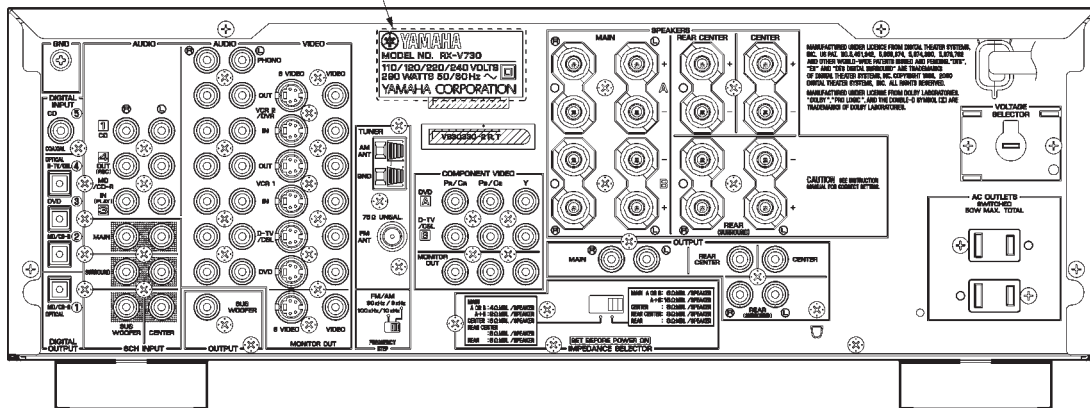


### RX-V730 (L model)

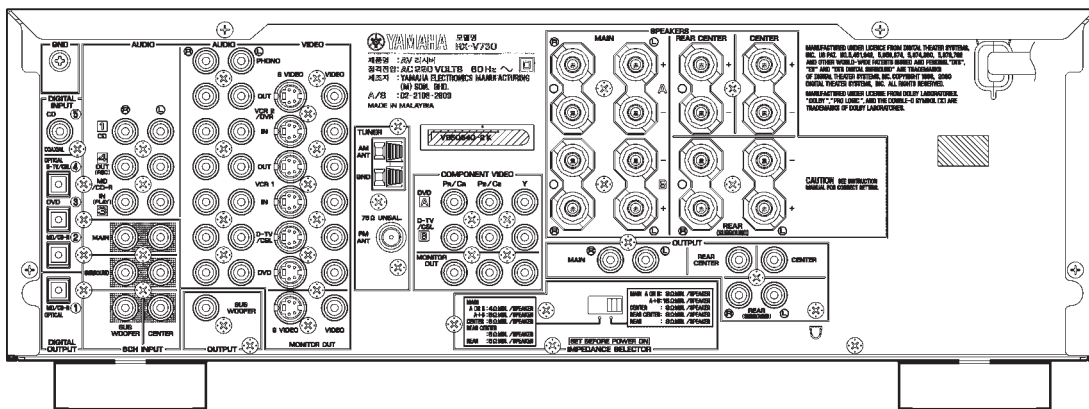


### RX-V730 (R, T models)

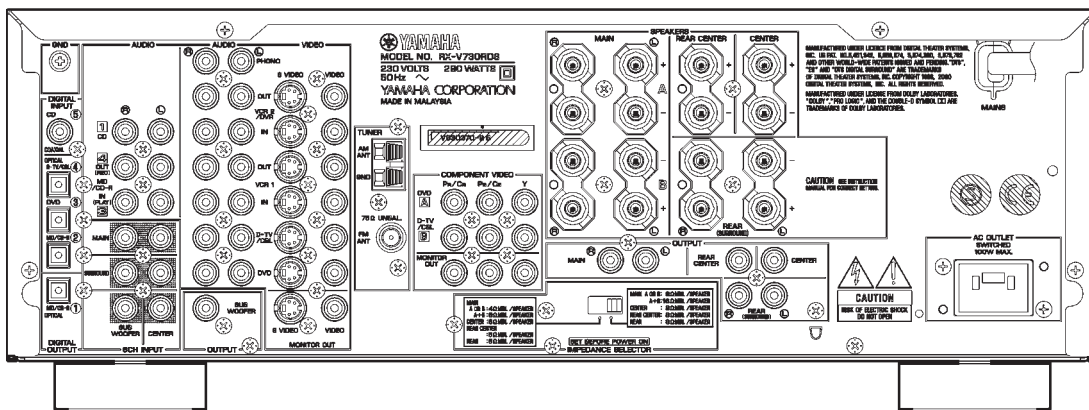
R model



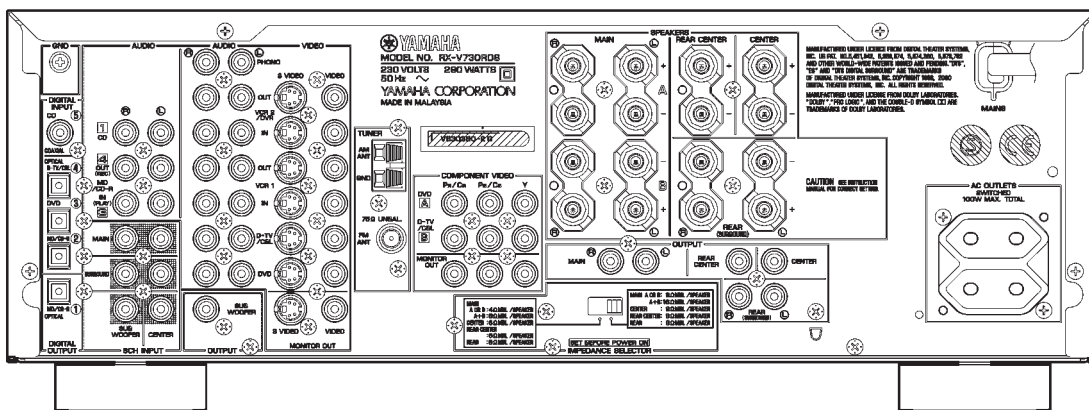
## RX-V730 (K model)



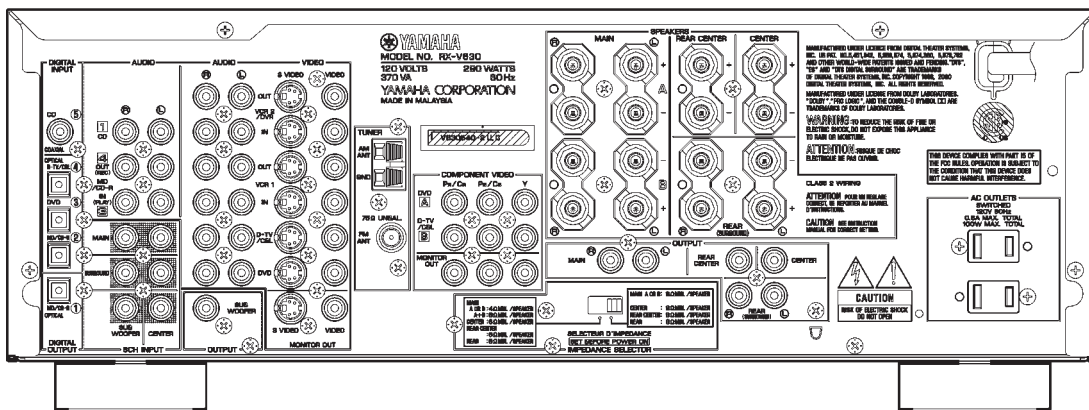
## RX-V730RDS (B model)



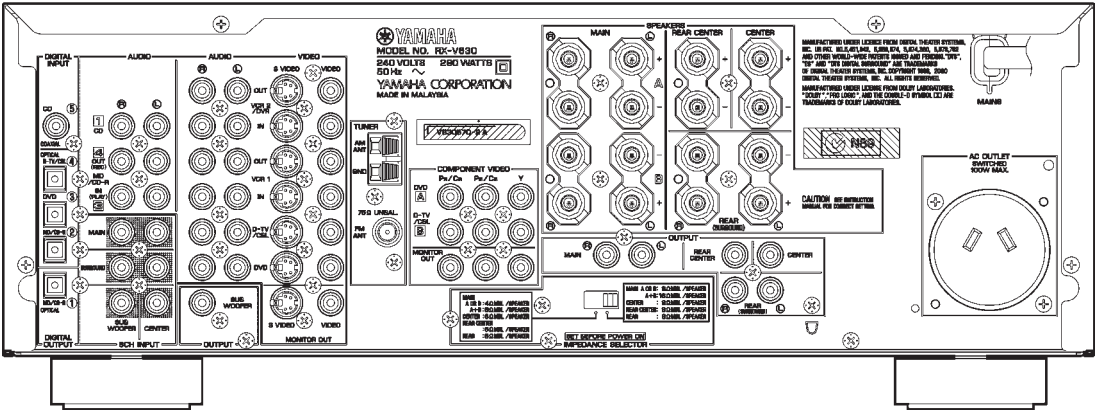
## RX-V730RDS (G model)



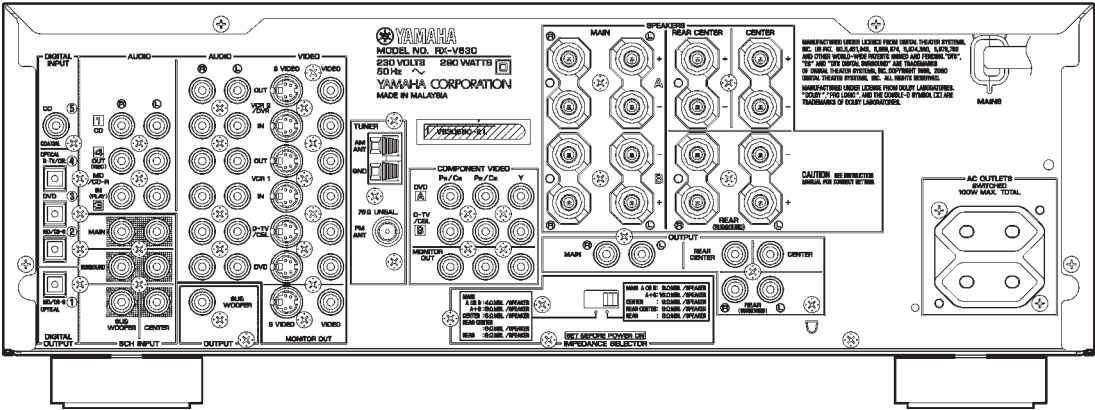
## RX-V630 (U, C models)



RX-V630 (A model)

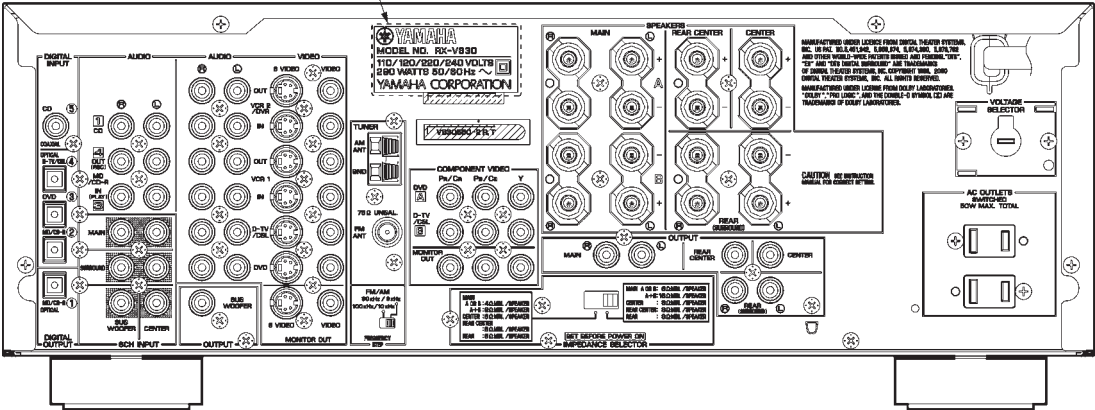


RX-V630 (L model)

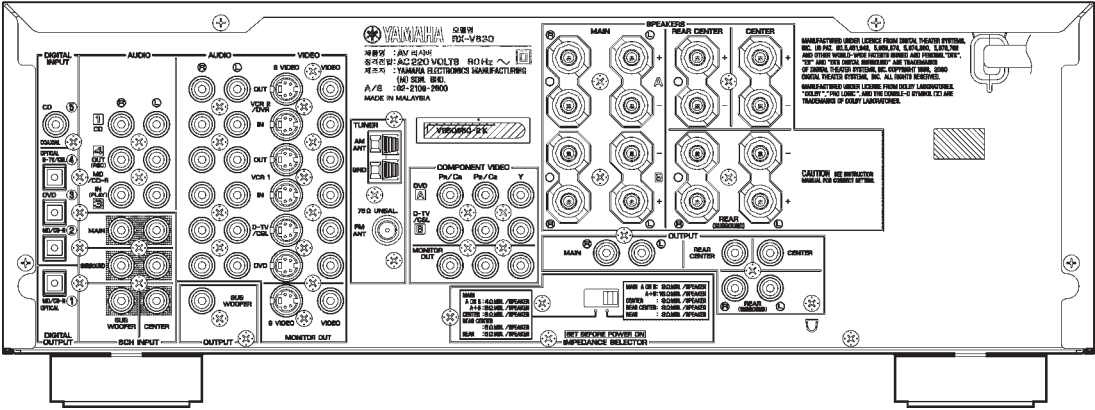


RX-V630 (R, T models)

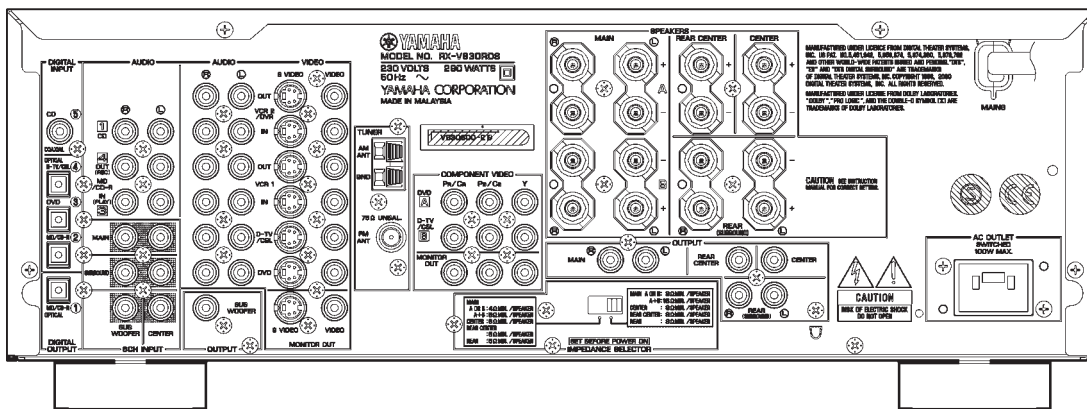
R model



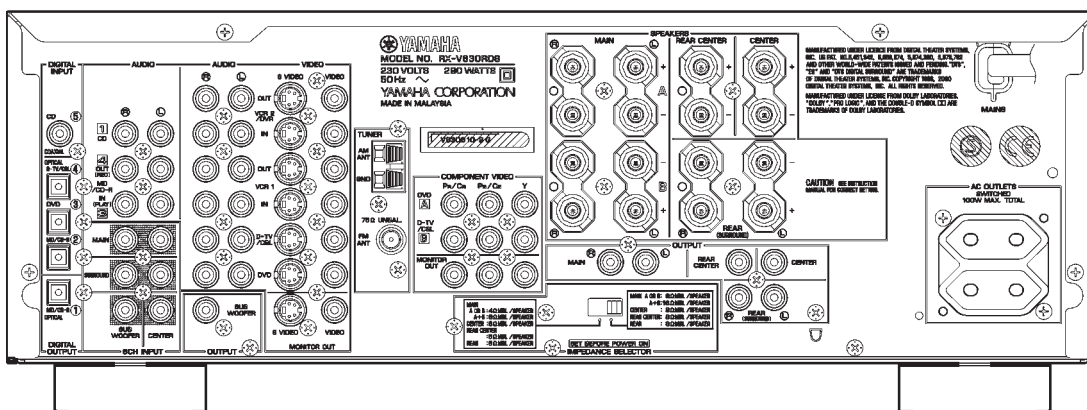
RX-V630 (K model)



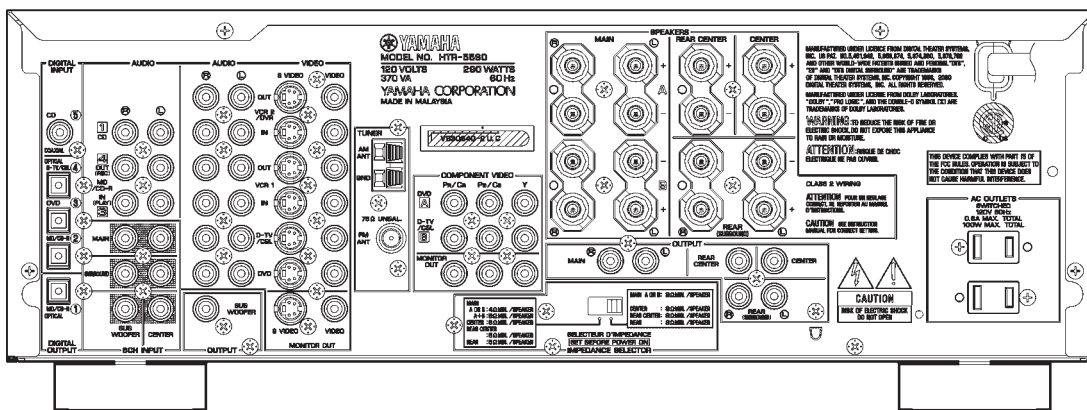
# RX-V630RDS (B model)



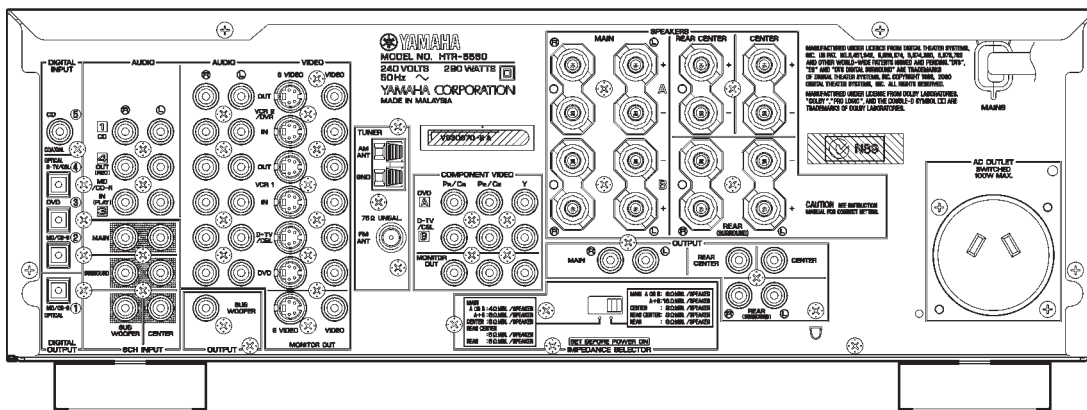
# RX-V630RDS (G model)



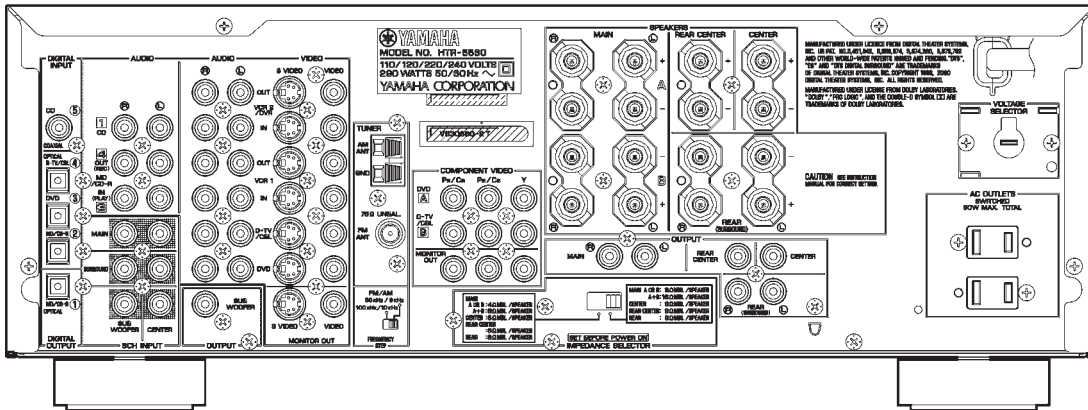
# HTR-5560 (U, C models)



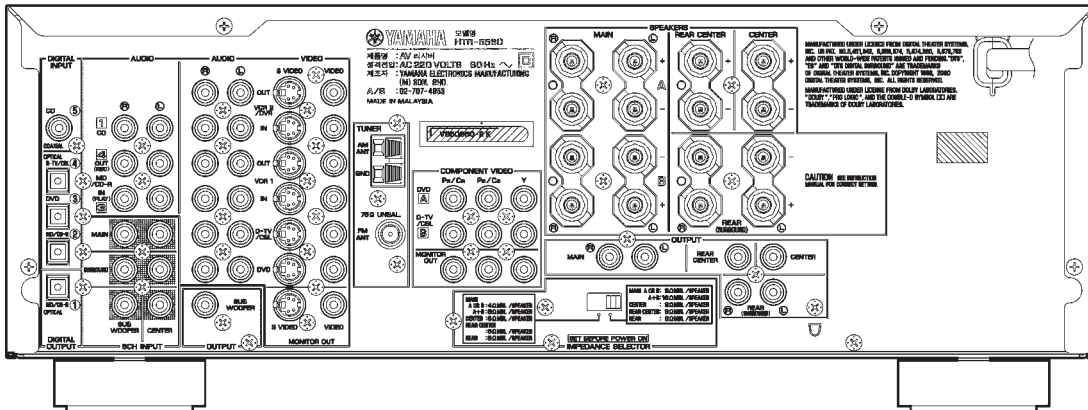
# HTR-5560 (A model)



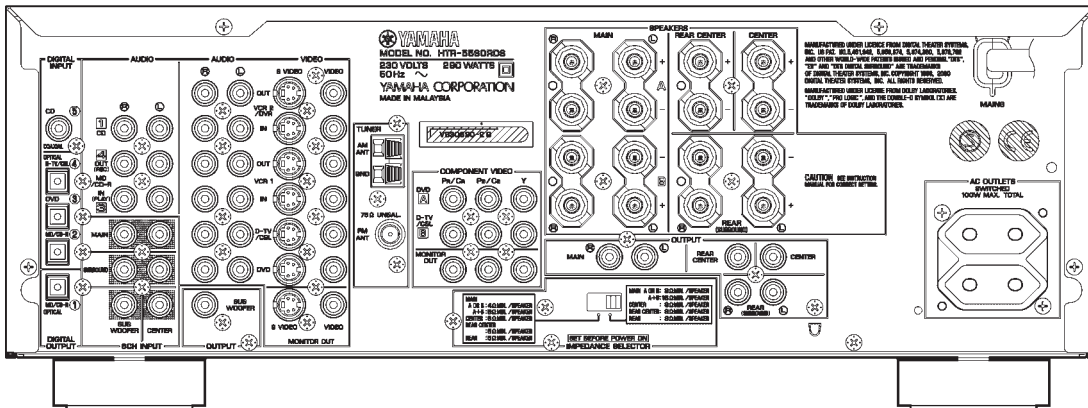
HTR-5560 (T model)



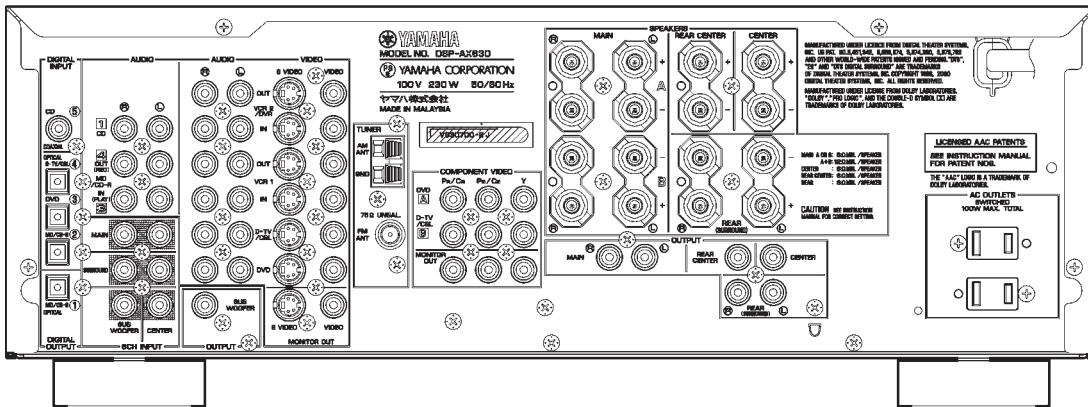
HTR-5560 (K model)



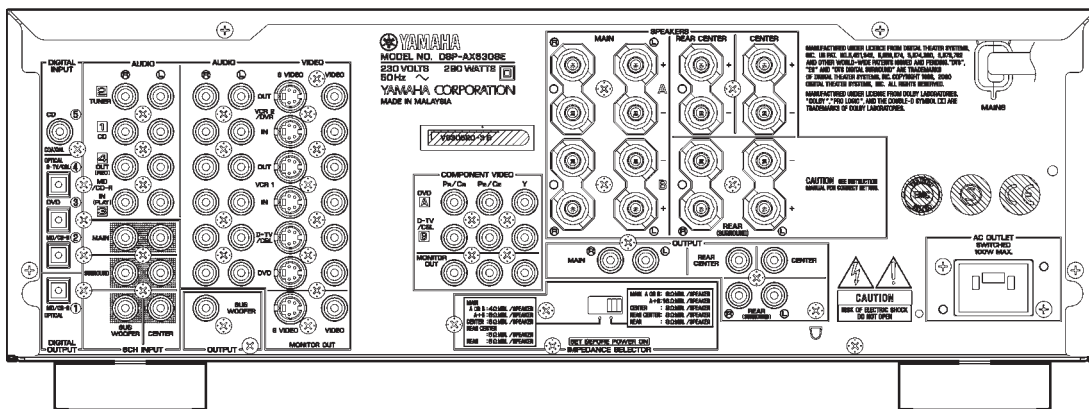
HTR-5560RDS (G model)



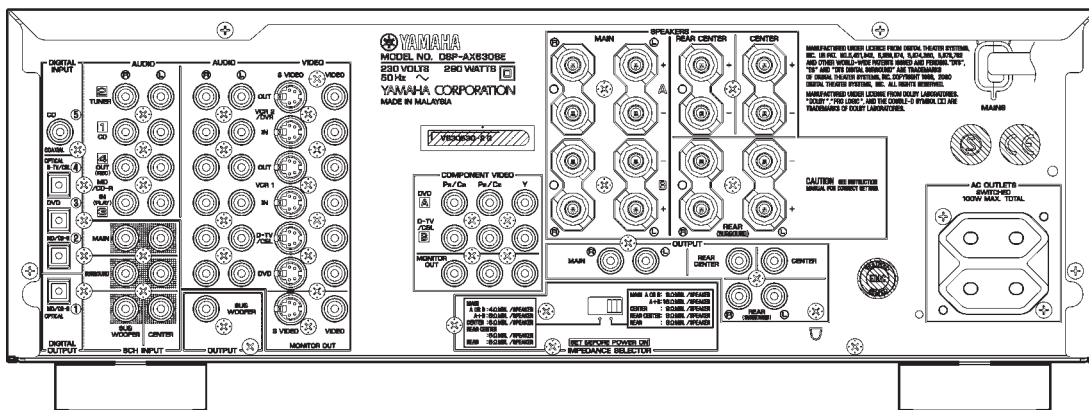
DSP-AX630 (J model)



## DSP-AX630SE (B model)



## DSP-AX630SE (G model)





## SPECIFICATIONS / 参考仕様

### ■ Audio Section / オーディオ部

#### Minimum RMS Output Power (Power Amp. Section) / 定格出力 (パワーアンプ部)

(20 Hz to 20 kHz, 0.06% THD)

|                                           |           |
|-------------------------------------------|-----------|
| MAIN L/R                                  |           |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 75W + 75W |
| J model (6 ohms)                          | 75W + 75W |

|                                           |     |
|-------------------------------------------|-----|
| CENTER                                    |     |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 75W |
| J model (6 ohms)                          | 75W |

|                                           |           |
|-------------------------------------------|-----------|
| REAR L/R                                  |           |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 75W + 75W |
| J model (6 ohms)                          | 75W + 75W |

|                                           |     |
|-------------------------------------------|-----|
| REAR CENTER                               |     |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 75W |
| J model (6 ohms)                          | 75W |

(1 kHz, 0.06% THD)

|                                           |           |
|-------------------------------------------|-----------|
| MAIN L/R                                  |           |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 80W + 80W |
| CENTER                                    |           |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 80W       |

|                                           |           |
|-------------------------------------------|-----------|
| REAR L/R                                  |           |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 80W + 80W |
| REAR CENTER                               |           |
| U, C, A, B, G, L, R, T, K models (8 ohms) | 80W       |

#### Maximum Power / 実用最大出力 (EIAJ, 1kHz, 10% THD)

|                         |             |
|-------------------------|-------------|
| MAIN L/R                |             |
| R, T, K models (8 ohms) | 110W + 110W |
| J model (6 ohms)        | 110W + 110W |

|                         |      |
|-------------------------|------|
| CENTER                  |      |
| R, T, K models (8 ohms) | 110W |
| J model (6 ohms)        | 110W |

|                         |             |
|-------------------------|-------------|
| REAR L/R                |             |
| R, T, K models (8 ohms) | 110W + 110W |
| J model (6 ohms)        | 110W + 110W |

|                         |      |
|-------------------------|------|
| REAR CENTER             |      |
| R, T, K models (8 ohms) | 110W |
| J model (6 ohms)        | 110W |

#### Dynamic Power Per Channel / ダイナミックパワー (IHF)

|                                                 |                 |
|-------------------------------------------------|-----------------|
| U, C, A, B, G, L, R, T, K models (8/6/4/2 ohms) | 95/120/150/180W |
| J model (6/4/2 ohms)                            | 105/125/150W    |

#### DIN Standard Output Power Per Channel / DINパワー [G model]

|                           |             |
|---------------------------|-------------|
| (1 kHz, 0.7% THD, 4 ohms) |             |
| MAIN L/R                  | 125W + 125W |
| CENTER                    | 125W        |
| REAR L/R                  | 125W + 125W |
| REAR CENTER               | 125W        |

#### Dynamic Headroom / ダイナミックヘッドルーム

|                      |        |
|----------------------|--------|
| U, C models (8 ohms) | 1.14dB |
|----------------------|--------|

#### IEC Power / IECパワー [G model]

|                          |           |
|--------------------------|-----------|
| 1 kHz, 0.06% THD, 8 ohms | 80W + 80W |
|--------------------------|-----------|

#### Damping Factor / ダンピングファクタ

|                                    |            |
|------------------------------------|------------|
| 20 Hz to 20 kHz, SPEAKER-A, 8 ohms | 80 or more |
|------------------------------------|------------|

#### Input Sensitivity / Input Impedance (入力感度/入力インピーダンス)

|              |                    |
|--------------|--------------------|
| PHONO (MM)   | 2.5 mV / 47 k-ohms |
| CD, etc.     | 150 mV / 47 k-ohms |
| EXT. DECODER |                    |

MAIN L/R, CENTER, SURROUND L/R, SUB WOOFER

|  |                    |
|--|--------------------|
|  | 150 mV / 47 k-ohms |
|--|--------------------|

#### Maximum Input Signal Level / 最大許容入力

|                                       |       |
|---------------------------------------|-------|
| RX-V730/RX-V730RDS                    |       |
| PHONO (MM) (1 kHz, 0.1% THD)          | 100mV |
| CD, etc. (1 kHz, 0.5% THD, Effect On) | 2.2V  |

#### Output Level / Output Impedance (出力電圧/出力インピーダンス)

|                             |                     |
|-----------------------------|---------------------|
| REC OUT                     | 150 mV / 1.2 k-ohms |
| PRE OUT                     | 2.2 V / 1.2 k-ohms  |
| SUB WOOFER (MAIN SP: Small) | 4 V / 1.2 k-ohms    |

#### Headphone Jack Rated Output / Impedance (ヘッドフォン出力/出力インピーダンス)

|                                  |                   |
|----------------------------------|-------------------|
| CD, etc. (1 kHz, 150 mV, 8 ohms) | 0.34 V / 560 ohms |
|----------------------------------|-------------------|

#### Frequency Response / 周波数特性

|                                         |           |
|-----------------------------------------|-----------|
| CD, etc. to MAIN L/R (10 Hz to 100 kHz) | +0/-3.0dB |
|-----------------------------------------|-----------|

#### RIAA Equalization Deviation / RIAA偏差

|            |         |
|------------|---------|
| PHONO (MM) | 0±0.5dB |
|------------|---------|

#### Total Harmonic Distortion / 全高調波歪率 (20Hz to 20kHz)

|                                                        |               |
|--------------------------------------------------------|---------------|
| PHONO (MM) to REC OUT (1V)                             | 0.02% or less |
| CD, etc. (Effect Off) to MAIN L/R SP OUT (45W, 8 ohms) | 0.06% or less |

#### Signal to Noise Ratio / 信号対雑音比 (IHF-A network)

|                                       |              |
|---------------------------------------|--------------|
| PHONO (MM) (Input shorted) to REC OUT |              |
| U, C, R, T, K models (5mV)            | 86dB or more |
| A, B, G, L models (5mV)               | 81dB or more |
| J model (2.5mV)                       | 80dB or more |

|                                                         |               |
|---------------------------------------------------------|---------------|
| CD, etc. (Input shorted, EFFECT OFF) to MAIN L/R SP OUT |               |
| 250mV                                                   | 100dB or more |

#### Residual Noise / 残留ノイズ (IHF-A network)

|                 |               |
|-----------------|---------------|
| MAIN L/R SP OUT | 150µV or less |
|-----------------|---------------|

#### Channel Separation / チャンネルセパレーション

|                                                   |                           |
|---------------------------------------------------|---------------------------|
| (Vol -30 dB, Effect Off)                          |                           |
| PHONO (Input shorted, 1 kHz/10 kHz)               | 60dB or more/55dB or more |
| CD, etc. (Input 5.1 k-ohms shorted, 1 kHz/10 kHz) | 60dB or more/45dB or more |

### Tone Control Characteristics / トーンコントロール特性

|                    |              |
|--------------------|--------------|
| BASS               |              |
| Boost/Cut          | ±10dB (50Hz) |
| Turnover Frequency | 350Hz        |

|                    |               |
|--------------------|---------------|
| TREBLE             |               |
| Boost/Cut          | ±10dB (20kHz) |
| Turnover Frequency | 3.5kHz        |

### Filter Characteristics / フィルター特性

|                                  |                  |
|----------------------------------|------------------|
| MAIN, REAR L/R SP Small (H.P.F.) | 90Hz / 12dB oct. |
| SUBWOOFER (L.P.F.)               | 90Hz / 18dB oct. |

### ■ Video Section / ビデオ部

#### Video Signal Type / ビデオ信号方式

|                   |             |
|-------------------|-------------|
| U, C, J models    | NTSC        |
| A, B, G, L models | PAL         |
| R, T, K models    | NTSC or PAL |

#### Video Signal Level / ビデオ信号

|  |                  |
|--|------------------|
|  | 1 Vp-p / 75 ohms |
|--|------------------|

#### S-Video Signal Level / Sビデオ信号

|   |                      |
|---|----------------------|
| Y | 1 Vp-p / 75 ohms     |
| C | 0.286 Vp-p / 75 ohms |

#### Component Signal Level / コンポーネントビデオ信号

|       |                    |
|-------|--------------------|
| Y     | 1 Vp-p / 75 ohms   |
| Cb/Cr | 0.7 Vp-p / 75 ohms |

#### Maximum Input Level / 最大許容入力

|  |          |
|--|----------|
|  | 1.5 Vp-p |
|--|----------|

#### Signal to Noise Ratio / 信号対雑音比

|  |               |
|--|---------------|
|  | 50 dB or more |
|--|---------------|

#### Monitor Out Frequency Response / モニターアウト周波数帯域

|                                          |                       |
|------------------------------------------|-----------------------|
| Video Signal Level, S-Video Signal Level | 5 Hz to 10 MHz, -3 dB |
| Component Video Signal Level             | DC to 30 MHz, -3 dB   |

### ■ FM Section / FM部 (except DSP-AX630SE)

#### Tuning Range

|                      |                                     |
|----------------------|-------------------------------------|
| U, C models          | 87.5 to 107.9 MHz                   |
| A, B, G, L, K models | 87.5 to 108.0 MHz                   |
| R, T models          | 87.5 to 108.0 / 87.50 to 108.00 MHz |
| J model              | 76.0 to 90.0 MHz                    |

#### 50dB Quieting Sensitivity / 50dB SN感度 (IHF)

|                   |                   |
|-------------------|-------------------|
| (1kHz, 100% Mod.) |                   |
| Mono              | 2.0 µV (17.3 dBf) |
| Stereo            | 25 µV (39.2 dBf)  |

#### Usable Sensitivity / 実用感度 (IHF)

|      |                   |
|------|-------------------|
| Mono | 1.0 µV (11.2 dBf) |
|------|-------------------|

#### Selectivity / 選択度

|            |       |
|------------|-------|
| at 400 kHz | 70 dB |
|------------|-------|

#### Signal to Noise Ratio / 信号対雑音比 (IHF)

|               |               |
|---------------|---------------|
| Mono / Stereo | 76 dB / 70 dB |
|---------------|---------------|

#### Harmonic Distortion / 歪率

|             |             |
|-------------|-------------|
| (1 kHz)     |             |
| Mono/Stereo | 0.2 / 0.3 % |

#### Stereo Separation / ステレオセパレーション

|       |       |
|-------|-------|
| 1 kHz | 45 dB |
|-------|-------|

#### Frequency Response / 周波数特性

|                 |              |
|-----------------|--------------|
| 20 Hz to 15 kHz | +0.5 / -2 dB |
|-----------------|--------------|

#### Antenna Input / アンテナ入力

|  |                    |
|--|--------------------|
|  | 75 ohms unbalanced |
|--|--------------------|

### ■ AM Section / AM部 (except DSP-AX630SE)

#### Tuning Range / 受信周波数範囲

|                         |                                 |
|-------------------------|---------------------------------|
| U, C models             | 530 to 1,710 kHz                |
| A, B, G, L, K, J models | 531 to 1,611 kHz                |
| R, T models             | 530 to 1,710 / 531 to 1,611 kHz |

#### Usable Sensitivity / 実用感度

|  |          |
|--|----------|
|  | 300 µV/m |
|--|----------|

#### Antenna / アンテナ入力

|  |              |
|--|--------------|
|  | Loop Antenna |
|--|--------------|

### ■ General / 総合

#### Power Supply / 電源電圧

|                |                                |
|----------------|--------------------------------|
| U, C models    | AC 120 V, 60 Hz                |
| A model        | AC 240 V, 50 Hz                |
| B, G, L models | AC 230 V, 50 Hz                |
| R model        | AC 110/120/220/240 V, 50/60 Hz |
| T model        | AC 220 V, 50 Hz                |
| K model        | AC 220 V, 60 Hz                |
| J model        | AC 100V, 50/60 Hz              |

#### Power Consumption / 消費電力

|                            |                |
|----------------------------|----------------|
| U, C models                | 290 W / 370 VA |
| A, B, G, L, R, T, K models | 290 W          |
| J model                    | 230 W          |

#### Standby Power Consumption (reference data) / 待機電力(参考値)

|                         |       |
|-------------------------|-------|
| U, C, A, T, K, J models | 0.6 W |
| A, B, G, L models       | 0.7 W |

#### Maximum Power Consumption

|                      |       |
|----------------------|-------|
| (6ch Drive, 10% THD) |       |
| R model              | 660 W |

**AC Outlets / ACアウトレット**

2 switched outlets  
 U, C, G, L, J models ..... 100 W max. total  
 R, T models ..... 50 W max. total  
 1 switched outlet  
 A, B models ..... 100W max.

**Dimensions / 寸法 (W x H x D)**

..... 435 x 161 x 390 mm (17-1/8" x 6-5/16" x 15-3/8")

**Weight / 重量**

..... 11.5 kg (25 lbs. 6 oz.)

**Finish / 仕上げ**

RX-V730/RX-V630 ..... Gold color (L, R, T, K) models  
 ..... Black color (U, C, A, R) models  
 RX-V730RDS ..... Gold color (G) model  
 ..... Black color (B, G) models  
 ..... Titan color (G) model  
 RX-V630RDS ..... Gold color (G) model  
 ..... Black color (B, G) models  
 ..... Titan color (B, G) models  
 HTR-5560 ..... Gold color (T, K) model  
 ..... Black color (U, C, A) models  
 ..... Titan color (U, C) models  
 HTR-5560RDS ..... Black color (G) model  
 ..... Titan color (G) model  
 DSP-AX630 ..... Gold color (J) model  
 DSP-AX630SE ..... Gold color (G) model  
 ..... Black color (B, G) models  
 ..... Titan color (B, G) models

**Accessories / 付属品**

Remote Control, Batteries (Manganese Dry), Indoor FM Antenna,  
 AM Loop Antenna, PAL 75/300 Socket [B model]

\* Specifications are subject to change without notice due to product improvements.

※ 参考仕様および外観は予告なく変更されることがあります。

U ..... U.S.A. model                      C ..... Canadian model  
 A ..... Australian model                B ..... British model  
 G ..... European model                L ..... Singapore model  
 R ..... General model                  T ..... Chinese model  
 K ..... Korean model                    J ..... Japanese model



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**• Set Menu Table / セットメニュー**

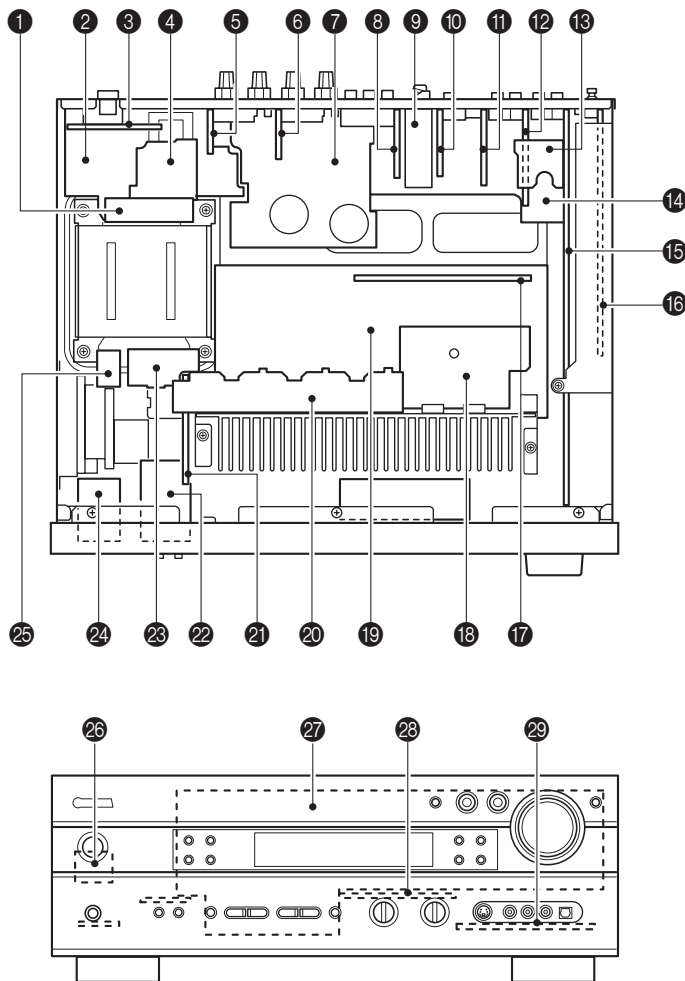
| No. | MAIN MENU       | SUB MENU: PRESET VALUE                                                                                                                                                                                                |                                                                                                                                                                                                                       | SETTING RANGES                                                                                                    |
|-----|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|     |                 | RX-V730/RX-V730RDS                                                                                                                                                                                                    | RX-V630/RX-V630RDS/HTR-5560/<br>HTR-5560RDS/DSP-AX630/DSP-AX630SE                                                                                                                                                     |                                                                                                                   |
| 1.  | SPEAKER SET     | 1A. CENTER SP: LARGE<br>1B. MAIN SP: LARGE<br>1C. REAR L/R SP: LARGE<br>1D. REAR CT SP: LARGE<br>1E. LFE/BASS OUT: BOTH<br>1F. MAIN LEVEL: NORMAL                                                                     | 1A. CENTER SP: LARGE<br>1B. MAIN SP: LARGE<br>1C. REAR L/R SP: LARGE<br>1D. REAR CT SP: LARGE<br>1E. LFE/BASS OUT: BOTH<br>1F. MAIN LEVEL: NORMAL                                                                     | LARGE, SMALL, NONE<br>LARGE, SMALL<br>LARGE, SMALL, NONE<br>LARGE, SMALL, NONE<br>SW, MAIN, BOTH<br>NORMAL, -10dB |
| 2.  | LFE LEVEL       | SP LFE LEVEL: 0dB<br>HP LFE LEVEL: 0dB                                                                                                                                                                                | SP LFE LEVEL: 0dB<br>HP LFE LEVEL: 0dB                                                                                                                                                                                | -20dB — 0dB (1dB step)<br>-20dB — 0dB (1dB step)                                                                  |
| 3.  | SP DELAY TIME   | CENTER DELAY: 0ms<br>REAR CENTER DELAY: 3ms                                                                                                                                                                           | CENTER DELAY: 0ms<br>REAR CENTER DELAY: 3ms                                                                                                                                                                           | 0ms — 5ms (1ms step)<br>0ms — 30ms (1ms step)                                                                     |
| 4.  | DYNAMIC RANGE   | SP DYNAMIC RANGE: MAX<br>HP DYNAMIC RANGE: MAX                                                                                                                                                                        | SP DYNAMIC RANGE: MAX<br>HP DYNAMIC RANGE: MAX                                                                                                                                                                        | MAX, STD, MIN<br>MAX, STD, MIN                                                                                    |
| 5.  | L/R BALANCE     | CENTER                                                                                                                                                                                                                | CENTER                                                                                                                                                                                                                | L, ... , CENTER, ... , R (40 steps)                                                                               |
| 6.  | HP TONE CONTROL | HP BASS: 0dB<br>HP TREBLE: 0dB                                                                                                                                                                                        | HP BASS: 0dB<br>HP TREBLE: 0dB                                                                                                                                                                                        | -6dB — +3dB (1dB step)<br>-6dB — +3dB (1dB step)                                                                  |
| 7.  | INPUT RENAME    | DVD → __ DVD __                                                                                                                                                                                                       | —                                                                                                                                                                                                                     |                                                                                                                   |
| 8.  | I/O ASSIGNING   | 8A [A]. CV INPUT 1: DVD<br>8A [B]. CV INPUT 2: D-TV/CBL<br>8B (1). OPTICAL OUT 1: MD/CD-R<br>8C (2). OPTICAL IN 1: MD/CD-R<br>8C (3). OPTICAL IN 2: DVD<br>8C (4). OPTICAL IN 3: D-TV/CBL<br>8D (5). COAXIAL IN 1: CD | 7A [A]. CV INPUT 1: DVD<br>7A [B]. CV INPUT 2: D-TV/CBL<br>7B (1). OPTICAL OUT 1: MD/CD-R<br>7C (2). OPTICAL IN 1: MD/CD-R<br>7C (3). OPTICAL IN 2: DVD<br>7C (4). OPTICAL IN 3: D-TV/CBL<br>7D (5). COAXIAL IN 1: CD | DVD<br>D-TV/CBL<br>MD/CD-R<br>MD/CD-R<br>DVD<br>D-TV/CBL<br>CD                                                    |
| 9.  | INPUT MODE      | AUTO                                                                                                                                                                                                                  | AUTO                                                                                                                                                                                                                  | AUTO/LAST                                                                                                         |
| 10. | DISPLAY SET     | BLUE BACK: AUTO<br>OSD SHIFT: 0<br>DIMMER: 0                                                                                                                                                                          | —<br>—<br>DIMMER: 0                                                                                                                                                                                                   | AUTO/OFF<br>-5 — +5 (1 step)<br>-4 — 0 (1 step)                                                                   |
| 11. | MEMORY GUARD    | OFF                                                                                                                                                                                                                   | OFF                                                                                                                                                                                                                   | OFF/ON                                                                                                            |
| 12. | DUAL MONO       | MAIN (Not applicable)                                                                                                                                                                                                 | MAIN (Applicable to J model only)                                                                                                                                                                                     | MAIN, SUB, ALL                                                                                                    |

• The variable range of the parameter (Min/Max/Step) / パラメーターの可変範囲（最小/最大/ステップ）

| Parameter name | Pro Logic | Pro Logic II<br>Movie | Pro Logic II<br>Music | 2ch         | DD/dts/AAC  | 6.1/ES      | Unit |
|----------------|-----------|-----------------------|-----------------------|-------------|-------------|-------------|------|
| (P.) INIT. DLY | -         | -                     | -                     | 1/99/1      | 1/99/1      | 1/99/1      | ms   |
| (P.) ROOM SIZE | -         | -                     | -                     | 0.1/2.0/0.1 | 0.1/2.0/0.1 | 0.1/2.0/0.1 | -    |
| (P.) LIVENESS  | -         | -                     | -                     | 0/10/1      | 0/10/1      | 0/10/1      | -    |
| S. DELAY       | -         | -                     | -                     | -           | 0/15/1      | 0/15/1      | ms   |
| S. INIT. DLY   | 10/25/1   | 10/25/1               | 0/15/1                | 0/49/1      | 0/49/1      | 0/49/1      | ms   |
| S. ROOM SIZE   | -         | -                     | -                     | 0.1/2.0/0.1 | 0.1/2.0/0.1 | 0.1/2.0/0.1 | -    |
| S. LIVENESS    | -         | -                     | -                     | 0/10/1      | 0/10/1      | 0/10/1      | -    |
| RC. INT. DLY   | -         | -                     | -                     | -           | -           | 1/49/1      | ms   |
| RC. ROOM SIZE  | -         | -                     | -                     | -           | -           | 0.1/2.0/0.1 | -    |
| RC. LIVENESS   | -         | -                     | -                     | -           | -           | 0/10/1      | -    |
| REV. TIME      | -         | -                     | -                     | 1.0/5.0/0.1 | 1.0/5.0/0.1 | 1.0/5.0/0.1 | s    |
| REV. DELAY     | -         | -                     | -                     | 0/250/1     | 0/250/1     | 0/250/1     | ms   |
| REV. LEVEL     | -         | -                     | -                     | 0/100/1     | 0/100/1     | 0/100/1     | %    |
| Panorama       | -         | OFF                   | OFF/ON                | -           | -           | -           | -    |
| Dimension      | -         | 0 (STD)               | -3/+3/1               | -           | -           | -           | -    |
| C. Width       | -         | 0                     | 0/7/1                 | -           | -           | -           | -    |

| 6ch Stereo Parameter |         | Unit |
|----------------------|---------|------|
| CT. LEVEL            | 0/100/1 | %    |
| RL. LEVEL            | 0/100/1 | %    |
| RC. LEVEL            | 0/100/1 | %    |
| RR. LEVEL            | 0/100/1 | %    |

■ INTERNAL VIEW



- ① POWER (3) P.C.B.
- ② POWER (1) P.C.B.
- ③ POWER (2) P.C.B. (R, T models only)
- ④ MAIN (6) P.C.B.
- ⑤ MAIN (8) P.C.B.
- ⑥ MAIN (7) P.C.B.
- ⑦ MAIN (2) P.C.B.
- ⑧ POWER (8) P.C.B.
- ⑨ TUNER
- ⑩ FUNCTION (3) P.C.B.
- ⑪ FUNCTION (5) P.C.B.
- ⑫ FUNCTION (2) P.C.B.
- ⑬ FUNCTION (6) P.C.B.
- ⑭ FUNCTION (4) P.C.B.
- ⑮ FUNCTION (1) P.C.B.
- ⑯ DSP P.C.B.
- ⑰ MAIN (3) P.C.B.
- ⑱ POWER (4) P.C.B.
- ⑲ MAIN (1) P.C.B.
- ⑳ MAIN (4) P.C.B.
- ㉑ POWER (5) P.C.B.
- ㉒ MAIN (9) P.C.B.
- ㉓ POWER (6) P.C.B.
- ㉔ MAIN (5) P.C.B.
- ㉕ OPERATION (3) P.C.B.
- ㉖ OPERATION (2) P.C.B.
- ㉗ OPERATION (1) P.C.B.
- ㉘ OPERATION (5) P.C.B.
- ㉙ OPERATION (4) P.C.B.

## ■ DISASSEMBLY PROCEDURE / 分解手順

(Remove parts in the order as numbered.)  
Disconnect the power cord from the AC outlet.

### 1. Removal of Top Cover

- Remove 4 screws (①) and 4 screws (②). (Fig. 1)
- Slide the Top Cover rearward to remove it. (Fig. 1)

### 2. Removal of Front Panel

- Remove the BASS and TREBLE knobs (③). (Fig. 1)
- Remove 6 screws (④) and then remove the Front Panel. (Fig. 1)

### 3. Removal of Sub Chassis

- Remove 2 push rivets (⑤) and then remove the Side Plates. (Fig. 1)
- Remove 2 screws (⑥) and then remove the Sub Chassis. (Fig. 2)
- Remove CB307, 441~443. (Fig. 2)
- Loosen the harness fixture fixing the cable.

(番号順に部品を取り外してください。)  
AC電源コンセントから、電源コードを抜いてください。

### 1. トップカバーの外し方

- ①のネジ4本、②のネジ4本を外します。(Fig. 1)
- トップカバーを後方へスライドさせ、取り外します。(Fig. 1)

### 2. フロントパネルの外し方

- ③のBASSツマミ、TREBLEを外します。(Fig. 1)
- ④のネジ6本を外し、フロントパネルを取り外します。(Fig. 1)

### 3. サブシャーシの外し方

- ⑤のプッシュリベット2本を外し、サイドプレートを取り外します。(Fig. 1)
- ⑥のネジ2本を外し、サブシャーシを取り外します。(Fig. 2)
- CB307、441~443を外します。
- ケーブルを固定している束線止めをゆるめます。

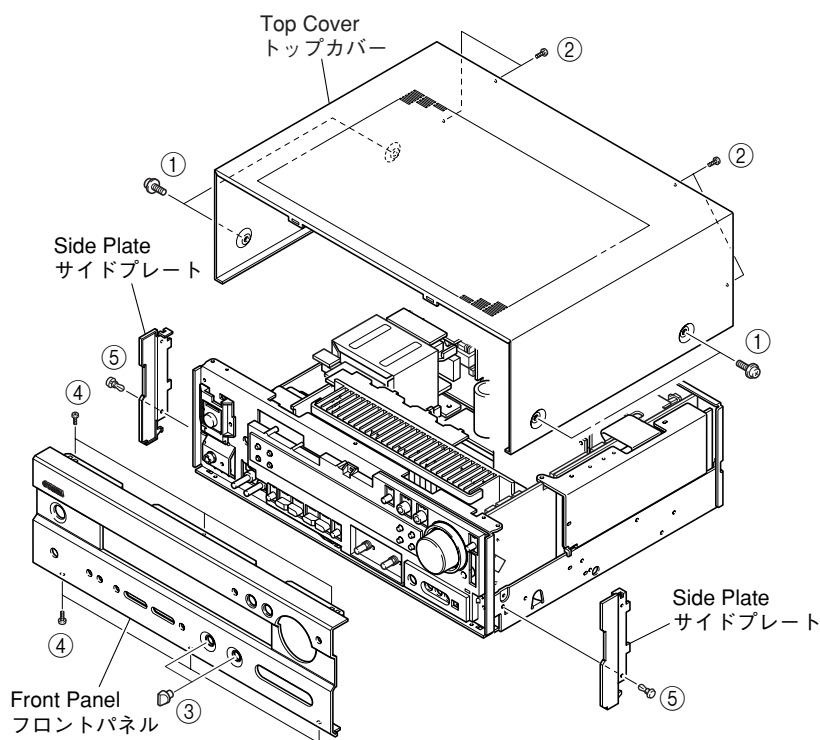


Fig. 1

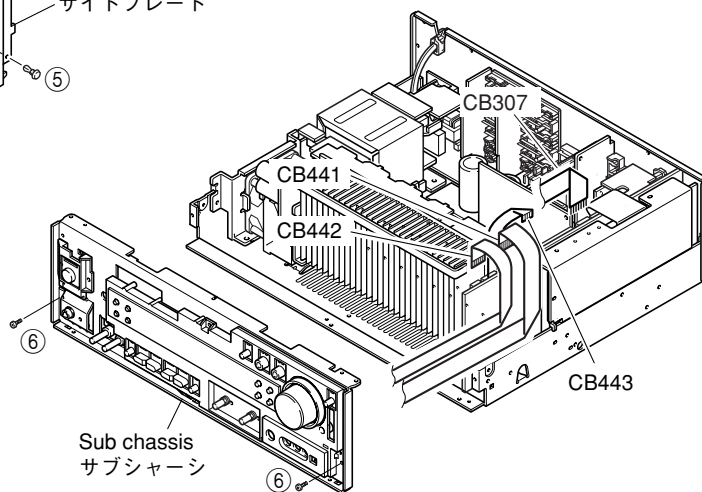


Fig. 2

#### 4. Removal of DSP P.C.B.

- Remove 4 screws (⑦) and 1 screw (⑧), and then remove the Shield Case Cover. (Fig. 3)
- Remove 2 screws (⑨). (Fig. 3)
- Remove 5 screws (⑩). (Fig. 4)
- Remove CB306. (Fig. 3)
- Remove the Shield Case and the DSP P.C.B.. (Fig. 3)

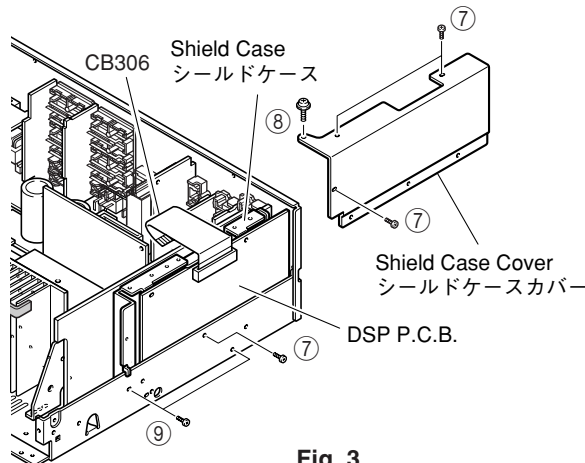


Fig. 3

#### 4. DSP P.C.B.の外し方

- ⑦のネジ4本、⑧のネジ1本を外し、シールドケースカバーを取り外します。(Fig. 3)
- ⑨のネジ2本を外します。(Fig. 3)
- ⑩のネジ5本を外します。(Fig. 4)
- CB306を外します。(Fig. 3)
- シールドケースとDSP P.C.B.を取り外します。(Fig. 3)

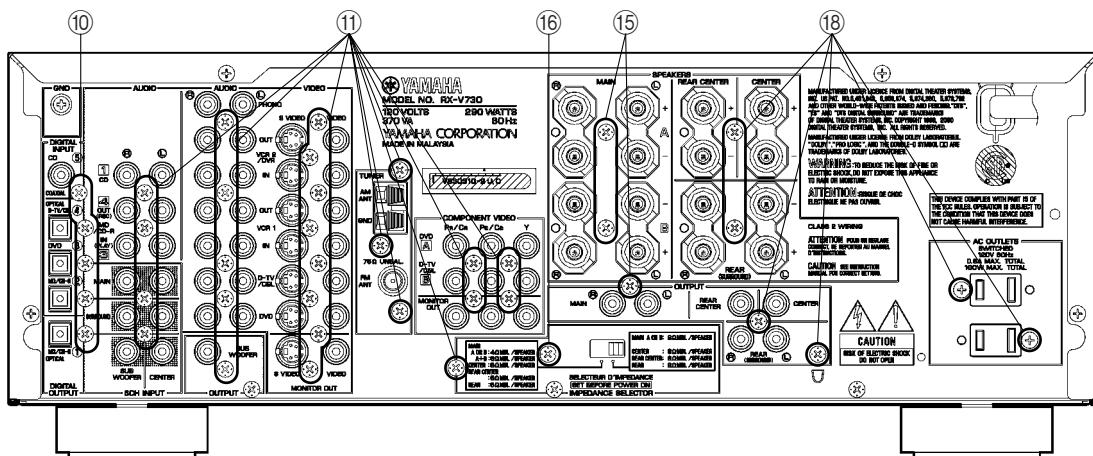


Fig. 4

#### 5. Removal of FUNCTION (1) ~ (6), POWER (8) P.C.B.s and Tuner

- Remove CB308. (Fig. 5)
- Remove 25 screws (⑪). (Fig. 4)
- Remove 1 screw (⑫). (Fig. 5)
- Remove FUNCTION (1) ~ (6), POWER (8) P.C.B.s and the Tuner. (Fig. 5)

#### 5. FUNCTION (1) ~ (6)、POWER (8) P.C.B.、TUNERの外し方

- CB308を外します。(Fig. 5)
- ⑪のネジ25本を外します。(Fig. 4)
- ⑫のネジ1本を外します。(Fig. 5)
- FUNCTION (1) ~ (6)、POWER (8) P.C.B.、TUNERを取り外します。(Fig. 5)

#### When checking the P.C.B.:

- Put a rubber sheet and a cloth over the equipment. Then place the P.C.B. upside down on the cloth and check it. (Fig. 6)
- Reconnect all cables (connectors) that have been disconnected.
- The P.C.B. removed from the rear panel no longer has a ground connection. Be sure to connect the ground of each P.C.B. to the chassis or GND with a jumper wire or the like.

#### P.C.B.チェックをする場合には

- 本機の上にゴムシートと布を敷き、その上にP.C.B.を裏返しに置いてチェックします。(Fig. 6)
- 外したケーブル(コネクタ)をすべて接続してください。
- リアパネルから外したP.C.B.はアースが浮いて動作しませんので、各P.C.B.のアースをリード線等でシャーシまたはGNDに接続してください。

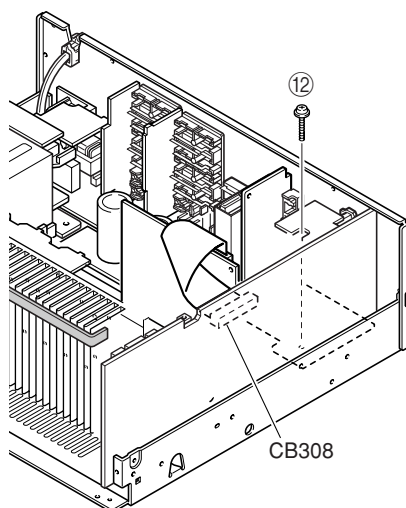


Fig. 5

#### 6. Removal of MAIN (1), MAIN (3), MAIN (4), POWER (4) and POWER (5) P.C.B.s

- Remove CB253. (Fig. 7)
- Remove 1 screw (13) and 4 screws (14). (Fig. 7)
- Remove MAIN (1), MAIN (3), MAIN (4), POWER (4) and the POWER (5). (Fig. 7)

#### 7. Removal of MAIN (7) and MAIN (2) P.C.B.s

- Remove 3 screws (15). (Fig. 4)
- Remove MAIN (7) P.C.B.. (Fig. 7)
- Remove 1 screw (16). (Fig. 4)
- Remove 1 screw (17). (Fig. 7)
- Remove MAIN (2) P.C.B.. (Fig. 7)

#### 8. Removal of MAIN (8) P.C.B.

- Remove 6 screws (18). (Fig. 4)
- Remove 1 screw (19). (Fig. 8)
- Remove MAIN (8) P.C.B. while moving POWER (1) P.C.B. toward the front panel side.

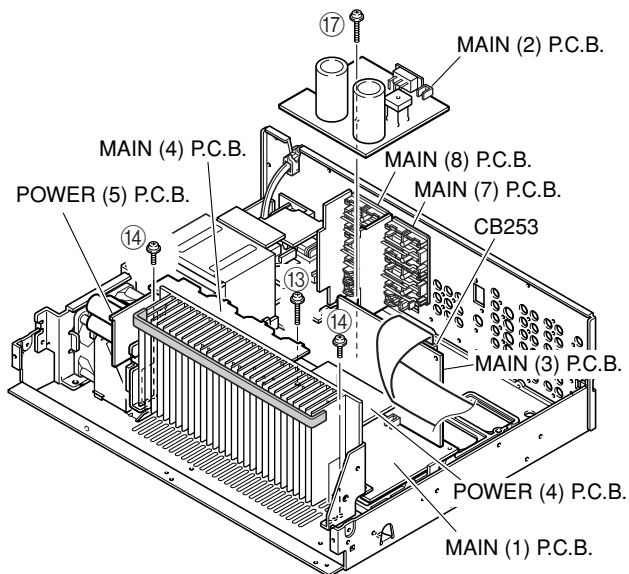


Fig. 7

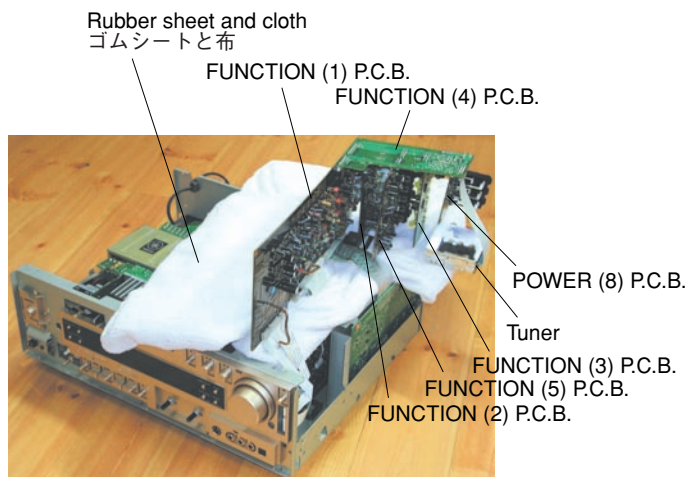


Fig. 6

#### 6. MAIN (1)、MAIN (3)、MAIN (4)、POWER (4)、POWER (5) P.C.B.の外し方

- CB253を外します。(Fig. 7)
- 13のネジ1本、14のネジ4本を外します。(Fig. 7)
- MAIN (1)、MAIN (3)、MAIN (4)、POWER (4) P.C.B.、POWER (5) P.C.B.を取り外します。(Fig. 7)

#### 7. MAIN (7)、MAIN (2) P.C.B.の外し方

- 15のネジ3本を外します。(Fig. 4)
- MAIN (7) P.C.B.を取り外します。(Fig. 7)
- 16のネジ1本を外します。(Fig. 4)
- 17のネジ1本を外します。(Fig. 7)
- MAIN (2) P.C.B.を取り外します。(Fig. 7)

#### 8. MAIN (8) P.C.B.の外し方

- 18のネジ6本を外します。(Fig. 4)
- 19のネジ1本を外します。(Fig. 8)
- POWER (1) P.C.B.をフロントパネル側にずらしながら、MAIN (8) P.C.B.を取り外します。

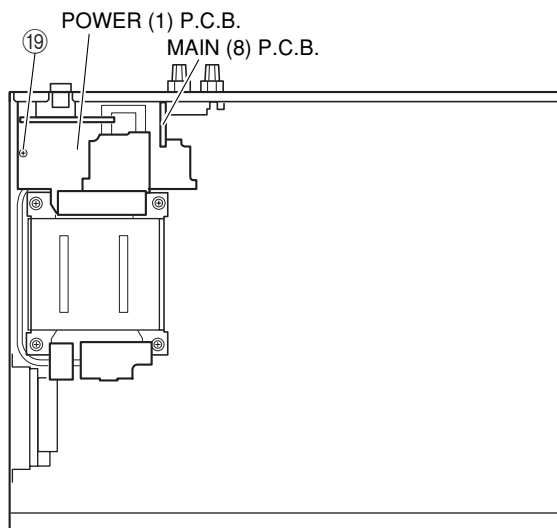


Fig. 7

## Replacement of Power Transistor, Speaker Protection Relay

It is easy to replace the power transistor and speaker protection relay of this unit according to the following procedure.

- Remove the top cover. (Refer to "1. Top Cover Removal" on p.15.)
- Remove 1 screw (⑬) and 4 screws (⑭). (Fig. 7)
- Replace the flexible flat cable connecting CB253 of MAIN (3) P.C.B. and CB308 or FUNCTION (1) P.C.B. with the extension cable specified below. (Fig. 9)

Extension cable: MF136300

- Raise the MAIN P.C.B. (Fig. 10)
- In this state, the power transistor and speaker protection relay can be replaced.

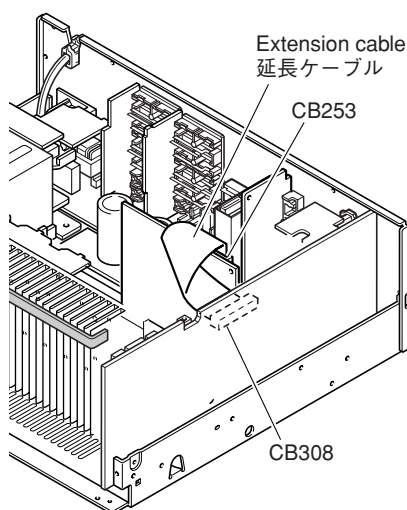


Fig. 9

## パワートランジスタ、スピーカー保護リレーの交換手順

本機は、パワートランジスタおよびスピーカー保護リレーを容易に交換することができます。

- トップカバーを外します。(15ページ “1. トップカバーの外し方”参照)
- ⑬のネジ1本、⑭のネジ4本を外します。(Fig. 7)
- MAIN (3) P.C.B.のCB253とFUNCTION (1) P.C.B.のCB308を接続するFLEXIBLE FLAT CABLEを、下記のサービス用延長ケーブルに交換します。(Fig. 9)  
延長ケーブル：MF136300
- MAIN P.C.B.を起こします。(Fig. 10)
- この状態でパワートランジスタ、スピーカー保護リレーを交換することができます。



Fig. 10

## ■ SELF DIAGNOSIS FUNCTION (DIAG)／自己診断機能 (ダイアグ)

There are 14 DIAG menu items, each of which has sub-menu items.

Listed in the table below are menu items and sub-menu items.

本機には、検査、測定、不良個所の発見を目的にした自己診断機能 (ダイアグ) があります。

ダイアグメニューは14個あり、そのそれぞれにサブメニューがあります。(ダイアグのメニュー操作は本体+付属リモコンで行います。) 下表はメニュー一覧です。

| No | DIAG menu                                   | sub-menu                                                                            |
|----|---------------------------------------------|-------------------------------------------------------------------------------------|
| 1  | DSP THROUGH <span>1. ANALOG BYPAS</span>    | 1. ANALOG BYPASS                                                                    |
|    |                                             | 2. YSS 0dB                                                                          |
|    |                                             | 3. YSS Front 0dB                                                                    |
|    |                                             | 4. YSS FULL BIT                                                                     |
|    |                                             | 5. YSS FULL BIT F                                                                   |
| 2  | RAM THROUGH <span>2. RAM 0dB</span>         | RAM 0dB                                                                             |
| 3  | PRO LOGIC <span>3. PRO LOGIC I</span>       | 1. PRO LOGIC I                                                                      |
|    |                                             | 2. PRO LOGIC II                                                                     |
| 4  | SPEAKER SET <span>4. MAIN: SML 0dB</span>   | 1. MAIN: SMALL 0dB                                                                  |
|    |                                             | 2. CENTER: NONE                                                                     |
|    |                                             | 3. LFE/BASS: MAIN                                                                   |
|    |                                             | 4. Front Mix: 5ch                                                                   |
|    |                                             | 5. REAR CENTER                                                                      |
| 5  | MARGIN CHECK <span>5. MAIN 12dB</span>      | 1. MAIN 12 dB MARGIN                                                                |
|    |                                             | 2. MAIN 18 dB MARGIN                                                                |
| 6  | OTHER INPUT <span>6. EXTERNAL DEC</span>    | EXTERNAL DECODER                                                                    |
| 7  | DISPLAY CHECK <span>7. VFD CHECK</span>     | 1. VFD CHECK (Initial display / 初期表示)                                               |
|    |                                             | 2. VFD DISP OFF (All segments OFF / 全セグメント消灯)                                       |
|    |                                             | 3. VFD DISP ALL (All segments ON 100% / 全セグメント点灯100%)                               |
|    |                                             | 4. VFD DIMMER (All segments ON 50% / 全セグメント点灯50%)                                   |
|    |                                             | 5. CHECKED PATTERN (ON in lattice / 格子状点灯)                                          |
| 8  | MANUAL TEST <span>8. TEST ALL</span>        | 1. TEST ALL                                                                         |
|    |                                             | 2. TEST MAIN L                                                                      |
|    |                                             | 3. TEST CENTER                                                                      |
|    |                                             | 4. TEST MAIN R                                                                      |
|    |                                             | 5. TEST REAR R                                                                      |
|    |                                             | 6. TEST REAR CENTER                                                                 |
|    |                                             | 7. TEST REAR L                                                                      |
|    |                                             | 8. TEST LFE                                                                         |
| 9  | FACTORY PRESET <span>9. PRESET INHI</span>  | 1. PRESET INHIBITED (memory initialization inhibited / メモリーの初期化禁止)                  |
|    |                                             | 2. PRESET RESERVED (memory initialized / メモリーの初期化)                                  |
| 10 | AD DATA CHECK /FAN TEST <span>PS:038</span> | 1. PS (protection)                                                                  |
|    |                                             | 2. K0/K1 (panel key)                                                                |
|    |                                             | 3. K2 (panel key)                                                                   |
|    |                                             | 4. IMP SW/POWER LIMIT                                                               |
|    |                                             | 5. THM/FAN OUT                                                                      |
|    |                                             | 6. FAN DRIVE TEST: HIGH (Fan test only applies to models with a fan. / ファン装備モデルに適用) |
|    |                                             | 7. FAN DRIVE TEST: MID (Fan test only applies to models with a fan. / ファン装備モデルに適用)  |
|    |                                             | 8. FAN DRIVE TEST: LOW (Fan test only applies to models with a fan. / ファン装備モデルに適用)  |
| 11 | IF STATUS <span>IS1:440308C000</span>       | 1. INSIDE STATUS 1 (5 Byte)                                                         |
|    |                                             | 2. INSIDE STATUS 2 (3 Byte)                                                         |
|    |                                             | 3. INSIDE STATUS 3 (4 Byte)                                                         |
|    |                                             | 4. CHANNEL STATUS 1 (5 Byte)                                                        |
|    |                                             | 5. CHANNEL STATUS 2 (5 Byte)                                                        |
|    |                                             | 6. CHANNEL STATUS 3 (5 Byte)                                                        |
|    |                                             | 7. CHANNEL STATUS 4 (5 Byte)                                                        |
|    |                                             | 8. CHANNEL STATUS 5 (4 Byte)                                                        |
|    |                                             | 9. BSI (YSS) 1 (5 Byte)                                                             |
|    |                                             | 10. BSI (YSS) 2 (5 Byte)                                                            |

| No | DIAG menu                                            | sub-menu                                                                                                    |
|----|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|    |                                                      | 11. BSI (YSS) 3 (5 Byte)                                                                                    |
|    |                                                      | 12. BSI (YSS) 4 (4 Byte)                                                                                    |
|    |                                                      | 13. BSI (CS) 1 (5 Byte)                                                                                     |
|    |                                                      | 14. BSI (CS) 2 (5 Byte)                                                                                     |
|    |                                                      | 15. BSI (CS) 3 (5 Byte)                                                                                     |
|    |                                                      | 16. BSI (CS) 4 (5 Byte)                                                                                     |
|    |                                                      | 17. BSI (CS) 5 (1 Byte)                                                                                     |
|    |                                                      | 18. YSS938-1 (5 Byte)                                                                                       |
|    |                                                      | 19. YSS938-2 (5 Byte)                                                                                       |
|    |                                                      | 20. YSS938-3 (4 Byte)                                                                                       |
|    |                                                      | 21. CS49329 (3 Byte)                                                                                        |
|    |                                                      | 22. Mute Trigger (5 Byte)                                                                                   |
| 12 | DSP RAM CHECK <div>VSS BUS:NoEr</div>                | 1. YSS938 BUS CHECK<br>2. PLD/CS BUS CHECK                                                                  |
| 13 | SOFT SWITCH <div>13. SW :PCB</div>                   | 1. SW MODE<br>2. MODEL SETTING<br>3. TUNER DESTINATION<br>4. TUNER EXIST<br>6. RDS EXIST<br>7. VIDEO FORMAT |
| 14 | ROM VERSION/CHECK SUM/<br>PORT <div>VER. XXXXX</div> | 1. VERSION<br>2. CHECK SUM ALL/PROGRAM<br>3. PORT<br>4. AAC PORT                                            |

● Starting DIAG

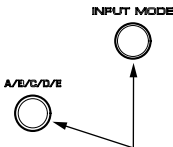
Press the “STANDBY/ON” key while simultaneously pressing those two keys of the main unit as indicated in the figure below.

● ダイアグの起動

本体の下图に示すキーを同時に押しながら“STANDBY/ON”キーを押すと、ダイアグが起動します。

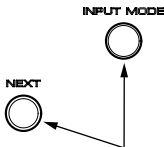
Keys of main unit / 本体キー

except DSP-AX630SE / DSP-AX630SE以外



Turn on the power while pressing these keys.  
これらのキーを同時に押しながら、パワーオンする。

DSP-AX630SE



Turn on the power while pressing these keys.  
これらのキーを同時に押しながら、パワーオンする。

● Starting DIAG in the protection cancel mode

If the protection function works and causes hindrance to trouble diagnosis, cancel the protection function as described below, and it will be possible to enter the DIAG mode. (The protection functions other than the excess current detect function will be disabled.)

Press the “STANDBY/ON” key while simultaneously pressing those two keys indicated in the figure above. At this time, keep pressing those two keys for 3 seconds or longer.

In this mode, the “SLEEP” segment of the FL display of the main unit flashes to indicate that the mode is DIAG mode with the protection functions disabled.

● プロテクション解除モードでの起動

プロテクションが動作することにより、故障箇所の診断に支障をきたすような場合は、次の方法によりプロテクションを解除した状態でダイアグモードに入ることが出来ます。(過電流検出以外のプロテクション動作を解除する)

上図のキーを同時に押しながら“STANDBY/ON”キーを押します。このとき、上図のキーを3秒以上押し続けてください。

このモードでは本体FLの“SLEEP”セグメントが点滅し、プロテクションを解除した状態でのダイアグモードであることを知らせます。

## CAUTION!

Using this product with the protection function disabled may cause damage to itself. Use special care for this point when using this mode.

## 注意！

プロテクションを解除した状態でのダイアグモードは、危険な状態でもプロテクションが作動しないため、動作させると、機器を破壊することがあります。このモードを使用する場合は十分注意してください。

## • Canceling DIAG

[1] Before canceling DIAG, execute setting for PRESET of DIAG menu No.9 (Memory initialization inhibited or Memory initialized).

\* In order to keep the user memory stored, be sure to select PRESET INHIBITED (Memory initialization inhibited). Protection history will remain memory.

[2] Turn off the power by pressing the “STANDBY/ON” key of the main unit.

## ● ダイアグの解除

① ダイアグを解除する前に、ダイアグメニューNo.9のFACTORY PRESET (メモリーの初期化禁止/またはメモリーの初期化)の設定をします。

※ ユーザーメモリーを保持したい場合は、必PRESET INHIBITED (メモリー初期化禁止)を選択してください。

② 本体の“STANDBY/ON”キーを押し、パワーオフにします。

## • Display provided when DIAG started

RX-V730/RX-V730RDS: When the monitor is connected, DIAGNOSTIC MENU appears on its screen as shown in the figure. (It remains on display until DIAG is cancelled.)

## ● ダイアグ起動時の表示

RX-V730/RX-V730RDS: モニターを接続してある場合は、モニターの画面に図のようにダイアグメニューの一覧が表示されます。(ダイアグを解除するまで、この表示が保持されます)

| DIAGNOSTIC MENU |               |
|-----------------|---------------|
| 1. DSP THR      | 10. AD/FAN    |
| 2. RAM THR      | 11. IF STATUS |
| 3. PRO LOGIC    | 12. DSP RAM   |
| 4. SP SET       | 13. SOFT SW   |
| 5. MARGIN       | 14. VER/SUM/P |
| 6. OTHER INP    |               |
| 7. VFD CHECK    |               |
| 8. MAN' L TEST  |               |
| 9. PRESET       |               |

The FL display of the main unit displays the protection function history data and the version (1 alphabet) and the DIAG menu [sub-menu (ANALOG BYPASS) of DIAG menu No.1 DSP THROUGH] a few seconds later.

本体のFLディスプレイにプロテクション履歴情報とバージョン(英1文字)が表示され、数秒後にダイアグメニュー(No.1 DSP THROUGHのサブメニューANALOG BYPASS)になります。

### When there is no history of protection function:

#### Opening message / オープニング表示

When there is no history  
of protection function  
プロテクション履歴が  
ない場合

Version (1 alphabet)  
バージョン(英1文字)

After a few seconds  
数秒後

NO PROTECT Z



1. ANALOG BYPAS

### プロテクション履歴がない場合:

#### DIAG menu display / ダイアグメニュー表示

### When there is a history of protection function:

When there is a history of protection  
function due to excess current  
過電流によるプロテクション  
履歴がある場合

Version (1 alphabet)  
バージョン(英1文字)

I PROTECT Z

### プロテクション履歴がある場合:

**Cause:** An excessive current flowed through the power amplifier.

**Supplementary information:** As current of the power transistor is detected, the abnormal channel can be identified by checking the current detect transistor.

Turning on the power without correcting the abnormality will cause the protection function to work immediately and the power supply will instantly be shut off.

原因：パワーアンプに過電流が流れた。

補足：パワートランジスタの電流を検出していますので、電流検出トランジスタをチェックすれば異常チャンネルが特定できます。

異常状態のままパワーオンすると、瞬時にプロテクションがかかり、すぐに電源が切れます。

**Note)**

- Applying the power to a unit without correcting the abnormality can be dangerous and cause additional circuit damage.
- The output transistors in each amplifier channel should be checked for damage before applying any power.
- Amplifier current should be monitored by measuring across the emitter resistors for each channel.

When there is a history of protection function due to abnormal voltage in the power supply section  
電源部の電圧異常によるプロテクション履歴がある場合 \

Version (1 alphabet)  
バージョン(英1文字)

PS PRT: 000 Z

Voltage display in %  
電圧の%表示

**Cause:** The voltage in the power supply section is abnormal.

**Supplementary information:** The abnormal voltage is displayed in % based on 5V as 100%.

Turning on the power without correcting the abnormality will cause the protection function to work 1 second later and the power supply will be shut off.

原因：電源部の電圧が異常。

補足：異常時の電圧の状態を、5Vを100%とした値で%表示します。

異常状態のままパワーオンすると、1秒後にプロテクションがかかり、電源が切れます。

When there is a history of protection function due to abnormal DC output  
DC出力異常によるプロテクション履歴がある場合 \

Version (1 alphabet)  
バージョン(英1文字)

DC PRT: Z

**Cause:** DC output of the power amplifier is abnormal.

Turning on the power without correcting the abnormality will cause the protection function to work 3 seconds later and the power supply will be shut off.

原因：パワーアンプのDC出力が異常。

異常状態のままパワーオンすると、3秒後にプロテクションがかかり、電源が切れます。

When there is a history of protection function due to excessive heat sink temperature

放熱器の異常温度によるプロテクション履歴がある場合

Version (1 alphabet)

バージョン (英1文字)

TMP PRT:000 Z

Voltage display in %  
電圧の%表示

**Cause:** The temperature of the heat sink is excessive.

**Supplementary information:** The abnormal voltage is displayed in % based on 5V as 500%.

Turning on the power without correcting the abnormality will cause the protection function to work 1 second later and the power supply will be shut off.

- \* Additional causes of protection can be due to loose connections, associated components, CPU, etc.
- \* For the protection voltage value, refer to DIAG menu No.10 described later.

原因：放熱器の温度が異常。

補足：異常時の電圧の状態を、5Vを500%とした値で%表示します。

異常状態のままパワーオンすると、1秒後にプロテクションがかかり、電源が切れます。

※ 前記の異常原因の他に、コネクタのはずれやCPU周辺などに原因があります。

※ プロテクションの電圧値に関しては、後述のダイアグメニューNo.10を参照してください。

### ● History of protection function

When the protection function has worked, its history is stored in memory with a backup. Even if no abnormality is noted while servicing the unit, an abnormality which has occurred previously can be defined as long as the backup data has been stored.

The history of the protection function is cleared when DIAG is cancelled by selecting PRESET RESERVED (Memory initialized) of DIAG menu No.9 or when the backup data is erased.

### ● プロテクションの履歴

プロテクションが働いた場合、履歴をバックアップして記憶しています。サービスのときに異常が認められなくても、バックアップが残っていれば、お客様のところで起きた異常を区別できます。

プロテクションの履歴は、ダイアグメニューNo.9でPRESET RESERVED(メモリーの初期化)を選んでダイアグを解除した場合や、バックアップが消えたときにはクリアされます。

### ● Display during menu operation

During the DIAG operation, the function at work is indicated on the FL indicator. The contents displayed during the function operation are described in the later section on details of functions

### ● メニュー動作中の表示

ダイアグ中、本体のFLディスプレイに動作中の機能が表示されます。機能動作中の表示内容については、後述の機能詳細で記述します。

## ● Operation procedure of DIAG menu and SUB-MENU

There are 14 MENU items, each of which has some SUB-MENU items.

### DIAG menu selection

Main unit [except DSP-AX630SE]: Select the menu using ▷ (Forward) and ◁ (Reverse) keys of PRESET/TUNING.

Main unit [DSP-AX630SE]: Select the menu using + (Forward) and - (Reverse) keys of SET MENU.

Remote control unit: Select the menu using ∨ (Forward) and ∧ (Reverse) keys.

### SUB-MENU selection

Main unit: Select the sub-menu using ▷ (Forward) and ◁ (Reverse) keys of PROGRAM.

Remote control unit: Select the sub-menu using > (Forward) and < (Reverse) keys.

## ● ダイアグメニューとサブメニューの操作

ダイアグにはNo.1～14のメニューがあり、そのそれぞれにサブメニューがあります。

### ダイアグメニューの選択

本体キーでの操作： PRESET/TUNING ▷ (順送り), ◁ (逆送り) キーで選択します。

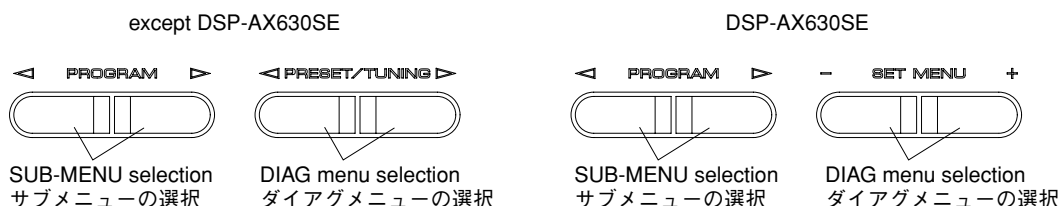
リモコンでの操作： ∨ (順送り), ∧ (逆送り) キーで選択します。

### サブメニューの選択

本体キーでの操作： PROGRAM ▷ (順送り), ◁ (逆送り) キーで選択します。

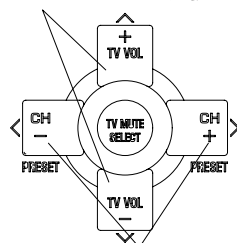
リモコンでの操作： > (順送り), < (逆送り) キーで選択します。

### Keys of main unit / 本体キー

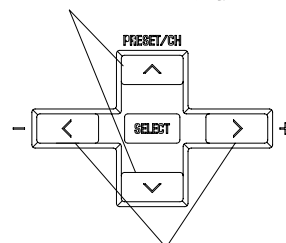


### Keys of remote control / リモコンキー

RX-V730/RX-V730RDS  
DIAG menu selection  
ダイアグメニューの選択



RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630  
DIAG menu selection  
ダイアグメニューの選択



## ● Functions in DIAG mode

In addition to the DIAG menu items, functions as listed below are available.

- Input selection, 6CH input
- Center/Rear/Sub-woofer level adjustment
- Muting
- Power on/off
- Master volume

\* Functions related to the tuner and the set menu are not available.

\* It is possible to confirm Menu No.11 IF STATUS while keeping the signal process (operation status) of each DIAG menu by using the input mode key of the main unit.

## ● Initial settings used to start DIAG

The following initial settings are used when starting DIAG. When DIAG is canceled, these settings are restored to those before starting DIAG.

- Master volume: -40dB
- Input: DVD (6CH INPUT OFF)
- Effect level: 0dB
- Audio mute: OFF
- Speaker setting: LARGE / BASS OUT = BOTH
- DIAG menu: DSP THROUGH (1. ANALOG BYPASS)

## ● ダイアグ中の機能

ダイアグメニューの他に、以下の機能が動作します。

- インプット切り換え、6CHインプット
- センター、リア、サブウーファーレベル調整
- ミューティング
- パワーオン/オフ
- マスターボリューム

※ チューナー関連、セットメニュー関連は機能しません。

※ 本体のINPUT MODEキーにより、各ダイアグメニューの信号処理(動作状態)を維持したままメニューNo.11 “IF STATUS”の確認ができます。

## ● ダイアグ開始時の初期設定

ダイアグ開始時に以下のような設定になります。ダイアグ解除時にはダイアグ開始前の状態に戻ります。

- マスターボリューム：-40dB
- インプット：DVD (6CH INPUT オフ)
- エフェクトレベル：0dB
- オーディオミュート：オフ
- スピーカー設定：LARGE / BASS OUT = BOTH
- ダイアグメニュー：DSP THROUGH (1. ANALOG BYPASS)

## ● Details of DIAG menu

With full-bit output specified in some modes, it is possible to execute 0dBFS output without head margin in each channel.

### 1. DSP THROUGH

Main DSP of YSS938 is selected for MAIN L/R output.

### ANALOG BYPASS

- The signal for L/R is output as it is without passing through the DSP section.

1. ANALOG BYPASS

Reference data

INPUT: DVD ANALOG

SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |        |             |       | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|--------|-------------|-------|-------------------------|
|                  |        | MAIN L/R              | CENTER | REAR CENTER | RL/RR |                         |
| Both ch, -20 dBV | -10 dB | +14.3 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |

### YSS 0dB

- The signal is output including the head margin.  
Head margin:  
Main L/R: 0dBFS, Center: 0dBFS,  
RL/RR: -12dBFS, SWFR: Add L/R signal at -20dBFS.

1. YSS 0dB

Reference data

INPUT: DVD ANALOG

SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |           |             |           | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|-----------|-------------|-----------|-------------------------|
|                  |        | MAIN L/R              | CENTER    | REAR CENTER | RL/RR     |                         |
| Both ch, -20 dBV | -10 dB | +14.0 dBV             | +14.0 dBV | +14.0 dBV   | +14.0 dBV | -2.5 dBV                |

### YSS Front 0dB

- The front CH signal including the head margin is output at the main CH.  
Head margin:  
Main L/R: 0dBFS, Center: -6dBFS,  
RL/RR: -12dBFS, SWFR: Add L/R signal at -20dBFS.

1. YSS Front0dB

Reference data

INPUT: DVD ANALOG

SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |        |             |       | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|--------|-------------|-------|-------------------------|
|                  |        | MAIN L/R              | CENTER | REAR CENTER | RL/RR |                         |
| Both ch, -20 dBV | -10 dB | +14.0 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |

## ● ダイアグメニュー詳細

一部のモードでフルビット指定することで、各チャンネルのヘッドマージンを廃して0dBFS出力することが可能です。

### 1. DSP THROUGH

MAIN L/R出力にはYSS938のMain DSPが選択されます。

### ANALOG BYPASS

- L/Rは、DSP部を通らずにそのまま出力されます。

### YSS 0dB

- ヘッドマージンを含んで出力されます。  
ヘッドマージン：  
Main L/R: 0dBFS、Center: 0dBFS、  
RL/RR: -12dBFS、SWFR: L/Rを-20dBfsにて加算

### YSS Front 0dB

- ヘッドマージンを含んで、フロントCHがメインCHに出力されます。  
ヘッドマージン：  
Main L/R: 0dBFS、Center: -6dBFS、  
RL/RR: -12dBFS、SWFR: L/Rを-20dBfsにて加算

YSS FULL BIT

- The signal is output in digital full bit without including the head margin.
- The SWFR signal is output but not in digital full bit.

YSS FULL BIT

- ヘッドマージンを含まず、デジタルフルビットで出力されます。
- SWFRは出力されますが、デジタルフルビットではありません。

1. YSS FULL BIT

Reference data  
INPUT: DVD ANALOG  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |           |             |           | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|-----------|-------------|-----------|-------------------------|
|                  |        | MAIN L/R              | CENTER    | REAR CENTER | RL/RR     |                         |
| Both ch, -20 dBV | -10 dB | +14.6 dBV             | +14.4 dBV | +14.0 dBV   | +14.5 dBV | -2.5 dBV                |

YSS FULL BIT F

- The front CH signal is output in digital full bit at the main CH.

YSS FULL BIT F

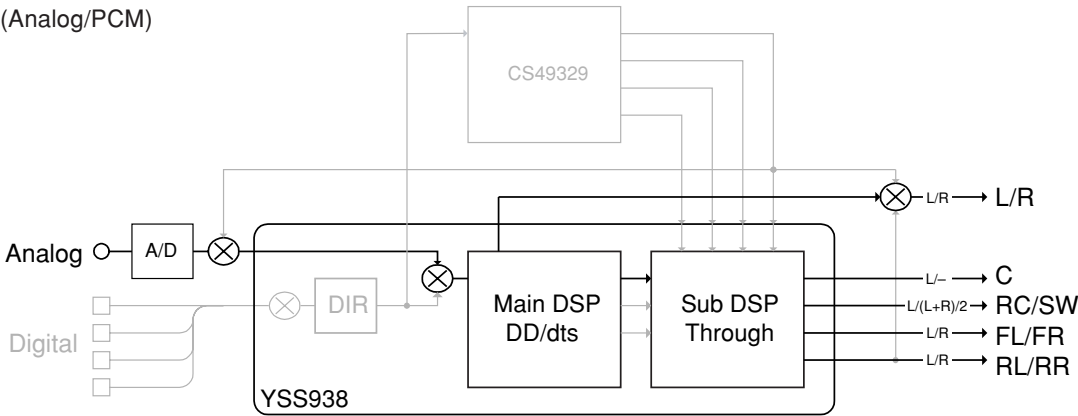
- フロントCHがメインCHに、デジタルフルビットで出力されます

1. FULL BIT F

Reference data  
INPUT: DVD ANALOG  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |        |             |       | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|--------|-------------|-------|-------------------------|
|                  |        | MAIN L/R              | CENTER | REAR CENTER | RL/RR |                         |
| Both ch, -20 dBV | -10 dB | +14.0 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |

DSP THROUGH ~  
YSS (Analog/PCM)



2. RAM THROUGH

This function is for YSS938 only.  
Only the CT signal is output through the Sub DSP - DRAM.

RAM 0dB

2. RAM THROUGH

YSS938のみの動作です。  
CTのみがSub DSP - DRAM経由で出力されます。

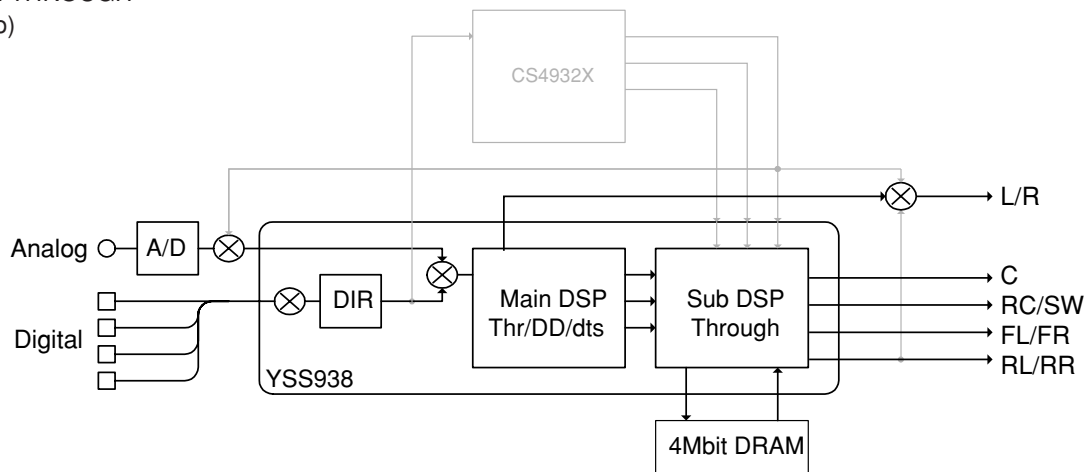
RAM 0dB

2. RAM 0dB

Reference data  
INPUT: DVD ANALOG  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |           |             |       | SUBWOOFER<br>OUTPUT (50Hz) |
|------------------|--------|-----------------------|-----------|-------------|-------|----------------------------|
|                  |        | MAIN L/R              | CENTER    | REAR CENTER | RL/RR |                            |
| Both ch, -20 dBV | -10 dB | - ∞                   | +14.0 dBV | - ∞         | - ∞   | - ∞                        |

RAM THROUGH ~  
(Auto)



3. PRO LOGIC

The L/C/R/RL/RR signals undergo the Pro-Logic processing and C/RL/RR signals are output through Sub DSP-DRAM. Main DSP is selected for MAIN L/R output. Using the sub-menu, it is possible to select PRO LOGIC I, II (Movie). The Auto Input Balance function is always off. The LFE signal is not output when decoding in the PRO LOGIC I, II mode.

3. PRO LOGIC

L/C/R/RL/RRはYSS938によりプロロジック処理され、C/RL/RRはSub DSP-DRAM経由で出力されます。MAIN L/R出力にはMain DSPが選択されます。サブメニューでPRO LOGIC I、II (Movie) を選択可能です。常時Auto Input Balance offです。

AAC入力時はCS49329でデコード後、L/Rはプロロジック処理されます。(J modelのみ)

PRO LOGIC I、IIデコード時は、LFEは出力されません。

PRO LOGIC I

PRO LOGIC I

3. PRO LOGIC I

Reference data  
INPUT: DVD ANALOG  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |           |             |       | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|-----------|-------------|-------|-------------------------|
|                  |        | MAIN L/R              | CENTER    | REAR CENTER | RL/RR |                         |
| Each ch, -20 dBV | -10 dB | +14.2 dBV             | - ∞       | - ∞         | - ∞   | - ∞                     |
| Both ch, -20 dBV | -10 dB | - ∞                   | +17.0 dBV | - ∞         | - ∞   | - ∞                     |

PRO LOGIC II

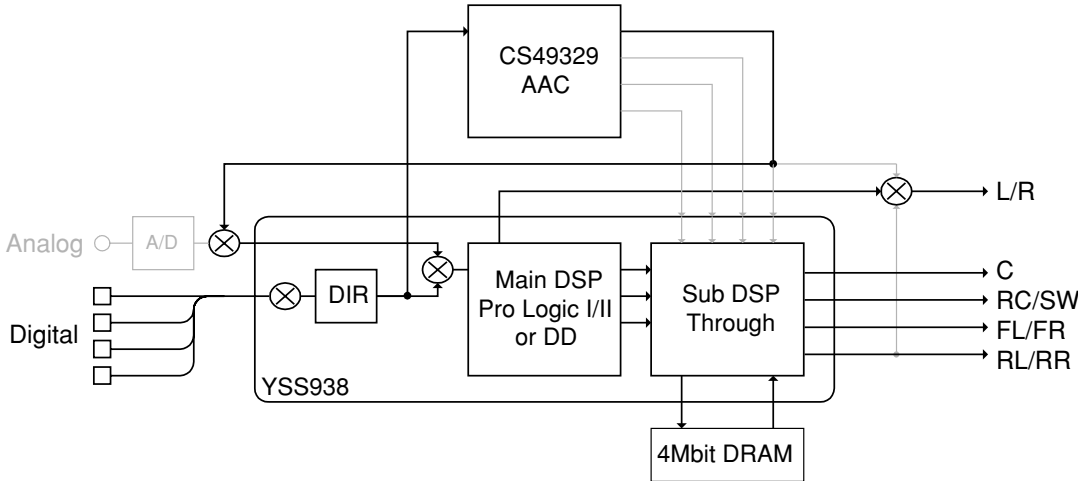
PRO LOGIC II

3. PRO LOGIC II

Reference data  
INPUT: DVD ANALOG  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |           |             |       | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|-----------|-------------|-------|-------------------------|
|                  |        | MAIN L/R              | CENTER    | REAR CENTER | RL/RR |                         |
| Each ch, -20 dBV | -10 dB | +14.2 dBV             | - ∞       | - ∞         | - ∞   | - ∞                     |
| Both ch, -20 dBV | -10 dB | - ∞                   | +17.0 dBV | - ∞         | - ∞   | - ∞                     |

Dolby Pro Logic (Auto)



#### 4. SPEAKERS SET

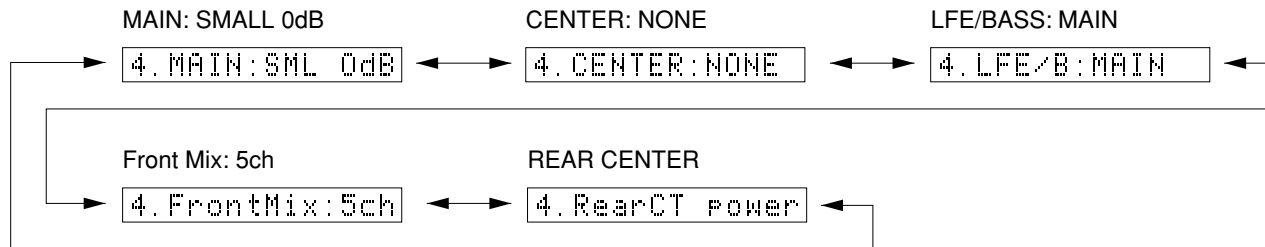
The input signal is automatically identified and switched in the priority order of dts → DOLBY DIGITAL → AAC → PCM AUDIO → Analog (A/D) according to the signal detection.

The signals output from the DSP block are the same as 1.  
DSP THROUGH: YSS 0dB.

#### 4. SPEAKERS SET

入力は信号検出によって、dts → DOLBY DIGITAL → AAC → PCM AUDIO → アナログ (A/D) の優先順で自動判別切り換えされます。

DSP部からは、No.1 DSP THROUGHのYSS 0dBと同様の信号が出力されます。



The analog switch settings for each sub-menu are as shown in the table below.

各サブメニューにおけるアナログスイッチの設定は以下の通りです。

| Sub-menu |                    | CENTER SP | REAR SP | MAIN SP | MAIN LEVEL | LFE/BASS |
|----------|--------------------|-----------|---------|---------|------------|----------|
| 1        | MAIN: SMALL 0dB    | LARGE     | LARGE   | SMALL   | 0dB        | SWFR     |
| 2        | CENTER: NONE       | NONE      | LARGE   | LARGE   | 0dB        | BOTH     |
| 3        | LFE/BASS: MAIN     | SMALL     | SMALL   | LARGE   | 0dB        | MAIN     |
| 4        | FRONT MIX: 5CH     | LARGE     | LARGE   | LARGE   | 0dB        | BOTH     |
| 5        | REAR CENTER: POWER | LARGE     | LARGE   | LARGE   | 0dB        | BOTH     |

**LARGE:** This mode is used with a speaker with high bass reproduction performance (a large unit). Full bandwidth signals are output.

**SMALL:** This mode is used with a speaker with low bass reproduction performance (a small unit). The signals of 90Hz or less are mixed into the channel specified by LFE/BASS.

**NONE:** This mode is used with no center speaker. The center content is reduced by 3dB and distributed to MAIN L/R.

**LARGE:** 低音再生能力の高い(ユニットの大きい)スピーカーを使用するモードです。全帯域が出力されます。

**SMALL:** 低音再生能力の低い(ユニットの小さい)スピーカーを使用するモードです。90Hz以下がLFE/BASSで指定したチャンネルにミックスされます。

**NONE:** スピーカーを使用しないモードです。センター成分は-3dBされて、MAIN L/R に振り分けられます。

Reference data

INPUT: DVD ANALOG (Both ch)

| Sub-menu |                    | Input level                | Volume | SPEAKER OUTPUT (1kHz) |        |             |       | SUBWOOFER OUTPUT (50Hz) |
|----------|--------------------|----------------------------|--------|-----------------------|--------|-------------|-------|-------------------------|
|          |                    |                            |        | MAIN L/R              | CENTER | REAR CENTER | RL/RR |                         |
| 1        | MAIN: SMALL 0dB    | 1kHz/90Hz Both ch, -20 dBV | -10 dB | +14.8/+11.5 dBV       | - ∞    | - ∞         | - ∞   | - ∞                     |
| 2        | CENTER: NONE       | 1kHz Both ch, -20 dBV      | -10 dB | +11.9 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |
| 3        | LFE/BASS: MAIN     | 50Hz Both ch, -20 dBV      | -10 dB | +13.0 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |
| 4        | FRONT MIX: 5CH     | 1kHz Both ch, -20 dBV      | -10 dB | +19.0 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |
| 5        | REAR CENTER: POWER | 1kHz Both ch, -20 dBV      | -10 dB | - ∞                   | - ∞    | +14.0 dBV   | - ∞   | - ∞                     |

5. MARGIN CHECK

The signal is output including the head margin.

MAIN 12dB MARGIN

5. MAIN 12dB

Reference data  
INPUT: DVD ANALOG  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |        |             |       | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|--------|-------------|-------|-------------------------|
|                  |        | MAIN L/R              | CENTER | REAR CENTER | RL/RR |                         |
| Both ch, -20 dBV | -10 dB | +17.0 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |

MAIN 12dB MARGIN

5. MARGIN CHECK

ヘッドマージンを含んで出力されます。

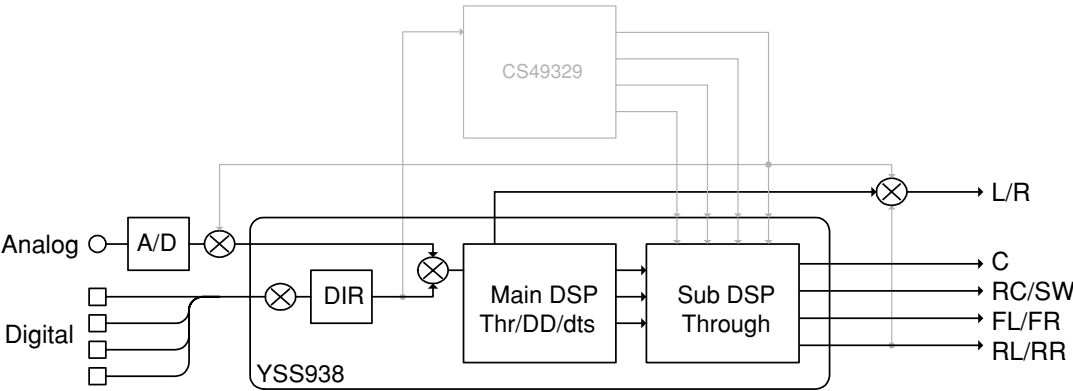
MAIN 18dB MARGIN

5. MAIN 18dB

Reference data  
INPUT: DVD ANALOG  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |        |             |       | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|--------|-------------|-------|-------------------------|
|                  |        | MAIN L/R              | CENTER | REAR CENTER | RL/RR |                         |
| Both ch, -20 dBV | -10 dB | +14.0 dBV             | - ∞    | - ∞         | - ∞   | - ∞                     |

MAIN 18dB MARGIN



6. OTHER INPUT

The signal input through the 6CH INPUT terminals is output.

EXTERNAL DECODER

6. EXTERNAL DEC

Reference data  
INPUT: 6CH INPUT  
SWFR: 50Hz, Others: 1kHz

| Input level      | Volume | SPEAKER OUTPUT (1kHz) |           |             |           | SUBWOOFER OUTPUT (50Hz) |
|------------------|--------|-----------------------|-----------|-------------|-----------|-------------------------|
|                  |        | MAIN L/R              | CENTER    | REAR CENTER | RL/RR     |                         |
| Both ch, -20 dBV | -10 dB | +14.3 dBV             | +14.3 dBV | - ∞         | +14.3 dBV | -7.5 dBV                |

7. DISPLAY CHECK

This program is used to check the FL display section. The display condition varies as shown below according to the sub-menu operation. The signals are processed using EFFECT OFF (The L/R signal is output using ANALOG MAIN BYPASS.)

6. OTHER INPUT

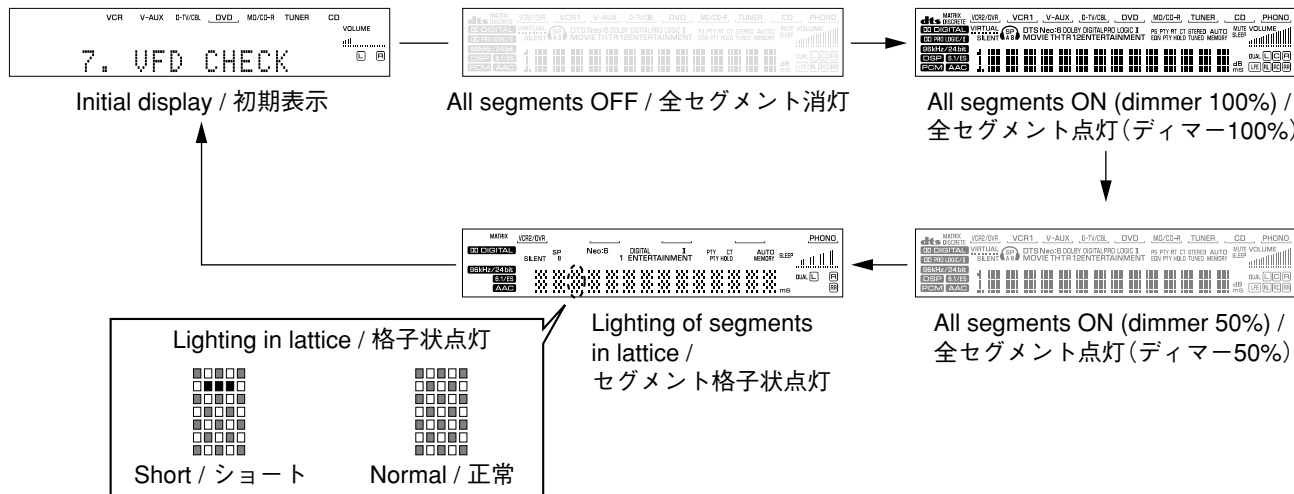
6CH入力した信号が出力されます。

EXTERNAL DECODER

6. EXTERNAL DEC

7. DISPLAY CHECK

FL表示部のチェックプログラムです。サブメニュー操作により、表示状態が以下のように変わります。  
信号処理はEFFECT OFF (ANALOG MAIN BYPASSでL/Rを出力)です。



Segment conditions of the FL driver and the FL tube are checked by turning ON and OFF all segments. Next, the operation of the FL driver is checked by using the dimmer control. Then a short between segments next to each other is checked by turning ON and OFF all segments alternately (in lattice). (In the above example, the segments in the second row from the top are shorted.)

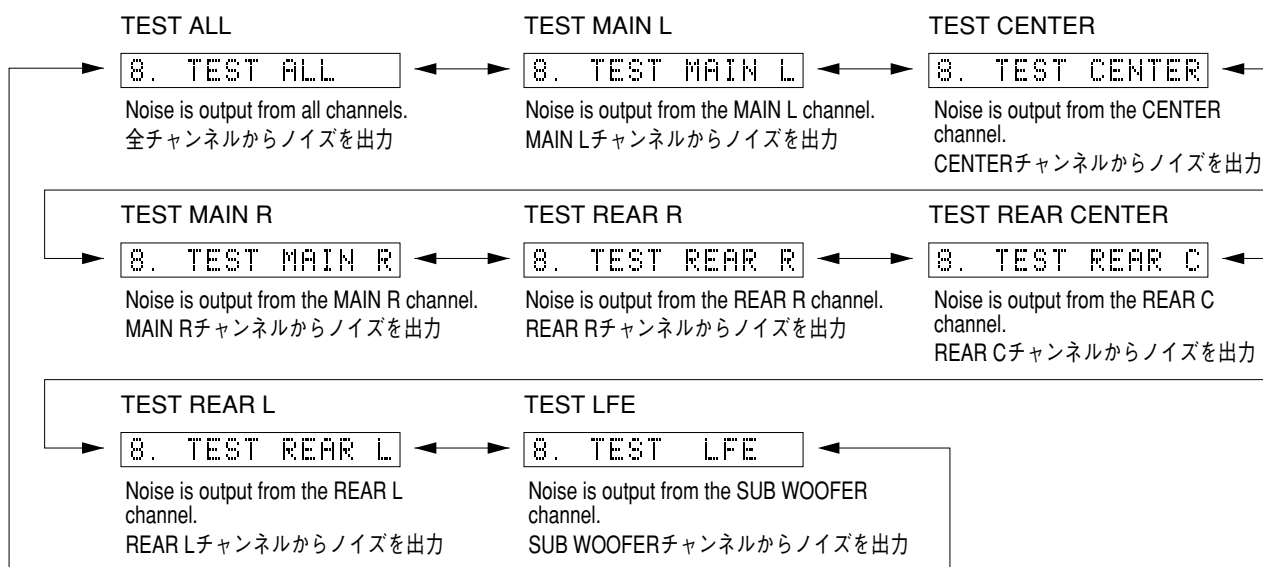
全セグメント消灯・全セグメント点灯によりFLドライバー、FL管のセグメントの不良を確認します。  
次に、ディマーコントロールによってFLドライバーの動作チェックを行います。  
さらに全セグメントを交互(格子状)に点灯/消灯することで、隣り合うセグメントのショートをチェックします。

## 8. MANUAL TEST

The noise generator built into the DSP outputs the test noise through the channels specified by the sub-menu. The noise frequency for LFE is 35 to 250 Hz. Other than that, the center frequency is 800Hz.

## 8. MANUAL TEST

DSP内蔵のノイズ発生回路によって、サブメニューで指定したチャンネルへテストノイズを出力します。LFE用のノイズ周波数は35～250Hz、それ以外は中心周波数800Hzとなります。

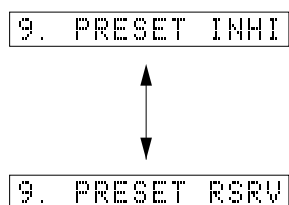


## 9. FACTORY PRESET

This menu is used to reserve and inhibit initialization of the back-up RAM. The signals are processed using EFFECT OFF. (The L/R signal is output using ANALOG MAIN BYPASS.)

## 9. FACTORY PRESET

バックアップ用RAM（音場プログラムのパラメーターやセットメニュー内容等）の初期化を予約/禁止します。信号処理はEFFECT OFFと同じです（ANALOG MAIN BYPASSで、L/Rを出力）。



### PRESET INHIBIT (Initialization inhibited) / PRESET INHIBIT (初期化禁止)

RAM initialization is not executed. Select this sub-menu to protect the values set by the user.

Note: The protection history will not be erased using PRESET INHIBIT.

RAMの初期化は行われません。ユーザーの設定値を保護するときは、こちらを選択してください。

### PRESET RESERVED (Initialization reserved) / PRESET RESERVED (初期化予約)

Initialization of the back-up RAM is reserved. (Actually, initialization is executed the next time that the power is turned on.) Select this sub-menu to reset to the original factory settings or to reset the RAM. Use PRESET RESERVED to erase the protection history.

バックアップRAMの初期化が予約されます。（実際に初期化されるのは、次の電源投入時です。）工場出荷時やRAMをリセットしたいときは、こちらを選択してください。

**CAUTION:** Before setting to the PRESET RESERVED, write down the existing preset memory content of the Tuner in a table as shown below. (This is because setting to the PRESET RESERVED will cause the user memory content to be erased.)

注意：PRESET RESERVEDを選んで初期化をする前に、チューナーのユーザーメモリー内容を下表に書き写してください。（初期化をすると、ユーザーメモリーの内容は消えてしまいます。）

| Preset group | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 |
|--------------|----|----|----|----|----|----|----|----|
| A            |    |    |    |    |    |    |    |    |
| B            |    |    |    |    |    |    |    |    |
| C            |    |    |    |    |    |    |    |    |
| D            |    |    |    |    |    |    |    |    |
| E            |    |    |    |    |    |    |    |    |

• PRESET STATIONS / プリセット局

| STATION |     | FM FACTORY PRESET DATA (MHz) |                     |      |
|---------|-----|------------------------------|---------------------|------|
| PAGE    | NO. | U, C                         | R, T, K, A, B, G, L | J    |
| A/C/E   | 1   | 87.5                         | 87.5                | 76.0 |
|         | 2   | 90.1                         | 90.1                | 83.0 |
|         | 3   | 95.1                         | 95.1                | 84.0 |
|         | 4   | 98.1                         | 98.1                | 86.0 |
|         | 5   | 107.9                        | 108.0               | 90.0 |
|         | 6   | 88.1                         | 88.1                | 78.0 |
|         | 7   | 106.1                        | 106.1               | 88.0 |
|         | 8   | 107.9                        | 108.0               | 82.1 |

| STATION |     | AM FACTORY PRESET DATA (kHz) |            |      |
|---------|-----|------------------------------|------------|------|
| PAGE    | NO. | U, C, R, T, K                | A, B, G, L | J    |
| B/D     | 1   | 630                          | 630        | 630  |
|         | 2   | 1080                         | 1080       | 1080 |
|         | 3   | 1440                         | 1440       | 1440 |
|         | 4   | 530                          | 531        | 531  |
|         | 5   | 1710                         | 1611       | 1611 |
|         | 6   | 900                          | 900        | 900  |
|         | 7   | 1350                         | 1350       | 1350 |
|         | 8   | 1400                         | 1404       | 1404 |

10. AD DATA CHECK/FAN TEST

This menu is used to display the A/D conversion value of the terminals which detects panel keys of the main unit and protection functions in % using the sub-menu. During signal processing, the condition before execution is maintained.

When K0/K1 or K2 menu is selected, keys become non-operable due to detection of the values of all keys. However, it is possible to advance to the next sub-menu by turning the VOLUME of the main unit. When using this function, note that turning the VOLUME more than 2 clicks will cause the volume value to change.

\* The figures in the diagram are given as reference only.

PS (protection detection)

Power supply voltage protection value (Normal value: 28 to 47)

\* If PS is out of the normal value range, the protection function works to turn off the power within 1 second.

PS:038

K0/K1 (Panel key of main unit)

K2 (Panel key of main unit)

A/D of the key fails to function properly when the standard value is deviated. In this case, check the constant of partial pressure resistor, solder condition, etc. Refer to table 1.

K0:100 K1:100

K2:100

10. AD DATA CHECK/FAN TEST

本体パネルキー、プロテクションなどを検出している端子のA/D変換の値を、サブメニューで%表示します。信号処理は実行前の状態を維持します。

K0/K1またはK2のメニューにすると、全キーの値を検出するためキー操作はできなくなりますが、本体のVOLUMEを回すことにより、次のサブメニューに進めることができます。このとき2クリック以上回すと、ボリューム値が変化するので注意してください。

※図中の数値は参考例です。

PS (プロテクションの検出)

電源電圧プロテクションの値(正常値28～47)

※ PSは正常値を外れるとプロテクションが働き、電源オフされます。

K0/K1 (本体パネルキー)

K2 (本体パネルキー)

キーのA/Dは基準値から外れると、正常な動きをしません。Table 1をご覧ください。各キーの分圧抵抗の定数、ハンダ不良等の確認をしてください。

[Table 1]

| Display | K0              | K1                        | K2         |
|---------|-----------------|---------------------------|------------|
| 0 %     | STEREO EFFECT   | PRESET/TUNING EDIT        | INPUT MODE |
| 9 %     | ◁ PROGRAM       | FM/AM                     | ◁ INPUT    |
| 20 %    | PROGRAM ▷       | MEMORY                    | INPUT ▷    |
| 37 %    | ◁ PRESET/TUNING | MAN'L/AUTO FM TUNING MODE | 6CH INPUT  |
| 61 %    | PRESET/TUNING ▷ | AUTO/MAN'L MONO           | —          |
| 79 %    | A/B/C/D/E       | PTY SEEK MODE             | —          |
| 90 %    | —               | PTY SEEK START            | —          |
| 97 %    | —               | EON                       | —          |
|         |                 | RDS MODE /FREQ            | —          |

# IMP SW/POWER LIMIT (Impedance/power limiter detection)

IMP: 8 or 4 ohm impedance switch setting

PL: Power limiter detection value

The voltage value of pin No. 95 of IC441 is displayed, using 5V/256 as standard.

When the power is turned on, the speaker impedance switch setting is automatically detected, using the input voltage value of pin No. 95 of IC441.

|                          |           |            |
|--------------------------|-----------|------------|
| Input voltage value      | 0 - 460mV | 461mV - 5V |
| Impedance switch setting | 4 ohms    | 8 ohms     |

The port output is controlled by using the input voltage value of pin No. 95 of IC441.

When higher than VthH, the port output is changed from L to H.

When lower than VthL, the port output is changed from H to L.

| Markets          | Impedance | PORT  | VthL  | VthH  |
|------------------|-----------|-------|-------|-------|
| U, C, R, T, K, L | 8/6 ohms  | No.10 | 3.00V | 3.50V |
|                  | 4 ohms    | No.11 | 2.28V | 2.78V |
| A, B, G          | 8/6 ohms  | No.10 | 3.07V | 3.57V |
|                  | 4 ohms    | No.11 | 2.35V | 2.85V |

IMP:8 PL:029

# THM/FAN OUT (temperature detection/fan drive level)

THM: 500% display of the voltage based on the temperature detected value. Reference voltage : 5V=500% (Normal value: U, C models ..... 30 to 173,

Others models ..... 30 to 163)

Fan: Current fan drive level on the left and the past fan drive history on the right.

THM:086Fan: \_/\_/\_

| Display         | H    | M   | L   |
|-----------------|------|-----|-----|
| fan drive level | HIGH | MID | LOW |

# FAN DRIVE TEST (For models so equipped)

For models equipped with a fan

HIGH

# FAN DRIVE TEST (ファン駆動テスト)

ファン装備モデルに適用

HIGH: ファン駆動強

FAN TEST:HIGH

# FAN DRIVE TEST (For models so equipped)

For models equipped with a fan

MID

# FAN DRIVE TEST (ファン駆動テスト)

ファン装備モデルに適用

MID: ファン駆動中

FAN TEST:MID

# FAN DRIVE TEST (For models so equipped)

For models equipped with a fan

LOW

# FAN DRIVE TEST (ファン駆動テスト)

ファン装備モデルに適用

LOW: ファン駆動弱

FAN TEST:LOW

## 11. IF STATUS (Input function status)

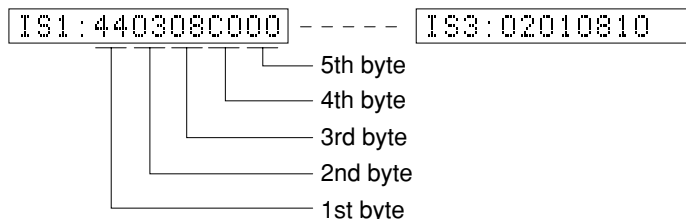
Using the sub-menu, the status data is displayed one after another in the hexadecimal notation.

During signal processing, the status before execution of this menu is maintained.

\* Numeric values in the figure example are for reference.

### IS1-3 (Internal status):

Indicates the status information of the microprocessor.



<1st byte> Digital input/output setting value

Upper 4 bits: REC OUT selected /

lower 4 bits: INPUT selected

## 11. IF STATUS

サブメニュー操作により、以下のステータス情報を順次16進数で表示します。信号処理は、本メニュー実行前の状態を維持します。

※図中の数値は参考例です。

### IS 1-3 (内部ステータス):

マイコンのステータス情報を表示します。

<第1バイト> デジタル入出力設定値

上位4bit REC OUT選択 /

下位4bit INPUT選択

| Value | Choice | Preset name |
|-------|--------|-------------|
| 0     | NONE   |             |
| 1     | OPTA   | V-AUX       |
| 2     | OPTB   | MD/CD-R     |
| 3     | OPTC   | DVD         |
| 4     | OPTD   | D-TV/CBL    |
| 8     | COAXA  | CD          |

<2nd byte> Fs information of reproduction signal

<第2バイト> 再生信号のFs情報

| Display  | 00     | 01 | 02   | 03 | 04 | 05   | 06 | 0A          | 0B          | 0C           | 0D          |
|----------|--------|----|------|----|----|------|----|-------------|-------------|--------------|-------------|
| Fs (kHz) | Analog | 32 | 44.1 | 48 | 64 | 88.2 | 96 | Unknown NRM | Unknown DBL | Unknown QUAD | Not defined |

<3rd byte> Audio code mode information of reproduction signal

<第3バイト> 再生信号のオーディオコードモード情報

| Display    | 00         | 01  | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 0A  | 0B       | 0C        | 0D      |
|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----------|---------|
| Audio Code | MULTI MONO | 1+1 | 1/0 | 2/0 | 3/0 | 2/1 | 3/1 | 2/2 | 3/2 | 2/3 | 3/3 | OVER 6.1 | MULTI PCE | Unknown |

<4th byte> Format information of reproduction signal

\*1: Analog processing used for digital reproduction is not possible because of a commercial bit or 4-ch audio reason.

<第4バイト> 再生信号のフォーマット情報

\*1: 業務用ビットや4chオーディオなどの理由で、デジタル再生できずアナログ処理されます。

| Display | Signal format          |
|---------|------------------------|
| 00      | Analog (Unlock)        |
| 01      | Incorrect digital (*1) |
| 10      | PCM Audio              |
| 20      | Digital Data           |
| 21      | IEC1937 Data           |
| 22      | None PCM               |
| 23      | Unknown                |
| 50      | dts                    |
| 51      | Red dts                |
| 54      | dts-ES MATRIX          |
| 58      | dts-ES DISCRETE        |
| 5C      | dts-ES (Both flag)     |
| 60      | AAC                    |
| C0      | Dolby Digital          |
| C1      | D.D. Karaoke           |
| C4      | D.D.6.1 (D.D.EX)       |

<5th byte> Signal processing status information

\*2: With digital signals other than 32kHz, 44.1kHz and 48kHz, through processing method is used for reproducible signals.

<第5バイト>信号処理ステータス情報

\*2: 32kHz、44.1kHz、48kHz以外のデジタル信号の場合、再生可能な信号についてはスルー処理されます。

|      |                   |      |                       |
|------|-------------------|------|-----------------------|
| bit7 | MUTE request      | bit3 | —                     |
| bit6 | Red dts flashing  | bit2 | Through & bypass (*2) |
| bit5 | 6.1/ES processing | bit1 | —                     |
| bit4 | FULL MUTE (ON: 1) | bit0 | dts analog mute       |

**CS1-5:** Indicates channel status information of the input signal (IEC60958).

**CS 1-5:** 入力信号のIEC60958チャンネルステータス情報を表示します。

CS1:0299000200 - - - - - CS5:00000000

**BY1-4:** Indicates information of the bit stream included in the DOLBY DIGITAL signal.

**BY1-4:** DOLBY DIGITAL信号に含まれるビットストリームインフォメーション情報を表示します。

BY1:1E40E1301B - - - - - BY4:01FFFFFF

**BC1-5:** Indicates information of the bit stream included in the dts signal.

**BC1-5:** dts信号に含まれるビットストリームインフォメーション情報を表示します。

BC1:000070FFFF - - - - - BC5:C4

**YS1-3:** Indicates device status information of YSS938 (IC600).

**YS1-3:** YSS938 (IC600)のデバイスステータス情報を表示します

\* The numeric value in the figure is an example for reference.

※ 図中数値は参考例です。

YS1:FE02004F97

YS2:0101418000

YS3:1A41803D

| Byte No. | Function           |
|----------|--------------------|
| 1        | YSS MUTE Reg       |
| 2        | YSS MODE Reg       |
| 3        | YSS IPORT BIT 7-0  |
| 4        | YSS IPORT BIT 14-8 |
| 5        | YSS OPORT          |

| Byte No. | Function             |
|----------|----------------------|
| 1        | IEC 1937 Preamble Pc |
| 2        | Data Stream Reg      |
| 3        | Status Reg           |
| 4        | YSS ZERO Reg         |
| 5        | MIREG                |

| Byte No. | Function     |
|----------|--------------|
| 1        | DIR Status   |
| 2        | DIR fs       |
| 3        | DIR fs count |
| 4        | YSS ZEROBF   |

**CS:** CS49329 Unsolicited Messages (AUTODETECT\_RESPONSE)

**CS:** CS49329 Unsolicited Messages (AUTODETECT\_RESPONSE)

CS :000001

**MTT:** Mute Trigger

**MTT:** Mute Trigger

MTT:0020000007

| Byte No. | Function                             |
|----------|--------------------------------------|
| 1        | Mute condition                       |
| 2        | Factor of the last mute              |
| 3        | Error count of YSS938-FSCNT          |
| 4        | Mute count by YSS938-FSCNT           |
| 5        | Error factor of down load of CS49329 |

## 12. DSP RAM CHECK

This menu is used to self-diagnose whether or not the bus connection for the YSS938 and the external RAM is made properly.

During signal processing, the status before execution of this menu is maintained.

The address bus and the data bus are checked and the connection condition is displayed.

When no error is detected, "NoEr" appears on display.

### YSS938 Bus Check

YSS BUS:NoEr

| Display | Description                    |
|---------|--------------------------------|
| WAIT    | Bus is being checked.          |
| NoEr    | No error detected.             |
| DATA    | Data bus shorted or open.      |
| RSCS    | /RAS or /CAS shorted, or open. |
| ADDR    | Address bus shorted or open.   |

### PLD/SRAM BUS CHECK

CS BUS:NoEr

| Display | Description                              |
|---------|------------------------------------------|
| WAIT    | Bus is being checked.                    |
| NoEr    | No error detected.                       |
| DATA    | Data bus shorted or open. (XX: 00-07)    |
| ADDR    | Address bus shorted or open. (XX: 00-0E) |

## 13. SOFT SW

This menu is used to switch the function settings on P.C.B. through the software so as to activate the product.

The protection function follows the P.C.B. settings. When connected to AC or in the maker preset state, the unit is initialized to the P.C. B. setting. Display of each function after initialization varies depending on settings on P.C.B. The operation mode can be changed by selecting the sub-menu and then using the EFFECT key. With SOF selected for the SW mode, the settings become effective.

**SW MODE:** PCB or SOFT can be selected.

13. SW :PCB

**MODEL SETTING:** V430, V530, AX630, V630, V730 or DVX can be selected.

13. MODEL:V730

**TUNER DESTINATION:** J, UC, ALG or R can be selected.

13. DEST :UC

## 12. DSP RAM CHECK

YSS938と外付けRAMとのバス接続の正否を自己診断します。

信号処理は、このメニューを実行する前の状態を維持します。

アドレスバス、データバスのチェックを行い、接続正否を表示します。

エラーが検出されなかった場合は、“NoEr”と表示されます。

### YSS938 BUS CHECK

### PLD/SRAM BUS CHECK

## 13. SOFT SW

P.C.B.上の機能設定をソフト的に切り替えて、製品を動作させる機能です。

プロテクション機能は、P.C.B.の設定に従います。AC接続またはメーカープリセットで、P.C.B.の設定に初期化されます。初期化後の各機能の表示は、P.C.B.上の設定によります。操作は、サブメニューを選んだ後、EFFECTキーで切り替えます。SWモードをSOFTにすると、設定が有効になります。

**SW MODE :** PCBまたはSOFTを選択できます。

**MODEL SETTING :** V430、V530、AX630、V630、V730、DVXのいずれかを選択できます。

**TUNER DESTINATION :** J、UC、ALG、Rのいずれかを選択できます。

**TUNER:** NOT or EXIST can be selected.

**TUNER :** NOTまたはEXISTを選択できます。

13. TUNER:EXIST

**RDS:** NOT or EXIST can be selected.

**RDS :** NOTまたはEXISTを選択できます。

13. RDS :NOT

**VIDEO FORMAT:** NTSC or PAL can be selected.

**VIDEO FORMAT :** NTSCまたはPALを選択できます。

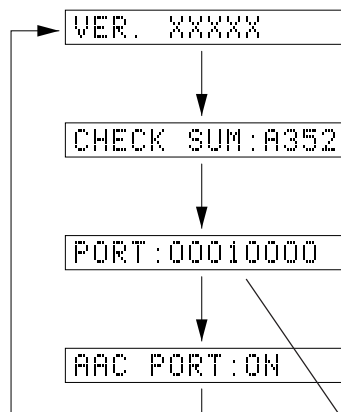
13. VIDEO:NTSC

## 14. MICROPROCESSOR INFORMATION

The version, checksum and the port specified by the microprocessor are displayed. The signal is processed using EFFECT OFF. The checksum is obtained by adding the data at every 8 bits for each program area and expressing the result as a 4-figure hexadecimal data.

## 14. マイコン情報

サブメニューは4つあります。  
プログラムのバージョン、チェックサム、マイコンの指定ポートを表示します。  
信号はエフェクトOFFです。チェックサムは、プログラムエリア別にデータを8ビットごとに加算していき、4桁の16進データで現したものです。



### Version / バージョン情報

Release 1 digit / Main version 2 digit / DSP version 2 digit

### Checksum / チェックサム表示

A: All area

### Check of port setting for judging microprocessor function

マイコンの機能判定用ポート設定確認

### Display of AAC function detection port state

AAC機能検出ポート状態表示

"PORT: 0 0 0 0 0 0 0 0"  
bit 7 6 5 4 3 2 1 0

Model type (\*2)

Tuner mode 0 (\*1)

Tuner mode 1 (\*1)

Tuner with (1) / without (0)

RDS with (1) / without (0)

VIDEO format: PAL (1) / NTSC (0)

\*1 (Tuner mode)

| Tuner mode 1 | Tuner mode 0 | Tuner frequency                                                                                                               |
|--------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|
| 0            | 0            | AM: 531-1611kHz/9kHz FM: 76.0-90.0MHz/100kHz                                                                                  |
| 1            | 0            | AM: 531-1611kHz/9kHz FM: 87.5-108.0MHz/50kHz                                                                                  |
| 0            | 1            | AM: 530-1710kHz/10kHz FM: 87.5-107.9MHz/200kHz                                                                                |
| 1            | 1            | R destination, Port6: LOW AM: 530-1710kHz/10kHz FM: 87.5-108.0MHz/100kHz<br>HIGH AM: 531-1611kHz/9kHz FM: 87.5-108.0MHz/50kHz |

\*2 (Model type)

| bit 2 | bit 1 | bit 0 | Model     |
|-------|-------|-------|-----------|
| 0     | 0     | 0     | RX-V430   |
| 0     | 0     | 1     | RX-V530   |
| 0     | 1     | 0     | DSP-AX630 |
| 0     | 1     | 1     | RX-V630   |
| 1     | 0     | 0     | RX-V730   |

## ■ AMP ADJUSTMENT / アンプ部調整

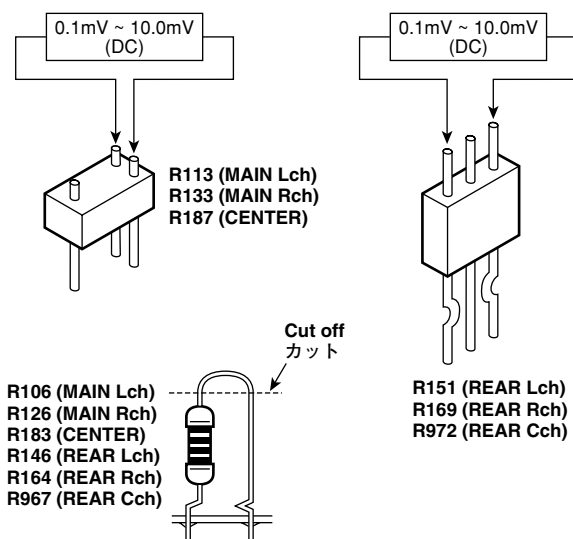
### Confirmation of Idling Current of Main (1) and POWER (4) P. C. B.

- Right after power is turned on, confirm that the voltage across the terminals of R113 (Main Lch), R133 (Main Rch), R187 (Center), R151 (Rear Lch), R169 (Rear Rch), R972 (Rear Center) are between 0.1mV and 10.0mV.
- If it exceeds 10.0mV, open (cutoff) R106 (Main Lch), R126 (Main Rch), R183 (Center), R146 (Rear Lch), R164 (Rear Rch), R967 (Rear Cch) and reconfirm the voltage.
- Confirm that the voltage is 0.2mV ~ 15.0mV after 60 minutes.

### メイン(1)とパワー(4)基板のアイドリング

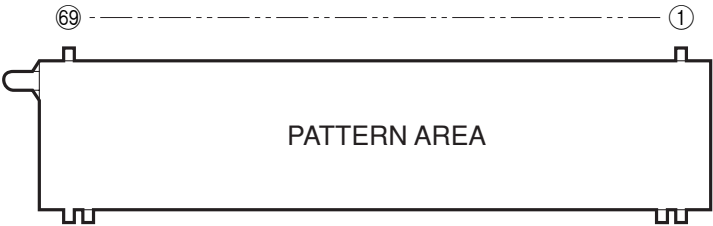
#### 電流の確認

- 電源投入直後、R113 (MAIN Lch)、R133 (MAIN Rch)、R187 (CENTER)、R151 (REAR Lch)、R169 (REAR Rch)、R972 (REAR Center)の端子間電圧を測定し、0.1mVから10.0mVの間であることを確認してください。
- 電圧が10mVを超えている場合は、R106 (MAIN Lch)、R126 (MAIN Rch)、R183 (CENTER)、R146 (REAR Lch)、R164 (REAR Rch)、R967 (REAR Cch)をカットし、電圧を再確認してください。
- 60分後、電圧が0.2mV～15.0mVであることを確認してください。



■ DISPLAY DATA

● V701 : 16-BT-94GNK (V8270900)



● PIN CONNECTION

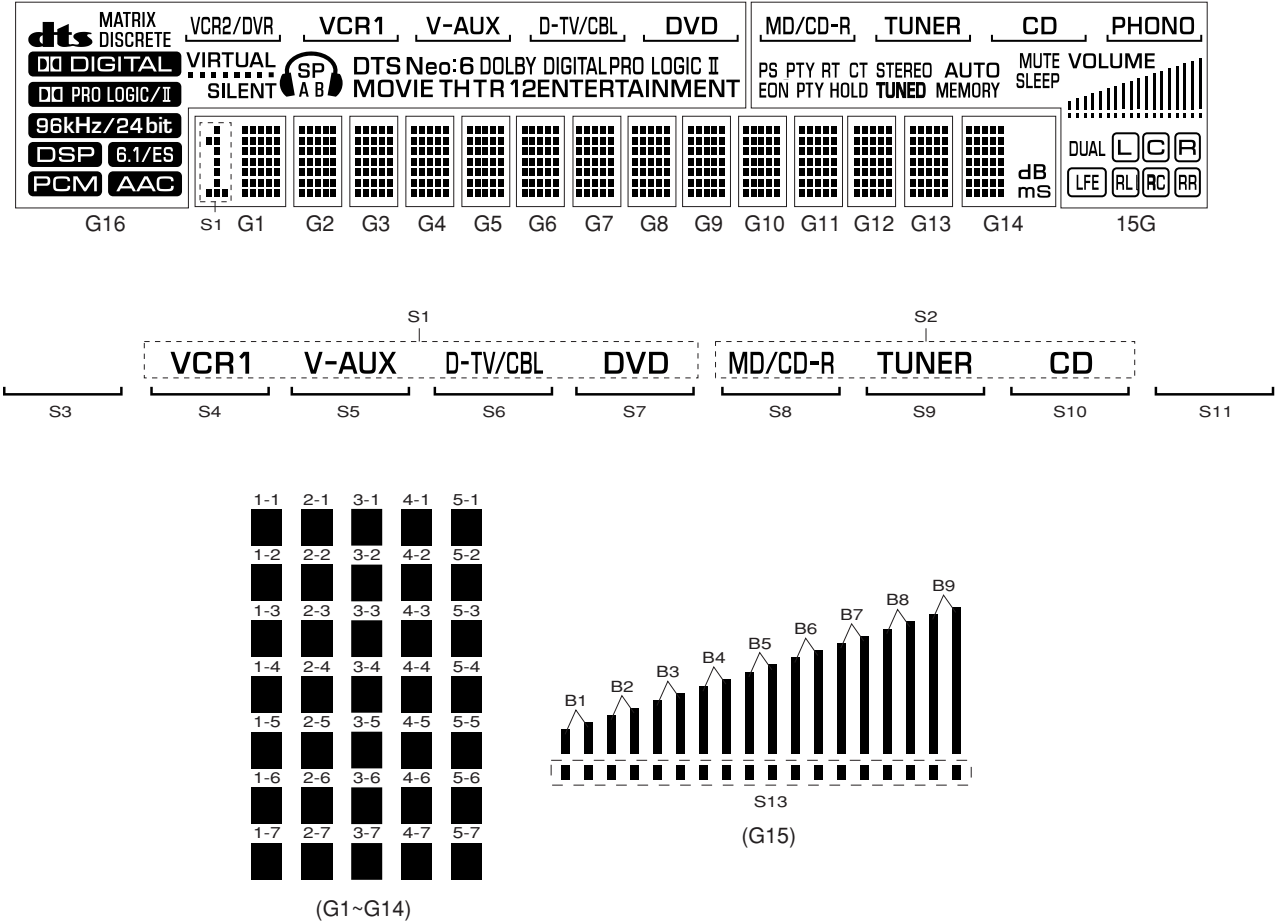
|            |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pin No.    | 69 | 68 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56  | 55  | 54  | 53  | 52  | 51  | 50  | 49  | 48  | 47  | 46  | 45  | 44  | 43  | 42  | 41  | 40  | 39  | 38  | 37  | 36  | 35  |
| Connection | F2 | F2 | NP | NP | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | P21 | P22 | P23 | P24 | P25 | P26 | P27 | P28 | P29 | P30 | P31 |

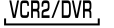
|            |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Pin No.    | 34  | 33  | 32  | 31  | 30  | 29  | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20  | 19  | 18  | 17  | 16  | 15  | 14  | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  |
| Connection | P32 | P33 | P34 | P35 | P36 | P37 | NX | NX | NX | NX | NX | NX | NX | NX | G16 | G15 | G14 | G13 | G12 | G11 | G10 | G9 | G8 | G7 | G6 | G5 | G4 | G3 | G2 | G1 | NP | NP | F1 | F1 |

Note : 1) F1, F2 ..... Filament 2) NP ..... No pin 3) G1 ~ 16 ..... Grid 4) NX ..... No extened 5) P1 ~ 37 ..... Anode

● GRID ASSIGNMENT

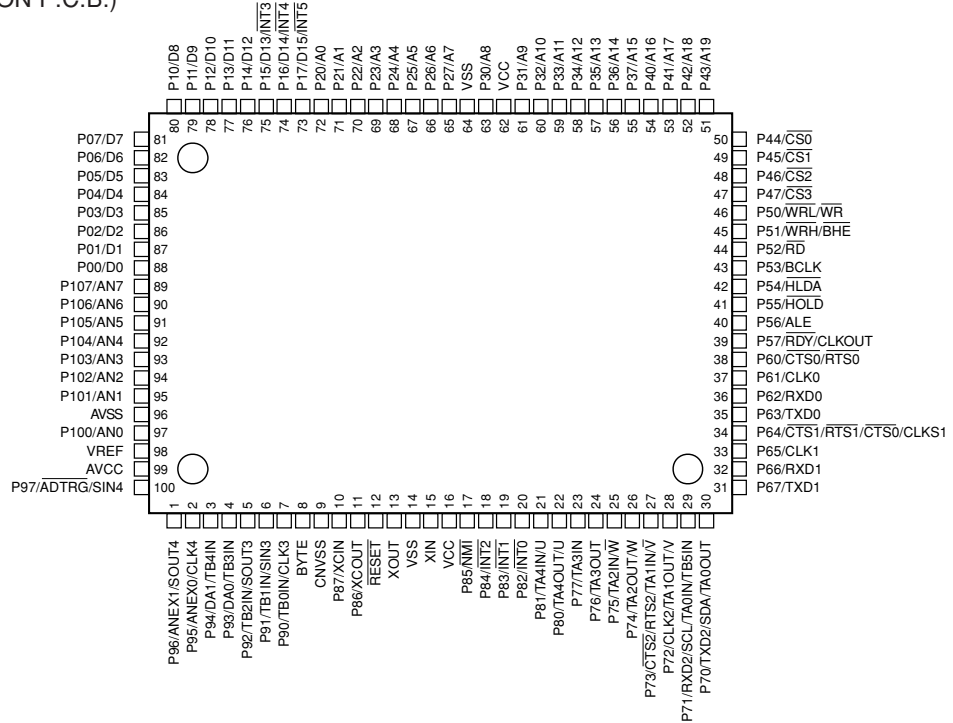


● ANODE CONNECTION

|     | G16                                                                                 | G15                                                                                 | G14 | G13~G2 | G1  |
|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|--------|-----|
| P1  |    | S2                                                                                  | 1-1 | 1-1    | 1-1 |
| P2  | MATRIX                                                                              | PHONO                                                                               | 2-1 | 2-1    | 2-1 |
| P3  | DISCRETE                                                                            | S8                                                                                  | 3-1 | 3-1    | 3-1 |
| P4  |    | S9                                                                                  | 4-1 | 4-1    | 4-1 |
| P5  |    | S10                                                                                 | 5-1 | 5-1    | 5-1 |
| P6  |    | S11                                                                                 | 1-2 | 1-2    | 1-2 |
| P7  |    | PS                                                                                  | 2-2 | 2-2    | 2-2 |
| P8  |    | PTY                                                                                 | 3-2 | 3-2    | 3-2 |
| P9  |    | RT                                                                                  | 4-2 | 4-2    | 4-2 |
| P10 |    | CT                                                                                  | 5-2 | 5-2    | 5-2 |
| P11 |    | EON                                                                                 | 1-3 | 1-3    | 1-3 |
| P12 | SILENT                                                                              | PTY HOLD                                                                            | 2-3 | 2-3    | 2-3 |
| P13 |    | STEREO                                                                              | 3-3 | 3-3    | 3-3 |
| P14 | SP                                                                                  | AUTO                                                                                | 4-3 | 4-3    | 4-3 |
| P15 | A                                                                                   | TUNED                                                                               | 5-3 | 5-3    | 5-3 |
| P16 | B                                                                                   | MEMORY                                                                              | 1-4 | 1-4    | 1-4 |
| P17 | DTS                                                                                 | MUTE                                                                                | 2-4 | 2-4    | 2-4 |
| P18 | Neo:6                                                                               | SLEEP                                                                               | 3-4 | 3-4    | 3-4 |
| P19 | DOLBY                                                                               | VOLUME                                                                              | 4-4 | 4-4    | 4-4 |
| P20 | DIGITAL                                                                             | S13                                                                                 | 5-4 | 5-4    | 5-4 |
| P21 | PRO LOGIC                                                                           | B1                                                                                  | 1-5 | 1-5    | 1-5 |
| P22 | II                                                                                  | B2                                                                                  | 2-5 | 2-5    | 2-5 |
| P23 | MOVIE THTR                                                                          | B3                                                                                  | 3-5 | 3-5    | 3-5 |
| P24 | 1                                                                                   | B4                                                                                  | 4-5 | 4-5    | 4-5 |
| P25 | 2                                                                                   | B5                                                                                  | 5-5 | 5-5    | 5-5 |
| P26 | ENTERTAINMENT                                                                       | B6                                                                                  | 1-6 | 1-6    | 1-6 |
| P27 | S1                                                                                  | B7                                                                                  | 2-6 | 2-6    | 2-6 |
| P28 |  | B8                                                                                  | 3-6 | 3-6    | 3-6 |
| P29 | 1                                                                                   | B9                                                                                  | 4-6 | 4-6    | 4-6 |
| P30 | S3                                                                                  | DUAL                                                                                | 5-6 | 5-6    | 5-6 |
| P31 | S4                                                                                  |  | 1-7 | 1-7    | 1-7 |
| P32 | S5                                                                                  |  | 2-7 | 2-7    | 2-7 |
| P33 | S6                                                                                  |  | 3-7 | 3-7    | 3-7 |
| P34 | S7                                                                                  |  | 4-7 | 4-7    | 4-7 |
| P35 | —                                                                                   |  | 5-7 | 5-7    | 5-7 |
| P36 | —                                                                                   |  | dB  | —      | S12 |
| P37 | —                                                                                   |  | mS  | —      | —   |

## IC DATA

IC441: M30624MGA (FUNCTION P.C.B.)  
16bit  $\mu$ -COM (Main CPU)



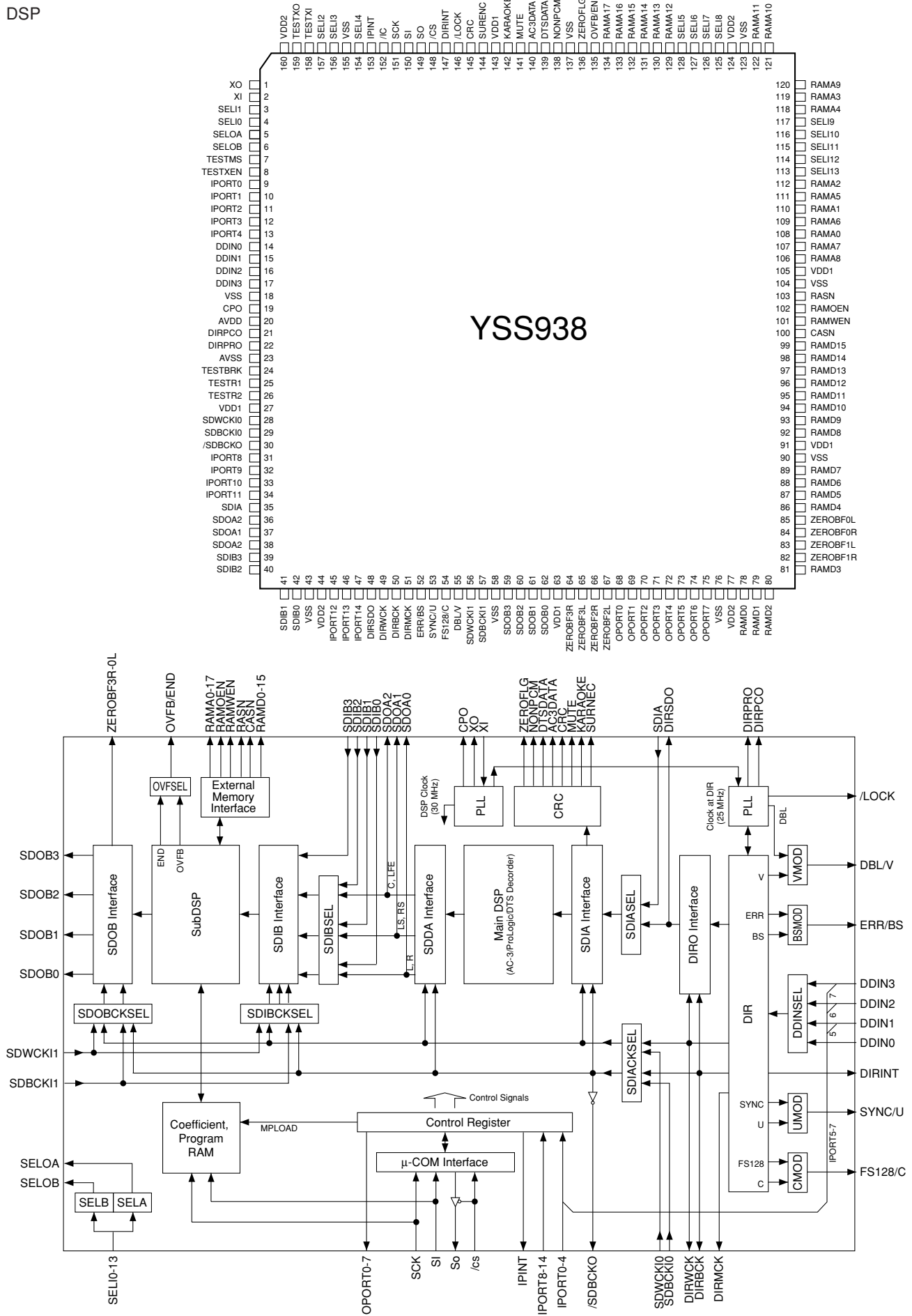
| No. | Port No. | Function name | I/O      | Detail of function                                                  |
|-----|----------|---------------|----------|---------------------------------------------------------------------|
| 1   | SOUT4    | DTEV          | SO       | Electronic Volume IC DATA                                           |
| 2   | CLK4     | CLEV          | SCK      | Electronic Volume IC CLOCK                                          |
| 3   | DA1      | FAN           | DA       | Fan Control                                                         |
| 4   | P93      | PRI           | I        | Protection Excess Current Detect                                    |
| 5   | SOUT3    | SDM           | SO       | YSS938 TxD                                                          |
| 6   | SIN3     | SDD           | SI       | YSS938 RxD                                                          |
| 7   | CLK3     | SCK           | O        | YSS938 CLOCK                                                        |
| 8   | BYTE     | BYTE          | VSS      | Vss: when single chip mode is used                                  |
| 9   | CNVss    | CNVss         | Vss/Vcc  | Vss: when single chip mode is used, Vcc: when flash writing is used |
| 10  | P87      | RIMA          | O        | Power Limiter A                                                     |
| 11  | P86      | RIMB          | O        | Power Limiter B                                                     |
| 12  | RESET    | RESET         | I        | Reset                                                               |
| 13  | Xout     | Xout          | OPEN     | Oscillator Out                                                      |
| 14  | Vss      | Vss           | Vss      | $\mu$ -COM Ground                                                   |
| 15  | Xin      | Xin           | 10MHz    | Oscillator in                                                       |
| 16  | Vcc      | Vcc           | Vcc (BU) | $\mu$ -COM power supply, +5V                                        |
| 17  | NMI      | NMI           | Vcc (BU) | Connect to Vcc because it is unused.                                |
| 18  | INT2     | VSY           | INT      | Vertical Synchronization Detect                                     |
| 19  | INT1     | INT938        | INT      | YSS938 IPINT/MUTE/DIR                                               |
| 20  | P82      | ERY           | O        | Effect SP Relay Output                                              |
| 21  | P81      | MRY           | O        | Main SP Relay Output                                                |
| 22  | P80      | HPRY          | SO       | Headphone Relay Output                                              |
| 23  | P77      | /HP           | I (IPU)  | Effect Detect                                                       |
| 24  | P76      | PRY           | O        | Power Relay Output                                                  |
| 25  | P75      | DMT           | O        | DIG FULL MUTE                                                       |
| 26  | P74      | /ICD          | O        | YSS938 /DA /AD /CODEC /DEM                                          |
| 27  | P73      | CSY           | O        | YSS938 CE                                                           |
| 28  | CLK2     | SCK0          | O        | FL Driver CLOCK                                                     |
| 29  | RXD2     | /CSINT        | I (外部PU) | CS-DSP INT                                                          |
| 30  | TXD2     | SDF           | O (外部PU) | FL Driver TxD                                                       |
| 31  | TXD1     | TXDF          | FLASH    | Flash ROM Serial Write Data Transmission                            |
| 32  | RXD1     | RXDF          | FLASH    | Flash ROM Serial Write Data Reception                               |
| 33  | CLK1     | CLKF          | FLASH    | Flash ROM Serial Clock                                              |
| 34  | P64      | BSY           | FLASH    | Flash BUSY Signal Output                                            |
| 35  | TXD0     | SDTR          | SO       | RDS/OSD TxD                                                         |
| 36  | RXD0     | SDRR          | SI       | RDS RxD                                                             |
| 37  | CLK0     | SCKR          | SCK      | RDS/OSD CLOCK                                                       |
| 38  | P60      |               | O        | EEPROM CE                                                           |
| 39  | P57      | CST           | I        | CS493x TxD                                                          |
| 40  | P56      | CSR           | O        | CS493x RxD                                                          |
| 41  |          |               | GND      | For Flash Writing (LO)                                              |
| 42  | P54      | CSC           | O        | CS493x CLOCK                                                        |
| 43  | P53      | /CSCS         | O        | CS493x CS                                                           |

IC441: M30624MGA (FUNCTION P.C.B.)

16bit  $\mu$ -COM (Main CPU)

| No. | Port No. | Function name | I/O       | Detail of function                       |
|-----|----------|---------------|-----------|------------------------------------------|
| 44  | P52      | /ICCS         | O         | CS493x RESET                             |
| 45  | P51      | /CSOLD        | O         | DIG EXTERNAL CONTROL IC CE               |
| 46  |          |               | I         | For Flash Writing (HI)                   |
| 47  | P47      | CSN           | O         | Chip Select for DAC                      |
| 48  | P46      | VRB           | I         | Volume Rotary B                          |
| 49  | P45      | VRA           | I         | Volume Rotary A                          |
| 50  | P44      | /BLK          | O         | FL Driver Light Off (Reset)              |
| 51  | P43      | SDTP          | SO        | PLL IC TxD                               |
| 52  | P42      | SDRP          | SI        | PLL IC RxD                               |
| 53  | P41      | SCKP          | SCK       | PLL IC CLOCK                             |
| 54  | P40      | CEFD          | O         | FL Driver CE                             |
| 55  | P37      | /ST           | I (IPU)   | Tuner Stereo                             |
| 56  | P36      | TMT           | O         | Tuner Mute                               |
| 57  | P35      | TUNED         | I (IPU)   | Tuner Tuned                              |
| 58  | P34      | RDSE          | O/I (IPU) | RDS Enable/RDS Present/Absent            |
| 59  | P33      | CEP           | O         | PLL IC Chip Enable                       |
| 60  | P32      | DEST          | I (IPU)   | FREQ SW (R Ver)                          |
| 61  | P31      | I/E           | O         | External/Internal Synchronization Output |
| 62  | Vcc      | Vcc           | Vcc (BU)  | Microprocessor Power Supply, +5V         |
| 63  | P30      | CES           | O/I (IPU) | OSD Enable/ N/P Format                   |
| 64  | Vss      | Vss           | Vss       | Microprocessor Ground                    |
| 65  | P27      | CMP1          | O         | Component Selector 1                     |
| 66  | P26      | CMP0          | O         | Component Selector 0                     |
| 67  | P25      | /VR2          | O         | VIDEO Rec Out Selector 2                 |
| 68  | P24      | /VR1          | O         | VIDEO Rec Out Selector 1                 |
| 69  | P23      | VIC           | O         | VIDEO Selector C                         |
| 70  | P22      | VIB           | O         | VIDEO Selector B                         |
| 71  | P21      | VIA           | O         | VIDEO Selector A                         |
| 72  | P20      |               |           | Open                                     |
| 73  | INT5     | REM1          | INT       | Remote Control Input                     |
| 74  | INT4     | PSW           | INT       | Standby SW Input                         |
| 75  | INT3     | PDET          | INT       | Power Down Detect INT                    |
| 76  | P14      | /MTMR         | O         | Mute Main /Rear                          |
| 77  | P13      | /MTCT         | O         | Mute Center                              |
| 78  | P12      | /MTSW         | O         | Mute LFE                                 |
| 79  | P11      | TUN0          | I (IPU)   | Tuner Destination Identify 0             |
| 80  | P10      | TUN1          | I (IPU)   | Tuner Destination Identify 1             |
| 81  | P07      | CELC          | O         | CE for SANYO IC                          |
| 82  | P06      | SDT           | O         | Audio IC Data                            |
| 83  | P05      | SCK           | O         | Audio IC Clock                           |
| 84  | P04      | /SWMIX        | O         | LFE Mix                                  |
| 85  | P03      | /CTMIX        | O         | Center Mix                               |
| 86  | P02      | SEEV          | O         | Electronic Volume IC Chip Enable         |
| 87  | P01      | ICN           | O         | Electronic Volume Reset                  |
| 88  | P00      | A2GAIN        | O         | For A2 Gain Setting                      |
| 89  | AN7      | MODEL         | AD        | Model Identification                     |
| 90  | AN6      | ADKEY2        | AD        | Key AD Input 2                           |
| 91  | AN5      | ADKEY1        | AD        | Key AD Input 1                           |
| 92  | AN4      | ADKEY0        | AD        | Key AD Input 0                           |
| 93  | AN3      | THM           | AD        | Temperature Detect                       |
| 94  | AN2      | PRV           | AD        | Protection Power Supply Voltage Detect   |
| 95  | AN1      | PREMT         | AD        | Power Limiter Detect                     |
| 96  | Avss     | Avss          | Vss       | AD Ground                                |
| 97  | AN0      | PRD           | I         | Protection DC Detect                     |
| 98  | Vref     | Vref          | (+5v)     | AD Reference                             |
| 99  | Avcc     | Avcc          | Vcc (BU)  | AD Power Supply                          |
| 100 | P97      | PRD           | AD        | Open                                     |

IC600 : YSS938  
 DSP



IC600 : YSS938

DSP

| No. | Name    | I/O | Function                                                                                      |
|-----|---------|-----|-----------------------------------------------------------------------------------------------|
| 1   | XO      | O   | Crystal oscillator connecting terminal                                                        |
| 2   | XI      | I   | Crystal oscillator connecting terminal (24.576MHz )                                           |
| 3   | SEL1    | I+  | Built-in selector input 1 (AXD)                                                               |
| 4   | SEL0    | I+  | Built-in selector input 0 (GND)                                                               |
| 5   | SELOA   | O+  | Built-in selector output A (ISEL)                                                             |
| 6   | SELOB   | O+  | Built-in selector output B (RSEL)                                                             |
| 7   | TESTMS  | I+  | Test terminal (unconnected)                                                                   |
| 8   | TESTXEN | I+  | Test terminal (unconnected)                                                                   |
| 9   | IPORT0  | I+  | General purpose input terminal (CXDTA)                                                        |
| 10  | IPORT1  | I+  | General purpose input terminal (CXDTB)                                                        |
| 11  | IPORT2  | I+  | General purpose input terminal                                                                |
| 12  | IPORT3  | I+  | General purpose input terminal                                                                |
| 13  | IPORT4  | I+  | General purpose input terminal                                                                |
| 14  | DDIN0   | Is  | DIR: Digital audio interface data input terminal 0 (ISEL)                                     |
| 15  | DDIN1   | Is  | DIR: Digital audio interface data input terminal 1/General purpose input terminal (Pull down) |
| 16  | DDIN2   | Is  | DIR: Digital audio interface data input terminal 2/General purpose input terminal (Pull down) |
| 17  | DDIN3   | Is  | DIR: Digital audio interface data input terminal 3/General purpose input terminal (Pull down) |
| 18  | VSS     |     | Ground terminal                                                                               |
| 19  | CPO     | A   | PLL filter connecting terminal                                                                |
| 20  | AVDD    |     | +3.3V power terminal (for DIR)                                                                |
| 21  | DIRPCO  | A   | DIR: PLL filter connecting terminal                                                           |
| 22  | DIRPRO  | A   | DIR: PLL filter connecting terminal                                                           |
| 23  | AVSS    |     | Ground terminal (for DIR)                                                                     |
| 24  | TESTBRK | I+  | Test terminal (unconnected)                                                                   |
| 25  | TESTR1  | I+  | PLL initialization signal input terminal for DSP (/ICD)                                       |
| 26  | TESTR2  | I+  | Test terminal (unconnected)                                                                   |
| 27  | VDD1    |     | +3.3V power terminal (for terminal section)                                                   |
| 28  | SDWCKI0 | I+  | Word clock input terminal for SDIA, SDOA, SDIB, SDOB interface (Unconnected)                  |
| 29  | SDBCKI0 | I+  | Bit clock input terminal for SDIA, SDOA, SDIB, SDOB interface (Unconnected)                   |
| 30  | /SDBCK0 | O   | DIRBCK or SDBCKI0 invert clock output terminal (Unconnected)                                  |
| 31  | IPORT8  | I+  | IPINT general purpose input terminal                                                          |
| 32  | IPORT9  | I+  | IPINT general purpose input terminal                                                          |
| 33  | IPORT10 | I+  | IPINT general purpose input terminal (NONPCM)                                                 |
| 34  | IPORT11 | I+  | IPINT general purpose input terminal (NONPCM)                                                 |
| 35  | SDIA    | I   | AC-3/DTS bit stream (or PCM) data input terminal to Main DSP (SDIA)                           |
| 36  | SDOA2   | O   | PCM output terminal from Main DSP (C/LFE output) (Unconnected)                                |
| 37  | SDOA1   | O   | PCM output terminal from Main DSP (LS/RS output) (Unconnected)                                |
| 38  | SDOA0   | O   | PCM output terminal from Main DSP (L/R output)                                                |
| 39  | SDIB3   | I+  | PCM input terminal 3 to Sub DSP                                                               |
| 40  | SDIB2   | I+  | PCM input terminal 2 to Sub DSP                                                               |
| 41  | SDIB1   | I+  | PCM input terminal 1 to Sub DSP                                                               |
| 42  | SDIB0   | I+  | PCM input terminal 0 to Sub DSP                                                               |
| 43  | VSS     |     | Ground terminal                                                                               |
| 44  | VDD2    |     | +2.5V power terminal (for internal circuit)                                                   |
| 45  | IPORT12 | I+  | IPINT general purpose input terminal (MUTE)                                                   |
| 46  | IPORT13 | I+  | IPINT general purpose input terminal (DIRINT)                                                 |
| 47  | IPORT14 | I+  | IPINT general purpose input terminal (Unconnected)                                            |
| 48  | DIRSDO  | O   | AC-3/DTS bit stream (or PCM) data output terminal from DIR                                    |
| 49  | DIRWCK  | O   | DIR: Serial data word clock (fs) output terminal (WCK)                                        |
| 50  | DIRBCK  | O   | DIR: Serial data bit clock (64fs) output terminal (BCK)                                       |
| 51  | DIRMCK  | O   | DIR: Serial data master clock (256fs or 128fs) output terminal (MCK)                          |
| 52  | ERR/BS  | O   | DIR: Data error detect output/block start output terminal (Unconnected)                       |
| 53  | SYNC/U  | O   | DIR: Serial data synchronous timing output/user data output terminal (Unconnected)            |
| 54  | FS128/C | O   | DIR: Serial data master clock 128fs output/channel status output terminal (Unconnected)       |
| 55  | DBL/V   | O   | DIR: Double rate clock output/validity flag output terminal (DBL)                             |

IC600 : YSS938  
DSP

| No. | Name     | I/O  | Function                                                         |
|-----|----------|------|------------------------------------------------------------------|
| 56  | SDWCKI1  | I+   | Word clock input terminal for SDIB, SDOB interface (Unconnected) |
| 57  | SDBCKI1  | I+   | Bit clock input terminal for SDIB, SDOB interface (Unconnected)  |
| 58  | VSS      |      | Ground terminal                                                  |
| 59  | SDOB3    | O    | PCM output terminal from Sub DSP                                 |
| 60  | SDOB2    | O    | PCM output terminal from Sub DSP                                 |
| 61  | SDOB1    | O    | PCM output terminal from Sub DSP                                 |
| 62  | SDOB0    | O    | PCM output terminal from Sub DSP                                 |
| 63  | VDD1     |      | +3.3V power terminal (for terminal section)                      |
| 64  | ZEROBF3R | O+   | SDOB3 Rch zero flag output terminal (ZF3R)                       |
| 65  | ZEROBF3L | O+   | SDOB3 Lch zero flag output terminal (ZF3L)                       |
| 66  | ZEROBF2R | O+   | SDOB2 Rch zero flag output terminal (ZF2R)                       |
| 67  | ZEROBF2L | O+   | SDOB2 Lch zero flag output terminal (ZF2L)                       |
| 68  | OPORT0   | O    | General purpose output terminal (/RINH1)                         |
| 69  | OPORT1   | O    | General purpose output terminal (/RINH2)                         |
| 70  | OPORT2   | O    | General purpose output terminal (/ICCDC)                         |
| 71  | OPORT3   | O    | General purpose output terminal (DFS)                            |
| 72  | OPORT4   | O    | General purpose output terminal (ZSEL0)                          |
| 73  | OPORT5   | O    | General purpose output terminal (ZSEL1)                          |
| 74  | OPORT6   | O    | General purpose output terminal (/ICCS)                          |
| 75  | OPORT7   | O    | General purpose output terminal                                  |
| 76  | VSS      |      | Ground terminal                                                  |
| 77  | VDD2     |      | +2.5V power terminal (for internal circuit)                      |
| 78  | RAMD0    | I+/O | Sub DSP: External memory data terminal 0                         |
| 79  | RAMD1    | I+/O | Sub DSP: External memory data terminal 1                         |
| 80  | RAMD2    | I+/O | Sub DSP: External memory data terminal 2                         |
| 81  | RAMD3    | I+/O | Sub DSP: External memory data terminal 3                         |
| 82  | ZEROBF1R | O+   | SDOB1 Rch zero flag output terminal (ZF1R)                       |
| 83  | ZEROBF1L | O+   | SDOB1 Lch zero flag output terminal (ZF1L)                       |
| 84  | ZEROBF0R | O+   | SDOB0 Rch zero flag output terminal (ZF0R)                       |
| 85  | ZEROBF0L | O+   | SDOB0 Lch zero flag output terminal (ZF0L)                       |
| 86  | RAMD4    | I+/O | Sub DSP: External memory data terminal 4                         |
| 87  | RAMD5    | I+/O | Sub DSP: External memory data terminal 5                         |
| 88  | RAMD6    | I+/O | Sub DSP: External memory data terminal 6                         |
| 89  | RAMD7    | I+/O | Sub DSP: External memory data terminal 7                         |
| 90  | VSS      |      | Ground terminal                                                  |
| 91  | VDD1     |      | +3.3V power terminal (for terminal section)                      |
| 92  | RAMD8    | I+/O | Sub DSP: External memory data terminal 8                         |
| 93  | RAMD9    | I+/O | Sub DSP: External memory data terminal 9                         |
| 94  | RAMD10   | I+/O | Sub DSP: External memory data terminal 10                        |
| 95  | RAMD11   | I+/O | Sub DSP: External memory data terminal 11                        |
| 96  | RAMD12   | I+/O | Sub DSP: External memory data terminal 12                        |
| 97  | RAMD13   | I+/O | Sub DSP: External memory data terminal 13                        |
| 98  | RAMD14   | I+/O | Sub DSP: External memory data terminal 14                        |
| 99  | RAMD15   | I+/O | Sub DSP: External memory data terminal 15                        |
| 100 | CASN     | O    | Sub DSP: Column address strobe output terminal for external DRAM |
| 101 | RAMWEN   | O    | Sub DSP: Write enable terminal for external memory               |
| 102 | RAMOEN   | O    | Sub DSP: Output enable terminal for external memory              |
| 103 | RASN     | O    | Sub DSP: Low address strobe output terminal for external DRAM    |
| 104 | VSS      |      | Ground terminal                                                  |
| 105 | VDD1     |      | +3.3V power terminal (for terminal section)                      |
| 106 | RAMA8    | O    | Sub DSP: External memory address terminal 8                      |
| 107 | RAMA7    | O    | Sub DSP: External memory address terminal 7                      |
| 108 | RAMA0    | O    | Sub DSP: External memory address terminal 0                      |
| 109 | RAMA6    | O    | Sub DSP: External memory address terminal 6                      |
| 110 | RAMA1    | O    | Sub DSP: External memory address terminal 1                      |

IC600 : YSS938

DSP

| No. | Name     | I/O   | Function                                                                          |
|-----|----------|-------|-----------------------------------------------------------------------------------|
| 111 | RAMA5    | O     | Sub DSP: External memory address terminal 5                                       |
| 112 | RAMA2    | O     | Sub DSP: External memory address terminal 2                                       |
| 113 | SEL13    | I+    | Built-in selector input 13 (Unconnected)                                          |
| 114 | SEL12    | I+    | Built-in selector input 12                                                        |
| 115 | SEL11    | I+    | Built-in selector input 11 (Unconnected)                                          |
| 116 | SEL10    | I+    | Built-in selector input 10 (Unconnected)                                          |
| 117 | SEL9     | I+    | Built-in selector input 9                                                         |
| 118 | RAMA4    | O     | Sub DSP: External memory address terminal 4                                       |
| 119 | RAMA3    | O     | Sub DSP: External memory address terminal 3                                       |
| 120 | RAMA9    | O     | Sub DSP: External memory address terminal 9 (Unconnected)                         |
| 121 | RAMA10   | O     | Sub DSP: External memory address terminal 10 (Unconnected)                        |
| 122 | RAMA11   | O     | Sub DSP: External memory address terminal 11 (Unconnected)                        |
| 123 | VSS      |       | Ground terminal                                                                   |
| 124 | VDD2     |       | +2.5V power terminal (for internal circuit)                                       |
| 125 | SEL8     | I+    | Built-in selector input 8 (CXA)                                                   |
| 126 | SEL7     | I+    | Built-in selector input 7 (GND)                                                   |
| 127 | SEL6     | I+    | Built-in selector input 6 (OPTF)                                                  |
| 128 | SEL5     | I+    | Built-in selector input 5 (Unconnected)                                           |
| 129 | RAMA12   | O     | Sub DSP: External memory address terminal 12 (Unconnected)                        |
| 130 | RAMA13   | O     | Sub DSP: External memory address terminal 13 (Unconnected)                        |
| 131 | RAMA14   | O     | Sub DSP: External memory address terminal 14 (Unconnected)                        |
| 132 | RAMA15   | O     | Sub DSP: External memory address terminal 15 (Unconnected)                        |
| 133 | RAMA16   | O     | Sub DSP: External memory address terminal 16 (Unconnected)                        |
| 134 | RAMA17   | O     | Sub DSP: External memory address terminal 17 (Unconnected)                        |
| 135 | OVFB/END | O     | Sub DSP: Overflow/program end detect terminal (Unconnected)                       |
| 136 | ZEROFLG  | O     | Main DSP: Zero flag output terminal (Unconnected)                                 |
| 137 | VSS      |       | Ground terminal                                                                   |
| 138 | NONPCM   | O     | Main DSP: Non-PCM data detect terminal                                            |
| 139 | DTSDATA  | O     | Main DSP: DTS data detect terminal (Unconnected)                                  |
| 140 | AC3DATA  | O     | Main DSP: AC3 data detect terminal (Unconnected)                                  |
| 141 | MUTE     | O     | Main DSP: Auto mute detect terminal                                               |
| 142 | KARAOKE  | O     | Main DSP: AC3 KARAOKE data detect terminal (Unconnected)                          |
| 143 | VDD1     | +3.3V | power terminal (for terminal section)                                             |
| 144 | SURENC   | O     | Main DSP: AC-3 2/0 mode Dolby surround encode input detect terminal (Unconnected) |
| 145 | CRC      | O     | Main DSP: AC3 CRC error detect terminal (Unconnected)                             |
| 146 | /LOCK    | O     | DIR: PLL lock detect terminal (Unconnected)                                       |
| 147 | DIRINT   | O     | DIR: Interrupt output terminal                                                    |
| 148 | /CS      | Is    | Microprocessor interface chip select input terminal (CSY)                         |
| 149 | SO       | Ot    | Microprocessor interface data output terminal                                     |
| 150 | SI       | Is    | Microprocessor interface data input terminal (SDM)                                |
| 151 | SCK      | Is    | Microprocessor interface clock input terminal (SCKY)                              |
| 152 | /IC      | Is    | Initial clear input terminal (/ICD)                                               |
| 153 | IPINT    | O+    | Interrupt output terminal by IPORT 8-14                                           |
| 154 | SEL14    | I+    | Built-in selector input 4 (OPTD)                                                  |
| 155 | VSS      |       | Ground terminal                                                                   |
| 156 | SEL13    | I+    | Built-in selector input 3 (OPTC)                                                  |
| 157 | SEL12    | I+    | Built-in selector input 2 (OPTB)                                                  |
| 158 | TESTXI   | I     | Test terminal (should be always connected to VSS)                                 |
| 159 | TESTXO   | O     | Test terminal (Unconnected)                                                       |
| 160 | VDD2     | +2.5V | power terminal (for internal circuit)                                             |

Is: Schmidt trigger input terminal  
I+: Input terminal with pull-up resistor  
O: Digital output terminal  
Ot: 3-state digital output terminal  
A: Analog terminal

PIN CONNECTION DIAGRAM

ICs

|                                               |                                                                    |                                                |                                                          |                                       |                                    |
|-----------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------|---------------------------------------|------------------------------------|
| <div>LM61CIZ</div> <div></div>                | <div>NJM78L05A-T3</div> <div></div>                                | <div>NJM7805FA<br/>NJM7812FA</div> <div></div> | <div>NJM79M05FA<br/>NJM79M12FA</div> <div></div>         | <div>μPC29M33T-E1</div> <div></div>   | <div>PQ025EZ5MZP</div> <div></div> |
| <div>NJM2904M<br/>μPC4570G2</div> <div></div> | <div>TC74HCT00AF<br/>TC74HCT08AF<br/>TC74HCU04AF</div> <div></div> | <div>TC74HC4053AF</div> <div></div>            | <div>AK4382AVT<br/>LA7108M<br/>LA7104M</div> <div></div> | <div>TC74HC4051AFEL</div> <div></div> |                                    |
| <div>YAC520-EE2</div> <div></div>             | <div>LC72722</div> <div></div>                                     | <div>CY62256LL</div> <div></div>               | <div>LC78211<br/>LC78213</div> <div></div>               | <div>LA7109</div> <div></div>         |                                    |
| <div>MSM514260C-60JS</div> <div></div>        | <div>AK4527BVQ</div> <div></div>                                   | <div>CS493292-CLR</div> <div></div>            | <div>LC75712E</div> <div></div>                          |                                       |                                    |
| <div>XC9572XL-10TQ100C</div> <div></div>      | <div>M30624MGA</div> <div></div>                                   | <div>YSS938</div> <div></div>                  |                                                          |                                       |                                    |

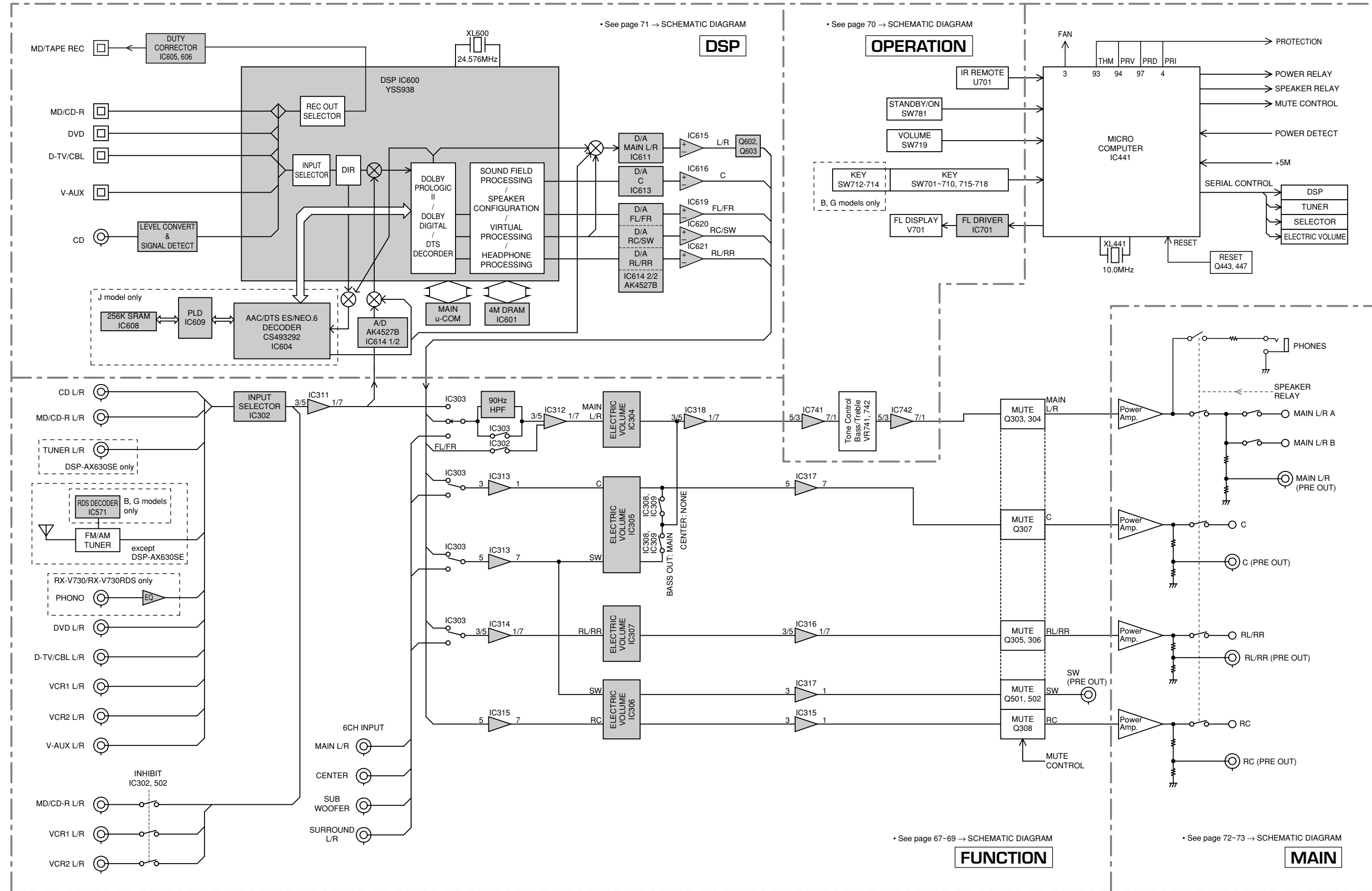
Diodes

|                                                              |                                                                                                                                  |             |                                                                                                                       |             |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------|-------------|
| <div>1N4002S<br/>1SS133<br/>1SS176<br/>1SS270A<br/>1T2</div> | <div>MTZJ4.7C<br/>MTZJ6.8B<br/>MTZJ8.2B<br/>MTZJ9.1B<br/>MTZJ12.0B<br/>MTZJ12.0C<br/>MTZJ15.0B<br/>MTZJ24.0C<br/>MTZJ30.0A</div> | <div></div> | <div>1SS355<br/>MA8056-M<br/>RB501V-40<br/>UDZ5.1B<br/>UDZ6.8B<br/>UDZ7.5B<br/>UDZ13B<br/>UDZS5.6B<br/>UDZS6.2B</div> | <div></div> |
| <div>S1VB20</div> <div></div>                                | <div>S5VB20</div> <div></div>                                                                                                    |             |                                                                                                                       |             |

Transistors

|                                                                                            |                                                           |                                                       |                                            |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|--------------------------------------------|
| <div>2SA893A<br/>2SA1015<br/>2SB949<br/>2SC1815<br/>2SC1890A<br/>2SC2240</div> <div></div> | <div>2SC1740S<br/>2SD1915F<br/>2SD1991A</div> <div></div> | <div>2SB941<br/>2SB1565<br/>2SD2396</div> <div></div> | <div>2SA1695<br/>2SC4468</div> <div></div> |
| <div>2SA1037K<br/>2SC2412K<br/>2SC3326<br/>DTA144EK</div> <div></div>                      | <div>2SA1770<br/>2SC4488<br/>2SC4614</div> <div></div>    | <div>2SK246</div> <div></div>                         |                                            |

■ BLOCK DIAGRAM (1/2)

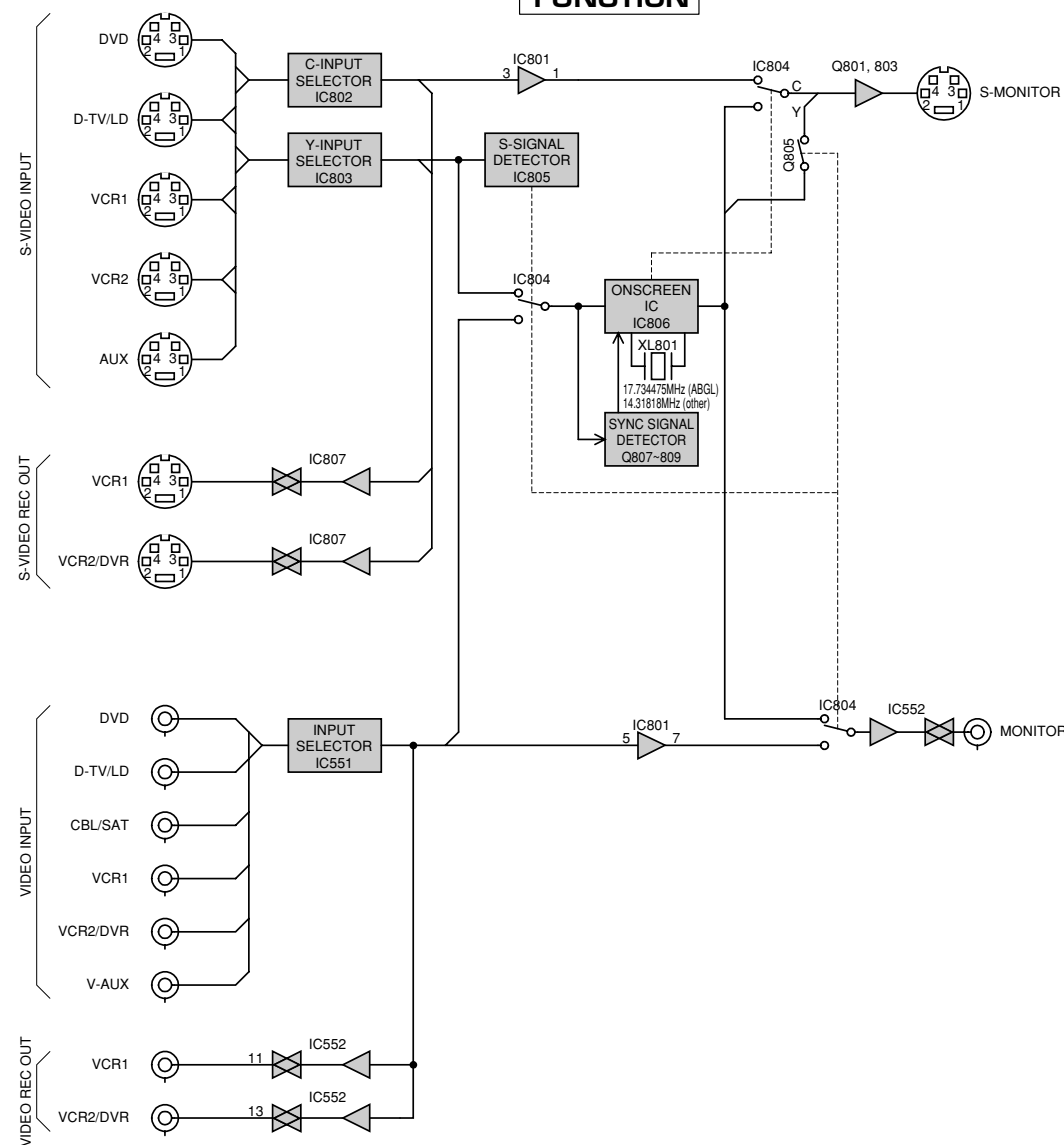


## BLOCK DIAGRAM (2/2)

### RX-V730/RX-V730RDS

• See page 67~68 → SCHEMATIC DIAGRAM

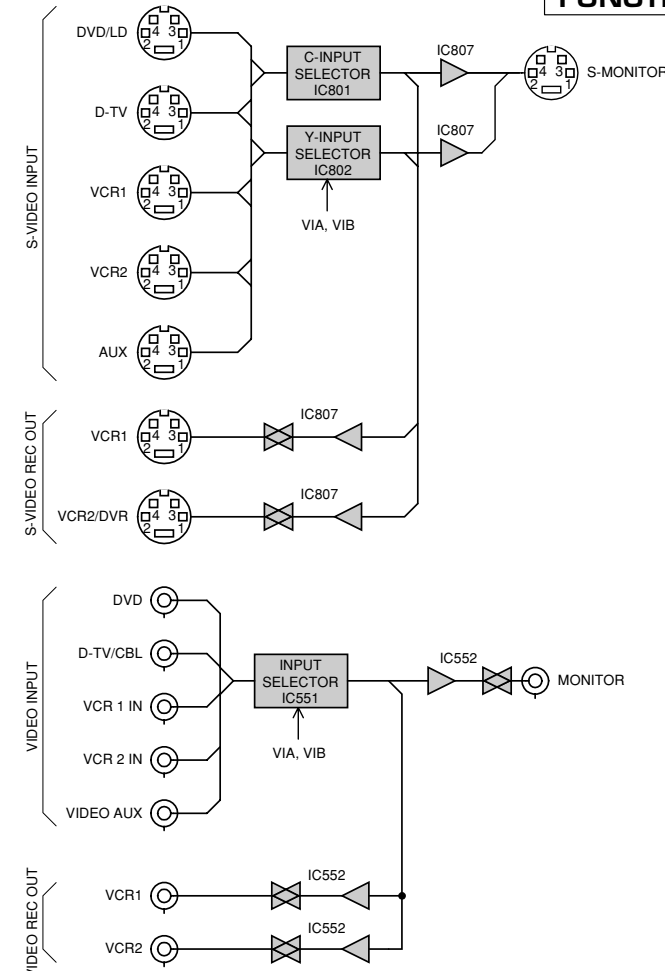
#### FUNCTION



### RX-V630/RX-V630RDS/HTR-5560/HTR-5560HTR-5560RDS/DSP-AX630/DSP-AX630SE

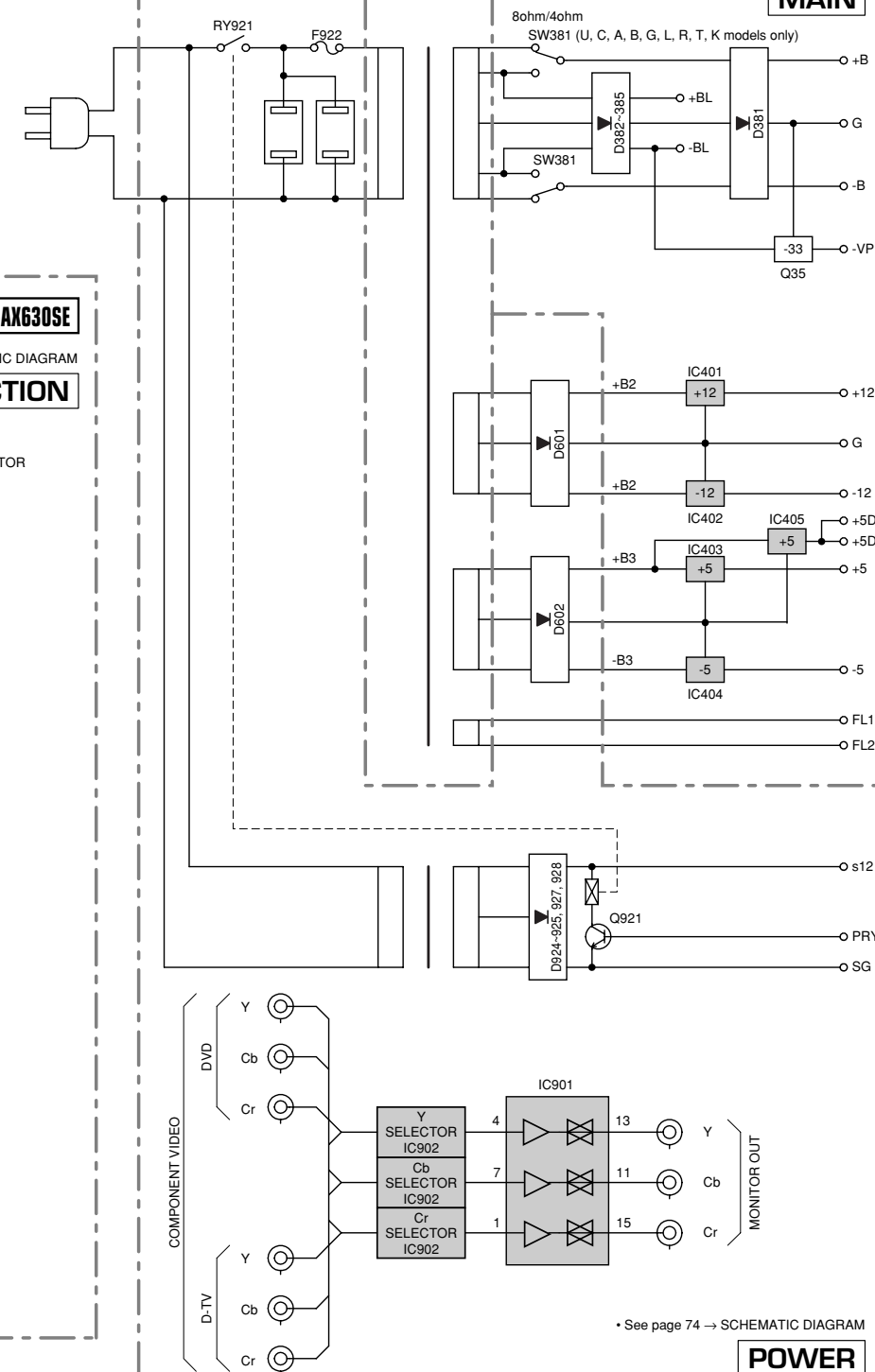
• See page 67, 69 → SCHEMATIC DIAGRAM

#### FUNCTION



• See page 72~73 → SCHEMATIC DIAGRAM

#### MAIN

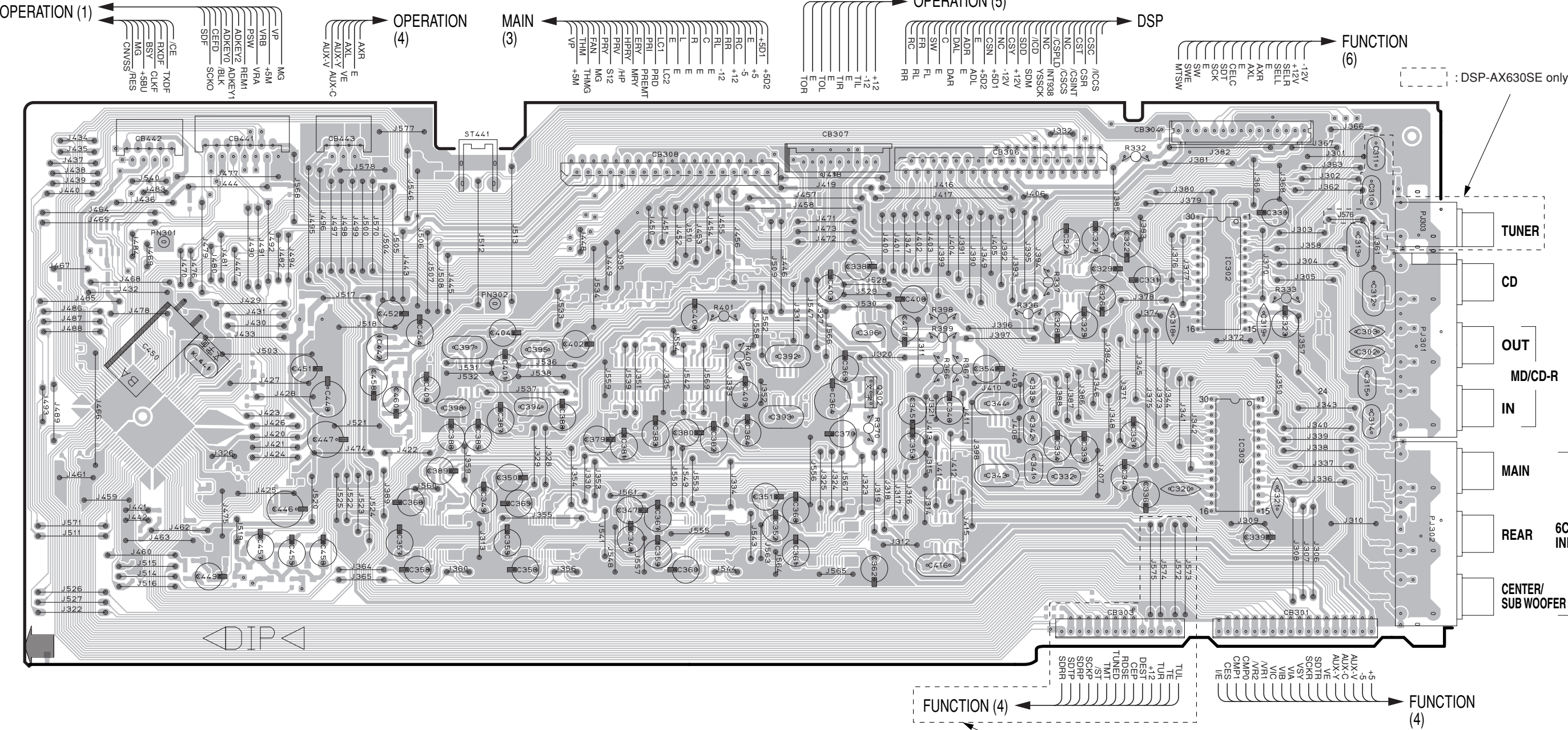


• See page 74 → SCHEMATIC DIAGRAM

#### POWER

PRINTED CIRCUIT BOARD (Foil side)

FUNCTION (1) P. C. B. (Lead Type Device)



Semiconductor Location

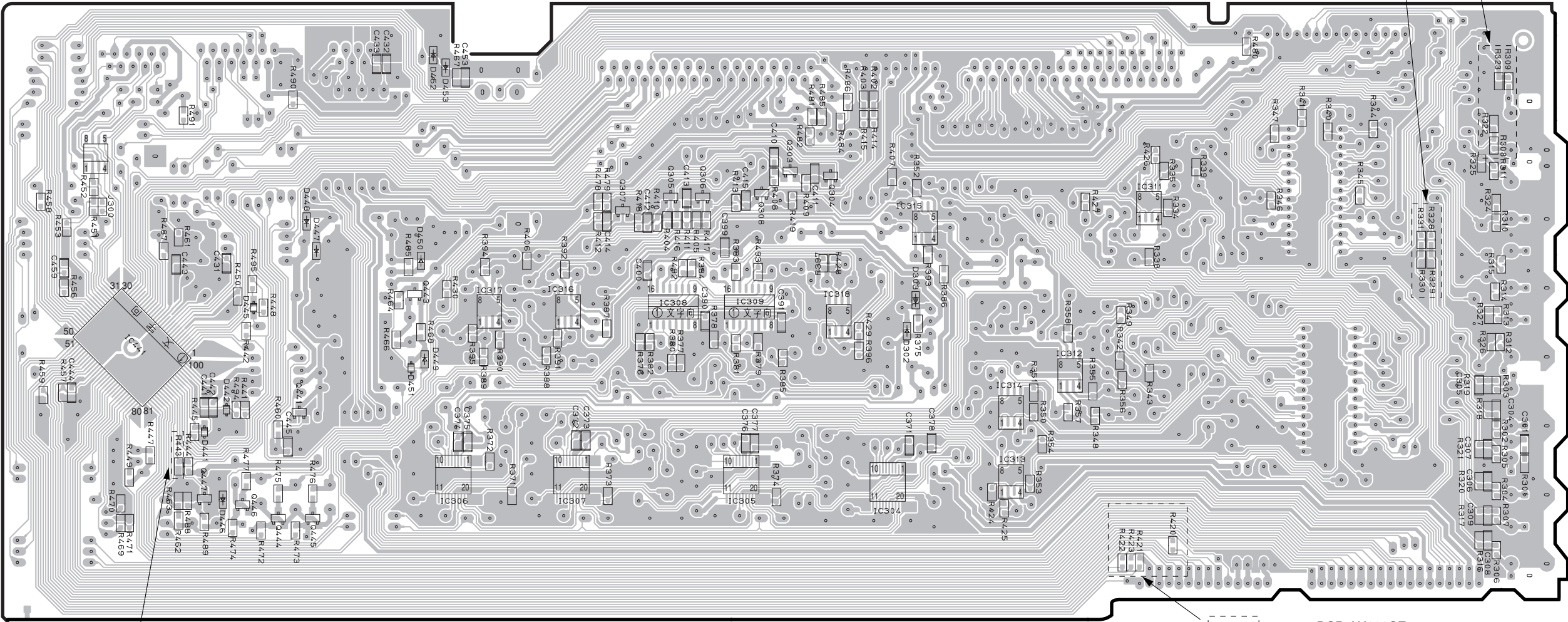
| Ref. No. | Location |
|----------|----------|
| IC302    | H4       |
| IC303    | H5       |
| Q302     | F4       |

| Circuit No. | J | U, C | R, T, K | A, L | B, G |
|-------------|---|------|---------|------|------|
| C445, 446   | X | X    | O       | O    | O    |
| J441        | O | O    | X       | X    | X    |
| J442        | O | X    | X       | O    | O    |
| Q441        | X | X    | O       | O    | O    |
| R447, 460   | X | X    | O       | O    | O    |
| R449        | X | O    | O       | X    | X    |
| R457        | X | O    | O       | X    | X    |
| R459        | O | O    | O       | O    | X    |

X: NOT USED  
O: USED / APPLICABLE

PRINTED CIRCUIT BOARD (Foil side)

FUNCTION (1) P. C. B. (Surface Mount Device)



: RX-V630/RX-V630RDS/DSP-AX630/DSP-AX630SE only

: except DSP-AX630SE

Semiconductor Location

| Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| D302     | F3       | D450     | C3       | IC309    | E3       | IC441    | B4       | Q443     | C3       |
| D303     | F3       | D451     | C4       | IC311    | G3       | IC442    | A2       | Q444     | B4       |
| D441     | B4       | D452     | C2       | IC312    | G4       | Q303     | E3       | Q445     | C4       |
| D442     | B4       | D453     | C2       | IC313    | F4       | Q304     | E3       | Q446     | B4       |
| D445     | B3       | IC304    | F4       | IC314    | F4       | Q305     | D3       | Q447     | B4       |
| D446     | B4       | IC305    | E4       | IC315    | F3       | Q306     | E3       |          |          |
| D447     | C3       | IC306    | C4       | IC316    | D3       | Q307     | D3       |          |          |
| D448     | C3       | IC307    | D4       | IC317    | D3       | Q308     | E3       |          |          |
| D449     | C4       | IC308    | D3       | IC318    | E3       | Q441     | C4       |          |          |

| Circuit No. | J | U, C | R, T, K | A, L | B, G |
|-------------|---|------|---------|------|------|
| C445, 446   | X | X    | X       | O    | O    |
| J441        | O | O    | X       | X    | X    |
| J442        | O | X    | X       | O    | O    |
| Q441        | X | X    | O       | O    | O    |
| R447, 460   | X | X    | O       | O    | O    |
| R449        | X | O    | O       | X    | X    |
| R457        | X | O    | O       | X    | X    |
| R459        | O | O    | O       | O    | X    |

X: NOT USED  
O: USED / APPLICABLE

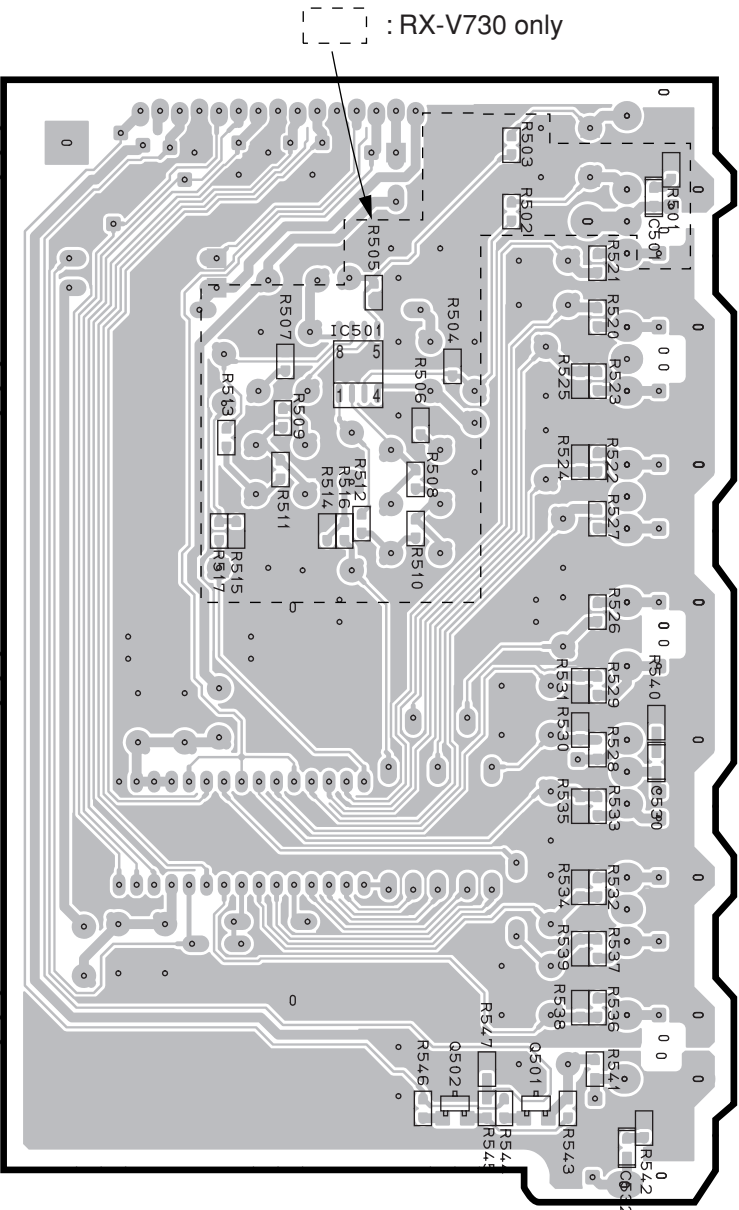
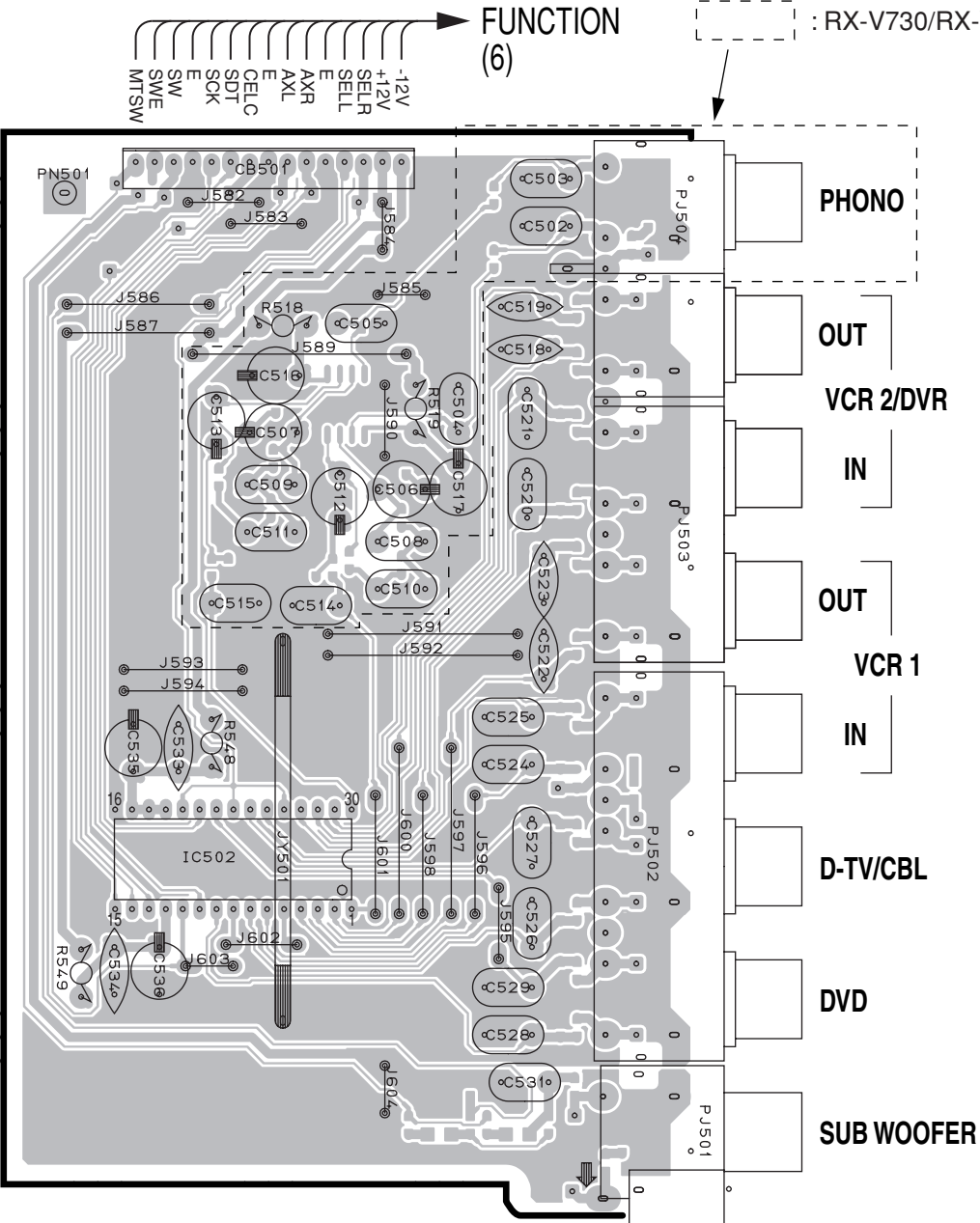
PRINTED CIRCUIT BOARD (Foil side)

FUNCTION (2) P. C. B.

(Lead Type Device)

FUNCTION (2) P. C. B.

(Surface Mount Device)



Semiconductor Location

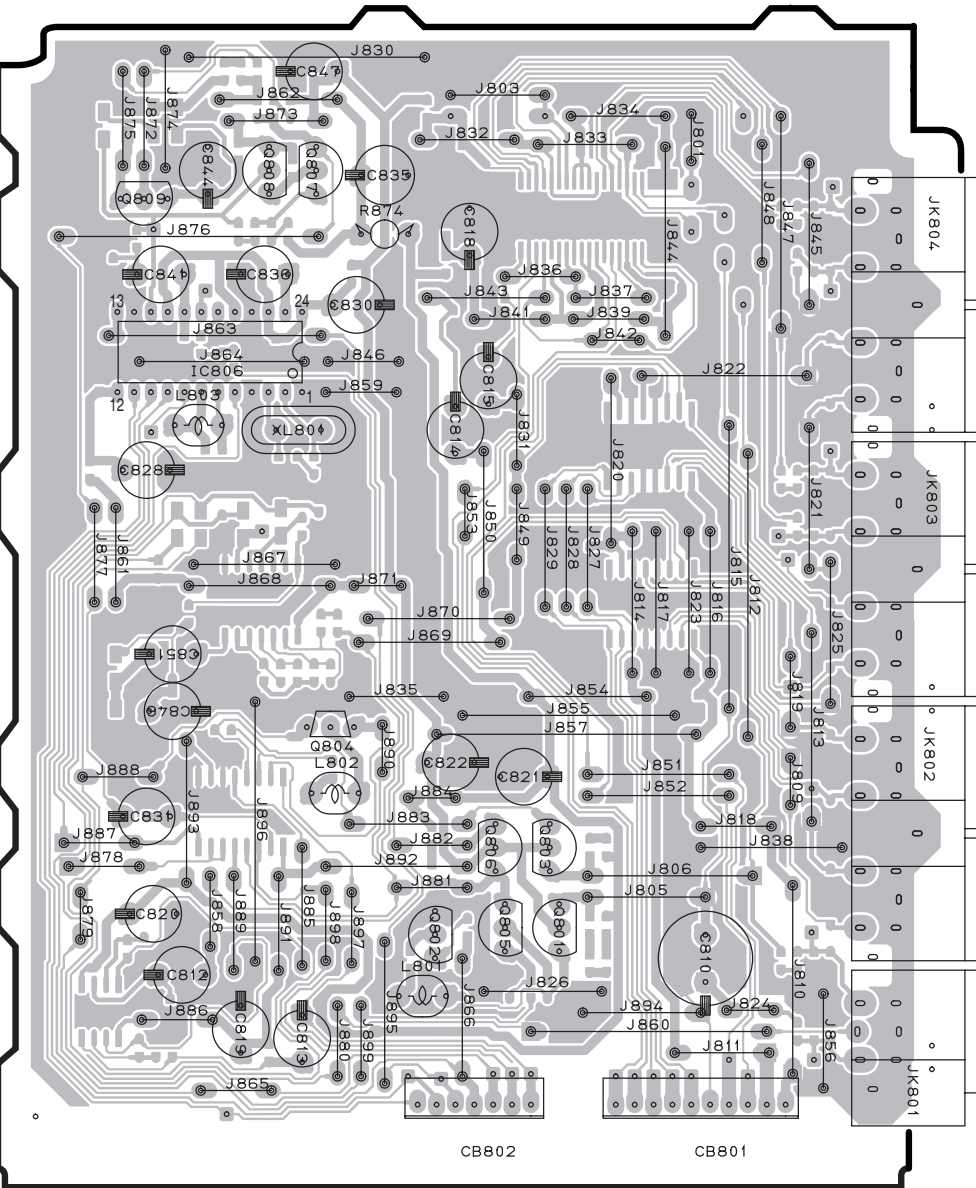
| Ref. No. | Location |
|----------|----------|
| IC501    | F3       |
| IC502    | B5       |
| Q501     | F5       |
| Q502     | F5       |

| Circuit No.                         | J, U, C, K | R, T | B, G | A, L |
|-------------------------------------|------------|------|------|------|
| C502, 503                           | X          | X    | O    | O    |
| X: NOT USED<br>O: USED / APPLICABLE |            |      |      |      |

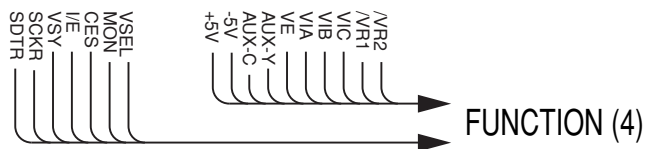
## 55

PRINTED CIRCUIT BOARD (Foil side) RX-V730/RX-V730RDS

FUNCTION (5) P. C. B. (Lead Type Device)



OUT  
VCR 2/DVR  
IN  
OUT  
VCR 1  
IN  
D-TV/CBL  
DVD  
MONITOR



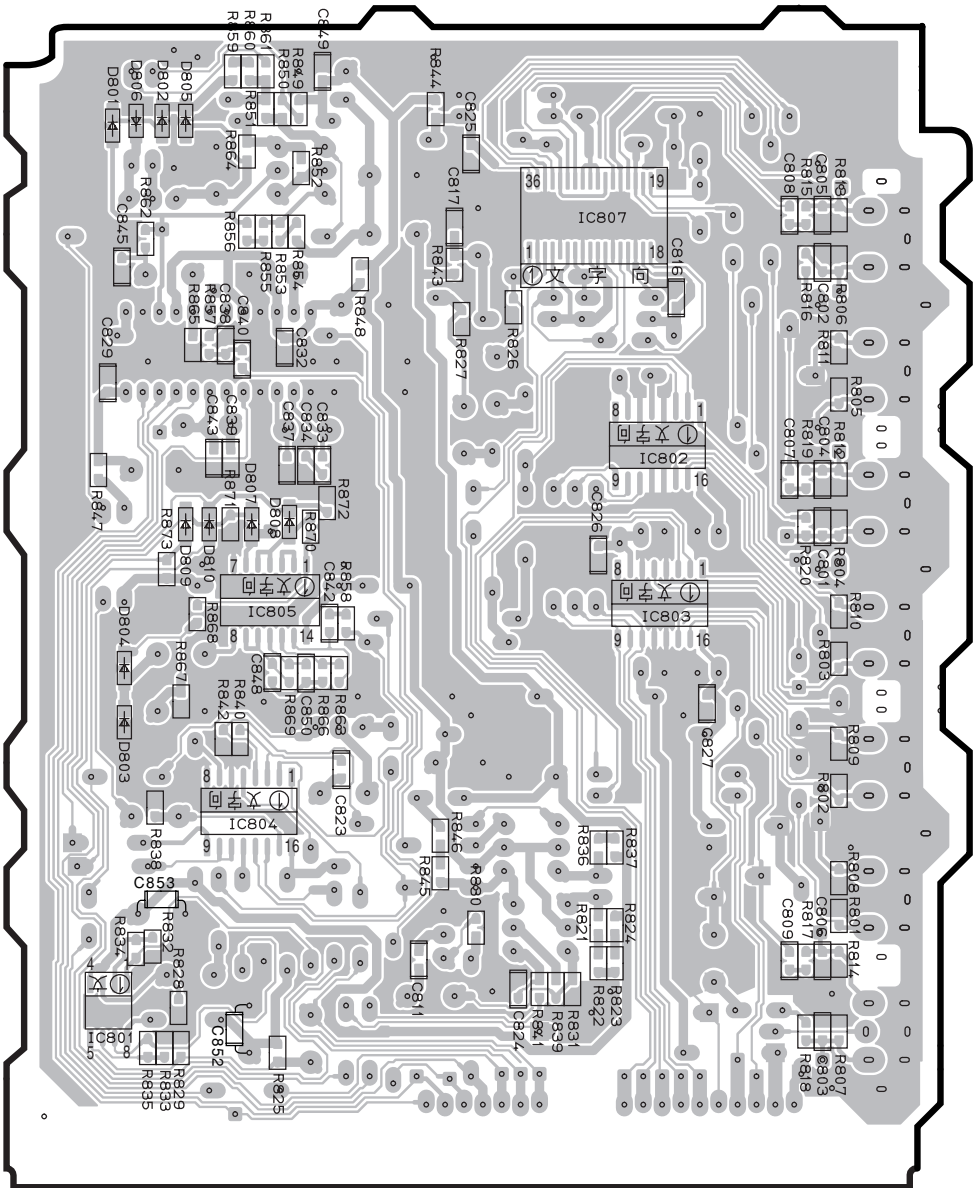
Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| IC802    | G3       |
| IC803    | G3       |
| IC807    | G2       |

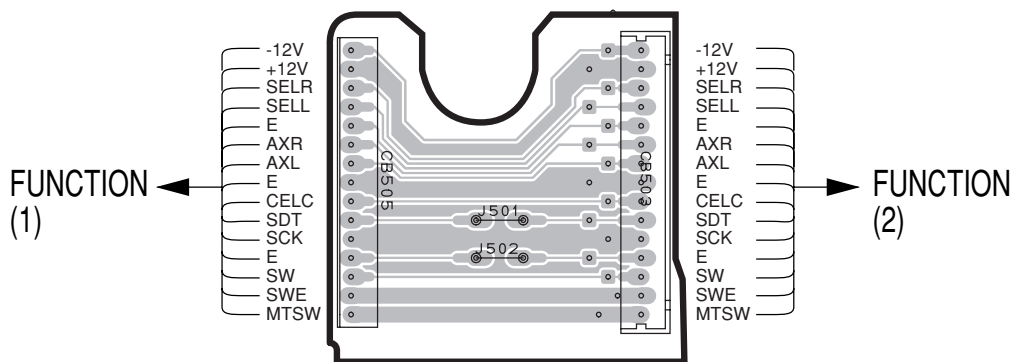
| Circuit No.        | U, C, K | R, T | B, G | A, L |
|--------------------|---------|------|------|------|
| C502, 503          | X       | X    | O    | O    |
| C575-583, 590      | X       | X    | O    | X    |
| L571               | X       | X    | O    | X    |
| Q572, 574          | X       | X    | O    | X    |
| R575-580, 582, 583 | X       | X    | O    | X    |
| IC571              | X       | X    | O    | X    |
| SW571              | X       | O    | X    | X    |
| XL571              | X       | X    | O    | X    |

X: NOT USED  
O: USED / APPLICABLE

FUNCTION (5) P. C. B. (Surface Mount Device)

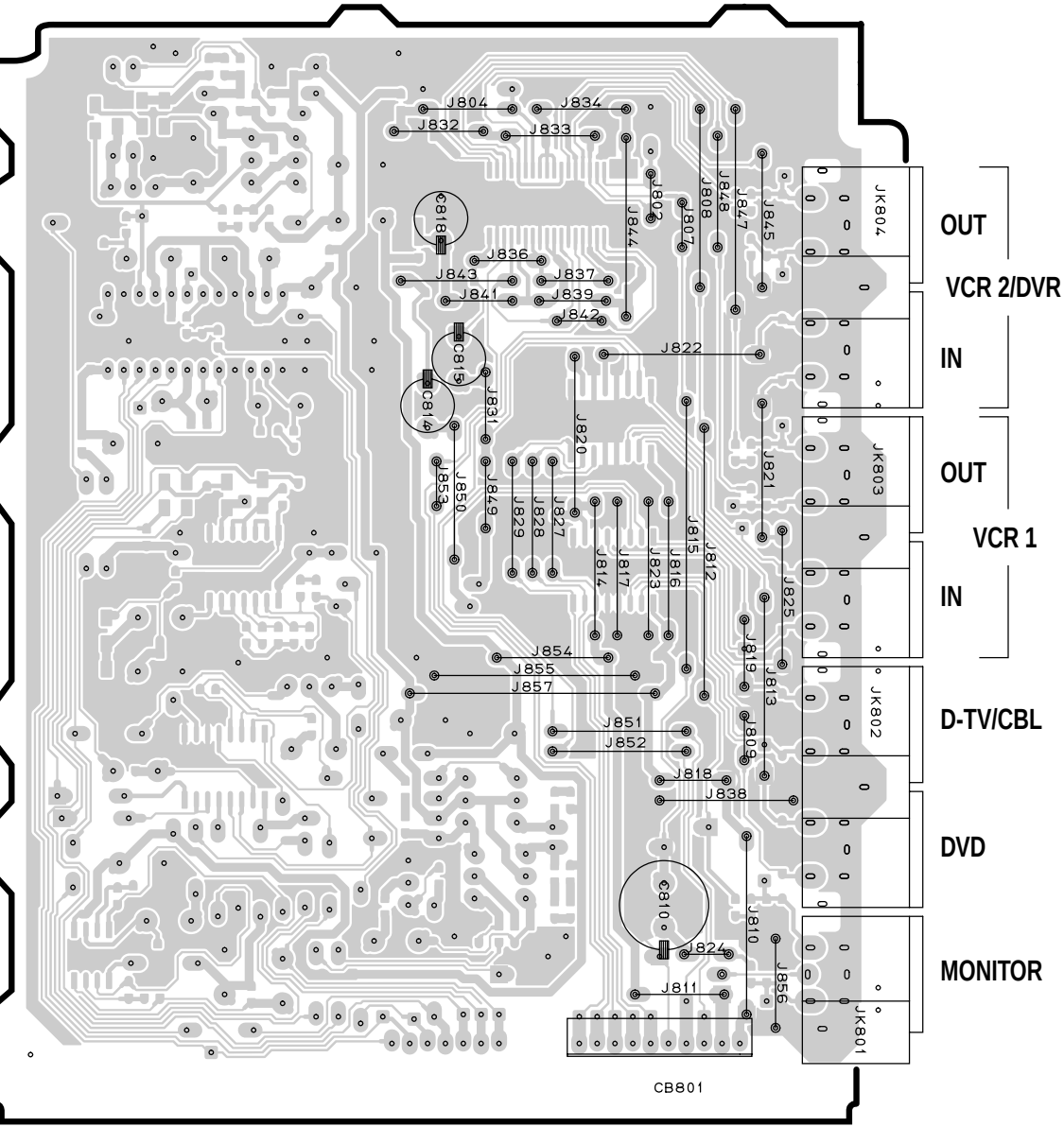


FUNCTION (6) P. C. B. (Lead Type Device)

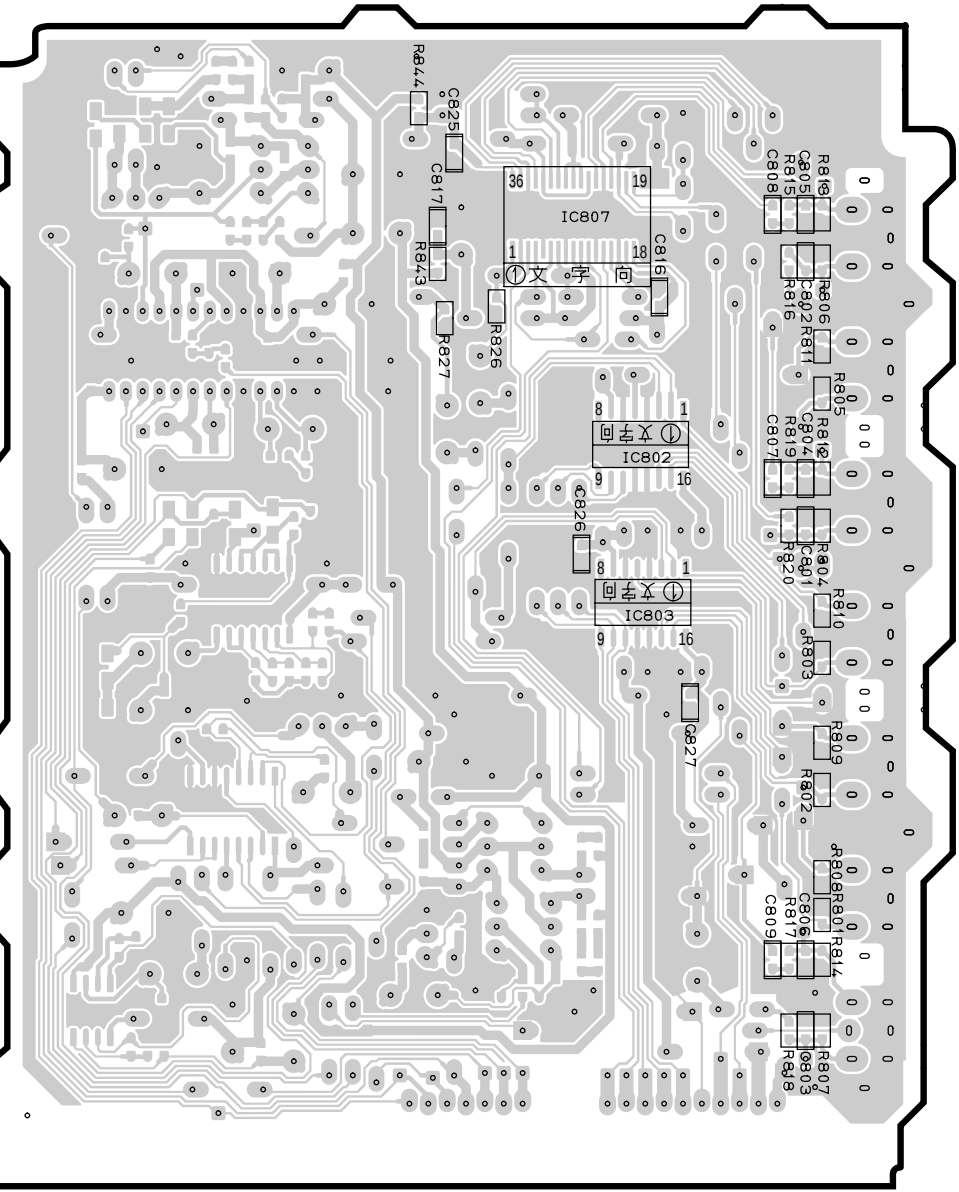


PRINTED CIRCUIT BOARD (Foil side) RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE

FUNCTION (5) P. C. B. (Lead Type Device)

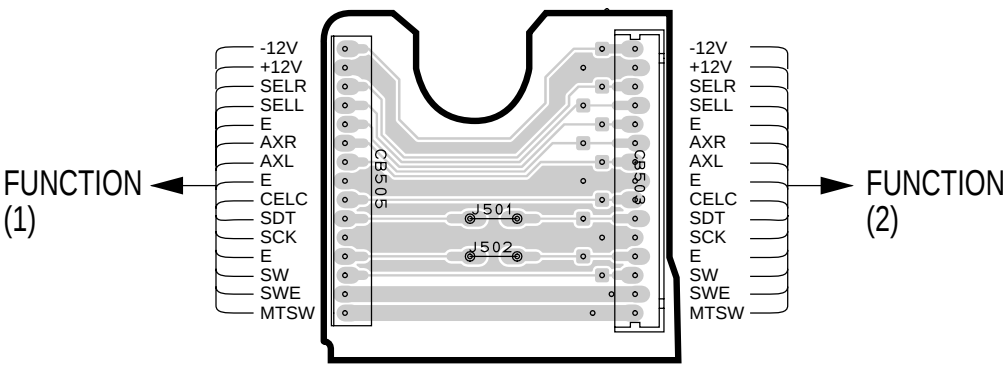


FUNCTION (5) P. C. B. (Surface Mount Device)



FUNCTION (6) P. C. B.

(Lead Type Device)



Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| IC802    | G3       |
| IC803    | G3       |
| IC807    | G2       |

| Circuit No.        | J, U, C, K | R, T | B, G | A, L |
|--------------------|------------|------|------|------|
| C502, 503          | X          | X    | O    | O    |
| C575-583, 590      | X          | X    | O    | X    |
| L571               | X          | X    | O    | X    |
| Q572, 574          | X          | X    | O    | X    |
| R575-580, 582, 583 | X          | X    | O    | X    |
| IC571              | X          | X    | O    | X    |
| SW571              | X          | O    | X    | X    |
| XL571              | X          | X    | O    | X    |

X: NOT USED  
O: USED / APPLICABLE

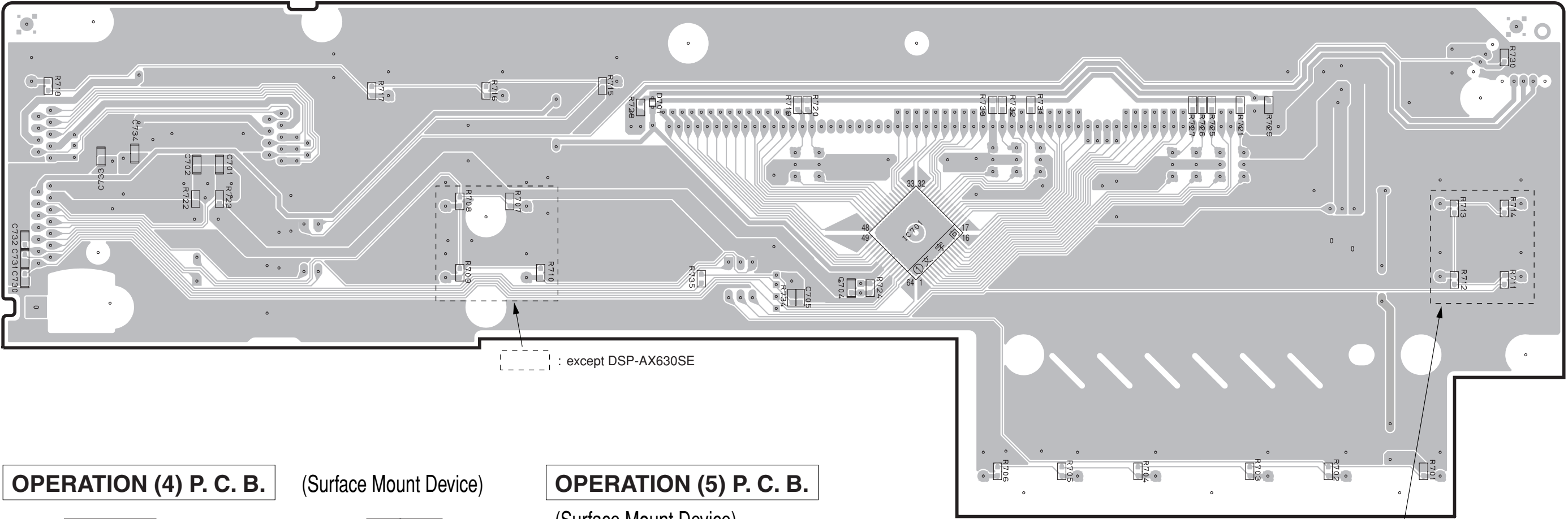


|             |                        |      |
|-------------|------------------------|------|
| Circuit No. | J, U, C, R, T, K, A, L | B, G |
| R711~714    | X                      | O    |

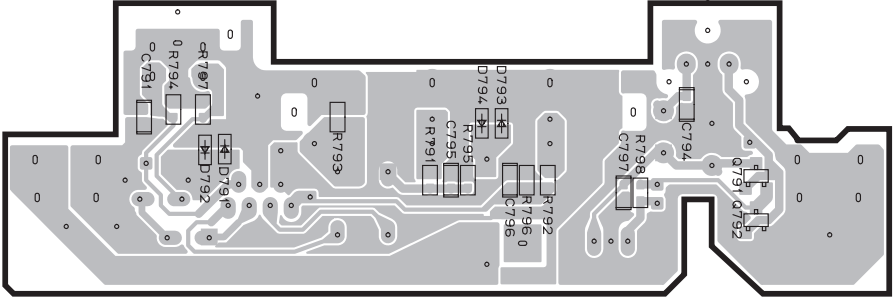
X: NOT USED  
O: USED / APPLICABLE

PRINTED CIRCUIT BOARD (Foil side)

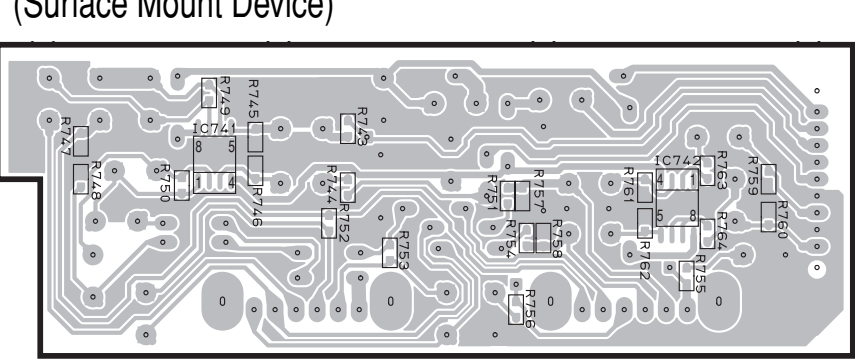
OPERATION (1) P. C. B. (Surface Mount Device)



OPERATION (4) P. C. B. (Surface Mount Device)



OPERATION (5) P. C. B. (Surface Mount Device)



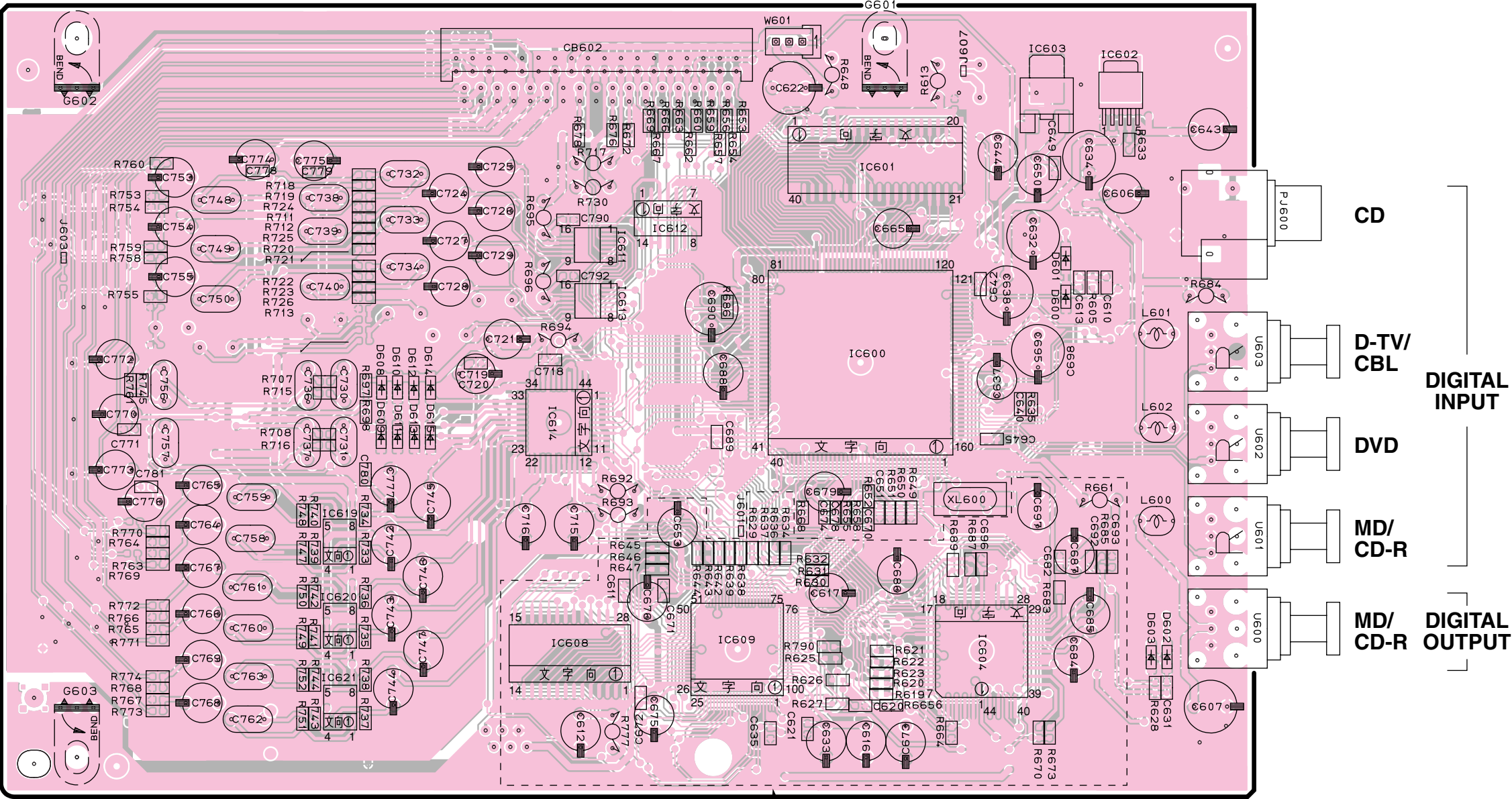
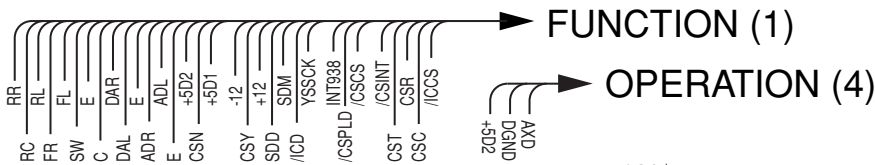
: except DSP-AX630SE

Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D701     | E2       |
| D791     | B5       |
| D792     | A5       |
| D793     | B5       |
| D794     | B5       |
| IC701    | F3       |
| IC741    | E5       |
| IC742    | F5       |
| Q791     | C5       |
| Q792     | C5       |

PRINTED CIRCUIT BOARD (Foil side)

DSP P. C. B. (Lead Type Device)



: J model only

Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D600     | F3       |
| D601     | F3       |
| D602     | G5       |
| D603     | G5       |
| D608     | C4       |
| D609     | C4       |
| D610     | C4       |
| D611     | C4       |
| D612     | C4       |
| D613     | C4       |
| D614     | C4       |
| D615     | C4       |
| IC600    | E4       |
| IC601    | E3       |
| IC602    | F2       |
| IC603    | F2       |
| IC604    | F5       |
| IC608    | D5       |
| IC609    | E5       |
| IC611    | D3       |
| IC612    | D3       |
| IC613    | D3       |
| IC614    | D4       |
| IC619    | C4       |
| IC620    | C5       |
| IC621    | C5       |

| Circuit No. | J | U, C, R, T, K, A, B, G |
|-------------|---|------------------------|
| IC612       | X | O                      |
| J601        | X | O                      |
| R668        | X | O                      |

X: NOT USED  
O: USED / APPLICABLE

1 ■ PRINTED CIRCUIT BOARD (Foil side)

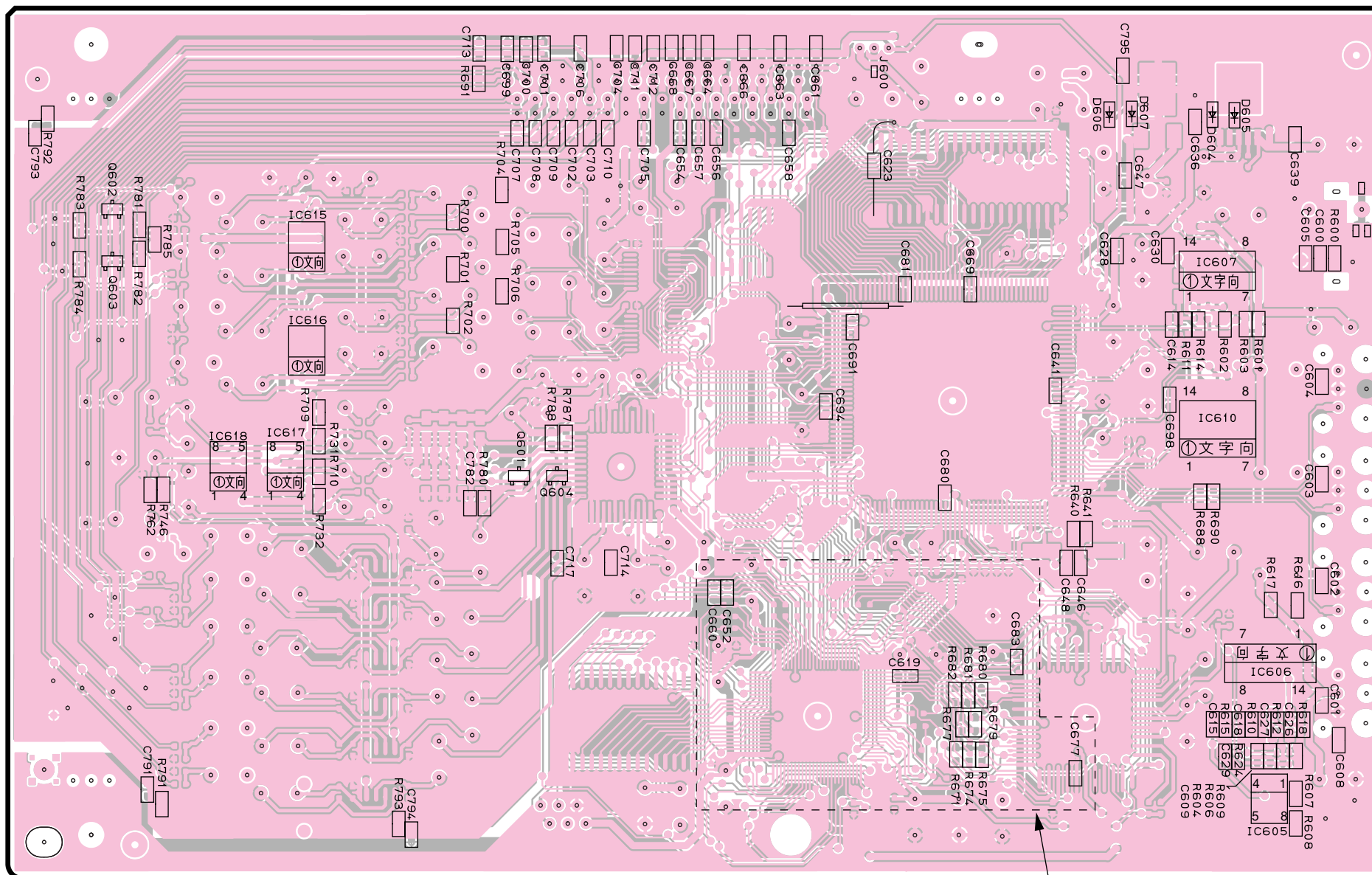
DSP P. C. B. (Surface Mount Device)

• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D604     | F2       |
| D605     | F2       |
| D606     | F2       |
| D607     | F2       |
| IC605    | G5       |
| IC606    | G5       |
| IC607    | F3       |
| IC610    | F4       |
| IC615    | B3       |
| IC616    | B3       |
| IC617    | B4       |
| IC618    | B4       |
| Q601     | C4       |
| Q602     | A3       |
| Q603     | A3       |
| Q604     | C4       |

| Circuit No. | J | U, C, R, T, K, A, B, G |
|-------------|---|------------------------|
| IC612       | X | O                      |
| J601        | X | O                      |
| R668        | X | O                      |

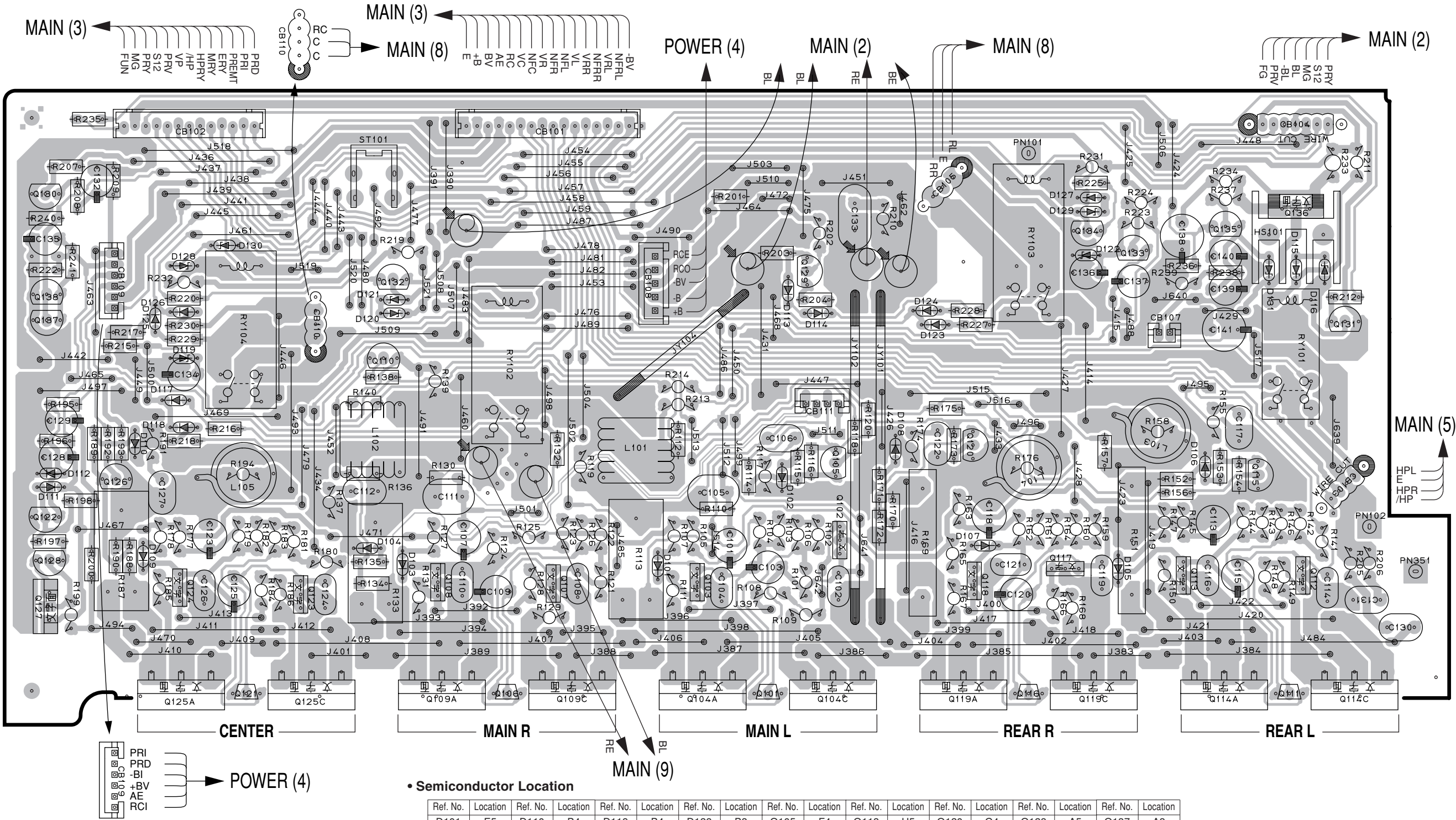
X: NOT USED  
O: USED / APPLICABLE



⋯ : J model only

PRINTED CIRCUIT BOARD (Foil side)

MAIN (1) P. C. B. (Lead Type Device)



Semiconductor Location

|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location |
| D101     | E5       | D110     | B4       | D119     | B4       | D128     | B3       | Q105     | F4       | Q113     | H5       | Q120     | G4       | Q128     | A5       |
| D102     | F4       | D111     | A4       | D120     | C3       | D129     | G3       | Q106     | D6       | Q114A    | H6       | Q121     | B6       | Q129     | F3       |
| D103     | C5       | D112     | A4       | D121     | C3       | D130     | B3       | Q107     | D5       | Q114C    | I6       | Q122     | A5       | Q130     | A3       |
| D104     | C5       | D113     | F3       | D122     | G3       | D131     | H3       | Q108     | D5       | Q115     | H4       | Q123     | C5       | Q131     | I3       |
| D105     | H5       | D114     | F3       | D123     | F3       | Q101     | E6       | Q109A    | D6       | Q116     | G6       | Q124     | B5       | Q132     | C3       |
| D106     | H4       | D115     | I3       | D124     | F3       | Q102     | F5       | Q109C    | D6       | Q117     | G5       | Q125A    | B6       | Q133     | H3       |
| D107     | G5       | D116     | I3       | D125     | B3       | Q103     | E5       | Q110     | C4       | Q118     | G5       | Q125C    | C6       | Q134     | G3       |
| D108     | F4       | D117     | B4       | D126     | B3       | Q104A    | E6       | Q111     | I6       | Q119A    | G6       | Q126     | B4       | Q135     | H3       |
| D109     | B5       | D118     | B4       | D127     | G3       | Q104C    | F6       | Q112     | I5       | Q119C    | G6       | Q127     | A5       | Q136     | I3       |

|             |   |      |            |         |
|-------------|---|------|------------|---------|
| Circuit No. | J | U, C | R, T, K, A | B, G, L |
| C138-141    | X | X    | O          | O       |
| CB107       | X | X    | O          | O       |
| D131        | X | X    | O          | O       |
| HS101       | X | X    | O          | O       |
| Q135, 136   | X | X    | O          | O       |
| R233-239    | X | X    | O          | O       |

X: NOT USED  
O: USED / APPLICABLE

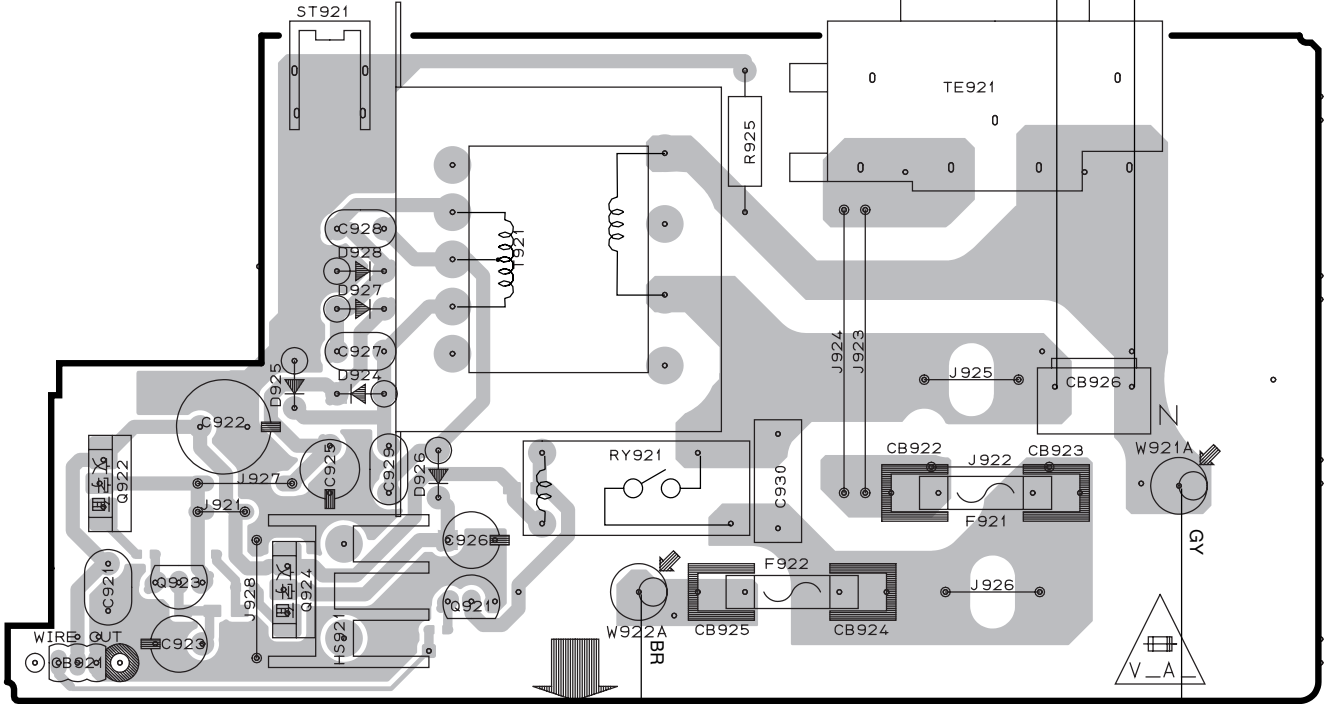
X: NOT USED  
O: USED / APPLICABLE

| Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| D251     | F3       | D382     | B3       | IC406    | F7       | Q259     | G3       | Q268     | I3       |
| D252     | F3       | D383     | B3       | Q251     | F4       | Q260     | G4       |          |          |
| D253     | F4       | D384     | B3       | Q252     | F3       | Q261     | G4       |          |          |
| D253     | F4       | D385     | B3       | Q253     | F3       | Q262     | H3       |          |          |
| D254     | F3       | IC401    | E7       | Q254     | F4       | Q263     | H4       |          |          |
| D255     | F3       | IC402    | E7       | Q255     | F3       | Q264     | H4       |          |          |
| D256     | G3       | IC403    | D7       | Q256     | F2       | Q265     | H3       |          |          |
| D257     | H4       | IC404    | D7       | Q257     | G4       | Q266     | H4       |          |          |
| D381     | D4       | IC405    | C7       | Q258     | G3       | Q267     | H3       |          |          |

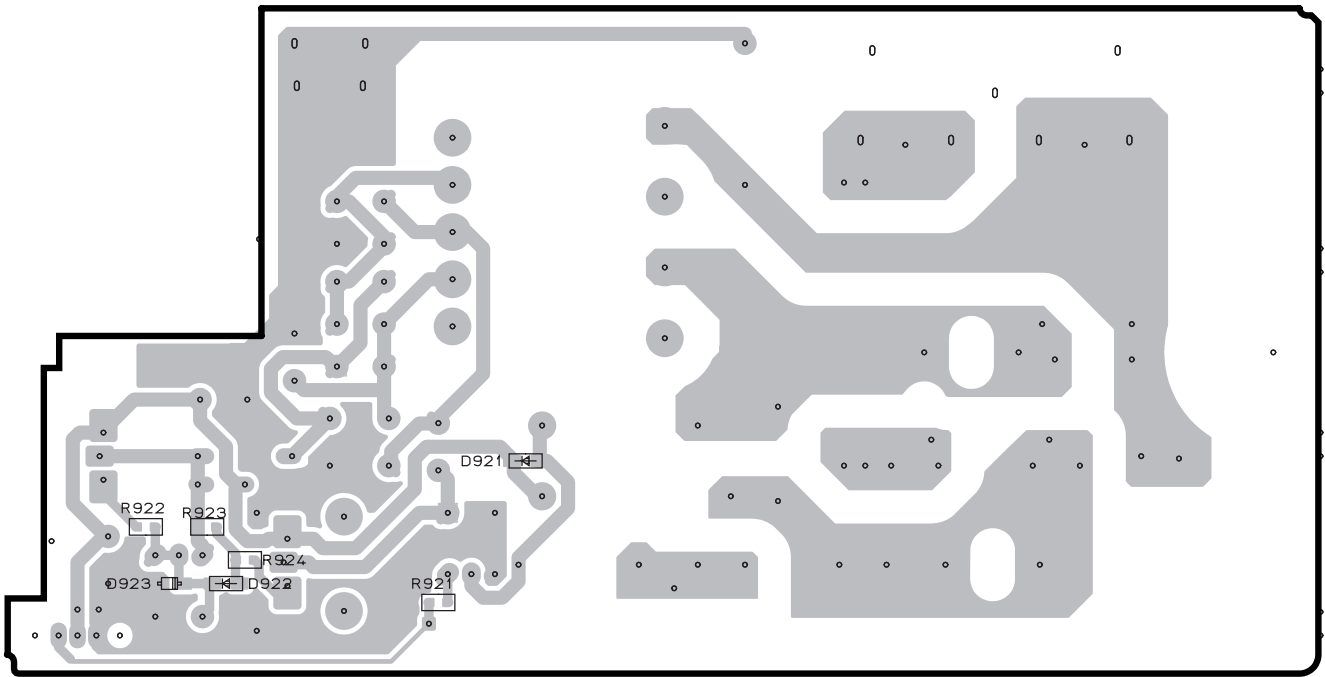


PRINTED CIRCUIT BOARD (Foil side)

POWER (1) P. C. B. (Lead Type Device)



POWER (1) P. C. B. (Surface Mount Device)



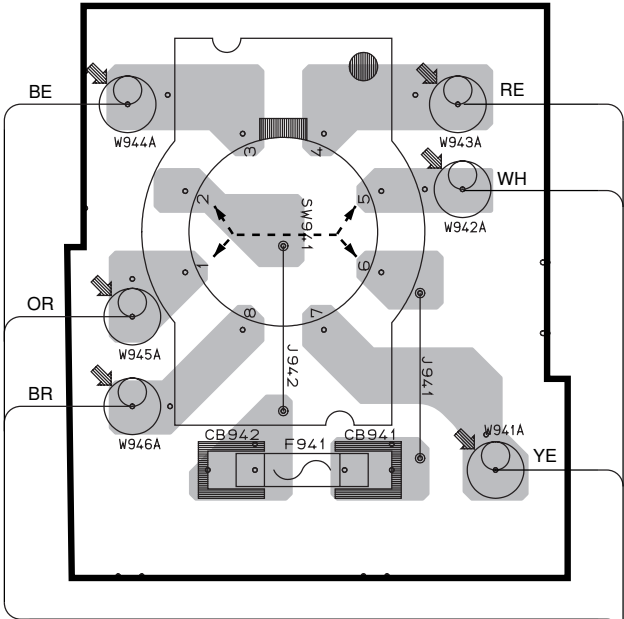
POWER (2) P. C. B.

(Lead Type Device)

R, T models

VOLTAGE SELECTOR

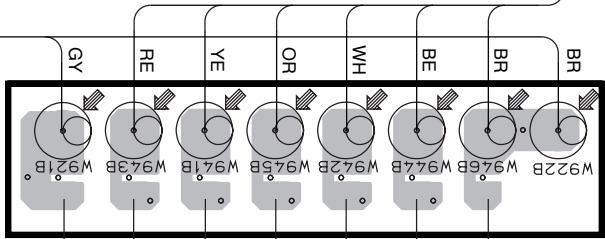
|      |         |
|------|---------|
| 240V | 1-2/5-6 |
| 220V | 2-3/6-7 |
| 110V | 3-4/7-8 |
| 120V | 4-5/8-1 |



POWER (3) P. C. B.

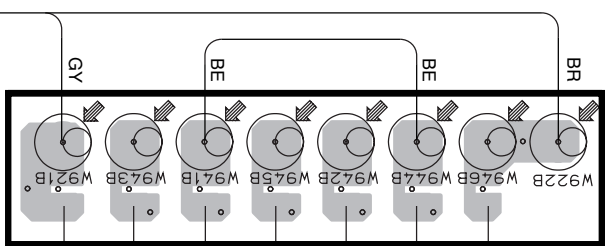
(Lead Type Device)

R, T models



Power Transformer

U, C, A, B, G, L, K, J models



Power Transformer

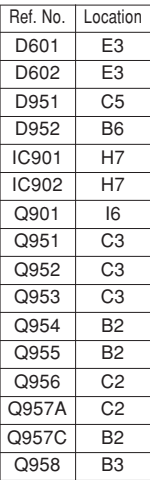
| Circuit No.         | J | U, C | R, T | K | A | B | G, L |
|---------------------|---|------|------|---|---|---|------|
| C923, 926, 928, 929 | X | X    | O    | X | X | X | X    |
| C927                | O | O    | X    | O | O | O | O    |
| CB922, 923          | X | X    | X    | X | X | X | O    |
| CB941, 942          | X | X    | O    | X | X | X | X    |
| D922, 923, 925, 926 | X | X    | O    | X | X | X | X    |
| F921                | X | X    | X    | X | X | X | O    |
| F941                | X | X    | O    | X | X | X | X    |
| HS921               | X | X    | O    | X | X | X | X    |
| R922-924            | X | X    | O    | X | X | X | X    |
| SW941               | X | X    | O    | X | X | X | X    |
| TE921               | O | O    | O    | X | O | O | O    |
| J921                | O | O    | O    | X | O | O | O    |
| J922                | O | O    | O    | X | O | O | X    |
| J923, 941, 942      | X | X    | O    | X | X | X | X    |
| Q922, 924           | X | X    | O    | X | X | X | X    |
| R925                | X | O    | X    | X | X | X | X    |
| W941-946            | X | X    | O    | X | X | X | X    |
| W947                | X | X    | X    | O | X | X | X    |

X: NOT USED  
O: USED / APPLICABLE

• Semiconductor Location

| Ref. No. | Location |
|----------|----------|
| D921     | C6       |
| D922     | B7       |
| D923     | B7       |
| D924     | B3       |
| D925     | B3       |
| D926     | C3       |
| D927     | B3       |
| D928     | B3       |
| Q921     | C4       |
| Q922     | B3       |
| Q923     | B4       |
| Q924     | B4       |

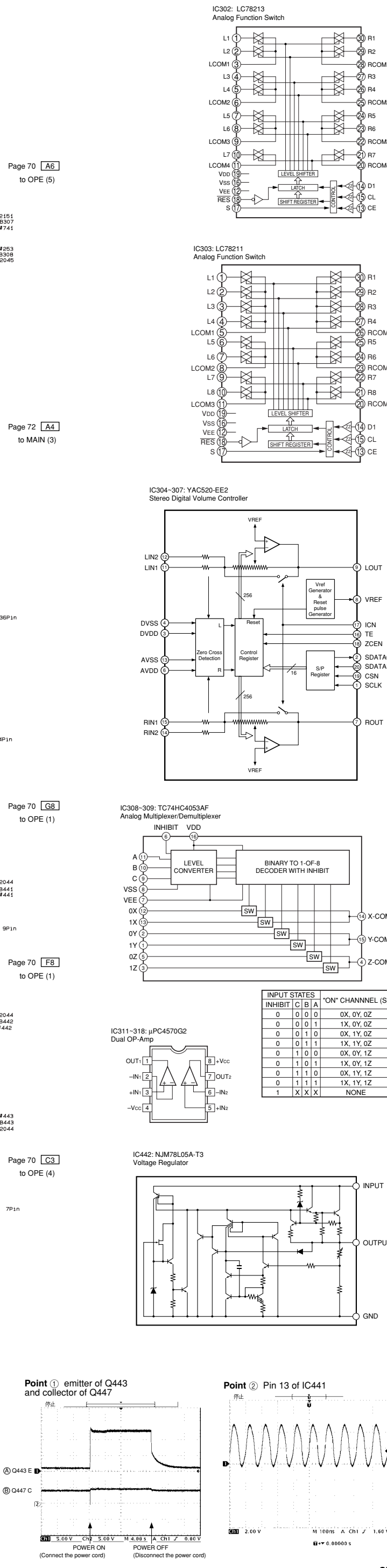
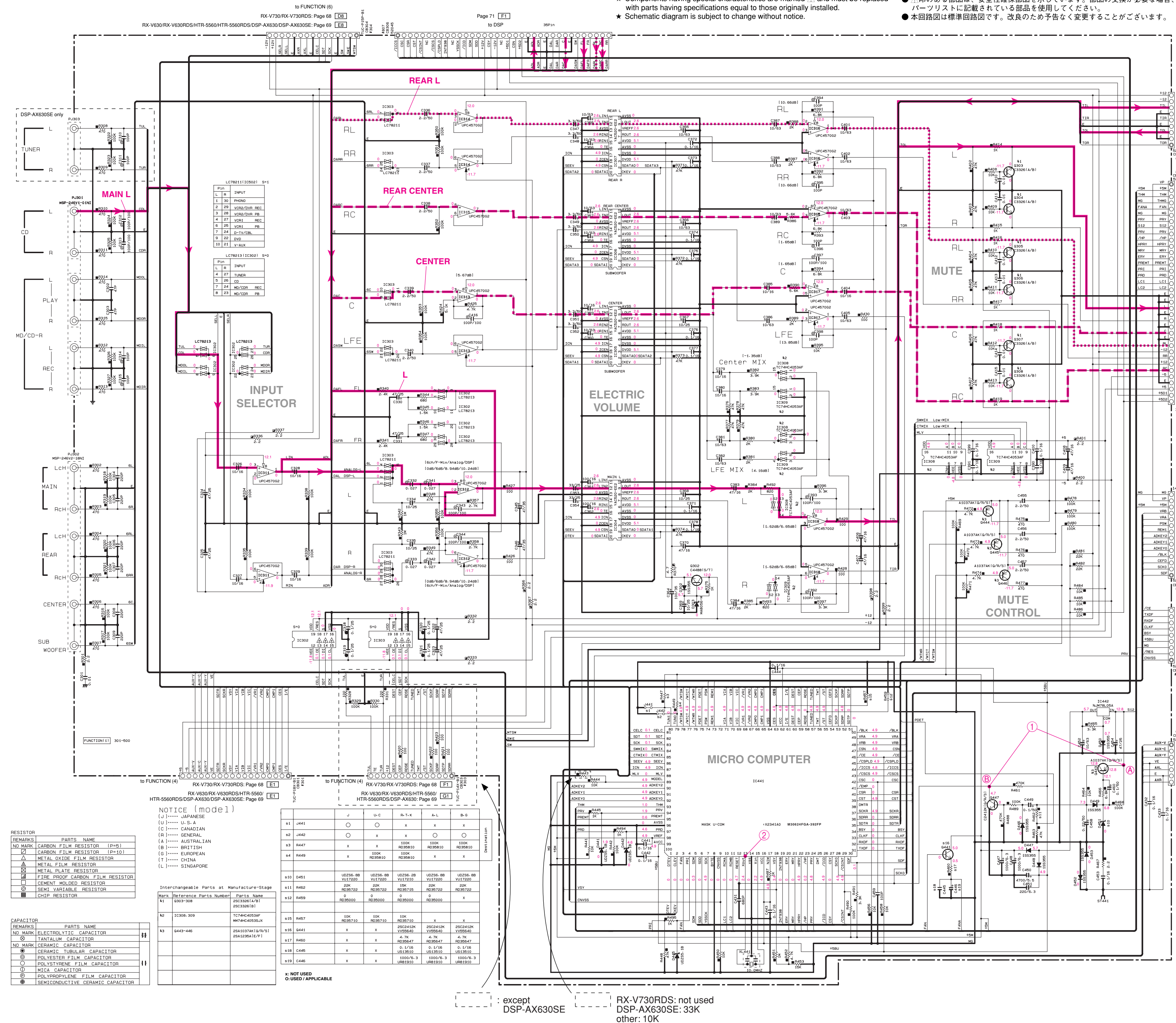
## 2



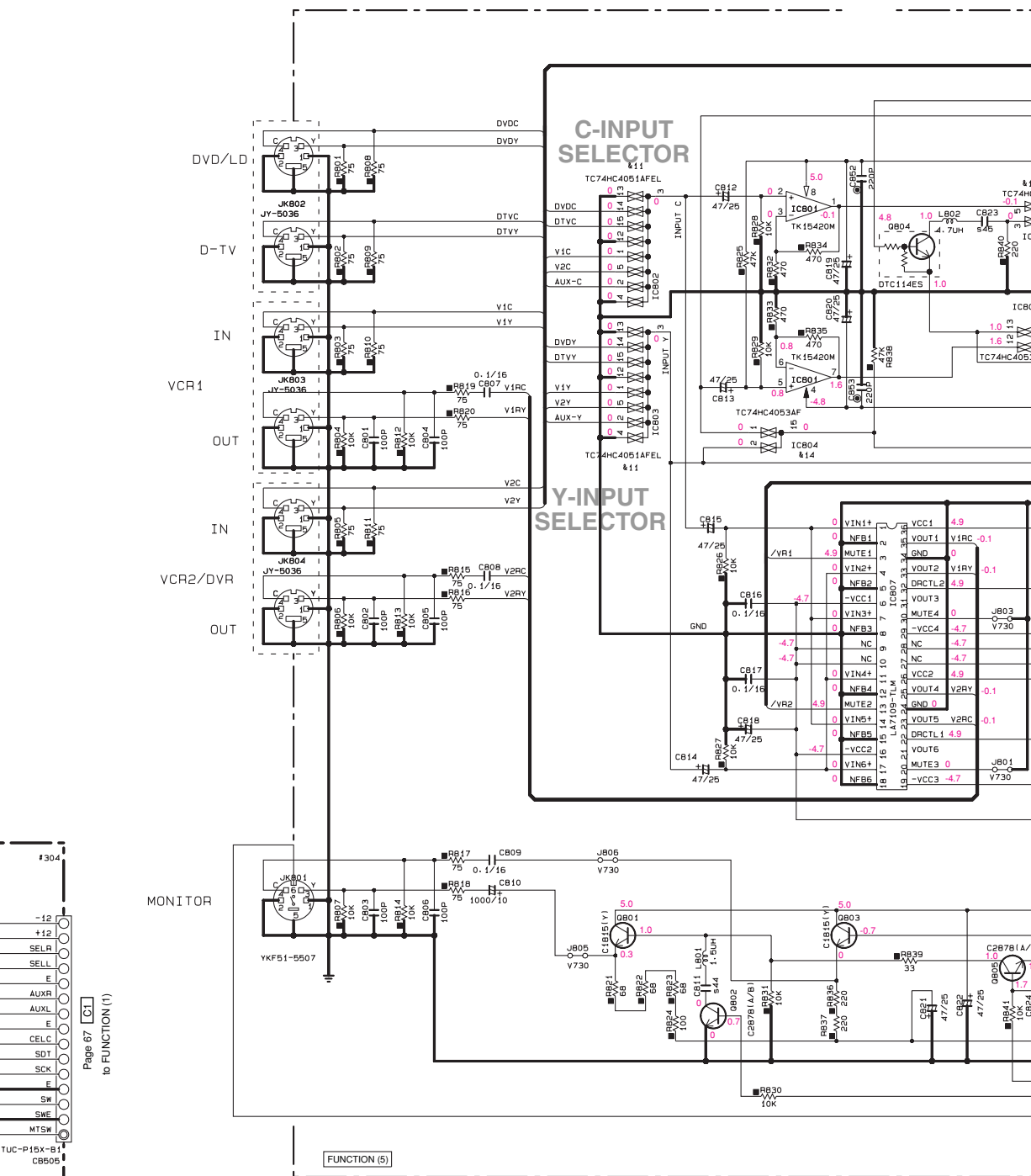
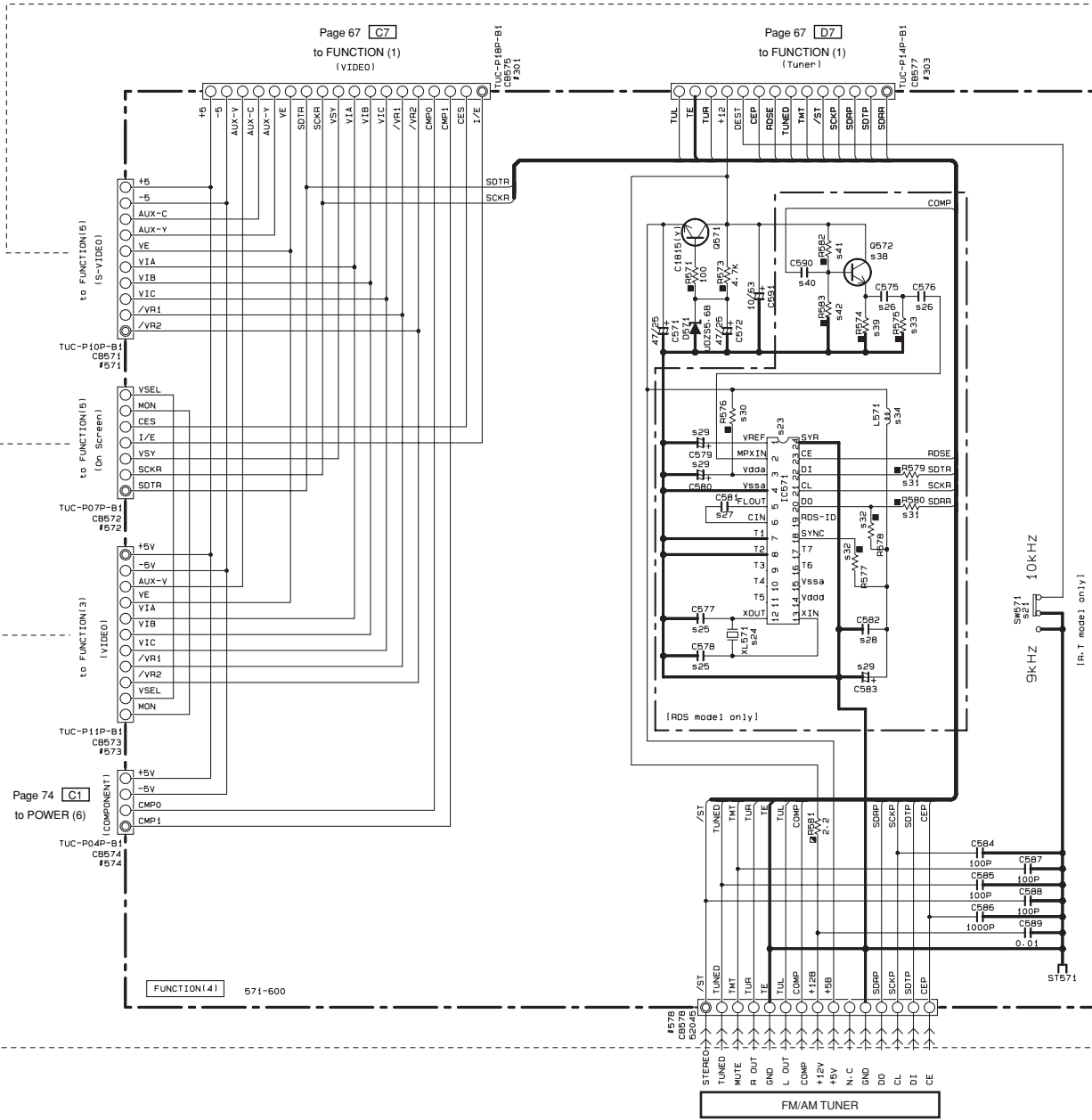
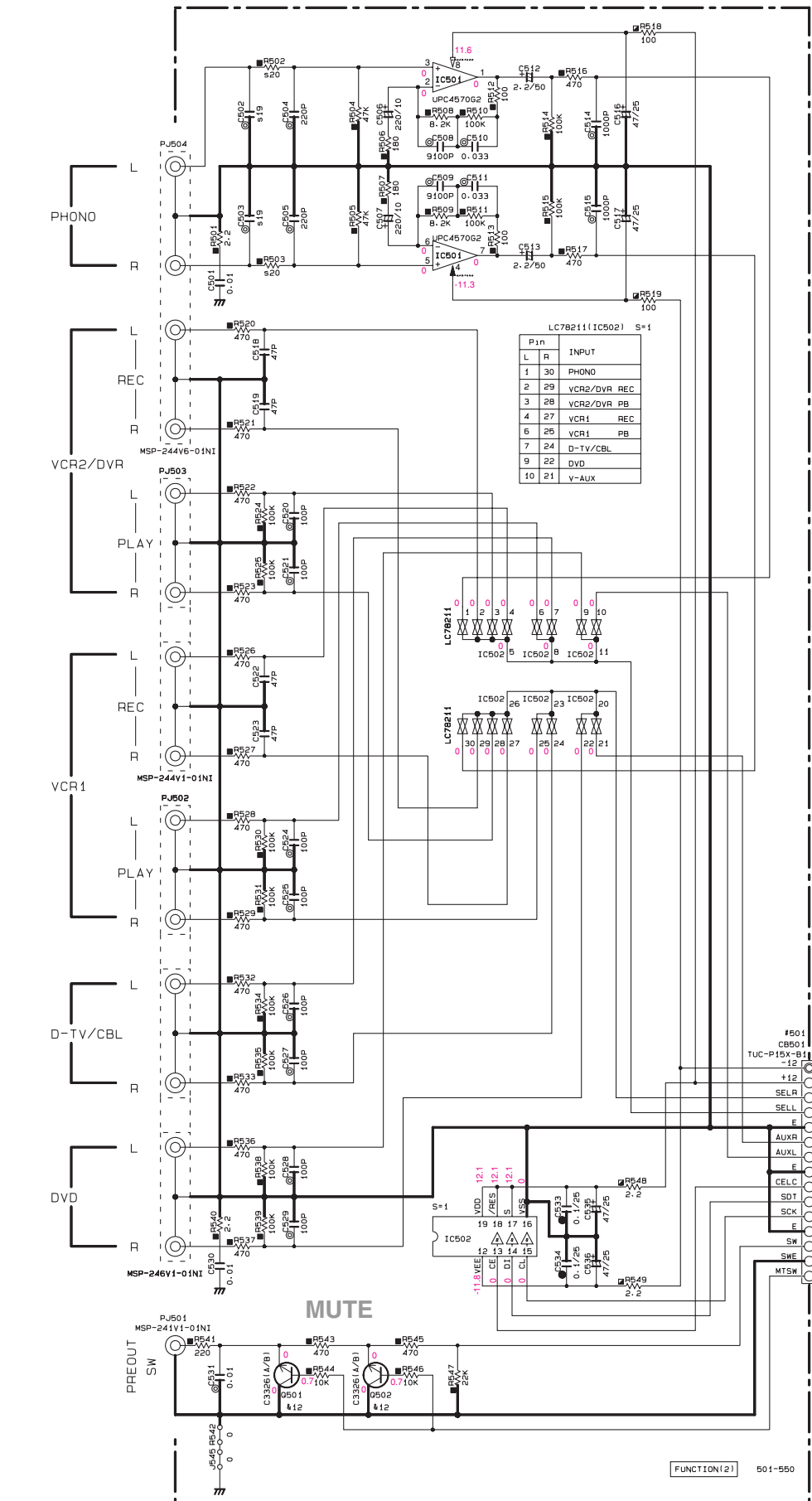
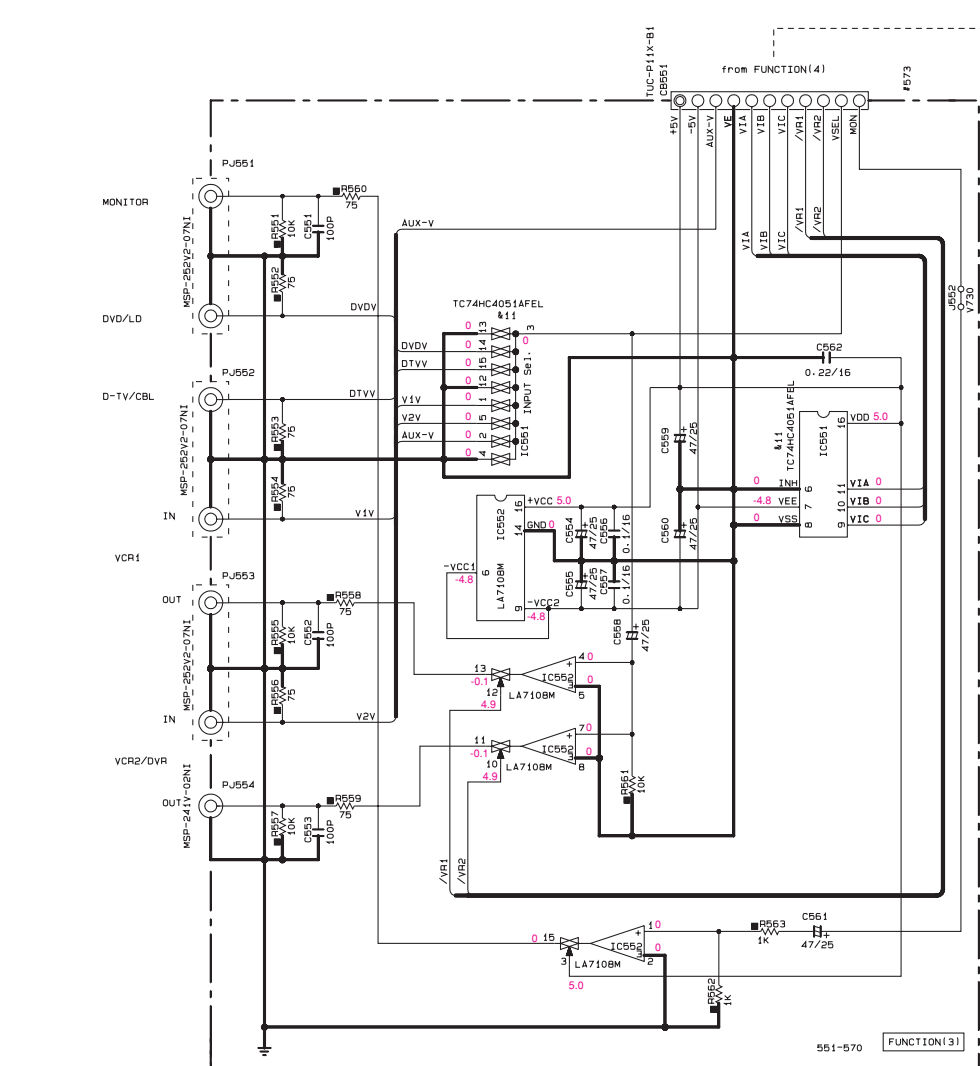
## ■ SCHEMATIC DIAGRAM (FUNCTION 1/2)

**RX-V730/RX-V730RDS/RX-V630/RX-V630RDS**  
**HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE**

- ★ All voltages are measured with a 10M $\Omega$ /V DC electric volt meter. ● 電圧は、内部抵抗10M $\Omega$ の電圧計で測定したものです。
- ★ Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed. ● △のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を请使用してください。
- ★ Schematic diagram is subject to change without notice. ● 本回路図は標準回路図です。改良のため予告なく変更することがございます。



■ SCHEMATIC DIAGRAM (FUNCTION 2/2) RX-V730/RX-V730RDS

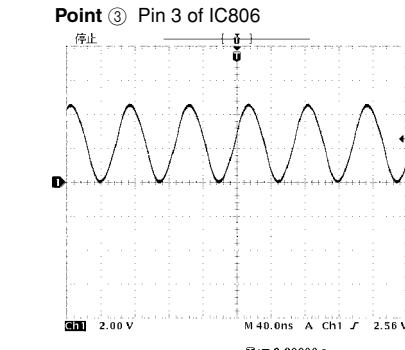


NOTICE (model)

(J)..... JAPANESE  
(U)..... U.S.A.  
(C)..... CANADIAN  
(A)..... AUSTRALIAN  
(B)..... BRITISH  
(T)..... CHINA  
(L)..... SINGAPORE

| REMARKS | PARTS NAME                      |
|---------|---------------------------------|
| NO MARK | CARBON FILM RESISTOR (P=5)      |
| □       | METAL OXIDE FILM RESISTOR       |
| △       | METAL FILM RESISTOR             |
| ◇       | METAL PLATE RESISTOR            |
| ■       | FINE PROOF CARBON FILM RESISTOR |
| ○       | CEMENT MOLDED RESISTOR          |
| ●       | SEMI VARIABLE RESISTOR          |
| ⊠       | CHIP RESISTOR                   |

| REMARKS | PARTS NAME                       |
|---------|----------------------------------|
| NO MARK | ELECTROLYTIC CAPACITOR           |
| ○       | TANTALUM CAPACITOR               |
| ●       | CERAMIC TUBULAR CAPACITOR        |
| ⊙       | POLYESTER FILM CAPACITOR         |
| ⊖       | POLYSTYRENE FILM CAPACITOR       |
| ①       | MICA CAPACITOR                   |
| ②       | POLYPROPYLENE FILM CAPACITOR     |
| ③       | SEMICONDUCTIVE CERAMIC CAPACITOR |

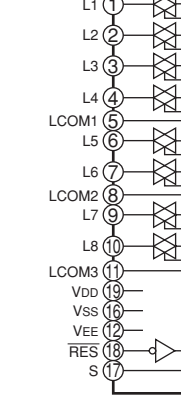


| S   | J-U-C-K      | R-T                                             | B-G        | A-L                       |
|-----|--------------|-------------------------------------------------|------------|---------------------------|
| 519 | C502-503     | X                                               | X          | 100P UH6510 100P UH6510   |
| 520 | R502-503     | 47 RD35447                                      | 47 RD35447 | 2-2K RD35622 2-2K RD35622 |
| 521 | SW571        | X                                               | X          | X                         |
| 522 | IC571        | X                                               | X          | LC72722                   |
| 523 | IC571        | X                                               | X          | LC72722                   |
| 524 | IC571        | X                                               | X          | LC72722                   |
| 525 | C577-578     | X                                               | X          | 270P VJ76110              |
| 526 | C575-576     | X                                               | X          | 330P U506233              |
| 527 | C581         | X                                               | X          | 660P U506256              |
| 528 | C582         | X                                               | X          | 0.1/16 U513610            |
| 529 | C579-580-583 | X                                               | X          | 47/25 U506447             |
| 530 | R576         | X                                               | X          | 100 RD35610               |
| 531 | R579-580     | X                                               | X          | 470 RD35647               |
| 532 | R577-578     | X                                               | X          | 10K RD35710               |
| 533 | R575         | X                                               | X          | 20K RD35722               |
| 534 | L571         | X                                               | X          | 220uH VU89950             |
| 538 | U572         | X                                               | X          | IC17402                   |
| 539 | R574         | X                                               | X          | 3.3K RD35633              |
| 540 | C590         | X                                               | X          | 100P U506210              |
| 541 | R582         | X                                               | X          | 100K RD35610              |
| 542 | R583         | X                                               | X          | 33K RD35733               |
| 543 | IC801        | 14.31618MHz 14.31618MHz 7.734475MHz 7.734475MHz |            |                           |
| 544 | CB11         | 100P 100P 800P 800P                             |            |                           |
| 545 | CB23         | 390P 390P 270P 270P                             |            |                           |

X: NOT USED  
OUSED/APPLICABLE

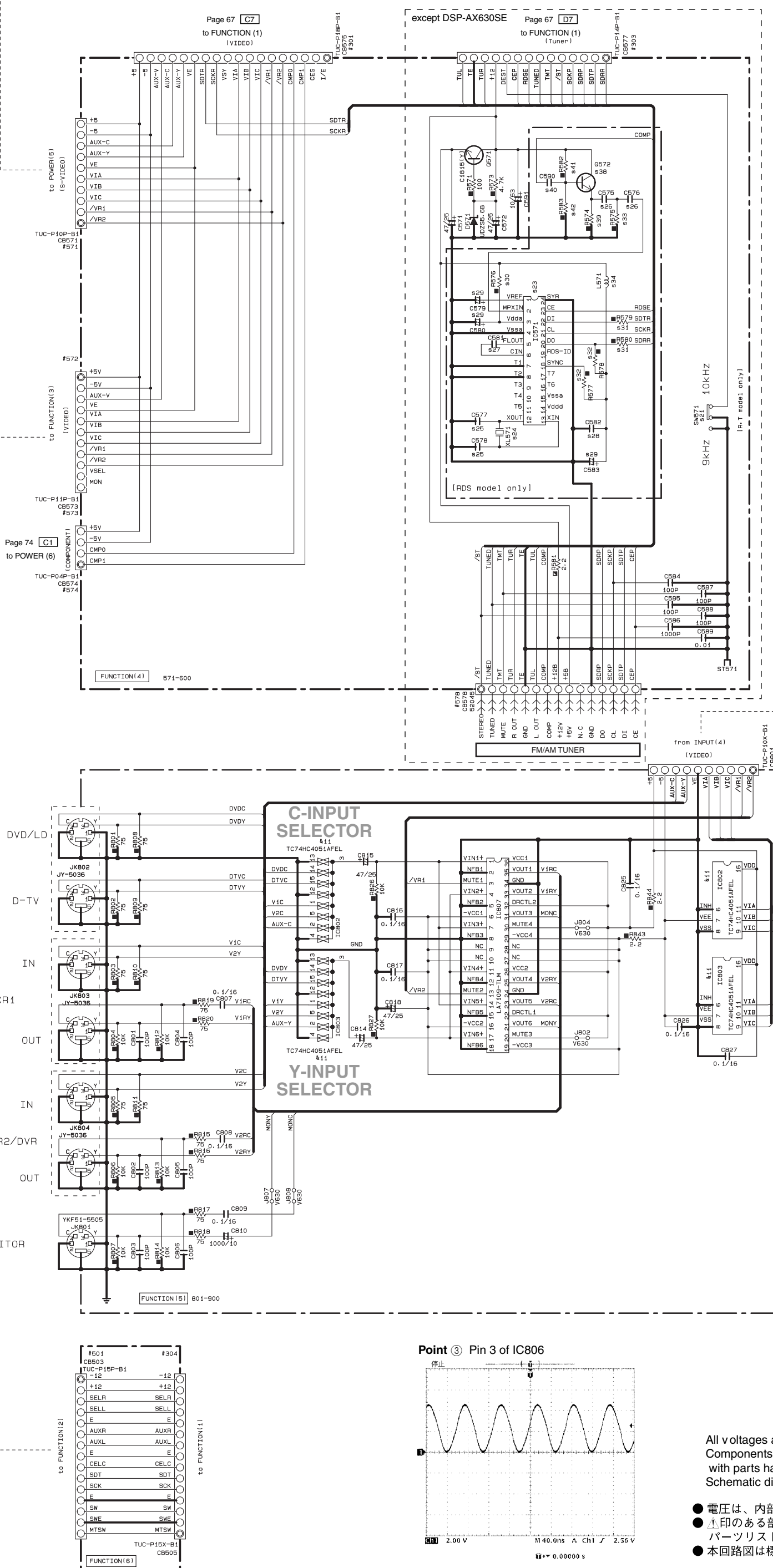
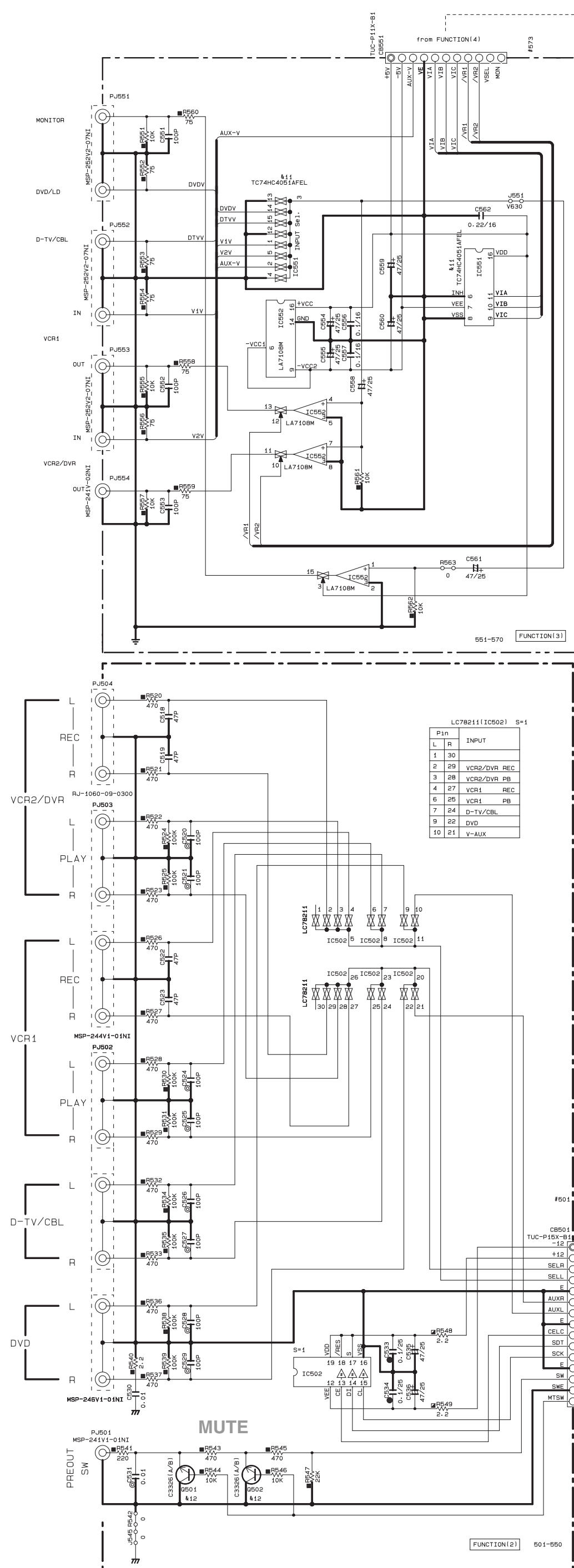
IC502: LC78211

Analog Function Switch



# ■ SCHEMATIC DIAGRAM (FUNCTION 2/2) RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE

RX-V730/RX-V730RDS/RX-V630/RX-V630RDS  
HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE



## NOTICE (model)

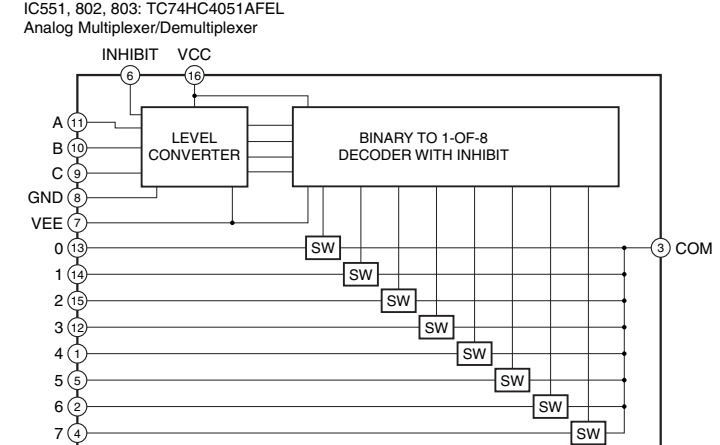
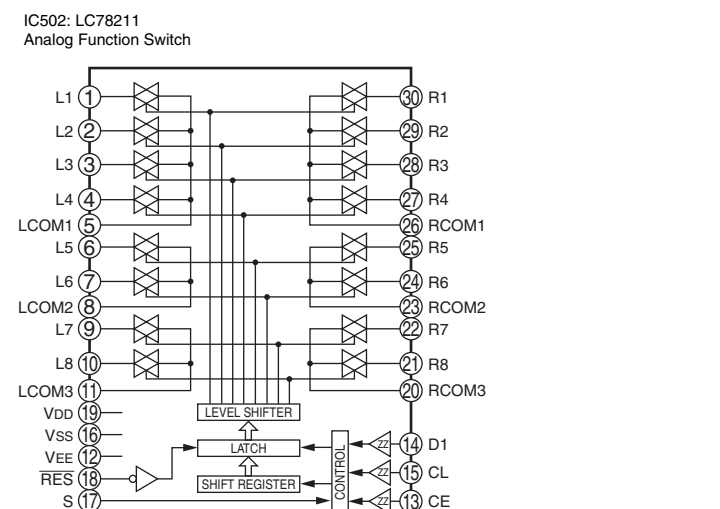
(J)..... JAPANESE  
(U)..... U.S.A  
(C)..... CANADIAN  
(R)..... GENERAL  
(A)..... AUSTRALIAN  
(B)..... BRITISH  
(G)..... EUROPEAN  
(T)..... CHINA  
(L)..... SINGAPORE

| REMARKS | PARTS NAME                      |
|---------|---------------------------------|
| NO MARK | CARBON FILM RESISTOR (P=5)      |
| □       | CARBON FILM RESISTOR (P=10)     |
| △       | METAL OXIDE FILM RESISTOR       |
| ■       | METAL FILM RESISTOR             |
| ◇       | METAL PLATE RESISTOR            |
| ▨       | FIRE PROOF CARBON FILM RESISTOR |
| ○       | CEMENT MOLDED RESISTOR          |
| ⊗       | SEMI VARIABLE RESISTOR          |
| ■       | CHIP RESISTOR                   |

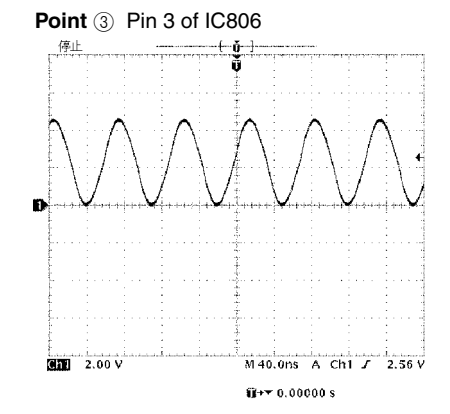
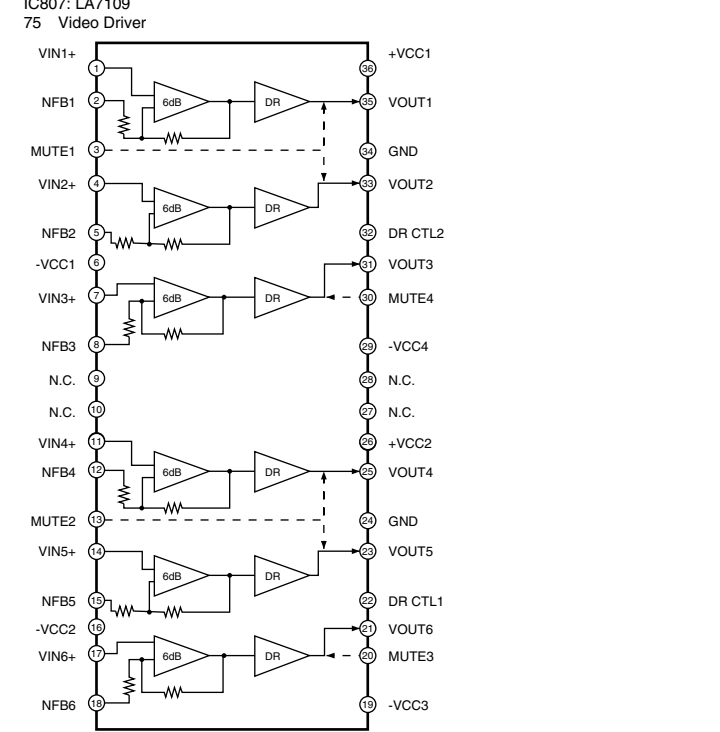
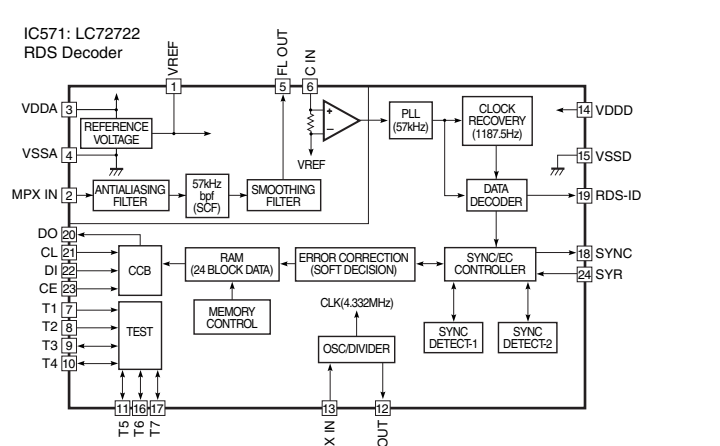
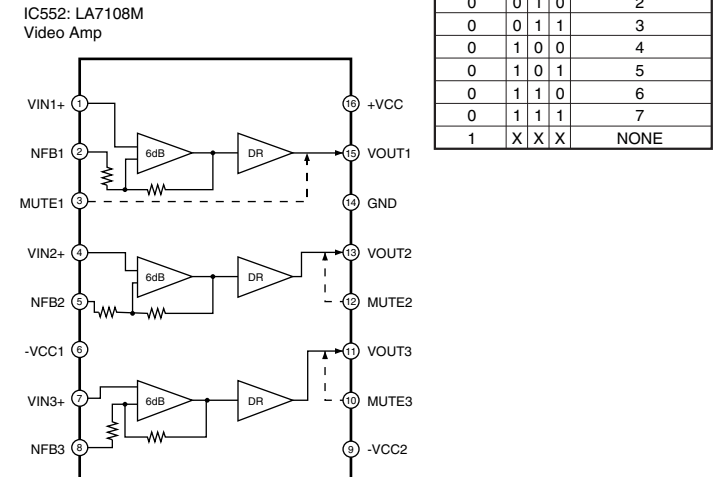
| REMARKS | PARTS NAME                       |
|---------|----------------------------------|
| NO MARK | ELECTROLYTIC CAPACITOR           |
| ⊗       | TANTALUM CAPACITOR               |
| NO MARK | CERAMIC CAPACITOR                |
| ⊙       | CERAMIC TUBULAR CAPACITOR        |
| ⊖       | POLYESTER FILM CAPACITOR         |
| ⊕       | POLYSTYRENE FILM CAPACITOR       |
| ⊖       | MICA CAPACITOR                   |
| ⊕       | POLYPROPYLENE FILM CAPACITOR     |
| ⊖       | SEMICONDUCTIVE CERAMIC CAPACITOR |

| Mark | Reference Parts Number | Part's Name                    |
|------|------------------------|--------------------------------|
| Ⓚ11  | IC551, 802, 803        | TC74HC4051AFEL<br>M74HC4051S.X |
| Ⓚ12  | 9501, 802              | 2SC33861A/B1<br>2SC33861B1     |

| B   | J-U-C-K      | R-T | B-G                | A-L                |
|-----|--------------|-----|--------------------|--------------------|
| Ⓚ21 | SW71         | X   | R029K.B<br>V362430 | X                  |
| Ⓚ22 |              |     |                    |                    |
| Ⓚ23 | 1C871        | X   | X                  | LC72722<br>XYS3440 |
| Ⓚ24 | XL571        | X   | X                  | 4.33MHz<br>V363090 |
| Ⓚ25 | C577-578     | X   | X                  | 27PCH<br>VA76110   |
| Ⓚ26 | C575-576     | X   | X                  | 330P<br>US06233    |
| Ⓚ27 | C581         | X   | X                  | 950P<br>US06256    |
| Ⓚ28 | C582         | X   | X                  | 0.1/16<br>US13910  |
| Ⓚ29 | C579-580-583 | X   | X                  | 47/25<br>UR84747   |
| Ⓚ30 | R576         | X   | X                  | 100<br>RD35610     |
| Ⓚ31 | R579-580     | X   | X                  | 470<br>RD35647     |
| Ⓚ32 | R577-578     | X   | X                  | 10K<br>RD35710     |
| Ⓚ33 | R575         | X   | X                  | 22K<br>RD35722     |
| Ⓚ34 | L571         | X   | X                  | 220uH<br>VUB6900   |
| Ⓚ38 | 9572         | X   | X                  | TC17402            |
| Ⓚ39 | R574         | X   | X                  | 3.3K<br>RD35633    |
| Ⓚ40 | C590         | X   | X                  | 100K<br>US06210    |
| Ⓚ41 | R582         | X   | X                  | 100K<br>RD35610    |
| Ⓚ42 | R583         | X   | X                  | 33K<br>RD35733     |



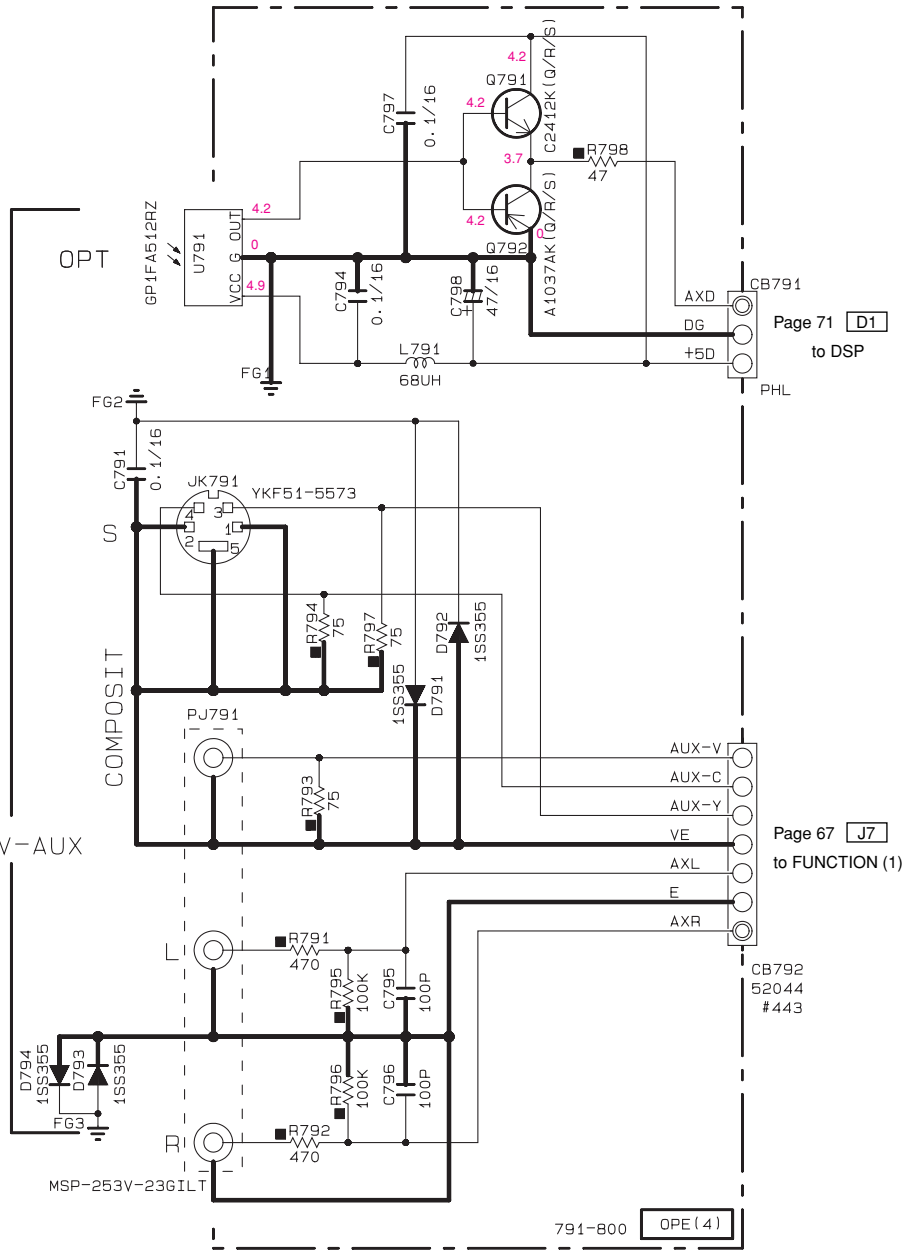
| INPUT STATES | INHIBIT | C | B | A | 'ON' CHANNEL |
|--------------|---------|---|---|---|--------------|
| 0            | 0       | 0 | 0 | 0 | 0            |
| 0            | 0       | 0 | 1 | 1 | 1            |
| 0            | 0       | 1 | 0 | 1 | 2            |
| 0            | 0       | 1 | 1 | 1 | 3            |
| 0            | 1       | 0 | 0 | 1 | 4            |
| 0            | 1       | 0 | 1 | 1 | 5            |
| 0            | 1       | 1 | 0 | 1 | 6            |
| 0            | 1       | 1 | 1 | 1 | 7            |
| 1            | X       | X | X | X | NONE         |



All voltages are measured with a 10M  $\Omega$  DC electric volt meter.  
Components having special characteristics are marked  $\Delta$  and must be replaced with parts having specifications equal to those originally installed.  
Schematic diagram is subject to change without notice.

● 電圧は、内部抵抗10M $\Omega$ の電圧計で測定したものです。  
●  $\Delta$ 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。  
● 本回路図は標準回路図です。改良のため予告なく変更することがございます。

■ SCHEMATIC DIAGRAM (OPERATION)



| REMARKS | PARTS NAME                      |
|---------|---------------------------------|
| NO MARK | CARBON FILM RESISTOR (P=5)      |
| □       | CARBON FILM RESISTOR (P=10)     |
| △       | METAL OXIDE FILM RESISTOR       |
| ▲       | METAL FILM RESISTOR             |
| ⊠       | METAL PLATE RESISTOR            |
| ▤       | FIRE PROOF CARBON FILM RESISTOR |
| ■       | CEMENT MOLDED RESISTOR          |
| ⊕       | SEMI VARIABLE RESISTOR          |
| ■       | CHIP RESISTOR                   |

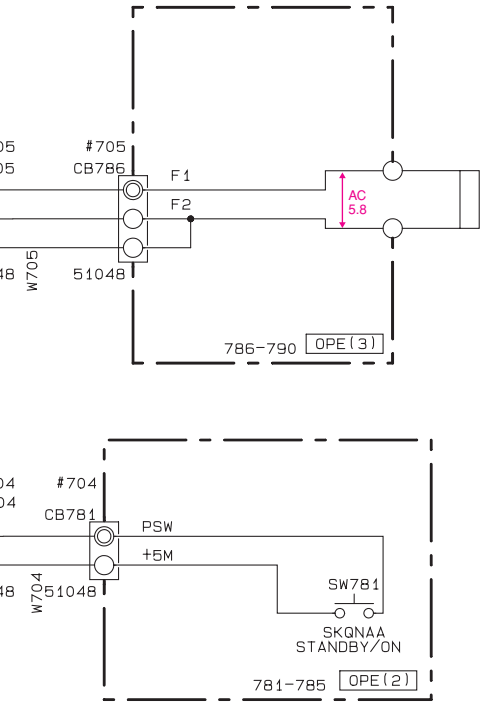
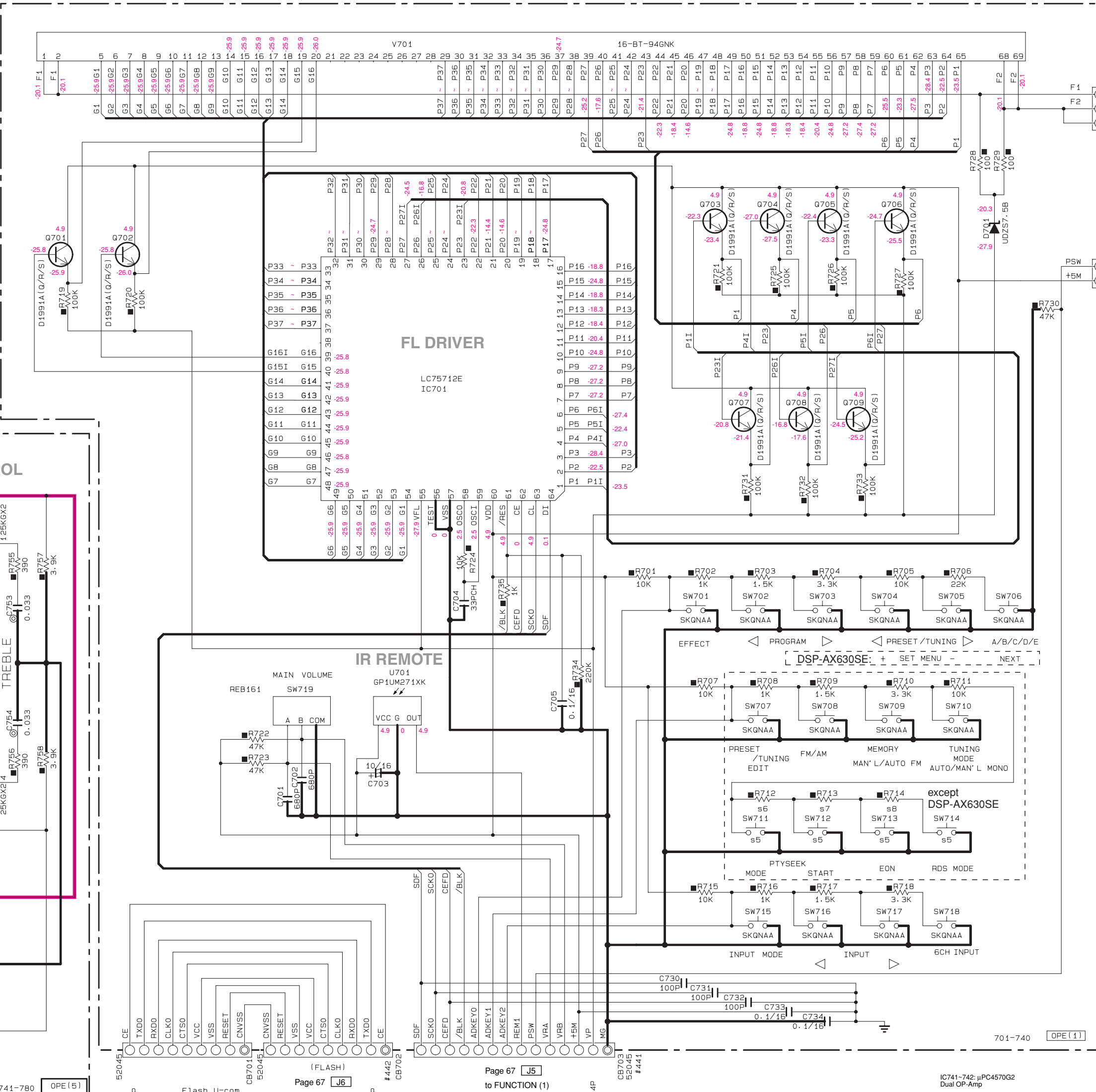
| REMARKS | PARTS NAME                           |
|---------|--------------------------------------|
| NO MARK | ELECTROLYTIC CAPACITOR               |
| ⊗       | TANTALUM CAPACITOR                   |
| NO MARK | CERAMIC CAPACITOR                    |
| ●       | CERAMIC TUBULAR CAPACITOR            |
| ◎       | POLYESTER FILM CAPACITOR             |
| ○       | POLYSTYRENE FILM CAPACITOR           |
| ⊕       | MICA CAPACITOR                       |
| ⊖       | POLYPROPYLENE FILM CAPACITOR         |
| ⊕       | SEMICONDUCTIVE CERAMIC CAPACITOR     |
| ⊖       | POLYPHENYLENE SULFIDE FILM CAPACITOR |

NOTICE (model)

(J)..... JAPANESE  
(U)..... U.S.A  
(C)..... CANADIAN  
(R)..... GENERAL  
(A)..... AUSTRALIAN  
(B)..... BRITISH  
(G)..... EUROPEAN  
(T)..... CHINA  
(L)..... SINGAPORE

- ★ All voltages are measured with a 10MQ/V DC electric volt meter.
- ★ Components having special characteristics are marked ! and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- !印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
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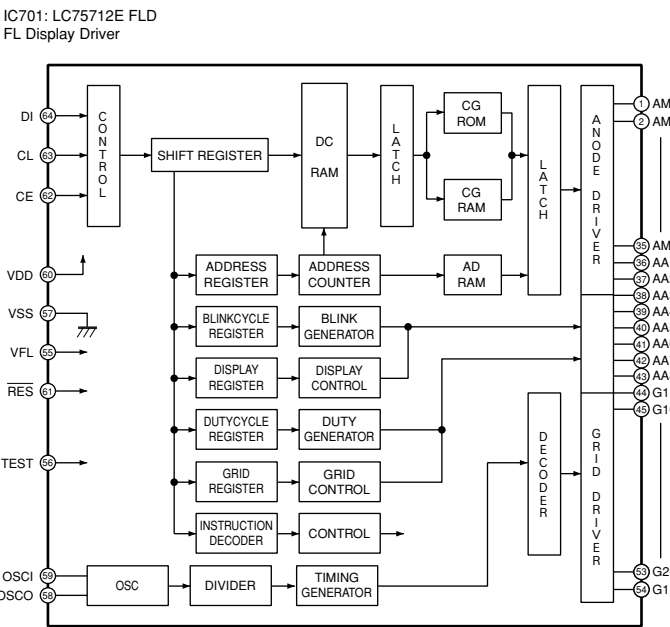


|    | J-U-C-R-T<br>K-A-L | B-G |
|----|--------------------|-----|
| s5 | SW711-714          | ×   |
| s6 | R712               | ×   |
| s7 | R713               | ×   |
| s8 | R714               | ×   |
| s9 |                    |     |

X: NOT USED  
O: USED / APPLICABLE

Interchangeable Parts at Manufacture-Stage

| Mark | Reference Parts Number | Parts Name |
|------|------------------------|------------|
| 1    |                        |            |
| 2    |                        |            |
| 3    |                        |            |
| 4    |                        |            |

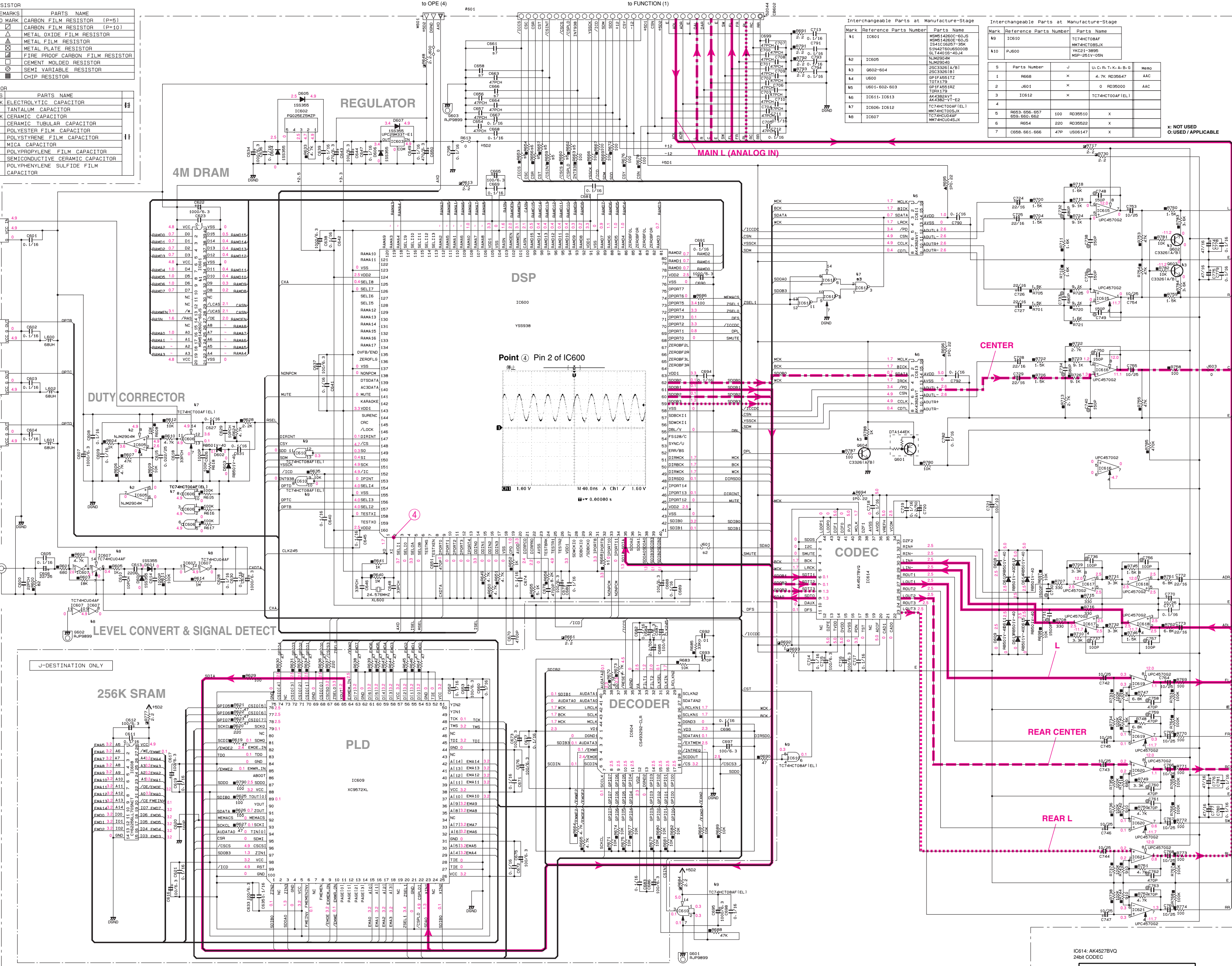


# SCHEMATIC DIAGRAM (DSP)

RX-V730/RX-V730RDS/RX-V630/RX-V630RDS  
HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE

| REMARKS | PARTS NAME                      |
|---------|---------------------------------|
| NO MARK | CARBON FILM RESISTOR (P=5)      |
| ⊠       | CARBON FILM RESISTOR (P=10)     |
| △       | METAL OXIDE FILM RESISTOR       |
| □       | METAL FILM RESISTOR             |
| ⊞       | METAL PLATE RESISTOR            |
| ⊞       | FIRE-PROOF CARBON FILM RESISTOR |
| ⊞       | CEMENT MOLDED RESISTOR          |
| ⊞       | SEMI-VARIABLE RESISTOR          |
| ⊞       | CHIP RESISTOR                   |

| REMARKS | PARTS NAME                           |
|---------|--------------------------------------|
| NO MARK | ELECTROLYTIC CAPACITOR               |
| ⊞       | TANTALUM CAPACITOR                   |
| ⊞       | CERAMIC TUBULAR CAPACITOR            |
| ⊞       | POLYSTYRENE FILM CAPACITOR           |
| ⊞       | MICA CAPACITOR                       |
| ⊞       | POLYPROPYLENE FILM CAPACITOR         |
| ⊞       | SEMICONDUCTIVE CERAMIC CAPACITOR     |
| ⊞       | POLYPHENYLENE SULFIDE FILM CAPACITOR |

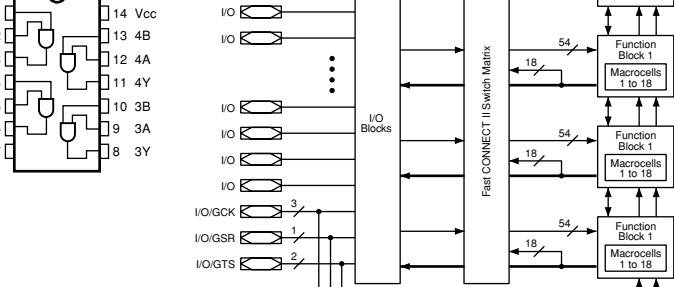
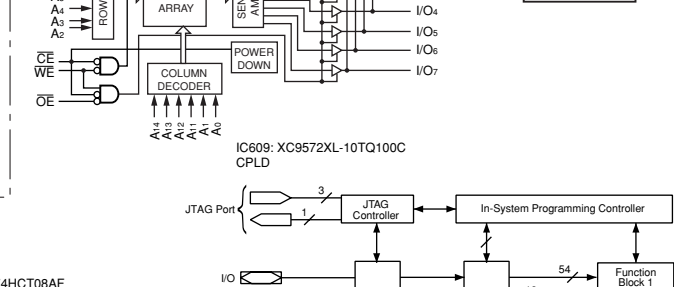
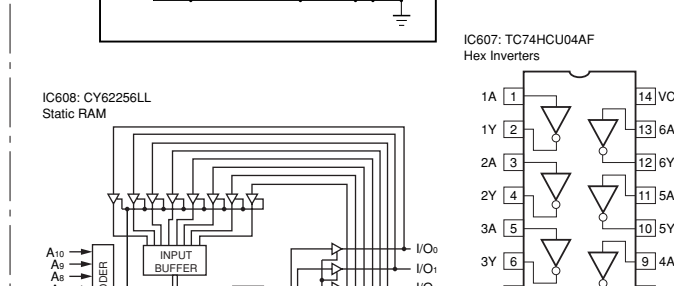
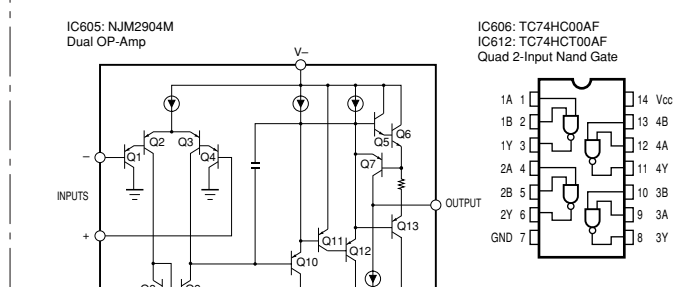
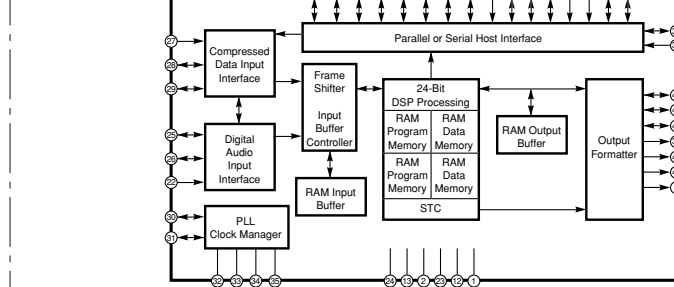
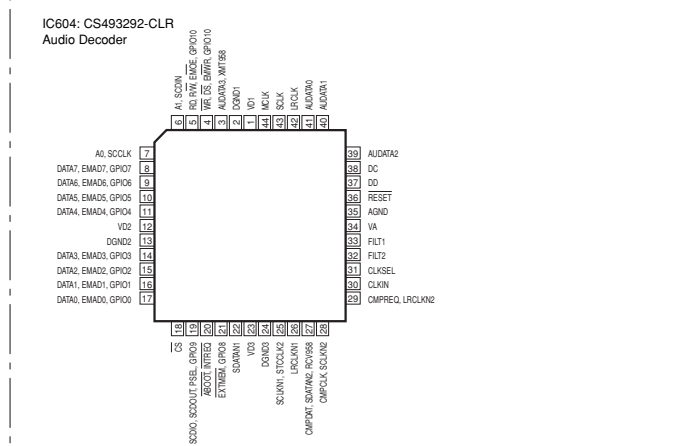
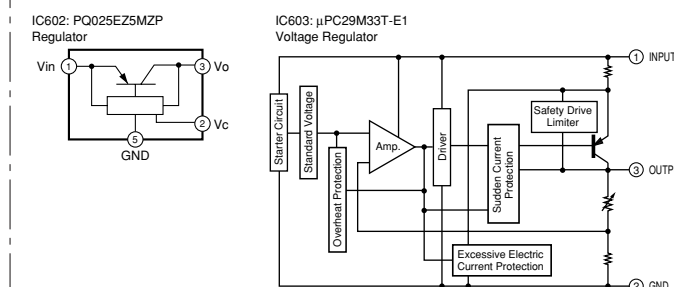
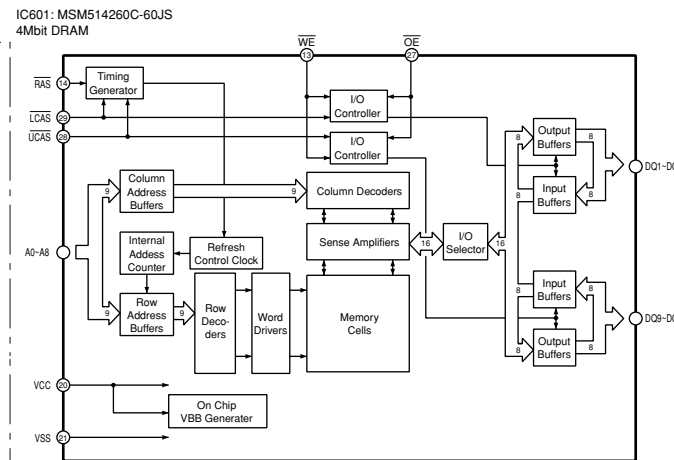


Interchangeable Parts at Manufacture-Stage

| Mark | Reference Parts Number | Parts Name       |
|------|------------------------|------------------|
| 41   | IC601                  | MSM14260C-60JS   |
| 42   | IC606                  | 25C3381-1/B      |
| 43   | 6602-604               | 25C3381-1/B      |
| 44   | U600                   | GP1FA551Z        |
| 45   | U601-602-603           | GP1FA551Z        |
| 46   | IC611-IC613            | TC74HCT04AF (EL) |
| 47   | IC606-IC612            | TC74HCT04AF (EL) |
| 48   | IC607                  | TC74HCT04AF (EL) |

Interchangeable Parts at Manufacture-Stage

| Mark | Reference Parts Number | Parts Name       |
|------|------------------------|------------------|
| 5    | Parts Number           | J                |
| 6    | IC608                  | U.C.R.T.K.A.B.G  |
| 7    | IC601                  | 4.7K R03647 AAC  |
| 8    | IC601                  | 0 R03600 AAC     |
| 9    | IC612                  | TC74HCT04AF (EL) |
| 10   | IC608                  | U.C.R.T.K.A.B.G  |
| 11   | IC608                  | U.C.R.T.K.A.B.G  |
| 12   | IC608                  | U.C.R.T.K.A.B.G  |
| 13   | IC608                  | U.C.R.T.K.A.B.G  |
| 14   | IC608                  | U.C.R.T.K.A.B.G  |
| 15   | IC608                  | U.C.R.T.K.A.B.G  |
| 16   | IC608                  | U.C.R.T.K.A.B.G  |
| 17   | IC608                  | U.C.R.T.K.A.B.G  |
| 18   | IC608                  | U.C.R.T.K.A.B.G  |
| 19   | IC608                  | U.C.R.T.K.A.B.G  |
| 20   | IC608                  | U.C.R.T.K.A.B.G  |
| 21   | IC608                  | U.C.R.T.K.A.B.G  |
| 22   | IC608                  | U.C.R.T.K.A.B.G  |
| 23   | IC608                  | U.C.R.T.K.A.B.G  |
| 24   | IC608                  | U.C.R.T.K.A.B.G  |
| 25   | IC608                  | U.C.R.T.K.A.B.G  |
| 26   | IC608                  | U.C.R.T.K.A.B.G  |
| 27   | IC608                  | U.C.R.T.K.A.B.G  |
| 28   | IC608                  | U.C.R.T.K.A.B.G  |
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| 35   | IC608                  | U.C.R.T.K.A.B.G  |
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| 45   | IC608                  | U.C.R.T.K.A.B.G  |
| 46   | IC608                  | U.C.R.T.K.A.B.G  |
| 47   | IC608                  | U.C.R.T.K.A.B.G  |
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| 66   | IC608                  | U.C.R.T.K.A.B.G  |
| 67   | IC608                  | U.C.R.T.K.A.B.G  |
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| 72   | IC608                  | U.C.R.T.K.A.B.G  |
| 73   | IC608                  | U.C.R.T.K.A.B.G  |
| 74   | IC608                  | U.C.R.T.K.A.B.G  |
| 75   | IC608                  | U.C.R.T.K.A.B.G  |
| 76   | IC608                  | U.C.R.T.K.A.B.G  |
| 77   | IC608                  | U.C.R.T.K.A.B.G  |
| 78   | IC608                  | U.C.R.T.K.A.B.G  |
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| 83   | IC608                  | U.C.R.T.K.A.B.G  |
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| 88   | IC608                  | U.C.R.T.K.A.B.G  |
| 89   | IC608                  | U.C.R.T.K.A.B.G  |
| 90   | IC608                  | U.C.R.T.K.A.B.G  |
| 91   | IC608                  | U.C.R.T.K.A.B.G  |
| 92   | IC608                  | U.C.R.T.K.A.B.G  |
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| 95   | IC608                  | U.C.R.T.K.A.B.G  |
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| 97   | IC608                  | U.C.R.T.K.A.B.G  |
| 98   | IC608                  | U.C.R.T.K.A.B.G  |
| 99   | IC608                  | U.C.R.T.K.A.B.G  |
| 100  | IC608                  | U.C.R.T.K.A.B.G  |

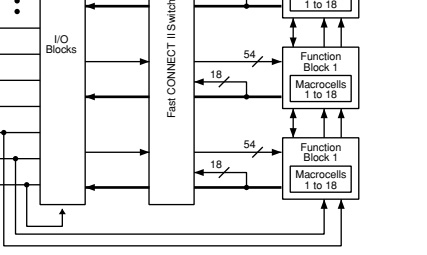
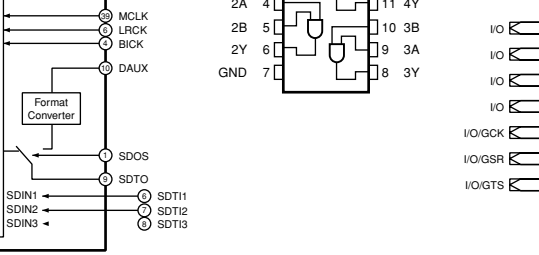
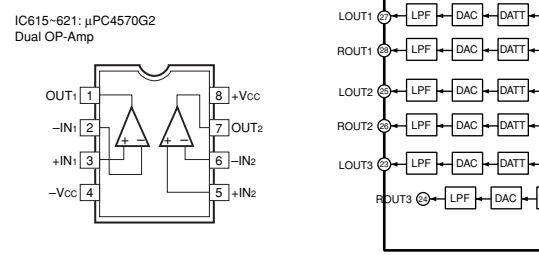
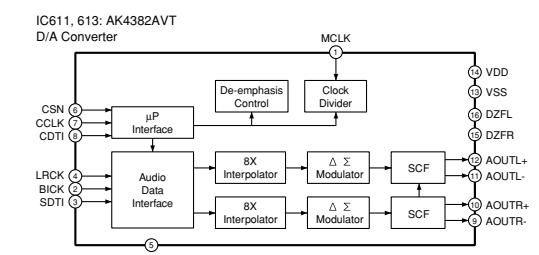


NOTICE (model)

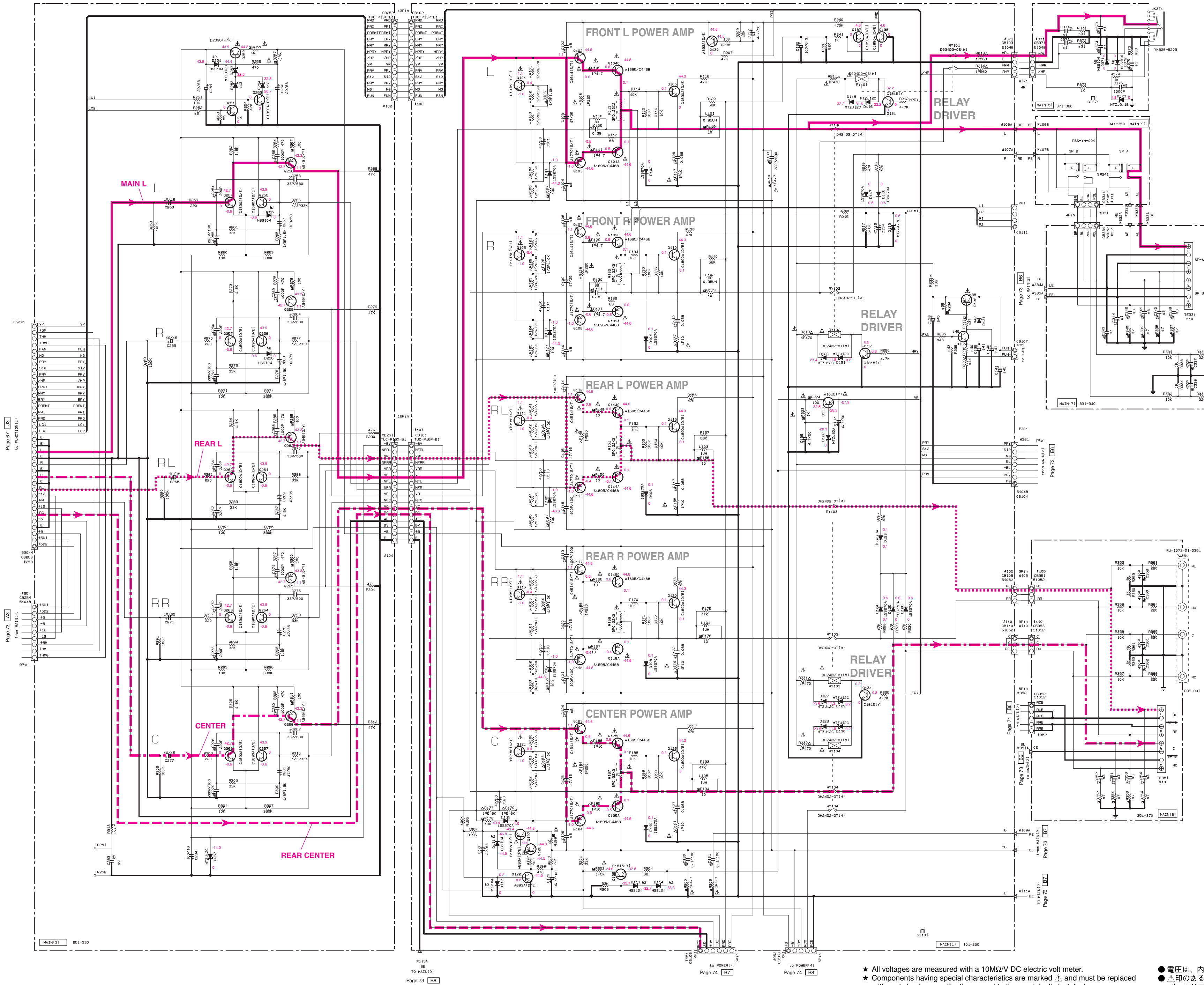
(J)..... JAPANESE  
(U)..... U.S.A.  
(C)..... CANADIAN  
(R)..... GENERAL  
(A)..... AUSTRALIAN  
(B)..... BRITISH  
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(T)..... CHINA  
(L)..... SINGAPORE

★ All voltages are measured with a 10MΩ/V DC electric volt meter.  
★ Components having special characteristics are marked and must be replaced with parts having specifications equal to those originally installed.  
★ Schematic diagram is subject to change without notice.

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■ SCHEMATIC DIAGRAM (MAIN 1/2)



NOTICE (model)

(J)..... JAPANESE  
(U)..... U.S.A.  
(C)..... CANADIAN  
(R)..... GENERAL  
(A)..... AUSTRALIAN  
(B)..... BRITISH  
(G)..... EUROPEAN  
(T)..... CHINA  
(L)..... SINGAPORE

| REMARKS | PARTS NAME                           |
|---------|--------------------------------------|
| NO MARK | ELECTROLYTIC CAPACITOR               |
| ⊗       | TANTALUM CAPACITOR                   |
| NO MARK | CERAMIC CAPACITOR                    |
| ⊙       | CERAMIC TUBULAR CAPACITOR            |
| ⊖       | POLYESTER FILM CAPACITOR             |
| ○       | POLYSTYRENE FILM CAPACITOR           |
| ①       | MICA CAPACITOR                       |
| ⊕       | POLYPROPYLENE FILM CAPACITOR         |
| ⊙       | SEMICONDUCTIVE CERAMIC CAPACITOR     |
| ⊖       | POLYPHENYLENE SULFIDE FILM CAPACITOR |

| REMARKS | PARTS NAME                      |
|---------|---------------------------------|
| NO MARK | CARBON FILM RESISTOR (P=5)      |
| ⊠       | CARBON FILM RESISTOR (P=10)     |
| △       | METAL OXIDE FILM RESISTOR       |
| ▲       | METAL FILM RESISTOR             |
| ⊞       | METAL PLATE RESISTOR            |
| ⊞       | FIRE PROOF CARBON FILM RESISTOR |
| ⊞       | CEMENT MOLDED RESISTOR          |
| ⊞       | SEMI VARIABLE RESISTOR          |
| ■       | CHIP RESISTOR                   |

Interchangeable Parts at Manufacture-Stage

| Mark | Reference Parts Number  | Parts Name |
|------|-------------------------|------------|
| A2   | D111-114, 201, 206, 206 | HSS104     |
|      | 371-372                 | 188133     |
|      |                         | 188178     |

| 8  | Circuit No.                    | J                          | U-C                        | R-T-K-A                         | B-G-L                           |
|----|--------------------------------|----------------------------|----------------------------|---------------------------------|---------------------------------|
| 1  | C343-344<br>371-374-376        | X                          | X                          | 0-01<br>[UA68410]               | 0-01<br>[UA68410]               |
| 3  | C339-342<br>391-394            | X                          | X                          | 0-022<br>[UA68422]<br>[UA68422] | 0-022<br>[UA68422]<br>[UA68422] |
| 4  | Q251                           | X                          | C1090410-1<br>[VP88310]    | C1090410-1<br>[VP88310]         | C1090410-1<br>[VP88310]         |
| 5  | R283                           | X                          | 47K<br>[HF48747]           | 47K<br>[HF48747]                | 47K<br>[HF48747]                |
| 6  | R282                           | X                          | 10K<br>[HF48710]           | 10K<br>[HF48710]                | 10K<br>[HF48710]                |
| 7  | R337-340<br>351-354            | X                          | X                          | 2-2<br>[HY75322]<br>[HY75322]   | 2-2<br>[HY75322]<br>[HY75322]   |
| 8  | C102-104, 108<br>110, 124, 126 | 100P/630<br>[V858400]      | 100P/100<br>[V832000]      | 100P/630<br>[V832000]           | 100P/630<br>[V858400]           |
| 9  |                                |                            |                            |                                 |                                 |
| 10 | TE331-351                      | L750810-1014<br>[V6771201] | L750810-1014<br>[V6771201] | L750810-1014<br>[V6771201]      | L750810-1014<br>[V6771201]      |
| 12 | D254                           | MTZJ15B<br>[V644030]       | MTZJ15B<br>[V644030]       | MTZJ15B<br>[V644030]            | MTZJ15B<br>[V644030]            |
| 13 | D253                           | X                          | MTZJ8-2B<br>[V643800]      | MTZJ8-2B<br>[V643800]           | MTZJ8-2B<br>[V643800]           |
| 14 | C283                           | 1000P/100<br>[UP65310]     | 1000P/100<br>[UP65310]     | 1000P/100<br>[UP65310]          | 1000P/100<br>[UP65310]          |
| 31 | R371-372                       | X                          | X                          | 4-7<br>[HF45347]                | 4-7<br>[HF45347]                |
| 33 | R370                           | X                          | X                          | 2-2<br>[HF45322]                | 2-2<br>[HF45322]                |
| 35 | LB107                          | X                          | X                          | PHI<br>[V839800]                | PHI<br>[V839800]                |
| 36 | R233                           | X                          | X                          | IP33<br>[V807060]               | IP33<br>[V807060]               |
| 37 | R237                           | X                          | X                          | 4-7K<br>[HY75647]               | 4-7K<br>[HY75647]               |
| 38 | G136                           | X                          | X                          | 88411P-G1<br>[V6441901]         | 88411P-G1<br>[V6441901]         |
| 39 | R234                           | X                          | X                          | 3-3K<br>[HY75633]               | 3-3K<br>[HY75633]               |
| 40 | R238                           | X                          | X                          | 100<br>[HF45510]                | 100<br>[HF45510]                |
| 41 | C139-140                       | X                          | X                          | 10/63<br>[UR87710]              | 10/63<br>[UR87710]              |
| 42 | D131                           | X                          | X                          | MTZJ24C<br>[V6442601]           | MTZJ24C<br>[V6442601]           |
| 43 | R235-236                       | X                          | X                          | 6-8K<br>[HF45668]               | 6-8K<br>[HF45668]               |
| 44 | R239                           | X                          | X                          | IP10<br>[V807030]               | IP10<br>[V807030]               |
| 45 | C138-141                       | X                          | X                          | 100/50<br>[UR86810]             | 100/50<br>[UR86810]             |
| 46 | G135                           | X                          | X                          | C18101Y1<br>[IC18101]           | C18101Y1<br>[IC18101]           |
| 47 |                                |                            |                            |                                 |                                 |

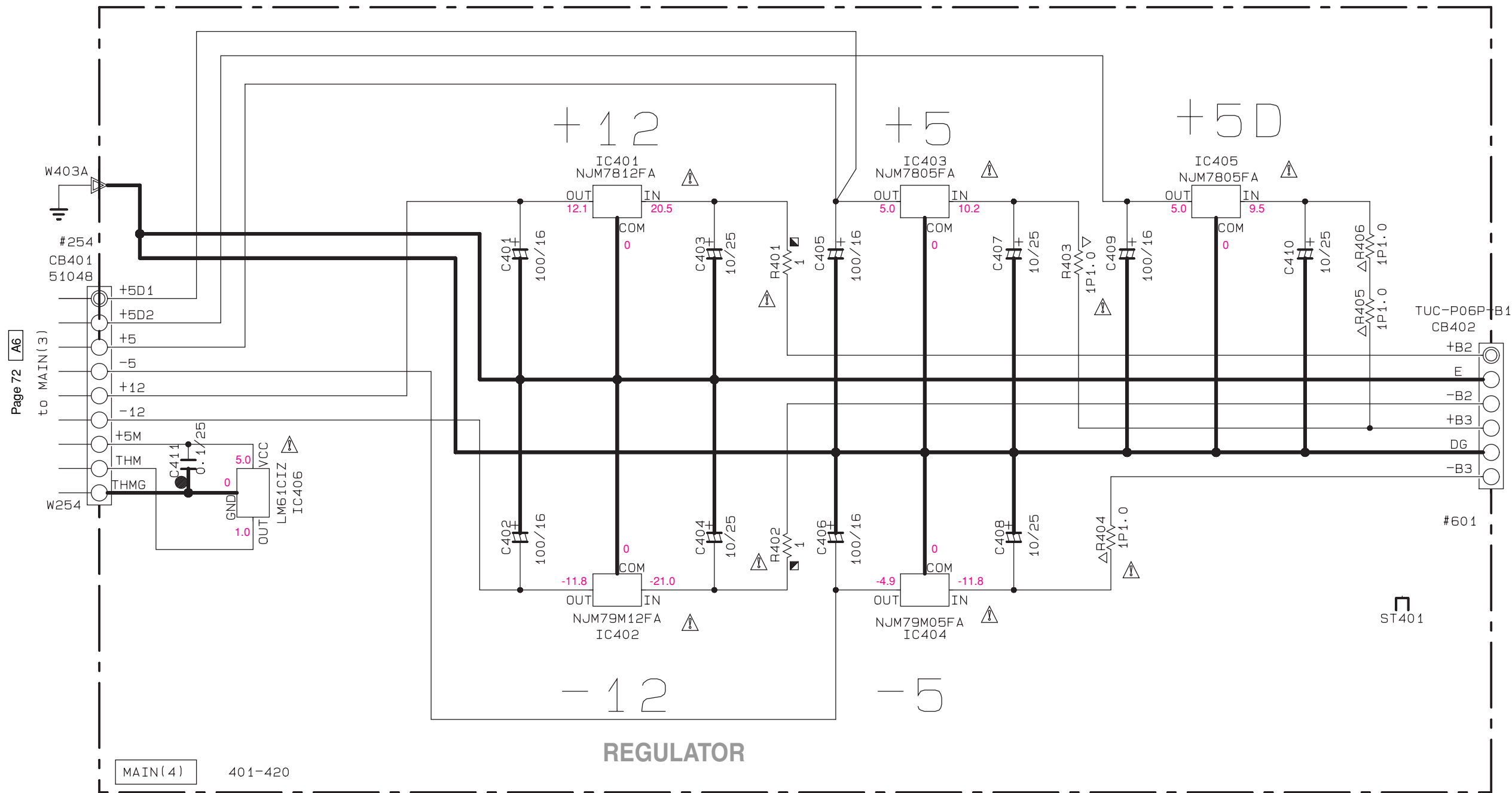
\* NOT USED  
O-USED / APPLICABLE

- ★ All voltages are measured with a 10MΩ/V DC electric volt meter.
- ★ Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。

SCHEMATIC DIAGRAM (MAIN 2/2)

RX-V730/RX-V730RDS/RX-V630/RX-V630RDS  
HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE



RESISTOR

| REMARKS | PARTS NAME                      |
|---------|---------------------------------|
| NO MARK | CARBON FILM RESISTOR (P=5)      |
| □       | CARBON FILM RESISTOR (P=10)     |
| △       | METAL OXIDE FILM RESISTOR       |
| ▲       | METAL FILM RESISTOR             |
| ⊠       | METAL PLATE RESISTOR            |
| ▨       | FIRE PROOF CARBON FILM RESISTOR |
| □       | CEMENT MOLDED RESISTOR          |
| ⊙       | SEMI VARIABLE RESISTOR          |
| ■       | CHIP RESISTOR                   |

CAPACITOR

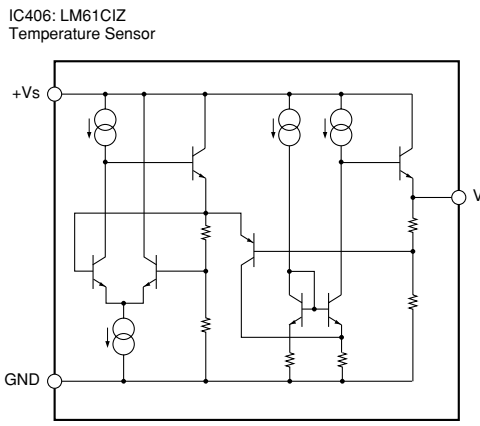
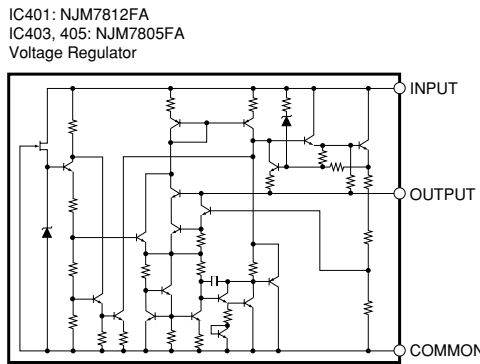
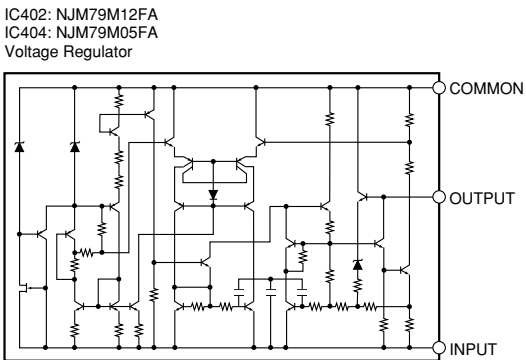
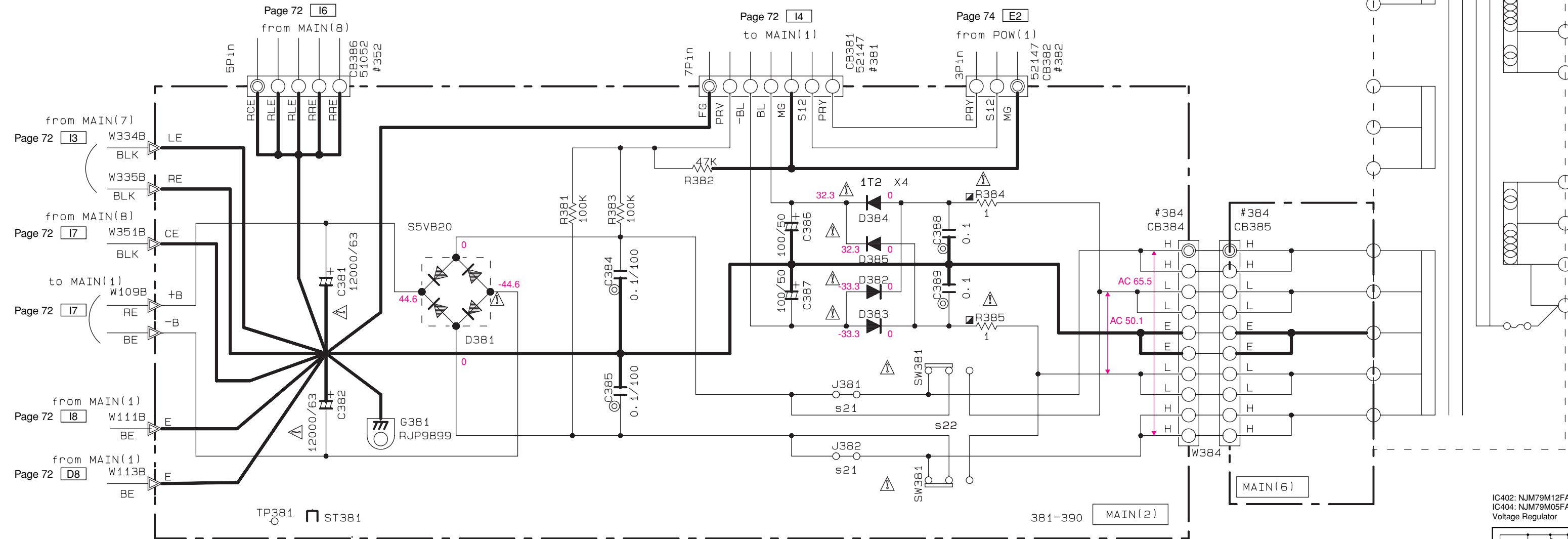
| REMARKS | PARTS NAME                       |
|---------|----------------------------------|
| NO MARK | ELECTROLYTIC CAPACITOR           |
| ⊗       | TANTALUM CAPACITOR               |
| NO MARK | CERAMIC CAPACITOR                |
| ●       | CERAMIC TUBULAR CAPACITOR        |
| ◎       | POLYESTER FILM CAPACITOR         |
| ○       | POLYSTYRENE FILM CAPACITOR       |
| ○       | MICA CAPACITOR                   |
| ⊖       | POLYPROPYLENE FILM CAPACITOR     |
| ⊕       | SEMICONDUCTIVE CERAMIC CAPACITOR |

NOTICE (model)

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| s  | Circuit No. | J | U. C. R. T. K<br>A. L. B. G    |
|----|-------------|---|--------------------------------|
| 21 | J381・382    | O | X                              |
| 22 | SW381       | X | SL13B-<br>022AMCS<br>[V410420] |

x: NOT USED  
O: USED / APPLICABLE



- ★ All voltages are measured with a 10MΩ/V DC electric volt meter.
- ★ Components having special characteristics are marked ▲ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- ▲印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。



# PARTS LIST

## ■ ELECTRICAL PARTS

### ■ WARNING

- Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.
- Carbon resistors (1/6W or 1/4W) are not included in the ELECTRICAL PARTS List. For the parts No. of the carbon resistors, refer to last page.
- 印のある部分は、安全確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本機に使用しているカーボン抵抗は1/6Wまたは1/4Wです。このパーツリストには、記載しておりませんので、部品番号がHF45○○○○タイプまたは同等品を使用してください。
- 部品価格ランクは、予告なく変更することがあります。

### ABBREVIATIONS IN THIS LIST ARE AS FOLLOWS:

|            |                               |            |                                |
|------------|-------------------------------|------------|--------------------------------|
| C.A.EL.CHP | : CHIP ALUMI.ELECTROLYTIC CAP | L.EMIT     | : LIGHT EMITTING MODULE        |
| C.CE       | : CERAMIC CAP                 | LED.DSPLY  | : LED DISPLAY                  |
| C.CE.ARRAY | : CERAMIC CAP ARRAY           | LED.INFRD  | : LED,INFRARED                 |
| C.CE.CHP   | : CHIP CERAMIC CAP            | MODUL.RF   | : MODULATOR,RF                 |
| C.CE.ML    | : MULTILAYER CERAMIC CAP      | PHOT.CPL   | : PHOTO COUPLER                |
| C.CE.M.CHP | : CHIP MULTILAYER CERAMIC CAP | PHOT.INTR  | : PHOTO INTERRUPTER            |
| C.CE.SAFTY | : RECOGNIZED CERAMIC CAP      | PHOT.RFLCT | : PHOTO REFLECTOR              |
| C.CE.TUBLR | : CERAMIC TUBULAR CAP         | PIN.TEST   | : PIN,TEST POINT               |
| C.CE.SMI   | : SEMI CONDUCTIVE CERAMIC CAP | PLST.RIVET | : PLASTIC RIVET                |
| C.EL       | : ELECTROLYTIC CAP            | R.ARRAY    | : RESISTOR ARRAY               |
| C.MICA     | : MICA CAP                    | R.CAR.     | : CARBON RESISTOR              |
| C.ML.FLM   | : MULTILAYER FILM CAP         | R.CAR.CHP  | : CHIP RESISTOR                |
| C.MP       | : METALLIZED PAPER CAP        | R.CAR.FP   | : FLAME PROOF CARBON RESISTOR  |
| C.MYLAR    | : MYLAR FILM CAP              | R.FUS      | : FUSABLE RESISTOR             |
| C.MYLAR.ML | : MULTILAYER MYLAR FILM CAP   | R.MTL.CHP  | : CHIP METAL FILM RESISTOR     |
| C.PAPER    | : PAPER CAPACITOR             | R.MTL.FLM  | : METAL FILM RESISTOR          |
| C.PLS      | : POLYSTYRENE FILM CAP        | R.MTL.OXD  | : METAL OXIDE FILM RESISTOR    |
| C.POL      | : POLYESTER FILM CAP          | R.MTL.PLAT | : METAL PLATE RESISTOR         |
| C.POLY     | : POLYETHYLENE FILM CAP       | RSNR.CE    | : CERAMIC RESONATOR            |
| C.PP       | : POLYPROPYLENE FILM CAP      | RSNR.CRYS  | : CRYSTAL RESONATOR            |
| C.TNTL     | : TANTALUM CAP                | R.TW.CEM   | : TWIN CEMENT FIXED RESISTOR   |
| C.TNTL.CHP | : CHIP TANTALUM CAP           | R.WW       | : WIRE WOUND RESISTOR          |
| C.TRIM     | : TRIMMER CAP                 | SCR.BND.HD | : BIND HEAD B-TITE SCREW       |
| CN         | : CONNECTOR                   | SCR.BW.HD  | : BW HEAD TAPPING SCREW        |
| CN.BS.PIN  | : CONNECTOR,BASE PIN          | SCR.CUP    | : CUP TITE SCREW               |
| CN.CANNON  | : CONNECTOR,CANNON            | SCR.TERM   | : SCREW TERMINAL               |
| CN.DIN     | : CONNECTOR,DIN               | SCR.TR     | : SCREW,TRANSISTOR             |
| CN.FLAT    | : CONNECTOR,FLAT CABLE        | SUPRT.PCB  | : SUPPORT,P.C.B.               |
| CN.POST    | : CONNECTOR,BASE POST         | SURG.PRTCT | : SURGE PROTECTOR              |
| COIL.MX.AM | : COIL,AM MIX                 | SW.TACT    | : TACT SWITCH                  |
| COIL.AT.FM | : COIL,FM ANTENNA             | SW.LEAF    | : LEAF SWITCH                  |
| COIL.DT.FM | : COIL,FM DETECT              | SW.LEVER   | : LEVER SWITCH                 |
| COIL.MX.FM | : COIL,FM MIX                 | SW.MICRO   | : MICRO SWITCH                 |
| COIL.OUTPT | : OUTPUT COIL                 | SW.PUSH    | : PUSH SWITCH                  |
| DIOD.ARRAY | : DIODE ARRAY                 | SW.RT.ENC  | : ROTARY ENCODER               |
| DIODE.BRG  | : DIODE BRIDGE                | SW.RT.MTR  | : ROTARY SWITCH WITH MOTOR     |
| DIODE.CHP  | : CHIP DIODE                  | SW.RT      | : ROTARY SWITCH                |
| DIODE.VAR  | : VARACTOR DIODE              | SW.SLIDE   | : SLIDE SWITCH                 |
| DIOD.Z.CHP | : CHIP ZENER DIODE            | TERM.SP    | : SPEAKER TERMINAL             |
| DIODE.ZENR | : ZENER DIODE                 | TERM.WRAP  | : WRAPPING TERMINAL            |
| DSCR.CE    | : CERAMIC DISCRIMINATOR       | THRMST.CHP | : CHIP THERMISTOR              |
| FER.BEAD   | : FERRITE BEADS               | TR.CHP     | : CHIP TRANSISTOR              |
| FER.CORE   | : FERRITE CORE                | TR.DGT     | : DIGITAL TRANSISTOR           |
| FET.CHP    | : CHIP FET                    | TR.DGT.CHP | : CHIP DIGITAL TRANSISTOR      |
| FL.DSPLY   | : FLUORESCENT DISPLAY         | TRANS      | : TRANSFORMER                  |
| FLTR.CE    | : CERAMIC FILTER              | TRANS.PULS | : PULSE TRANSFORMER            |
| FLTR.COMB  | : COMB FILTER MODULE          | TRANS.PWR  | : POWER TRANSFORMER ASS'Y      |
| FLTR.LC.RF | : LC FILTER,EMI               | TUNER.AM   | : TUNER PACK,AM                |
| GND.MTL    | : GROUND PLATE                | TUNER.FM   | : TUNER PACK,FM                |
| GND.TERM   | : GROUND TERMINAL             | TUNER.PK   | : FRONT-ENDTUNER PACK          |
| HOLDER.FUS | : FUSE HOLDER                 | VR         | : ROTARY POTENTIOMETER         |
| IC.PRTCT   | : IC PROTECTOR                | VR.MTR     | : POTENTIOMETER WITH MOTOR     |
| JUMPER.CN  | : JUMPER CONNECTOR            | VR.SW      | : POTENTIOMETER WITH ROTARY SW |
| JUMPER.TST | : JUMPER,TEST POINT           | VR.SLIDE   | : SLIDE POTENTIOMETER          |
| L.DTCT     | : LIGHT DETECTING MODULE      | VR.TRIM    | : TRIMMER POTENTIOMETER        |

**Note)** Those parts marked with “#” are not included in the P.C.B. ass'y.

P.C.B. FUNCTION

|       | Schm<br>Ref. | PART NO.      | Description       | Remarks                          | Markets          | 部 品 名       | Rank          |    |    |
|-------|--------------|---------------|-------------------|----------------------------------|------------------|-------------|---------------|----|----|
| ***** |              | V8702200      | P. C. B.          | FUNCTION                         | V730             | UC          | P C B ファンクション | 28 |    |
|       |              | V8702300      | P. C. B.          | FUNCTION                         | V730             | RT          | P C B ファンクション |    |    |
|       |              | V8702400      | P. C. B.          | FUNCTION                         | V730             | K           | P C B ファンクション |    |    |
|       |              | V8702500      | P. C. B.          | FUNCTION                         | V730             | AL          | P C B ファンクション |    |    |
|       |              | V8702600      | P. C. B.          | FUNCTION                         | V730RDS          | BG          | P C B ファンクション |    |    |
|       |              | V8702700      | P. C. B.          | FUNCTION                         | AX630            | J           | P C B ファンクション |    |    |
|       |              | V8702800      | P. C. B.          | FUNCTION                         | V630, 5560       | UC          | P C B ファンクション |    |    |
|       |              | V8702900      | P. C. B.          | FUNCTION                         | V630, 5560       | RT          | P C B ファンクション |    |    |
|       |              | V8703000      | P. C. B.          | FUNCTION                         | V630, 5560       | K           | P C B ファンクション |    |    |
|       |              | V8703100      | P. C. B.          | FUNCTION                         | V630, 5560       | AL          | P C B ファンクション |    |    |
|       |              | V8703200      | P. C. B.          | FUNCTION                         | V630RDS, 5560RDS | BG          | P C B ファンクション |    |    |
|       |              | V8703300      | P. C. B.          | FUNCTION                         | AX630SE          | BG          | P C B ファンクション |    |    |
|       | CB301        | V7828500      | SOCKET            | 18P TE TUC SERIES                | except AX630SE   |             | コネクターソケット     |    | 01 |
|       | CB303        | V7828100      | SOCKET            | 14P TE TUC SERIES                |                  |             | コネクターソケット     |    |    |
|       | CB304        | V7826500      | CN                | 15P TE TUC SERIES                |                  |             | コネクタープラグ      |    |    |
| CB306 | VQ048400     | CN            | 35P               | F F C コネクター                      |                  |             |               |    |    |
| CB307 | VK026800     | CN. BS. PIN   | 9P                | ワイヤートラップ                         |                  |             |               |    |    |
| CB308 | VQ048500     | CN            | 36P TE            | F F C コネクター                      |                  |             |               |    |    |
| CB441 | VF982200     | CN. BS. PIN   | 14P               | コネクター                            |                  |             |               |    |    |
| CB443 | VQ044300     | CN. BS. PIN   | 7P                | F F C コネクター                      |                  |             |               |    |    |
| CB501 | V7828200     | SOCKET        | 15P TE TUC SERIES | コネクターソケット                        |                  |             |               |    |    |
| CB503 | V7826500     | CN            | 15P TE TUC SERIES | コネクタープラグ                         |                  |             |               |    |    |
| CB505 | V7828200     | SOCKET        | 15P TE TUC SERIES | except AX630SE<br>except AX630SE |                  | コネクターソケット   | 01            |    |    |
| CB551 | V7827800     | SOCKET        | 11P TE TUC SERIES |                                  |                  | コネクターソケット   |               |    |    |
| CB571 | V7826000     | CN            | 10P TE TUC SERIES |                                  |                  | コネクタープラグ    |               |    |    |
| CB572 | V7825700     | CN            | 7P TE TUC SERIES  |                                  |                  | コネクタープラグ    |               |    |    |
| CB573 | V7826100     | CN            | 11P TE TUC SERIES |                                  |                  | コネクタープラグ    |               |    |    |
| CB574 | V7825400     | CN            | 4P TE TUC SERIES  |                                  |                  | コネクタープラグ    |               |    |    |
| CB575 | V7826800     | CN            | 18P TE TUC SERIES |                                  |                  | コネクタープラグ    |               |    |    |
| CB577 | V7826400     | CN            | 14P TE TUC SERIES |                                  |                  | コネクタープラグ    |               |    |    |
| CB578 | VM859600     | CN. BS. PIN   | 15P               |                                  |                  | F F C コネクター |               |    |    |
| CB801 | V7827700     | SOCKET        | 10P TE TUC SERIES |                                  |                  | コネクターソケット   |               |    |    |
| CB802 | V7827400     | SOCKET        | 7P TE TUC SERIES  | AX630SE<br>AX630SE               | BG<br>BG         | コネクターソケット   | 01            |    |    |
| C301  | US064100     | C. CE. M. CHP | 0. 01uF 50V       |                                  |                  | チップセラコン     |               |    |    |
| C302  | FG651470     | C. CE         | 47pF 50V          |                                  |                  | セラコン        |               |    |    |
| C303  | FG651470     | C. CE         | 47pF 50V          |                                  |                  | セラコン        |               |    |    |
| C304  | US062220     | C. CE. CHP    | 220pF 50V         |                                  |                  | チップセラコン     |               |    |    |
| C305  | US062220     | C. CE. CHP    | 220pF 50V         |                                  |                  | チップセラコン     |               |    |    |
| C306  | US062220     | C. CE. CHP    | 220pF 50V         |                                  |                  | チップセラコン     |               |    |    |
| C307  | US062220     | C. CE. CHP    | 220pF 50V         |                                  |                  | チップセラコン     |               |    |    |
| C308  | US062220     | C. CE. CHP    | 220pF 50V         |                                  |                  | チップセラコン     |               |    |    |
| C309  | US062220     | C. CE. CHP    | 220pF 50V         |                                  |                  | チップセラコン     |               |    |    |
| C310  | UA652100     | C. MYLAR      | 100pF 50V         |                                  |                  | マイラーコン      | 01            |    |    |
| C311  | UA652100     | C. MYLAR      | 100pF 50V         |                                  |                  | マイラーコン      |               |    |    |
| C312  | UT652100     | C. PP         | 100pF 100V        |                                  |                  | P P コン      |               |    |    |
| C313  | UT652100     | C. PP         | 100pF 100V        |                                  |                  | P P コン      |               |    |    |
| C314  | UA652100     | C. MYLAR      | 100pF 50V         |                                  |                  | マイラーコン      |               |    |    |
| C315  | UA652100     | C. MYLAR      | 100pF 50V         |                                  |                  | マイラーコン      |               |    |    |
| C318  | VD930900     | C. CE. SMI    | 0. 1uF 25V        |                                  |                  | 半導体セラコン     |               |    |    |
| C319  | VD930900     | C. CE. SMI    | 0. 1uF 25V        |                                  |                  | 半導体セラコン     |               |    |    |
| C320  | VD930900     | C. CE. SMI    | 0. 1uF 25V        |                                  |                  | 半導体セラコン     |               |    |    |
| C321  | VD930900     | C. CE. SMI    | 0. 1uF 25V        |                                  |                  | 半導体セラコン     |               |    |    |
| C322  | VG288800     | C. EL         | 47uF 25V          |                                  |                  | ケミコン        | 01            |    |    |

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P.C.B. FUNCTION

| Schm<br>Ref. | PART NO. | Description          | Remarks | Markets | 部 品 名   | Rank |
|--------------|----------|----------------------|---------|---------|---------|------|
| C323         | VG288800 | C. EL 47uF 25V       |         |         | ケミコン    | 01   |
| C324         | VG288800 | C. EL 47uF 25V       |         |         | ケミコン    | 01   |
| C325         | VG288800 | C. EL 47uF 25V       |         |         | ケミコン    | 01   |
| C326         | UU137100 | C. EL 10uF 16V       |         |         | ケミコン    | 01   |
| C327         | UU137100 | C. EL 10uF 16V       |         |         | ケミコン    | 01   |
| C328         | UU137100 | C. EL 10uF 16V       |         |         | ケミコン    | 01   |
| C329         | UU137100 | C. EL 10uF 16V       |         |         | ケミコン    | 01   |
| C330         | VG288800 | C. EL 47uF 25V       |         |         | ケミコン    | 01   |
| C331         | VG288800 | C. EL 47uF 25V       |         |         | ケミコン    | 01   |
| C332         | UA654270 | C. MYLAR 0.027uF 50V |         |         | マイラーコン  | 01   |
| C333         | UA654270 | C. MYLAR 0.027uF 50V |         |         | マイラーコン  | 01   |
| C334         | UU147100 | C. EL 10uF 25V       |         |         | ケミコン    | 01   |
| C335         | UU147100 | C. EL 10uF 25V       |         |         | ケミコン    | 01   |
| C336         | UR866220 | C. EL 2.2uF 50V      |         |         | ケミコン    | 01   |
| C337         | UR866220 | C. EL 2.2uF 50V      |         |         | ケミコン    | 01   |
| C338         | UR866220 | C. EL 2.2uF 50V      |         |         | ケミコン    | 01   |
| C339         | VG290600 | C. EL 2.2uF 50V      |         |         | ケミコン    | 01   |
| C340         | UR866220 | C. EL 2.2uF 50V      |         |         | ケミコン    | 01   |
| C341         | UA654270 | C. MYLAR 0.027uF 50V |         |         | マイラーコン  | 01   |
| C342         | UA654270 | C. MYLAR 0.027uF 50V |         |         | マイラーコン  | 01   |
| C343         | UT652100 | C. PP 100pF 100V     |         |         | P P コン  | 01   |
| C344         | UT652100 | C. PP 100pF 100V     |         |         | P P コン  | 01   |
| C345         | V4578900 | C. EL 47uF 35V       |         |         | ケミコン    |      |
| C346         | V4578900 | C. EL 47uF 35V       |         |         | ケミコン    |      |
| C347         | UR866330 | C. EL 3.3uF 50V      |         |         | ケミコン    | 01   |
| C348         | UR866330 | C. EL 3.3uF 50V      |         |         | ケミコン    | 01   |
| C349         | UR866330 | C. EL 3.3uF 50V      |         |         | ケミコン    | 01   |
| C350         | UR866330 | C. EL 3.3uF 50V      |         |         | ケミコン    | 01   |
| C351         | VG290700 | C. EL 3.3uF 50V      |         |         | ケミコン    | 01   |
| C352         | UR866330 | C. EL 3.3uF 50V      |         |         | ケミコン    | 01   |
| C353         | UU147330 | C. EL 33uF 25V       |         |         | ケミコン FW |      |
| C354         | UU147330 | C. EL 33uF 25V       |         |         | ケミコン FW |      |
| C355         | UR877100 | C. EL 10uF 63V       |         |         | ケミコン    | 01   |
| C356         | UR877100 | C. EL 10uF 63V       |         |         | ケミコン    | 01   |
| C357         | UR877100 | C. EL 10uF 63V       |         |         | ケミコン    | 01   |
| C358         | UR877100 | C. EL 10uF 63V       |         |         | ケミコン    | 01   |
| C359         | VG287200 | C. EL 10uF 50V       |         |         | ケミコン    | 01   |
| C360         | UR877100 | C. EL 10uF 63V       |         |         | ケミコン    | 01   |
| C361         | UU138100 | C. EL 100uF 16V      |         |         | ケミコン    | 01   |
| C362         | UU138100 | C. EL 100uF 16V      |         |         | ケミコン    | 01   |
| C364         | VN011900 | C. EL 100uF 35V      |         |         | ケミコン    | 01   |
| C365         | UR877100 | C. EL 10uF 63V       |         |         | ケミコン    | 01   |
| C366         | UR877100 | C. EL 10uF 63V       |         |         | ケミコン    | 01   |
| C367         | VG288500 | C. EL 10uF 25V       |         |         | ケミコン    | 01   |
| C368         | UU147100 | C. EL 10uF 25V       |         |         | ケミコン    | 01   |
| C369         | VG288500 | C. EL 10uF 25V       |         |         | ケミコン    | 01   |
| C370         | UU137470 | C. EL 47uF 16V       |         |         | ケミコン    | 01   |
| C371         | US135100 | C. CE. CHP 0.1uF 16V |         |         | チップセラコン | 01   |
| C372         | US135100 | C. CE. CHP 0.1uF 16V |         |         | チップセラコン | 01   |
| C373         | US135100 | C. CE. CHP 0.1uF 16V |         |         | チップセラコン | 01   |
| C374         | US135100 | C. CE. CHP 0.1uF 16V |         |         | チップセラコン | 01   |
| C375         | US135100 | C. CE. CHP 0.1uF 16V |         |         | チップセラコン | 01   |
| C376         | US135100 | C. CE. CHP 0.1uF 16V |         |         | チップセラコン | 01   |

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P.C.B. FUNCTION

| Schm Ref. | PART NO. |               | Description |       | Remarks | Markets | 部 品 名   | Rank |
|-----------|----------|---------------|-------------|-------|---------|---------|---------|------|
| C377      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C378      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C379      | VG287200 | C. EL         | 10uF        | 50V   |         |         | ケミコン    | 01   |
| C380      | VG287200 | C. EL         | 10uF        | 50V   |         |         | ケミコン    | 01   |
| C381      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C382      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C383      | UU137470 | C. EL         | 47uF        | 16V   |         |         | ケミコン    | 01   |
| C384      | UU137470 | C. EL         | 47uF        | 16V   |         |         | ケミコン    | 01   |
| C385      | VG287200 | C. EL         | 10uF        | 50V   |         |         | ケミコン    | 01   |
| C386      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C387      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C388      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C389      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C390      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C391      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C392      | UT652100 | C. PP         | 100pF       | 100V  |         |         | P Pコン   | 01   |
| C393      | UT652100 | C. PP         | 100pF       | 100V  |         |         | P Pコン   | 01   |
| C394      | VQ645600 | C. MYLAR      | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C395      | VQ645600 | C. MYLAR      | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C396      | UA652100 | C. MYLAR      | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C397      | UT652100 | C. PP         | 100pF       | 100V  |         |         | P Pコン   | 01   |
| C398      | UA652100 | C. MYLAR      | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C399      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C400      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C401      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C402      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C403      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C404      | VG287200 | C. EL         | 10uF        | 50V   |         |         | ケミコン    | 01   |
| C405      | UR877100 | C. EL         | 10uF        | 63V   |         |         | ケミコン    | 01   |
| C406      | VG287500 | C. EL         | 47uF        | 50V   |         |         | ケミコン    | 01   |
| C407      | VG287500 | C. EL         | 47uF        | 50V   |         |         | ケミコン    | 01   |
| C408      | VG287500 | C. EL         | 47uF        | 50V   |         |         | ケミコン    | 01   |
| C409      | VG287500 | C. EL         | 47uF        | 50V   |         |         | ケミコン    | 01   |
| C410      | US064100 | C. CE. M. CHP | 0. 01uF     | 50V   |         |         | チップセラコン | 01   |
| C411      | US064100 | C. CE. M. CHP | 0. 01uF     | 50V   |         |         | チップセラコン | 01   |
| C412      | US064100 | C. CE. M. CHP | 0. 01uF     | 50V   |         |         | チップセラコン | 01   |
| C413      | US064100 | C. CE. M. CHP | 0. 01uF     | 50V   |         |         | チップセラコン | 01   |
| C414      | US064100 | C. CE. M. CHP | 0. 01uF     | 50V   |         |         | チップセラコン | 01   |
| C415      | US064100 | C. CE. M. CHP | 0. 01uF     | 50V   |         |         | チップセラコン | 01   |
| C416      | UT652100 | C. PP         | 100pF       | 100V  |         |         | P Pコン   | 01   |
| C431      | US062680 | C. CE. M. CHP | 680pF       | 50V   |         |         | チップセラコン | 01   |
| C432      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C433      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C441      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C442      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C443      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C444      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C445      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C445      | US135100 | C. CE. CHP    | 0. 1uF      | 16V   |         | RTKALBG | チップセラコン | 01   |
| C446      | UR819100 | C. EL         | 1000uF      | 6. 3V |         | RTKALBG | ケミコン    | 01   |
| C447      | UR819100 | C. EL         | 1000uF      | 6. 3V |         |         | ケミコン    | 01   |
| C448      | UR819100 | C. EL         | 1000uF      | 6. 3V |         |         | ケミコン    | 01   |
| C449      | UR865100 | C. EL         | 0. 1uF      | 50V   |         |         | ケミコン    | 01   |

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P.C.B. FUNCTION

| Schm Ref. | PART NO. | Description              | Remarks       | Markets | 部 品 名      | Rank |
|-----------|----------|--------------------------|---------------|---------|------------|------|
| C450      | VS672200 | C. EL 4700uF 5.5V        |               |         | バックアップケミコン | 02   |
| C451      | UR818220 | C. EL 220uF 6.3V         |               |         | ケミコン       | 01   |
| C452      | UR877100 | C. EL 10uF 63V           |               |         | ケミコン       | 01   |
| C453      | US135100 | C. CE. CHP 0.1uF 16V     |               |         | チップセラコン    | 01   |
| C454      | UR847470 | C. EL 47uF 25V           |               |         | ケミコン       | 01   |
| C455      | UR866220 | C. EL 2.2uF 50V          |               |         | ケミコン       | 01   |
| C456      | UR866220 | C. EL 2.2uF 50V          |               |         | ケミコン       | 01   |
| C457      | UR866220 | C. EL 2.2uF 50V          |               |         | ケミコン       | 01   |
| C458      | UR865220 | C. EL 0.22uF 50V         |               |         | ケミコン       | 01   |
| C459      | US062100 | C. CE. M. CHP 100pF 50V  |               |         | チップセラコン    | 01   |
| C460      | UR865100 | C. EL 0.1uF 50V          |               |         | ケミコン       | 01   |
| C501      | US064100 | C. CE. M. CHP 0.01uF 50V | V730, V730RDS |         | チップセラコン    | 01   |
| C502      | UA652100 | C. MYLAR 100pF 50V       | V730, V730RDS | ALBG    | マイラーコン     | 01   |
| C503      | UA652100 | C. MYLAR 100pF 50V       | V730, V730RDS | ALBG    | マイラーコン     | 01   |
| C504      | UA652220 | C. MYLAR 220pF 50V       | V730, V730RDS |         | マイラーコン     | 01   |
| C505      | UA652220 | C. MYLAR 220pF 50V       | V730, V730RDS |         | マイラーコン     | 01   |
| C506      | UR828220 | C. EL 220uF 10V          | V730, V730RDS |         | ケミコン       | 01   |
| C507      | UR828220 | C. EL 220uF 10V          | V730, V730RDS |         | ケミコン       | 01   |
| C508      | UA653910 | C. MYLAR 9100pF 50V      | V730, V730RDS |         | マイラーコン     | 01   |
| C509      | UA653910 | C. MYLAR 9100pF 50V      | V730, V730RDS |         | マイラーコン     | 01   |
| C510      | UA654330 | C. MYLAR 0.033uF 50V     | V730, V730RDS |         | マイラーコン     | 01   |
| C511      | UA654330 | C. MYLAR 0.033uF 50V     | V730, V730RDS |         | マイラーコン     | 01   |
| C512      | UR866220 | C. EL 2.2uF 50V          | V730, V730RDS |         | ケミコン       | 01   |
| C513      | UR866220 | C. EL 2.2uF 50V          | V730, V730RDS |         | ケミコン       | 01   |
| C514      | UA653100 | C. MYLAR 1000pF 50V      | V730, V730RDS |         | マイラーコン     | 03   |
| C515      | UA653100 | C. MYLAR 1000pF 50V      | V730, V730RDS |         | マイラーコン     | 03   |
| C516      | VG288800 | C. EL 47uF 25V           | V730, V730RDS |         | ケミコン       | 01   |
| C517      | VG288800 | C. EL 47uF 25V           | V730, V730RDS |         | ケミコン       | 01   |
| C518      | FG651470 | C. CE 47pF 50V           |               |         | セラコン       | 01   |
| C519      | FG651470 | C. CE 47pF 50V           |               |         | セラコン       | 01   |
| C520      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C521      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C522      | FG651470 | C. CE 47pF 50V           |               |         | セラコン       | 01   |
| C523      | FG651470 | C. CE 47pF 50V           |               |         | セラコン       | 01   |
| C524      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C525      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C526      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C527      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C528      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C529      | UA652100 | C. MYLAR 100pF 50V       |               |         | マイラーコン     | 01   |
| C530      | US064100 | C. CE. M. CHP 0.01uF 50V |               |         | チップセラコン    | 01   |
| C531      | UA654100 | C. MYLAR 0.01uF 50V      |               |         | マイラーコン     | 01   |
| C532      | US064100 | C. CE. M. CHP 0.01uF 50V |               |         | チップセラコン    | 01   |
| C533      | VD930900 | C. CE. SMI 0.1uF 25V     |               |         | 半導体セラコン    | 01   |
| C534      | VD930900 | C. CE. SMI 0.1uF 25V     |               |         | 半導体セラコン    | 01   |
| C535      | VG288800 | C. EL 47uF 25V           |               |         | ケミコン       | 01   |
| C536      | VG288800 | C. EL 47uF 25V           |               |         | ケミコン       | 01   |
| C551      | US062100 | C. CE. M. CHP 100pF 50V  |               |         | チップセラコン    | 01   |
| C552      | US062100 | C. CE. M. CHP 100pF 50V  |               |         | チップセラコン    | 01   |
| C553      | US062100 | C. CE. M. CHP 100pF 50V  |               |         | チップセラコン    | 01   |
| C554      | UR847470 | C. EL 47uF 25V           |               |         | ケミコン       | 01   |
| C555      | UR847470 | C. EL 47uF 25V           |               |         | ケミコン       | 01   |
| C556      | US135100 | C. CE. CHP 0.1uF 16V     |               |         | チップセラコン    | 01   |

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| Schm Ref. | PART NO. | Description   |         |     | Remarks               | Markets | 部 品 名         | Rank    |    |
|-----------|----------|---------------|---------|-----|-----------------------|---------|---------------|---------|----|
| C557      | US135100 | C. CE. CHP    | 0. 1uF  | 16V | except AX630SE        | BG      | チップセラコン       | 01      |    |
| C558      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C559      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C560      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C561      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C562      | US135220 | C. CE. CHP    | 0. 22uF | 16V |                       |         | チップセラ ( F )   | 01      |    |
| C571      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C572      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C575      | US062330 | C. CE. M. CHP | 330pF   | 50V |                       |         | チップセラコン       | 01      |    |
| C576      | US062330 | C. CE. M. CHP | 330pF   | 50V |                       |         | チップセラコン       | 01      |    |
| C577      | VA761100 | C. CE         | 27pF    | 50V | except AX630SE        | BG      | セラコン          | 01      |    |
| C578      | VA761100 | C. CE         | 27pF    | 50V | except AX630SE        | BG      | セラコン          | 01      |    |
| C579      | UR847470 | C. EL         | 47uF    | 25V | except AX630SE        | BG      | ケミコン          | 01      |    |
| C580      | UR847470 | C. EL         | 47uF    | 25V | except AX630SE        | BG      | ケミコン          | 01      |    |
| C581      | US062560 | C. CE. CHP    | 560pF   | 50V | except AX630SE        | BG      | チップセラ ( S L ) | 01      |    |
| C582      | US135100 | C. CE. CHP    | 0. 1uF  | 16V | except AX630SE        | BG      | チップセラコン       | 01      |    |
| C583      | UR847470 | C. EL         | 47uF    | 25V | except AX630SE        | BG      | ケミコン          | 01      |    |
| C584      | US062100 | C. CE. M. CHP | 100pF   | 50V | except AX630SE        | BG      | チップセラコン       | 01      |    |
| C585      | US062100 | C. CE. M. CHP | 100pF   | 50V | except AX630SE        |         | チップセラコン       | 01      |    |
| C586      | US063100 | C. CE. M. CHP | 1000pF  | 50V | except AX630SE        |         | チップセラコン       | 01      |    |
| C587      | US062100 | C. CE. M. CHP | 100pF   | 50V | except AX630SE        |         | チップセラコン       | 01      |    |
| C588      | US062100 | C. CE. M. CHP | 100pF   | 50V | except AX630SE        |         | チップセラコン       | 01      |    |
| C589      | US064100 | C. CE. M. CHP | 0. 01uF | 50V | except AX630SE        |         | チップセラコン       | 01      |    |
| C590      | US062100 | C. CE. M. CHP | 100pF   | 50V | except AX630SE        |         | チップセラコン       | 01      |    |
| C591      | UR877100 | C. EL         | 10uF    | 63V | except AX630SE        |         | ケミコン          | 01      |    |
| C801      | US062100 | C. CE. M. CHP | 100pF   | 50V | V730, V730RDS<br>V730 |         | ALBG<br>UCRTK | チップセラコン | 01 |
| C802      | US062100 | C. CE. M. CHP | 100pF   | 50V |                       |         |               | チップセラコン | 01 |
| C803      | US062100 | C. CE. M. CHP | 100pF   | 50V |                       | チップセラコン |               | 01      |    |
| C804      | US062100 | C. CE. M. CHP | 100pF   | 50V |                       | チップセラコン |               | 01      |    |
| C805      | US062100 | C. CE. M. CHP | 100pF   | 50V |                       | チップセラコン |               | 01      |    |
| C806      | US062100 | C. CE. M. CHP | 100pF   | 50V |                       | チップセラコン |               | 01      |    |
| C807      | US135100 | C. CE. CHP    | 0. 1uF  | 16V |                       | チップセラコン |               | 01      |    |
| C808      | US135100 | C. CE. CHP    | 0. 1uF  | 16V |                       | チップセラコン |               | 01      |    |
| C809      | US135100 | C. CE. CHP    | 0. 1uF  | 16V |                       | チップセラコン |               | 01      |    |
| C810      | UR829100 | C. EL         | 1000uF  | 10V |                       | ケミコン    |               | 01      |    |
| C811      | US062820 | C. CE. CHP    | 820pF   | 50V | V730, V730RDS         | ALBG    | チップセラ ( B )   | 01      |    |
| C811      | US063150 | C. CE. M. CHP | 1500pF  | 50V | V730                  | UCRTK   | チップセラコン       | 01      |    |
| C812      | UR847470 | C. EL         | 47uF    | 25V | V730, V730RDS         |         | ケミコン          | 01      |    |
| C813      | UR847470 | C. EL         | 47uF    | 25V | V730, V730RDS         |         | ケミコン          | 01      |    |
| C814      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C815      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C816      | US135100 | C. CE. CHP    | 0. 1uF  | 16V |                       |         | チップセラコン       | 01      |    |
| C817      | US135100 | C. CE. CHP    | 0. 1uF  | 16V |                       |         | チップセラコン       | 01      |    |
| C818      | UR847470 | C. EL         | 47uF    | 25V |                       |         | ケミコン          | 01      |    |
| C819      | UR847470 | C. EL         | 47uF    | 25V | V730, V730RDS         |         | ケミコン          | 01      |    |
| C820      | UR847470 | C. EL         | 47uF    | 25V | V730, V730RDS         |         | ケミコン          | 01      |    |
| C821      | UR847470 | C. EL         | 47uF    | 25V | V730, V730RDS         |         | ケミコン          | 01      |    |
| C822      | UR847470 | C. EL         | 47uF    | 25V | V730, V730RDS         |         | ケミコン          | 01      |    |
| C823      | US062270 | C. CE. M. CHP | 270pF   | 50V | V730, V730RDS         | ALBG    | チップセラコン       | 01      |    |
| C823      | US062390 | C. CE. CHP    | 390P    | 50V | V730                  | UCRTK   | チップセラ ( S L ) | 01      |    |
| C824      | US063100 | C. CE. M. CHP | 1000pF  | 50V |                       |         | チップセラコン       | 01      |    |
| C825      | US135100 | C. CE. CHP    | 0. 1uF  | 16V |                       |         | チップセラコン       | 01      |    |
| C826      | US135100 | C. CE. CHP    | 0. 1uF  | 16V |                       |         | チップセラコン       | 01      |    |

\* New Parts \* 新規部品 (マーク#の部品は、基板に含まれません)

P.C.B. FUNCTION

| Schm Ref. | PART NO. | Description   | Remarks            | Markets        | 部 品 名       | Rank |
|-----------|----------|---------------|--------------------|----------------|-------------|------|
| C827      | US135100 | C. CE. CHP    | 0.1uF 16V          |                | チップセラコン     | 01   |
| C828      | UR847470 | C. EL         | 47uF 25V           | V730, V730RDS  | ケミコン        | 01   |
| C829      | US135100 | C. CE. CHP    | 0.1uF 16V          | V730, V730RDS  | チップセラコン     | 01   |
| C830      | UR847470 | C. EL         | 47uF 25V           | V730, V730RDS  | ケミコン        | 01   |
| C831      | UR877100 | C. EL         | 10uF 63V           | V730, V730RDS  | ケミコン        | 01   |
| C832      | US135100 | C. CE. CHP    | 0.1uF 16V          | V730, V730RDS  | チップセラコン     | 01   |
| C833      | US060800 | C. CE. CHP    | 8pF 50V            | V730, V730RDS  | チップセラコン     | 01   |
| C834      | US061330 | C. CE. M. CHP | 33pF 50V           | V730, V730RDS  | チップセラコン     | 01   |
| C835      | UR818330 | C. EL         | 330uF 6.3V         |                | ケミコン        | 01   |
| C836      | UR866100 | C. EL         | 1uF 50V            | V730, V730RDS  | ケミコン        | 01   |
| C837      | US060700 | C. CE. CHP    | 7pF 50V            | V730, V730RDS  | チップセラコン     | 01   |
| C838      | US062470 | C. CE. M. CHP | 470pF 50V          | V730, V730RDS  | チップセラコン     | 01   |
| C839      | US061240 | C. CE. CHP    | 24pF 50V           | V730, V730RDS  | チップセラ (C H) | 01   |
| C840      | US135100 | C. CE. CHP    | 0.1uF 16V          | V730, V730RDS  | チップセラコン     | 01   |
| C841      | UR866100 | C. EL         | 1uF 50V            | V730, V730RDS  | ケミコン        | 01   |
| C842      | US064100 | C. CE. M. CHP | 0.01uF 50V         |                | チップセラコン     | 01   |
| C843      | US061240 | C. CE. CHP    | 24pF 50V           | V730, V730RDS  | チップセラ (C H) | 01   |
| C844      | UR866470 | C. EL         | 4.7uF 50V          | V730, V730RDS  | ケミコン        | 01   |
| C845      | US063120 | C. CE. M. CHP | 1200pF 50V         | V730, V730RDS  | チップセラコン     | 01   |
| C846      | UR847470 | C. EL         | 47uF 25V           | V730, V730RDS  | ケミコン        | 01   |
| C847      | UR847470 | C. EL         | 47uF 25V           | V730, V730RDS  | ケミコン        | 01   |
| C848      | US062120 | C. CE. CHP    | 120pF 50V          | V730, V730RDS  | チップセラコン     | 01   |
| C849      | US135100 | C. CE. CHP    | 0.1uF 16V          |                | チップセラコン     | 01   |
| C850      | US062220 | C. CE. CHP    | 220pF 50V          | V730, V730RDS  | チップセラコン     | 01   |
| C851      | UR877100 | C. EL         | 10uF 63V           |                | ケミコン        | 01   |
| C852      | US062220 | C. CE. CHP    | 220pF 50V          | V730, V730RDS  | チップセラコン     | 01   |
| C853      | US062220 | C. CE. CHP    | 220pF 50V          | V730, V730RDS  | チップセラコン     | 01   |
| D302      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D303      | VU993000 | DIODE. ZENR   | MA8056-M 5.6V      |                | ツェナーダイオード   | 01   |
| D441      | VU171900 | DIODE. ZENR   | UDZ5.1B 5.1V       |                | ツェナーダイオード   | 01   |
| D442      | VU171900 | DIODE. ZENR   | UDZ5.1B 5.1V       |                | ツェナーダイオード   | 01   |
| D445      | VU171900 | DIODE. ZENR   | UDZ5.1B 5.1V       |                | ツェナーダイオード   | 01   |
| D446      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D447      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D448      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D449      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D450      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D451      | VU172100 | DIODE. ZENR   | UDZS6.2B 6.2V      | RTK            | ツェナーダイオード   | 01   |
| D451      | VU172200 | DIODE. ZENR   | UDZ6.8B 6.8V       | JUCALBG        | ツェナーダイオード   | 01   |
| D452      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D453      | VT332900 | DIODE         | 1SS355             |                | ダイオード       | 01   |
| D571      | VU172000 | DIODE. ZENR   | UDZS5.6BTE-17 5.6V | except AX630SE | ツェナーダイオード   | 01   |
| D801      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D802      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D803      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D804      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D805      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D806      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D807      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D808      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D809      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| D810      | VT332900 | DIODE         | 1SS355             | V730, V730RDS  | ダイオード       | 01   |
| IC302     | XP896A00 | IC            | LC78213            |                | I C         | 04   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. FUNCTION

| Schm Ref. | PART NO. | Description | Remarks            | Markets        | 部 品 名            | Rank |
|-----------|----------|-------------|--------------------|----------------|------------------|------|
| IC303     | XP894A00 | IC          | LC78211            |                | I C              | 06   |
| IC304     | XZ545A00 | IC          | YAC520-EE2         |                | I C              | 04   |
| IC305     | XZ545A00 | IC          | YAC520-EE2         |                | I C              | 04   |
| IC306     | XZ545A00 | IC          | YAC520-EE2         |                | I C              | 04   |
| IC307     | XZ545A00 | IC          | YAC520-EE2         |                | I C              | 04   |
| IC308     | XY879A00 | IC          | TC74HC4053AF (EL)  |                | ロジック I C S O P   | 03   |
| IC309     | XY879A00 | IC          | TC74HC4053AF (EL)  |                | ロジック I C S O P   | 03   |
| IC311     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC312     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC313     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC314     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC315     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC316     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC317     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC318     | XF291A00 | IC          | uPC4570G2          |                | I C              | 03   |
| IC441     | X2341A00 | IC          | M30624MGA          |                | マイコンマスク R O M    | 08   |
| IC442     | XJ757A00 | IC          | NJM78L05A-T3       |                | I C              | 01   |
| IC501     | XF291A00 | IC          | uPC4570G2          | V730, V730RDS  | I C              | 03   |
| IC502     | XP894A00 | IC          | LC78211            |                | I C              | 06   |
| IC551     | XY549A00 | IC          | TC74HC4051AFEL     |                | ロジック I C S O P   | 02   |
| IC552     | XW911A00 | IC          | LA7108M VIDEO AMP  |                | アンプ I C          | 04   |
| IC571     | XY534A00 | IC          | LC72722            | except AX630SE | BG R D Sデコーダ I C | 06   |
| IC801     | XW939A00 | IC          | TK15420M VIDEO AMP | V730, V730RDS  | アンプ I C S O P    | 03   |
| IC802     | XY549A00 | IC          | TC74HC4051AFEL     |                | ロジック I C S O P   | 02   |
| IC803     | XY549A00 | IC          | TC74HC4051AFEL     |                | ロジック I C S O P   | 02   |
| IC804     | XY879A00 | IC          | TC74HC4053AF (EL)  | V730, V730RDS  | ロジック I C S O P   | 03   |
| IC805     | XD598A00 | IC          | TC74HCU04AFEL INV  | V730, V730RDS  | ロジック I C         | 01   |
| IC806     | XZ060A00 | IC          | LC74781-9798       |                | I C S D I P      | 05   |
| IC807     | XY443A00 | IC          | LA7109 6CH         |                | アンプ I C S O P    | 05   |
| JK801     | VQ960400 | CN. DIN     | 1P                 |                | 1 連 S 端子         | 02   |
| JK801     | VU245200 | CN. DIN     | 1P                 |                | D I Nコネクタ        | 02   |
| JK802     | V5268700 | JACK. DIN   | JY-5036            |                | D I Nコネクタ 2 P    |      |
| JK803     | V5268700 | JACK. DIN   | JY-5036            |                | D I Nコネクタ 2 P    |      |
| JK804     | V5268700 | JACK. DIN   | JY-5036            |                | D I Nコネクタ 2 P    |      |
| L571      | VU889500 | COIL        | 220uH              |                | 円筒形固定コイル         | 01   |
| L801      | V3233700 | COIL        | 1.5uH              |                | コイル 1.5 U H      |      |
| L802      | V6236000 | COIL        | 4.7uH              |                | コイル              | 01   |
| L803      | V2726100 | COIL        | 33uH               |                | コイル              | 01   |
| PJ301     | V7046800 | JACK. PIN   | MSP-246V1-01NI     |                | ピンジャック 6 P       |      |
| PJ302     | V7190400 | JACK. PIN   | 6P                 |                | ピンジャック 6 P       |      |
| PJ303     | V8502200 | JACK. PIN   | 2P                 |                | ピンジャック 2 P       |      |
| PJ501     | V7189700 | JACK. PIN   | 1P                 |                | ピンジャック 1 P       |      |
| PJ502     | V7046800 | JACK. PIN   | MSP-246V1-01NI     |                | ピンジャック 6 P       |      |
| PJ503     | V7046700 | JACK. PIN   | MSP-244V1-01NI     |                | ピンジャック 4 P       |      |
| PJ504     | V2895300 | JACK. PIN   | 2P                 | 630 series     | ピンジャック           | 02   |
| PJ504     | V8041300 | JACK. PIN   | 4P                 | 730 series     | ピンジャック 4 Pアース付   |      |
| PJ551     | V7190000 | JACK. PIN   | 2P                 |                | ピンジャック 2 P       |      |
| PJ552     | V7190000 | JACK. PIN   | 2P                 |                | ピンジャック 2 P       |      |
| PJ553     | V7190000 | JACK. PIN   | 2P                 |                | ピンジャック 2 P       |      |
| PJ554     | V7189800 | JACK. PIN   | 1P                 |                | ピンジャック 1 P       |      |
| PN301     | V3750200 | PIN         | L=70               |                | スタイルピン           |      |
| PN302     | V3750200 | PIN         | L=70               |                | スタイルピン           |      |
| PN501     | V3750200 | PIN         | L=70               |                | スタイルピン           |      |

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P.C.B. FUNCTION

| Schm Ref. | PART NO. | Description | Remarks           | Markets        | 部 品 名       | Rank |
|-----------|----------|-------------|-------------------|----------------|-------------|------|
| Q302      | VP872700 | TR          | 2SC4488 S, T      |                | トランジスタ      | 01   |
| Q303      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q304      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q305      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q306      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q307      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q308      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q441      | VV556400 | TR          | 2SC2412K Q, R, S  |                | トランジスタ      | 01   |
| Q443      | VV556500 | TR          | 2SA1037K Q, R, S  |                | トランジスタ      | 01   |
| Q444      | VV556500 | TR          | 2SA1037K Q, R, S  |                | トランジスタ      | 01   |
| Q445      | VV556500 | TR          | 2SA1037K Q, R, S  |                | トランジスタ      | 01   |
| Q446      | VV556500 | TR          | 2SA1037K Q, R, S  |                | トランジスタ      | 01   |
| Q447      | VV556400 | TR          | 2SC2412K Q, R, S  |                | トランジスタ      | 01   |
| Q501      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q502      | VD303700 | TR          | 2SC3326 A, B      |                | トランジスタ      | 01   |
| Q571      | iC1815IO | TR          | 2SC1815 Y         | except AX630SE | トランジスタ      | 01   |
| Q572      | iC174020 | TR          | 2SC1740S R, S     | except AX630SE | トランジスタ      | 01   |
| Q801      | iC1815IO | TR          | 2SC1815 Y         | V730, V730RDS  | トランジスタ      | 01   |
| Q802      | iC287820 | TR          | 2SC2878 A, B      | V730, V730RDS  | トランジスタ      | 01   |
| Q803      | iC1815IO | TR          | 2SC1815 Y         | V730, V730RDS  | トランジスタ      | 01   |
| Q804      | VD678700 | TR, DGT     | DTC114ES          | V730, V730RDS  | デジタルトランジスタ  | 01   |
| Q805      | iC287820 | TR          | 2SC2878 A, B      | V730, V730RDS  | トランジスタ      | 01   |
| Q806      | iC1815IO | TR          | 2SC1815 Y         | V730, V730RDS  | トランジスタ      | 01   |
| Q807      | iC053540 | TR          | 2SC535 A, B, C    | V730, V730RDS  | トランジスタ      | 01   |
| Q808      | iA1015IO | TR          | 2SA1015 Y         | V730, V730RDS  | トランジスタ      | 01   |
| Q809      | iC224030 | TR          | 2SC2240 GR, BL    | V730, V730RDS  | トランジスタ      | 01   |
| R332      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R333      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R336      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R337      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R366      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R367      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R370      | HV753470 | R. CAR. FP  | 4.7Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R398      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R399      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R400      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R401      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R518      | HV755100 | R. CAR. FP  | 100Ω 1/4W         | V730, V730RDS  | 不燃化カーボン抵抗   | 01   |
| R519      | HV755100 | R. CAR. FP  | 100Ω 1/4W         | V730, V730RDS  | 不燃化カーボン抵抗   | 01   |
| R548      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R549      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         |                | 不燃化カーボン抵抗   | 01   |
| R581      | HV753220 | R. CAR. FP  | 2.2Ω 1/4W         | V730, V730RDS  | 不燃化カーボン抵抗   | 01   |
| R874      | V8070700 | R. MTL. FLM | 47Ω 1W            |                | 金属被膜抵抗      |      |
| ST441     | V4040500 | SCR. TERM   | M3                |                | スクリュー/ターミナル | 01   |
| ST571     | V4040500 | SCR. TERM   | M3                |                | スクリュー/ターミナル | 01   |
| SW571     | V3624300 | SW. SLIDE   | SS029-P022MJB-PA6 | except AX630SE | スライドSW      |      |
| XL441     | V7718300 | RSNR. CE    | CSTLS10M0G53-B0   |                | セラミック振動子    | 02   |
| XL571     | V3930900 | RSNR. CRYs  | 4.332MHz          | except AX630SE | 水晶振動子       | 05   |
| XL801     | VV949800 | RSNR. CRYs  | 14.31818MHz       |                | 水晶振動子       | 03   |
| XL801     | VV949900 | RSNR. CRYs  | 17.734475MHz      |                | 水晶振動子       | 03   |

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\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. OPERATION

| Schm Ref. | PART NO. | Description   | Remarks        | Markets          | 部 品 名    | Rank          |
|-----------|----------|---------------|----------------|------------------|----------|---------------|
|           | V8705000 | P. C. B.      | OPERATION      | V730, V630, 5560 | JUCRTKAL | P C B オペレーション |
|           | V8705100 | P. C. B.      | OPERATION      | V730, V630, 5560 | BG       | P C B オペレーション |
|           | V8706200 | P. C. B.      | OPERATION      | AX630SE          | BG       | P C B オペレーション |
| CB703     | VN394900 | CN. BS. PIN   | 14P            |                  |          | F F C コネクター   |
| CB704     | Vi878000 | CN. BS. PIN   | 2P             |                  |          | ケーブルホルダー      |
| CB705     | Vi878100 | CN. BS. PIN   | 3P             |                  |          | ケーブルホルダー      |
| CB741     | Vi878700 | CN. BS. PIN   | 9P             |                  |          | ケーブルホルダー      |
| CB781     | Vi878000 | CN. BS. PIN   | 2P             |                  |          | ケーブルホルダー      |
| CB786     | Vi878100 | CN. BS. PIN   | 3P             |                  |          | ケーブルホルダー      |
| CB791     | VB858200 | CN. BS. PIN   | 3P             |                  |          | ベースピン         |
| CB792     | VQ044300 | CN. BS. PIN   | 7P             |                  |          | F F C コネクター   |
| C701      | US062680 | C. CE. M. CHP | 680pF 50V      |                  |          | チップセラコン       |
| C702      | US062680 | C. CE. M. CHP | 680pF 50V      |                  |          | チップセラコン       |
| C703      | UR837100 | C. EL         | 10uF 16V       |                  |          | ケミコン          |
| C704      | US061330 | C. CE. M. CHP | 33pF 50V       |                  |          | チップセラコン       |
| C705      | US135100 | C. CE. CHP    | 0. 1uF 16V     |                  |          | チップセラコン       |
| C730      | US062100 | C. CE. M. CHP | 100pF 50V      |                  |          | チップセラコン       |
| C731      | US062100 | C. CE. M. CHP | 100pF 50V      |                  |          | チップセラコン       |
| C732      | US062100 | C. CE. M. CHP | 100pF 50V      |                  |          | チップセラコン       |
| C733      | US135100 | C. CE. CHP    | 0. 1uF 16V     |                  |          | チップセラコン       |
| C734      | US135100 | C. CE. CHP    | 0. 1uF 16V     |                  |          | チップセラコン       |
| C741      | VG287800 | C. EL         | 330uF 16V      |                  |          | ケミコン          |
| C742      | VG287800 | C. EL         | 330uF 16V      |                  |          | ケミコン          |
| C743      | UU166100 | C. EL         | 1uF 50V        |                  |          | ケミコン          |
| C744      | UU166100 | C. EL         | 1uF 50V        |                  |          | ケミコン          |
| C745      | UU166220 | C. EL         | 2. 2uF 50V     |                  |          | ケミコン          |
| C746      | UU166220 | C. EL         | 2. 2uF 50V     |                  |          | ケミコン          |
| C747      | UT652100 | C. PP         | 100pF 100V     |                  |          | P P コン        |
| C748      | UT652100 | C. PP         | 100pF 100V     |                  |          | P P コン        |
| C749      | UU137470 | C. EL         | 47uF 16V       |                  |          | ケミコン          |
| C750      | UU137470 | C. EL         | 47uF 16V       |                  |          | ケミコン          |
| C751      | UA655120 | C. MYLAR      | 0. 12uF 50V    |                  |          | マイラーコン        |
| C752      | UA655120 | C. MYLAR      | 0. 12uF 50V    |                  |          | マイラーコン        |
| C753      | UA654330 | C. MYLAR      | 0. 033uF 50V   |                  |          | マイラーコン        |
| C754      | UA654330 | C. MYLAR      | 0. 033uF 50V   |                  |          | マイラーコン        |
| C755      | UU137220 | C. EL         | 22uF 16V       |                  |          | ケミコン          |
| C756      | UU137220 | C. EL         | 22uF 16V       |                  |          | ケミコン          |
| C757      | UU147100 | C. EL         | 10uF 25V       |                  |          | ケミコン          |
| C758      | UU147100 | C. EL         | 10uF 25V       |                  |          | ケミコン          |
| C791      | US135100 | C. CE. CHP    | 0. 1uF 16V     |                  |          | チップセラコン       |
| C794      | US135100 | C. CE. CHP    | 0. 1uF 16V     |                  |          | チップセラコン       |
| C795      | US062100 | C. CE. M. CHP | 100pF 50V      |                  |          | チップセラコン       |
| C796      | US062100 | C. CE. M. CHP | 100pF 50V      |                  |          | チップセラコン       |
| C797      | US135100 | C. CE. CHP    | 0. 1uF 16V     |                  |          | チップセラコン       |
| C798      | UR837470 | C. EL         | 47uF 16V       |                  |          | ケミコン          |
| D701      | VU172300 | DIODE. ZENR   | UDZ7. 5B 7. 5V |                  |          | ツェナーダイオード     |
| D791      | VT332900 | DIODE         | 1SS355         |                  |          | ダイオード         |
| D792      | VT332900 | DIODE         | 1SS355         |                  |          | ダイオード         |
| D793      | VT332900 | DIODE         | 1SS355         |                  |          | ダイオード         |
| D794      | VT332900 | DIODE         | 1SS355         |                  |          | ダイオード         |
| IC701     | XV160A00 | IC            | LC75712E FLD   |                  |          | ロジック I C フラット |
| IC741     | XF291A00 | IC            | uPC4570G2      |                  |          | I C           |
| IC742     | XF291A00 | IC            | uPC4570G2      |                  |          | I C           |

\* New Parts \* 新規部品 (マーク#の部品は、基板に含まれません)

P.C.B. OPERATION & P.C.B. DSP

| Schm Ref. | PART NO. | Description  | Remarks          | Markets           | 部 品 名       | Rank |
|-----------|----------|--------------|------------------|-------------------|-------------|------|
| JK791     | V2589500 | CN           | 1P               |                   | ミニD I Nコネクタ | 02   |
| L791      | V2726500 | COIL         | 68uH             |                   | コイル         | 01   |
| PJ791     | V7190100 | JACK. PIN    | 3P               |                   | ピンジャック 3 P  |      |
| PN701     | V3750200 | PIN          | L=70             |                   | スタイルピン      |      |
| PN791     | V3750100 | PIN          | L=50             |                   | スタイルピン      |      |
| Q701      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q702      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q703      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q704      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q705      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q706      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q707      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q708      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q709      | VV900500 | TR           | 2SD1991A Q, R, S |                   | トランジスタ      | 01   |
| Q791      | VV556400 | TR           | 2SC2412K Q, R, S |                   | トランジスタ      | 01   |
| Q792      | VV556500 | TR           | 2SA1037K Q, R, S |                   | トランジスタ      | 01   |
| R741      | V8070300 | R. MTL. FLM  | 10Ω 1W           |                   | 金属被膜抵抗      |      |
| R742      | V8070300 | R. MTL. FLM  | 10Ω 1W           |                   | 金属被膜抵抗      |      |
| ST791     | VN008600 | SCR. TERM    | 8.3x13           |                   | ネジ端子        | 01   |
| ST792     | VN008600 | SCR. TERM    | 8.3x13           |                   | ネジ端子        | 01   |
| SW701     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW702     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW703     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW704     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW705     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW706     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW707     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE    | タクト SW      | 01   |
| SW708     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE    | タクト SW      | 01   |
| SW709     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE    | タクト SW      | 01   |
| SW710     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE    | タクト SW      | 01   |
| SW711     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE BG | タクト SW      | 01   |
| SW712     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE BG | タクト SW      | 01   |
| SW713     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE BG | タクト SW      | 01   |
| SW714     | VV020300 | SW. TACT     | SKQNAA           | except AX630SE BG | タクト SW      | 01   |
| SW715     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW716     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW717     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW718     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| SW719     | V6322700 | SW. RT. ENC  | REB161 (9X7) PVB |                   | ロータリーエンコーダ  | 04   |
| SW781     | VV020300 | SW. TACT     | SKQNAA           |                   | タクト SW      | 01   |
| U701      | V8444900 | L. DTCT      | GP1UM271XK       |                   | リモコン受光ユニット  |      |
| U791      | V7680700 | CN. PHOT. SN | 1P GP1FA512RZ    |                   | 光ファイバ受信器    | 04   |
| V701      | V8270900 | FL. DSPLY    | 16-BT-94GNK      |                   | 蛍光表示管       |      |
| VR741     | VP741800 | VR           | B20KΩ            |                   | 二連ロータリーVR   | 02   |
| VR742     | VP741900 | VR           | G25KΩ            |                   | 二連ロータリーVR   | 02   |
|           | V6880300 | SHEET        |                  |                   | シート/FL      |      |
|           | V6007100 | SPACER. FL   | 4.6/10/32        |                   | スペーサ FL     |      |
|           | V8701500 | P. C. B.     | DSP              |                   | P C B D S P |      |
|           | V8701600 | P. C. B.     | DSP              | J UCRTKALBG       | P C B D S P |      |
| CB602     | VQ046400 | CN. BS. PIN  | 35P SE           |                   | F F Cコネクター  | 01   |

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\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. DSP

| Schm Ref. | PART NO. | Description   | Remarks     | Markets | 部 品 名   | Rank |
|-----------|----------|---------------|-------------|---------|---------|------|
| C600      | US061220 | C. CE. M. CHP | 22pF 50V    |         | チップセラコン | 01   |
| C601      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C602      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C603      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C604      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C605      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C606      | UR847220 | C. EL         | 22uF 25V    |         | ケミコン    | 01   |
| C607      | UR819100 | C. EL         | 1000uF 6.3V |         | ケミコン    | 01   |
| C608      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C609      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C610      | US061100 | C. CE. M. CHP | 10pF 50V    |         | チップセラコン | 01   |
| C611      | US135100 | C. CE. CHP    | 0.1uF 16V   | J       | チップセラコン | 01   |
| C612      | UR818100 | C. EL         | 100uF 6.3V  | J       | ケミコン    | 01   |
| C613      | US062220 | C. CE. CHP    | 220pF 50V   |         | チップセラコン | 01   |
| C614      | US063100 | C. CE. M. CHP | 1000pF 50V  |         | チップセラコン | 01   |
| C615      | US044220 | C. CE. M. CHP | 0.022uF 25V |         | チップセラコン | 01   |
| C616      | UR818100 | C. EL         | 100uF 6.3V  | J       | ケミコン    | 01   |
| C617      | UR818100 | C. EL         | 100uF 6.3V  | J       | ケミコン    | 01   |
| C618      | US061330 | C. CE. M. CHP | 33pF 50V    |         | チップセラコン | 01   |
| C619      | US135100 | C. CE. CHP    | 0.1uF 16V   | J       | チップセラコン | 01   |
| C620      | US062100 | C. CE. M. CHP | 100pF 50V   | J       | チップセラコン | 01   |
| C621      | US135100 | C. CE. CHP    | 0.1uF 16V   | J       | チップセラコン | 01   |
| C622      | UR819100 | C. EL         | 1000uF 6.3V |         | ケミコン    | 01   |
| C623      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C626      | US063100 | C. CE. M. CHP | 1000pF 50V  |         | チップセラコン | 01   |
| C627      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C628      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C629      | US061100 | C. CE. M. CHP | 10pF 50V    |         | チップセラコン | 01   |
| C630      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C631      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C632      | UR819100 | C. EL         | 1000uF 6.3V |         | ケミコン    | 01   |
| C633      | UR818100 | C. EL         | 100uF 6.3V  | J       | ケミコン    | 01   |
| C634      | UR819100 | C. EL         | 1000uF 6.3V |         | ケミコン    | 01   |
| C635      | US135100 | C. CE. CHP    | 0.1uF 16V   | J       | チップセラコン | 01   |
| C636      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C637      | UR818100 | C. EL         | 100uF 6.3V  |         | ケミコン    | 01   |
| C638      | UR819100 | C. EL         | 1000uF 6.3V |         | ケミコン    | 01   |
| C639      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C640      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C641      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C642      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C643      | UR818470 | C. EL         | 470uF 6.3V  |         | ケミコン    | 01   |
| C644      | UR818100 | C. EL         | 100uF 6.3V  |         | ケミコン    | 01   |
| C645      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C646      | US061330 | C. CE. M. CHP | 33pF 50V    |         | チップセラコン | 01   |
| C647      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C648      | US061330 | C. CE. M. CHP | 33pF 50V    |         | チップセラコン | 01   |
| C649      | US135100 | C. CE. CHP    | 0.1uF 16V   |         | チップセラコン | 01   |
| C650      | UR818470 | C. EL         | 470uF 6.3V  |         | ケミコン    | 01   |
| C651      | US062470 | C. CE. M. CHP | 470pF 50V   |         | チップセラコン | 01   |
| C652      | US135100 | C. CE. CHP    | 0.1uF 16V   | J       | チップセラコン | 01   |
| C653      | UR818100 | C. EL         | 100uF 6.3V  | J       | ケミコン    | 01   |
| C654      | US061470 | C. CE. M. CHP | 47pF 50V    |         | チップセラコン | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. DSP

| Schm Ref. | PART NO. | Description              | Remarks | Markets | 部 品 名   | Rank |
|-----------|----------|--------------------------|---------|---------|---------|------|
| C656      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C657      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C658      | US061470 | C. CE. M. CHP 47pF 50V   |         | J       | チップセラコン | 01   |
| C660      | US135100 | C. CE. CHP 0.1uF 16V     |         | J       | チップセラコン | 01   |
| C661      | US061470 | C. CE. M. CHP 47pF 50V   |         | J       | チップセラコン | 01   |
| C663      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C664      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C665      | UR818100 | C. EL 100uF 6.3V         |         |         | ケミコン    | 01   |
| C666      | US061470 | C. CE. M. CHP 47pF 50V   |         | J       | チップセラコン | 01   |
| C667      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C668      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C669      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C670      | US063470 | C. CE. CHP 4700pF 50V    |         |         | チップセラコン | 01   |
| C671      | US135100 | C. CE. CHP 0.1uF 16V     |         | J       | チップセラコン | 01   |
| C672      | US135100 | C. CE. CHP 0.1uF 16V     |         | J       | チップセラコン | 01   |
| C673      | UR818100 | C. EL 100uF 6.3V         |         | J       | ケミコン    | 01   |
| C674      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C675      | UR818100 | C. EL 100uF 6.3V         |         | J       | ケミコン    | 01   |
| C676      | UR818100 | C. EL 100uF 6.3V         |         | J       | ケミコン    | 01   |
| C677      | US135100 | C. CE. CHP 0.1uF 16V     |         | J       | チップセラコン | 01   |
| C678      | US063470 | C. CE. CHP 4700pF 50V    |         |         | チップセラコン | 01   |
| C679      | UR818100 | C. EL 100uF 6.3V         |         |         | ケミコン    | 01   |
| C680      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C681      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C682      | US135100 | C. CE. CHP 0.1uF 16V     |         | J       | チップセラコン | 01   |
| C683      | US135100 | C. CE. CHP 0.1uF 16V     |         | J       | チップセラコン | 01   |
| C684      | UR817470 | C. EL 47uF 6.3V          |         | J       | ケミコン    | 01   |
| C685      | UR866220 | C. EL 2.2uF 50V          |         | J       | ケミコン    | 01   |
| C686      | UR818100 | C. EL 100uF 6.3V         |         | J       | ケミコン    | 01   |
| C687      | UR818100 | C. EL 100uF 6.3V         |         | J       | ケミコン    | 01   |
| C688      | UR818100 | C. EL 100uF 6.3V         |         |         | ケミコン    | 01   |
| C689      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C690      | UR819100 | C. EL 1000uF 6.3V        |         |         | ケミコン    | 01   |
| C691      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C692      | US064100 | C. CE. M. CHP 0.01uF 50V |         | J       | チップセラコン | 01   |
| C693      | US062470 | C. CE. M. CHP 470pF 50V  |         | J       | チップセラコン | 01   |
| C694      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C695      | UR819100 | C. EL 1000uF 6.3V        |         |         | ケミコン    | 01   |
| C696      | US135100 | C. CE. CHP 0.1uF 16V     |         | J       | チップセラコン | 01   |
| C697      | UR818100 | C. EL 100uF 6.3V         |         | J       | ケミコン    | 01   |
| C698      | US135100 | C. CE. CHP 0.1uF 16V     |         |         | チップセラコン | 01   |
| C699      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C700      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C701      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C702      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C703      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C704      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C705      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C706      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C707      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C708      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C709      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |
| C710      | US061470 | C. CE. M. CHP 47pF 50V   |         |         | チップセラコン | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. DSP

| Schm<br>Ref. | PART NO. |            | Description |       | Remarks | Markets | 部 品 名   | Rank |
|--------------|----------|------------|-------------|-------|---------|---------|---------|------|
| C711         | US135100 | C. CE. CHP | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C712         | US135100 | C. CE. CHP | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C713         | US135100 | C. CE. CHP | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C714         | US135100 | C. CE. CHP | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C715         | UU118100 | C. EL      | 100uF       | 6. 3V |         |         | ケミコン    | 01   |
| C716         | UU118100 | C. EL      | 100uF       | 6. 3V |         |         | ケミコン    | 01   |
| C717         | US135100 | C. CE. CHP | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C718         | US135100 | C. CE. CHP | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C719         | US135100 | C. CE. CHP | 0. 1uF      | 16V   |         |         | チップセラコン | 01   |
| C720         | UU166220 | C. EL      | 2. 2uF      | 50V   |         |         | ケミコン    | 01   |
| C721         | UU128100 | C. EL      | 100uF       | 10V   |         |         | ケミコン    | 01   |
| C724         | UU137220 | C. EL      | 22uF        | 16V   |         |         | ケミコン    | 01   |
| C725         | UU137220 | C. EL      | 22uF        | 16V   |         |         | ケミコン    | 01   |
| C726         | UU137220 | C. EL      | 22uF        | 16V   |         |         | ケミコン    | 01   |
| C727         | UU137220 | C. EL      | 22uF        | 16V   |         |         | ケミコン    | 01   |
| C728         | UU137220 | C. EL      | 22uF        | 16V   |         |         | ケミコン    | 01   |
| C729         | UU137220 | C. EL      | 22uF        | 16V   |         |         | ケミコン    | 01   |
| C730         | UA653150 | C. MYLAR   | 1500pF      | 50V   |         |         | マイラーコン  | 01   |
| C731         | UA653150 | C. MYLAR   | 1500pF      | 50V   |         |         | マイラーコン  | 01   |
| C732         | Vi715300 | C. MYLAR   | 680pF       | 50V   |         |         | マイラーコン  |      |
| C733         | Vi715300 | C. MYLAR   | 680pF       | 50V   |         |         | マイラーコン  |      |
| C734         | Vi715300 | C. MYLAR   | 680pF       | 50V   |         |         | マイラーコン  |      |
| C736         | UA652100 | C. MYLAR   | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C737         | UA652100 | C. MYLAR   | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C738         | UA652150 | C. MYLAR   | 150pF       | 50V   |         |         | マイラーコン  | 01   |
| C739         | UA652150 | C. MYLAR   | 150pF       | 50V   |         |         | マイラーコン  | 01   |
| C740         | UA652150 | C. MYLAR   | 150pF       | 50V   |         |         | マイラーコン  | 01   |
| C742         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C743         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C744         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C745         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C746         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C747         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C748         | UA652150 | C. MYLAR   | 150pF       | 50V   |         |         | マイラーコン  | 01   |
| C749         | UA652150 | C. MYLAR   | 150pF       | 50V   |         |         | マイラーコン  | 01   |
| C750         | UA652150 | C. MYLAR   | 150pF       | 50V   |         |         | マイラーコン  | 01   |
| C753         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C754         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C755         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C756         | UA652100 | C. MYLAR   | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C757         | UA652100 | C. MYLAR   | 100pF       | 50V   |         |         | マイラーコン  | 01   |
| C758         | Vi715100 | C. MYLAR   | 470pF       | 50V   |         |         | マイラーコン  | 01   |
| C759         | Vi715100 | C. MYLAR   | 470pF       | 50V   |         |         | マイラーコン  | 01   |
| C760         | Vi715100 | C. MYLAR   | 470pF       | 50V   |         |         | マイラーコン  | 01   |
| C761         | Vi715100 | C. MYLAR   | 470pF       | 50V   |         |         | マイラーコン  | 01   |
| C762         | Vi715100 | C. MYLAR   | 470pF       | 50V   |         |         | マイラーコン  | 01   |
| C763         | Vi715100 | C. MYLAR   | 470pF       | 50V   |         |         | マイラーコン  | 01   |
| C764         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C765         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C766         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C767         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C768         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |
| C769         | UU147100 | C. EL      | 10uF        | 25V   |         |         | ケミコン    | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. DSP

| Schm Ref. | PART NO. | Description            | Remarks | Markets   | 部 品 名       | Rank |
|-----------|----------|------------------------|---------|-----------|-------------|------|
| C770      | UU147100 | C.EL 10uF 25V          |         |           | ケミコン        | 01   |
| C771      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C772      | UU137220 | C.EL 22uF 16V          |         |           | ケミコン        | 01   |
| C773      | UU137220 | C.EL 22uF 16V          |         |           | ケミコン        | 01   |
| C774      | UU137470 | C.EL 47uF 16V          |         |           | ケミコン        | 01   |
| C775      | UU137470 | C.EL 47uF 16V          |         |           | ケミコン        | 01   |
| C776      | UU137470 | C.EL 47uF 16V          |         |           | ケミコン        | 01   |
| C777      | UU137470 | C.EL 47uF 16V          |         |           | ケミコン        | 01   |
| C778      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C779      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C780      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C781      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C782      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C790      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C791      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C792      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C793      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C794      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| C795      | US135100 | C.CE. CHP 0.1uF 16V    |         |           | チップセラコン     | 01   |
| D600      | VT332900 | DIODE 1SS355           |         |           | ダイオード       | 01   |
| D601      | VT332900 | DIODE 1SS355           |         |           | ダイオード       | 01   |
| D602      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D603      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D604      | VT332900 | DIODE 1SS355           |         |           | ダイオード       | 01   |
| D605      | VT332900 | DIODE 1SS355           |         |           | ダイオード       | 01   |
| D606      | VT332900 | DIODE 1SS355           |         |           | ダイオード       | 01   |
| D607      | VT332900 | DIODE 1SS355           |         |           | ダイオード       | 01   |
| D608      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D609      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D610      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D611      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D612      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D613      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D614      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| D615      | VV220700 | DIODE. SHOT RB501V-40  |         |           | ショットキーダイオード | 01   |
| G601      | V8880000 | TERM. GND M3.5 RJP9899 |         |           | アース端子       |      |
| G602      | V8880000 | TERM. GND M3.5 RJP9899 |         |           | アース端子       |      |
| G603      | V8880000 | TERM. GND M3.5 RJP9899 |         |           | アース端子       |      |
| * IC600   | X0238B00 | IC YSS938              |         |           | IC          |      |
| IC601     | XV077A00 | IC MSM514260C-60JS     |         |           | メモリ IC 4M   | 07   |
| IC602     | XZ003A00 | IC PQ025EZ5MZP 2.5V    |         |           | 電源 IC QFP   | 03   |
| IC603     | XU965A00 | IC uPC29M33T-E1 3.3V   |         |           | 電源 IC       | 03   |
| IC604     | X0202A00 | IC CS493292-CLR        |         | J         | IC          |      |
| IC605     | XR038A00 | IC NJM2904M OP AMP     |         |           | IC          | 01   |
| IC606     | XY120A00 | IC TC74HCT00AF(EL) NA  |         |           | ロジック IC SOP | 01   |
| IC607     | XD660A00 | IC TC74HCU04AF-TP1     |         |           | IC          | 01   |
| IC608     | XW433A00 | IC CY62256LL-70SNCT    |         | J         | メモリ IC 256K | 05   |
| IC609     | X0318C00 | IC XC9572XL-10TQ100C   |         | J         | IC          | 08   |
| IC610     | XZ012A00 | IC TC74HCT08AF(EL)     |         |           | ロジック IC SOP | 01   |
| IC611     | X0661A00 | IC AK4382AVT           |         |           | IC          |      |
| IC612     | XY120A00 | IC TC74HCT00AF(EL) NA  |         | UCRTKALBG | ロジック IC SOP | 01   |
| IC613     | X0661A00 | IC AK4382AVT           |         |           | IC          |      |
| IC614     | X0237A00 | IC AK4527BVQ           |         |           | IC          |      |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

**P.C.B. DSP & P.C.B. MAIN**

| Schm Ref. | PART NO. | Description  |                   | Remarks | Markets | 部 品 名       | Rank |
|-----------|----------|--------------|-------------------|---------|---------|-------------|------|
| IC615     | XF291A00 | IC           | uPC4570G2         |         |         | I C         | 03   |
| IC616     | XF291A00 | IC           | uPC4570G2         |         |         | I C         | 03   |
| IC617     | XF291A00 | IC           | uPC4570G2         |         |         | I C         | 03   |
| IC618     | XF291A00 | IC           | uPC4570G2         |         |         | I C         | 03   |
| IC619     | XF291A00 | IC           | uPC4570G2         |         |         | I C         | 03   |
| IC620     | XF291A00 | IC           | uPC4570G2         |         |         | I C         | 03   |
| IC621     | XF291A00 | IC           | uPC4570G2         |         |         | I C         | 03   |
| L600      | V2726500 | COIL         | 68uH              |         |         | コイル         | 01   |
| L601      | V2726500 | COIL         | 68uH              |         |         | コイル         | 01   |
| L602      | V2726500 | COIL         | 68uH              |         |         | コイル         | 01   |
| PJ600     | V4483900 | JACK. PIN    | YKC21-3895        |         |         | ピンジャック 1 P  |      |
| Q601      | VC124000 | TR. DGT      | DTA144EK          |         |         | デジタルトランジスタ  | 03   |
| Q602      | VD303700 | TR           | 2SC3326 A, B      |         |         | トランジスタ      | 01   |
| Q603      | VD303700 | TR           | 2SC3326 A, B      |         |         | トランジスタ      | 01   |
| Q604      | VD303700 | TR           | 2SC3326 A, B      |         |         | トランジスタ      | 01   |
| R613      | HV753220 | R. CAR. FP   | 2. 2Ω 1/4W        |         |         | 不燃化カーボン抵抗   | 01   |
| R648      | HV753220 | R. CAR. FP   | 2. 2Ω 1/4W        |         |         | 不燃化カーボン抵抗   | 01   |
| R661      | HV753220 | R. CAR. FP   | 2. 2Ω 1/4W        |         |         | 不燃化カーボン抵抗   | 01   |
| R684      | HV753220 | R. CAR. FP   | 2. 2Ω 1/4W        |         |         | 不燃化カーボン抵抗   | 01   |
| R692      | HV753100 | R. CAR. FP   | 1Ω 1/4W           |         |         | 不燃化カーボン抵抗   | 01   |
| R693      | HV753100 | R. CAR. FP   | 1Ω 1/4W           |         |         | 不燃化カーボン抵抗   | 01   |
| R694      | VU224000 | R. MTL. FLM  | 0. 22Ω 1W         |         |         | 金属被膜抵抗      | 01   |
| R695      | VU224000 | R. MTL. FLM  | 0. 22Ω 1W         |         |         | 金属被膜抵抗      | 01   |
| R696      | VU224000 | R. MTL. FLM  | 0. 22Ω 1W         |         |         | 金属被膜抵抗      | 01   |
| R717      | HV753220 | R. CAR. FP   | 2. 2Ω 1/4W        |         |         | 不燃化カーボン抵抗   | 01   |
| R730      | HV753220 | R. CAR. FP   | 2. 2Ω 1/4W        |         |         | 不燃化カーボン抵抗   | 01   |
| R777      | HV753220 | R. CAR. FP   | 2. 2Ω 1/4W        |         |         | 不燃化カーボン抵抗   | 01   |
| U600      | V6022800 | CN. FBRLINK  | 1P GP1FA551TZ     |         |         | 光ファイバデータリンク | 03   |
| U601      | V5478200 | CN. PHOT. SN | 1P GP1FA551RZ     |         |         | 光ファイバ受信器    | 06   |
| U602      | V5478200 | CN. PHOT. SN | 1P GP1FA551RZ     |         |         | 光ファイバ受信器    | 06   |
| U603      | V5478200 | CN. PHOT. SN | 1P GP1FA551RZ     |         |         | 光ファイバ受信器    | 06   |
| XL600     | V3625700 | RSNR. CRYST  | 24. 576MHz        |         |         | 水晶振動子       | 03   |
|           | V8700000 | P. C. B.     | MAIN              |         | J       | P C B メイン   |      |
|           | V8700100 | P. C. B.     | MAIN              |         | UC      | P C B メイン   |      |
|           | V8700200 | P. C. B.     | MAIN              |         | RTKA    | P C B メイン   |      |
|           | V8700300 | P. C. B.     | MAIN              |         | BG      | P C B メイン   |      |
|           | V8700400 | P. C. B.     | MAIN              |         | L       | P C B メイン   |      |
| CB101     | V7826600 | CN           | 16P TE TUC SERIES |         |         | コネクタープラグ    | 01   |
| CB102     | V7826300 | CN           | 13P TE TUC SERIES |         |         | コネクタープラグ    |      |
| CB103     | Vi878200 | CN. BS. PIN  | 4P                |         |         | ケーブルホルダー    | 01   |
| CB104     | Vi878500 | CN. BS. PIN  | 7P                |         |         | ケーブルホルダー    | 01   |
| CB105     | VR428800 | CN. BS. PIN  | 3P                |         |         | ケーブルホルダー    | 01   |
| CB107     | VB389800 | CN. BS. PIN  | 2P                |         | RTKABGL | ベースピン       | 01   |
| CB108     | LB918050 | CN. BS. PIN  | 5P                |         |         | ベース付ポスト     | 01   |
| CB109     | VB390200 | CN. BS. PIN  | 6P                |         |         | コネクタベースポスト  | 01   |
| CB110     | VR428800 | CN. BS. PIN  | 3P                |         |         | ケーブルホルダー    | 01   |
| CB111     | VB390000 | CN. BS. PIN  | 4P                |         |         | ベースピン       | 01   |
| CB251     | V7828300 | SOCKET       | 16P TE TUC SERIES |         |         | コネクターソケット   | 01   |
| CB252     | V7828000 | SOCKET       | 13P TE TUC SERIES |         |         | コネクターソケット   |      |
| CB253     | VQ046500 | CN. BS. PIN  | 36P SE            |         |         | F F Cコネクター  | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. MAIN

| Schm Ref. | PART NO. | Description  | Remarks          | Markets | 部 品 名    | Rank |
|-----------|----------|--------------|------------------|---------|----------|------|
| CB254     | Vi878700 | CN. BS. PIN  | 9P               |         | ケーブルホルダー | 01   |
| CB331     | VR428900 | CN. BS. PIN  | 4P               |         | ケーブルホルダー | 01   |
| CB341     | VR428900 | CN. BS. PIN  | 4P               |         | ケーブルホルダー | 01   |
| CB351     | VR428800 | CN. BS. PIN  | 3P               |         | ケーブルホルダー | 01   |
| CB352     | VQ584700 | CN. BS. PIN  | 5P               |         | ケーブルホルダー | 01   |
| CB353     | VR428800 | CN. BS. PIN  | 3P               |         | ケーブルホルダー | 01   |
| CB371     | Vi878200 | CN. BS. PIN  | 4P               |         | ケーブルホルダー | 01   |
| CB381     | VK025100 | CN. BS. PIN  | 7P               |         | ワイヤートラップ | 01   |
| CB382     | VK024700 | CN. BS. PIN  | 3P               |         | ワイヤートラップ | 01   |
| CB384     | VQ585200 | CN. BS. PIN  | 10P              |         | ケーブルホルダー |      |
| CB385     | VQ585200 | CN. BS. PIN  | 10P              |         | ケーブルホルダー |      |
| CB386     | VQ584700 | CN. BS. PIN  | 5P               |         | ケーブルホルダー | 01   |
| CB401     | Vi878700 | CN. BS. PIN  | 9P               |         | ケーブルホルダー | 01   |
| CB402     | V7825600 | CN           | 6P TE TUC SERIES |         | コネクタープラグ |      |
| C101      | VG291200 | C. EL        | 47uF 50V         |         | ケミコン     | 01   |
| * C102    | V8584500 | C. PP        | 100pF 630V       | JBGL    | P P コン   |      |
|           | VR325000 | C. MYLAR     | 100pF 100V       | UCRTKA  | マイラーコン   | 01   |
| C103      | VG288800 | C. EL        | 47uF 25V         |         | ケミコン     | 01   |
| * C104    | V8584500 | C. PP        | 100pF 630V       | JBGL    | P P コン   |      |
|           | VR325000 | C. MYLAR     | 100pF 100V       | UCRTKA  | マイラーコン   | 01   |
| C105      | VK399200 | C. MYLAR. ML | 0.39uF 50V       |         | 積層マイラーコン | 01   |
| C106      | UA354680 | C. MYLAR     | 0.068uF 50V      |         | マイラーコン   | 01   |
| C107      | VG291200 | C. EL        | 47uF 50V         |         | ケミコン     | 01   |
| * C108    | V8584500 | C. PP        | 100pF 630V       | JBGL    | P P コン   |      |
|           | VR325000 | C. MYLAR     | 100pF 100V       | UCRTKA  | マイラーコン   | 01   |
| C109      | VG288800 | C. EL        | 47uF 25V         |         | ケミコン     | 01   |
| * C110    | V8584500 | C. PP        | 100pF 630V       | JBGL    | P P コン   |      |
|           | VR325000 | C. MYLAR     | 100pF 100V       | UCRTKA  | マイラーコン   | 01   |
| C111      | VK399200 | C. MYLAR. ML | 0.39uF 50V       |         | 積層マイラーコン | 01   |
| C112      | UA354680 | C. MYLAR     | 0.068uF 50V      |         | マイラーコン   | 01   |
| C113      | VG291200 | C. EL        | 47uF 50V         |         | ケミコン     | 01   |
| C114      | VR325000 | C. MYLAR     | 100pF 100V       |         | マイラーコン   | 01   |
| C115      | VG287500 | C. EL        | 47uF 50V         |         | ケミコン     | 01   |
| C116      | VR325000 | C. MYLAR     | 100pF 100V       |         | マイラーコン   | 01   |
| C117      | UA354680 | C. MYLAR     | 0.068uF 50V      |         | マイラーコン   | 01   |
| C118      | VG291200 | C. EL        | 47uF 50V         |         | ケミコン     | 01   |
| C119      | VR325000 | C. MYLAR     | 100pF 100V       |         | マイラーコン   | 01   |
| C120      | VG287500 | C. EL        | 47uF 50V         |         | ケミコン     | 01   |
| C121      | VR325000 | C. MYLAR     | 100pF 100V       |         | マイラーコン   | 01   |
| C122      | UA354680 | C. MYLAR     | 0.068uF 50V      |         | マイラーコン   | 01   |
| C123      | VG291200 | C. EL        | 47uF 50V         |         | ケミコン     | 01   |
| * C124    | V8584500 | C. PP        | 100pF 630V       | JBGL    | P P コン   |      |
|           | VR325000 | C. MYLAR     | 100pF 100V       | UCRTKA  | マイラーコン   | 01   |
| C125      | UU137470 | C. EL        | 47uF 16V         |         | ケミコン     | 01   |
| * C126    | V8584500 | C. PP        | 100pF 630V       | JBGL    | P P コン   |      |
|           | VR325000 | C. MYLAR     | 100pF 100V       | UCRTKA  | マイラーコン   | 01   |
| C127      | UA354680 | C. MYLAR     | 0.068uF 50V      |         | マイラーコン   | 01   |
| C128      | UU177220 | C. EL        | 22uF 63V         |         | ケミコン FW  |      |
| C129      | UU196470 | C. EL        | 4.7uF 100V       |         | ケミコン FW  |      |
| C130      | VT898000 | C. MYLAR     | 0.1uF 100V       |         | マイラーコン   |      |
| C131      | VT898000 | C. MYLAR     | 0.1uF 100V       |         | マイラーコン   |      |
| C132      | UR866470 | C. EL        | 4.7uF 50V        |         | ケミコン     | 01   |
| C133      | V8584600 | C. PP        | 220pF 630V       |         | P P コン   |      |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

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| Schm Ref. | PART NO. | Description            | Remarks | Markets | 部 品 名        | Rank |
|-----------|----------|------------------------|---------|---------|--------------|------|
| C134      | VG287500 | C. EL 47uF 50V         |         |         | ケミコン         | 01   |
| C135      | UR818100 | C. EL 100uF 6.3V       |         |         | ケミコン         | 01   |
| C136      | UR866470 | C. EL 4.7uF 50V        |         |         | ケミコン         | 01   |
| C137      | UR866470 | C. EL 4.7uF 50V        |         |         | ケミコン         | 01   |
| C138      | UR868100 | C. EL 100uF 50V        |         | RTKABGL | ケミコン         | 01   |
| C139      | UR877100 | C. EL 10uF 63V         |         | RTKABGL | ケミコン         | 01   |
| C140      | UR877100 | C. EL 10uF 63V         |         | RTKABGL | ケミコン         | 01   |
| C141      | UR868100 | C. EL 100uF 50V        |         | RTKABGL | ケミコン         | 01   |
| C251      | V2290000 | C. EL 22uF 63V         |         |         | ケミコン R A - 2 | 01   |
| C252      | V2290000 | C. EL 22uF 63V         |         |         | ケミコン R A - 2 | 01   |
| C253      | UU137100 | C. EL 10uF 16V         |         |         | ケミコン         | 01   |
| C254      | VQ462600 | C. MYLAR 220pF 50V     |         |         | マイラーコン       | 01   |
| C255      | UP652220 | C. POL 220pF 100V      |         |         | ポリエステルコン     | 01   |
| C256      | UA653100 | C. MYLAR 1000pF 50V    |         |         | マイラーコン       | 03   |
| C257      | VG291300 | C. EL 100uF 50V        |         |         | ケミコン         | 01   |
| C258      | V8584300 | C. PP 33pF 630V        |         |         | P P コン       |      |
| C259      | UU137100 | C. EL 10uF 16V         |         |         | ケミコン         | 01   |
| C260      | VQ462600 | C. MYLAR 220pF 50V     |         |         | マイラーコン       | 01   |
| C261      | UP652220 | C. POL 220pF 100V      |         |         | ポリエステルコン     | 01   |
| C262      | UA653100 | C. MYLAR 1000pF 50V    |         |         | マイラーコン       | 03   |
| C263      | VG291300 | C. EL 100uF 50V        |         |         | ケミコン         | 01   |
| C264      | V8584300 | C. PP 33pF 630V        |         |         | P P コン       |      |
| C265      | Vi578700 | C. EL 10uF 50V         |         |         | ケミコン         | 01   |
| C266      | UA652220 | C. MYLAR 220pF 50V     |         |         | マイラーコン       | 01   |
| C267      | UA652220 | C. MYLAR 220pF 50V     |         |         | マイラーコン       | 01   |
| C268      | UA653100 | C. MYLAR 1000pF 50V    |         |         | マイラーコン       | 03   |
| C269      | V4578900 | C. EL 47uF 35V         |         |         | ケミコン         |      |
| C270      | VS696700 | C. CE 33pF 500V        |         |         | セラコン         | 01   |
| C271      | Vi578700 | C. EL 10uF 50V         |         |         | ケミコン         | 01   |
| C272      | UA652220 | C. MYLAR 220pF 50V     |         |         | マイラーコン       | 01   |
| C273      | UA652220 | C. MYLAR 220pF 50V     |         |         | マイラーコン       | 01   |
| C274      | UA653100 | C. MYLAR 1000pF 50V    |         |         | マイラーコン       | 03   |
| C275      | V4578900 | C. EL 47uF 35V         |         |         | ケミコン         |      |
| C276      | VS696700 | C. CE 33pF 500V        |         |         | セラコン         | 01   |
| C277      | UU137100 | C. EL 10uF 16V         |         |         | ケミコン         | 01   |
| C278      | VQ462600 | C. MYLAR 220pF 50V     |         |         | マイラーコン       | 01   |
| C279      | UP652220 | C. POL 220pF 100V      |         |         | ポリエステルコン     | 01   |
| C280      | UA653100 | C. MYLAR 1000pF 50V    |         |         | マイラーコン       | 03   |
| C281      | VG291200 | C. EL 47uF 50V         |         |         | ケミコン         | 01   |
| C282      | V8584300 | C. PP 33pF 630V        |         |         | P P コン       |      |
| * C283    | UP653100 | C. PP 1000pF 100V      |         |         | P P S コンデンサ  |      |
| C284      | UU138100 | C. EL 100uF 16V        |         |         | ケミコン         | 01   |
| C337      | VF466900 | C. CE. TUBLR 470pF 50V |         |         | 円筒セラコン       | 01   |
| C338      | VF466900 | C. CE. TUBLR 470pF 50V |         |         | 円筒セラコン       | 01   |
| C339      | UA654220 | C. MYLAR 0.022uF 50V   |         | RTKABGL | マイラーコン       | 01   |
| C340      | UA654220 | C. MYLAR 0.022uF 50V   |         | RTKABGL | マイラーコン       | 01   |
| C341      | UA654220 | C. MYLAR 0.022uF 50V   |         | RTKABGL | マイラーコン       | 01   |
| C342      | UA654220 | C. MYLAR 0.022uF 50V   |         | RTKABGL | マイラーコン       | 01   |
| C343      | UA654100 | C. MYLAR 0.01uF 50V    |         | RTKABGL | マイラーコン       | 01   |
| C344      | UA654100 | C. MYLAR 0.01uF 50V    |         | RTKABGL | マイラーコン       | 01   |
| C351      | UA654220 | C. MYLAR 0.022uF 50V   |         | RTKABGL | マイラーコン       | 01   |
| C352      | UA654220 | C. MYLAR 0.022uF 50V   |         | RTKABGL | マイラーコン       | 01   |
| C353      | UA654220 | C. MYLAR 0.022uF 50V   |         | RTKABGL | マイラーコン       | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. MAIN

| Schm<br>Ref. | PART NO. | Description               | Remarks | Markets | 部 品 名     | Rank |
|--------------|----------|---------------------------|---------|---------|-----------|------|
| C354         | UA654220 | C. MYLAR 0.022uF 50V      |         | RTKABGL | マイラーコン    | 01   |
| C359         | VF466900 | C. CE. TUBLR 470pF 50V    |         |         | 円筒セラコン    | 01   |
| C360         | VF466900 | C. CE. TUBLR 470pF 50V    |         |         | 円筒セラコン    | 01   |
| C361         | VF466900 | C. CE. TUBLR 470pF 50V    |         |         | 円筒セラコン    | 01   |
| C362         | VF466900 | C. CE. TUBLR 470pF 50V    |         |         | 円筒セラコン    | 01   |
| C371         | UA654100 | C. MYLAR 0.01uF 50V       |         | RTKABGL | マイラーコン    | 01   |
| C372         | UA654100 | C. MYLAR 0.01uF 50V       |         | RTKABGL | マイラーコン    | 01   |
| C373         | UA654100 | C. MYLAR 0.01uF 50V       |         | RTKABGL | マイラーコン    | 01   |
| C374         | UA654100 | C. MYLAR 0.01uF 50V       |         | RTKABGL | マイラーコン    | 01   |
| C375         | UA653100 | C. MYLAR 1000pF 50V       |         |         | マイラーコン    | 03   |
| C376         | UA654100 | C. MYLAR 0.01uF 50V       |         | RTKABGL | マイラーコン    | 01   |
| C381         | V2922200 | C. EL 12000uF 63V         |         |         | ケミコン      | 10   |
| C382         | V2922200 | C. EL 12000uF 63V         |         |         | ケミコン      | 10   |
| C384         | VR325400 | C. MYLAR 0.1uF 100V       |         |         | マイラーコン    | 01   |
| C385         | VR325400 | C. MYLAR 0.1uF 100V       |         |         | マイラーコン    | 01   |
| C386         | VG291300 | C. EL 100uF 50V           |         |         | ケミコン      | 01   |
| C387         | VG291300 | C. EL 100uF 50V           |         |         | ケミコン      | 01   |
| C388         | UA655100 | C. MYLAR 0.1uF 50V        |         |         | マイラーコン    | 01   |
| C389         | UA655100 | C. MYLAR 0.1uF 50V        |         |         | マイラーコン    | 01   |
| C401         | VG287600 | C. EL 100uF 25V           |         |         | ケミコン      | 01   |
| C402         | VG287600 | C. EL 100uF 25V           |         |         | ケミコン      | 01   |
| C403         | VG288500 | C. EL 10uF 25V            |         |         | ケミコン      | 01   |
| C404         | VG288500 | C. EL 10uF 25V            |         |         | ケミコン      | 01   |
| C405         | UR838100 | C. EL 100uF 16V           |         |         | ケミコン      | 01   |
| C406         | UR838100 | C. EL 100uF 16V           |         |         | ケミコン      | 01   |
| C407         | UR847100 | C. EL 10uF 25V            |         |         | ケミコン      | 01   |
| C408         | UR847100 | C. EL 10uF 25V            |         |         | ケミコン      | 01   |
| C409         | UR838100 | C. EL 100uF 16V           |         |         | ケミコン      | 01   |
| C410         | UR847100 | C. EL 10uF 25V            |         |         | ケミコン      | 01   |
| C411         | VD930900 | C. CE. SMI 0.1uF 25V      |         |         | 半導体セラコン   | 01   |
| D101         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D102         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D103         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D104         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D105         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D106         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D107         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D108         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D109         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D110         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D111         | VD631600 | DIODE 1SS133, 176         |         |         | ダイオード     | 01   |
| D112         | VD631600 | DIODE 1SS133, 176         |         |         | ダイオード     | 01   |
| D113         | VD631600 | DIODE 1SS133, 176         |         |         | ダイオード     | 01   |
| D114         | VD631600 | DIODE 1SS133, 176         |         |         | ダイオード     | 01   |
| D115         | VG440300 | DIODE. ZENR MTZJ12C 12V   |         |         | ツェナーダイオード | 01   |
| D116         | VG440300 | DIODE. ZENR MTZJ12C 12V   |         |         | ツェナーダイオード | 01   |
| D117         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D118         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |
| D119         | VG437200 | DIODE. ZENR MTZJ4.7C 4.7V |         |         | ツェナーダイオード | 01   |
| D120         | VG440300 | DIODE. ZENR MTZJ12C 12V   |         |         | ツェナーダイオード | 01   |
| D121         | VG440300 | DIODE. ZENR MTZJ12C 12V   |         |         | ツェナーダイオード | 01   |
| D122         | VG443200 | DIODE. ZENR MTZJ30A 30V   |         |         | ツェナーダイオード | 01   |
| D123         | VN008700 | DIODE 1SS270A             |         |         | ダイオード     | 01   |

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| Schm<br>Ref. | PART NO. | Description | Remarks          | Markets | 部 品 名     | Rank |
|--------------|----------|-------------|------------------|---------|-----------|------|
| D124         | VN008700 | DIODE       | 1SS270A          |         | ダイオード     | 01   |
| D125         | VN008700 | DIODE       | 1SS270A          |         | ダイオード     | 01   |
| D126         | VN008700 | DIODE       | 1SS270A          |         | ダイオード     | 01   |
| D127         | VG440300 | DIODE. ZENR | MTZJ12C 12V      |         | ツェナーダイオード | 01   |
| D128         | VG440300 | DIODE. ZENR | MTZJ12C 12V      |         | ツェナーダイオード | 01   |
| D129         | VG440300 | DIODE. ZENR | MTZJ12C 12V      |         | ツェナーダイオード | 01   |
| D130         | VG440300 | DIODE. ZENR | MTZJ12C 12V      |         | ツェナーダイオード | 01   |
| D131         | VG442600 | DIODE. ZENR | MTZJ24C 24V      | RTKABGL | ツェナーダイオード | 01   |
| D251         | VD631600 | DIODE       | 1SS133, 176      |         | ダイオード     | 01   |
| D252         | VG440300 | DIODE. ZENR | MTZJ12C 12V      |         | ツェナーダイオード | 01   |
| D253         | VG438300 | DIODE. ZENR | MTZJ6.8B 6.8V    | UC      | ツェナーダイオード | 01   |
| D253         | VG438900 | DIODE. ZENR | MTZJ8.2B 8.2V    | RTKABGL | ツェナーダイオード | 01   |
| D254         | VG440200 | DIODE. ZENR | MTZJ12B 12V      | J       | ツェナーダイオード | 01   |
| D254         | VG440300 | DIODE. ZENR | MTZJ12C 12V      | UC      | ツェナーダイオード | 01   |
| D254         | VG440800 | DIODE. ZENR | MTZJ15B 15V      | RTKABGL | ツェナーダイオード | 01   |
| D255         | VD631600 | DIODE       | 1SS133, 176      |         | ダイオード     | 01   |
| D256         | VD631600 | DIODE       | 1SS133, 176      |         | ダイオード     | 01   |
| D257         | VG440300 | DIODE. ZENR | MTZJ12C 12V      |         | ツェナーダイオード | 01   |
| D371         | VD631600 | DIODE       | 1SS133, 176      |         | ダイオード     | 01   |
| D372         | VD631600 | DIODE       | 1SS133, 176      |         | ダイオード     | 01   |
| D373         | VG439200 | DIODE. ZENR | MTZJ9.1B 9.1V    |         | ツェナーダイオード | 01   |
| ▲ D381       | VM702000 | DIODE. BRG  | S5VB20 3.5A 200V |         | ダイオード     | 04   |
| ▲ D382       | VS997800 | DIODE       | 1T2              |         | ダイオード     | 01   |
| ▲ D383       | VS997800 | DIODE       | 1T2              |         | ダイオード     | 01   |
| ▲ D384       | VS997800 | DIODE       | 1T2              |         | ダイオード     | 01   |
| ▲ D385       | VS997800 | DIODE       | 1T2              |         | ダイオード     | 01   |
| G381         | V8880000 | TERM. GND   | M3.5 RJP9899     |         | アース端子     |      |
| ▲ IC401      | XJ608A00 | IC          | NJM7812FA        |         | I C       | 02   |
| ▲ IC402      | XD343A00 | IC          | NJM79M12FA       |         | I C       | 03   |
| ▲ IC403      | XJ607A00 | IC          | NJM7805FA 5V     |         | I C       | 02   |
| ▲ IC404      | XE436A00 | IC          | NJM79M05FA       |         | I C       | 03   |
| ▲ IC405      | XJ607A00 | IC          | NJM7805FA 5V     |         | I C       | 02   |
| ▲ IC406      | X0515A00 | IC          | LM61CIZ THERMAL  |         | 電源 I C    |      |
| JK371        | V4164400 | JACK. PHONE | YKB21-5209       |         | ホンジャック    | 03   |
| L101         | VU038200 | COIL        | 0.95uH           |         | コイル       | 02   |
| L102         | VU038200 | COIL        | 0.95uH           |         | コイル       | 02   |
| L103         | V2604200 | COIL        | 1uH              |         | コイル       | 01   |
| L104         | V2604200 | COIL        | 1uH              |         | コイル       | 01   |
| L105         | V2604200 | COIL        | 1uH              |         | コイル       | 01   |
| PJ331        | V2802800 | JACK. PIN   | 2P               |         | ピンジャック    |      |
| PJ351        | V2803000 | JACK. PIN   | 4P               |         | ピンジャック    |      |
| PN101        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| PN102        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| PN251        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| PN252        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| PN331        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| PN341        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| PN351        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| PN395        | V3750200 | PIN         | L=70             |         | スタイルピン    |      |
| ▲ Q101       | VK432900 | TR          | 2SD1915F S, T    |         | トランジスタ    | 01   |
| ▲ Q102       | V4096100 | TR          | 2SC4614 S, T     |         | トランジスタ    | 02   |
| ▲ Q103       | V4096000 | TR          | 2SA1770 S, T     |         | トランジスタ    | 03   |
| ▲ Q104A      | iX630850 | TR          | 2SA1695 O, P, Y  |         | トランジスタ    | 04   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

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| Schm<br>Ref. | PART NO. | Description | Remarks         | Markets   | 部 品 名  | Rank |
|--------------|----------|-------------|-----------------|-----------|--------|------|
| △ Q104C      | iX630860 | TR          | 2SC4468 O, P, Y |           | トランジスタ | 04   |
| Q105         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| △ Q106       | VK432900 | TR          | 2SD1915F S, T   |           | トランジスタ | 01   |
| △ Q107       | V4096100 | TR          | 2SC4614 S, T    |           | トランジスタ | 02   |
| △ Q108       | V4096000 | TR          | 2SA1770 S, T    |           | トランジスタ | 03   |
| △ Q109A      | iX630850 | TR          | 2SA1695 O, P, Y |           | トランジスタ | 04   |
| △ Q109C      | iX630860 | TR          | 2SC4468 O, P, Y |           | トランジスタ | 04   |
| Q110         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| △ Q111       | VK432900 | TR          | 2SD1915F S, T   |           | トランジスタ | 01   |
| △ Q112       | V4096100 | TR          | 2SC4614 S, T    |           | トランジスタ | 02   |
| △ Q113       | V4096000 | TR          | 2SA1770 S, T    |           | トランジスタ | 03   |
| △ Q114A      | iX630850 | TR          | 2SA1695 O, P, Y |           | トランジスタ | 04   |
| △ Q114C      | iX630860 | TR          | 2SC4468 O, P, Y |           | トランジスタ | 04   |
| Q115         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| △ Q116       | VK432900 | TR          | 2SD1915F S, T   |           | トランジスタ | 01   |
| △ Q117       | V4096100 | TR          | 2SC4614 S, T    |           | トランジスタ | 02   |
| △ Q118       | V4096000 | TR          | 2SA1770 S, T    |           | トランジスタ | 03   |
| △ Q119A      | iX630850 | TR          | 2SA1695 O, P, Y |           | トランジスタ | 04   |
| △ Q119C      | iX630860 | TR          | 2SC4468 O, P, Y |           | トランジスタ | 04   |
| Q120         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| △ Q121       | VK432900 | TR          | 2SD1915F S, T   |           | トランジスタ | 01   |
| Q122         | VP883000 | TR          | 2SA893A D, E    |           | トランジスタ | 01   |
| △ Q123       | V4096100 | TR          | 2SC4614 S, T    |           | トランジスタ | 02   |
| △ Q124       | V4096000 | TR          | 2SA1770 S, T    |           | トランジスタ | 03   |
| △ Q125A      | iX630850 | TR          | 2SA1695 O, P, Y |           | トランジスタ | 04   |
| △ Q125C      | iX630860 | TR          | 2SC4468 O, P, Y |           | トランジスタ | 04   |
| Q126         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| △ Q127       | VS883300 | TR          | 2SB1565 E, F    |           | トランジスタ | 02   |
| △ Q128       | VP883000 | TR          | 2SA893A D, E    |           | トランジスタ | 01   |
| Q129         | iC1815IO | TR          | 2SC1815 Y       |           | トランジスタ | 01   |
| Q130         | VP883000 | TR          | 2SA893A D, E    |           | トランジスタ | 01   |
| Q131         | iC1815IO | TR          | 2SC1815 Y       |           | トランジスタ | 01   |
| Q132         | iC1815IO | TR          | 2SC1815 Y       |           | トランジスタ | 01   |
| △ Q133       | iA1015IO | TR          | 2SA1015 Y       |           | トランジスタ | 01   |
| Q134         | iC1815IO | TR          | 2SC1815 Y       |           | トランジスタ | 01   |
| Q135         | iC1815IO | TR          | 2SC1815 Y       | RTKABGL   | トランジスタ | 01   |
| △ Q136       | VC141900 | TR          | 2SB941 P, Q     | RTKABGL   | トランジスタ | 04   |
| Q137         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q138         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q251         | VP883100 | TR          | 2SC1890A D, E   | UCRTKABGL | トランジスタ | 01   |
| △ Q252       | VR510800 | TR          | 2SD2396 J, K    |           | トランジスタ | 02   |
| Q253         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q254         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q255         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q256         | V3966800 | TR          | 2SB949 O, Y     |           | トランジスタ |      |
| Q257         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q258         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q259         | V3966800 | TR          | 2SB949 O, Y     |           | トランジスタ |      |
| Q260         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q261         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q262         | V3966800 | TR          | 2SB949 O, Y     |           | トランジスタ |      |
| Q263         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |
| Q264         | VP883100 | TR          | 2SC1890A D, E   |           | トランジスタ | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. MAIN

| Schm<br>Ref. | PART NO. | Description  | Remarks                | Markets | 部 品 名     | Rank |
|--------------|----------|--------------|------------------------|---------|-----------|------|
| Q265         | V3966800 | TR           | 2SB949 0, Y            |         | トランジスタ    |      |
| Q266         | VP883100 | TR           | 2SC1890A D, E          |         | トランジスタ    | 01   |
| Q267         | VP883100 | TR           | 2SC1890A D, E          |         | トランジスタ    | 01   |
| Q268         | V3966800 | TR           | 2SB949 0, Y            |         | トランジスタ    |      |
| R101         | HL006270 | R. MTL. OXD  | 2.7K $\Omega$ 1/2W     |         | 酸化金属被膜抵抗  |      |
| R102         | HL005390 | R. MTL. OXD  | 390 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R103         | HL005820 | R. MTL. OXD  | 820 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R104         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R105         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R106         | HL006100 | R. MTL. OXD  | 1K $\Omega$ 1/2W       |         | 酸化金属被膜抵抗  |      |
| R107         | HV755100 | R. CAR. FP   | 100 $\Omega$ 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| ▲ R108       | V8071100 | R. MTL. FLM  | 220 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R109       | V8070200 | R. MTL. FLM  | 4.7 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R111       | V8070200 | R. MTL. FLM  | 4.7 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R113       | V3873200 | R. WW        | 0.22 $\Omega$ 3W       |         | セメント抵抗    | 02   |
| ▲ R117       | V8070300 | R. MTL. FLM  | 10 $\Omega$ 1W         |         | 金属被膜抵抗    |      |
| R119         | HV754100 | R. CAR. FP   | 10 $\Omega$ 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| R121         | HL006270 | R. MTL. OXD  | 2.7K $\Omega$ 1/2W     |         | 酸化金属被膜抵抗  |      |
| R122         | HL005390 | R. MTL. OXD  | 390 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R123         | HL005820 | R. MTL. OXD  | 820 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R124         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R125         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R126         | HL006100 | R. MTL. OXD  | 1K $\Omega$ 1/2W       |         | 酸化金属被膜抵抗  |      |
| R127         | HV755100 | R. CAR. FP   | 100 $\Omega$ 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| ▲ R128       | V8071100 | R. MTL. FLM  | 220 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R129       | V8070200 | R. MTL. FLM  | 4.7 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R131       | V8070200 | R. MTL. FLM  | 4.7 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R133       | V3873200 | R. WW        | 0.22 $\Omega$ 3W       |         | セメント抵抗    | 02   |
| ▲ R137       | V8070300 | R. MTL. FLM  | 10 $\Omega$ 1W         |         | 金属被膜抵抗    |      |
| R139         | HV754100 | R. CAR. FP   | 10 $\Omega$ 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| R141         | HL006270 | R. MTL. OXD  | 2.7K $\Omega$ 1/2W     |         | 酸化金属被膜抵抗  |      |
| R142         | HL005390 | R. MTL. OXD  | 390 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R143         | HL005820 | R. MTL. OXD  | 820 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R144         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R145         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R146         | HL006100 | R. MTL. OXD  | 1K $\Omega$ 1/2W       |         | 酸化金属被膜抵抗  |      |
| R147         | HV755100 | R. CAR. FP   | 100 $\Omega$ 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| ▲ R148       | V8071100 | R. MTL. FLM  | 220 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R149       | HV754100 | R. CAR. FP   | 10 $\Omega$ 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| ▲ R150       | HV754100 | R. CAR. FP   | 10 $\Omega$ 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| ▲ R151       | VU981700 | R. MTL. PLAT | 0.22 $\Omega$ +0.22 3W |         | 金属板抵抗     | 02   |
| ▲ R155       | V8070300 | R. MTL. FLM  | 10 $\Omega$ 1W         |         | 金属被膜抵抗    |      |
| R158         | HV754100 | R. CAR. FP   | 10 $\Omega$ 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| R159         | HL006270 | R. MTL. OXD  | 2.7K $\Omega$ 1/2W     |         | 酸化金属被膜抵抗  |      |
| R160         | HL005390 | R. MTL. OXD  | 390 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R161         | HL005820 | R. MTL. OXD  | 820 $\Omega$ 1/2W      |         | 酸化金属被膜抵抗  |      |
| R162         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R163         | V8072100 | R. MTL. OXD  | 5.6K $\Omega$ 1W       |         | 酸化金属被膜抵抗  |      |
| R164         | HL006100 | R. MTL. OXD  | 1K $\Omega$ 1/2W       |         | 酸化金属被膜抵抗  |      |
| R165         | HV755100 | R. CAR. FP   | 100 $\Omega$ 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| ▲ R166       | V8071100 | R. MTL. FLM  | 220 $\Omega$ 1W        |         | 金属被膜抵抗    |      |
| ▲ R167       | HV754100 | R. CAR. FP   | 10 $\Omega$ 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| ▲ R168       | HV754100 | R. CAR. FP   | 10 $\Omega$ 1/4W       |         | 不燃化カーボン抵抗 | 01   |

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P.C.B. MAIN

| Schm<br>Ref. | PART NO. | Description           | Remarks       | Markets | 部 品 名     | Rank |
|--------------|----------|-----------------------|---------------|---------|-----------|------|
| △            | R169     | VU981700 R. MTL. PLAT | 0.22Ω+0.22 3W |         | 金属板抵抗     | 02   |
| △            | R174     | V8070300 R. MTL. FLM  | 10Ω 1W        |         | 金属被膜抵抗    |      |
|              | R176     | HV754100 R. CAR. FP   | 10Ω 1/4W      |         | 不燃化カーボン抵抗 | 01   |
|              | R177     | V8072100 R. MTL. OXD  | 5.6KΩ 1W      |         | 酸化金属被膜抵抗  |      |
|              | R178     | HV755100 R. CAR. FP   | 100Ω 1/4W     |         | 不燃化カーボン抵抗 | 01   |
|              | R179     | V8072100 R. MTL. OXD  | 5.6KΩ 1W      |         | 酸化金属被膜抵抗  |      |
|              | R180     | HL006270 R. MTL. OXD  | 2.7KΩ 1/2W    |         | 酸化金属被膜抵抗  |      |
|              | R181     | HL005390 R. MTL. OXD  | 390Ω 1/2W     |         | 酸化金属被膜抵抗  |      |
|              | R182     | HL005820 R. MTL. OXD  | 820Ω 1/2W     |         | 酸化金属被膜抵抗  |      |
|              | R183     | HL006100 R. MTL. OXD  | 1KΩ 1/2W      |         | 酸化金属被膜抵抗  |      |
| △            | R184     | V8071100 R. MTL. FLM  | 220Ω 1W       |         | 金属被膜抵抗    |      |
| △            | R185     | V8070300 R. MTL. FLM  | 10Ω 1W        |         | 金属被膜抵抗    |      |
| △            | R186     | V8070300 R. MTL. FLM  | 10Ω 1W        |         | 金属被膜抵抗    |      |
| △            | R187     | V3873200 R. WW        | 0.22Ω 3W      |         | セメント抵抗    | 02   |
| △            | R191     | V8070300 R. MTL. FLM  | 10Ω 1W        |         | 金属被膜抵抗    |      |
|              | R194     | HV754100 R. CAR. FP   | 10Ω 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| △            | R199     | HV754100 R. CAR. FP   | 10Ω 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| △            | R202     | HV756150 R. CAR. FP   | 1.5KΩ 1/4W    |         | 不燃化カーボン抵抗 | 01   |
| △            | R205     | V8070200 R. MTL. FLM  | 4.7Ω 1W       |         | 金属被膜抵抗    |      |
| △            | R206     | V8070200 R. MTL. FLM  | 4.7Ω 1W       |         | 金属被膜抵抗    |      |
| △            | R210     | V8070200 R. MTL. FLM  | 4.7Ω 1W       |         | 金属被膜抵抗    |      |
| △            | R211     | V8071300 R. MTL. FLM  | 470Ω 1W       |         | 金属被膜抵抗    |      |
|              | R213     | V8071400 R. MTL. FLM  | 560Ω 1W       |         | 金属被膜抵抗    |      |
|              | R214     | V8071400 R. MTL. FLM  | 560Ω 1W       |         | 金属被膜抵抗    |      |
| △            | R219     | V8071300 R. MTL. FLM  | 470Ω 1W       |         | 金属被膜抵抗    |      |
| △            | R223     | HV756100 R. CAR. FP   | 1KΩ 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| △            | R224     | HV755100 R. CAR. FP   | 100Ω 1/4W     |         | 不燃化カーボン抵抗 | 01   |
| △            | R231     | V8071300 R. MTL. FLM  | 470Ω 1W       |         | 金属被膜抵抗    |      |
| △            | R232     | V8071300 R. MTL. FLM  | 470Ω 1W       |         | 金属被膜抵抗    |      |
| *            | R233     | V8070600 R. MTL. FLM  | 33Ω 1W        | RTKABGL | 金属被膜抵抗    |      |
|              | R234     | HV756330 R. CAR. FP   | 3.3KΩ 1/4W    | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R237     | HV756470 R. CAR. FP   | 4.7KΩ 1/4W    | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R239     | V8070300 R. MTL. FLM  | 10Ω 1W        | RTKABGL | 金属被膜抵抗    |      |
| △            | R255     | HV754100 R. CAR. FP   | 10Ω 1/4W      |         | 不燃化カーボン抵抗 | 01   |
| △            | R257     | HV756470 R. CAR. FP   | 4.7KΩ 1/4W    |         | 不燃化カーボン抵抗 | 01   |
|              | R267     | HV755100 R. CAR. FP   | 100Ω 1/4W     |         | 不燃化カーボン抵抗 | 01   |
|              | R278     | HV755100 R. CAR. FP   | 100Ω 1/4W     |         | 不燃化カーボン抵抗 | 01   |
|              | R289     | HV755100 R. CAR. FP   | 100Ω 1/4W     |         | 不燃化カーボン抵抗 | 01   |
|              | R300     | HV755100 R. CAR. FP   | 100Ω 1/4W     |         | 不燃化カーボン抵抗 | 01   |
|              | R311     | HV755100 R. CAR. FP   | 100Ω 1/4W     |         | 不燃化カーボン抵抗 | 01   |
|              | R337     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R338     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R339     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R340     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R351     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R352     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R353     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
|              | R354     | HV753220 R. CAR. FP   | 2.2Ω 1/4W     | RTKABGL | 不燃化カーボン抵抗 | 01   |
| △            | R384     | HV753100 R. CAR. FP   | 1Ω 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| △            | R385     | HV753100 R. CAR. FP   | 1Ω 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| △            | R401     | HV753100 R. CAR. FP   | 1Ω 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| △            | R402     | HV753100 R. CAR. FP   | 1Ω 1/4W       |         | 不燃化カーボン抵抗 | 01   |
| △            | R403     | V8070000 R. MTL. FLM  | 1Ω 1W         |         | 金属被膜抵抗    |      |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. MAIN & P.C.B. POWER

| Schm<br>Ref. | PART NO. | Description           | Remarks          | Markets   | 部 品 名        | Rank |
|--------------|----------|-----------------------|------------------|-----------|--------------|------|
| △            | R404     | V8070000 R. MTL. FLM  | 1Ω 1W            |           | 金属被膜抵抗       |      |
|              | R405     | V8070000 R. MTL. FLM  | 1Ω 1W            |           | 金属被膜抵抗       |      |
|              | R406     | V8070000 R. MTL. FLM  | 1Ω 1W            |           | 金属被膜抵抗       |      |
| △            | RY101    | VU566700 RELAY        | DG24D2-OS/M      |           | リレー 24V      | 05   |
| △            | RY102    | VK438300 RELAY        | DH24D2-OT/M2     |           | リレー          | 04   |
| △            | RY103    | VK438300 RELAY        | DH24D2-OT/M2     |           | リレー          | 04   |
| △            | RY104    | VK438300 RELAY        | DH24D2-OT/M2     |           | リレー          | 04   |
|              | ST101    | V4040500 SCR. TERM    | M3               |           | スクリュー／ターミナル  | 01   |
|              | ST371    | V4040500 SCR. TERM    | M3               |           | スクリュー／ターミナル  | 01   |
|              | ST381    | V4040500 SCR. TERM    | M3               |           | スクリュー／ターミナル  | 01   |
|              | ST401    | V4040500 SCR. TERM    | M3               |           | スクリュー／ターミナル  | 01   |
|              | SW341    | VV523900 SW. PUSH     | PBS-YM-001       |           | プッシュSW       | 03   |
| △            | SW381    | V4104200 SW. SLIDE    | SL13B-022-AMCS   | UCRTKABGL | スライドSW       | 03   |
|              | TE331    | V6771200 TERM. SP     | 8P LTS0810       | JUCRTKA   | スピーカターミナル 8P |      |
| *            | TE331    | V5912200 TERM. SP     | 8P LTS0810       | BGL       | スピーカターミナル 8P |      |
|              | TE351    | V6771200 TERM. SP     | 8P LTS0810       | JUCRTKA   | スピーカターミナル 8P |      |
| *            | TE351    | V5912200 TERM. SP     | 8P LTS0810       | BGL       | スピーカターミナル 8P |      |
|              | TP381    | VT969000 PIN. TEST    | IRS-2049         |           | テストポイントピン    | 01   |
|              |          | V5995800 PLATE. GND   |                  |           | アースプレート      |      |
|              |          | V8705400 P. C. B.     | POWER            | J         | P C B 集成 パワー |      |
| *            |          | V8705500 P. C. B.     | POWER            | UC        | P C B 集成 パワー |      |
| *            |          | V8705600 P. C. B.     | POWER            | RT        | P C B 集成 パワー |      |
| *            |          | V8705700 P. C. B.     | POWER            | K         | P C B 集成 パワー |      |
| *            |          | V8705800 P. C. B.     | POWER            | A         | P C B 集成 パワー |      |
| *            |          | V8705900 P. C. B.     | POWER            | B         | P C B 集成 パワー |      |
| *            |          | V8706000 P. C. B.     | POWER            | GL        | P C B 集成 パワー |      |
|              | CB601    | V7827300 SOCKET       | 6P TE TUC SERIES |           | コネクターソケット    |      |
|              | CB602    | VQ585400 CN. BS. PIN  | 12P TE           |           | ケーブルホルダー     |      |
|              | CB603    | VQ585400 CN. BS. PIN  | 12P TE           |           | ケーブルホルダー     |      |
|              | CB901    | V7827100 SOCKET       | 4P TE TUC SERIES |           | コネクターソケット    |      |
|              | CB921    | Vi878100 CN. BS. PIN  | 3P               |           | ケーブルホルダー     | 01   |
|              | CB922    | VP206500 HOLDER. FUS  | EYF-52BCT        | GL        | ヒューズホルダー     | 01   |
|              | CB923    | VP206500 HOLDER. FUS  | EYF-52BCT        | GL        | ヒューズホルダー     | 01   |
|              | CB924    | VP206500 HOLDER. FUS  | EYF-52BCT        |           | ヒューズホルダー     | 01   |
|              | CB925    | VP206500 HOLDER. FUS  | EYF-52BCT        |           | ヒューズホルダー     | 01   |
|              | CB926    | VG879900 CN. BS. PIN  | 2P               |           | ベースピン        | 01   |
|              | CB941    | VP206500 HOLDER. FUS  | EYF-52BCT        | RT        | ヒューズホルダー     | 01   |
|              | CB942    | VP206500 HOLDER. FUS  | EYF-52BCT        | RT        | ヒューズホルダー     | 01   |
| △            | C601     | UR73A100 C. EL        | 10000uF 16V      |           | ケミコン         | 03   |
| △            | C602     | UR749470 C. EL        | 4700uF 25V       |           | ケミコン         | 05   |
| △            | C603     | UR749470 C. EL        | 4700uF 25V       |           | ケミコン         | 05   |
| △            | C604     | UR73A100 C. EL        | 10000uF 16V      |           | ケミコン         | 03   |
|              | C605     | UR73A100 C. EL        | 10000uF 16V      |           | ケミコン         | 03   |
|              | C606     | VE326000 C. MYLAR. ML | 0.1uF 50V        |           | 積層マイラーコン     | 01   |
|              | C607     | VE326000 C. MYLAR. ML | 0.1uF 50V        |           | 積層マイラーコン     | 01   |
|              | C608     | VE326000 C. MYLAR. ML | 0.1uF 50V        |           | 積層マイラーコン     | 01   |
|              | C609     | VE326000 C. MYLAR. ML | 0.1uF 50V        |           | 積層マイラーコン     | 01   |
|              | C610     | VE326000 C. MYLAR. ML | 0.1uF 50V        |           | 積層マイラーコン     | 01   |
|              | C611     | VE326000 C. MYLAR. ML | 0.1uF 50V        |           | 積層マイラーコン     | 01   |
|              | C612     | VR324900 C. MYLAR     | 0.1uF 100V       |           | マイラーコン       | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

P.C.B. POWER

| Schm Ref. | PART NO. | Description                   | Remarks | Markets  | 部 品 名         | Rank |
|-----------|----------|-------------------------------|---------|----------|---------------|------|
| C613      | VR324900 | C. MYLAR 0.1uF 100V           |         |          | マイラーコン        | 01   |
| C614      | UR73A100 | C. EL 10000uF 16V             |         |          | ケミコン          | 03   |
| C901      | US062100 | C. CE. M. CHP 100pF 50V       |         |          | チップセラコン       | 01   |
| C902      | US062100 | C. CE. M. CHP 100pF 50V       |         |          | チップセラコン       | 01   |
| C903      | US062100 | C. CE. M. CHP 100pF 50V       |         |          | チップセラコン       | 01   |
| C904      | US135100 | C. CE. CHP 0.1uF 16V          |         |          | チップセラコン       | 01   |
| C905      | US135100 | C. CE. CHP 0.1uF 16V          |         |          | チップセラコン       | 01   |
| C906      | UR877100 | C. EL 10uF 63V                |         |          | ケミコン          | 01   |
| C907      | UR877100 | C. EL 10uF 63V                |         |          | ケミコン          | 01   |
| C921      | UA655100 | C. MYLAR 0.1uF 50V            |         |          | マイラーコン        | 01   |
| C922      | UR748470 | C. EL 470uF 25V               |         |          | ケミコン          |      |
| C923      | UU147100 | C. EL 10uF 25V                |         | RT       | ケミコン          | 01   |
| C925      | UR897100 | C. EL 10uF 100V               |         | RT       | ケミコン          | 01   |
| C926      | UU167100 | C. EL 10uF 50V                |         | RT       | ケミコン          | 01   |
| C927      | UA654100 | C. MYLAR 0.01uF 50V           |         | JUCKABGL | マイラーコン        | 01   |
| C928      | UA654100 | C. MYLAR 0.01uF 50V           |         | RT       | マイラーコン        | 01   |
| C929      | UA654100 | C. MYLAR 0.01uF 50V           |         | RT       | マイラーコン        | 01   |
| △ C930    | V6185300 | C. CE. SAFTY 0.01uF 275V      |         |          | 規格認定コン        |      |
| C952      | Vi578700 | C. EL 10uF 50V                |         |          | ケミコン          | 01   |
| C953      | UA652220 | C. MYLAR 220pF 50V            |         |          | マイラーコン        | 01   |
| C954      | UA652220 | C. MYLAR 220pF 50V            |         |          | マイラーコン        | 01   |
| C955      | UA653100 | C. MYLAR 1000pF 50V           |         |          | マイラーコン        | 03   |
| C956      | V4578900 | C. EL 47uF 35V                |         |          | ケミコン          |      |
| C957      | VS696700 | C. CE 33pF 500V               |         |          | セラコン          | 01   |
| C958      | VG291200 | C. EL 47uF 50V                |         |          | ケミコン          | 01   |
| C959      | VR325000 | C. MYLAR 100pF 100V           |         |          | マイラーコン        | 01   |
| C960      | VG287500 | C. EL 47uF 50V                |         |          | ケミコン          | 01   |
| C961      | VR325000 | C. MYLAR 100pF 100V           |         |          | マイラーコン        | 01   |
| C962      | UA354680 | C. MYLAR 0.068uF 50V          |         |          | マイラーコン        | 01   |
| C963      | US063100 | C. CE. M. CHP 1000pF 50V      |         |          | チップセラコン       | 01   |
| △ D601    | VQ379300 | DIODE. BRG S1VB20 1A 200V     |         |          | ダイオード         | 02   |
| △ D602    | VQ379300 | DIODE. BRG S1VB20 1A 200V     |         |          | ダイオード         | 02   |
| D921      | VT332900 | DIODE 1SS355                  |         |          | ダイオード         | 01   |
| D922      | VT332900 | DIODE 1SS355                  |         | RT       | ダイオード         | 01   |
| * D923    | VU172900 | DIODE. ZENR Udz 13B TE-17 13V |         | RT       | ツェナーダイオード     |      |
| D924      | VV307700 | DIODE 1N4002S                 |         |          | ダイオード         | 01   |
| D925      | VV307700 | DIODE 1N4002S                 |         |          | ダイオード         | 01   |
| D926      | VV307700 | DIODE 1N4002S                 |         | RT       | ダイオード         | 01   |
| D927      | VV307700 | DIODE 1N4002S                 |         |          | ダイオード         | 01   |
| D928      | VV307700 | DIODE 1N4002S                 |         |          | ダイオード         | 01   |
| D951      | VT332900 | DIODE 1SS355                  |         |          | ダイオード         | 01   |
| D952      | VT332900 | DIODE 1SS355                  |         |          | ダイオード         | 01   |
| △ F921    | VT942900 | FUSE TH2. 5A 250V             |         | GL       | ヒューズ          | 01   |
| △ F922    | VS823300 | FUSE T8. 0A 125V              |         | JUCRT    | ヒューズ          | 02   |
| F922      | KB000790 | FUSE T4. 0A 250V              |         | KABGL    | ヒューズ          | 01   |
| F941      | KB000790 | FUSE T4. 0A 250V              |         | RT       | ヒューズ          | 01   |
| G601      | V8880000 | TERM. GND M3. 5 RJP9899       |         |          | アース端子         |      |
| IC901     | XZ177A00 | IC LA7104M VIDEO AMP          |         |          | アンプ IC S O P  | 04   |
| IC902     | XY879A00 | IC TC74HC4053AF(EL)           |         |          | ロジック IC S O P | 03   |
| L951      | V2604200 | COIL 1uH                      |         |          | コイル           | 01   |
| PJ901     | V8143900 | JACK PIN SHIELD YKC21-4348    |         |          | ピンジャック 9 P    | 04   |
| PN601     | V3750200 | PIN L=70                      |         |          | スタイルピン        |      |
| PN901     | V3750200 | PIN L=70                      |         |          | スタイルピン        |      |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

## P.C.B. POWER

| Schm<br>Ref. | PART NO. | Description  | Remarks          | Markets | 部 品 名         | Rank |
|--------------|----------|--------------|------------------|---------|---------------|------|
| Q901         | VV556400 | TR           | 2SC2412K Q, R, S |         | トランジスタ        | 01   |
| Q921         | iC1815I0 | TR           | 2SC1815 Y        |         | トランジスタ        | 01   |
| Q922         | VR510800 | TR           | 2SD2396 J, K     | RT      | トランジスタ        | 02   |
| Q923         | iE102620 | FET          | 2SK246 Y         | RT      | F E T         | 01   |
| Q924         | VR510800 | TR           | 2SD2396 J, K     | RT      | トランジスタ        | 02   |
| Q951         | VP883100 | TR           | 2SC1890A D, E    |         | トランジスタ        | 01   |
| Q952         | VP883100 | TR           | 2SC1890A D, E    |         | トランジスタ        | 01   |
| Q953         | V3966800 | TR           | 2SB949 O, Y      |         | トランジスタ        |      |
| ▲ Q954       | iC224030 | TR           | 2SC2240 GR, BL   |         | トランジスタ        | 01   |
| ▲ Q955       | V4096100 | TR           | 2SC4614 S, T     |         | トランジスタ        | 02   |
| ▲ Q956       | V4096000 | TR           | 2SA1770 S, T     |         | トランジスタ        | 03   |
| ▲ Q957A      | iX630850 | TR           | 2SA1695 O, P, Y  |         | トランジスタ        | 04   |
| ▲ Q957C      | iX630860 | TR           | 2SC4468 O, P, Y  |         | トランジスタ        | 04   |
| Q958         | VP883100 | TR           | 2SC1890A D, E    |         | トランジスタ        | 01   |
| R925         | V6730000 | R. CAR.      | 2.2MΩ 1/2W       | UC      | 放電抵抗          | 01   |
| R960         | HV755100 | R. CAR. FP   | 100Ω 1/4W        |         | 不燃化カーボン抵抗     | 01   |
| R962         | HL006270 | R. MTL. OXD  | 2.7KΩ 1/2W       |         | 酸化金属被膜抵抗      |      |
| R963         | HL005390 | R. MTL. OXD  | 390Ω 1/2W        |         | 酸化金属被膜抵抗      |      |
| R964         | HL005820 | R. MTL. OXD  | 820Ω 1/2W        |         | 酸化金属被膜抵抗      |      |
| R965         | V8072100 | R. MTL. OXD  | 5.6KΩ 1W         |         | 酸化金属被膜抵抗      |      |
| R966         | V8072100 | R. MTL. OXD  | 5.6KΩ 1W         |         | 酸化金属被膜抵抗      |      |
| R967         | HL006100 | R. MTL. OXD  | 1KΩ 1/2W         |         | 酸化金属被膜抵抗      |      |
| R968         | HV755100 | R. CAR. FP   | 100Ω 1/4W        |         | 不燃化カーボン抵抗     | 01   |
| ▲ R969       | V8071100 | R. MTL. FLM  | 220Ω 1W          |         | 金属被膜抵抗        |      |
| ▲ R970       | HV754100 | R. CAR. FP   | 10Ω 1/4W         |         | 不燃化カーボン抵抗     | 01   |
| ▲ R971       | HV754100 | R. CAR. FP   | 10Ω 1/4W         |         | 不燃化カーボン抵抗     | 01   |
| ▲ R972       | VU981700 | R. MTL. PLAT | 0.22Ω+0.22 3W    |         | 金属板抵抗         | 02   |
| ▲ R977       | V8070300 | R. MTL. FLM  | 10Ω 1W           |         | 金属被膜抵抗        |      |
| R979         | HV754100 | R. CAR. FP   | 10Ω 1/4W         |         | 不燃化カーボン抵抗     | 01   |
| ▲ RY921      | V2712300 | RELAY        | DC SDT-S-112LMR  |         | リレー 12V       | 05   |
| ST921        | V4040500 | SCR. TERM    | M3               |         | スクリュー/ターミナル   | 01   |
| * ▲ SW941    | V7182300 | VOLT. SELCT  | R8140213         | RT      | 電圧切替器         |      |
| ▲ T921       | XW605A00 | TRANS. PWR   |                  | J       | 電源トランス        | 04   |
| * ▲ T921     | XW606A00 | TRANS. PWR   |                  | UC      | 電源トランス        |      |
| ▲ T921       | XW974A00 | TRANS. PWR   |                  | RT      | 電源トランス        | 05   |
| * ▲ T921     | XW608A00 | TRANS. PWR   |                  | KABGL   | 電源トランス        |      |
| ▲ TE921      | VU543100 | OUTLET. AC   | 2P               | JUC     | A C アウトレット    | 03   |
| ▲ TE921      | V5867400 | OUTLET. AC   | 2P AC-182-GB-11V | RT      | A C アウトレット 2P |      |
| ▲ TE921      | VT915000 | OUTLET. AC   | 2P               | A       | A C アウトレット    | 06   |
| ▲ TE921      | VU543300 | OUTLET. AC   | 1P               | B       | A C アウトレット    | 05   |
| ▲ TE921      | VU543400 | OUTLET. AC   | 2P               | GL      | A C アウトレット    | 05   |
| ▲            | EP600140 | SCR. BND. HD | 3x10 MFZN2BL     | RT      | バインドBタイトネジ    | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

Chip Resistors

| Schm<br>Ref. | PART NO. | Description |       |       | Remarks | Markets | 部 品 名 | Rank |
|--------------|----------|-------------|-------|-------|---------|---------|-------|------|
|              | RD350000 | R. CAR. CHP | 0Ω    | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD353220 | R. CAR. CHP | 2.2Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD354470 | R. CAR. CHP | 47Ω   | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD354750 | R. CAR. CHP | 75Ω   | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD354820 | R. CAR. CHP | 82Ω   | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355100 | R. CAR. CHP | 100Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355220 | R. CAR. CHP | 220Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355330 | R. CAR. CHP | 330Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355390 | R. CAR. CHP | 390Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355470 | R. CAR. CHP | 470Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355680 | R. CAR. CHP | 680Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355820 | R. CAR. CHP | 820Ω  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD355910 | R. CAR. CHP | 910Ω  | 1/16W |         |         | チップ抵抗 | 01   |
|              | RD356100 | R. CAR. CHP | 1KΩ   | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356150 | R. CAR. CHP | 1.5KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356160 | R. CAR. CHP | 1.6KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356180 | R. CAR. CHP | 1.8KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356200 | R. CAR. CHP | 2KΩ   | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356220 | R. CAR. CHP | 2.2KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356240 | R. CAR. CHP | 2.4KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356270 | R. CAR. CHP | 2.7KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356330 | R. CAR. CHP | 3.3KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356360 | R. CAR. CHP | 3.6KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356390 | R. CAR. CHP | 3.9KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356470 | R. CAR. CHP | 4.7KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356510 | R. CAR. CHP | 5.1KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356560 | R. CAR. CHP | 5.6KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356680 | R. CAR. CHP | 6.8KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356820 | R. CAR. CHP | 8.2KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD356910 | R. CAR. CHP | 9.1KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD357100 | R. CAR. CHP | 10KΩ  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD357150 | R. CAR. CHP | 15KΩ  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD357180 | R. CAR. CHP | 18KΩ  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD357220 | R. CAR. CHP | 22KΩ  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD357330 | R. CAR. CHP | 33KΩ  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD357470 | R. CAR. CHP | 47KΩ  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD357680 | R. CAR. CHP | 68KΩ  | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD358100 | R. CAR. CHP | 100KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD358220 | R. CAR. CHP | 220KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD358330 | R. CAR. CHP | 330KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD358470 | R. CAR. CHP | 470KΩ | 1/10W |         |         | チップ抵抗 | 01   |
|              | RD359100 | R. CAR. CHP | 1MΩ   | 1/10W |         |         | チップ抵抗 | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

## RX-V730/RX-V730RDS

This exploded view diagram illustrates the assembly of the Sharp AQUOS LC-40D40 television. The components are organized into several main sections:

- Front Panel (1-5):** Includes the bezel, speaker grilles, and control buttons. Key parts include the front panel (1-5), speaker grille (1-4), and control buttons (1-1, 1-2, 1-3, 1-4, 1-5).
- Main Chassis (2-1):** The central unit housing the tuner, power supply, and main board. Key parts include the main chassis (2-1), tuner (2-105), power supply (2-108), and main board (2-111).
- Internal Components:** Includes the tuner (2-105), power supply (2-108), main board (2-111), and various connectors and components (2-102, 2-107, 2-109, 2-110, 2-111, 2-112, 2-113, 2-114, 2-115, 2-116, 2-117, 2-118, 2-119, 2-120, 2-121, 2-122, 2-123, 2-124, 2-125, 2-126, 2-127, 2-128, 2-129, 2-130, 2-131, 2-132, 2-133, 2-134, 2-135, 2-136, 2-137, 2-138, 2-139, 2-140, 2-141, 2-142, 2-143, 2-144, 2-145, 2-146, 2-147, 2-148, 2-149, 2-150, 2-151, 2-152, 2-153, 2-154, 2-155, 2-156, 2-157, 2-158, 2-159, 2-160, 2-161, 2-162, 2-163, 2-164, 2-165, 2-166, 2-167, 2-168, 2-169, 2-170, 2-171, 2-172, 2-173, 2-174, 2-175, 2-176, 2-177, 2-178, 2-179, 2-180, 2-181, 2-182, 2-183, 2-184, 2-185, 2-186, 2-187, 2-188, 2-189, 2-190, 2-191, 2-192, 2-193, 2-194, 2-195, 2-196, 2-197, 2-198, 2-199, 2-200, 2-201, 2-202, 2-203, 2-204, 2-205, 2-206, 2-207, 2-208, 2-209, 2-210, 2-211, 2-212, 2-213, 2-214, 2-215, 2-216, 2-217, 2-218, 2-219, 2-220, 2-221, 2-222, 2-223, 2-224, 2-225, 2-226, 2-227, 2-228, 2-229, 2-230, 2-231, 2-232, 2-233, 2-234, 2-235, 2-236, 2-237, 2-238, 2-239, 2-240, 2-241, 2-242, 2-243, 2-244, 2-245, 2-246, 2-247, 2-248, 2-249, 2-250, 2-251, 2-252, 2-253, 2-254, 2-255, 2-256, 2-257, 2-258, 2-259, 2-260, 2-261, 2-262, 2-263, 2-264, 2-265, 2-266, 2-267, 2-268, 2-269, 2-270, 2-271, 2-272, 2-273, 2-274, 2-275, 2-276, 2-277, 2-278, 2-279, 2-280, 2-281, 2-282, 2-283, 2-284, 2-285, 2-286, 2-287, 2-288, 2-289, 2-290, 2-291, 2-292, 2-293, 2-294, 2-295, 2-296, 2-297, 2-298, 2-299, 2-300, 2-301, 2-302, 2-303, 2-304, 2-305, 2-306, 2-307, 2-308, 2-309, 2-310, 2-311, 2-312, 2-313, 2-314, 2-315, 2-316, 2-317, 2-318, 2-319, 2-320, 2-321, 2-322, 2-323, 2-324, 2-325, 2-326, 2-327, 2-328, 2-329, 2-330, 2-331, 2-332, 2-333, 2-334, 2-335, 2-336, 2-337, 2-338, 2-339, 2-340, 2-341, 2-342, 2-343, 2-344, 2-345, 2-346, 2-347, 2-348, 2-349, 2-350, 2-351, 2-352, 2-353, 2-354, 2-355, 2-356, 2-357, 2-358, 2-359, 2-360, 2-361, 2-362, 2-363, 2-364, 2-365, 2-366, 2-367, 2-368, 2-369, 2-370, 2-371, 2-372, 2-373, 2-374, 2-375, 2-376, 2-377, 2-378, 2-379, 2-380, 2-381, 2-382, 2-383, 2-384, 2-385, 2-386, 2-387, 2-388, 2-389, 2-390, 2-391, 2-392, 2-393, 2-394, 2-395, 2-396, 2-397, 2-398, 2-399, 2-400, 2-401, 2-402, 2-403, 2-404, 2-405, 2-406, 2-407, 2-408, 2-409, 2-410, 2-411, 2-412, 2-413, 2-414, 2-415, 2-416, 2-417, 2-418, 2-419, 2-420, 2-421, 2-422, 2-423, 2-424, 2-425, 2-426, 2-427, 2-428, 2-429, 2-430, 2-431, 2-432, 2-433, 2-434, 2-435, 2-436, 2-437, 2-438, 2-439, 2-440, 2-441, 2-442, 2-443, 2-444, 2-445, 2-446, 2-447, 2-448, 2-449, 2-450, 2-451, 2-452, 2-453, 2-454, 2-455, 2-456, 2-457, 2-458, 2-459, 2-460, 2-461, 2-462, 2-463, 2-464, 2-465, 2-466, 2-467, 2-468, 2-469, 2-470, 2-471, 2-472, 2-473, 2-474, 2-475, 2-476, 2-477, 2-478, 2-479, 2-480, 2-481, 2-482, 2-483, 2-484, 2-485, 2-486, 2-487, 2-488, 2-489, 2-490, 2-491, 2-492, 2-493, 2-494, 2-495, 2-496, 2-497, 2-498, 2-499, 2-500, 2-501, 2-502, 2-503, 2-504, 2-505, 2-506, 2-507, 2-508, 2-509, 2-510, 2-511, 2-512, 2-513, 2-514, 2-515, 2-516, 2-517, 2-518, 2-519, 2-520, 2-521, 2-522, 2-523, 2-524, 2-525, 2-526, 2-527, 2-528, 2-529, 2-530, 2-531, 2-532, 2-533, 2-534, 2-535, 2-536, 2-537, 2-538, 2-539, 2-540, 2-541, 2-542, 2-543, 2-544, 2-545, 2-546, 2-547, 2-548, 2-549, 2-550, 2-551, 2-552, 2-553, 2-554, 2-555, 2-556, 2-557, 2-558, 2-559, 2-560, 2-561, 2-562, 2-563, 2-564, 2-565, 2-566, 2-567, 2-568, 2-569, 2-570, 2-571, 2-572, 2-573, 2-574, 2-575, 2-576, 2-577, 2-578, 2-579, 2-580, 2-581, 2-582, 2-583, 2-584, 2-585, 2-586, 2-587, 2-588, 2-589, 2-590, 2-591, 2-592, 2-593, 2-594, 2-595, 2-596, 2-597, 2-598, 2-599, 2-600, 2-601, 2-602, 2-603, 2-604, 2-605, 2-606, 2-607, 2-608, 2-609, 2-610, 2-611, 2-612, 2-613, 2-614, 2-615, 2-616, 2-617, 2-618, 2-619, 2-620, 2-621, 2-622, 2-623, 2-624, 2-625, 2-626, 2-627, 2-628, 2-629, 2-630, 2-631, 2-632, 2-633, 2-634, 2-635, 2-636, 2-637, 2-638, 2-639, 2-640, 2-641, 2-642, 2-643, 2-644, 2-645, 2-646, 2-647, 2-648, 2-649, 2-650, 2-651, 2-65

## RX-V730/RX-V730RDS

## MECHANICAL PARTS

| Schm<br>Ref. | PART NO. | Description            | Remarks         | Markets | 部 品 名         | Rank |
|--------------|----------|------------------------|-----------------|---------|---------------|------|
| * 1-1        | V8310100 | FRONT PANEL            | V730GD          |         | フロントパネル       |      |
| * 1-1        | V8310300 | FRONT PANEL            | V730RDSGD       |         | フロントパネル       |      |
| * 1-1        | V8310000 | FRONT PANEL            | V730BL          |         | フロントパネル       |      |
| * 1-1        | V8310200 | FRONT PANEL            | V730RDSBL       |         | フロントパネル       |      |
| * 1-1        | V8310400 | FRONT PANEL            | V730RDSTI       |         | フロントパネル       |      |
| 1-4          | V6879800 | ESCUTCHEN/D5           |                 |         | エスカッション/D 5   |      |
| 1-5          | V8316300 | ESCUTCHEON             | GD              |         | エスカッション       |      |
| * 1-5        | V8316200 | ESCUTCHEON             | BL              |         | エスカッション       |      |
| * 1-5        | V8316400 | ESCUTCHEON             | TI              |         | エスカッション       |      |
| 1-40         | V6034200 | EMBLEM                 | GD              |         | エンブレム         | 03   |
| 1-40         | V6034100 | EMBLEM                 | BL, TI          |         | エンブレム         |      |
| 2-1          | V8705000 | P. C. B. ASS'Y         | OPERATION       | UCRTKAL | P C B オペレーション |      |
| * 2-1        | V8705100 | P. C. B. ASS'Y         | OPERATION       | BG      | P C B オペレーション |      |
| 2-8          | MF114160 | FLEXIBLE FLAT CABLE    | 14P 160mm       |         | カード電線 C & C   | 03   |
| 2-9          | MF107200 | FLEXIBLE FLAT CABLE    | 7P 200mm        |         | カード電線 C & C   | 02   |
| 2-10         | MF109120 | FLEXIBLE FLAT CABLE    | 9P 120mm P=1.25 |         | カード電線 C & C   | 01   |
| 2-102        | V8314000 | BUTTONCASE             | GD              |         | ボタンケース        |      |
| * 2-102      | V8313900 | BUTTONCASE             | BL              |         | ボタンケース        |      |
| * 2-102      | V8314100 | BUTTONCASE             | TI              |         | ボタンケース        |      |
| * 2-105      | V6874900 | BUTTON/RDS             | GD              |         | ボタン/RDS       |      |
| * 2-105      | V6874800 | BUTTON/RDS             | BL              |         | ボタン/RDS       |      |
| * 2-105      | V8540100 | BUTTON/RDS             | TI              |         | ボタン/RDS       |      |
| 2-107        | V8315900 | ESCUTCHEON, VOL        | GD              |         | エスカッション/VOL   |      |
| * 2-107      | V8315800 | ESCUTCHEON, VOL        | BL              |         | エスカッション/VOL   |      |
| * 2-107      | V8316000 | ESCUTCHEON, VOL        | TI              |         | エスカッション/VOL   |      |
| 2-108        | V8469400 | SUPPORT/PJ             |                 |         | サポート/PJ       |      |
| 2-109        | V8316800 | SHEET, WINDOW          | GD, BL          |         | シート/ウインドウ     |      |
| * 2-109      | V8316900 | SHEET, WINDOW          | TI              |         | シート/ウインドウ     |      |
| 2-111        | EP600250 | BIND HEAD B-TITE SCREW | 3x8 MFZN2Y      |         | バインドBタイトネジ    | 01   |
| 2-114        | EP630220 | BIND HEAD P-TITE SCREW | 3x8 MFZN2BL     |         | バインドPタイトネジ    | 01   |
| * 3-1        | V8700100 | P. C. B. ASS'Y         | MAIN            | UC      | P C B メイン     |      |
| * 3-1        | V8700200 | P. C. B. ASS'Y         | MAIN            | RTKA    | P C B メイン     |      |
| * 3-1        | V8700300 | P. C. B. ASS'Y         | MAIN            | BG      | P C B メイン     |      |
| * 3-1        | V8700400 | P. C. B. ASS'Y         | MAIN            | L       | P C B メイン     |      |
| 3-11         | VV849300 | SHEET                  | 19x24           |         | シート/放熱        | 01   |
| 3-102        | VQ368600 | PUSH RIVET             | P3555-B         |         | プッシュリベット      | 01   |
| 3-103        | VK173200 | SCREW, TRANSISTOR      | 3x15 SP MFC2    |         | スクリューTR       | 01   |
| 3-104        | VT669300 | PW HEAD B-TITE SCREW   | 3x8-8 MFC2      |         | PWヘッドBタイトネジ   | 01   |
| 3-107        | V5454200 | DAMPER                 | 2/10/260        |         | ダンパー          |      |
| * 5          | V8705500 | P. C. B. ASS'Y         | POWER           | UC      | P C B 集成 パワー  |      |
| * 5          | V8705600 | P. C. B. ASS'Y         | POWER           | RT      | P C B 集成 パワー  |      |
| * 5          | V8705700 | P. C. B. ASS'Y         | POWER           | K       | P C B 集成 パワー  |      |
| * 5          | V8705800 | P. C. B. ASS'Y         | POWER           | A       | P C B 集成 パワー  |      |
| * 5          | V8705900 | P. C. B. ASS'Y         | POWER           | B       | P C B 集成 パワー  |      |
| * 5          | V8706000 | P. C. B. ASS'Y         | POWER           | GL      | P C B 集成 パワー  |      |
| * 6          | V8701600 | P. C. B. ASS'Y         | DSP             |         | P C B DSP     |      |
| * 7          | V8702200 | P. C. B. ASS'Y         | FUNCTION        | UC      | P C B ファンクション |      |
| * 7          | V8702300 | P. C. B. ASS'Y         | FUNCTION        | RT      | P C B ファンクション |      |
| * 7          | V8702400 | P. C. B. ASS'Y         | FUNCTION        | K       | P C B ファンクション |      |
| * 7          | V8702500 | P. C. B. ASS'Y         | FUNCTION        | AL      | P C B ファンクション |      |
| * 7          | V8702600 | P. C. B. ASS'Y         | FUNCTION        | BG      | P C B ファンクション |      |
| * 9          | V7424300 | AM/FM TUNER            | FAE350-A10F     | UCRTK   | AM/FM チューナ    |      |
| * 9          | V7424400 | AM/FM TUNER            | FAE404-E10F     | ABGL    | AM/FM チューナ    |      |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

RX-V730/RX-V730RDS

| Schm | Ref. | PART NO. | Description                  | Remarks            | Markets     | 部 品 名        | Rank |
|------|------|----------|------------------------------|--------------------|-------------|--------------|------|
| * △  | 15   | X2365A00 | POWER TRANSFORMER            |                    | UC          | 電源トランス       |      |
| * △  | 15   | X2545A00 | POWER TRANSFORMER            |                    | RTK         | 電源トランス       |      |
| * △  | 15   | X2422A00 | POWER TRANSFORMER            |                    | A           | 電源トランス       |      |
| * △  | 15   | X2366A00 | POWER TRANSFORMER            |                    | BGL         | 電源トランス       |      |
| * △  | 16   | V2363800 | POWER CABLE                  | 2m                 | UC          | 電源コード        |      |
| △    | 16   | VZ542500 | POWER CABLE                  | 2m                 | RT          | 電源コード        | 05   |
| * △  | 16   | V8013000 | POWER CABLE                  | 2m                 | K           | 電源コード        |      |
| △    | 16   | V2296800 | POWER CABLE                  | 2m                 | A           | 電源コード        |      |
| △    | 16   | VV437300 | POWER CABLE                  | 2m                 | B           | 電源コード        | 08   |
| △    | 16   | VN363700 | POWER CABLE                  | 2m                 | GL          | 電源コード        | 04   |
|      | 17   | V2438700 | CORD STOPPER                 | 10P1               |             | コードストッパー     | 02   |
|      | 20   | VV272500 | DC FAN MOTOR                 | 2410ML-05W-B20-L00 | RTKABGL     | D C ファンモーター  | 11   |
|      | 23   | MF135100 | FLEXIBLE FLAT CABLE          | 35P 100mm P=1.25   |             | カード電線 C & C  |      |
|      | 24   | MF136120 | FLEXIBLE FLAT CABLE          | 36p 120mm P=1.25   |             | カード電線 C & C  | 02   |
|      | 25   | MF115120 | FLEXIBLE FLAT CABLE          | 15P 120mm P=1.25   |             | カード電線 C & C  |      |
|      | 101  | V8301200 | TOP COVER                    |                    | GD          | トップカバー       |      |
| * △  | 101  | V8301000 | TOP COVER                    |                    | BL          | トップカバー       |      |
| * △  | 101  | V8301100 | TOP COVER                    |                    | TI          | トップカバー       |      |
| * △  | 103  | V8303100 | REAR PANEL                   |                    | RXV730 UC   | リヤパネル        |      |
| * △  | 103  | V8303300 | REAR PANEL                   |                    | RXV730 RT   | リヤパネル        |      |
| * △  | 103  | V8506400 | REAR PANEL                   |                    | RXV730 K    | リヤパネル        |      |
| * △  | 103  | V8303400 | REAR PANEL                   |                    | RXV730 A    | リヤパネル        |      |
| * △  | 103  | V8303700 | REAR PANEL                   |                    | RXV730RDS B | リヤパネル        |      |
| * △  | 103  | V8303800 | REAR PANEL                   |                    | RXV730RDS G | リヤパネル        |      |
| * △  | 103  | V8303500 | REAR PANEL                   |                    | RXV730 L    | リヤパネル        |      |
| * △  | 113  | V8586300 | DIFFUSER                     |                    | RTKABGL     | ディフューザー      |      |
|      | 120  | V0042500 | LEG                          | D60xH21            | GD          | レッグ          | 03   |
|      | 120  | VS025000 | LEG                          | D60xH21            | BL, TI      | レッグ          | 02   |
|      | 121  | V6002300 | KNOB D43                     |                    | GD          | ノブ D 4 3     | 02   |
|      | 121  | V6002200 | KNOB D43                     |                    | BL          | ノブ D 4 3     |      |
| * △  | 121  | V7623800 | KNOB D43                     |                    | TI          | ノブ D 4 3     |      |
|      | 122  | V6001700 | KNOB D15                     |                    | GD          | ノブ D 1 5     | 01   |
|      | 122  | V6001600 | KNOB D15                     |                    | BL          | ノブ D 1 5     |      |
| * △  | 122  | V7624400 | KNOB D15                     |                    | TI          | ノブ D 1 5     |      |
|      | 123  | V6876200 | BUTTON/D5                    |                    | GD          | ボタン/D 5      |      |
|      | 123  | V6876100 | BUTTON/D5                    |                    | BL          | ボタン/D 5      |      |
| * △  | 123  | V8540300 | BUTTON/D5                    |                    | TI          | ボタン/D 5      |      |
|      | 131  | V8316600 | PLATE, SIDE                  |                    | GD          | プレート/サイド     |      |
|      | 131  | V8316500 | PLATE, SIDE                  |                    | BL          | プレート/サイド     |      |
| * △  | 131  | V8316700 | PLATE, SIDE                  |                    | TI          | プレート/サイド     |      |
|      | 137  | V3422200 | DAMPER                       |                    |             | ダンパー         | 01   |
|      | 139  | V7616600 | DAMPER                       |                    |             | ダンパー         |      |
|      | 155  | VQ368600 | PUSH RIVET                   | P3555-B            |             | プッシュリベット     | 01   |
|      | 160  | VN413300 | BIND HEAD BONDING B-T. SCREW | 3x8 MFZN2BL        |             | ボンディングBタイトネジ | 01   |
|      | 161  | VV220300 | BIND HEAD B-TITE SCREW       | 3x30 MFZN2BL       |             | バインドBタイトネジ   | 01   |
|      | 163  | EP600250 | BIND HEAD B-TITE SCREW       | 3x8 MFZN2Y         |             | バインドBタイトネジ   | 01   |
|      | 166  | EP630210 | BIND HEAD S-TITE SCREW       | 3x6 MFZN2BL        |             | バインドSタイトネジ   | 01   |
|      | 167  | VT669300 | PW HEAD B-TITE SCREW         | 3x8-8 MFC2         |             | PWヘッドBタイトネジ  | 01   |
|      | 168  | VT669400 | PW HEAD B-TITE SCREW         | 3x15-8 MFC2        |             | PWヘッドBタイトネジ  | 01   |
|      | 170  | 21991500 | PW HEAD S-TITE SCREW         | 4x8-10 MFC2BL      |             | PWヘッドSタイトネジ  | 01   |
|      | 171  | VD069600 | PW HEAD S-TITE SCREW         | 4x8-10 MFNI33      | GD          | PWヘッドSタイトネジ  | 01   |
|      | 171  | 21991500 | PW HEAD S-TITE SCREW         | 4x8-10 MFC2BL      | BL          | PWヘッドSタイトネジ  | 01   |
|      | 171  | VH313200 | BW HEAD S-TITE SCREW         | 4x8-10 MFNI3BL     | TI          | BWヘッドSタイトネジ  | 01   |
|      | 176  | AA627310 | GROUND TERMINAL              |                    |             | GNDターミナル     | 01   |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

RX-V730/RX-V730RDS

| Schm | Ref.  | PART NO.           | Description       | Remarks       | Markets       | 部 品 名   | Rank          |
|------|-------|--------------------|-------------------|---------------|---------------|---------|---------------|
|      |       | ACCESSORIES        |                   |               |               | 付属品     |               |
| *    | 200   | V8294700           | REMOTE CONTROL    | RAV232        | BW0902        | UCRTKAL | リモコン          |
| *    | 200   | V8294800           | REMOTE CONTROL    | RAV233        | BW0903        | BG      | リモコン          |
|      | 200-1 | AAX31620           | BATTERY COVER     | 71-0900-02000 | 71-0900-02000 |         | 電池蓋           |
|      | 202   | V6267000           | INDOOR FM ANTENNA | 1.4m 1pc      |               | UCRTK   | F M簡易アンテナ 03  |
|      | 202   | VQ147100           | INDOOR FM ANTENNA | 1.4m 1pc      |               | ABGL    | F M簡易アンテナ 02  |
|      | 203   | VR248500           | AM LOOP ANTENNA   | 1.0m 1pc      |               |         | A Mループアンテナ 03 |
|      | 204   | VE364900           | ANTENNA ADAPTER   | PAL 75-300Ω   |               | B       | 整合器 03        |
|      |       | BATTERY, MANGANESE | UM-4NE (2PC)      |               |               |         | マンガン電池 2 P C  |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

**RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE**

This exploded view diagram illustrates the assembly of the Hitachi RAS-4000 air conditioning unit. The components are organized into several main sections:

- Top Section:** Includes the main indoor unit housing (101), top panel (160), and various fasteners (163, 171, 166).
- Front Panel & Controls:** Features the front panel (163), control panel (171), and remote control (200). The control panel includes a display (122) and buttons (121, 123).
- Internal Components:** Shows the main control board (2-1), fan motor (2-102), and various electrical components (2-105, 2-108, 2-111, 2-114, 2-109, 2-107, 2-110, 2-111, 2-112, 2-113, 2-114, 2-115, 2-116, 2-117, 2-118, 2-119, 2-120, 2-121, 2-122, 2-123, 2-124, 2-125, 2-126, 2-127, 2-128, 2-129, 2-130, 2-131, 2-132, 2-133, 2-134, 2-135, 2-136, 2-137, 2-138, 2-139, 2-140, 2-141, 2-142, 2-143, 2-144, 2-145, 2-146, 2-147, 2-148, 2-149, 2-150, 2-151, 2-152, 2-153, 2-154, 2-155, 2-156, 2-157, 2-158, 2-159, 2-160, 2-161, 2-162, 2-163, 2-164, 2-165, 2-166, 2-167, 2-168, 2-169, 2-170, 2-171, 2-172, 2-173, 2-174, 2-175, 2-176, 2-177, 2-178, 2-179, 2-180, 2-181, 2-182, 2-183, 2-184, 2-185, 2-186, 2-187, 2-188, 2-189, 2-190, 2-191, 2-192, 2-193, 2-194, 2-195, 2-196, 2-197, 2-198, 2-199, 2-200, 2-201, 2-202, 2-203, 2-204, 2-205, 2-206, 2-207, 2-208, 2-209, 2-210, 2-211, 2-212, 2-213, 2-214, 2-215, 2-216, 2-217, 2-218, 2-219, 2-220, 2-221, 2-222, 2-223, 2-224, 2-225, 2-226, 2-227, 2-228, 2-229, 2-230, 2-231, 2-232, 2-233, 2-234, 2-235, 2-236, 2-237, 2-238, 2-239, 2-240, 2-241, 2-242, 2-243, 2-244, 2-245, 2-246, 2-247, 2-248, 2-249, 2-250, 2-251, 2-252, 2-253, 2-254, 2-255, 2-256, 2-257, 2-258, 2-259, 2-260, 2-261, 2-262, 2-263, 2-264, 2-265, 2-266, 2-267, 2-268, 2-269, 2-270, 2-271, 2-272, 2-273, 2-274, 2-275, 2-276, 2-277, 2-278, 2-279, 2-280, 2-281, 2-282, 2-283, 2-284, 2-285, 2-286, 2-287, 2-288, 2-289, 2-290, 2-291, 2-292, 2-293, 2-294, 2-295, 2-296, 2-297, 2-298, 2-299, 2-300, 2-301, 2-302, 2-303, 2-304, 2-305, 2-306, 2-307, 2-308, 2-309, 2-310, 2-311, 2-312, 2-313, 2-314, 2-315, 2-316, 2-317, 2-318, 2-319, 2-320, 2-321, 2-322, 2-323, 2-324, 2-325, 2-326, 2-327, 2-328, 2-329, 2-330, 2-331, 2-332, 2-333, 2-334, 2-335, 2-336, 2-337, 2-338, 2-339, 2-340, 2-341, 2-342, 2-343, 2-344, 2-345, 2-346, 2-347, 2-348, 2-349, 2-350, 2-351, 2-352, 2-353, 2-354, 2-355, 2-356, 2-357, 2-358, 2-359, 2-360, 2-361, 2-362, 2-363, 2-364, 2-365, 2-366, 2-367, 2-368, 2-369, 2-370, 2-371, 2-372, 2-373, 2-374, 2-375, 2-376, 2-377, 2-378, 2-379, 2-380, 2-381, 2-382, 2-383, 2-384, 2-385, 2-386, 2-387, 2-388, 2-389, 2-390, 2-391, 2-392, 2-393, 2-394, 2-395, 2-396, 2-397, 2-398, 2-399, 2-400, 2-401, 2-402, 2-403, 2-404, 2-405, 2-406, 2-407, 2-408, 2-409, 2-410, 2-411, 2-412, 2-413, 2-414, 2-415, 2-416, 2-417, 2-418, 2-419, 2-420, 2-421, 2-422, 2-423, 2-424, 2-425, 2-426, 2-427, 2-428, 2-429, 2-430, 2-431, 2-432, 2-433, 2-434, 2-435, 2-436, 2-437, 2-438, 2-439, 2-440, 2-441, 2-442, 2-443, 2-444, 2-445, 2-446, 2-447, 2-448, 2-449, 2-450, 2-451, 2-452, 2-453, 2-454, 2-455, 2-456, 2-457, 2-458, 2-459, 2-460, 2-461, 2-462, 2-463, 2-464, 2-465, 2-466, 2-467, 2-468, 2-469, 2-470, 2-471, 2-472, 2-473, 2-474, 2-475, 2-476, 2-477, 2-478, 2-479, 2-480, 2-481, 2-482, 2-483, 2-484, 2-485, 2-486, 2-487, 2-488, 2-489, 2-490, 2-491, 2-492, 2-493, 2-494, 2-495, 2-496, 2-497, 2-498, 2-499, 2-500, 2-501, 2-502, 2-503, 2-504, 2-505, 2-506, 2-507, 2-508, 2-509, 2-510, 2-511, 2-512, 2-513, 2-514, 2-515, 2-516, 2-517, 2-518, 2-519, 2-520, 2-521, 2-522, 2-523, 2-524, 2-525, 2-526, 2-527, 2-528, 2-529, 2-530, 2-531, 2-532, 2-533, 2-534, 2-535, 2-536, 2-537, 2-538, 2-539, 2-540, 2-541, 2-542, 2-543, 2-544, 2-545, 2-546, 2-547, 2-548, 2-549, 2-550, 2-551, 2-552, 2-553, 2-554, 2-555, 2-556, 2-557, 2-558, 2-559, 2-560, 2-561, 2-562, 2-563, 2-564, 2-565, 2-566, 2-567, 2-568, 2-569, 2-570, 2-571, 2-572, 2-573, 2-574, 2-575, 2-576, 2-577, 2-578, 2-579, 2-580, 2-581, 2-582, 2-583, 2-584, 2-585, 2-586, 2-587, 2-588, 2-589, 2-590, 2-591, 2-592, 2-593, 2-594, 2-595, 2-596, 2-597, 2-598, 2-599, 2-600, 2-601, 2-602, 2-603, 2-604, 2-605, 2-606, 2-607, 2-608, 2-609, 2-610, 2-611, 2-612, 2-613, 2-614, 2-615, 2-616, 2-617, 2-618, 2-619, 2-620, 2-621, 2-622, 2-623, 2-624, 2-625, 2-626, 2-627, 2-628, 2-629, 2-630, 2-631, 2-632, 2-633, 2-634, 2-635, 2-636, 2-637, 2-638, 2-639, 2-640, 2-641, 2-642, 2-643, 2-644, 2-645, 2-646, 2-647, 2-648, 2-649, 2-650, 2-651, 2-652, 2-653, 2-654, 2-655, 2-656, 2-657, 2-65

**RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE**

■ **MECHANICAL PARTS**

| Schm<br>Ref. | PART NO. | Description            | Remarks         | Markets    | 部 品 名       | Rank          |
|--------------|----------|------------------------|-----------------|------------|-------------|---------------|
| * 1-1        | V8311700 | FRONT PANEL            | V630GD          |            | フロントパネル     |               |
| * 1-1        | V8310800 | FRONT PANEL            | V630RDSGD       |            | フロントパネル     |               |
| * 1-1        | V8311600 | FRONT PANEL            | V630BL          |            | フロントパネル     |               |
| * 1-1        | V8310600 | FRONT PANEL            | V630RDSBL       |            | フロントパネル     |               |
| * 1-1        | V8310900 | FRONT PANEL            | V630RDSTI       |            | フロントパネル     |               |
| * 1-1        | V8311900 | FRONT PANEL            | 5560GD          |            | フロントパネル     |               |
| * 1-1        | V8311800 | FRONT PANEL            | 5560BL          |            | フロントパネル     |               |
| * 1-1        | V8312100 | FRONT PANEL            | 5560RDSBL       |            | フロントパネル     |               |
| * 1-1        | V8312000 | FRONT PANEL            | 5560TS          |            | フロントパネル     |               |
| * 1-1        | V8474100 | FRONT PANEL            | 5560RDSTS       |            | フロントパネル     |               |
| * 1-1        | V8311000 | FRONT PANEL            | AX630GD         |            | フロントパネル     |               |
| * 1-1        | V8311200 | FRONT PANEL            | AX630SEGD       |            | フロントパネル     |               |
| * 1-1        | V8311100 | FRONT PANEL            | AX630SEBL       |            | フロントパネル     |               |
| * 1-1        | V8311300 | FRONT PANEL            | AX630SETI       |            | フロントパネル     |               |
| 1-4          | V6879800 | ESCUTCHEN/D5           |                 |            | エスカッション/D 5 |               |
| 1-5          | V8316300 | ESCUTCHEON             | V630GD, AX630GD |            | エスカッション     |               |
| 1-5          | V8316200 | ESCUTCHEON             | V630BL          |            | エスカッション     |               |
| * 1-5        | V8316400 | ESCUTCHEON             | V630TI          |            | エスカッション     |               |
| 1-5          | V8316300 | ESCUTCHEON             | AX630SEGD       |            | エスカッション     |               |
| * 1-5        | V8316200 | ESCUTCHEON             | AX630SEBL       |            | エスカッション     |               |
| * 1-5        | V8316400 | ESCUTCHEON             | AX630SETI       |            | エスカッション     |               |
| 1-40         | V6034200 | EMBLEM                 | GD              |            | エンブレム       | 03            |
| 1-40         | V6034100 | EMBLEM                 | BL              |            | エンブレム       |               |
| 2-1          | V8705000 | P.C.B. ASS'Y           | OPERATION       | V630, 5560 | JUCRTKAL    | P C B オペレーション |
| * 2-1        | V8705100 | P.C.B. ASS'Y           | OPERATION       | V630, 5560 | BG          | P C B オペレーション |
| * 2-1        | V8706200 | P.C.B. ASS'Y           | OPERATION       | AX630SE    | BG          | P C B オペレーション |
| 2-8          | MF114160 | FLEXIBLE FLAT CABLE    | 14P 160mm       |            |             | カード電線 C & C   |
| 2-9          | MF107200 | FLEXIBLE FLAT CABLE    | 7P 200mm        |            |             | カード電線 C & C   |
| 2-10         | MF109120 | FLEXIBLE FLAT CABLE    | 9P 120mm P=1.25 |            |             | カード電線 C & C   |
| 2-102        | V8314000 | BUTTONCASE             | V630GD          | JG         |             | ボタンケース        |
| * 2-102      | V8314700 | BUTTONCASE             | V630GD          | RTKL       |             | ボタンケース        |
| * 2-102      | V8314600 | BUTTONCASE             | V630BL          | UCRA       |             | ボタンケース        |
| * 2-102      | V8313900 | BUTTONCASE             | V630BL          | BG         |             | ボタンケース        |
| * 2-102      | V8314100 | BUTTONCASE             | V630TI          |            |             | ボタンケース        |
| * 2-102      | V8314700 | BUTTONCASE             | 5560GD          |            |             | ボタンケース        |
| * 2-102      | V8314800 | BUTTONCASE             | 5560BL          |            |             | ボタンケース        |
| * 2-102      | V8314900 | BUTTONCASE             | 5560TI          |            |             | ボタンケース        |
| * 2-102      | V8314300 | BUTTONCASE             | AX630SEGD       |            |             | ボタンケース        |
| * 2-102      | V8314200 | BUTTONCASE             | AX630SEBL       |            |             | ボタンケース        |
| * 2-102      | V8314400 | BUTTONCASE             | AX630SETI       |            |             | ボタンケース        |
| * 2-105      | V6874900 | BUTTON/RDS             | V630RDSGD       |            |             | ボタン/RDS       |
| * 2-105      | V6874800 | BUTTON/RDS             | V630RDSBL       |            |             | ボタン/RDS       |
| * 2-105      | V8540100 | BUTTON/RDS             | V630RDSTI       |            |             | ボタン/RDS       |
| * 2-105      | V8315500 | BUTTON/RDS             | 5560RDSBL       |            |             | ボタン/RDS       |
| * 2-105      | V8315700 | BUTTON/RDS             | 5560RDSTI       |            |             | ボタン/RDS       |
| 2-107        | V8315900 | ESCUTCHEON, VOL        | V630GD, AX630GD |            |             | エスカッション/VOL   |
| * 2-107      | V8315800 | ESCUTCHEON, VOL        | BL              |            |             | エスカッション/VOL   |
| * 2-107      | V8316000 | ESCUTCHEON, VOL        | TI, 5560GD      |            |             | エスカッション/VOL   |
| 2-108        | V8469400 | SUPPORT/PJ             |                 |            |             | サポート/PJ       |
| 2-109        | V8316800 | SHEET, WINDOW          | AX630           | J          |             | シート/ウインドウ     |
| * 2-109      | V8316900 | SHEET, WINDOW          | V630, V630RDS   | UCRABGTKL  |             | シート/ウインドウ     |
| * 2-109      | V8317000 | SHEET, WINDOW          | AX630SE         | BG         |             | シート/ウインドウ     |
| 2-111        | EP600250 | BIND HEAD B-TITE SCREW | 3x8 MFZN2Y      |            |             | バインドBタイトネジ    |
| 2-114        | EP630220 | BIND HEAD P-TITE SCREW | 3x8 MFZN2BL     |            |             | バインドPタイトネジ    |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE

|   | Schm | Ref.  | PART NO. | Description          | Remarks            | Markets    | 部 品 名           | Rank |
|---|------|-------|----------|----------------------|--------------------|------------|-----------------|------|
| * |      | 3-1   | V8700000 | P.C.B. ASS'Y         | MAIN               | J          | P C B   メイン     |      |
| * |      | 3-1   | V8700100 | P.C.B. ASS'Y         | MAIN               | UC         | P C B   メイン     |      |
| * |      | 3-1   | V8700200 | P.C.B. ASS'Y         | MAIN               | RTKA       | P C B   メイン     |      |
| * |      | 3-1   | V8700300 | P.C.B. ASS'Y         | MAIN               | BG         | P C B   メイン     |      |
| * |      | 3-1   | V8700400 | P.C.B. ASS'Y         | MAIN               | L          | P C B   メイン     |      |
|   |      | 3-11  | VV849300 | SHEET                | 19x24              |            | シート／放熱          | 01   |
|   |      | 3-102 | VQ368600 | PUSH RIVET           | P3555-B            |            | プッシュリベット        | 01   |
|   |      | 3-103 | VK173200 | SCREW, TRANSISTOR    | 3x15   SP   MFC2   |            | スクリュー T R       | 01   |
|   |      | 3-104 | VT669300 | PW HEAD B-TITE SCREW | 3x8-8       MFC2   |            | P Wヘッド B タイトネジ  | 01   |
|   |      | 3-107 | V5454200 | DAMPER               | 2/10/260           |            | ダンパー            |      |
|   |      | 5     | V8705400 | P.C.B. ASS'Y         | POWER              | J          | P C B 集成   パワー  |      |
| * |      | 5     | V8705500 | P.C.B. ASS'Y         | POWER              | UC         | P C B 集成   パワー  |      |
| * |      | 5     | V8705600 | P.C.B. ASS'Y         | POWER              | RT         | P C B 集成   パワー  |      |
| * |      | 5     | V8705700 | P.C.B. ASS'Y         | POWER              | K          | P C B 集成   パワー  |      |
| * |      | 5     | V8705800 | P.C.B. ASS'Y         | POWER              | A          | P C B 集成   パワー  |      |
| * |      | 5     | V8705900 | P.C.B. ASS'Y         | POWER              | B          | P C B 集成   パワー  |      |
| * |      | 5     | V8706000 | P.C.B. ASS'Y         | POWER              | GL         | P C B 集成   パワー  |      |
|   |      | 6     | V8701500 | P.C.B. ASS'Y         | DSP                | J          | P C B   D S P   |      |
| * |      | 6     | V8701600 | P.C.B. ASS'Y         | DSP                | UCRTKABGL  | P C B   D S P   |      |
|   |      | 7     | V8702700 | P.C.B. ASS'Y         | FUNCTION           | AX630      | P C B   ファンクション |      |
| * |      | 7     | V8702800 | P.C.B. ASS'Y         | FUNCTION           | V630, 5560 | P C B   ファンクション |      |
| * |      | 7     | V8702900 | P.C.B. ASS'Y         | FUNCTION           | V630, 5560 | P C B   ファンクション |      |
| * |      | 7     | V8703000 | P.C.B. ASS'Y         | FUNCTION           | V630, 5560 | P C B   ファンクション |      |
| * |      | 7     | V8703100 | P.C.B. ASS'Y         | FUNCTION           | V630, 5560 | P C B   ファンクション |      |
| * |      | 7     | V8703200 | P.C.B. ASS'Y         | FUNCTION           | V630, 5560 | P C B   ファンクション |      |
| * |      | 7     | V8703300 | P.C.B. ASS'Y         | FUNCTION           | AX630SE    | P C B   ファンクション |      |
|   |      | 9     | V7424200 | AM/FM TUNER          | FAE350-J10F        | J          | A M／F M   チューナ  | 13   |
| * |      | 9     | V7424300 | AM/FM TUNER          | FAE350-A10F        | UCRTK      | A M／F M   チューナ  |      |
| * |      | 9     | V7424400 | AM/FM TUNER          | FAE404-E10F        | ABGL       | A M／F M   チューナ  |      |
| ⚠ |      | 15    | X2364A00 | POWER TRANSFORMER    |                    | J          | 電源トランス          |      |
| * | ⚠    | 15    | X2365A00 | POWER TRANSFORMER    |                    | UC         | 電源トランス          |      |
| * | ⚠    | 15    | X2545A00 | POWER TRANSFORMER    |                    | RTK        | 電源トランス          |      |
| * | ⚠    | 15    | X2422A00 | POWER TRANSFORMER    |                    | A          | 電源トランス          |      |
| * | ⚠    | 15    | X2366A00 | POWER TRANSFORMER    |                    | BGL        | 電源トランス          |      |
| ⚠ |      | 16    | V2723100 | POWER CABLE          | 1.8m               | J          | 電源コード           | 07   |
| * | ⚠    | 16    | V2363800 | POWER CABLE          | 2m                 | UC         | 電源コード           |      |
| ⚠ |      | 16    | VZ542500 | POWER CABLE          | 2m                 | RT         | 電源コード           | 05   |
| * | ⚠    | 16    | V8013000 | POWER CABLE          | 2m                 | K          | 電源コード           |      |
| ⚠ |      | 16    | V2296800 | POWER CABLE          | 2m                 | A          | 電源コード           |      |
| ⚠ |      | 16    | VV437300 | POWER CABLE          | 2m                 | B          | 電源コード           | 08   |
| ⚠ |      | 16    | VN363700 | POWER CABLE          | 2m                 | GL         | 電源コード           | 04   |
|   |      | 17    | V2438700 | CORD STOPPER         | 10P1               |            | コードストッパー        | 02   |
|   |      | 20    | VV272500 | DC FAN MOTOR         | 2410ML-05W-B20-L00 | RTKABGL    | D C ファンモーター     | 11   |
|   |      | 23    | MF135100 | FLEXIBLE FLAT CABLE  | 35P 100mm P=1.25   |            | カード電線   C & C   |      |
|   |      | 24    | MF136120 | FLEXIBLE FLAT CABLE  | 36p 120mm P=1.25   |            | カード電線   C & C   | 02   |
|   |      | 25    | MF115120 | FLEXIBLE FLAT CABLE  | 15P 120mm P=1.25   |            | カード電線   C & C   |      |
|   |      | 101   | V8301200 | TOP COVER            |                    | GD         | トップカバー          |      |
| * |      | 101   | V8301000 | TOP COVER            |                    | BL         | トップカバー          |      |
| * |      | 101   | V8301100 | TOP COVER            |                    | TI         | トップカバー          |      |
| * |      | 103   | V8307000 | REAR PANEL           |                    | AX630      | リヤパネル           |      |
| * |      | 103   | V8305400 | REAR PANEL           |                    | RXV630     | リヤパネル           |      |
| * |      | 103   | V8305600 | REAR PANEL           |                    | RXV630     | リヤパネル           |      |
| * |      | 103   | V8506500 | REAR PANEL           |                    | RXV630     | リヤパネル           |      |
| * |      | 103   | V8305700 | REAR PANEL           |                    | RXV630     | リヤパネル           |      |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

## RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE

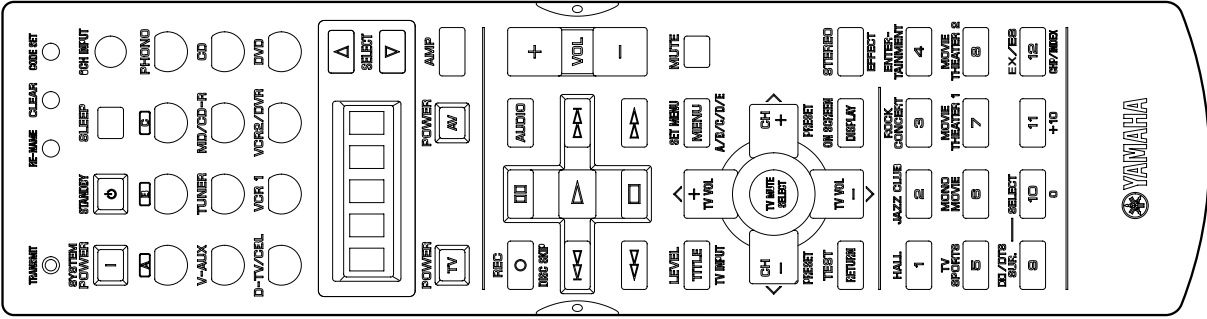
| Schm | Ref.  | PART NO. | Description                  | Remarks        | Markets           | 部 品 名        | Rank         |
|------|-------|----------|------------------------------|----------------|-------------------|--------------|--------------|
| *    | 103   | V8306000 | REAR PANEL                   | RXV630RDS      | B                 | リヤパネル        |              |
| *    | 103   | V8306100 | REAR PANEL                   | RXV630RDS      | G                 | リヤパネル        |              |
| *    | 103   | V8305800 | REAR PANEL                   | RXV630         | L                 | リヤパネル        |              |
| *    | 103   | V8306400 | REAR PANEL                   | HTR5560        | UC                | リヤパネル        |              |
| *    | 103   | V8306600 | REAR PANEL                   | HTR5560        | T                 | リヤパネル        |              |
| *    | 103   | V8506600 | REAR PANEL                   | HTR5560        | K                 | リヤパネル        |              |
| *    | 103   | V8306700 | REAR PANEL                   | HTR5560        | A                 | リヤパネル        |              |
| *    | 103   | V8306900 | REAR PANEL                   | HTR5560RDS     | G                 | リヤパネル        |              |
| *    | 103   | V8305200 | REAR PANEL                   | AX630SE        | B                 | リヤパネル        |              |
| *    | 103   | V8305300 | REAR PANEL                   | AX630SE        | G                 | リヤパネル        |              |
| *    | 113   | V8586300 | DIFFUSER                     |                | RTKABGL           | ディフューザー      |              |
|      | 120   | V0042500 | LEG                          | D60xH21        | GD                | レッグ          | 03           |
|      | 120   | VS025000 | LEG                          | D60xH21        | TI, V630AX630BL   | レッグ          | 02           |
|      | 120   | VV544300 | LEG                          | D60xH21        | 5560BL            | レッグ (B K)    | 02           |
|      | 121   | V6002300 | KNOB D43                     |                | GD                | ノブ D 4 3     | 02           |
| *    | 121   | V6002200 | KNOB D43                     |                | BL                | ノブ D 4 3     |              |
| *    | 121   | V7623800 | KNOB D43                     |                | TI                | ノブ D 4 3     |              |
|      | 122   | V6001700 | KNOB D15                     |                | GD                | ノブ D 1 5     | 01           |
| *    | 122   | V6001600 | KNOB D15                     |                | BL                | ノブ D 1 5     |              |
| *    | 122   | V7624400 | KNOB D15                     |                | TI                | ノブ D 1 5     |              |
|      | 123   | V6876200 | BUTTON/D5                    |                | GD                | ボタン/D 5      |              |
| *    | 123   | V6876100 | BUTTON/D5                    |                | BL                | ボタン/D 5      |              |
| *    | 123   | V8540300 | BUTTON/D5                    |                | TI                | ボタン/D 5      |              |
|      | 131   | V8316600 | PLATE, SIDE                  |                | V630GD, AX630SEGD | プレート/サイド     |              |
| *    | 131   | V8316500 | PLATE, SIDE                  |                | V630BL, AX630SEBL | プレート/サイド     |              |
| *    | 131   | V8316700 | PLATE, SIDE                  |                | V630TI, AX630SETI | プレート/サイド     |              |
| *    | 135   | V8317300 | SHEET, WINDOW                |                | V630GD, V630BL    | シート/ウインドウ    |              |
| *    | 135   | V8317300 | SHEET, WINDOW                |                | 5560GD, 5560TI    | シート/ウインドウ    |              |
| *    | 135   | V8317400 | SHEET, WINDOW                |                | 5560BL            | シート/ウインドウ    |              |
| *    | 135   | V8474700 | SHEET, WINDOW                |                | 5560BL            | シート/ウインドウ    |              |
| *    | 135   | V8848100 | SHEET, WINDOW                |                | 5560TI            | シート/ウインドウ    |              |
|      | 137   | V3422200 | DAMPER                       |                |                   | ダンパー         | 01           |
|      | 139   | V7616600 | DAMPER                       |                |                   | ダンパー         |              |
|      | 155   | VQ368600 | PUSH RIVET                   | P3555-B        | V630, AX630       | プッシュリベット     | 01           |
|      | 160   | VN413300 | BIND HEAD BONDING B-T. SCREW | 3x8 MFZN2BL    |                   | ボンディングBタイトネジ | 01           |
|      | 161   | VV220300 | BIND HEAD B-TITE SCREW       | 3x30 MFZN2BL   |                   | バインドBタイトネジ   | 01           |
|      | 163   | EP600250 | BIND HEAD B-TITE SCREW       | 3x8 MFZN2Y     |                   | バインドBタイトネジ   | 01           |
|      | 166   | EP630210 | BIND HEAD S-TITE SCREW       | 3x6 MFZN2BL    |                   | バインドSタイトネジ   | 01           |
|      | 167   | VT669300 | PW HEAD B-TITE SCREW         | 3x8-8 MFC2     |                   | PWヘッドBタイトネジ  | 01           |
|      | 168   | VT669400 | PW HEAD B-TITE SCREW         | 3x15-8 MFC2    |                   | PWヘッドBタイトネジ  | 01           |
|      | 170   | 21991500 | PW HEAD S-TITE SCREW         | 4x8-10 MFC2BL  |                   | PWヘッドSタイトネジ  | 01           |
|      | 171   | VD069600 | PW HEAD S-TITE SCREW         | 4x8-10 MFNI33  | GD                | PWヘッドSタイトネジ  | 01           |
|      | 171   | 21991500 | PW HEAD S-TITE SCREW         | 4x8-10 MFC2BL  | BL                | PWヘッドSタイトネジ  | 01           |
|      | 171   | VH313200 | BW HEAD S-TITE SCREW         | 4x8-10 MFNI3BL | TI                | BWヘッドSタイトネジ  | 01           |
|      |       |          | ACCESSORIES                  |                |                   | 付属品          |              |
| *    | 200   | V8295000 | REMOTE CONTROL               | RAV240         | BW0910            | JUCRTKAL     | リモコン         |
|      | 200   | V8295100 | REMOTE CONTROL               | RAV241         | BW0911            | BG           | リモコン         |
|      | 200-1 | AAX34140 | BATTERY COVER                | 71-0910-02000  | 71-0910-02000     |              | 電池蓋          |
|      | 202   | V6267000 | INDOOR FM ANTENNA            | 1.4m lpc       |                   | JUCRTK       | F M簡易アンテナ    |
|      | 202   | VQ147100 | INDOOR FM ANTENNA            | 1.4m lpc       |                   | ABGL         | F M簡易アンテナ    |
|      | 203   | VR248500 | AM LOOP ANTENNA              | 1.0m lpc       |                   |              | A Mループアンテナ   |
|      | 204   | VE364900 | ANTENNA ADAPTER              | PAL 75-300Ω    |                   | B            | 整合器          |
|      |       |          | BATTERY, MANGANESE           | UM-4NE (2PC)   |                   |              | マンガン電池 2 P C |

\* New Parts \* 新規部品(マーク#の部品は、基板に含まれません)

■ REMOTE CONTROL RAV232, RAV233 (RX-V730/RX-V730RDS)  
 ● SCHEMATIC DIAGRAM



| Key No. | Schematic Key No. | Function            | Default Code |
|---------|-------------------|---------------------|--------------|
| 4       | K10               | SYSTEM POWER        | 7A-1D        |
| 5       | K12               | STANDBY             | 7A-1E        |
| 6       | K4                | SLEEP               | 7A-57        |
| 7       | K3                | 6CH INPUT           | 7A-87        |
| 8       | K14               | A                   | —            |
| 9       | K11               | B                   | —            |
| 10      | K2                | C                   | —            |
| 11      | K5                | PHONO               | 7A-14        |
| 12      | K9                | VAUX                | 7A-55        |
| 13      | K13               | TUNER               | 7A-16        |
| 14      | K1                | MD/CD-R             | 7A-C9        |
| 15      | K6                | CD                  | 7A-15        |
| 16      | K15               | D-TV/CBL            | 7A-54        |
| 17      | K16               | VCR 1               | 7A-0F        |
| 18      | K8                | VCR2/DVR            | 7A-13        |
| 19      | K7                | DVD                 | 7A-C1        |
| 20      | K55               | A                   | —            |
| 21      | K54               | V                   | —            |
| 22      | K25               | POWER [TV]          | —            |
| 23      | K50               | POWER [AV]          | 004-012      |
| 25      | K32               | REC [O]             | —            |
| 26      | K27               | DD                  | 004-046      |
| 27      | K51               | AUDIO               | —            |
| 28      | K31               | ↔                   | 004-033      |
| 29      | K26               | ▷                   | 004-044      |
| 30      | K49               | ▷▷                  | 004-032      |
| 31      | K30               | ↔↔                  | 004-041      |
| 32      | K23               | □                   | 004-049      |
| 33      | K24               | ▷▷                  | 004-040      |
| 34      | K52               | VOL +               | 7A-1A        |
| 35      | K17               | VOL -               | 7A-1B        |
| 36      | K29               | LEVEL [TITLE]       | 004-113      |
| 37      | K22               | TV VOL +            | 004-088      |
| 38      | K19               | SET MENU [MENU]     | 004-084      |
| 39      | K28               | CH -                | 004-090      |
| 40      | K21               | TV MUTE SELECT      | 004-092      |
| 41      | K20               | CH +                | 004-091      |
| 42      | K18               | MUTE                | 7A-1C        |
| 43      | K47               | TEST [RETURN]       | 004-131      |
| 44      | K48               | TV VOL -            | 004-089      |
| 45      | K39               | ON SCREEN [DISPLAY] | 004-015      |
| 46      | K40               | STEREO              | 7A-56        |
| 47      | K46               | 1                   | 004-001      |
| 48      | K45               | 2                   | 004-002      |
| 49      | K38               | 3                   | 004-003      |
| 50      | K37               | 4                   | 004-004      |
| 51      | K43               | 5                   | 004-005      |
| 52      | K44               | 6                   | 004-006      |
| 53      | K35               | 7                   | 004-007      |
| 54      | K36               | 8                   | 004-008      |
| 55      | K42               | 9                   | 004-009      |
| 56      | K41               | 10                  | 004-000      |
| 57      | K34               | 11                  | 004-120      |
| 58      | K33               | 12                  | —            |



| DVD      | LD     | CD       | CD-R   | MD       | TAPE     | TUNER    | DSP      |
|----------|--------|----------|--------|----------|----------|----------|----------|
| Yamaha 1 | Yamaha | Yamaha 1 | Yamaha | Yamaha 1 | Yamaha 1 | Yamaha 1 | Yamaha 2 |
| —        | —      | —        | —      | —        | —        | —        | —        |
| 7C-80    | —      | —        | —      | —        | —        | —        | —        |
| 7C-8B    | —      | 7A-4F    | —      | 79-AF    | 7A-04    | —        | —        |
| 7C-83    | 7C-5A  | 7A-09    | 79-55  | 79-A9    | —        | —        | —        |
| 7C-AD    | 7C-12  | —        | —      | —        | 7A-06    | 7F-06    | —        |
| 7C-B9    | 7C-02  | 7A-0B    | 79-04  | 79-AB    | 7A-07    | 7F-07    | —        |
| 7C-82    | 7C-05  | 7A-08    | 79-02  | 79-A8    | 7A-00    | 7F-00    | —        |
| 7C-BA    | 7C-03  | 7A-0A    | 79-07  | 79-AE    | 7A-40    | 7F-08    | —        |
| 7C-86    | 7C-06  | 7A-0D    | 79-05  | 79-AC    | 7A-01    | 7F-01    | —        |
| 7C-85    | 7C-5B  | 7A-09    | 79-56  | 79-AA    | 7A-03    | 7F-03    | —        |
| 7C-87    | 7C-07  | 7A-0C    | 79-06  | 79-AD    | 7A-02    | 7F-02    | —        |
| 7A-1B    |        |          |        |          |          |          |          |
| 7A-1B    |        |          |        |          |          |          |          |
| 7C-B1    | —      | —        | —      | —        | —        | —        | 7A-86    |
| 7C-B4    | —      | —        | —      | —        | —        | —        | 7A-88    |
| 7C-B2    | —      | —        | —      | —        | —        | 7A-12    | D1-0D    |
| 7C-B5    | —      | —        | —      | —        | —        | 7A-11    | 7A-9C    |
| 7C-B8    | —      | —        | —      | —        | —        | —        | 7A-53    |
| 7C-B6    | —      | —        | —      | —        | —        | —        | —        |
| 7A-1C    |        |          |        |          |          |          |          |
| 7C-B7    | —      | —        | —      | —        | —        | —        | 7A-85    |
| 7C-B3    | —      | —        | —      | —        | —        | —        | 7A-89    |
| 7C-A6    | 7C-13  | 79-0A    | 79-0A  | 79-A5    | —        | —        | 7A-C2    |
| 7A-56    |        |          |        |          |          |          |          |
| 7C-94    | 7C-17  | 79-11    | 79-11  | 79-85    | —        | 7A-E5    | D1-0E    |
| 7C-95    | 7C-18  | 79-12    | 79-12  | 79-86    | —        | 7A-E6    | D1-0F    |
| 7C-96    | 7C-19  | 79-13    | 79-13  | 79-87    | —        | 7A-E7    | D1-10    |
| 7C-97    | 7C-1A  | 79-14    | 79-14  | 79-88    | —        | 7A-E8    | D1-11    |
| 7C-98    | 7C-1B  | 79-15    | 79-15  | 79-89    | —        | 7A-E9    | D1-12    |
| 7C-99    | 7C-1C  | 79-16    | 79-16  | 79-8A    | —        | 7A-EA    | D1-13    |
| 7C-1D    | 7C-1D  | 79-17    | 79-17  | 79-8B    | —        | 7A-EB    | D1-14    |
| 7C-9B    | 7C-1E  | 79-18    | 79-18  | 79-8C    | —        | 7A-EC    | D1-15    |
| 7C-9C    | 7C-1F  | 79-19    | 79-19  | 79-8D    | —        | —        | —        |
| 7C-93    | 7C-16  | 79-10    | 79-10  | 79-8E    | —        | —        | 7A-96    |
| 7C-9D    | 7C-5D  | 79-1A    | 79-1A  | 79-8F    | —        | —        | —        |
| 7C-9E    | 7C-15  | 79-0B    | 79-0B  | 79-8A    | —        | —        | 7A-97    |

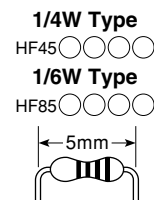
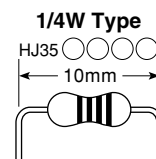
■ **REMOTE CONTROL RAV240, RAV241 (RX-V630/RX-V630RDS/HTR-5560/HTR-5560RDS/DSP-AX630/DSP-AX630SE)**

The diagram illustrates the internal circuitry of a portable digital TV receiver. The central component is the P44047 IC, which is connected to a 4.0MHz crystal (X1) and various capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C190, C191, C192, C193, C194, C195, C196, C197, C198, C199, C200, C201, C202, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C218, C219, C220, C221, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C239, C240, C241, C242, C243, C244, C245, C246, C247, C248, C249, C250, C251, C252, C253, C254, C255, C256, C257, C258, C259, C260, C261, C262, C263, C264, C265, C266, C267, C268, C269, C270, C271, C272, C273, C274, C275, C276, C277, C278, C279, C280, C281, C282, C283, C284, C285, C286, C287, C288, C289, C290, C291, C292, C293, C294, C295, C296, C297, C298, C299, C300, C301, C302, C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C324, C325, C326, C327, C328, C329, C330, C331, C332, C333, C334, C335, C336, C337, C338, C339, C340, C341, C342, C343, C344, C345, C346, C347, C348, C349, C350, C351, C352, C353, C354, C355, C356, C357, C358, C359, C360, C361, C362, C363, C364, C365, C366, C367, C368, C369, C370, C371, C372, C373, C374, C375, C376, C377, C378, C379, C380, C381, C382, C383, C384, C385, C386, C387, C388, C389, C390, C391, C392, C393, C394, C395, C396, C397, C398, C399, C400, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424, C425, C426, C427, C428, C429, C430, C431, C432, C433, C434, C435, C436, C437, C438, C439, C440, C441, C442, C443, C444, C445, C446, C447, C448, C449, C450, C451, C452, C453, C454, C455, C456, C457, C458, C459, C460, C461, C462, C463, C464, C465, C466, C467, C468, C469, C470, C471, C472, C473, C474, C475, C476, C477, C478, C479, C480, C481, C482, C483, C484, C485, C486, C487, C488, C489, C490, C491, C492, C493, C494, C495, C496, C497, C498, C499, C500, C501, C502, C503, C504, C505, C506, C507, C508, C509, C510, C511, C512, C513, C514, C515, C516, C517, C518, C519, C520, C521, C522, C523, C524, C525, C526, C527, C528, C529, C530, C531, C532, C533, C534, C535, C536, C537, C538, C539, C540, C541, C542, C543, C544, C545, C546, C547, C548, C549, C550, C551, C552, C553, C554, C555, C556, C557, C558, C559, C560, C561, C562, C563, C564, C565, C566, C567, C568, C569, C570, C571, C572, C573, C574, C575, C576, C577, C578, C579, C580, C581, C582, C583, C584, C585, C586, C587, C588, C589, C590, C591, C592, C593, C594, C595, C596, C597, C598, C599, C600, C601, C602, C603, C604, C605, C606, C607, C608, C609, C610, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C774, C775, C776, C777, C778, C779, C780, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811,

[illegible]

# Parts List for Carbon Resistors

| Value  | 1/4W Type Part No. | 1/6W Type Part No. | Value  | 1/4W Type Part No. | 1/6W Type Part No. |
|--------|--------------------|--------------------|--------|--------------------|--------------------|
| 1.0 Ω  | HJ35 3100          | HF85 3100          | 10 kΩ  | HF45 7100          | HF45 7100          |
| 1.8 Ω  | HJ35 3180          | *                  | 11 kΩ  | HF45 7110          | HF45 7110          |
| 2.2 Ω  | HJ35 3220          | HF85 3220          | 12 kΩ  | HJ35 7120          | HF85 7120          |
| 3.3 Ω  | HJ35 3330          | HF85 3330          | 13 kΩ  | HF45 7130          | HF45 7130          |
| 4.7 Ω  | HJ35 3470          | HF85 3470          | 15 kΩ  | HF45 7150          | HF45 7150          |
| 5.6 Ω  | HJ35 3560          | HF85 3560          | 18 kΩ  | HF45 7180          | HF45 7180          |
| 10 Ω   | HF45 4100          | HF45 4100          | 22 kΩ  | HF45 7220          | HF45 7220          |
| 15 Ω   | HJ35 4150          | HF85 4150          | 24 kΩ  | HF45 7240          | HF45 7240          |
| 22 Ω   | HF45 4220          | HF45 4220          | 27 kΩ  | HJ35 7270          | HF85 7270          |
| 27 Ω   | HJ35 4270          | HF85 4270          | 30 kΩ  | HF45 7300          | HF45 7300          |
| 33 Ω   | HF45 4330          | HF45 4330          | 33 kΩ  | HF45 7330          | HF45 7330          |
| 39 Ω   | HJ35 4470          | HF85 4390          | 36 kΩ  | HF45 7360          | HF45 7360          |
| 47 Ω   | HF45 4470          | HF45 4470          | 39 kΩ  | HF45 7390          | HF45 7390          |
| 56 Ω   | HF45 4560          | HF45 4560          | 47 kΩ  | HF45 7470          | HF45 7470          |
| 68 Ω   | HF45 4680          | HF45 4680          | 51 kΩ  | HF45 7510          | HF45 7510          |
| 75 Ω   | HF45 4750          | HF45 4750          | 56 kΩ  | HF45 7560          | HF45 7560          |
| 82 Ω   | HF45 4820          | HF45 4820          | 62 kΩ  | HF45 7620          | HF45 7620          |
| 91 Ω   | HF45 4910          | HF45 4910          | 68 kΩ  | HF45 7680          | HF45 7680          |
| 100 Ω  | HF45 5100          | HF45 5100          | 82 kΩ  | HF45 7820          | HF45 7820          |
| 110 Ω  | HJ35 5110          | HF85 5110          | 91 kΩ  | HF45 7910          | HF45 7910          |
| 120 Ω  | HF45 5120          | HF45 5120          | 100 kΩ | HF45 8100          | HF45 8100          |
| 150 Ω  | HF45 5150          | HF45 5150          | 110 kΩ | HF45 8110          | HF45 8110          |
| 160 Ω  | HJ35 5160          | *                  | 120 kΩ | HF45 8120          | HF45 8120          |
| 180 Ω  | HF45 5180          | HF45 5180          | 150 kΩ | HF45 8150          | HF45 8150          |
| 200 Ω  | HF45 5200          | HF45 5200          | 180 kΩ | HF45 8180          | HF45 8180          |
| 220 Ω  | HF45 5220          | HF45 5220          | 220 kΩ | HJ35 8220          | HF85 8220          |
| 270 Ω  | HF45 5270          | HF45 5270          | 270 kΩ | HF45 8270          | HF45 8270          |
| 330 Ω  | HF45 5330          | HF45 5330          | 300 kΩ | HF45 8300          | HF45 8300          |
| 390 Ω  | HF45 5390          | HF45 5390          | 330 kΩ | HF45 8330          | HF45 8330          |
| 430 Ω  | HF45 5430          | HF45 5430          | 390 kΩ | HJ35 8390          | HF85 8390          |
| 470 Ω  | HF45 5470          | HF45 5470          | 470 kΩ | HF45 8470          | HF45 8470          |
| 510 Ω  | HF45 5510          | HF45 5510          | 560 kΩ | HJ35 8560          | HF85 8560          |
| 560 Ω  | HF45 5560          | HF45 5560          | 680 kΩ | HJ35 8680          | HF85 8680          |
| 680 Ω  | HF45 5680          | HF45 5680          | 820 kΩ | HJ35 8820          | HF85 8820          |
| 820 Ω  | HF45 5820          | HF45 5820          | 1.0 MΩ | HF45 9100          | HF45 9100          |
| 910 Ω  | HF45 5910          | HF45 5910          | 1.2 MΩ | HJ35 9120          | *                  |
| 1.0 kΩ | HF45 6100          | HF45 6100          | 1.5 MΩ | HJ35 9150          | HF85 9150          |
| 1.2 kΩ | HF45 6120          | HF45 6120          | 1.8 MΩ | HJ35 9180          | HF85 9180          |
| 1.5 kΩ | HF45 6150          | HF45 6150          | 2.2 MΩ | HJ35 9220          | HF85 9220          |
| 1.8 kΩ | HF45 6180          | HF45 6180          | 3.3 MΩ | HJ35 9330          | HF85 9330          |
| 2.0 kΩ | HJ35 6200          | HF85 6200          | 3.9 MΩ | HJ35 9390          | *                  |
| 2.2 kΩ | HF45 6220          | HF45 6220          | 4.7 MΩ | HJ35 9470          | HF85 9470          |
| 2.4 kΩ | HJ35 6240          | HF85 6240          |        |                    |                    |
| 2.7 kΩ | HF45 6270          | HF45 6270          |        |                    |                    |
| 3.0 kΩ | HF45 6300          | HF45 6300          |        |                    |                    |
| 3.3 kΩ | HF45 6330          | HF45 6330          |        |                    |                    |
| 3.6 kΩ | HJ35 6360          | HF85 6360          |        |                    |                    |
| 3.9 kΩ | HF45 6390          | HF45 6390          |        |                    |                    |
| 4.7 kΩ | HF45 6470          | HF45 6470          |        |                    |                    |
| 5.1 kΩ | HF45 6510          | HF45 6510          |        |                    |                    |
| 5.6 kΩ | HF45 6560          | HF45 6560          |        |                    |                    |
| 6.8 kΩ | HF45 6680          | HF45 6680          |        |                    |                    |
| 8.2 kΩ | HF45 6820          | HF45 6820          |        |                    |                    |
| 9.1 kΩ | HF45 6910          | HF45 6910          |        |                    |                    |



\* : Not available