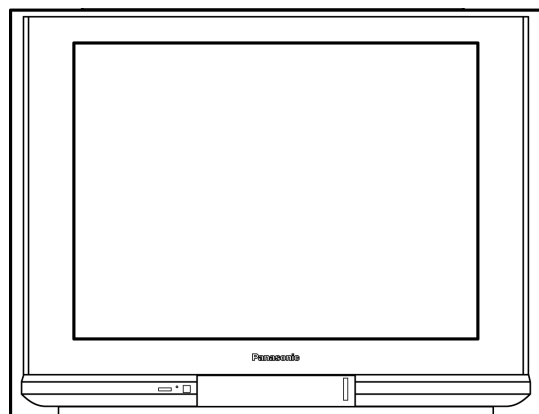


# Service Manual

## Colour Television



### TX-25P92X

MX-12 Chassis

### Specification

|                        |                                    |                                     |   |
|------------------------|------------------------------------|-------------------------------------|---|
| Power Source           | AC Auto 110-240 V, 50/60 Hz        | Video                               | 31.5 MHz (D, K) / 32.5 MHz (B, G)   |
| Power Consumption      | 139 W                              |                                     | 32.0 MHz (I) / 32.5 MHz (M)   |
|                        | Standby condition : 2 W            | Sound                               | 33.57 MHz (PAL) /   |
| Aerial Terminal        | Impedance : 75Ω, Coaxial type      | Colour                              | 33.6 MHz (SECAM)  |
| Tuning System          | <b>Frequency Synthesizer</b>       |                                     | 34.42 MHz (NTSC) /  |
|                        | Auto Search Tuning                 |                                     | 33.75 MHz (SECAM)   |
|                        | Pos : 100 Positions                | Receiving Stereo Sound System       | QUADRA STEREO   |
| Receiving System       | 17 Systems                         | Video/Audio/Terminals               | IN S-Video Y:1.0Vp-p 75Ω  |
| Receiving Channels     | Regular TV                         | AV 1, 2, 3, 4                       | DVD IN S-Video C:0.3Vp-p 75Ω  |
| VHF BAND               | 2-12 (PAL/SECAM B, K1)             | Y / P <sub>B</sub> / P <sub>R</sub> | (Phone Type) Y:1.0Vp-p 75Ω PB,  |
|                        | 0-12 (PAL B AUST.)                 |                                     | PR:0.7Vp-p 75Ω Video 1.0Vp-p  |
|                        | 1-9 (PAL B N.Z.)                   |                                     | 75Ω Audio Approx. 400mV 47KΩ  |
|                        | 1-12 (PAL/SECAM D)                 | Monitor Out                         | Video 1.0Vp-p 75Ω   |
|                        | 1-12 (NTSC M Japan)                | High Voltage                        | Audio Approx. 400mV 47KΩ  |
|                        | 2-13 (NTSC M U.S.A)                |                                     | 30.0 ±1.0V at zero  |
| UHF BAND               | 21-69 (PAL G, H, I/SECAM G, K, K1) |                                     | beam current  |
|                        | 28-69 (PAL B AUST.)                | Picture Tube                        | A60LUQ086X Type 25 (60 cm)  |
|                        | 13-57 (PAL D, K)                   |                                     | Measured diagonally,  |
|                        | 13-62 (NTSC M Japan)               | Audio Output                        | 104° deflection   |
|                        | 14-69 (NTSC M U.S.A.)              | Dimensions (W x D x H)              | 20 W speaker  |
| CATV                   | S1-S20 (OSCAR)                     | Weight (Mass)                       | 650 mm x 471 mm x 530 mm  |
|                        | 1-125 (U.S.A. CATV)                |                                     | 37 kg (Net)   |
|                        | C13-C49 (JAPAN)                    |                                     |   |
|                        | S21-S41 (HYPER)                    |                                     |   |
|                        | Z1-Z37 (CHINA)                     |                                     |   |
| Intermediate Frequency | 38.0 MHz                           | <b>Note:</b>                        |   |
|                        |                                    |                                     | Specifications are subject to change without notice. Mass and dimensions shown are approximate. |

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## ⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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# 1 Safety Precautions

## 1.1. General Guide

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis. Fig. 1.

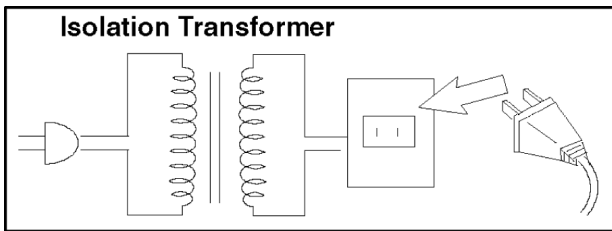


Fig. 1

2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, observe that all the protective devices such as insulation barriers, insulation papers, shields, and insulation R-C combinations, are properly installed.
4. When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.
5. Potential, as high as **31.7 kV** is present when this receiver is in operation. Operation of the receiver without the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.

After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

## 1.2. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug. Fig. 2.

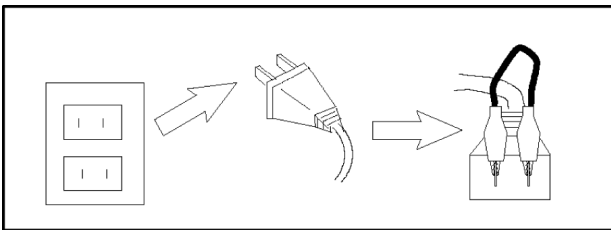


Fig. 2

2. Turn on the receiver's power switch.
3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aeriels, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between **4 MΩ and 20 MΩ**. When the exposed metal does not have a return path to the chassis, the reading must be zero.

## 1.3. Leakage Current Hot Check (See Fig. 1)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a **2 kΩ, 10 W** resistor in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter, with high impedance type, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point. Fig. 3.

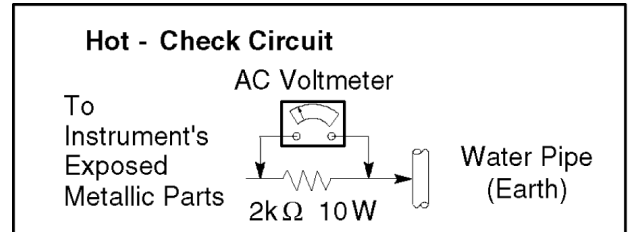


Fig. 3

5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential any point should not exceed **1.0 V rms**. In the case of a measurement being outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and re-checked before it is returned to the customer. Fig. 4.

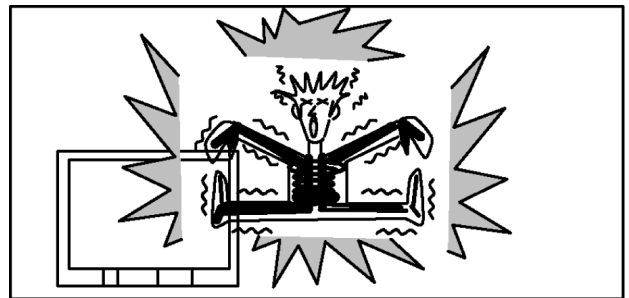


Fig. 4

## 1.4. X-Radiation

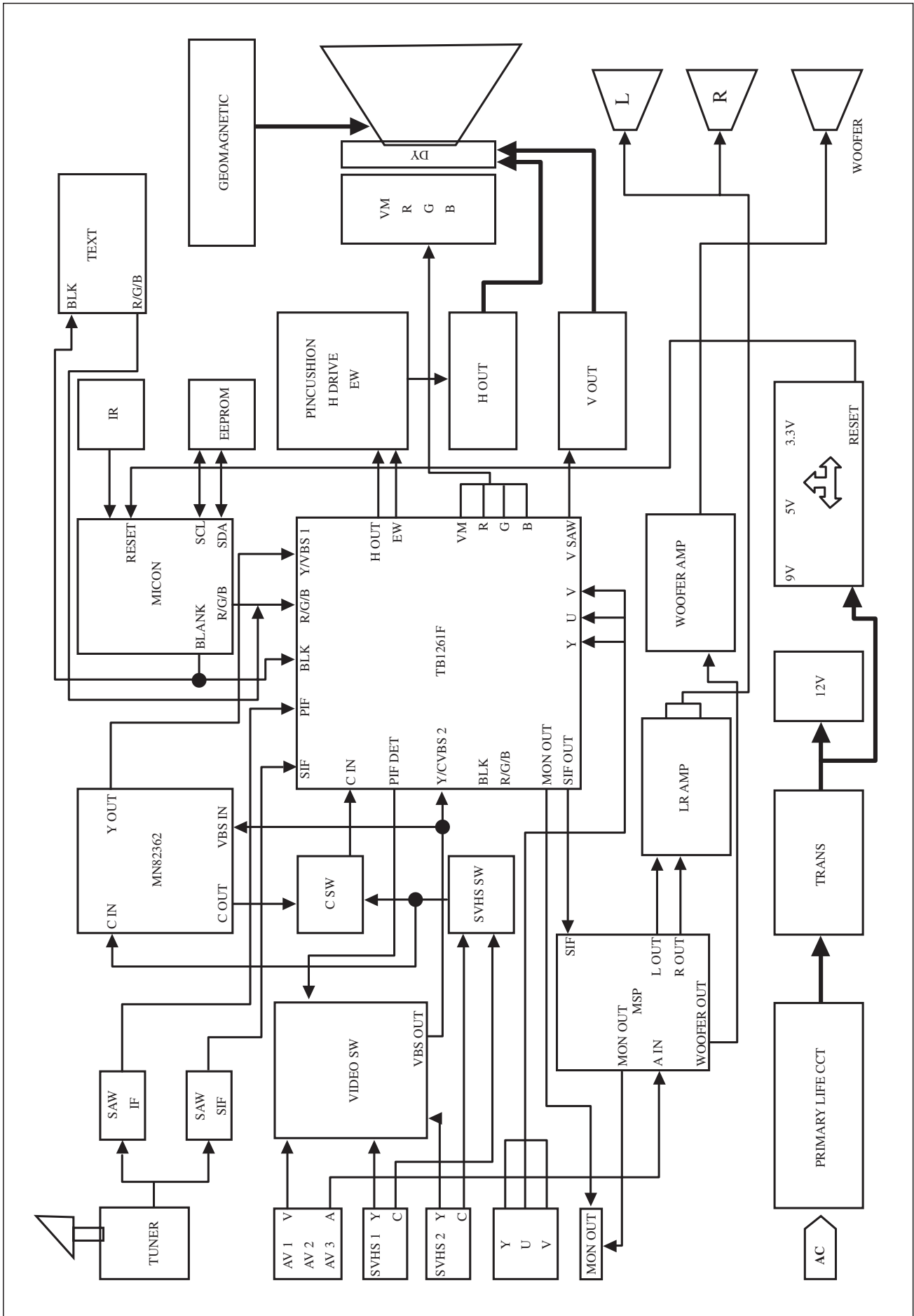
Warning :

1. The potential sources of X-Radiation in TV sets are the EHT section and the picture tube.
2. When using a picture tube test rig for service, ensure that the rig is capable of handling **29.5 kV** without causing X-Radiation.

**Note:** It is important to use an accurate periodically calibrated high voltage meter.

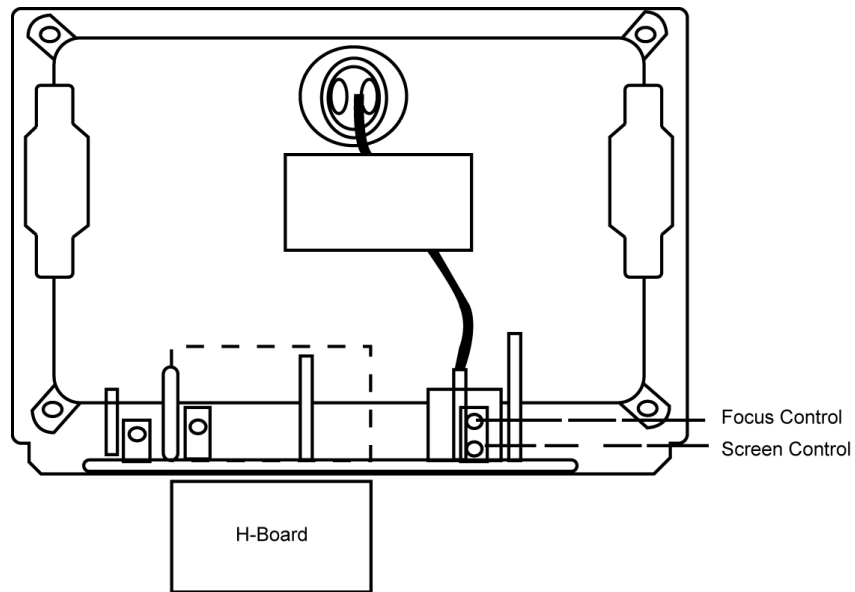
1. Set the brightness to minimum.
2. Measure the High Voltage. The meter reading should indicate **31.0 +0.7, -1.5kV**. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent the possibility of X-Radiation, it is essential to use the specified picture tube.

# 1.5. MX-12 Block Diagram



## 2 Location of Controls and Circuit Boards

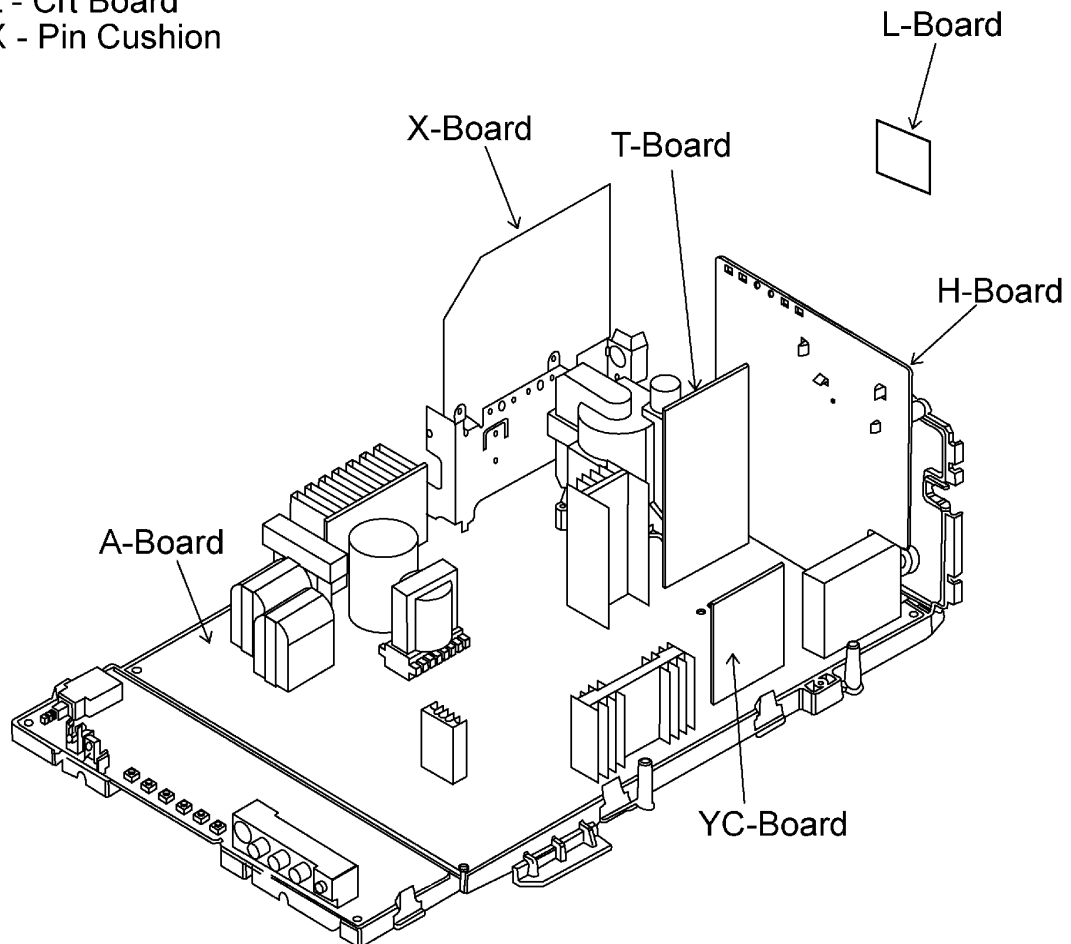
### 2.1. REAR VIEW



### 2.2. LOCATION AND FUNCTION NAME OF CIRCUIT BOARD

A - Main  
 H - Rear AV  
 L - Crt Board  
 X - Pin Cushion

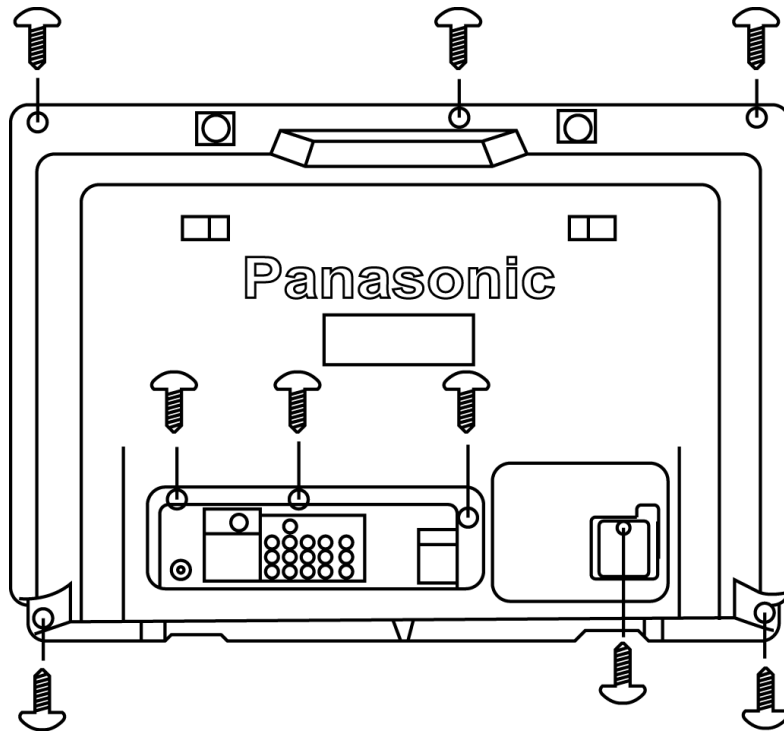
YC - Board  
 T - Board



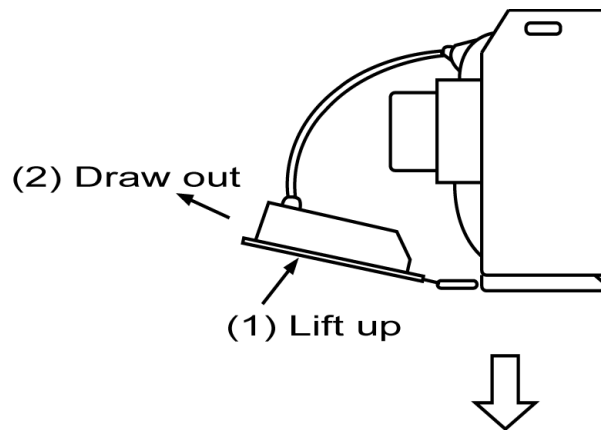
### 3 Service Hints

#### 3.1. HOW TO MOVE CHASSIS INTO SERVICE POSITION.

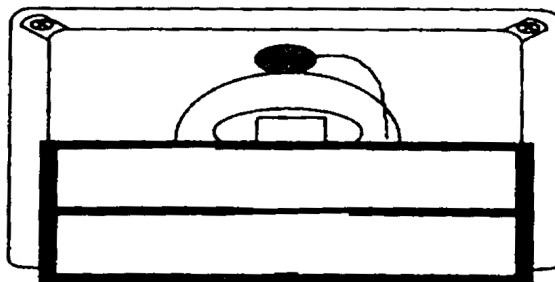
1. Remove 9 screws.



2. Draw out Main Chassis.



3. Stand the Main Chassis.



## 4 Market Mode Function

### Outline:

MPU controls the functions switching for each ICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Market Mode.

#### 1. Selection of Market Mode

Adjust the VOLUME "zero" and set OFF TIMER Button to 30 min. Then, simultaneously press the RECALL Button on the remote control and the VOLUME DOWN button - the TV set.

#### 2. Selection of CHK Mode

Cursor moves each CHK Mode by pressing "1" or "2" of 10 key button on the remote control.

#### 1. CHK 1

|          |    |
|----------|----|
| OPTION 1 | FF |
| OPTION 2 | 00 |
| OPTION 3 | 00 |
| OPTION 4 | 00 |
| OPTION 5 | F0 |
| OPTION 6 | 81 |
| OPTION 7 | 01 |
| OPTION 8 | 7B |
| OPTION 9 | F8 |
|          |    |

#### 2. CHK 2

|            |        |
|------------|--------|
| RF AGC     | 1E H   |
| AGC - LVL  | 0A H   |
| S CONT     | 67 H   |
| S-COL      | 46 H   |
| S-TINT     | 0B - H |
| SECAM B-Y  | 07 H   |
| SECAM R-Y  | 07 H   |
| TEXT S LVL | 47 H   |

#### 3. CHK 3

|       |      |
|-------|------|
| S-BRI | 0A H |
| R-DRV | 42 H |
| B-DRV | 50 H |
| R-CUT | 51 H |
| G-CUT | 75 H |
| B-CUT | 9A H |

#### 4. CHK 4

|         |      |
|---------|------|
| S-GEO   | 1F H |
| H POS   | 0C H |
| V POS   | 01 H |
| H-AMP   | 2F H |
| V-AMP   | 49 H |
| PARAB   | 47 H |
| TRAPE   | 21 H |
| V-LIN   | 07 H |
| T-COR   | 14 H |
| B-COR   | 14 H |
| V-S-COR | 0D H |
| V-H-PAR | 02 H |
| V-H-BOW | 03 H |

## 5 Adjustment Procedure

### 5.1. B VOLTAGE

| Item/Preparation  | Adjustment Procedure  |
|---|---|
| 1. Operate the TV set.<br><br>2. Set controls : (MARKET MODE CHK 2)<br>Bright ..... Minimum<br>Contrast ..... Minimum<br>Volume ..... Minimum | 1. Confirm that the indicated test points for the specified voltage:<br>TPA 140 : $141 \pm 2V$<br>TPA 12 : $12 \pm 0.5V$<br>TPA 9 : $9 \pm 0.5V$<br><br>TPA 5 & TPA 6 : $5 \pm 0.5V$<br>TPA 220 : $220 \pm 15V$<br>TPA 3 : $3.3 \pm 0.2V$ |

### 5.2. RF AGC

| Item/Preparation   | Adjustment Procedure   |
|--|--|
| 1. Receive a colour bar pattern.<br>2. Set the input level to 69 (+1.2) db.<br>(75Ω opened)<br>3. Set RF AGC in CHK 2. | 1. Set RF AGC Control such as to procedure a snowy picture.<br>2. Set RF AGC Control at the point just before the voltage at AGC : TPA 20 begins to drop.<br>3. Increase the input level by 3 db and confirm that the voltage changes. |

### 5.3. HIGH VOLTAGE

| Item/Preparation   | Adjustment Procedure  |
|--|---|
| 1. Operate the TV set.<br><br>2. Receive the crosshatch pattern.<br><br>3. Set to 0 Beam<br>(Screen Control : min. CONTRAST : min) | 1. Connect a DC voltage meter to D850 cathode and confirm the voltage is $141.0 \pm 2.0V$ .<br>2. Connect a high voltage meter (Electrostatic Type) to an anode of the picture tube.<br>3. Confirm that the high voltage is within the range of $30.0 \pm 1.0V$ . |

### 5.4. SUB TINT

| Item/Preparation   | Adjustment Procedure  |
|--|---|
| 1. Receive a 3.58 MHz NTSC rainbow pattern<br>2. Connect oscilloscope to A21 pin 6.<br>3. Set controls:<br>BRT.....CENTER<br>COLOUR.....CENTER<br>CONTRAST.....MAX<br>NTSC TINT.....CENTER<br>AI.....OFF | 1. Adjust Sub NTSC Tint so that the peak of level of waveform is similar to Fig. 3<br>2. Receive the Rainbow pattern (3.58 MHz NTSC) on both of Main and Sub pictures.<br>3. Adjust Sub NTSC Tint 2 so that the peak of level of $1.3 \pm 0.5V$ |

### 5.5. SUB CONTRAST

| Item/Preparation   | Adjustment Procedure   |
|--|--|
| 1. Receive a colour bar pattern.<br><br>2. Connect an oscilloscope to TPA37 or TPL2 (G OUT).<br>3. Connect a short jumper to FBT pin3 or TPA 34 and TPA 5..<br>4. Set controls:<br>Picture menu ..... Dynamic Normal<br>AI ..... off | 1. Adjust Bright Colour:<br>a = $2.4 \pm 0.2Vp-p$<br>2. Adjust Sub Contrast Colour:<br>b = $2.7 \pm 0.1Vp-p$ |



## 5.6. PAL COLOUR OUTPUT

| Item/Preparation  | Adjustment Procedure  |
|---|---|
| 1. Receive PAL colour bar pattern.<br><br>2. Connect an oscilloscope probe to TPA 37 or TPL2 (G OUT).<br>3. Connect a short jumper to FBT pin 3 or TPA34 and TPA5.<br>4. Set control :<br>Picture menu.....DYNAMIC NORMAL<br>Al.....off | 1. Adjust Bright Control.<br><b>a = 2.3 ± 0.5Vp-p</b><br>2. Adjust Sub Colour control.<br>3. Connect the oscilloscope probe to TPA40.<br><br>4. Connect the waveform.<br><b>b = 3.1 ± 0.5Vp-p</b> |

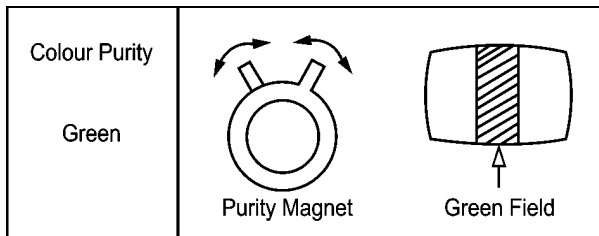
## 5.7. NTSC COLOUR OUTPUT

| Item/Preparation  | Adjustment Procedure  |
|---|---|
| 1. Apply 3.58MHz NTSC Rainbow pattern.<br><br>2. Connect an oscilloscope to TPA36 or TPL1 (R OUT).<br><br>3. Connect a short jumper to FBT pin 3 or TPA34 and TPA5.<br>4. Set control :<br>Picture menu.....DYNAMIC CONTROL<br>Channel Colour Set.....STD | 1. Adjust Bright Control.<br><b>a = 2.3 ± 0.2Vp-p</b><br>2. Connect the waveform.<br><b>b = 1.3 ± 0.5Vp-p</b> |

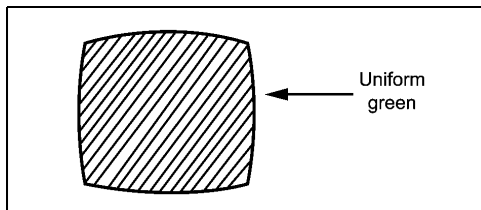
Before Colour Purity, Convergence and White Balance adjustments are attempted, V. Center, V. Height, H. Width, H. Center and Focus adjustments must be completed.

## 5.8. COLOUR PURITY

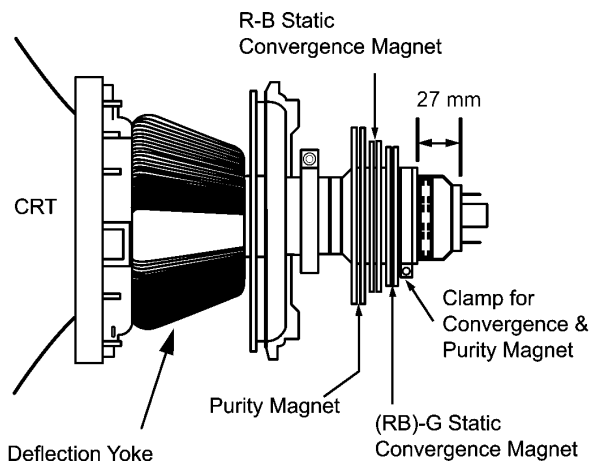
1. Set Bright and Contrast controls to their maximum positions.
2. Operate the TV set over 60 minutes.
3. Full degauss the picture tube by using an external degaussing coil. By rotating R-B static convergence magnet.
4. Apply a crosshatch pattern signal and adjust roughly the static convergence magnets.
5. Apply a green pattern signal.
6. Loosen a clamp screw for the Deflection Yoke and move the Deflection Yoke as close to the purity magnet as possible.
7. Adjust the purity magnet so that a vertical green field is obtained at the center of the screen.



8. Slowly press the Deflection Yoke and set it where a uniform green field is obtained.



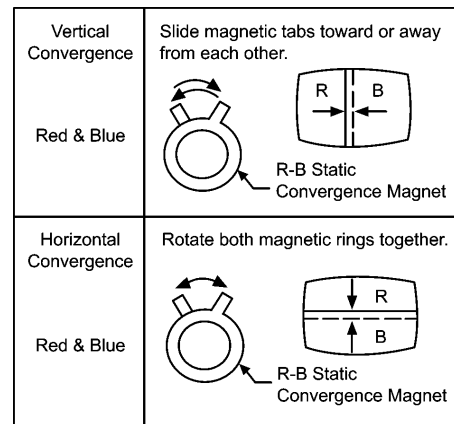
9. Adjust roughly the Low Light controls and make sure that a uniform white field is obtained.
10. Tighten the clamp screw.



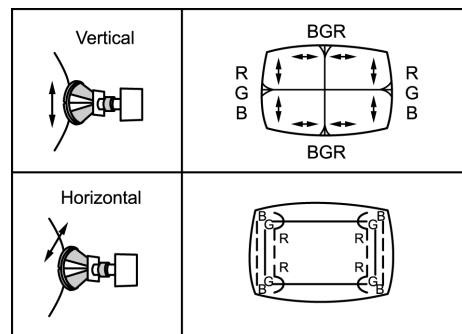
## 5.9. CONVERGENCE

1. Apply a crosshatch pattern signal and set Contrast control to the maximum position.

2. Adjust Bright control to obtain a clear pattern.
3. Adjust Red and Blue line at center of the screen.



4. Adjust Red and Blue with Green line at center of the screen by rotating (RB)-G static convergence magnet.
5. Lock convergence magnets with silicone sealer.
6. Remove the DY wedges and slightly tilt the Deflection Yoke vertically.



7. Fix the Deflection Yoke by re-inserting the DY wedges.
8. If purity error is found, repeat "Colour Purity" adjustment.

## 5.10. WHITE BALANCE (MARKET MODE CHK 3)

### Preparation

1. Receive a colour bar signal with colour "OFF", and operate the TV set for more than 30 minutes.
2. Set the picture menu to "DYNAMIC NORMAL" and the AI to off.
3. Connect an oscilloscope to TPL7 with DC mode.
4. Set the TV set to Market Mode : white balance adjustment (CHK 3).
5. Screen VR : Min.
6. Set the data level of RGB CUT OFF / DRIVE and SUB BRIGHT.

| Display    | Data Level |
|------------|------------|
| R-CUT OFF  | 63         |
| G-CUT OFF  | 128        |
| B-CUT OFF  | 63         |
| R-DRIVE    | 128        |
| B-DRIVE    | 128        |
| SUB BRIGHT | 63         |

### Adjustment of Low Light

1. Adjustment Sub Bright, so that  $Y = 6.5 \pm 1.0$  nit.
2. Adjustment R-CUT OFF, so that  $X = 0.243 \pm 0.010$  nit.
3. Adjustment G-CUT OFF, so that  $Y = 0.255 \pm 0.010$  nit.

### Adjustment of Low Light

1. Adjustment Sub Bright, so that  $Y = 150$  nit.
2. Adjustment R-Drive, so that  $X = 0.260 \pm 0.010$  nit.
3. Adjustment B-Drive, so that  $Y = 0.265 \pm 0.010$  nit.

### Adjustment

1. Select G-CUTOFF adjustment mode and collapse vertical scan.
2. Adjust G-CUTOFF control to become the DC=0 V to video level at 180 V as shown in Fig. 1.

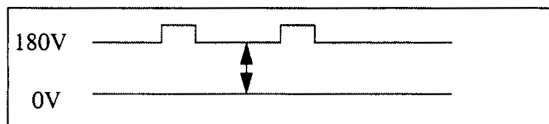
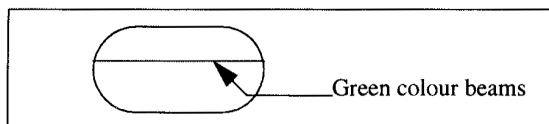


Fig. 1

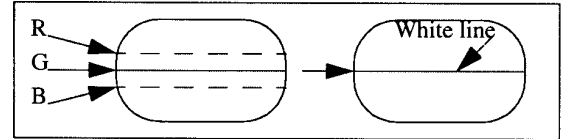
3. Slowly turn the screen control clockwise until a green colour horizontal line appears on the picture tube. This is the setting point for the screen control.

Note:

Do not adjust the G-CUTOFF setting in the following procedure.



4. Adjust the remaining R and B-CUTOFF controls so as to get a white horizontal line on the screen.



5. Return to full field SCAN by pushing the position 5 key on the remote control.
6. Adjust the R-Drive and B-Drive controls as to obtain a uniform white on the white bar of the greyscale pattern.
7. Confirm correct B/W rendition and greyscale tracking or repeat CUTOFF and drive control setup.

### Note:

Write down the original value for each address adjustment before adjusting anything.

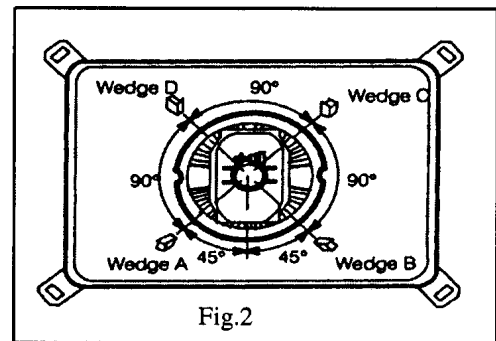
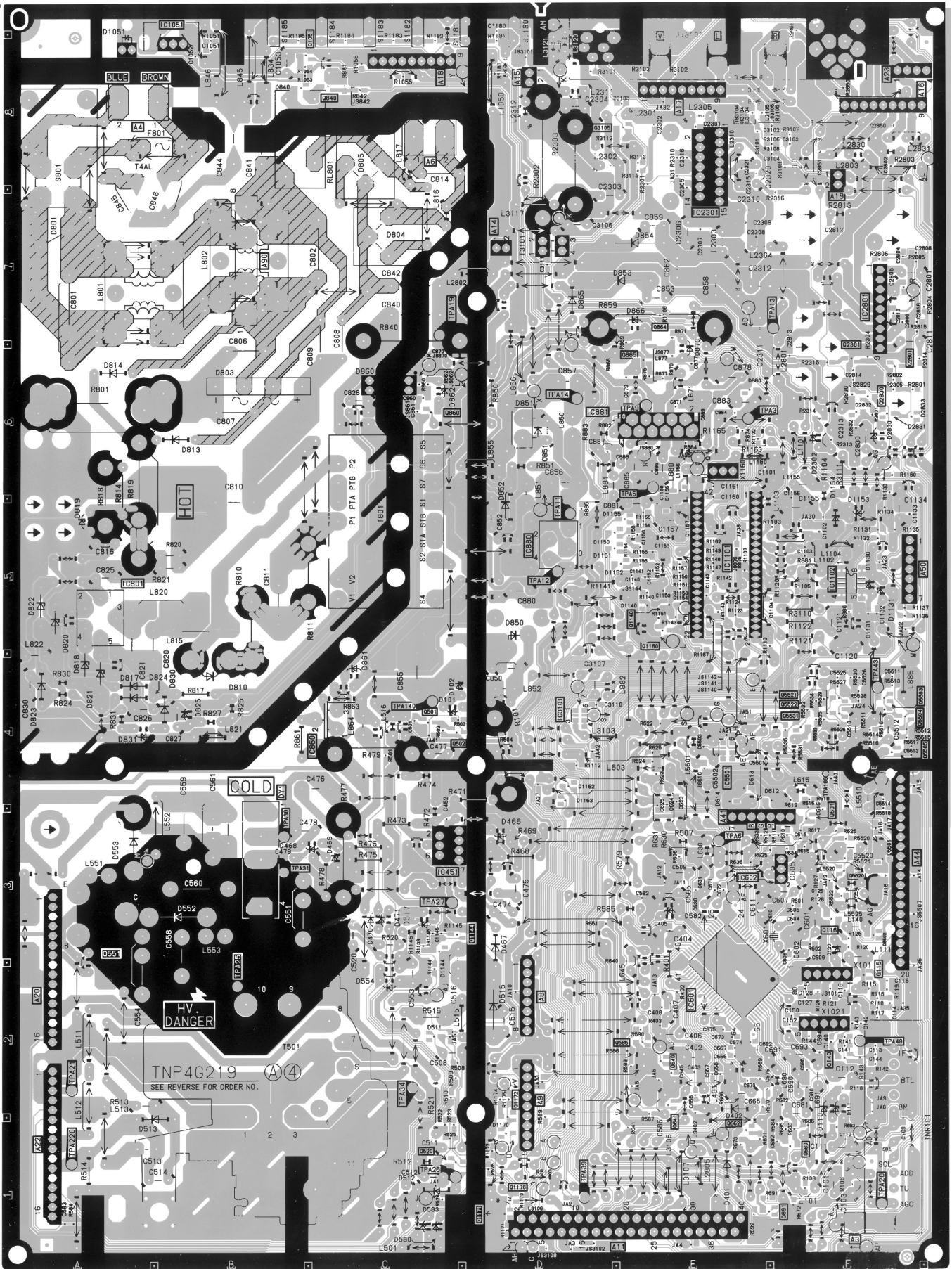


Fig.2

8. Wedge A shown in Fig. 2 should be fixed within a range of  $45^\circ$  to the left of the vertical line as shown.
9. After inserting wedge A, insert wedges B, C and D. The wedges should be set  $90^\circ$  apart from each other.
10. Be certain that the four wedges are firmly fixed and the Deflection Yoke is tightly clamped in place otherwise the Deflection Yoke may shift its position and cause a loss of convergence and purity.

# 6 Conductor Views

## 6.1. A-Board



## 7 Schematic Diagrams

### 7.1. SCHEMATIC DIAGRAM FOR MODEL (MX-12 CHASSIS)

#### Important Safety Notice

Components identified by  $\triangle$  mark have special characteristics important for safety.  
When replacing any of these components, use only manufacturer's specified parts.

#### Notes:

##### 1. Resistor

All resistors are carbon 1/4W resistor, unless marked as follows:

Unit of resistance is OHM [ $\Omega$ ] (K=1,000, M=1,000,000).

|             |                |             |               |
|-------------|----------------|-------------|---------------|
| $\bigcirc$  | : Nonflammable | $\boxtimes$ | : Metal Oxide |
| $\triangle$ | : Solid        | $\odot$     | : Metal Film  |
| $\square$   | : Wire Wound   | $\otimes$   | : Fuse:       |

##### 2. Capacitor

All capacitors are ceramic 50V capacitor, unless marked as follows:

Unit of capacitance is  $\mu\text{F}$ , unless otherwise noted.

|                   |                            |                          |                   |
|-------------------|----------------------------|--------------------------|-------------------|
| $\otimes$         | : Temperature Compensation | $\overset{+}{\text{H}}$  | : Electrolytic    |
| $\textcircled{M}$ | : Polyester                | $\overset{NP}{\text{H}}$ | : Bipolar         |
| $\textcircled{m}$ | : Metalized Polyester      | $\textcircled{T}$        | : Dipped Tantalum |
| $\boxtimes$       | : Polypropylene            | $\textcircled{Z}$        | : Z-Type          |

##### 3. Coil

Unit of inductance is  $\mu\text{H}$ , unless otherwise noted.

##### 4. Test Point

$\bigcirc$  : Test Point position

##### 5. Earth Symbol

$\text{⏏}$  : Chassis Earth (Cold)  $\downarrow$  : Line Earth (Hot)

##### 6. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

|                               |                        |
|-------------------------------|------------------------|
| Power Source .....            | AC 110-240V, 50/60 Hz  |
| Receiving Signal .....        | Colour Bar signal (RF) |
| All customer's controls ..... | Maximum positions      |

##### 7. Number in red circle indicates waveform number.

(See waveform pattern table.)

##### 8. When arrow mark ( $\nearrow$ ) is found, connection is easily found from the direction of arrow

##### 9. Indicates the major signal flow. $\Rightarrow$ : Video $\Rightarrow$ : Audio

##### 10. This schematic diagram is the latest at the time of printing and subject to change without notice.

**Remarks:**

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

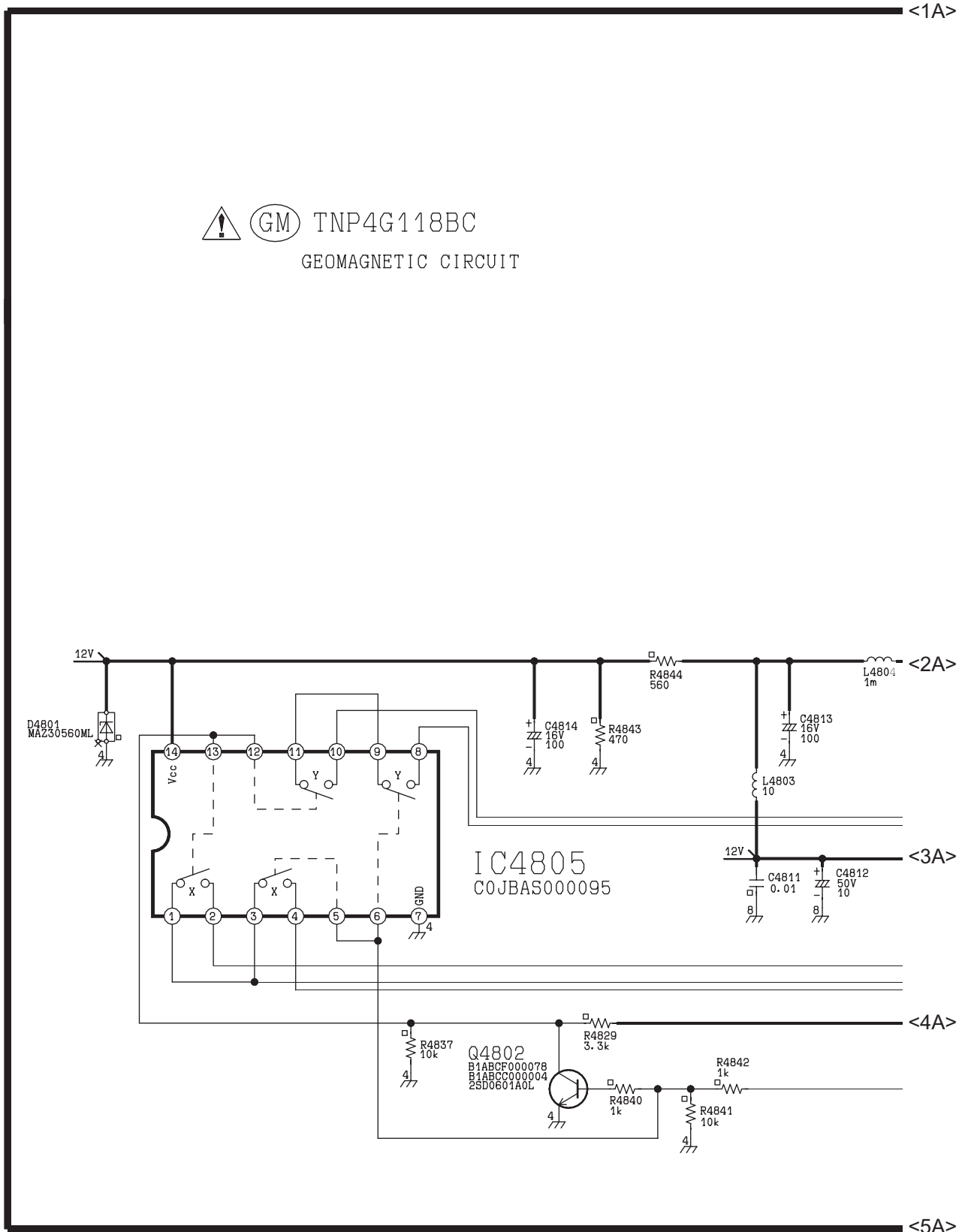
All circuits, except the Power Circuit, are cold.

**Precautions**

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
  - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
  - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.  
Connect the earth of instruments to the earth connection of the circuit being measured.
  - d. Make sure to disconnect the power plug before removing the chassis.
2. Following diodes are interchangeable.  
MA150- MA162 (Replacement part)

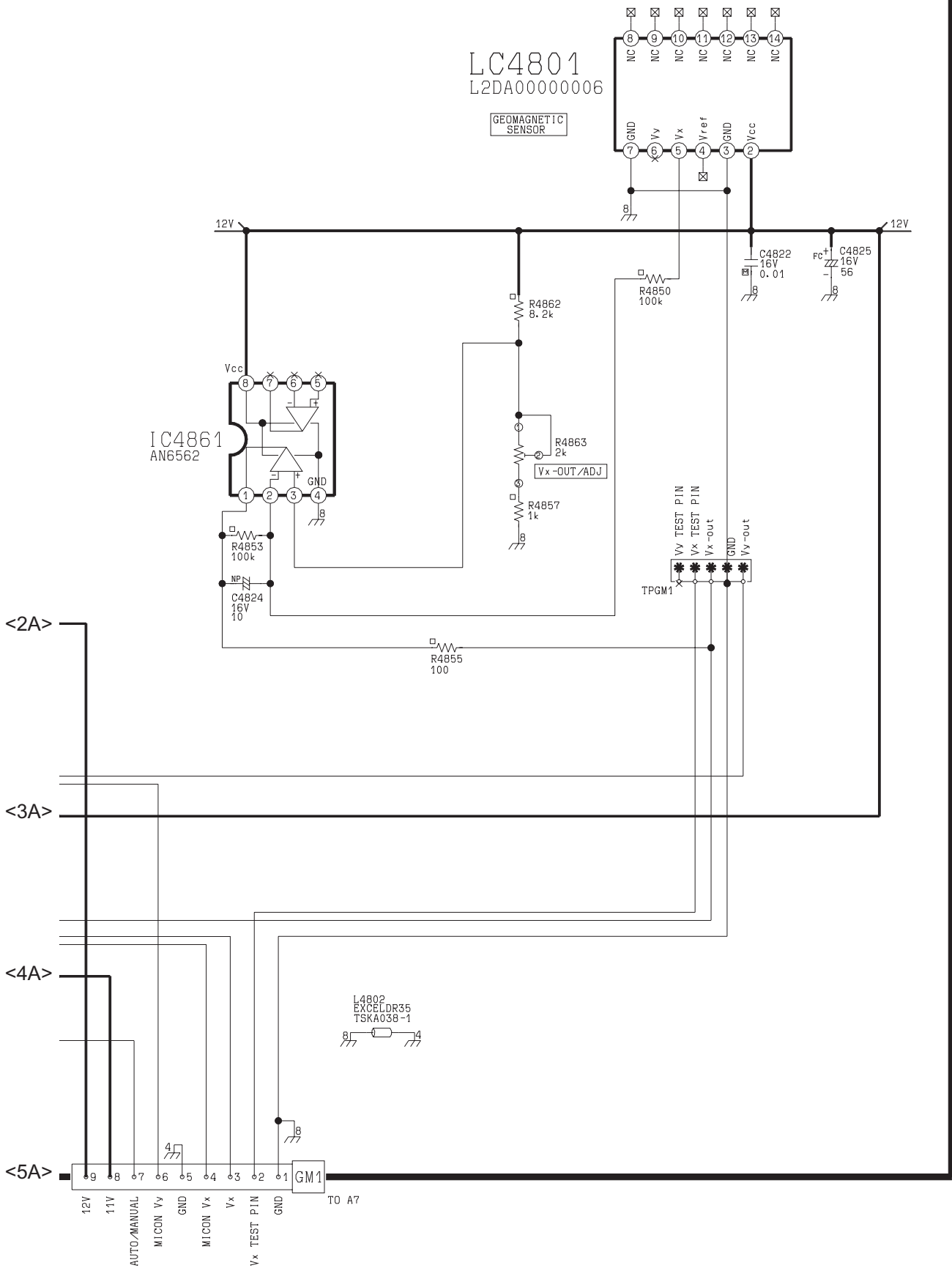
## 7.2. GM BOARD

### 7.2.1. GM BOARD 1/2



### 7.2.2. GM BOARD 2/2

<1A>



<2A>

<3A>

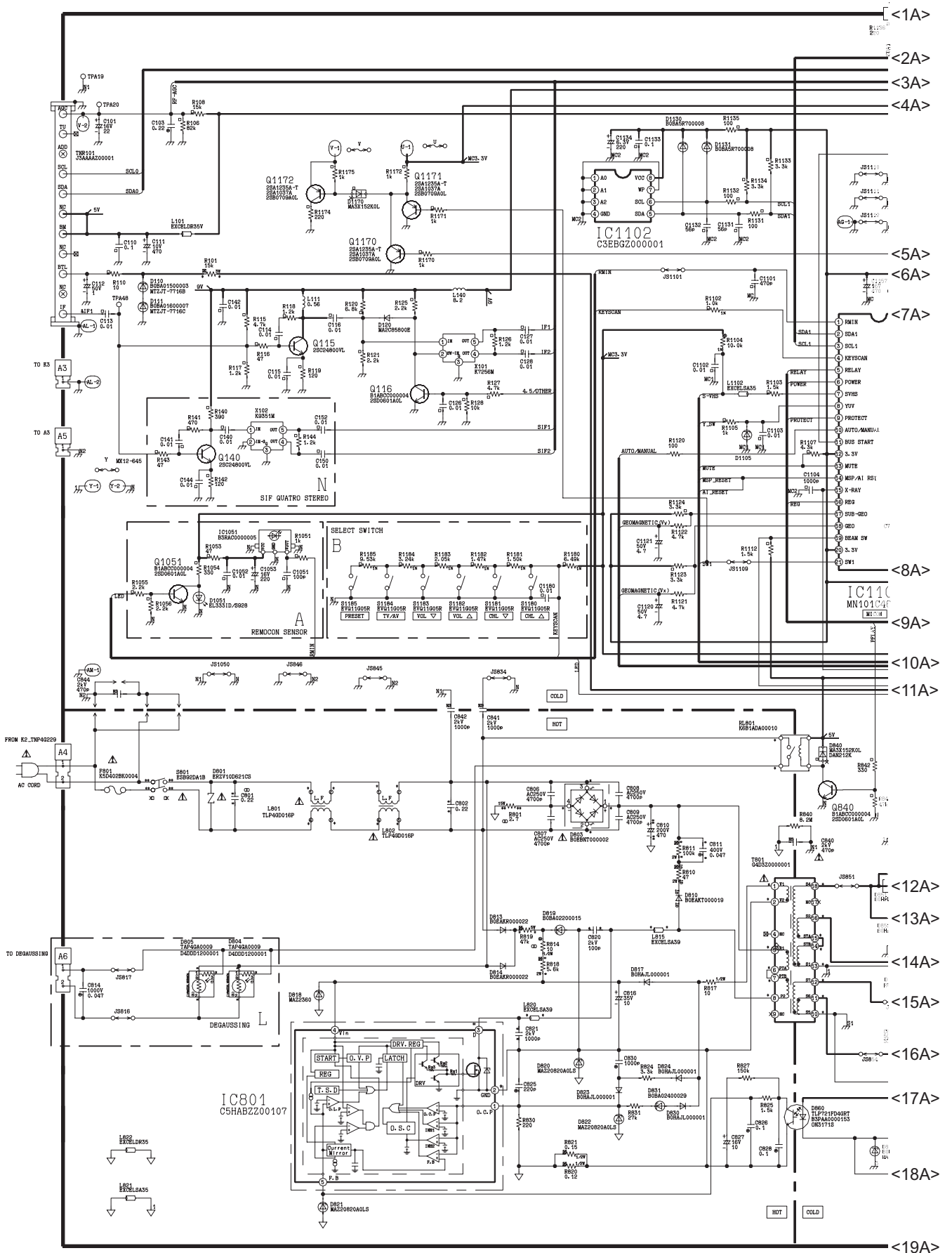
<4A>

<5A>

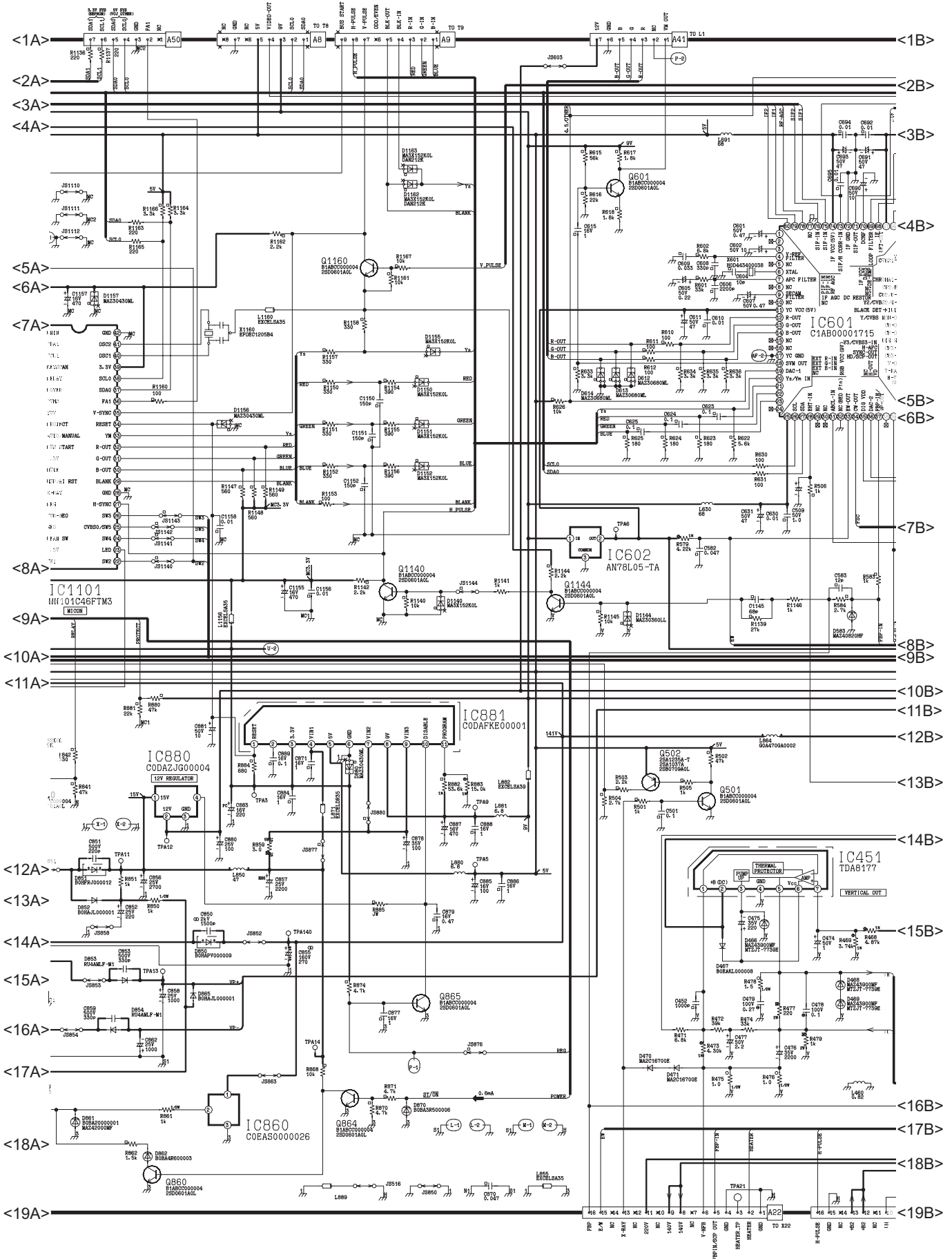


### 7.3. A BOARD

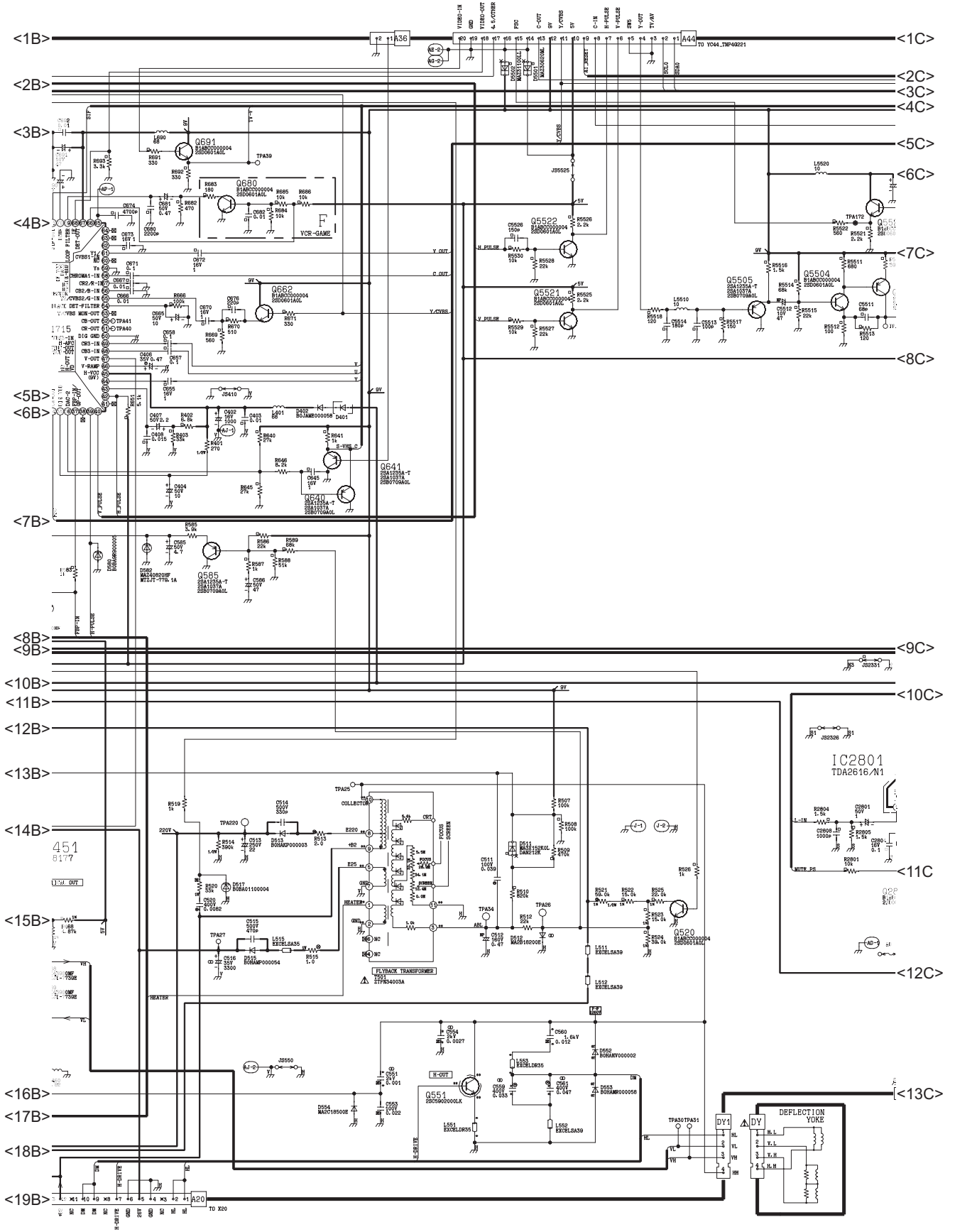
#### 7.3.1. A BOARD 1/4



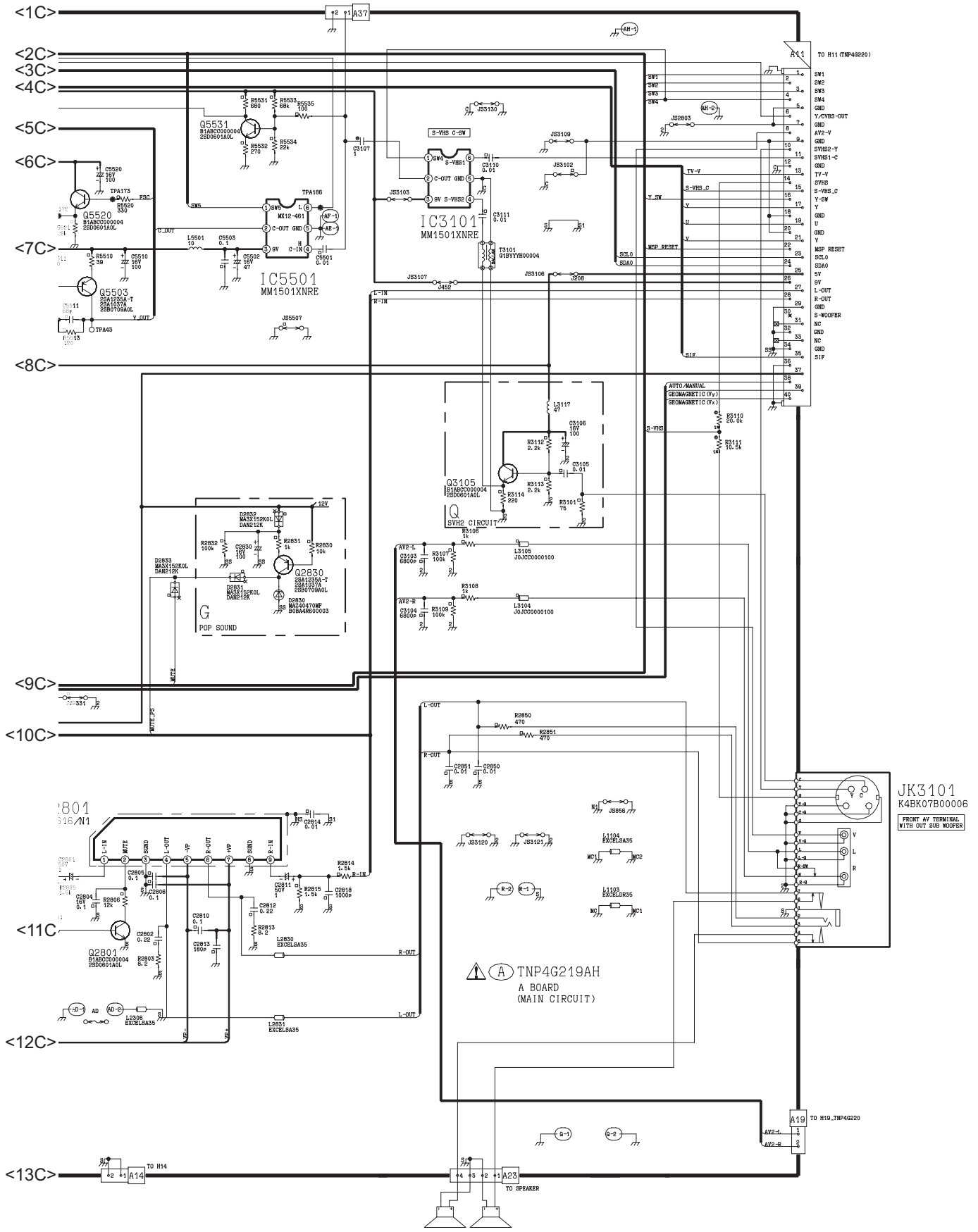
### 7.3.2. A BOARD 2/4



### 7.3.3. A BOARD 3/4

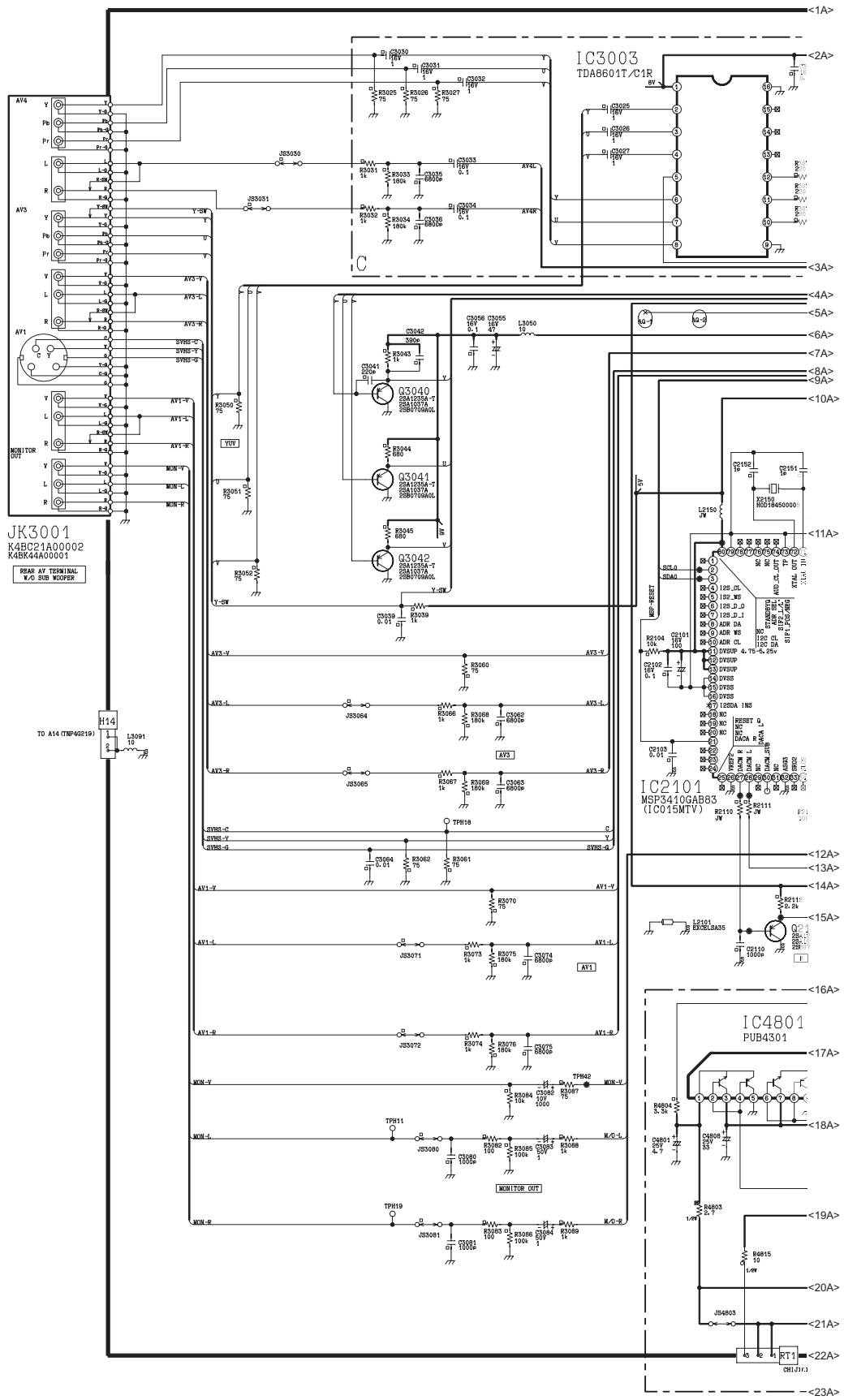


### 7.3.4. A BOARD 4/4

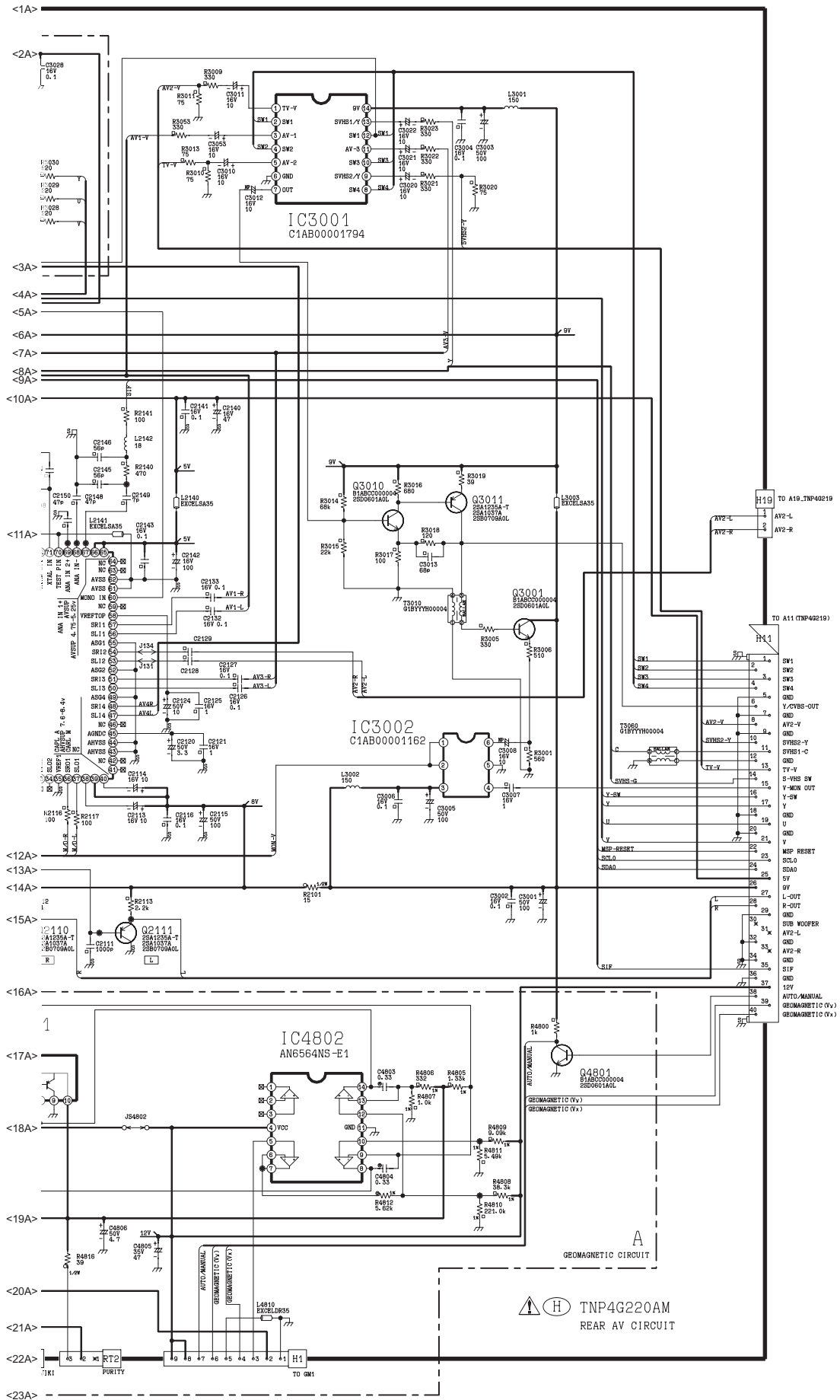


# 7.4. H BOARD

## 7.4.1. H BOARD 1/2

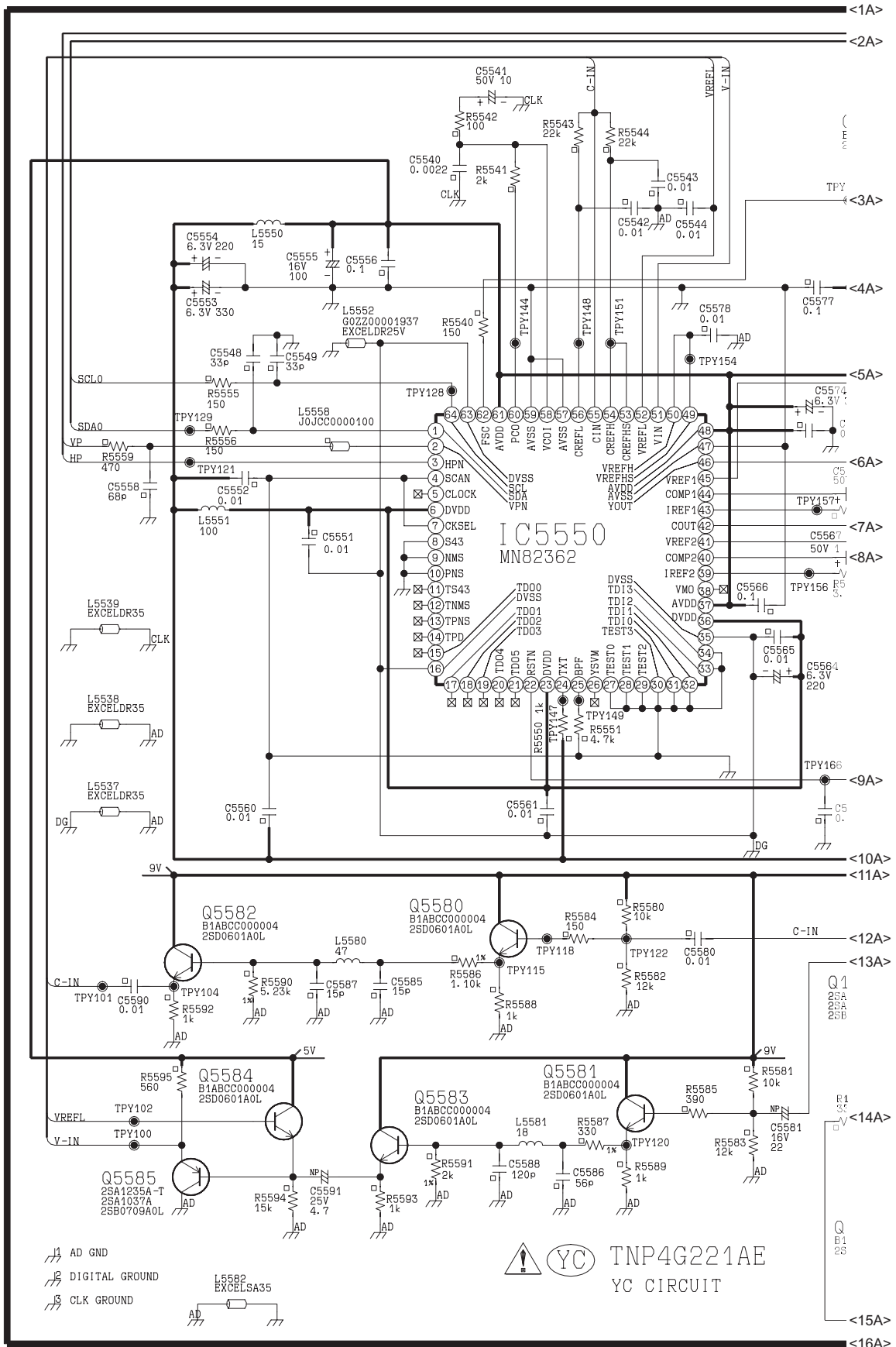


### 7.4.2. H BOARD 2/2

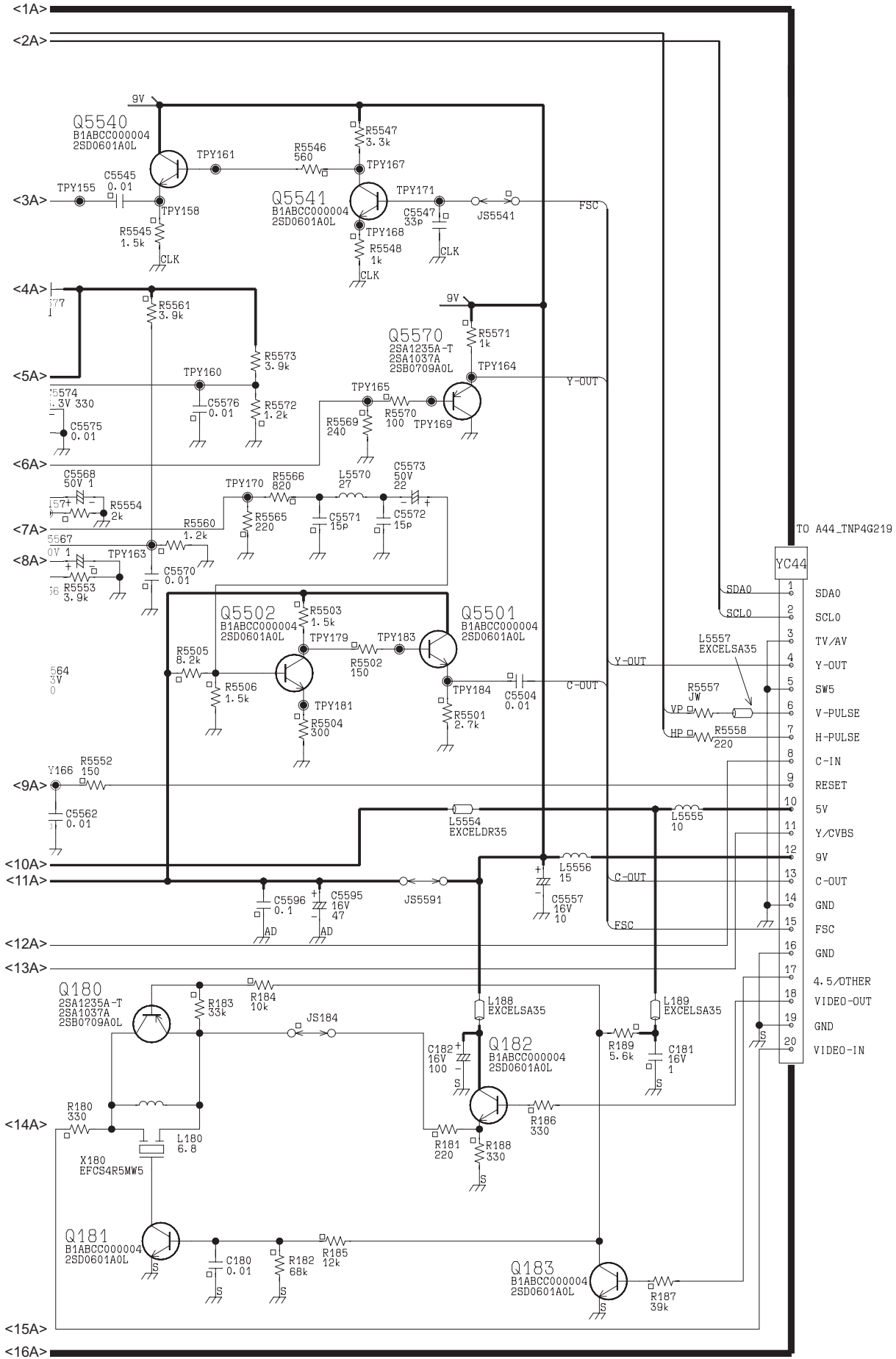


## 7.5. YC BOARD

### 7.5.1. YC BOARD 1/2



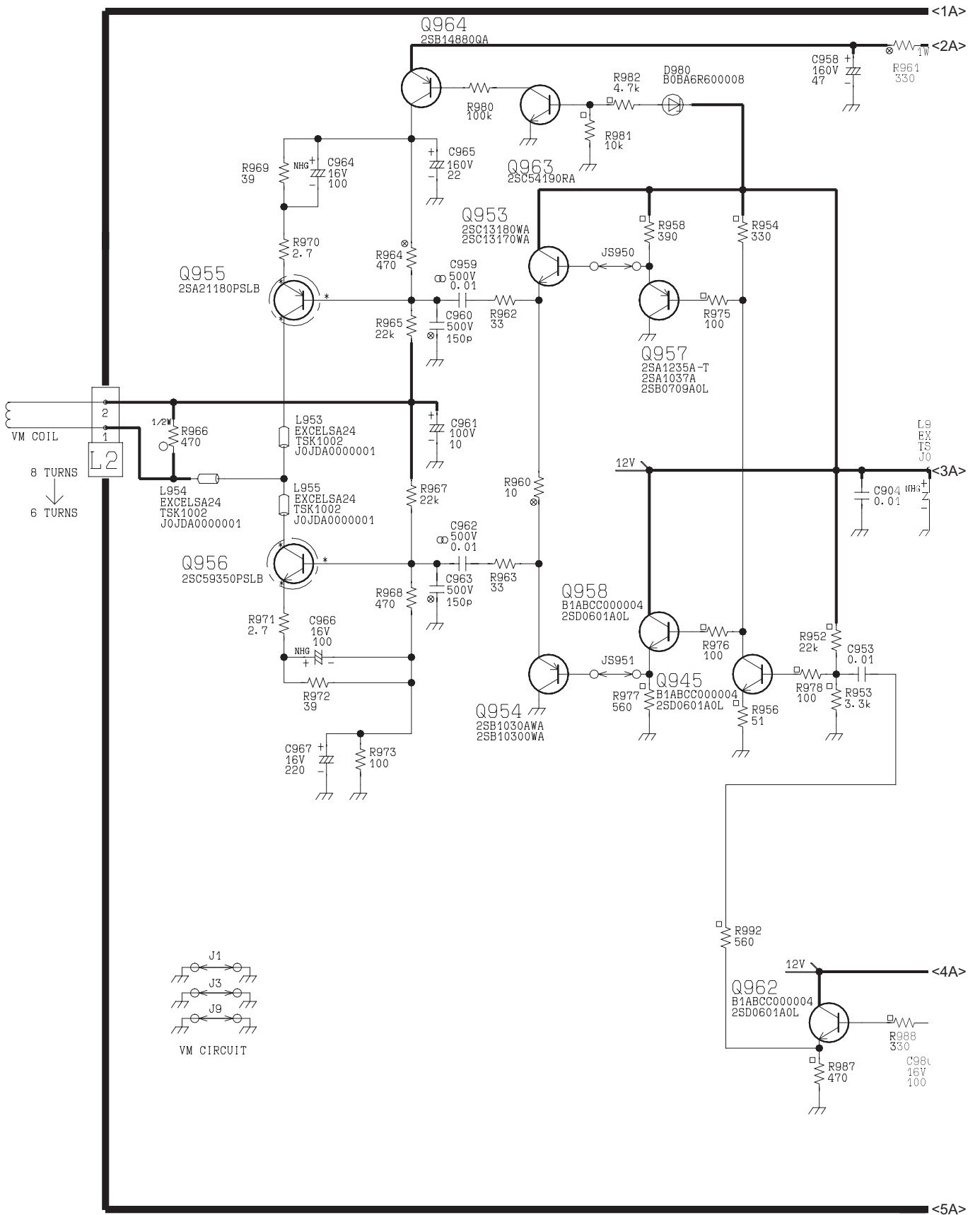
### 7.5.2. YC BOARD 2/2



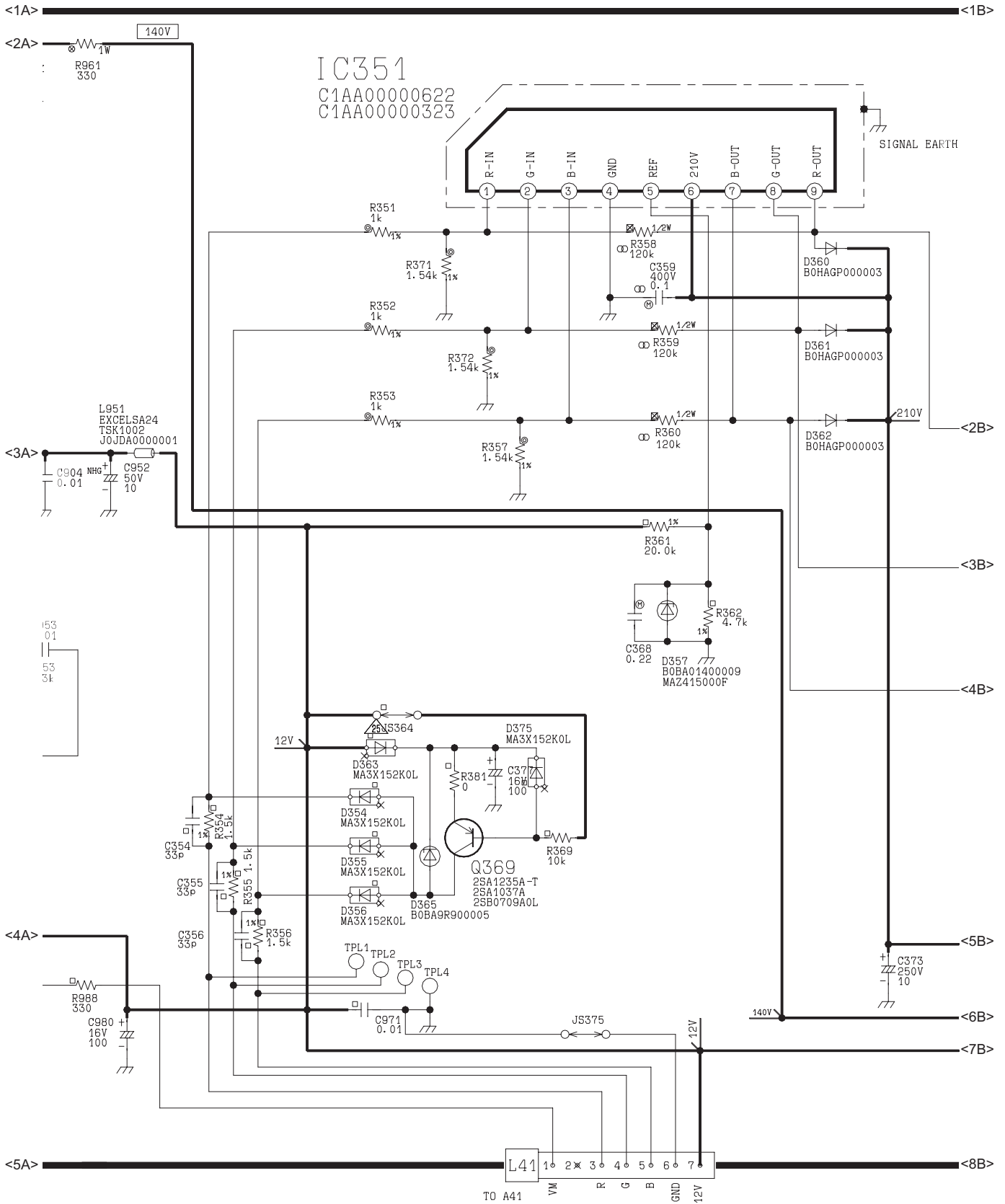


# 7.6. L BOARD

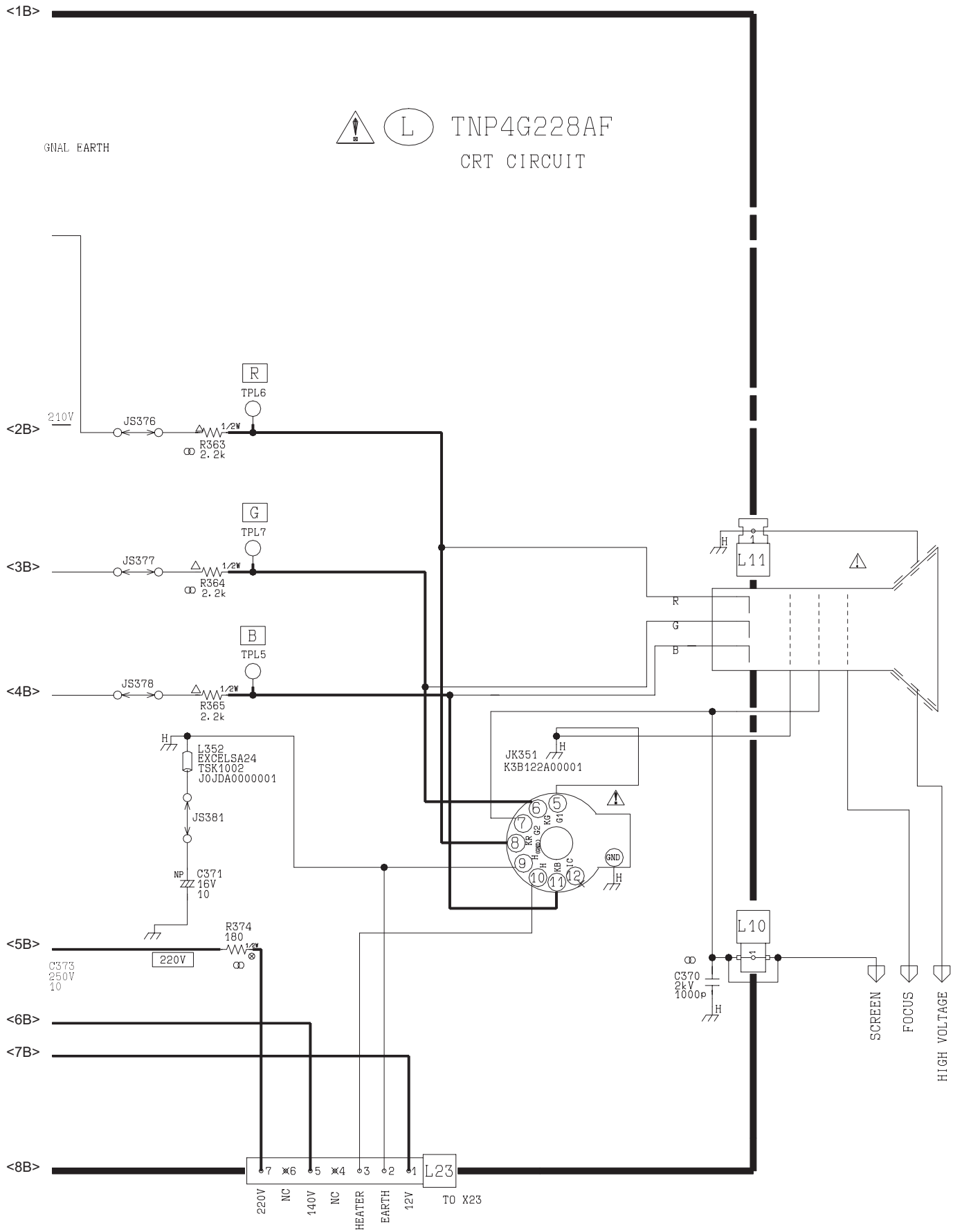
## 7.6.1. L BOARD 1/3



### 7.6.2. L BOARD 2/3

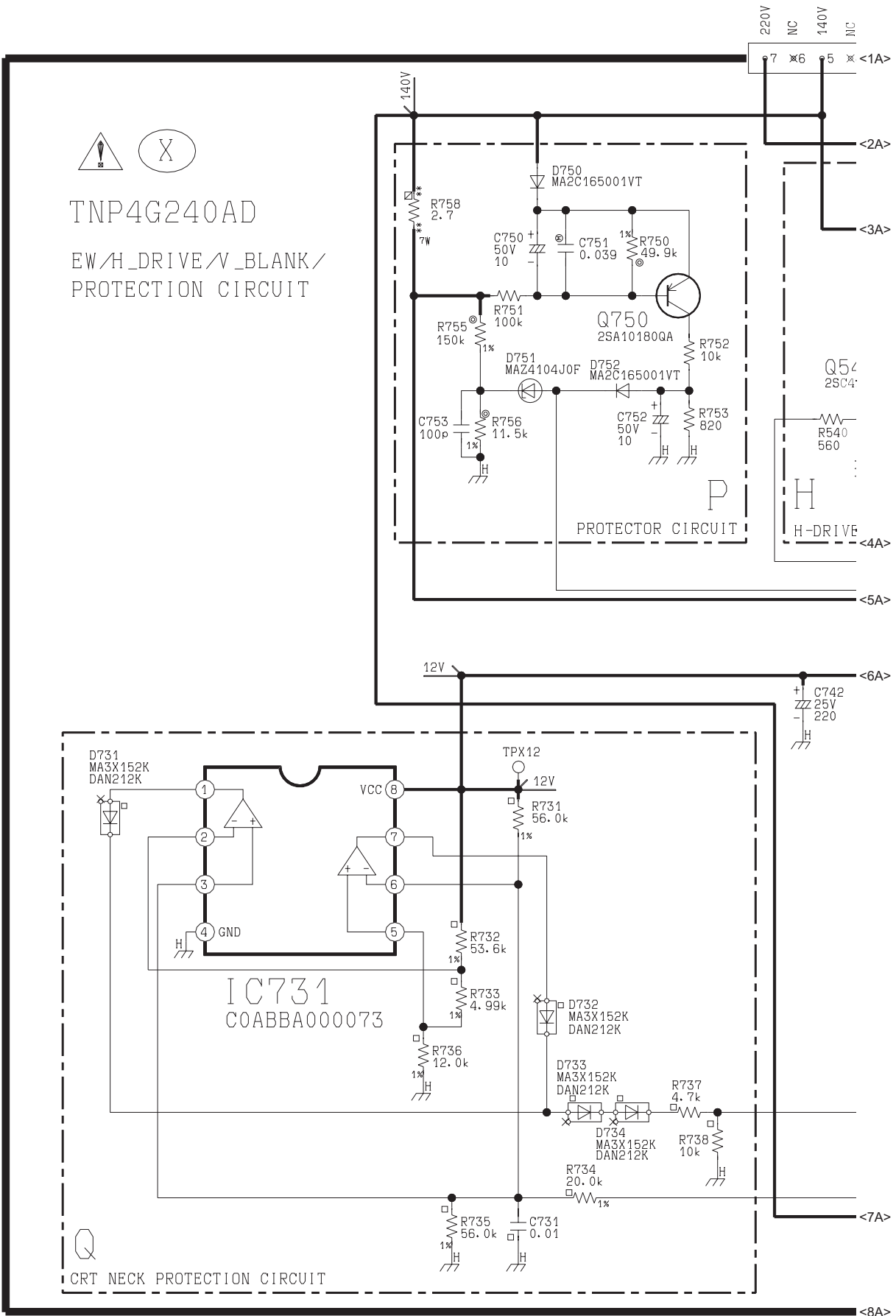


### 7.6.3. L BOARD 3/3

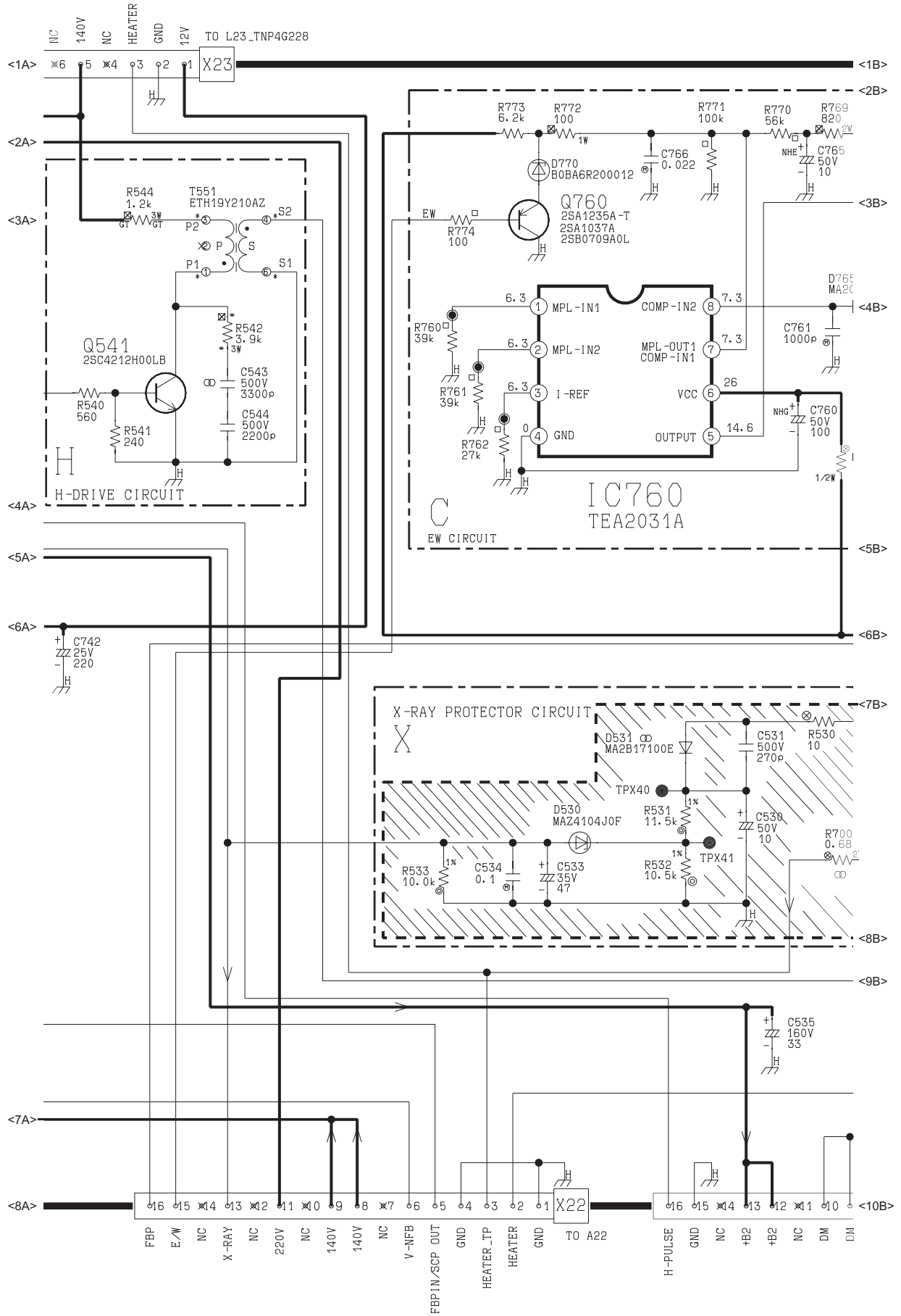


# 7.7. X BOARD

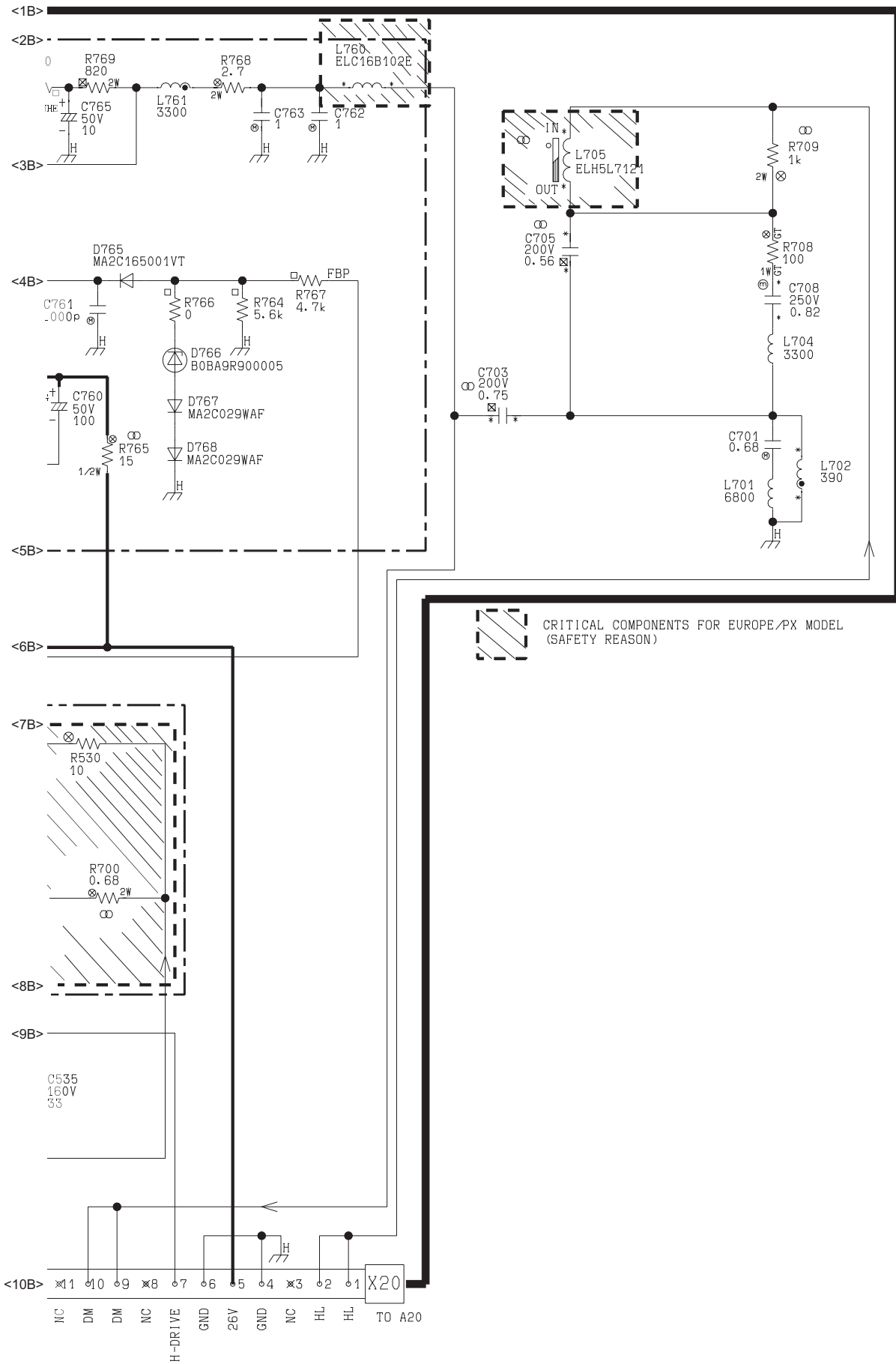
## 7.7.1. X BOARD 1/3



7.7.2. X BOARD 2/3

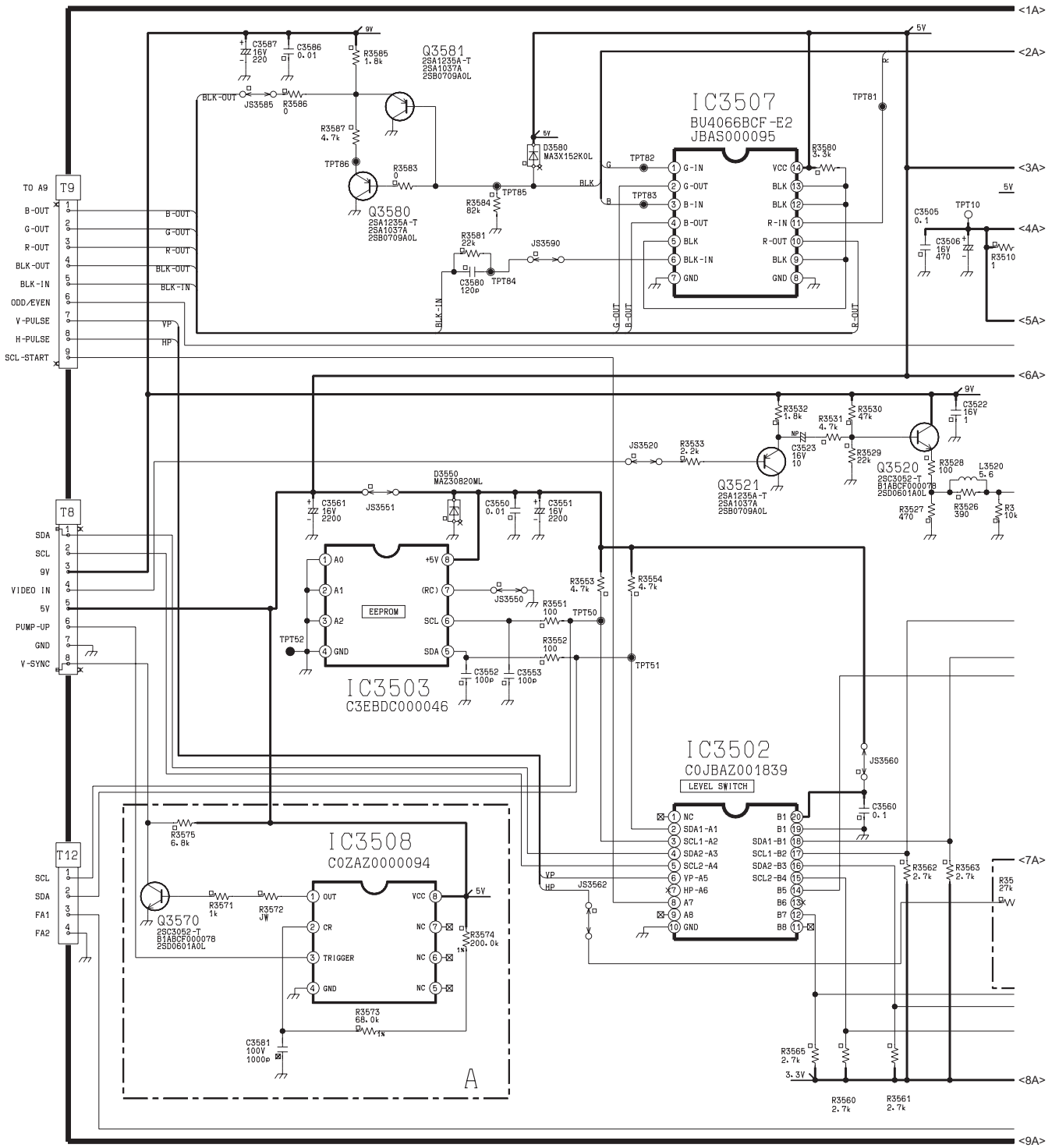


### 7.7.3. X BOARD 3/3

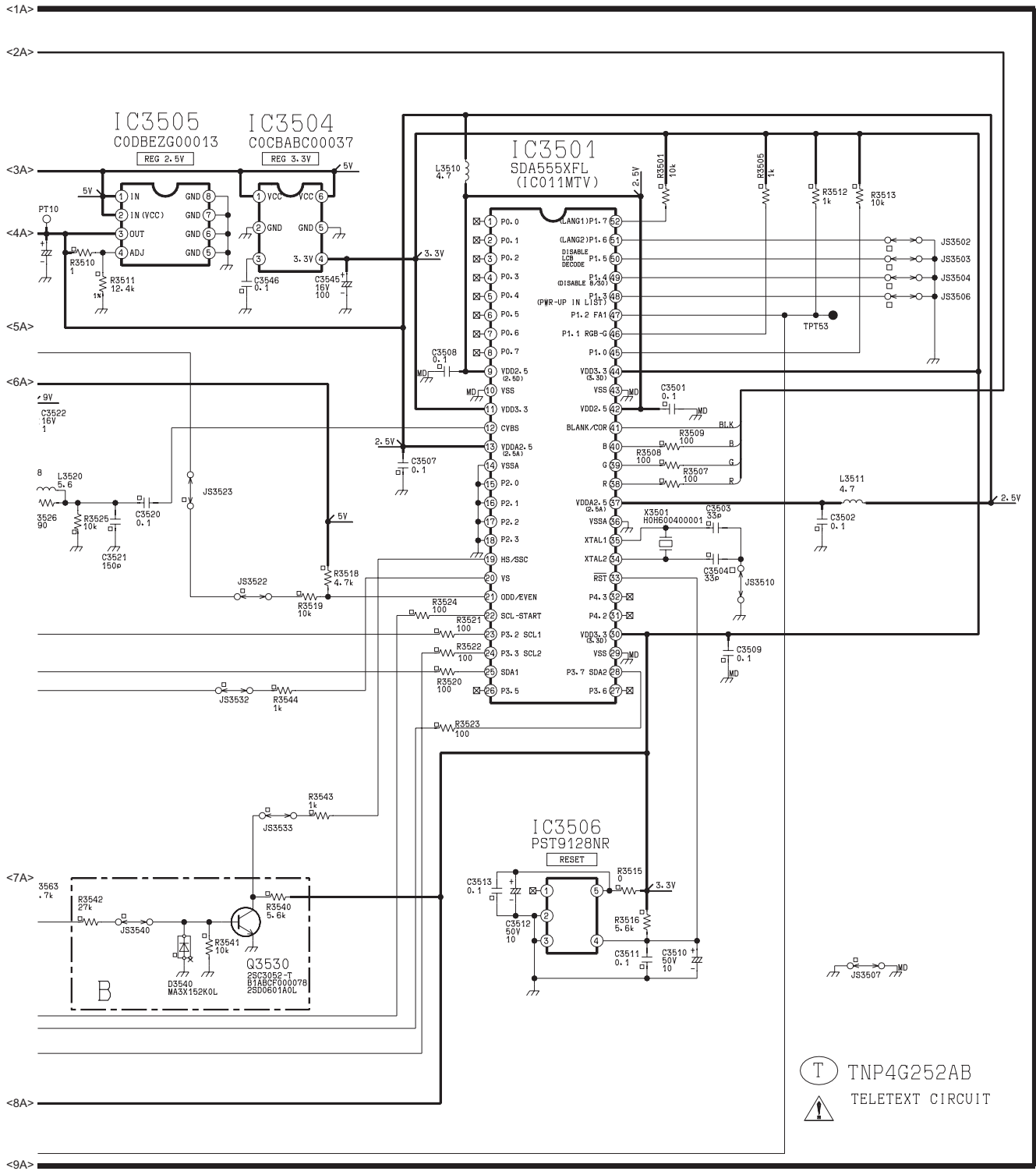


# 7.8. T BOARD

## 7.8.1. T BOARD 1/2



### 7.8.2. T BOARD 2/2

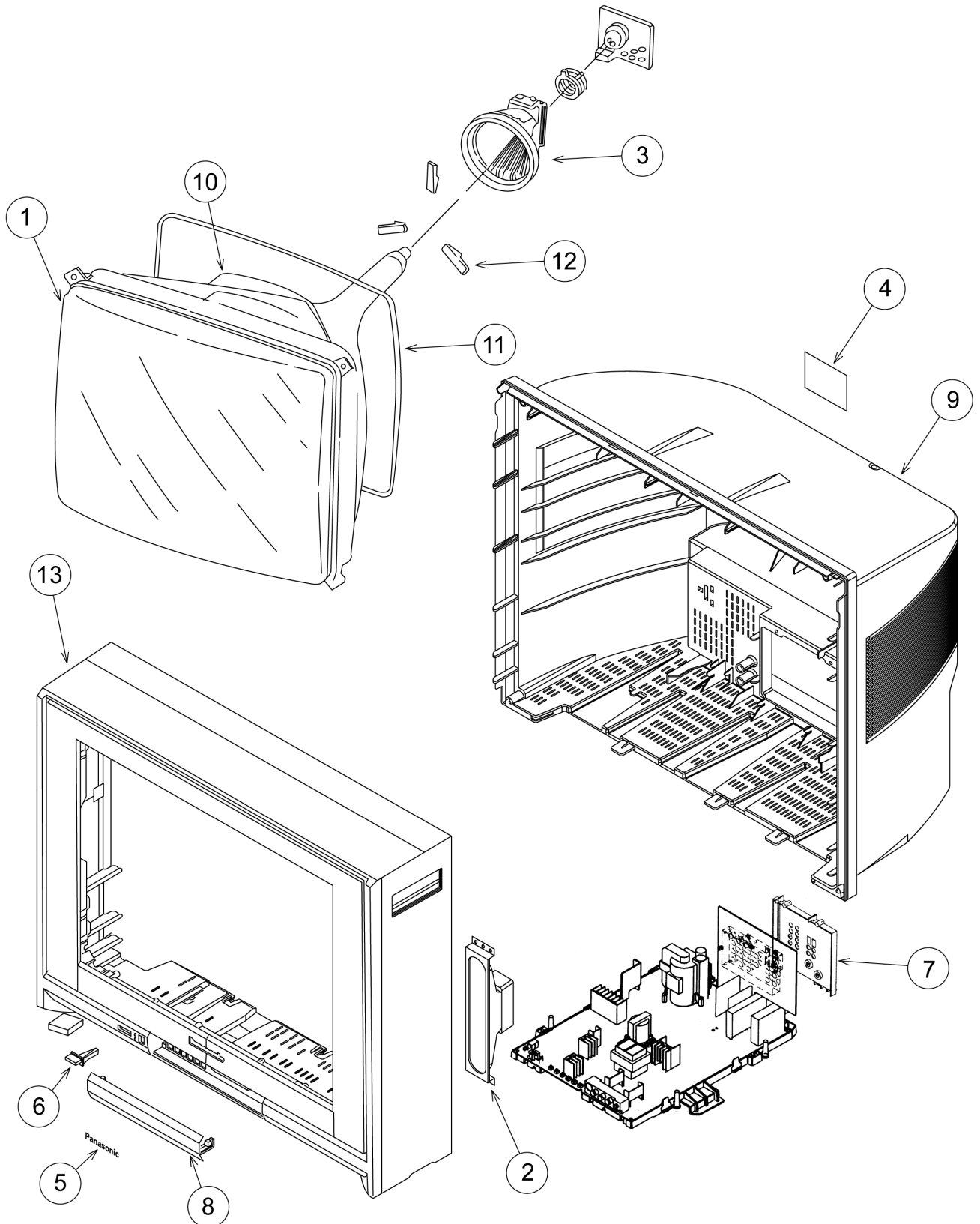




## 8 Parts Locations

### PARTS LOCATION

Note: The number on mechanical parts indicates Ref. No. of Replacement Parts List.



## 9 Replacement Parts List

### 9.1. Replacement Parts List Notes

#### Important Safety Notice

*Components identified by  $\Delta$  mark have special characteristics important for safety.  
When replacing any of these components, use only manufacturer's specified parts.*

#### RTL (Retention Time Limited)

**Note:** Printed circuit board assembly with "NLA" is no longer available after production discontinuation of the complete set.

Abbreviation of part name and description

#### 1. Resistor

Example:

ERD25TJ104    C 100KOHM, J, 1/4W  
   Type                          Allowance

#### 2. Capacitor

Example:

ECKF1H103ZF    C 0.01UF, Z, 50V  
   Type                          Allowance

| Type                          | Allowance      |
|-------------------------------|----------------|
| C : Carbon                    | F : $\pm 1\%$  |
| F : Fuse                      | G : $\pm 2\%$  |
| M : Metal Oxide<br>Metal Film | J : $\pm 5\%$  |
| S : Solid                     | K : $\pm 10\%$ |
| W : Wire Wound                | M : $\pm 20\%$ |

| Type                 | Allowance               |
|----------------------|-------------------------|
| C : Ceramic          | C : $\pm 0.25\text{pF}$ |
| E : Electrolytic     | D : $\pm 0.5\text{pF}$  |
| P : Polyester        | F : $\pm 1\text{pF}$    |
| Polypropylene        | G : $\pm 3\text{pF}$    |
| J : $\pm 5\text{pF}$ |                         |
| T : Tantalum         | K : $\pm 10\text{pF}$   |
|                      | L : $\pm 15\text{pF}$   |
|                      | M : $\pm 20\text{pF}$   |
|                      | P : +100%, -0%          |
|                      | Z : +80%, -20%          |

## 9.1.1. Replacement Part List

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| 1        | A60LUQ086X   | PICTURE TUBE            | △       |
| 2        | EASG20S506A2 | SPEAKER                 |         |
|          | EUR646932    | REMOTE CONTROL          |         |
| 3        | KDY4QHA31F   | DEFLECTION YOKE         | △       |
| 4        | TBM4G0941    | MODEL NAME PLATE        | △       |
| 5        | TBM4G3011    | PANASONIC BADGE         |         |
| 6        | TBX4G89111   | POWER BUTTON            |         |
|          | THT4G1005R   | CRT SCREW               |         |
|          | THT4G1013R   | SCREW                   |         |
|          | TJB1726400   | 75OHM ADAPTOR           |         |
| 7        | TKP4G12720-1 | REAR AV BRACKET         |         |
| 8        | TKP4G12881-1 | DOOR                    |         |
| 9        | TKU4GA0610-2 | BACK COVER              |         |
| 10       | TLK4G9030A   | ROTATION COIL           | △       |
| 11       | TLK4G9074X   | DEGAUSSING COIL         | △       |
|          | TMM4G502     | RUBBER WASHER           |         |
| 12       | TMM4G508     | RUBBER WEDGE            |         |
| NLA      | TNP4G118BC   | GM BOARD                | △ ;     |
| NLA      | TNP4G219AH   | A BOARD                 | △       |
| NLA      | TNP4G220AM   | H BOARD                 | △       |
| NLA      | TNP4G221AE   | YC BOARD                | △       |
| NLA      | TNP4G228AF   | L BOARD                 | △       |
| NLA      | TNP4G240AD   | X BOARD                 | △       |
| NLA      | TNP4G252AB   | T BOARD                 | △       |
|          | TPD4G1106-1  | CUSHION (TOP)           |         |
|          | TPD4G2095-1  | CUSHION (BOTTOM)        |         |
|          | TPE4G14003   | LAMI BAG                |         |
|          | TPE4G14027   | SET COVER               |         |
|          | TQB4G3503    | FAN BAG                 |         |
|          | TSML0032-3   | MAGNET                  |         |
|          | TSN63115-4   | PURITY MAGNET           |         |
|          | TSX4G166H    | AC POWER CORD           |         |
| 13       | TXFKY02AS06  | CABINET ASSY            |         |
|          | TXFPC01AS06  | CARTON                  |         |
|          |              | RESISTORS               |         |
| R101     | ERG3FJ153H   | M 15KOHM, J, 3W         |         |
| R106     | ERJ6GEYJ823  | M 82KOHM, J, 1/10W      |         |
| R108     | ERJ6GEYJ153  | M 15KOHM, J, 1/10W      |         |
| R110     | ERJ6GEYJ100  | M 100OHM, J, 1/10W      |         |
| R115     | ERJ6GEYJ472  | M 4.7KOHM, J, 1/10W     |         |
| R116     | ERJ6GEYJ470  | M 47OHM, J, 1/10W       |         |
| R117     | ERJ6GEYJ122  | M 1.2KOHM, J, 1/10W     |         |
| R118     | ERJ6GEYJ122  | M 1.2KOHM, J, 1/10W     |         |
| R119     | ERJ6GEYJ121  | M 120OHM, J, 1/10W      |         |
| R120     | ERJ6GEYJ682  | M 6.8KOHM, J, 1/10W     |         |
| R121     | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R125     | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R126     | ERJ6GEYJ122  | M 1.2KOHM, J, 1/10W     |         |
| R127     | ERJ6GEYJ472  | M 4.7KOHM, J, 1/10W     |         |
| R128     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R140     | ERJ6GEYJ391  | M 390OHM, J, 1/10W      |         |
| R141     | ERJ6GEYJ471  | M 470OHM, J, 1/10W      |         |
| R142     | ERJ6GEYJ121  | M 120OHM, J, 1/10W      |         |
| R143     | ERJ6GEYJ470  | M 470OHM, J, 1/10W      |         |
| R144     | ERJ6GEYJ122  | M 1.2KOHM, J, 1/10W     |         |
| R180     | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R181     | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R182     | ERJ6GEYJ683  | M 68KOHM, J, 1/10W      |         |
| R183     | ERJ6GEYJ333  | M 33KOHM, J, 1/10W      |         |
| R184     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R185     | ERJ6GEYJ123  | M 12KOHM, J, 1/10W      |         |
| R186     | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R187     | ERJ6GEYJ393  | M 39KOHM, J, 1/10W      |         |
| R188     | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R189     | ERJ6GEYJ562  | M 5.6KOHM, J, 1/10W     |         |
| R583     | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R584     | ERJ6GEYJ272  | M 2.7KOHM, J, 1/10W     |         |
| R585     | ERDS2TJ392   | C 3.9KOHM, J, 1/4W      |         |
| R586     | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R587     | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R588     | ERJ6GEYJ513  | M 51KOHM, J, 1/10W      |         |
| R589     | ERJ6GEYJ683  | M 68KOHM, J, 1/10W      |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R601     | ERJ6GEYJ333  | M 33KOHM, J, 1/10W      |         |
| R602     | ERJ6GEYJ682  | M 6.8KOHM, J, 1/10W     |         |
| R610     | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R611     | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R612     | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R615     | ERJ6GEYJ563  | M 56KOHM, J, 1/10W      |         |
| R616     | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R617     | ERJ6GEYJ182  | M 1.8KOHM, J, 1/10W     |         |
| R618     | ERJ6GEYJ182  | M 1.8KOHM, J, 1/10W     |         |
| R622     | ERJ6GEYJ562  | M 5.6KOHM, J, 1/10W     |         |
| R623     | ERJ6GEYJ181  | M 180OHM, J, 1/10W      |         |
| R624     | ERJ6GEYJ181  | M 180OHM, J, 1/10W      |         |
| R625     | ERJ6GEYJ181  | M 180OHM, J, 1/10W      |         |
| R626     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R630     | ERDS2TJ101   | C 100OHM, J, 1/4W       |         |
| R631     | ERDS2TJ101   | C 100OHM, J, 1/4W       |         |
| R633     | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R634     | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R635     | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R636     | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R640     | ERJ6GEYJ273  | M 27KOHM, J, 1/10W      |         |
| R641     | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R645     | ERJ6GEYJ273  | M 27KOHM, J, 1/10W      |         |
| R646     | ERD25VJ822   | C 8.2KOHM, J, 1/4W      |         |
| R651     | ERJ6GEYJ512  | M 5.1KOHM, J, 1/10W     |         |
| R666     | ERJ6GEYJ104  | M 100KOHM, J, 1/10W     |         |
| R669     | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R670     | ERJ6GEYJ511  | M 510OHM, J, 1/10W      |         |
| R671     | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R682     | ERJ6GEYJ471  | M 470OHM, J, 1/10W      |         |
| R683     | ERJ6GEYJ181  | M 180OHM, J, 1/10W      |         |
| R684     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R685     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R686     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R691     | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R692     | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R693     | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R700     | ERQ2CJPR68S  | F 0.68OHM, J, 2W        |         |
| R708     | ERQ1CJ101    | F 100OHM, J, 1W         |         |
| R709     | ERQ2CJP102S  | F 1KOHM, J, 2W          |         |
| R731     | ERJ6ENF5602  | M 56KOHM, 1/10W         |         |
| R732     | ERJ6ENF5362  | M53.6KOHM, 1/10W        |         |
| R733     | ERJ6ENF4991  | M4.99KOHM, 1/10W        |         |
| R734     | ERJ6ENF2002  | M 20KOHM, 1/10W         |         |
| R735     | ERJ6ENF5602  | M 56KOHM, 1/10W         |         |
| R736     | ERJ6ENF1202  | M 12KOHM, 1/10W         |         |
| R737     | ERJ6GEYJ472  | M 4.7KOHM, J, 1/10W     |         |
| R738     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R750     | ER0S2CHF4992 | M49.9KOHM, F, 1/4W      |         |
| R751     | ERD25TJ104   | C 100KOHM, J, 1/4W      |         |
| R752     | ERDS2TJ103   | C 10KOHM, J, 1/4W       |         |
| R753     | ERDS2TJ821   | C 820OHM, J, 1/4W       |         |
| R755     | ER0S2CHF1503 | M 150KOHM, F, 1/4W      |         |
| R756     | ER0S2CKF1152 | M11.5KOHM, F, 1/4W      |         |
| R758     | TAR26NJ2R7Z  | W 2.7OHM, J, 7W         |         |
| R760     | ERJ6GEYJ393  | M 39KOHM, J, 1/10W      |         |
| R761     | ERJ6GEYJ393  | M 39KOHM, J, 1/10W      |         |
| R762     | ERJ6GEYJ273  | M 27KOHM, J, 1/10W      |         |
| R764     | ERJ6GEYJ562  | M 5.6KOHM, J, 1/10W     |         |
| R981     | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R982     | ERJ6GEYJ472  | M 4.7KOHM, J, 1/10W     |         |
| R987     | ERJ6GEYJ471  | M 470OHM, J, 1/10W      |         |
| R988     | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R992     | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R1051    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R1053    | ERJ6GEYJ470  | M 470OHM, J, 1/10W      |         |
| R1054    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R1055    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R1056    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R1102    | ERJ6ENF1001  | M 1KOHM, 1/10W          |         |
| R1103    | ERJ6GEYJ152  | M 1.5KOHM, J, 1/10W     |         |
| R1104    | ER0S2CKF1002 | M 10KOHM, F, 1/4W       |         |
| R1105    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R1107    | ERJ6GEYJ432  | M 4.3KOHM, J, 1/10W     |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R1112    | ERJ6GEYJ152  | M 1.5KOHM, J, 1/10W     |         |
| R1120    | ERDS2TJ101   | C 100OHM, J, 1/4W       |         |
| R1121    | ERDS2TJ472   | C 4.7KOHM, J, 1/4W      |         |
| R1122    | ERDS2TJ472   | C 4.7KOHM, J, 1/4W      |         |
| R1123    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R1124    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R1131    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R1132    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R1133    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R1134    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R1135    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R1136    | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R1137    | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R1139    | ERJ6GEYJ273  | M 27KOHM, J, 1/10W      |         |
| R1140    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R1141    | ERDS2TJ102   | C 1KOHM, J, 1/4W        |         |
| R1142    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R1144    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R1145    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R1146    | ERDS2TJ102   | C 1KOHM, J, 1/4W        |         |
| R1147    | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R1148    | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R1149    | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R1150    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R1151    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R1152    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R1153    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R1154    | ERJ6GEYJ391  | M 390OHM, J, 1/10W      |         |
| R1155    | ERJ6GEYJ391  | M 390OHM, J, 1/10W      |         |
| R1156    | ERJ6GEYJ391  | M 390OHM, J, 1/10W      |         |
| R1157    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R1158    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R1160    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R1161    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R1162    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R1163    | ERDS2TJ221   | C 220OHM, J, 1/4W       |         |
| R1164    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R1165    | ERDS2TJ221   | C 220OHM, J, 1/4W       |         |
| R1166    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R1167    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R1170    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R1171    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R1172    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R1174    | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R1175    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R1180    | ERJ6ENF6491  | M6.49KOHM, 1/10W        |         |
| R1181    | ERJ6ENF1501  | M 1.5KOHM, 1/10W        |         |
| R1182    | ERJ6ENF1471  | M1.47KOHM, 1/10W        |         |
| R1183    | ERJ6ENF2051  | M2.05KOHM, 1/10W        |         |
| R1184    | ERJ6ENF3241  | M3.24KOHM, 1/10W        |         |
| R1185    | ERJ6ENF9531  | M9.53KOHM, 1/10W        |         |
| R3073    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3074    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3075    | ERJ6GEYJ184  | M 180KOHM, J, 1/10W     |         |
| R3076    | ERJ6GEYJ184  | M 180KOHM, J, 1/10W     |         |
| R3082    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R3083    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R3084    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R3085    | ERJ6GEYJ104  | M 100KOHM, J, 1/10W     |         |
| R3086    | ERJ6GEYJ104  | M 100KOHM, J, 1/10W     |         |
| R3087    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3088    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3089    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3101    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3106    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3107    | ERJ6GEYJ104  | M 100KOHM, J, 1/10W     |         |
| R3108    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3109    | ERJ6GEYJ104  | M 100KOHM, J, 1/10W     |         |
| R3110    | EROS2CHF2002 | M 20KOHM, F, 1/4W       |         |
| R3111    | EROS2CKF1052 | M10.5KOHM, F, 1/4W      |         |
| R3112    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R3113    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R3114    | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R3507    | ERJ6GEYJ301  | M 300OHM, J, 1/10W      |         |

| Ref. No. | Part No.    | Part Name & Description | Remarks |
|----------|-------------|-------------------------|---------|
| R3508    | ERJ6GEYJ301 | M 300OHM, J, 1/10W      |         |
| R3509    | ERJ6GEYJ301 | M 300OHM, J, 1/10W      |         |
| R3510    | ERJ6GEYJ1R0 | M 1OHM, J, 1/10W        |         |
| R3511    | ERJ6ENF1242 | M12.4KOHM, 1/10W        |         |
| R3512    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R3515    | ERJ6GEY0R00 | M 0OHM, J, 1/10W        |         |
| R3516    | ERJ6GEYJ562 | M 5.6KOHM, J, 1/10W     |         |
| R3518    | ERJ6GEYJ472 | M 4.7KOHM, J, 1/10W     |         |
| R3519    | ERJ6GEYJ103 | M 10KOHM, J, 1/10W      |         |
| R3520    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3521    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3522    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3523    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3524    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3525    | ERJ6GEYJ103 | M 10KOHM, J, 1/10W      |         |
| R3526    | ERJ6GEYJ391 | M 390OHM, J, 1/10W      |         |
| R3527    | ERJ6GEYJ471 | M 470OHM, J, 1/10W      |         |
| R3528    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3529    | ERJ6GEYJ223 | M 22KOHM, J, 1/10W      |         |
| R3530    | ERJ6GEYJ473 | M 47KOHM, J, 1/10W      |         |
| R3531    | ERJ6GEYJ472 | M 4.7KOHM, J, 1/10W     |         |
| R3532    | ERJ6GEYJ182 | M 1.8KOHM, J, 1/10W     |         |
| R3533    | ERJ6GEYJ222 | M 2.2KOHM, J, 1/10W     |         |
| R3543    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R3544    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R3551    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3552    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R3553    | ERJ6GEYJ472 | M 4.7KOHM, J, 1/10W     |         |
| R3554    | ERJ6GEYJ472 | M 4.7KOHM, J, 1/10W     |         |
| R3560    | ERJ6GEYJ272 | M 2.7KOHM, J, 1/10W     |         |
| R3561    | ERJ6GEYJ272 | M 2.7KOHM, J, 1/10W     |         |
| R3581    | ERJ6GEYJ223 | M 22KOHM, J, 1/10W      |         |
| R3583    | ERJ6GEY0R00 | M 0OHM, J, 1/10W        |         |
| R3584    | ERJ6GEYJ823 | M 82KOHM, J, 1/10W      |         |
| R3585    | ERJ6GEYJ332 | M 3.3KOHM, J, 1/10W     |         |
| R3586    | ERJ6GEY0R00 | M 0OHM, J, 1/10W        |         |
| R3587    | ERJ6GEY0R00 | M 0OHM, J, 1/10W        |         |
| R3588    | ERJ6GEYJ332 | M 3.3KOHM, J, 1/10W     |         |
| R3590    | ERJ6GEYJ103 | M 10KOHM, J, 1/10W      |         |
| R4800    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R4803    | ERX2SJ2R7E  | M 2.7OHM, J, 2W         |         |
| R4804    | ERJ6GEYJ332 | M 3.3KOHM, J, 1/10W     |         |
| R4805    | ERJ6ENF1331 | M1.33KOHM, 1/10W        |         |
| R5556    | ERJ6GEYJ151 | M 150OHM, J, 1/10W      |         |
| R5557    | ERJ6GEY0R00 | M 0OHM, J, 1/10W        |         |
| R5558    | ERJ6GEYJ221 | M 220OHM, J, 1/10W      |         |
| R5559    | ERJ6GEYJ471 | M 470OHM, J, 1/10W      |         |
| R5560    | ERJ6GEYJ122 | M 1.2KOHM, J, 1/10W     |         |
| R5561    | ERJ6GEYJ392 | M 3.9KOHM, J, 1/10W     |         |
| R5565    | ERJ6GEYJ221 | M 220OHM, J, 1/10W      |         |
| R5566    | ERJ6GEYJ821 | M 820OHM, J, 1/10W      |         |
| R5569    | ERJ6GEYJ241 | M 240OHM, J, 1/10W      |         |
| R5570    | ERJ6GEYJ101 | M 100OHM, J, 1/10W      |         |
| R5571    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R5572    | ERJ6GEYJ122 | M 1.2KOHM, J, 1/10W     |         |
| R5573    | ERD25VJ392  | C 3.9KOHM, J, 1/4W      |         |
| R5580    | ERJ6GEYJ103 | M 10KOHM, J, 1/10W      |         |
| R5581    | ERJ6GEYJ103 | M 10KOHM, J, 1/10W      |         |
| R5582    | ERJ6GEYJ123 | M 12KOHM, J, 1/10W      |         |
| R5583    | ERJ6GEYJ123 | M 12KOHM, J, 1/10W      |         |
| R5584    | ERJ6GEYJ151 | M 150OHM, J, 1/10W      |         |
| R5585    | ERJ6GEYJ391 | M 390OHM, J, 1/10W      |         |
| R5586    | ERJ6ENF1101 | M 1.1KOHM, 1/10W        |         |
| R5587    | ERJ6ENF3300 | M 330OHM, 1/10W         |         |
| R5588    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R5589    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R5590    | ERJ6ENF5231 | M5.23KOHM, 1/10W        |         |
| R5591    | ERJ6ENF2001 | M 2KOHM, 1/10W          |         |
| R5592    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R5593    | ERJ6GEYJ102 | M 1KOHM, J, 1/10W       |         |
| R5594    | ERJ6GEYJ153 | M 15KOHM, J, 1/10W      |         |
| R5595    | ERJ6GEYJ561 | M 560OHM, J, 1/10W      |         |
|          | CAPACITORS  |                         |         |
| C101     | ECEA1CKA220 | E 22UF, 16V             |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C103     | ECQV1H224JL  | P 0.22UF, J, 50V        |         |
| C110     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C111     | ECA1AM471B   | E 470UF, 10V            |         |
| C112     | ECEA1HKA010  | E 1UF, 50V              |         |
| C113     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C114     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C115     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C116     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C126     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C127     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C128     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C140     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C141     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C142     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C144     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C150     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C152     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C180     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C181     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C182     | ECA1CM101B   | E 100UF, 16V            |         |
| C354     | ECUX1H330JXC | C 33PF, J, 50V          |         |
| C355     | ECUX1H330JXC | C 33PF, J, 50V          |         |
| C356     | ECUX1H330JXC | C 33PF, J, 50V          |         |
| C359     | ECQM4104KZ   | P 0.1UF, K, 400V        |         |
| C368     | ECQV1H224JL  | P 0.22UF, J, 50V        |         |
| C370     | ECKW3D102KBR | C 1000PF, K, 2KV        |         |
| C371     | ECEA1CN100U  | E 10UF, 16V             |         |
| C373     | ECA2EM100B   | E 10UF, 250V            |         |
| C377     | ECA1CM101B   | E 100UF, 16V            |         |
| C402     | ECA1CM102B   | E 1000UF, 16V           |         |
| C403     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C404     | ECA1HM100B   | E 10UF, 50V             |         |
| C406     | ECSF1VE474V  | T 0.47UF, 35V           |         |
| C407     | ECA1HM2R2B   | E 2.2UF, 50V            |         |
| C408     | ECJ2VB1H153K | C 0.015UF, K, 50V       |         |
| C691     | ECA1HM470B   | E 47UF, 50V             |         |
| C692     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C693     | ECA1HM470B   | E 47UF, 50V             |         |
| C694     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C695     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C701     | ECQV1H684JM  | P 0.68UF, J, 50V        |         |
| C703     | F0C2E754A040 | P 0.75UF, 250V          |         |
| C705     | ECWF2564JBB  | P 0.56UF, J, 250V       |         |
| C708     | ECQE2824KF   | P 0.82UF, K, 250V       |         |
| C731     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C742     | F2A1E2210045 | E 220UF, 25V            |         |
| C750     | ECA1HM100B   | E 10UF, 50V             |         |
| C751     | ECQB1H393JF  | P 0.039UF, J, 50V       |         |
| C752     | ECA1HM100B   | E 10UF, 50V             |         |
| C753     | ECKR1H101KB5 | C 100PF, K, 50V         |         |
| C760     | ECA1HHG101   | E 100UF, 50V            |         |
| C761     | ECQB1H102KF  | P 1000PF, K, 50V        |         |
| C762     | ECQV1H105JM  | P 1UF, J, 50V           |         |
| C763     | ECQV1H105JM  | P 1UF, J, 50V           |         |
| C765     | ECEA1HGE100  | E 10UF, 50V             |         |
| C766     | ECQB1H223JF  | P 0.022UF, J, 50V       |         |
| C801     | ECQU2A224BN9 | P 0.22UF, 250V          |         |
| C802     | ECQU2A224BN9 | P 0.22UF, 250V          |         |
| C806     | ECKWAE472ZED | C 4700PF, Z, 500V       |         |
| C807     | ECKWAE472ZED | C 4700PF, Z, 500V       |         |
| C808     | ECKWAE472ZED | C 4700PF, Z, 500V       |         |
| C809     | ECKWAE472ZED | C 4700PF, Z, 500V       |         |
| C810     | EETHC2G471K  | E 470UF, 400V           |         |
| C811     | ECQM4473JZ   | P 0.047UF, J, 400V      |         |
| C814     | ECQE2A473JF  | P 0.047UF, J, 250V      |         |
| C816     | ECA1VM100B   | E 10UF, 35V             |         |
| C820     | ECKW3D101KBP | C 100PF, K, 2KV         |         |
| C821     | ECKW3D102KBP | C 1000PF, K, 2KV        |         |
| C825     | ECQB1H221JF  | P 220PF, J, 50V         |         |
| C826     | ECQB1H104JF  | P 0.1UF, 50V            |         |
| C827     | ECA1CM100B   | E 10UF, 16V             |         |
| C828     | ECQB1H104JF  | P 0.1UF, 50V            |         |
| C830     | ECQB1H102JF  | P 1000PF, 50V           |         |
| C840     | ECKCNA471MB7 | C 470PF, M,             |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C841     | ECKCNA102MB7 | C 1000PF, M,            |         |
| C842     | ECKCNA102MB7 | C 1000PF, M,            |         |
| C844     | ECKCNA471MB7 | C 470PF, M,             |         |
| C850     | ECKW3D152KBP | C 1500PF, K, 2KV        |         |
| C851     | ECKR2H221KB5 | C 220PF, K, 500V        |         |
| C852     | F2A1E2210045 | E 220UF, 25V            |         |
| C853     | ECKR2H331KB5 | C 330PF, K, 500V        |         |
| C855     | ECOS2CA271BB | E 270UF, 160V           |         |
| C856     | F2A1E2720011 | E 2700UF, 25V           |         |
| C857     | ECA1EHG222E  | E 2200UF, 25V           |         |
| C858     | ECA1EM102B   | E 1000UF, 25V           |         |
| C859     | ECKR2H331KB5 | C 330PF, K, 500V        |         |
| C862     | ECA1EM102B   | E 1000UF, 25V           |         |
| C870     | ECJ2VF1H473Z | C 0.047UF, Z, 50V       |         |
| C871     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C877     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C878     | ECA1VM101B   | E 100UF, 35V            |         |
| C879     | ECJ2VF1C474Z | C 0.47UF, Z, 16V        |         |
| C880     | ECA1EM101B   | E 100UF, 25V            |         |
| C881     | ECA1HM100B   | E 10UF, 50V             |         |
| C883     | EEUFC1C221B  | E 220UF, 16V            |         |
| C884     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C885     | ECA1CM101B   | E 100UF, 16V            |         |
| C886     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C887     | F2A1C47A1116 | E 470UF, 16V            |         |
| C888     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C889     | ECJ2VF1C104Z | C 0.1UF, Z, 16V         |         |
| C2152    | ECJ2VC1H010C | C 1PF, C, 50V           |         |
| C2801    | ECA1HM010B   | E 1UF, 50V              |         |
| C2802    | ECJ2VF1H224Z | C 0.22UF, Z, 50V        |         |
| C2804    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2805    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C2806    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C2808    | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C2810    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C2811    | ECA1HM010B   | E 1UF, 50V              |         |
| C2812    | ECJ2VF1H224Z | C 0.22UF, Z, 50V        |         |
| C2813    | ECJ2VC1H181J | C 180PF, J, 50V         |         |
| C2814    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C2818    | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C2830    | ECA1CM101B   | E 100UF, 16V            |         |
| C2850    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C2851    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3001    | ECA1HM101B   | E 100UF, 50V            |         |
| C3002    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C3003    | ECA1HM101B   | E 100UF, 50V            |         |
| C3004    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C3005    | ECA1HM101B   | E 100UF, 50V            |         |
| C3006    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C3007    | ECJ2ZF1C105Z | C 1UF, Z, 16V           |         |
| C3008    | ECEA1CN100U  | E 10UF, 16V             |         |
| C3010    | ECA1CM100B   | E 10UF, 16V             |         |
| C3011    | ECA1CM100B   | E 10UF, 16V             |         |
| C3012    | ECEA1CN100U  | E 10UF, 16V             |         |
| C3013    | ECJ2VC1H680J | C 68PF, J, 50V          |         |
| C3020    | ECA1CM100B   | E 10UF, 16V             |         |
| C3021    | ECA1CM100B   | E 10UF, 16V             |         |
| C3022    | ECA1CM100B   | E 10UF, 16V             |         |
| C3025    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C3026    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C3027    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C3028    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C3030    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C3031    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C3032    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C3033    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C3034    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C3035    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3036    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3039    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3041    | ECJ2VC1H221J | C 220PF, J, 50V         |         |
| C3042    | ECJ2VC1H391J | C 390PF, J, 50V         |         |
| C3053    | ECA1CM100B   | E 10UF, 16V             |         |
| C3055    | ECA1CM470B   | E 47UF, 16V             |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C3056    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C3062    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3063    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3064    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3074    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3075    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3080    | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C3081    | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C3082    | ECA1AM102B   | E 1000UF, 10V           |         |
| C3083    | ECA1HM010B   | E 1UF, 50V              |         |
| C3084    | ECA1HM010B   | E 1UF, 50V              |         |
| C3103    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3104    | ECJ2VB1H682K | C 6800PF, K, 50V        |         |
| C3105    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3106    | ECA1CM101B   | E 100UF, 16V            |         |
| C3107    | ECQV1H105JM  | F 1UF, J, 50V           |         |
| C3110    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3111    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3501    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C5557    | ECA1CM100B   | E 10UF, 16V             |         |
| C5558    | ECJ2VC1H680J | C 68PF, J, 50V          |         |
| C5560    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5561    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5562    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5564    | ECEA0JKA221  | E 220UF, 6.3V           |         |
| C5565    | ECJ2VB1H103K | C 0.01UF, K, 50V        |         |
| C5566    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C5567    | ECA1HM010B   | E 1UF, 50V              |         |
| C5568    | ECA1HM010B   | E 1UF, 50V              |         |
| C5570    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5571    | ECJ2VC1H150J | C 15PF, J, 50V          |         |
| C5572    | ECJ2VC1H150J | C 15PF, J, 50V          |         |
| C5573    | ECA1HM220B   | E 22UF, 50V             |         |
| C5574    | ECEA0JKA331  | E 330UF, 6.3V           |         |
| C5575    | ECJ2VB1H103K | C 0.01UF, K, 50V        |         |
| C5576    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5577    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C5578    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5580    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5581    | ECEA1CKN220  | E 22UF, 16V             |         |
| C5585    | ECJ2VC1H150J | C 15PF, J, 50V          |         |
| C5586    | ECJ2VC1H560J | C 56PF, J, 50V          |         |
| C5587    | ECJ2VC1H150J | C 15PF, J, 50V          |         |
| C5588    | ECJ2VC1H121J | C 120PF, J, 50V         |         |
| C5590    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5591    | ECEA1EKN4R7  | E 4.7UF, 25V            |         |
| C5595    | ECA1CM470B   | E 47UF, 16V             |         |
| C5596    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
|          | COILS        |                         |         |
| L10      | K1ZZ00001205 | CONNECTOR               |         |
| L101     | EXCELD35V    | CORE                    |         |
| L111     | TLTACTR56K   | PEAKING COIL            |         |
| L140     | TALV35VB8R2K | PEAKING COIL            |         |
| L180     | TALV35VB6R8K | PEAKING COIL            |         |
| L188     | EXCELSA35T   | BEAD CORE               |         |
| L189     | EXCELSA35T   | BEAD CORE               |         |
| L352     | EXCELSA24T   | BEAD CORE               |         |
| L401     | TALL08T680KA | INDUCTION COIL          |         |
| L460     | G0CR82KA0029 | PEAKING COIL            |         |
| L511     | EXCELSA39V   | BEAD CORE               |         |
| L512     | EXCELSA39V   | BEAD CORE               |         |
| L515     | EXCELSA35T   | BEAD CORE               |         |
| L551     | EXCELD35C    | BEAD CORE               |         |
| L552     | EXCELSA39V   | BEAD CORE               |         |
| L553     | EXCELD35C    | BEAD CORE               |         |
| L630     | TALV35VB680K | PEAKING COIL            |         |
| L690     | TALV35VB680K | PEAKING COIL            |         |
| L691     | TALV35VB680K | PEAKING COIL            |         |
| L701     | G0A682AA0006 | PEAKING COIL            |         |
| L702     | ELC16B391E   | CHOKE COIL              |         |
| L704     | G0A332BA0007 | CHOKE COIL              |         |
| L705     | ELH5L7121    | LINEARITY COIL          |         |
| L760     | ELC16B102E   | CHOKE COIL              |         |
| L761     | G0A332C00003 | CHOKE COIL              |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| L801     | TLP4GD016P   | LINE FILTER             |         |
| L802     | TLP4GD016P   | LINE FILTER             |         |
| L815     | EXCELSA39E   | BEAD CHOKE              |         |
| L820     | EXCELSA39E   | BEAD CHOKE              |         |
| L821     | EXCELSA35T   | BEAD CORE               |         |
| L822     | EXCELD35V    | CORE                    |         |
| L850     | TALL08T470KA | INDUCTION COIL          |         |
| L855     | EXCELSA35T   | BEAD CORE               |         |
| L864     | TALL08T470KA | INDUCTION COIL          |         |
| L871     | EXCELD35V    | CORE                    |         |
| L880     | G0A6R8HA0011 | CHOKE COIL              |         |
| D355     | MA152KTX     | DIODE                   |         |
| D356     | MA152KTX     | DIODE                   |         |
| D357     | MTZJ15B      | ZENER DIODE             |         |
| D360     | ERA22-04     | DIODE                   |         |
| D361     | ERA22-04     | DIODE                   |         |
| D362     | ERA22-04     | DIODE                   |         |
| D363     | MA152KTX     | DIODE                   |         |
| D365     | MTZJ10C      | ZENER DIODE             |         |
| D375     | MA152KTX     | DIODE                   |         |
| D402     | AK04         | DIODE                   |         |
| D466     | MTZJ39E      | ZENER DIODE             |         |
| D467     | ERA15-01     | DIODE                   |         |
| D468     | MTZJ39E      | ZENER DIODE             |         |
| D469     | MTZJ39E      | ZENER DIODE             |         |
| D470     | MA167        | DIODE                   |         |
| D471     | MA167        | DIODE                   |         |
| D511     | MA152KTX     | DIODE                   |         |
| D512     | MA182        | DIODE                   |         |
| D513     | AU02         | DIODE                   |         |
| D515     | B0HAMP000054 | DIODE                   |         |
| D517     | MTZJ12B      | ZENER DIODE             |         |
| D530     | MA4104J      | DIODE                   |         |
| D531     | MA171        | DIODE                   |         |
| D552     | B0HANV000002 | DIODE                   |         |
| D553     | RU3ANLFA10   | DIODE                   |         |
| D554     | MA185        | DIODE                   |         |
| D580     | MTZJ10C      | ZENER DIODE             |         |
| D582     | MA4082H      | DIODE                   |         |
| D583     | MA4082H      | DIODE                   |         |
| D612     | MA3068MTX    | DIODE                   |         |
| D613     | MA3068MTX    | DIODE                   |         |
| D614     | MA3068MTX    | DIODE                   |         |
| D731     | MA152KTX     | DIODE                   |         |
| D732     | MA152KTX     | DIODE                   |         |
| D733     | MA152KTX     | DIODE                   |         |
| D734     | MA152KTX     | DIODE                   |         |
| D750     | MA165        | DIODE                   |         |
| D751     | MA4104J      | DIODE                   |         |
| D752     | MA165        | DIODE                   |         |
| D765     | MA165        | DIODE                   |         |
| D766     | MTZJ10C      | ZENER DIODE             |         |
| D767     | MA29W-A      | DIODE                   |         |
| D768     | MA29W-A      | DIODE                   |         |
| D770     | MTZJ6.2C     | ZENER DIODE             |         |
| D801     | ERZV10D621CS | VARISTOR                | △       |
| D803     | D4SB80       | DIODE                   | △       |
| D804     | TAP4GA0009   | POSISTOR                | △       |
| D805     | TAP4GA0009   | POSISTOR                | △       |
| D810     | B0EAKT000019 | DIODE                   |         |
| D813     | AM01A        | DIODE                   |         |
| D814     | AM01A        | DIODE                   |         |
| D817     | AG01Z        | DIODE                   |         |
| D818     | MAZ2360      | DIODE                   |         |
| D819     | MTZJ24A      | ZENER DIODE             |         |
| D820     | MAZ20820A0LS | DIODE                   |         |
| D821     | MAZ20820A0LS | DIODE                   |         |
| D822     | MAZ20820A0LS | DIODE                   |         |
| D823     | AG01Z        | DIODE                   |         |
| D824     | AG01Z        | DIODE                   |         |
| D830     | AG01Z        | DIODE                   |         |
| D831     | B0BA02400029 | ZENER DIODE             |         |
| D840     | MA152KTX     | DIODE                   |         |
| D850     | FMGG2CSLF665 | DIODE                   |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| D851     | FMLG12S      | DIODE                   |         |
| D852     | AG01Z        | DIODE                   |         |
| D853     | RU4AMLF-M1   | DIODE                   |         |
| Q115     | 2SC2480TX    | TRANSISTOR              |         |
| Q116     | 2SD0601A0L   | TRANSISTOR              |         |
| Q140     | 2SC2480TX    | TRANSISTOR              |         |
| Q180     | 2SB709ATX    | TRANSISTOR              |         |
| Q181     | 2SD0601A0L   | TRANSISTOR              |         |
| Q182     | 2SD0601A0L   | TRANSISTOR              |         |
| Q183     | 2SD0601A0L   | TRANSISTOR              |         |
| Q369     | 2SB709ATX    | TRANSISTOR              |         |
| Q501     | 2SD0601A0L   | TRANSISTOR              |         |
| Q502     | 2SB709ATX    | TRANSISTOR              |         |
| Q520     | 2SD0601A0L   | TRANSISTOR              |         |
| Q541     | 2SC4212H     | TRANSISTOR              |         |
| Q551     | 2SC5902000LK | TRANSISTOR              |         |
| Q585     | 2SB709ATX    | TRANSISTOR              |         |
| Q601     | 2SD0601A0L   | TRANSISTOR              |         |
| Q640     | 2SB709ATX    | TRANSISTOR              |         |
| Q641     | 2SB709ATX    | TRANSISTOR              |         |
| Q662     | 2SD0601A0L   | TRANSISTOR              |         |
| Q680     | 2SD0601A0L   | TRANSISTOR              |         |
| Q691     | 2SD0601A0L   | TRANSISTOR              |         |
| Q750     | 2SA1018Q     | TRANSISTOR              |         |
| Q760     | 2SB709ATX    | TRANSISTOR              |         |
| Q840     | 2SD0601A0L   | TRANSISTOR              |         |
| Q860     | 2SD0601A0L   | TRANSISTOR              |         |
| Q864     | 2SD0601A0L   | TRANSISTOR              |         |
| Q865     | 2SD0601A0L   | TRANSISTOR              |         |
| Q945     | 2SD0601A0L   | TRANSISTOR              |         |
| Q953     | 2SC1318      | TRANSISTOR              |         |
| Q954     | 2SB1030A     | TRANSISTOR              |         |
| Q955     | 2SA21180PSLB | TRANSISTOR              |         |
| Q956     | 2SC59350PSLB | TRANSISTOR              |         |
| Q957     | 2SB709ATX    | TRANSISTOR              |         |
| Q958     | 2SD0601A0L   | TRANSISTOR              |         |
| Q962     | 2SD0601A0L   | TRANSISTOR              |         |
| Q963     | 2SC54190RA   | TRANSISTOR              |         |
| Q964     | 2SB14880QA   | TRANSISTOR              |         |
| Q1051    | 2SD0601A0L   | TRANSISTOR              |         |
| Q1140    | 2SD0601A0L   | TRANSISTOR              |         |
| Q1144    | 2SD0601A0L   | TRANSISTOR              |         |
| Q1160    | 2SD0601A0L   | TRANSISTOR              |         |
| Q1170    | 2SB709ATX    | TRANSISTOR              |         |
| Q1171    | 2SB709ATX    | TRANSISTOR              |         |
| Q1172    | 2SB709ATX    | TRANSISTOR              |         |
| Q2110    | 2SB709ATX    | TRANSISTOR              |         |
| Q2111    | 2SB709ATX    | TRANSISTOR              |         |
| Q2801    | 2SD0601A0L   | TRANSISTOR              |         |
| Q2830    | 2SB709ATX    | TRANSISTOR              |         |
| Q3001    | 2SD0601A0L   | TRANSISTOR              |         |
| Q3010    | 2SD0601A0L   | TRANSISTOR              |         |
| Q3011    | 2SB709ATX    | TRANSISTOR              |         |
| Q3040    | 2SB709ATX    | TRANSISTOR              |         |
| Q3041    | 2SB709ATX    | TRANSISTOR              |         |
| Q3042    | 2SB709ATX    | TRANSISTOR              |         |
| Q3105    | 2SD0601A0L   | TRANSISTOR              |         |
| Q3520    | 2SD0601A0L   | TRANSISTOR              |         |
| Q3521    | 2SB709ATX    | TRANSISTOR              |         |
| Q3580    | 2SB709ATX    | TRANSISTOR              |         |
| Q3590    | 2SB709ATX    | TRANSISTOR              |         |
| Q4801    | 2SD0601A0L   | TRANSISTOR              |         |
| Q4802    | B1ABCF000078 | TRANSISTOR              |         |
| Q5501    | 2SD0601A0L   | TRANSISTOR              |         |
| Q5502    | 2SD0601A0L   | TRANSISTOR              |         |
| Q5503    | 2SB709ATX    | TRANSISTOR              |         |
| Q5504    | 2SD0601A0L   | TRANSISTOR              |         |
| Q5505    | 2SB709ATX    | TRANSISTOR              |         |
| Q5520    | 2SD0601A0L   | TRANSISTOR              |         |
| JA51     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA52     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA53     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA54     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA55     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| JA56     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA60     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA61     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA70     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA71     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA75     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JK351    | K3B122A00001 | CRT SOCKET              | △       |
| JK3001   | K4BC21A00002 | REAR AV TERMINAL        |         |
| JK3101   | K4BK07B00006 | FRONT AV TERMINAL       |         |
| JS184    | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS364    | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS876    | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS877    | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS880    | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS1140   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS1141   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS1142   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS1143   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS1144   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS2331   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3030   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3031   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3064   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3065   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3071   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3072   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3080   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3081   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3102   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3501   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3502   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3503   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3504   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3505   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3506   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3507   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3510   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3511   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3520   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3530   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3532   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3533   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3550   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3551   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3553   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3554   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3560   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3561   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3562   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3565   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS3585   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS5507   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JS5541   | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| L2       | TJS118590    | 2P CONNECTOR            |         |
| L23      | TJS3A9680    | 7P CONNECTOR            |         |
| L41      | TJS3A9680    | 7P CONNECTOR            |         |
| RL801    | K6B1ADA00010 | RELAY                   | △       |
| RT1      | TJS3A9640    | 3P CONNECTOR            |         |
| RT2      | TJS3A9640    | 3P CONNECTOR            |         |
| S801     | ESB92DA1B    | SWITCH                  | △       |
| S1180    | EVQ11G05R    | SWITCH                  |         |
| R351     | ER0S2CKF1001 | M 1KOHM, F, 1/4W        |         |
| R352     | ER0S2CKF1001 | M 1KOHM, F, 1/4W        |         |
| R353     | ER0S2CKF1001 | M 1KOHM, F, 1/4W        |         |
| R354     | ERJ6ENF1501  | M 1.5KOHM, 1/10W        |         |
| R355     | ERJ6ENF1501  | M 1.5KOHM, 1/10W        |         |
| R356     | ERJ6ENF1501  | M 1.5KOHM, 1/10W        |         |
| R357     | ER0S2CKF1541 | M1.54KOHM, F, 1/4W      |         |
| R358     | ERG12DJ124   | M 120KOHM, J, 1/2W      |         |
| R359     | ERG12DJ124   | M 120KOHM, J, 1/2W      |         |
| R360     | ERG12DJ124   | M 120KOHM, J, 1/2W      |         |
| R361     | ERJ6ENF2002  | M 20KOHM, 1/10W         |         |
| R362     | ERJ6ENF4701  | M 4.7KOHM, 1/10W        |         |
| R363     | ERC12GK222   | S 2.2KOHM, K, 1/2W      |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R364     | ERC12GK222   | S 2.2KOHM,K, 1/2W       |         |
| R365     | ERC12GK222   | S 2.2KOHM,K, 1/2W       |         |
| R369     | ERJ6GEYJ103  | M 10KOHM,J,1/10W        |         |
| R371     | EROS2CKF1541 | M1.54KOHM,F, 1/4W       |         |
| R372     | EROS2CKF1541 | M1.54KOHM,F, 1/4W       |         |
| R374     | ERQ12AJ181P  | F 1800HM,J, 1/2W        |         |
| R381     | ERJ6GEY0R00  | M 00HM,J,1/10W          |         |
| R401     | ERDS1TJ271   | C 2700HM,J, 1/2W        |         |
| R402     | ERJ6GEYJ682  | M 6.8KOHM,J,1/10W       |         |
| R403     | ERJ6GEYJ333  | M 33KOHM,J,1/10W        |         |
| R468     | EROS2CHF4871 | M4.87KOHM,F, 1/4W       |         |
| R469     | EROS2CHF3741 | M3.74KOHM,F, 1/4W       |         |
| R471     | ERDS2TJ682   | C 6.8KOHM,J, 1/4W       |         |
| R472     | ERDS2TJ393   | C 39KOHM,J, 1/4W        |         |
| R473     | EROS2CHF4301 | M 4.3KOHM,F, 1/4W       |         |
| R474     | ERDS2TJ333   | C 33KOHM,J, 1/4W        |         |
| R475     | ERDS1FJ1R0   | C 10HM,J, 1/2W          |         |
| R476     | ERDS1FJ1R0   | C 10HM,J, 1/2W          |         |
| R477     | ERG2ANJP221H | M 2200HM,J, 2W          |         |
| R478     | ERDS1FJ1R5   | C 1.50HM,J, 1/2W        |         |
| R479     | ERG2ANJP102H | M 1KOHM,J, 2W           |         |
| R501     | ERJ6GEYJ102  | M 1KOHM,J,1/10W         |         |
| R502     | ERJ6GEYJ473  | M 47KOHM,J,1/10W        |         |
| R503     | ERJ6GEYJ222  | M 2.2KOHM,J,1/10W       |         |
| R504     | ERJ6GEYJ272  | M 2.7KOHM,J,1/10W       |         |
| R505     | ERJ6GEYJ102  | M 1KOHM,J,1/10W         |         |
| R506     | ERJ6GEYJ102  | M 1KOHM,J,1/10W         |         |
| R507     | ERDS2TJ104   | C 100KOHM,J, 1/4W       |         |
| R508     | ERJ6GEYJ104  | M 100KOHM,J,1/10W       |         |
| R509     | ERJ6GEYJ474  | M 470KOHM,J,1/10W       |         |
| R510     | ERJ6GEYJ824  | M 820KOHM,J,1/10W       |         |
| R512     | ERDS2TJ223   | C 22KOHM,J, 1/4W        |         |
| R513     | ERQ14AJ2R0E  | F 2.00HM,J, 1/4W        |         |
| R514     | ERDS1TJ394   | C 390KOHM,J, 1/2W       |         |
| R515     | ERQ1RJW1R0E  | F 10HM,J, 1W            |         |
| R519     | ERDS2TJ102   | C 1KOHM,J, 1/4W         |         |
| R520     | ERGISJ333E   | M 33KOHM,J, 1W          |         |
| R521     | EROS2CHF5902 | M 59KOHM,F, 1/2W        |         |
| R522     | ERJ6ENF1502  | M 15KOHM, 1/10W         |         |
| R523     | ERJ6ENF1502  | M 15KOHM, 1/10W         |         |
| R524     | ERJ6ENF3902  | M 39KOHM, 1/10W         |         |
| R525     | ERJ6ENF2202  | M 22KOHM, 1/10W         |         |
| R526     | ERJ6GEYJ102  | M 1KOHM,J,1/10W         |         |
| R530     | ERQ14AJ100E  | F 100HM,J, 1/4W         |         |
| R531     | EROS2CKF1152 | M11.5KOHM,F, 1/4W       |         |
| R532     | EROS2CKF1052 | M10.5KOHM,F, 1/4W       |         |
| R533     | EROS2CKF1002 | M 10KOHM,F, 1/4W        |         |
| R540     | ERDS2TJ561   | C 5600HM,J, 1/4W        |         |
| R541     | ERDS2TJ241   | C 2400HM,J, 1/4W        |         |
| R542     | ERG3FJ392H   | M 3.9KOHM,J, 3W         |         |
| R544     | ERG3FJ122    | M 1.2KOHM,J, 3W         |         |
| R579     | EROS2CHF4221 | M4.22KOHM,F, 1/4W       |         |
| R765     | ERQ12HJ150P  | F 150HM,J, 1/2W         |         |
| R766     | ERJ6GEY0R00  | M 00HM,J,1/10W          |         |
| R767     | ERJ6GEYJ472  | M 4.7KOHM,J,1/10W       |         |
| R768     | ERQ2CJP2R7S  | F 2.70HM,J, 2W          |         |
| R769     | ERG2SJS821E  | M 8200HM,J, 2W          |         |
| R770     | ERJ6GEYJ563  | M 56KOHM,J,1/10W        |         |
| R771     | ERJ6GEYJ104  | M 100KOHM,J,1/10W       |         |
| R772     | ERGISJ101E   | M 1000HM,J, 1W          |         |
| R773     | D0AB622JA046 | C 6.2KOHM,J, 1/4W       |         |
| R774     | ERJ6GEYJ101  | M 1000HM,J,1/10W        |         |
| R801     | TAR26FJ2R7Z  | W 2.70HM, 15W           | △       |
| R810     | ERG2FJ470    | M 470HM,J, 2W           |         |
| R811     | ERG2SJS104H  | M 100KOHM,J, 2W         |         |
| R814     | ERQ12AJ100P  | F 100HM, 1/2W           |         |
| R817     | ERDS1TJ100   | C 100HM,J, 1/2W         |         |
| R818     | ERG2FJ562H   | M 5.6KOHM,J, 2W         |         |
| R819     | ERG5FJ473H   | M 47KOHM,J, 5W          |         |
| R820     | ERX12SZJR12E | M 0.120HM,J, 1/2W       |         |
| R821     | ERX12SZJR15E | M 0.150HM,J, 1/2W       |         |
| R824     | ERDS2TJ332   | C 3.3KOHM,J, 1/4W       |         |
| R825     | ERDS2TJ152   | C 1.5KOHM,J, 1/4W       |         |
| R827     | ERDS2TJ154   | C 150KOHM,J, 1/4W       |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R830     | ERDS2TJ221   | C 2200HM,J, 1/4W        |         |
| R831     | ERDS2TJ273   | C 27KOHM,J, 1/4W        |         |
| R840     | ERD75TAJ825  | C 8.2MOHM,J, 3/4W       |         |
| R841     | ERJ6GEYJ473  | M 47KOHM,J,1/10W        |         |
| R842     | ERJ6GEYJ331  | M 3300HM,J,1/10W        |         |
| R850     | ERDS1TJ102   | C 1KOHM,J, 1/2W         |         |
| R851     | ERDS2TJ102   | C 1KOHM,J, 1/4W         |         |
| R859     | ERX5FJ3R0    | M 30HM,J, 5W            |         |
| R861     | ERDS1TJ102   | C 1KOHM,J, 1/2W         |         |
| R862     | ERJ6GEYJ152  | M 1.5KOHM,J,1/10W       |         |
| R868     | ERJ6GEYJ103  | M 10KOHM,J,1/10W        |         |
| R870     | ERJ6GEYJ472  | M 4.7KOHM,J,1/10W       |         |
| R871     | ERJ6GEYJ472  | M 4.7KOHM,J,1/10W       |         |
| R874     | ERJ6GEYJ472  | M 4.7KOHM,J,1/10W       |         |
| R880     | ERJ6GEYJ473  | M 47KOHM,J,1/10W        |         |
| R881     | ERJ6GEYJ223  | M 22KOHM,J,1/10W        |         |
| R882     | ERJ6ENF5362  | M53.6KOHM, 1/10W        |         |
| R883     | EROS2CHF1502 | M 15KOHM,F, 1/4W        |         |
| R884     | ERJ6GEYJ681  | M 6800HM,J,1/10W        |         |
| R885     | ERJ6GEY0R00  | M 00HM,J,1/10W          |         |
| R952     | ERJ6GEYJ223  | M 22KOHM,J,1/10W        |         |
| R953     | ERJ6GEYJ332  | M 3.3KOHM,J,1/10W       |         |
| R954     | ERJ6GEYJ331  | M 3300HM,J,1/10W        |         |
| R956     | ERJ6GEYJ510  | M 510HM,J,1/10W         |         |
| R958     | ERJ6GEYJ391  | M 3900HM,J,1/10W        |         |
| R960     | ERQ14AJ100E  | F 100HM,J, 1/4W         |         |
| R961     | ERQ1CJP331S  | F 3300HM,J, 1W          |         |
| R962     | ERDS2TJ330   | C 330HM,J, 1/4W         |         |
| R963     | ERDS2TJ330   | C 330HM,J, 1/4W         |         |
| R964     | ERQ14AJ471E  | F 4700HM,J, 1/4W        |         |
| R965     | ERDS2TJ223   | C 22KOHM,J, 1/4W        |         |
| R966     | ERDS1FVJ471T | C 4700HM,J, 1/2W        |         |
| R967     | ERDS2TJ223   | C 22KOHM,J, 1/4W        |         |
| R968     | ERDS2TJ471   | C 4700HM,J, 1/4W        |         |
| R969     | ERDS2TJ390   | C 390HM,J, 1/4W         |         |
| R970     | ERDS2TJ2R7   | C 2.70HM,J, 1/4W        |         |
| R971     | ERDS2TJ2R7   | C 2.70HM,J, 1/4W        |         |
| R972     | ERDS2TJ390   | C 390HM,J, 1/4W         |         |
| R973     | ERDS2TJ101   | C 1000HM,J, 1/4W        |         |
| R975     | ERJ6GEYJ101  | M 1000HM,J,1/10W        |         |
| R976     | ERJ6GEYJ101  | M 1000HM,J,1/10W        |         |
| R977     | ERJ6GEYJ561  | M 5600HM,J,1/10W        |         |
| R978     | ERJ6GEYJ101  | M 1000HM,J,1/10W        |         |
| R980     | ERDS2TJ104   | C 100KOHM,J, 1/4W       |         |
| R2101    | ERDS1FJ150   | C 150HM,J, 1/2W         |         |
| R2104    | ERJ6GEYJ103  | M 10KOHM,J,1/10W        |         |
| R2110    | ERJ6GEY0R00  | M 00HM,J,1/10W          |         |
| R2111    | ERJ6GEY0R00  | M 00HM,J,1/10W          |         |
| R2112    | ERJ6GEYJ222  | M 2.2KOHM,J,1/10W       |         |
| R2113    | ERJ6GEYJ222  | M 2.2KOHM,J,1/10W       |         |
| R2116    | ERJ6GEYJ101  | M 1000HM,J,1/10W        |         |
| R2117    | ERJ6GEYJ101  | M 1000HM,J,1/10W        |         |
| R2140    | ERJ6GEYJ471  | M 4700HM,J,1/10W        |         |
| R2141    | ERJ6GEYJ101  | M 1000HM,J,1/10W        |         |
| R2801    | ERJ6GEYJ103  | M 10KOHM,J,1/10W        |         |
| R2803    | ERDS2TJ8R2   | C 8.20HM,J, 1/4W        |         |
| R2804    | ERJ6GEYJ152  | M 1.5KOHM,J,1/10W       |         |
| R2805    | ERJ6GEYJ152  | M 1.5KOHM,J,1/10W       |         |
| R2806    | ERJ6GEYJ123  | M 12KOHM,J,1/10W        |         |
| R2813    | ERDS2TJ8R2   | C 8.20HM,J, 1/4W        |         |
| R2814    | ERJ6GEYJ152  | M 1.5KOHM,J,1/10W       |         |
| R2815    | ERJ6GEYJ152  | M 1.5KOHM,J,1/10W       |         |
| R2830    | ERJ6GEYJ103  | M 10KOHM,J,1/10W        |         |
| R2831    | ERJ6GEYJ102  | M 1KOHM,J,1/10W         |         |
| R2832    | ERJ6GEYJ104  | M 100KOHM,J,1/10W       |         |
| R2850    | ERJ6GEYJ471  | M 4700HM,J,1/10W        |         |
| R2851    | ERJ6GEYJ471  | M 4700HM,J,1/10W        |         |
| R3001    | ERJ6GEYJ561  | M 5600HM,J,1/10W        |         |
| R3005    | ERJ6GEYJ331  | M 3300HM,J,1/10W        |         |
| R3006    | ERJ6GEYJ511  | M 5100HM,J,1/10W        |         |
| R3009    | ERJ6GEYJ331  | M 3300HM,J,1/10W        |         |
| R3010    | ERJ6GEYJ750  | M 750HM, 1/10W          |         |
| R3011    | ERJ6GEYJ750  | M 750HM, 1/10W          |         |
| R3013    | ERJ6GEYJ750  | M 750HM, 1/10W          |         |



| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R3014    | ERJ6GEYJ683  | M 68KOHM, J, 1/10W      |         |
| R3015    | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R3016    | ERJ6GEYJ681  | M 680OHM, J, 1/10W      |         |
| R3017    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R3018    | ERJ6GEYJ121  | M 120OHM, J, 1/10W      |         |
| R3019    | ERJ6GEYJ390  | M 39OHM, J, 1/10W       |         |
| R3020    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3021    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R3022    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R3023    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R3025    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3026    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3027    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3028    | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R3029    | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R3030    | ERJ6GEYJ221  | M 220OHM, J, 1/10W      |         |
| R3031    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3032    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3033    | ERJ6GEYJ184  | M 180KOHM, J, 1/10W     |         |
| R3034    | ERJ6GEYJ184  | M 180KOHM, J, 1/10W     |         |
| R3039    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3043    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3044    | ERJ6GEYJ681  | M 680OHM, J, 1/10W      |         |
| R3045    | ERJ6GEYJ681  | M 680OHM, J, 1/10W      |         |
| R3050    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3051    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3052    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3053    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |
| R3060    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3061    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3062    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R3066    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3067    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R3068    | ERJ6GEYJ184  | M 180KOHM, J, 1/10W     |         |
| R3069    | ERJ6GEYJ184  | M 180KOHM, J, 1/10W     |         |
| R3070    | ERJ6GEYJ750  | M 75OHM, 1/10W          |         |
| R4806    | ERJ6ENF3320  | M 332OHM, 1/10W         |         |
| R4807    | ERJ6ENF1001  | M 1KOHM, 1/10W          |         |
| R4808    | ERJ6ENF3832  | M38.3KOHM, 1/10W        |         |
| R4809    | ERJ6ENF9091  | M9.09KOHM, 1/10W        |         |
| R4810    | ERJ6ENF2213  | M 221KOHM, 1/10W        |         |
| R4811    | ERJ6ENF5491  | M5.49KOHM, 1/10W        |         |
| R4812    | EROS2CKF5621 | M5.62KOHM, F, 1/4W      |         |
| R4815    | ERDS1FJ100   | C 10OHM, J, 1/2W        |         |
| R4816    | ERDS1FJ390   | C 39OHM, J, 1/2W        |         |
| R4829    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R4837    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R4840    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R4841    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R4842    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R4843    | ERJ6GEYJ471  | M 470OHM, J, 1/10W      |         |
| R4844    | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R4850    | ERJ6GEYJ104  | M 100KOHM, J, 1/10W     |         |
| R4853    | ERJ6GEYJ104  | M 100KOHM, J, 1/10W     |         |
| R4855    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R4857    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R4862    | ERJ6GEYJ822  | M 8.2KOHM, J, 1/10W     |         |
| R4863    | EVMEGSA00B23 | VARIABLE RESISTOR       |         |
| R5501    | ERJ6GEYJ272  | M 2.7KOHM, J, 1/10W     |         |
| R5502    | ERJ6GEYJ151  | M 150OHM, J, 1/10W      |         |
| R5503    | ERJ6GEYJ152  | M 1.5KOHM, J, 1/10W     |         |
| R5504    | ERJ6GEYJ301  | M 300OHM, J, 1/10W      |         |
| R5505    | ERJ6GEYJ822  | M 8.2KOHM, J, 1/10W     |         |
| R5506    | ERJ6GEYJ152  | M 1.5KOHM, J, 1/10W     |         |
| R5510    | ERJ6GEYJ390  | M 39OHM, J, 1/10W       |         |
| R5511    | ERJ6GEYJ681  | M 680OHM, J, 1/10W      |         |
| R5512    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R5513    | ERJ6GEYJ121  | M 120OHM, J, 1/10W      |         |
| R5514    | ERJ6GEYJ683  | M 68KOHM, J, 1/10W      |         |
| R5515    | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R5516    | ERJ6GEYJ152  | M 1.5KOHM, J, 1/10W     |         |
| R5517    | ERJ6GEYJ151  | M 150OHM, J, 1/10W      |         |
| R5518    | ERJ6GEYJ121  | M 120OHM, J, 1/10W      |         |
| R5520    | ERJ6GEYJ331  | M 330OHM, J, 1/10W      |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R5521    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R5522    | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R5525    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R5526    | ERJ6GEYJ222  | M 2.2KOHM, J, 1/10W     |         |
| R5527    | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R5528    | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R5529    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R5530    | ERJ6GEYJ103  | M 10KOHM, J, 1/10W      |         |
| R5531    | ERJ6GEYJ681  | M 680OHM, J, 1/10W      |         |
| R5532    | ERJ6GEYJ271  | M 270OHM, J, 1/10W      |         |
| R5533    | ERJ6GEYJ683  | M 68KOHM, J, 1/10W      |         |
| R5534    | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R5535    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R5540    | ERJ6GEYJ151  | M 150OHM, J, 1/10W      |         |
| R5541    | ERJ6GEYJ202  | M 2KOHM, J, 1/10W       |         |
| R5542    | ERJ6GEYJ101  | M 100OHM, J, 1/10W      |         |
| R5543    | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R5544    | ERJ6GEYJ223  | M 22KOHM, J, 1/10W      |         |
| R5545    | ERJ6GEYJ152  | M 1.5KOHM, J, 1/10W     |         |
| R5546    | ERJ6GEYJ561  | M 560OHM, J, 1/10W      |         |
| R5547    | ERJ6GEYJ332  | M 3.3KOHM, J, 1/10W     |         |
| R5548    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R5550    | ERJ6GEYJ102  | M 1KOHM, J, 1/10W       |         |
| R5551    | ERJ6GEYJ472  | M 4.7KOHM, J, 1/10W     |         |
| R5552    | ERJ6GEYJ151  | M 150OHM, J, 1/10W      |         |
| R5553    | ERJ6GEYJ392  | M 3.9KOHM, J, 1/10W     |         |
| R5554    | ERJ6GEYJ202  | M 2KOHM, J, 1/10W       |         |
| R5555    | ERJ6GEYJ151  | M 150OHM, J, 1/10W      |         |
| C452     | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C474     | ECA1HM010B   | E 1UF, 50V              |         |
| C475     | ECA1VM221B   | E 220UF, 35V            |         |
| C476     | ECA1VM222E   | E 2200UF, 35V           |         |
| C477     | ECA1HM2R2B   | E 2.2UF, 50V            |         |
| C478     | ECQB1104JF   | P 0.1UF, J, 100V        |         |
| C479     | ECQB1274JF   | P 0.27UF, J, 100V       |         |
| C501     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C509     | ECA1HM010B   | E 1UF, 50V              |         |
| C511     | ECQM1393KZ   | P 0.039UF, K, 100V      |         |
| C512     | ECEA2CNR47S  | E 0.47UF, 160V          |         |
| C513     | ECA2EM220B   | E 22UF, 250V            |         |
| C514     | ECKR2H31KB5  | C 330PF, K, 500V        |         |
| C515     | ECKR2H471KB5 | C 470PF, K, 500V        |         |
| C516     | ECA1VM332E   | E 3300UF, 35V           |         |
| C520     | ECQM4822JZ   | P 8200PF, J, 400V       |         |
| C530     | ECA1HM100B   | E 10UF, 50V             |         |
| C531     | ECKR2H271KB5 | C 270PF, K, 500V        |         |
| C533     | ECA1VM470B   | E 47UF, 35V             |         |
| C534     | ECQV1H104JL  | P 0.1UF, J, 50V         |         |
| C535     | ECA160V33UE  | E 33UF, 160V            |         |
| C543     | ECKR2H332KB5 | C 3300PF, K, 500V       |         |
| C544     | L7Y5P4B222K  | C 2200PF, K, 500V       |         |
| C551     | ECWH20102JVY | P 1000PF, J, 2KV        |         |
| C553     | ECQP1223JZ   | P 0.022UF, J, 100V      |         |
| C554     | ECWH20272JVY | P 2700PF, J, 2KV        |         |
| C559     | ECQM4333JZ   | P 0.033UF, 400V         |         |
| C560     | ECWH20123JVB | P 0.012UF, J, 2KV       |         |
| C561     | ECQM4473JZ   | P 0.047UF, J, 400V      |         |
| C582     | ECJ2FB1H473K | C 0.047UF, K, 50V       |         |
| C583     | ECJ2VC1H120J | C 12PF, J, 50V          |         |
| C585     | ECA1HM4R7B   | E 4.7UF, 50V            |         |
| C586     | ECA1HM470B   | E 47UF, 50V             |         |
| C601     | ECA1HMR47B   | E 0.47UF, 50V           |         |
| C602     | ECA1HM100B   | E 10UF, 50V             |         |
| C604     | ECJ2VC1H100C | C 10PF, C, 50V          |         |
| C605     | F2A1HR22A182 | E 0.22UF, 50V           |         |
| C606     | ECJ2VB1H222K | C 2200PF, K, 50V        |         |
| C607     | ECA1HMR47B   | E 0.47UF, 50V           |         |
| C608     | ECJ2VC1H331J | C 330PF, J, 50V         |         |
| C609     | ECJ2VB1H333K | C 0.033UF, K, 50V       |         |
| C610     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C611     | ECA1HM470B   | E 47UF, 50V             |         |
| C615     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C623     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C624     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C625     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C630     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C631     | ECA1HM470B   | E 47UF, 50V             |         |
| C645     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C655     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C657     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C658     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C665     | ECA1HM100B   | E 10UF, 50V             |         |
| C666     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C667     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C670     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C671     | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C672     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C673     | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C674     | ECJ2VB1H472K | C 4700PF, K, 50V        |         |
| C676     | ECJ2VC1H221J | C 220PF, J, 50V         |         |
| C680     | ECJ2VB1H222K | C 2200PF, K, 50V        |         |
| C681     | ECA1HMR47B   | E 0.47UF, 50V           |         |
| C682     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C690     | ECA1HM100B   | E 10UF, 50V             |         |
| C904     | F1B1H103A013 | C 0.01UF, 50V           |         |
| C952     | ECA1HHG100   | E 10UF, 50V             |         |
| C953     | F1B1H103A013 | C 0.01UF, 50V           |         |
| C958     | ECA2CM470B   | E 47UF, 160V            |         |
| C959     | ECKW2H103ZF7 | C 0.01UF, Z, 500V       |         |
| C960     | ECCR2H151J   | C 150PF, J, 500V        |         |
| C961     | ECA2AM100B   | E 10UF, 100V            |         |
| C962     | ECKW2H103ZF7 | C 0.01UF, Z, 500V       |         |
| C963     | ECCR2H151J   | C 150PF, J, 500V        |         |
| C964     | ECA1CHG101   | E 100UF, 16V            |         |
| C965     | ECA2CM220B   | E 22UF, 160V            |         |
| C966     | ECA1CHG101   | E 100UF, 16V            |         |
| C967     | ECA1CM221B   | E 220UF, 16V            |         |
| C971     | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C980     | ECA1CM101B   | E 100UF, 16V            |         |
| C1051    | ECUX1H101JCX | C 100PF, J, 50V         |         |
| C1052    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C1053    | ECA1CM221B   | E 220UF, 16V            |         |
| C1101    | ECJ2VC1H471J | C 470PF, J, 50V         |         |
| C1102    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C1103    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C1104    | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C1120    | ECA1HM4R7B   | E 4.7UF, 50V            |         |
| C1121    | ECA1HM4R7B   | E 4.7UF, 50V            |         |
| C1131    | ECJ2VC1H560J | C 56PF, J, 50V          |         |
| C1132    | ECJ2VC1H560J | C 56PF, J, 50V          |         |
| C1133    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C1134    | ECA0JM221B   | E 220UF, 6.3V           |         |
| C1145    | ECJ2VC1H680J | C 68PF, J, 50V          |         |
| C1150    | ECUX1H151JCX | C 150PF, J, 50V         |         |
| C1151    | ECUX1H151JCX | C 150PF, J, 50V         |         |
| C1152    | ECUX1H151JCX | C 150PF, J, 50V         |         |
| C1155    | ECA1CM471B   | E 470UF, 16V            |         |
| C1156    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C1157    | ECA1CM471B   | E 470UF, 16V            |         |
| C1158    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C1180    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C2101    | ECA1CM101B   | E 100UF, 16V            |         |
| C2102    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2103    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C2110    | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C2111    | ECJ2VC1H102J | C 1000PF, J, 50V        |         |
| C2113    | ECA1CM100B   | E 10UF, 16V             |         |
| C2114    | ECA1CM100B   | E 10UF, 16V             |         |
| C2115    | ECA1HM101B   | E 100UF, 50V            |         |
| C2116    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2120    | ECA1HM3R3B   | E 3.3UF, 50V            |         |
| C2121    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C2124    | ECA1HM100B   | E 10UF, 50V             |         |
| C2125    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C2126    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2127    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2128    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2129    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C2132    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2133    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2140    | ECA1CM470B   | E 47UF, 16V             |         |
| C2141    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2142    | ECA1CM101B   | E 100UF, 16V            |         |
| C2143    | ECJ2VB1C104K | C 0.1UF, K, 16V         |         |
| C2145    | ECJ2VC1H560J | C 56PF, J, 50V          |         |
| C2146    | ECJ2VC1H560J | C 56PF, J, 50V          |         |
| C2148    | ECJ2VC1H470J | C 47PF, J, 50V          |         |
| C2149    | ECJ2VC1H070D | C 7PF, D, 50V           |         |
| C2150    | ECJ2VC1H470J | C 47PF, J, 50V          |         |
| C2151    | ECJ2VC1H010C | C 1PF, C, 50V           |         |
| C3502    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3503    | ECUX1H330JCX | C 33PF, J, 50V          |         |
| C3504    | ECUX1H330JCX | C 33PF, J, 50V          |         |
| C3505    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3506    | ECA1CM471B   | E 470UF, 16V            |         |
| C3507    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3508    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3509    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3510    | ECA1HM100B   | E 10UF, 50V             |         |
| C3511    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3512    | ECA1HM100B   | E 10UF, 50V             |         |
| C3513    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3520    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3521    | ECUX1H151JCX | C 150PF, J, 50V         |         |
| C3522    | ECJ2VF1C105Z | C 1UF, Z, 16V           |         |
| C3523    | ECEA1CN100U  | E 10UF, 16V             |         |
| C3545    | ECA1CM101B   | E 100UF, 16V            |         |
| C3546    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3550    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3551    | ECA1CM100B   | E 10UF, 16V             |         |
| C3552    | ECUX1H101JCX | C 100PF, J, 50V         |         |
| C3553    | ECUX1H101JCX | C 100PF, J, 50V         |         |
| C3560    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C3561    | ECA1CM100B   | E 10UF, 16V             |         |
| C3580    | ECJ2VC1H121J | C 120PF, J, 50V         |         |
| C3586    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C3587    | ECA1CM221B   | E 220UF, 16V            |         |
| C4801    | ECEA1EKS4R7  | E 4.7UF, 25V            |         |
| C4803    | ECQV1H334JM  | P 0.33UF, J, 50V        |         |
| C4804    | ECQV1H334JM  | P 0.33UF, J, 50V        |         |
| C4805    | ECA1VM470B   | E 47UF, 35V             |         |
| C4806    | ECA1HM4R7B   | E 4.7UF, 50V            |         |
| C4808    | ECEA1EKS330  | E 33UF, 25V             |         |
| C4811    | ECJ2VB1H103K | C 0.01UF, K, 50V        |         |
| C4812    | ECA1HM100B   | E 10UF, 50V             |         |
| C4813    | ECA1CM101B   | E 100UF, 16V            |         |
| C4814    | ECA1CM101B   | E 100UF, 16V            |         |
| C4822    | ECHU1C103JA5 | P 0.01UF, J, 16V        |         |
| C4824    | ECEA1CN100U  | E 10UF, 16V             |         |
| C4825    | EEUFC1C560B  | E 56UF, 16V             |         |
| C5501    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5502    | ECA1CM470B   | E 47UF, 16V             |         |
| C5503    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| C5504    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5510    | ECA1CM101B   | E 100UF, 16V            |         |
| C5511    | ECJ2VC1H680J | C 68PF, J, 50V          |         |
| C5512    | ECEA1AKN470  | E 47UF, 10V             |         |
| C5513    | ECUX1H101JCX | C 100PF, J, 50V         |         |
| C5514    | ECJ2VC1H181J | C 180PF, J, 50V         |         |
| C5520    | ECA1CM101B   | E 100UF, 16V            |         |
| C5526    | ECUX1H151JCX | C 150PF, J, 50V         |         |
| C5540    | ECJ2VB1H222K | C 2200PF, K, 50V        |         |
| C5541    | ECEA1HKA100  | E 10UF, 50V             |         |
| C5542    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5543    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5544    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5545    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |
| C5547    | ECUX1H330JCX | C 33PF, J, 50V          |         |
| C5548    | ECUX1H330JCX | C 33PF, J, 50V          |         |
| C5549    | ECUX1H330JCX | C 33PF, J, 50V          |         |
| C5551    | ECJ2VB1H103K | C 0.01UF, K, 50V        |         |
| C5552    | ECJ2VF1H103Z | C 0.01UF, Z, 50V        |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C5553    | ECEAOJKA331  | E 330UF, 6.3V           |         |
| C5554    | ECEAOJKA221  | E 220UF, 6.3V           |         |
| C5555    | ECEALCKA101  | E 100UF, 16V            |         |
| C5556    | ECJ2VF1H104Z | C 0.1UF, Z, 50V         |         |
| L881     | G0A6R8HA0011 | CHOKE COIL              |         |
| L882     | EXCELSA39V   | BEAD CORE               |         |
| L889     | EXCELSA35T   | BEAD CORE               |         |
| L951     | EXCELSA24T   | BEAD CORE               |         |
| L953     | EXCELSA24T   | BEAD CORE               |         |
| L954     | EXCELSA24T   | BEAD CORE               |         |
| L955     | EXCELSA24T   | BEAD CORE               |         |
| L1102    | EXCELSA35T   | BEAD CORE               |         |
| L1103    | EXCELD35V    | CORE                    |         |
| L1104    | EXCELSA35T   | BEAD CORE               |         |
| L1156    | EXCELSA35T   | BEAD CORE               |         |
| L1160    | EXCELSA35T   | BEAD CORE               |         |
| L2101    | EXCELSA35T   | BEAD CORE               |         |
| L2140    | EXCELSA35T   | BEAD CORE               |         |
| L2141    | EXCELSA35T   | BEAD CORE               |         |
| L2142    | TALV35VB180K | PEAKING COIL            |         |
| L2306    | EXCELSA35T   | BEAD CORE               |         |
| L2830    | EXCELSA35T   | BEAD CORE               |         |
| L2831    | EXCELSA35T   | BEAD CORE               |         |
| L3001    | G0C151JA0021 | PEAKING COIL            |         |
| L3002    | G0C151JA0021 | PEAKING COIL            |         |
| L3003    | EXCELSA35T   | BEAD CORE               |         |
| L3050    | TALV35VB100J | PEAKING COIL            |         |
| L3091    | TALV35VB100J | PEAKING COIL            |         |
| L3104    | TSK1032      | BEAD CORE               |         |
| L3105    | TSK1032      | BEAD CORE               |         |
| L3117    | ELEXT470KA   | PEAKING COIL            |         |
| L3510    | TALC325T4R7M | CHIP INDUCTOR COI       |         |
| L3511    | TALC325T4R7M | CHIP INDUCTOR COI       |         |
| L3520    | ELJFA5R6JF   | CHIP INDUCTOR           |         |
| L4802    | EXCELD35V    | CORE                    |         |
| L4803    | TLTACT100J   | PEAKING COIL            |         |
| L4804    | TALL08T102JA | INDUCTION COIL          |         |
| L4810    | EXCELD35V    | CORE                    |         |
| L5501    | TALV35VB100J | PEAKING COIL            |         |
| L5510    | TALV35VB100J | PEAKING COIL            |         |
| L5520    | TALV35VB100J | PEAKING COIL            |         |
| L5537    | EXCELD35V    | CORE                    |         |
| L5538    | EXCELD35V    | CORE                    |         |
| L5539    | EXCELD35V    | CORE                    |         |
| L5550    | TLTACT150J   | PEAKING COIL            |         |
| L5551    | G0C101J00001 | PEAKING COIL            |         |
| L5552    | EXCELD25V    | CORE                    |         |
| L5554    | EXCELD35V    | CORE                    |         |
| L5555    | TALV35VB100J | PEAKING COIL            |         |
| L5556    | TLTACT150J   | PEAKING COIL            |         |
| L5557    | EXCELSA35T   | BEAD CORE               |         |
| L5558    | TSK1032      | BEAD CORE               |         |
| L5570    | TLTACT270J   | PEAKING COIL 27U        |         |
| L5580    | TLTACT470J   | PEAKING COIL            |         |
| L5581    | TLTACT180J   | PEAKING COIL            |         |
| L5582    | EXCELSA35T   | BEAD CORE               |         |
| LC4801   | L2DA00000006 | GEOMAGNETIC SENSO       |         |
|          | TRANSFORMERS |                         |         |
| T9       | K1KA09B00020 | CONNECTOR               |         |
| T501     | ZTFN34003A   | FLYBACK TRANS           | △       |
| T551     | ETH19Y210AZ  | H DRIVE TRANS           | △       |
| T801     | G4D3Z0000001 | SWITCHING TRANS         | △       |
| T3010    | TSK1040      | BEAD CORE               |         |
| T3060    | TSK1040      | BEAD CORE               |         |
| T3101    | TSK1040      | BEAD CORE               |         |
|          | DIODES       |                         |         |
| D110     | B0BA01500003 | ZENER DIODE             |         |
| D111     | B0BA01600007 | ZENER DIODE             |         |
| D120     | MA858        | DIODE                   |         |
| D354     | MA152KTX     | DIODE                   |         |
| D854     | RU4AMLF-M1   | DIODE                   |         |
| D860     | TLP721FD4GR  | PHOTO COUPLER           | △       |
| D861     | MTZJ20D      | ZENER DIODE             |         |
| D862     | MTZJ4.7B     | ZENER DIODE             |         |

| Ref. No. | Part No.            | Part Name & Description | Remarks |
|----------|---------------------|-------------------------|---------|
| D865     | AG01Z               | DIODE                   |         |
| D870     | MTZJ3.6A            | ZENER DIODE             |         |
| D880     | MA3043MTX           | DIODE                   |         |
| D980     | MTZJ6.8B            | ZENER DIODE             |         |
| D1051    | LNH201RGRF5         | LED                     |         |
| D1105    | MAZ40330L           | DIODE                   |         |
| D1130    | MTZJ5.6C            | ZENER DIODE             |         |
| D1131    | MTZJ5.6C            | ZENER DIODE             |         |
| D1140    | MA152KTX            | DIODE                   |         |
| D1144    | MAZ30360LL          | ZENER DIODE             |         |
| D1150    | MA152KTX            | DIODE                   |         |
| D1151    | MA152KTX            | DIODE                   |         |
| D1152    | MA152KTX            | DIODE                   |         |
| D1155    | MA152KTX            | DIODE                   |         |
| D1156    | MA3043MTX           | DIODE                   |         |
| D1157    | MA3043MTX           | DIODE                   |         |
| D1162    | MA152KTX            | DIODE                   |         |
| D1163    | MA152KTX            | DIODE                   |         |
| D1170    | MA152KTX            | DIODE                   |         |
| D2830    | MA4047M             | DIODE                   |         |
| D2831    | MA152KTX            | DIODE                   |         |
| D2832    | MA152KTX            | DIODE                   |         |
| D2833    | MA152KTX            | DIODE                   |         |
| D3550    | MA3082MTX           | DIODE                   |         |
| D3580    | MA152KTX            | DIODE                   |         |
| D4801    | MA3056MTX           | DIODE                   |         |
| D5501    | MA3062MTX           | ZENER DIODE             |         |
| D5502    | MA3110LTX           | ZENER DIODE             |         |
|          | INTEGRATED CIRCUITS |                         |         |
| IC351    | TDA6103Q-N3         | LINEAR IC               |         |
| IC451    | TDA8177             | IC                      |         |
| IC601    | C1AB00001715        | IC                      |         |
| IC602    | AN78L05             | LINEAR IC               |         |
| IC731    | NJM2904M            | LINEAR IC               |         |
| IC760    | TEA2031A            | IC                      |         |
| IC801    | C5HABZZ00107        | IC, POWER SUPPLY        | △       |
| IC860    | C0EAS0000026        | IC                      |         |
| IC880    | PQ12RD1B            | LINEAR IC               |         |
| IC881    | C0DAFKE00001        | IC, POWER SUPPLY        | △       |
| IC1051   | B3RAC0000005        | REMOTE CONTROL          |         |
| IC1101   | MN101C46FTM3        | IC                      |         |
| IC1102   | TVR4GAS194          | EEPROM IC               |         |
| IC2101   | MSP3410GAB83        | IC                      |         |
| IC2801   | TDA2616/N1          | IC                      |         |
| IC3001   | C1AB00001794        | IC                      |         |
| IC3002   | C1AB00001162        | IC                      |         |
| IC3003   | TDA8601T/C1         | IC                      |         |
| IC3101   | MM1501XNRE          | IC                      |         |
| IC3501   | C2BAHC000002        | IC                      |         |
| IC3502   | TC7MBD3245KL        | IC                      |         |
| IC3503   | TVR4GAS179          | EEPROM IC               |         |
| IC3504   | PQ1R33              | LINEAR IC               |         |
| IC3505   | SI-3025KS-TL        | IC                      |         |
| IC3506   | PST9128NR           | IC, LOGIC               |         |
| IC3507   | TC4066BFN           | IC                      |         |
| IC4801   | PUB4301             | TRANSISTOR ARRAY        |         |
| IC4802   | AN6564NS            | LINEAR IC               |         |
| IC4805   | TC4066BFN           | IC                      |         |
| IC4861   | AN6562              | LINEAR IC               |         |
| IC5501   | MM1501XNRE          | IC                      |         |
| IC5550   | MN82362             | IC                      |         |
|          | TRANSISTORS         |                         |         |
| Q5521    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5522    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5531    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5540    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5541    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5570    | 2SB709ATX           | TRANSISTOR              |         |
| Q5580    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5581    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5582    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5583    | 2SD0601A0L          | TRANSISTOR              |         |
| Q5584    | 2SD0601A0L          | TRANSISTOR              |         |

| Ref. No. | Part No.     | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| Q5585    | 2SB709ATX    | TRANSISTOR              |         |
|          | OTHERS       |                         |         |
| A8       | K1KB08A00054 | 8P CONNECTOR            |         |
| A9       | K1KB09A00027 | CONNECTOR               |         |
| A11      | K1YB40000003 | CONNECTOR               |         |
| A14      | TJS118590    | 2P CONNECTOR            |         |
| A19      | TJS118590    | 2P CONNECTOR            |         |
| A20      | TJS4G8020    | 16P CONNECTOR           |         |
| A22      | TJS4G8020    | 16P CONNECTOR           |         |
| A23      | TJS3A9650    | 4P CONNECTOR            |         |
| A36      | TJS118590    | 2P CONNECTOR            |         |
| A37      | TJS118590    | 2P CONNECTOR            |         |
| A41      | TJS3A9680    | 7P CONNECTOR            |         |
| A44      | TJS4G8090    | 20P CONNECTOR           |         |
| A50      | TJSF29207    | CONNECTOR               |         |
| F801     | XBA2C40TR0   | FUSE 250V 4A            | △       |
| GM1      | TJS3A9890    | 9P CONNECTOR            |         |
| H1       | TJS3A9890    | 9P CONNECTOR            |         |
| H11      | K1YB40000002 | CONNECTOR               |         |
| H14      | K1KA02B00044 | 2P CONNECTOR            |         |
| H19      | TJS118590    | 2P CONNECTOR            |         |
| JA1      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA2      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA3      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA4      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA5      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA6      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA7      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA8      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA9      | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA10     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA11     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA12     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA13     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA14     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA15     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA16     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA17     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA18     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA19     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA20     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA21     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA22     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA24     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA25     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA30     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA32     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA33     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA35     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA36     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA37     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA38     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA40     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA41     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| JA45     | ERJ6GEY0R00  | M 00HM, J, 1/10W        |         |
| S1181    | EVQ11G05R    | SWITCH                  |         |
| S1182    | EVQ11G05R    | SWITCH                  |         |
| S1183    | EVQ11G05R    | SWITCH                  |         |
| S1184    | EVQ11G05R    | SWITCH                  |         |
| S1185    | EVQ11G05R    | SWITCH                  |         |
| T8       | TJS3A9140    | CONNECTOR               |         |
| T12      | TJS3A9650    | 4P CONNECTOR            |         |
| TNR101   | J3AAAAZ00001 | TUNER                   | △       |
| X20      | TJS4G8010    | 16P CONNECTOR           |         |
| X22      | TJS4G8010    | 16P CONNECTOR           |         |
| X23      | TJS3A9680    | 7P CONNECTOR            |         |
| X101     | K7256M       | SAW FILTER              | △       |
| X102     | K9351M       | SAW FILTER              | △       |
| X180     | EFCS4R5MW5   | CERAMIC FILTER          |         |
| X601     | H0D443400038 | CRYSTAL OSC             |         |
| X1160    | EF0EC1205B4  | CERAMIC RESONATOR       |         |
| X2150    | TSSA128      | CRYSTAL OSC             |         |
| X3501    | H0H600400001 | CRYSTAL OSC             |         |
| YC44     | TJS4G8080    | 20P CONNECTOR           |         |