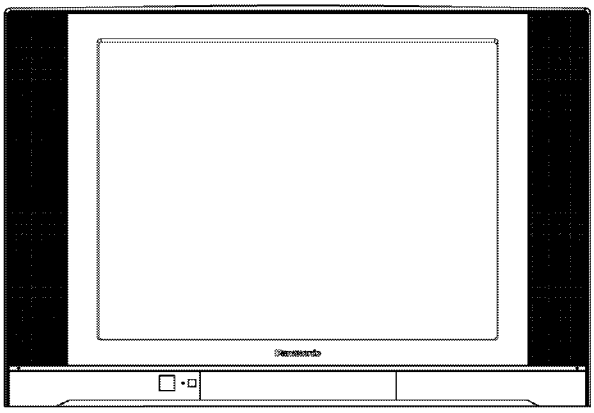
ORDER NO. MTV0207179C3

# Service Manual

## Colour Television



# TX-51PS72Z

MX-5ZA Chassis

## Specifications

| | |
|---|---|
| **Power Source :** | AC AUTO 110-240V, 50/60 Hz |
| **Power Consumption :** | 99W |
| **Aerial Impedance :** | 75Ω unbalanced |
| | Coaxial type |
| **Receiving System :** | 17 Systems |
| **Receiving Channels :** | |
| VHF | 1-11 PAL B (Australia & N.Zealand) |
| | 1-12 PAL/SECAM D |
| | 1-12 NTSC M JAPAN |
| | 2-12 PAL/SECAM B, G |
| | 2-13 NTSC M U.S.A. |
| UHF | 21-69 PAL G I/SECAM B, G, K1 |
| | 28-69 PAL G (Australia) |
| | 13-56 PAL D |
| | 13-52 NTSC M JAPAN |
| | 14-69 NTSC NTSC M U.S.A. |
| CATV | S1-S41 (Hyper) |
| **Intermediate Frequency :** | |
| Video | 38.0 MHz |
| Sound | 31.5 MHz (D, K, K1) |
| | 32 MHz (I) |
| | 32.5 MHz (B, G) |
| | 33.5 MHz (M) |
| Colour | 33.57 MHz (PAL) |
| | 33.6 MHz (SECAM) |
| | 33.75 MHz (SECAM) |
| | 34.42 MHz (NTSC) |
| **Video / Audio Terminals :** | |
| RAV In | Video In 1 Vp-p 75Ω |
| | Audio In Approx. 400mVrms |
| Monitor Out | Video Out 1 Vp-p 75Ω |
| | Audio Out Approx. 400mVrms |
| **High Voltage :** | 27.5kV ±1.0 |
| | at zero beam current |
| **Picture Tube :** | A51LXR195X |
| | 51cm (21 inches) |
| | Measured diagonally, |
| | 90° deflection |
| **Audio Output :** | 16.0W |
| **Dimensions :** | Height : 464.0 mm |
| | Width : 682.0 mm |
| | Depth : 484.0 mm |
| **Mass :** | 24.0 kg (Net Wt.) |

Specifications are subject to change without notice.
Mass and dimensions shown are approximate.

Panasonic®

## ⚠ 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.

# CONTENTS

# 1 Safety Precautions

## 1.1. General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing this hot chassis.
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, see to it that all the protective devices such as insulation barriers, insulation papers, shields and isolation 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 cord outlet.
5. Potential, as high as **26.5kV** is present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from 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.
2. Turn on the receiver's power switch.
   Measure the resistance value, with an ohmmeter, between the jumper AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, 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 infinite.

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

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Check a 2 kΩ non-inductive resistor and an AC/DC current meter, in series with each exposed metallic part on the receiver in turn and an earth such as a water pipe.

   The current from any point should not exceed 0.7 mA peak AC or 2 mA DC. In the case of a measurement being outside of these limits specified, there is a possibility of a shock hazard and the receiver should be repaired and rechecked before it is returned to the customer.

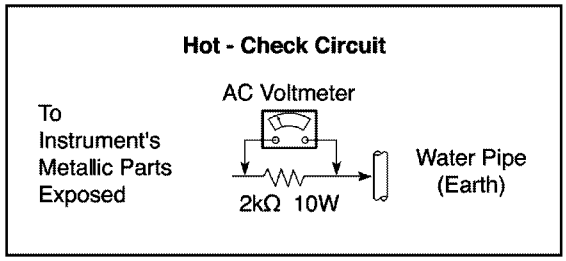



Fig. 1

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## 1.4. X-Radiation

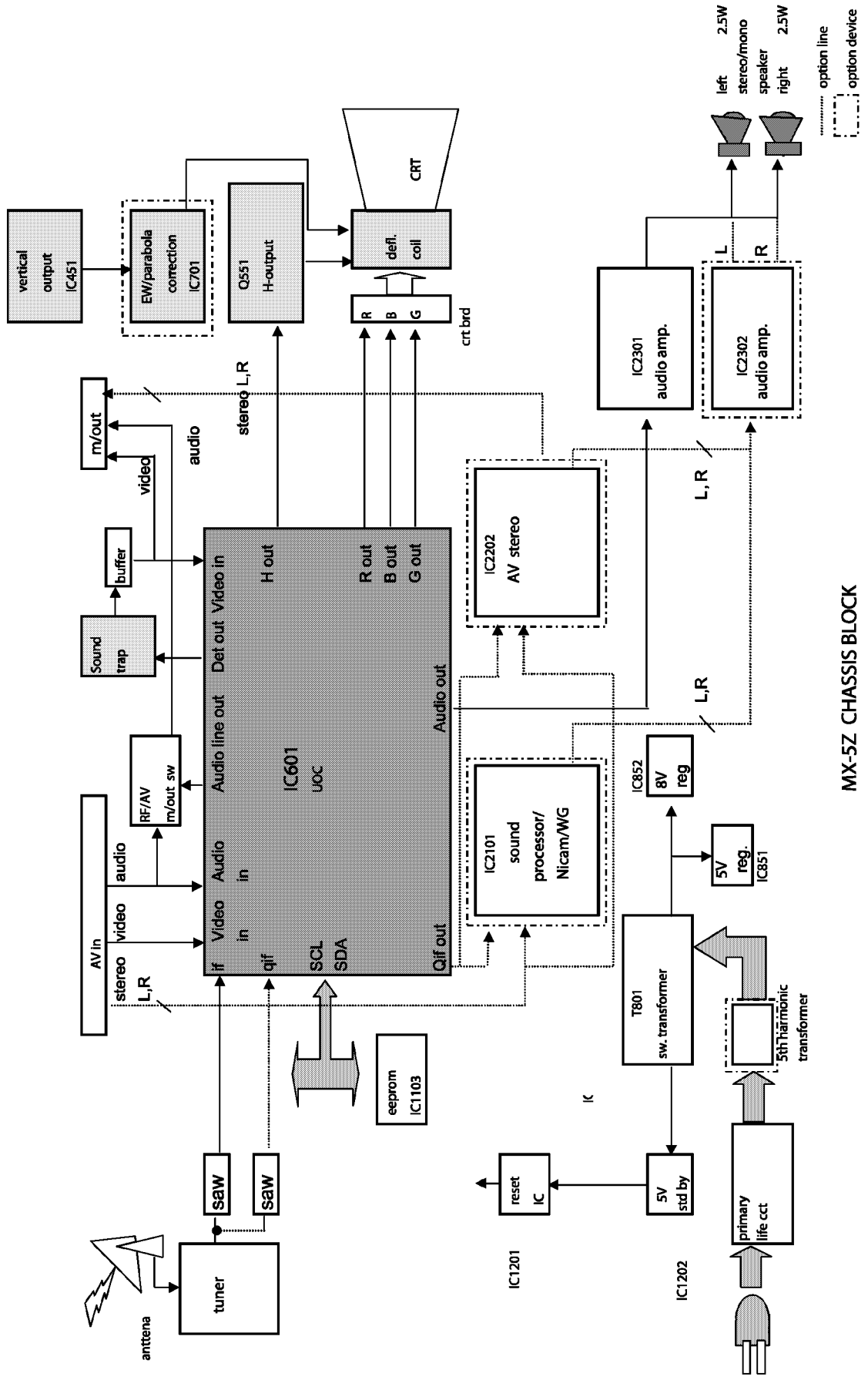
**Warning:**

The potential sources of X-Radiation in TV set are the EHT section and the picture tube. When using a picture tube test jig for service, ensure that jig is capable of handling **28.5kV** without causing X-Radiation.

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

1. Set the brightness to minimum.
2. Use the remocon to get into Service Mode.
3. Measure the EHT. The meter reading should indicate **27.5±1.0kV**. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
4. To prevent the possibility X-Radiation, it is essential to use the specified picture tube, if service replacement becomes necessary.

# 1.5. MX-5ZA Chassis Block Diagram



# 2 Service Hints

## 2.1. Service Position for E-Board

1. Remove the back cover.
2. Stand the TV set as shown in Fig. 2.
3. Remove the A-Board from the TV set by pulling the main board out as shown in Figure 2.

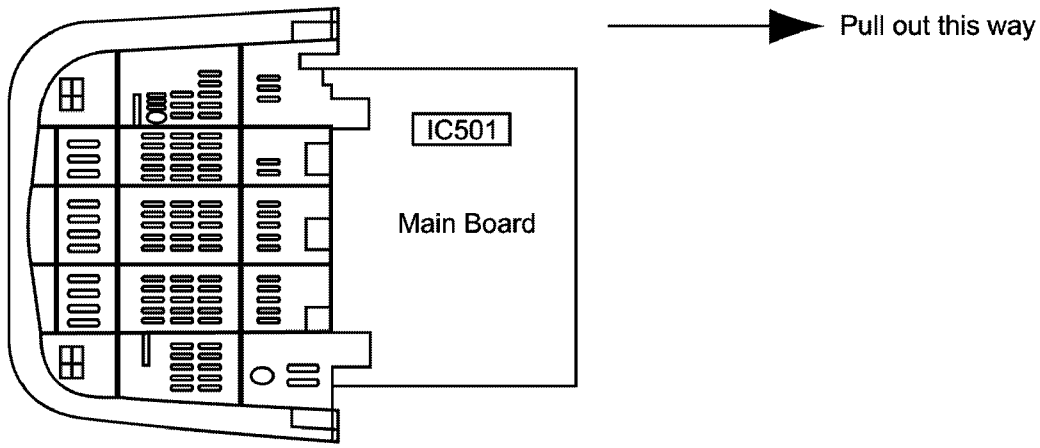



Fig. 2

## 2.2. Factory Mode Adjustment

How to set :

To set the Factory mode, press Volume 0 dac on the TV and Timer Setting 30 min. on the remote control and press Volume (-) Down button on the TV together press recall on the remote control.
CHK should appear on right of TV screen.
To move from CHK1 to CHK2 mode, etc. please follow below rotation :

To Set Self-Check :

Press the Volume Down button on TV then press the Off Timer button on remote control.

CHK1 -----➤ CHK2 -----➤ CHK3 -----➤ CHK4 -----➤ CHK1

<-----"1" <-----"1" <-----"1" <-----"1"

## 2.3. Adjustment for White Balance

Preparation:

1. Receive the white balance pattern and aging should have been performed over 30 minutes.
2. Set the picture menu to DYNAMIC NORMAL.
3. Degausse the CRT face.
4. Fix the CRT colour analyzer receiver unit to CRT face.

**Adjustment of Low Light.**

1. Adjustment Sub Bright, so that Y = 6.3 ± 1.0 nit.
2. Adjustment R-CUT OFF, so that X = 0.235 ± 0.010 nit.
3. Adjustment G-CUT OFF, so that Y = 0.235 ± 0.010 nit.

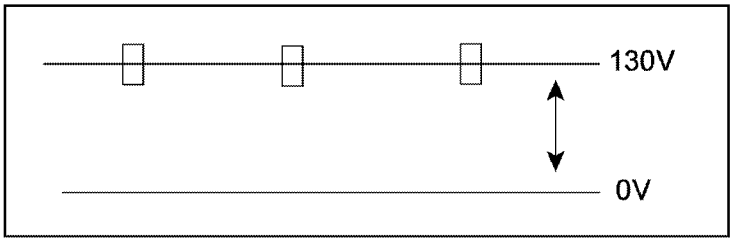
**Adjustment of High Light**

1. Adjustment Sub Bright, so that Y = 270 nit.
2. Adjustment R-Drive, so that X = 0.265 ± 0.010 nit.
3. Adjustment B-Drive, so that Y = 0.265 ± 0.010 nit.

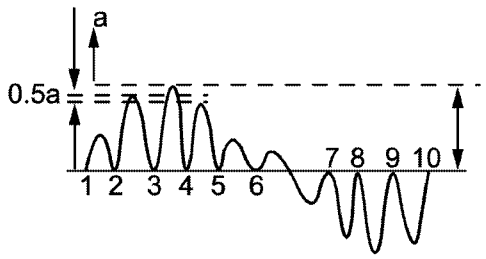
## 2.4. Adjustment for CRT CUT OFF

Preparation:

1. Connect the oscilloscope probe to TPL7.
2. Screen VR min.
3. Set the data Sub Bright, Bright.
4. In service Mode at “Bright” dac press [5] in factory mode to enter vertical line and adjust by volume down or up button.
5. Adjust “Screen VR” until 1-H Line appears.



## 2.5. Adjustment Procedure

| Item / Preparation | Adjustment Procedure |
|---|---|
| **+B Voltage**<br>1. Operate the TV set.<br>2. Set control as follows :<br>Brightness ..... minimum<br>Contrast ..... minimum | Confirm the DC voltage at the indicated test points, as follows :<br>TPA 12 : 140.5 ± 1.5V<br>TPA 11 : 8 ± 1V<br>TPA 10 : 5 ± 1V<br>TPA 21 : 215 ± 15V |
| **RF AGC**<br>1. Receive a colour bar signal at an RF level of 69 +1-2 dBU with 75Ω loaded.<br>2. Connect digital multimeter to RF AGC at Tuner. | 1. Select "RF AGC" indication in CHK2, on Screen by remote control at factory mode.<br>2. Set RF AGC by using remote control Volume (+) or Volume (-) button until voltage AGC at Tuner reaches 2.6 ± 0.1V at TPA 15 (Tuner point).<br>3. Increase RF signal strength by 2dB, confirm AGC at Tuner voltage drop. |
| **High Voltage**<br>1. Receive the crosshatch pattern.<br>2. Set to 0 Beam.<br>Screen VR ..... minimum<br>Contrast ..... minimum | 1. Connect a DC voltage meter to TPA 12 and confirm the +B voltage is 140.5 ± 1.5V.<br>2. Connect a high frequency voltmeter to heater and confirm that voltage reads 6.3 ± 0.24 (VRMS).<br>3. Normalize the brightness and contrast. |
| **Item / Preparation** | **Adjustment Procedure** |
| **NTSC TINT COLOUR**<br>Connect a short jumper between TPA 10 and TPA 20.<br>Press Main Menu and set system to use AV-NTSC (3.58 MHz).<br>DYNAMIC ..... Normal<br>Channel CLR Set ..... STD | 1. Adjust Sub-Tint so that No. 2, 3 and 4 becomes level waveform is similar to Fig. 3.<br>2. Confirm phase at Tint is changes more than ± 30 by Tint control.<br>3. Confirm that colour level is maximum when colour DAC is adjusted to maximum position.<br>**Note:** Use remote control only when adjusting user mode to Sub-Tint.<br>  <br><br>Fig. 3 |

## 2.6. PAL Colour

1. Receive the PAL B/G studio colour bar pattern and adjust local frequency at the best tuned position.
2. Pic Menu: Dynamic Normal, Confirm Contrast - 63, Sub Contrast - 21.
3. Channel colour set --------- STD
4. "CHK2" and press digit key "5" (AKB OFF) also confirm OSD become blue colour.
5. Connect TPA 10 to TPA 20.
6. Set (A) to 2.3 ± 0.2V by BRT (CHK2) at measurement point TPL 2 Fig. 4.

## 2.7. Adjustment

1. Connect oscilloscope probe to TPL 2 (G OUT) with 10kΩ series resistor and adjust Contrast so that (B) as in Fig. 4 is 2.4 ± 0.1V.
2. Adjust "Sub Colour" so that waveform as in Fig. 4 (1) 2.5 ± 0.1V.
3. Connect oscilloscope probe to TPL 1 (R OUT) with 10kΩ series resistor and confirm waveform as in Fig. 5 is (2) 2.7 ± 0.4V.
4. Take out jumper TPA 10 and TPA 20.
5. Press digit key "5" (AKB ON) and confirm the OSD become white colour.

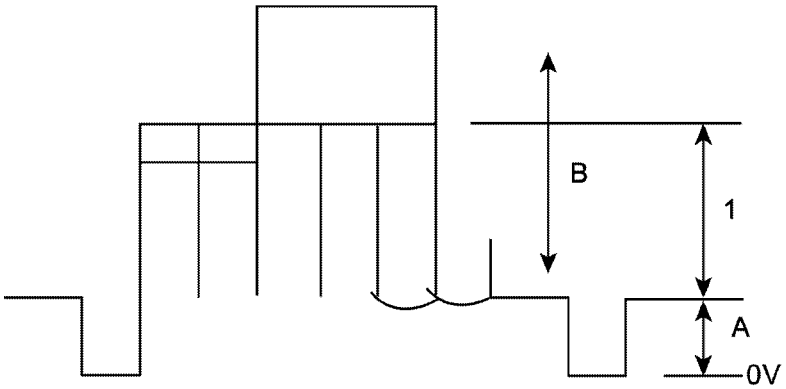



Fig. 4

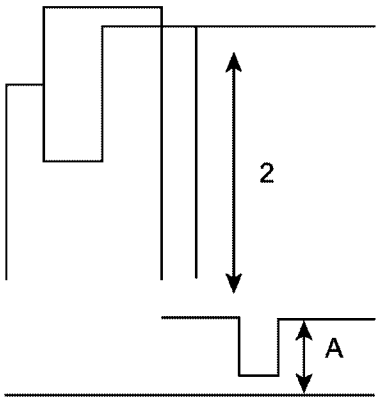



Fig. 5

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

**Colour Purity**

1. Set the Brightness and Contrast controls to their maximum positions.
2. Operate the TV set for 60 minutes.
3. Fully degausse the picture tube by using an external degaussing coil.
4. Apply a crosshatch pattern signal and adjust the static convergence magnets to the approximately correct position.
5. Receive a black and white signal.
6. Set the control as follows:
   Red.....minimum
   Green.....minimum
   Blue.....minimum
   Press the Shipping button on the remote control twice to select CRT Adjustment Mode to select low light.
7. Loosen the clamp screw for the Deflection Yoke A in Fig. 10 and move the Deflection Yoke as close to the purity magnet as possible.
8. Adjust the purity magnetic rings so that a vertical green field is obtained at the centre of the screen.

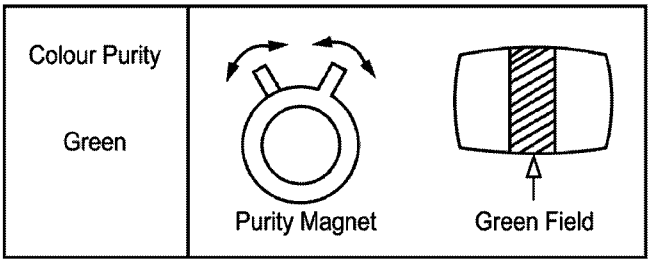



Fig. 6

9. Slowly push the Deflection Yoke and set it where a uniform green field is obtained.

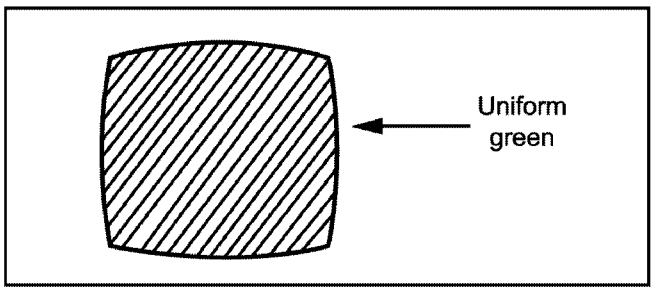



Fig. 21

10. Re-adjust the Low Light controls to their correct settings and make sure that a uniform white field is obtained.
11. Tighten the clamp screw A in Fig. 10.

**Convergence**

1. Apply a crosshatch pattern signal and Normalize Contrast control to the maximum positions.
2. Adjust Brightness until the grey position of the crosshatch pattern just becomes black.
3. Adjust the Red and Blue line at the centre of the screen by rotating the R-B static.

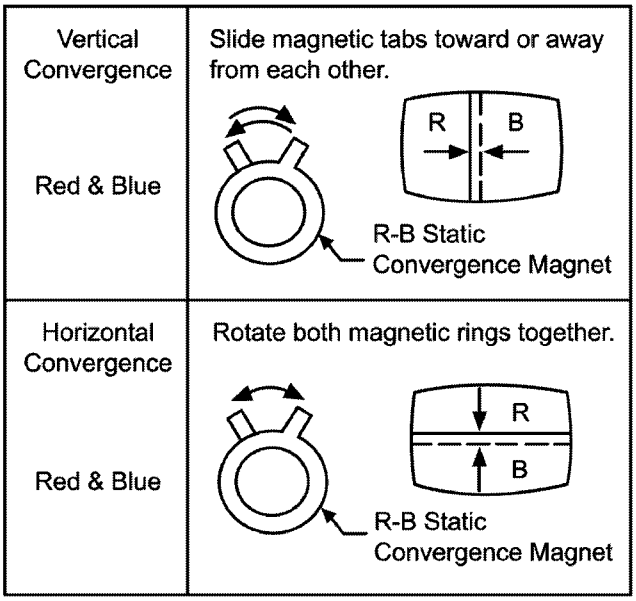



Fig. 8

4. Adjust Red and Blue with Green line at centre of the screen by rotating (RB)-G static convergence magnetic rings.
5. Lock convergence magnets with silicone sealer.
6. Remove the DY wedges and slightly tilt the Deflection Yoke vertically and horizontally to obtain the good overall convergence.

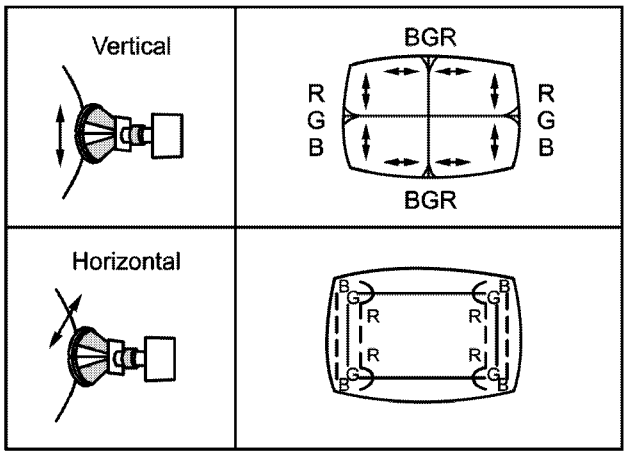



Fig. 9

7. Fix the Deflection Yoke by reinserting the DY wedges. Refer to Fig. 10.
8. If purity error is found, repeat “Colour Purity” adjustment.

## Adjustment of CRT VRS

### 1. Preparation

a. Set DY to CRT not to tilt up and down left and right deflection.
b. Set CY to CRT and set CY magnet primarily (Fig. 1)
Purity magnet : Set purity magnet that 2 magnets are (TOP POSITION)
VRS magnet : Set purity magnet 2 magnets are (HORIZONTAL POSITION)

### 2. Adjustment

a. Receive that Cross Hatch pattern.
b. Adjust V-SHIFT -50Hz.
c. Set 2 magnets of horizontal position to up and down equally so that it will be the center part of CRT. (Fig. 2)

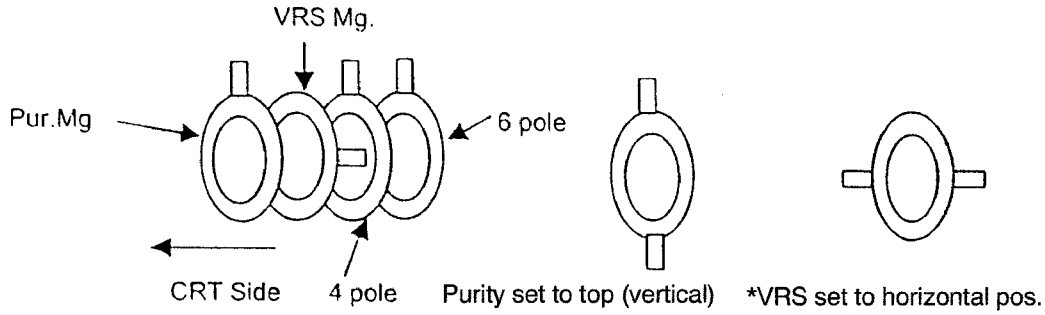
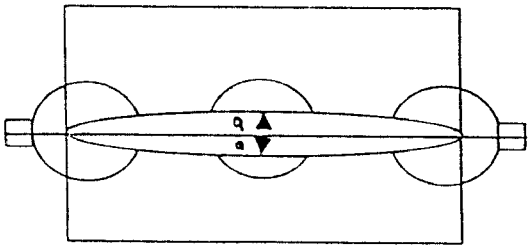



FIG 1.




a ≤ 0 ± 1mm

FIG 2.

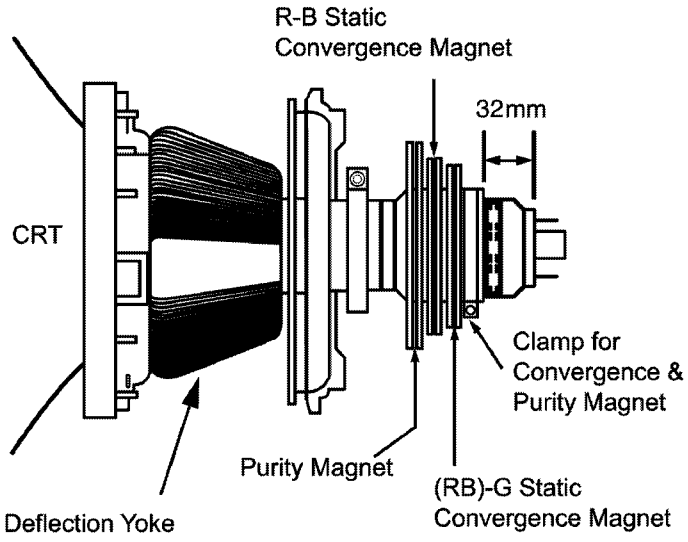



Fig. 10

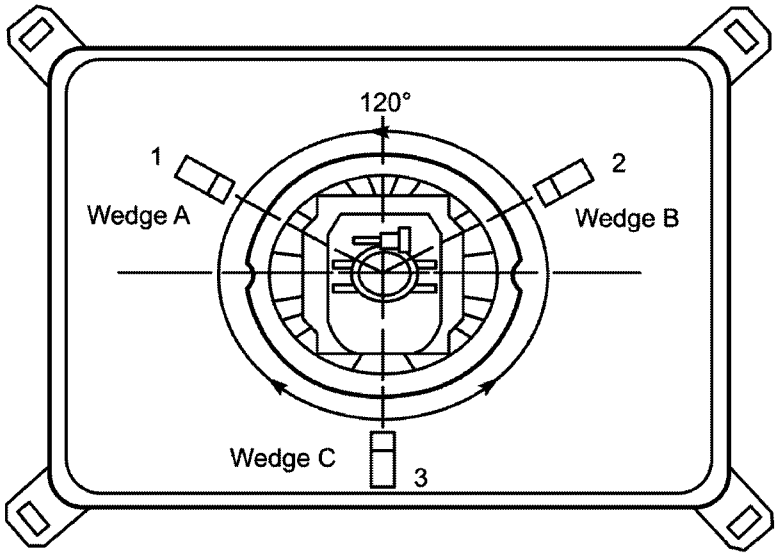
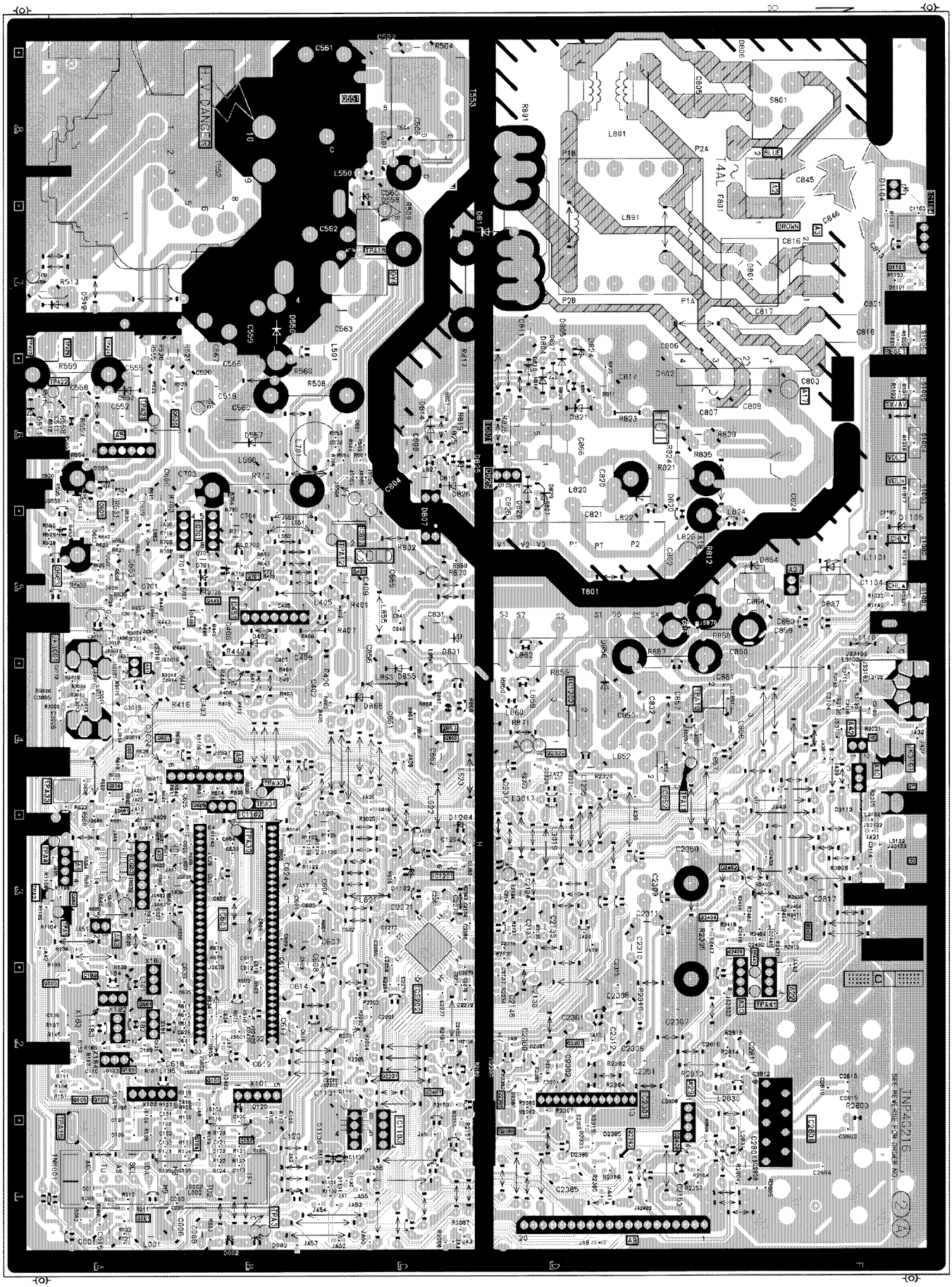



Fig. 11

**Notes:**

1. Wedge A, B and C should be inserted following the sequence of 1, 2 and 3 shown in Fig. 11.
2. The wedges should be set 120° apart from each other.
3. Be certain that three 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.

# 3 Conductor Views (TNP4G216AE)



# 4 Schematic Diagram

**Important Safety Notice**

Components identified by ⚠ 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 resistors unless marked as follows :
   Unit of resistance is OHM ( Ω ) (K = 1 000 M = 1 000 000)

| | | | |
|---|---|---|---|
| ○ | Nonflammable | ⊠ | Metal Oxide |
| △ | Solid | ◎ | Metal Film |
| ⊠ | Wire Wound | ⊗ | Fuse |

2. Capacitor
   All capacitors are ceramic 50V capacitors unless marked as follows :
   Unit of capacitance is μF unless otherwise noted.

| | | | |
|---|---|---|---|
| ⊗ | Temperature Compensation | + - | Electrolytic |
| Ⓜ | Polyester | NP | Bipolar |
| ⓜ | Metalized Polyester | Ⓣ | Dipped Tantalum |
| ⊠ | Polypropylene | Ⓩ | Z-Type |

3. Coil
   Unit of inductance is μH, unless otherwise noted.

4. Test Point
   ⏚ : Test Point position

5. Earth Symbol
   ⏚ : Chassis Earth (Cold)  ⏚ : Line Earth (Hot)

6. Voltage Measurement
   Voltage is measured using DC voltmeter.
   Conditions of the measurement are the following :
   Power Source..... AC AUTO 110-240V, 50/60Hz
   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 ( ) is found, connection is easily found from the direction of arrow.

9. → : Indicates the major signal flow.

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

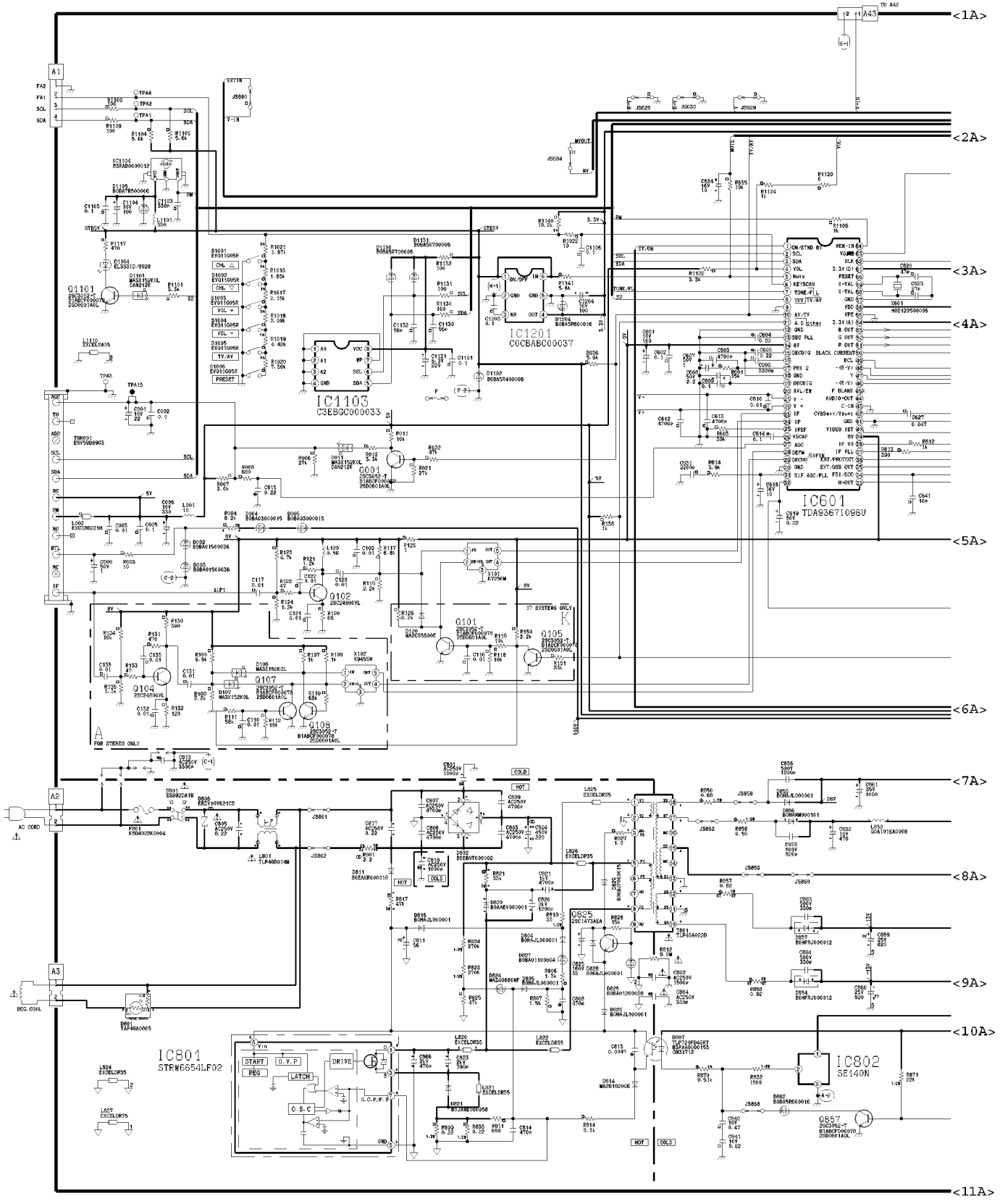
## Remarks :

The Power Circuit contains a circuit area which uses a seperate 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 :

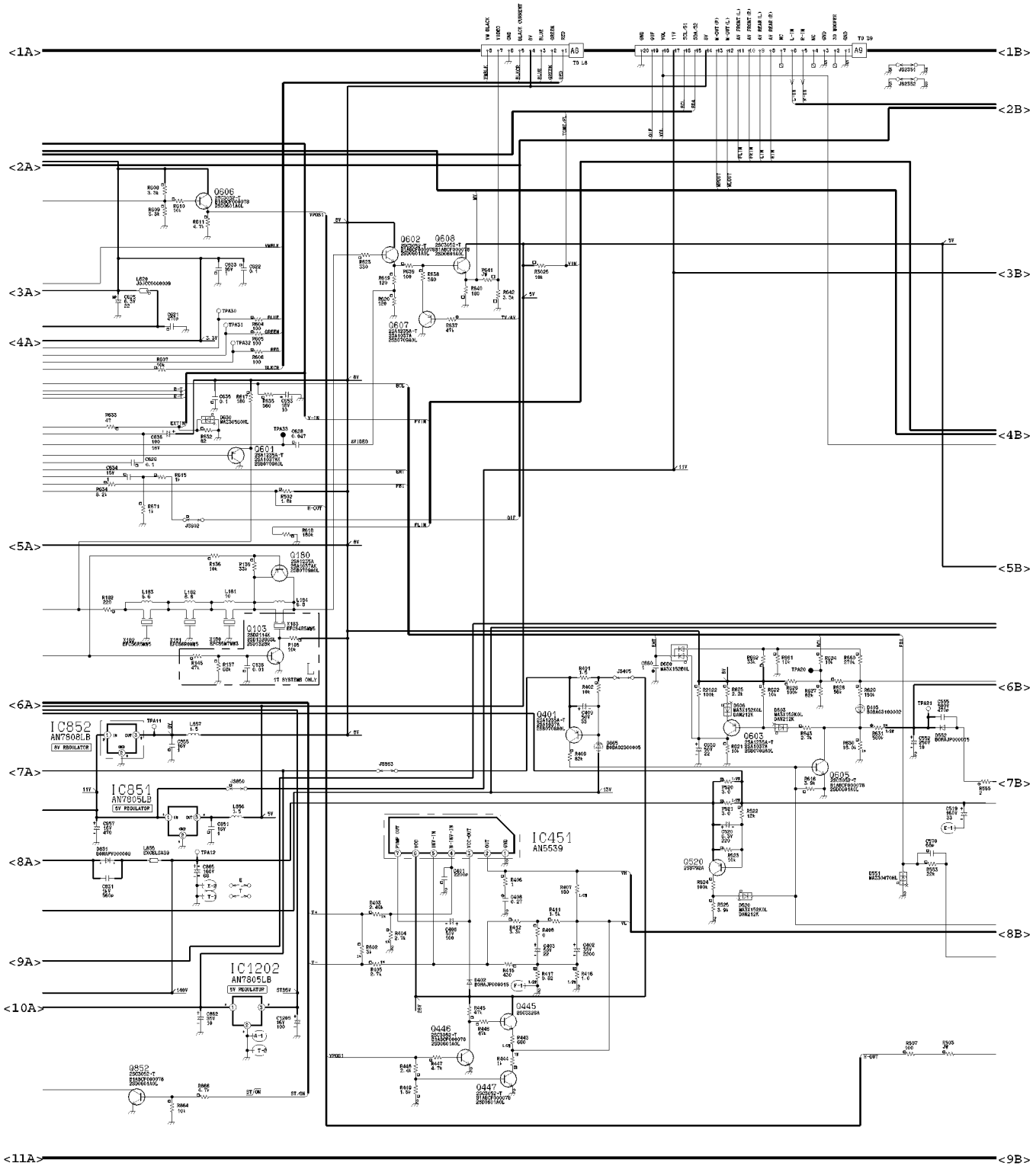
a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.
c. Do not connect an instrument such as an oscilloscope to the hot and cold circuits simultaneously or a fuse may be blown.
   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.

# 4.1. A BOARD

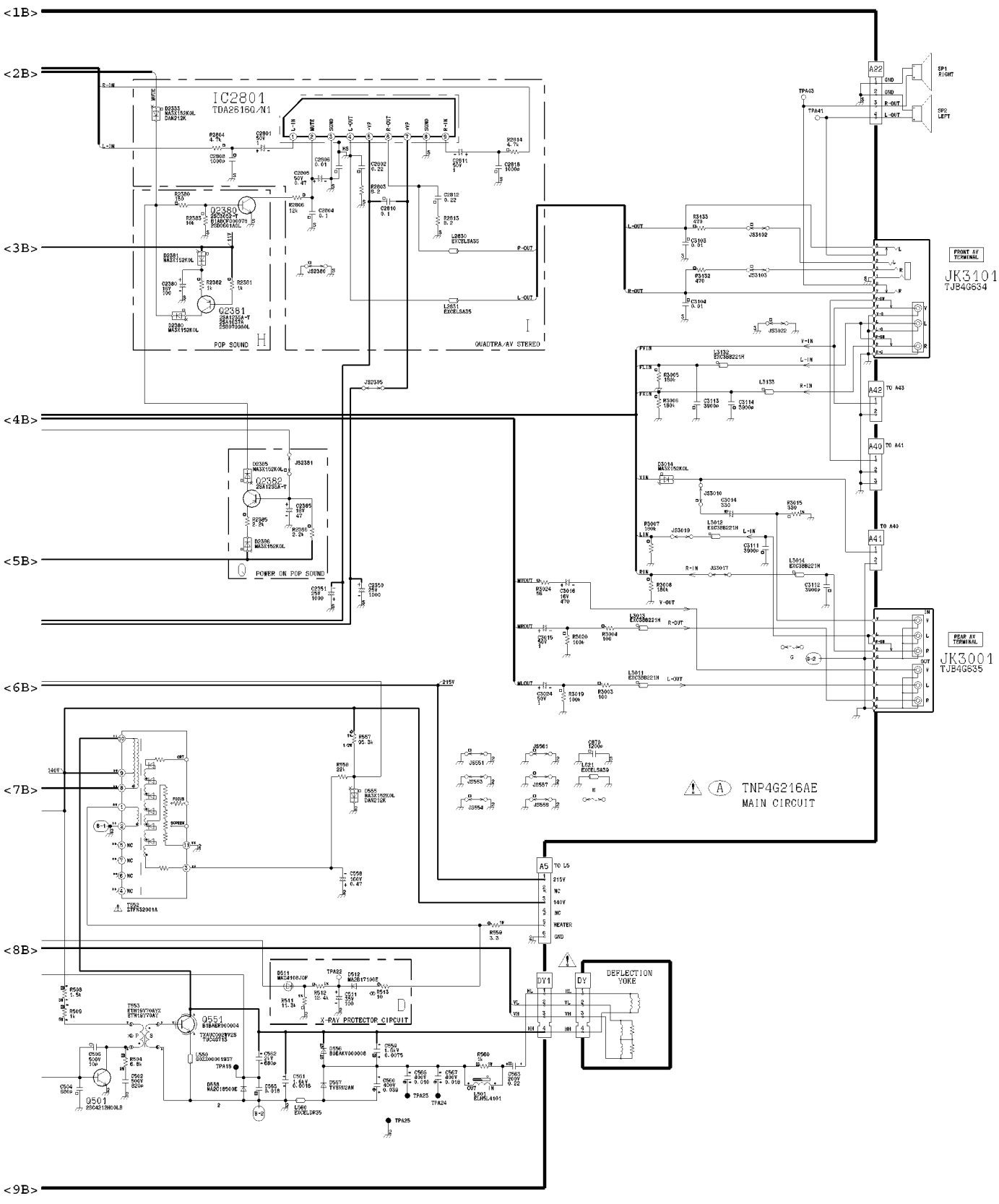
## 4.1.1. A BOARD (1/3)



## 4.1.2. A BOARD (2/3)

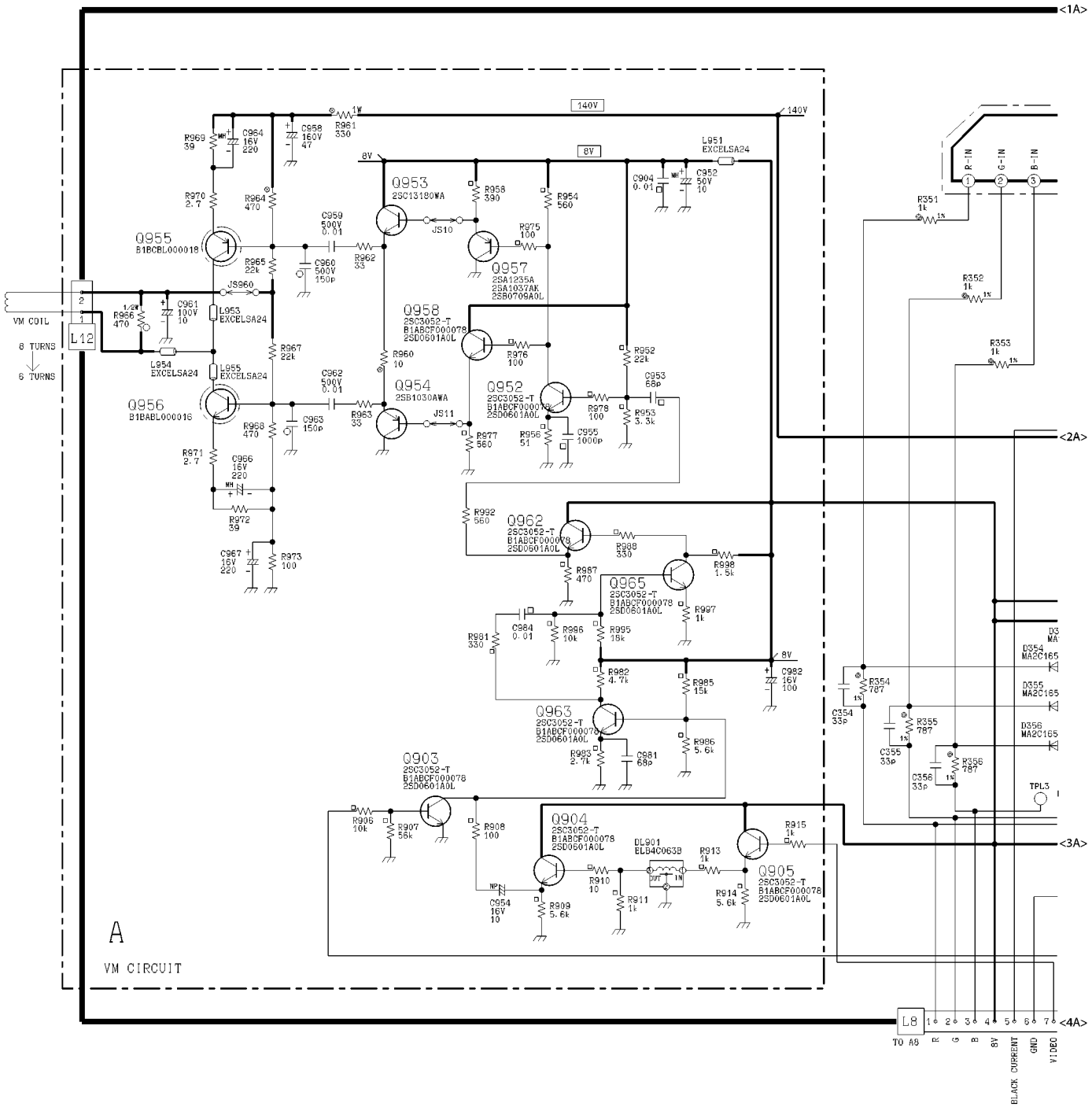


## 4.1.3. A BOARD (3/3)

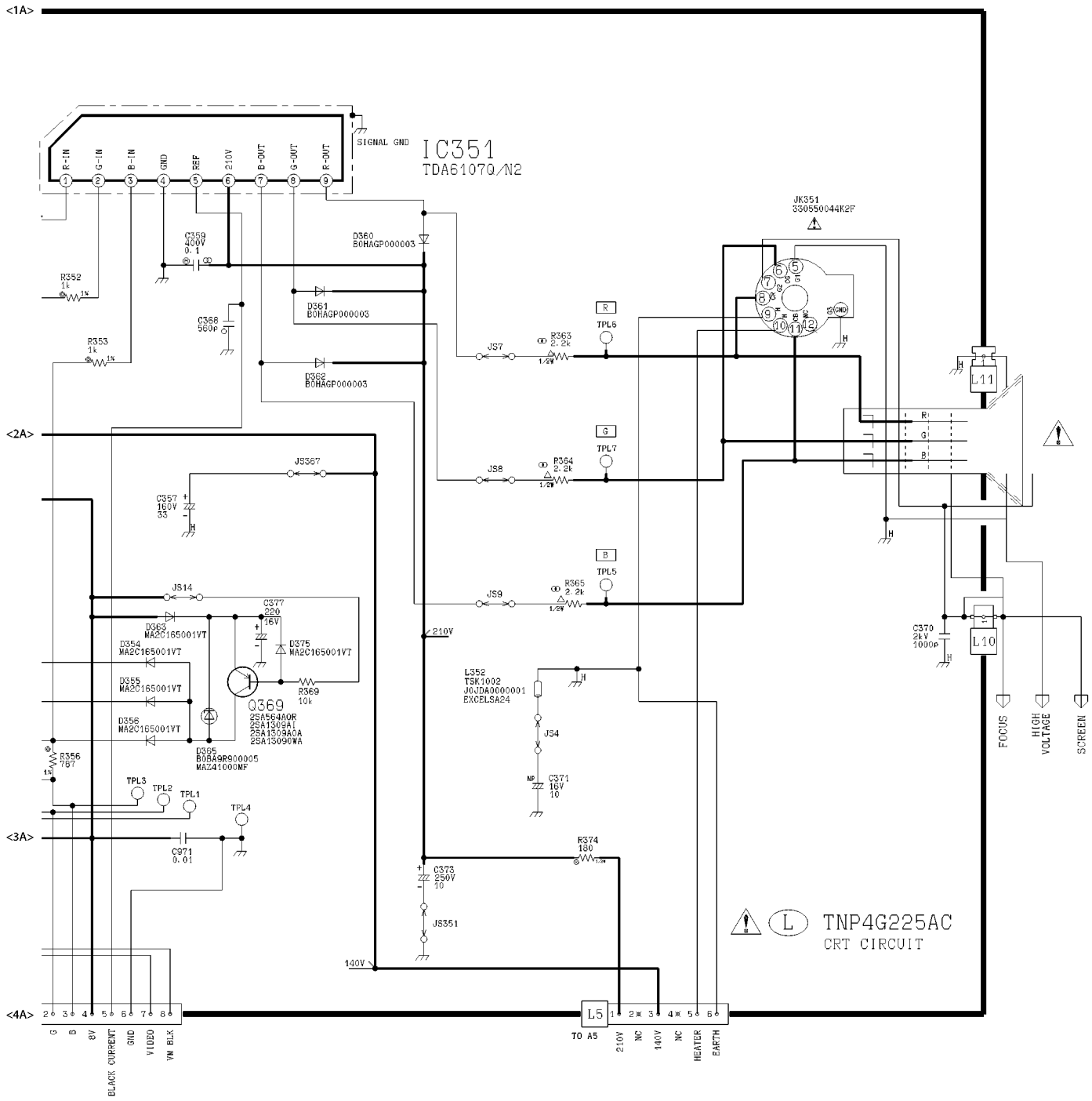


# 4.2. L BOARD

## 4.2.1. L BOARD (1/2)

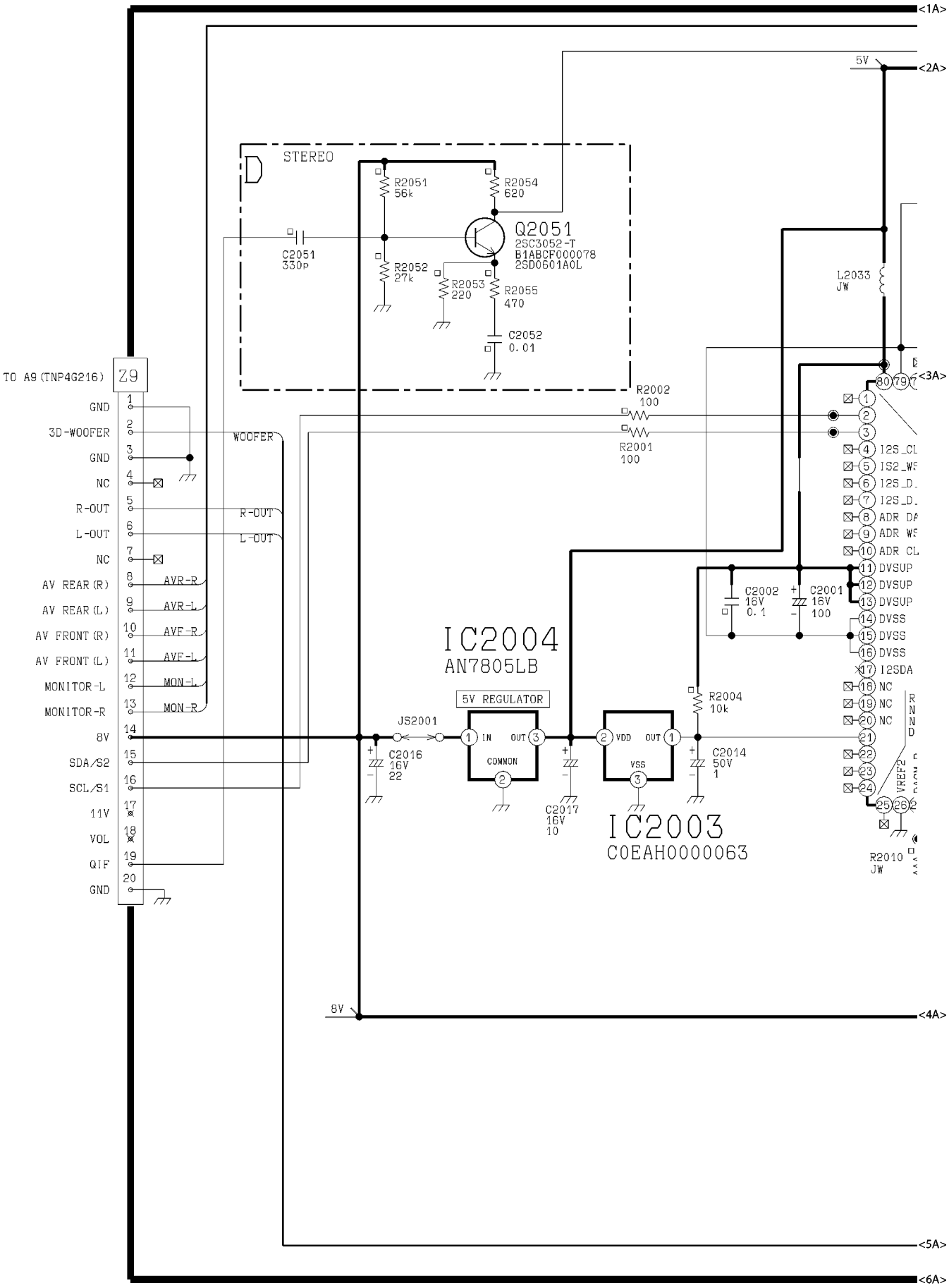


## 4.2.2. L BOARD (2/2)

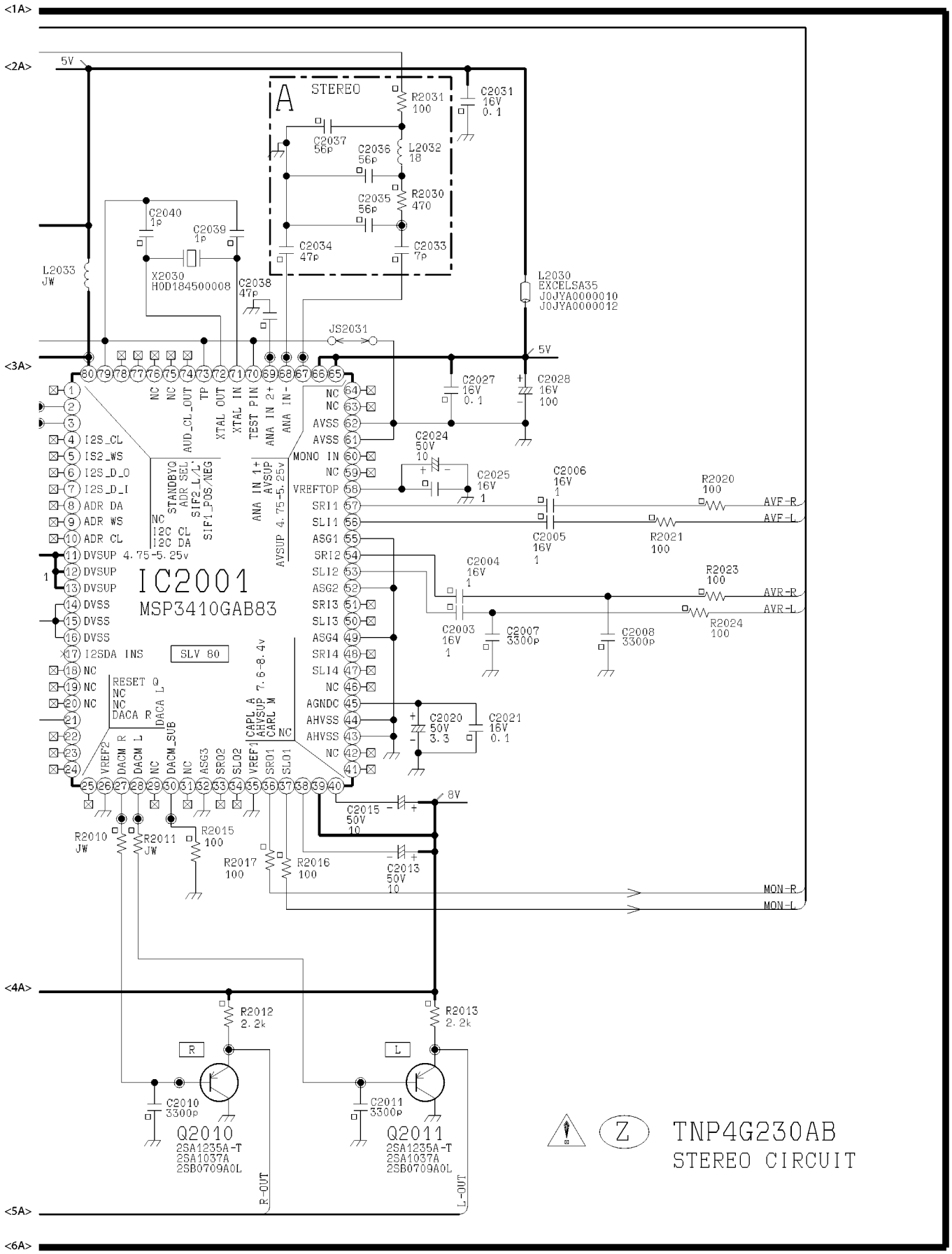


# 4.3. Z BOARD

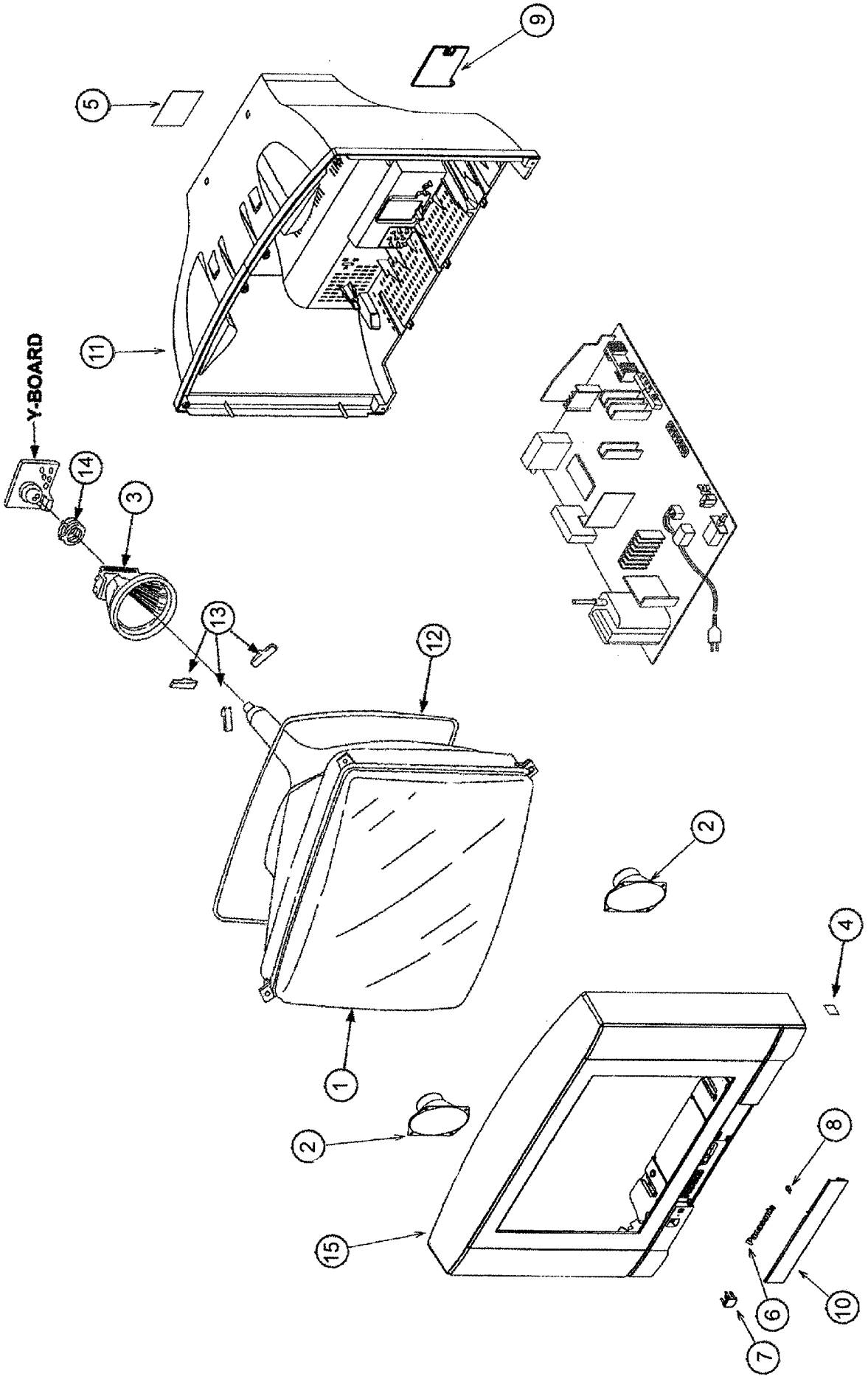
## 4.3.1. Z BOARD (1/2)



## 4.3.2. Z BOARD (2/2)



# 5 Part Location



# 6 Replacement Parts List

**Important Safety Notice**

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

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** 100KΩ, **J**, 1/4W
Type Allowance

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

**2. Capacitor**

Example :

ECKF1H103ZF **C** 0.01μF, **Z**, 50V
Type Allowance

| Type | Allowance |
|---|---|
| C : Carbon | C : ± 0.25pF |
| E : Electrolytic | D : ± 0.5pF |
| P : Polyester<br>Polypropylene | F : ± 1pF<br>G : ± 3% |
| T : Tantalum | J : ± 5% |
| | K : ± 10% |
| | L : ± 15% |
| | M : ± 20% |
| | P : ± 100%, -0% |
| | Z : ± 80%, -20% |

# 6.1. Replacement Parts List

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| 1 | A51LXR195X | PICTURE TUBE | ⚠ |
| 2 | EASG12D562A2 | SPEAKER | |
| | EUR646929 | REMOTE CONTROL | |
| 3 | G0F500000010 | DEFLECTION YOKE | ⚠ |
| 4 | TBL4G3404 | SET LEG | |
| 5 | TBM4G0845 | MODEL NAME PLATE | ⚠ |
| 6 | TBM4G3011 | PANASONIC BADGE | |
| 7 | TBX4G88201 | POWER BUTTON | |
| 8 | TEK6935 | DOOR SWITCH | |
| | TES4G206 | COIL SPRING | |
| | THT4G1005R | CRT SCREW | |
| | THT4G1010R | SCREW (SPEAKER) | |
| | THT4G1013R | SCREW | |
| 9 | TKP4G11744 | AC CORD BRACKET | |
| 10 | TKP4G12642 | DOOR | |
| 11 | TKU4G9800-3 | BACK COVER | |
| 12 | TLK4G9037S | DEGAUSSING COIL | ⚠ |
| 13 | TMM4G503 | RUBBER WEDGE | |
| NLA | TNP4G216AE | A BOARD | ⚠ |
| NLA | TNP4G225AC | L BOARD | ⚠ |
| NLA | TNP4G230AB | Z BOARD | ⚠ |
| 14 | TP-13000PX2 | CONVERGENCE YOKE | |
| | TPC4G47402 | CARTON | |
| | TPD4G2083 | CUSHION (BOTTOM) | |
| | TPE4G14003 | LAMI BAG | |
| | TPE4G14025 | SET COVER | |
| | TQB4G3220 | FAN BAG | |
| | TSM10032-3 | MAGNET | |
| | TSN63115-4 | PURITY MAGNET | |
| | TSX4G113F1 | AC POWER CORD | |
| 15 | TXFKY01WU3N | CABINET ASSY | |
| | TXFPD01WU2S | CUSHION (TOP) | |
| | RESISTORS | | |
| R003 | ERJ6GEYJ100 | M 10OHM,J,1/10W | |
| R004 | ERG3FJ822H | M 8.2KOHM,J, 3W | |
| R006 | ERJ6GEYJ273 | M 27KOHM,J,1/10W | |
| R007 | ERJ6GEYJ302 | M 3KOHM,J,1/10W | |
| R008 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |
| R011 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R012 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R021 | ERJ6GEYJ273 | M 27KOHM,J,1/10W | |
| R022 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R106 | ERJ6GEYJ682 | M 6.8KOHM,J,1/10W | |
| R107 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R108 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R109 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R110 | ERJ6GEYJ683 | M 68KOHM,J,1/10W | |
| R111 | ERJ6GEYJ563 | M 56KOHM,J,1/10W | |
| R112 | ERJ6GEYJ183 | M 18KOHM,J,1/10W | |
| R116 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R117 | ERJ6GEYJ682 | M 6.8KOHM,J,1/10W | |
| R118 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R119 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R120 | ERJ6GEYJ680 | M 68OHM,J,1/10W | |
| R121 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |
| R122 | ERJ6GEYJ470 | M 47OHM,J,1/10W | |
| R123 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R124 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |
| R125 | ERJ6GEYJ1R0 | M 1OHM,J,1/10W | |
| R126 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R130 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R131 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R557 | ER050CKF9532 | M95.3KOHM,F, 1/2W | |
| R558 | ERDS2TJ223 | C 22KOHM,J, 1/4W | |
| R559 | ERQ1CJP3R3S | F 3.3OHM,J, 1W | |
| R560 | ERG1SJ102E | M 1KOHM,J, 1W | |
| R601 | ERJ6GEYJ153 | M 15KOHM,J,1/10W | |
| R602 | ERJ6ENF3001 | M 3KOHM, 1/10W | |
| R603 | ERJ6GEYJ393 | M 39KOHM,J,1/10W | |
| R604 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R605 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R606 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R607 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R608 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R609 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R610 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R611 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R612 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R613 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R614 | ERJ6GEYJ392 | M 3.9KOHM,J,1/10W | |
| R615 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R616 | ERJ6GEYJ392 | M 3.9KOHM,J,1/10W | |
| R617 | ERJ6GEYJ181 | M 180OHM,J,1/10W | |
| R618 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R619 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R620 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R621 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R622 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R623 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R624 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R625 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R626 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R627 | ERJ6GEYJ823 | M 82KOHM,J,1/10W | |
| R628 | ERJ6GEYJ563 | M 56KOHM,J,1/10W | |
| R629 | ERJ6GEYJ154 | M 150KOHM,J,1/10W | |
| R630 | ERJ6ENF1802 | M 18KOHM, 1/10W | |
| R631 | ER050CKF5603 | M 560KOHM,F, 1/2W | |
| R632 | ERJ6GEYJ820 | M 82OHM,J,1/10W | |
| R633 | ERJ6GEYJ470 | M 47OHM,J,1/10W | |
| R634 | ERJ6GEYJ822 | M 8.2KOHM,J,1/10W | |
| R635 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R636 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R637 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R638 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R639 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R640 | ERJ6GEYJ181 | M 180OHM,J,1/10W | |
| R641 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R642 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R643 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R655 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R660 | ERJ6GEYJ274 | M 270KOHM,J,1/10W | |
| R661 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R662 | ERJ6GEYJ333 | M 33KOHM,J,1/10W | |
| R671 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R801 | ERF5ZK2R2 | W 2.2OHM,K, 5W | ⚠ |
| R806 | ERJ6GEYJ132 | M 1.3KOHM,J,1/10W | |
| R807 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R809 | ERX12SJR22E | M 0.22OHM,J, 1/2W | |
| R811 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |
| R812 | ERD75TAJ825 | C 8.2MOHM,J, 3/4W | |
| R814 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R817 | ERG3FJ473H | M 47KOHM,J, 3W | |
| R819 | ERDS1TJ330 | C 33OHM,J, 1/2W | |
| R821 | ERG3FJ333H | M 33KOHM,J, 3W | |
| R823 | ERDS1TJ274 | C 270KOHM,J, 1/2W | |
| R1021 | ERJ6ENF1871 | M1.87KOHM, 1/10W | |
| R1022 | ERJ6GEYJ100 | M 10OHM,J,1/10W | |
| R1101 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1104 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R1105 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R1106 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1108 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1109 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1117 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R1120 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R1122 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1124 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1130 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1131 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1132 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1140 | ERJ6ENF1002 | M 10KOHM, 1/10W | |
| R1141 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R2001 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2002 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2004 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R2010 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| R2011 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R2012 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R2013 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R2015 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2016 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2017 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2020 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2021 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2022 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R2023 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2024 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2030 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R2031 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2051 | ERJ6GEYJ563 | M 56KOHM,J,1/10W | |
| R2052 | ERJ6GEYJ273 | M 27KOHM,J,1/10W | |
| R2053 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R2054 | ERJ6GEYJ621 | M 620OHM,J,1/10W | |
| R2055 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R2380 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R2381 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R2382 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R2383 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R2385 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R2386 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R2803 | ERDS2TJ8R2 | C 8.2OHM,J, 1/4W | |
| R2804 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R2806 | ERJ6GEYJ123 | M 12KOHM,J,1/10W | |
| R2813 | ERDS2TJ8R2 | C 8.2OHM,J, 1/4W | |
| R2814 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R3003 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3004 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3005 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3006 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3007 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3008 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3015 | ERJ6ENF3300 | M 330OHM, 1/10W | |
| R3019 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R3020 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R3024 | ERJ6GEYJ560 | M 56OHM,J,1/10W | |
| R3025 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R3132 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R3133 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| C612 | ECJ2VB1H472K | C 4700PF, K, 50V | |
| C613 | ECJ2VB1H472K | C 4700PF, K, 50V | |
| C614 | ECQV1H104JL | P 0.1UF, J, 50V | |
| C615 | ECQV1H224JL | P 0.22UF, J, 50V | |
| C618 | ECEA1CKA100 | E 10UF, 16V | |
| C619 | ECEA1HKAR22 | E 0.22UF, 50V | |
| C620 | ECJ2VC1H470J | C 47PF, J, 50V | |
| C621 | ECJ2VB1H471K | C 470PF, K, 50V | |
| C622 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C623 | ECJ2VC1H270J | C 27PF, J, 50V | |
| C624 | ECEA1CKA100 | E 10UF, 16V | |
| C625 | ECEA0JKN220 | E 22UF, 6.3V | |
| C627 | ECJ2YB1H473K | C 0.047UF, K, 50V | |
| C628 | ECJ2YB1H473K | C 0.047UF, K, 50V | |
| C629 | ECUX1H104KBX | C 0.1UF, K, 50V | |
| C631 | ECJ2VB1H222K | C 2200PF, K, 50V | |
| C633 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C634 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C635 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C636 | ECEA1CKA101 | E 100UF, 16V | |
| C639 | ECA1HM220B | E 22UF, 50V | |
| C641 | ECJ2VC1H100C | C 10PF, C, 50V | |
| C653 | ECEA1CKA100 | E 10UF, 16V | |
| C660 | ECQV1H105JM | P 1UF, J, 50V | |
| C801 | ECKCNA102MB7 | C 1000PF, M, | ⚠ |
| C802 | ECKCNA152ME7 | C 1500PF, M, | ⚠ |
| C803 | ECKWAE472ZE | C 4700PF, Z, | |
| C804 | ECKCNA331MB7 | C 330PF, M, | |
| C805 | ECQU2A224BN9 | P 0.22UF, 250V | |
| C806 | ECKWAE472ZE | C 4700PF, Z, | |
| C807 | ECKWAE472ZE | C 4700PF, Z, | |
| C808 | ECQB1H471JF | P 470PF, J, 50V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| C809 | ECKWAE472ZE | C 4700PF, Z, | |
| C811 | EEUFC1H560B | E 56UF, 50V | |
| C813 | ECKCNA332MEB | C 3300PF, M, | |
| C814 | ECKR1H471KB5 | C 470PF, K, 50V | |
| C815 | ECQB1H472JF | P 4700PF, J, 50V | |
| C817 | ECQU2A224BN9 | P 0.22UF, 250V | |
| C818 | ECKCNA102MB7 | C 1000PF, M, | |
| C820 | ECKW3D122KBP | C 1200PF, K, 2KV | |
| C821 | ECKD3A472KBP | C 4700PF, K, 1KV | |
| C823 | ECKW3D391JBP | C 390PF, J, 2KV | |
| C824 | F2B2G2210013 | E 220UF, 400V | |
| C825 | ECA2CM330B | E 33UF, 160V | |
| C831 | ECKR3A561KBP | C 560PF, K, 1KV | |
| C832 | F2A1C471A116 | E 470UF, 16V | |
| C840 | ECJ2YB1C474K | C 0.47UF, K, 16V | |
| C841 | ECJ2YB1A824K | C 0.82UF, K, | |
| C851 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C853 | ECKR2H821KB5 | C 820PF, K,500V | |
| C855 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C856 | L6Y5P4B122K | C 1200PF, K,500V | |
| C857 | ECA1CM471B | E 470UF, 16V | |
| C859 | EEUFC1E821E | E 820UF, 25V | |
| C860 | EEUFC1E821E | E 820UF, 25V | |
| C861 | ECA1VM102B | E 1000UF, 35V | |
| C862 | ECEA1VKA100 | E 10UF, 35V | |
| C863 | ECKR2H331KB5 | C 330PF, K,500V | |
| C864 | ECKR2H331KB5 | C 330PF, K,500V | |
| C865 | F2A2C680A021 | E 68UF, 160V | |
| C866 | ECKW3D471JBP | C 470PF, J, 2KV | |
| C870 | ECJ2VB1H122K | C 1200PF, K, 50V | |
| C904 | ECJ2VB1H103J | C 0.01UF, 50V | |
| C2385 | ECA1CM470B | E 47UF, 16V | |
| C2801 | ECEA1HKA010 | E 1UF, 50V | |
| C2802 | ECJ2VF1H224Z | C 0.22UF, Z, 50V | |
| C2804 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C2805 | ECA1HMR47B | E 0.47UF, 50V | |
| C2808 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C2810 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C2811 | ECEA1HKA010 | E 1UF, 50V | |
| C2812 | ECJ2VF1H224Z | C 0.22UF, Z, 50V | |
| C2818 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C3014 | ECEA0JN331U | E 330UF, 6.3V | |
| C3015 | ECA1HM010B | E 1UF, 50V | |
| C3016 | ECA1CM471B | E 470UF, 16V | |
| C3024 | ECA1HM010B | E 1UF, 50V | |
| C3103 | ECJ2VB1H103J | C 0.01UF, 50V | |
| C3104 | ECJ2VB1H103J | C 0.01UF, 50V | |
| C3111 | ECJ2VB1H392K | C 3900PF, K, 50V | |
| C3112 | ECJ2VB1H392K | C 3900PF, K, 50V | |
| C3113 | ECJ2VB1H392K | C 3900PF, K, 50V | |
| C3114 | ECJ2VB1H392K | C 3900PF, K, 50V | |
| | COILS | | |
| DL901 | ELB4C063B | LC FILTER | |
| L10 | K1ZZ00001205 | CONNECTOR | |
| L001 | TLTACT100K | PEAKING COIL 10U | |
| L002 | EXC3BB221H | CHIP BEAD CORE | |
| L120 | TLTACTR56K | PEAKING COIL | |
| L181 | TLTACT100K | PEAKING COIL 10U | |
| L182 | TALV35VB6R8K | PEAKING COIL | |
| L183 | TALV35VB5R6K | PEAKING COIL | |
| L184 | TALV35VB6R8K | PEAKING COIL | |
| L352 | EXCELSA24T | BEAD CORE | |
| L501 | ELH5L4101 | LINEARITY COIL | |
| L550 | EXCELDR25V | CORE | |
| L560 | EXCELDR35V | CORE | |
| L620 | TSK1045 | BEAD CORE | |
| L621 | EXCELSA39V | BEAD CORE | |
| L801 | TLP4GD014P | LINE FILTER | ⚠ |
| L820 | EXCELDR35C | BEAD CORE | |
| L821 | EXCELDR35V | CORE | |
| L822 | EXCELDR35V | CORE | |
| L824 | EXCELDR35V | CORE | |
| L825 | EXCELDR35V | CORE | |
| L826 | EXCELDR35V | CORE | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| L827 | EXCELDR35V | CORE | |
| L852 | G0A101EA0008 | PEAKING COIL | |
| L855 | EXCELSA39V | BEAD CORE | |
| L856 | TLTACT1R5K | PEAKING COIL | |
| L857 | TLTACT1R5K | PEAKING COIL | |
| L951 | EXCELSA24T | BEAD CORE | |
| L953 | EXCELSA24T | BEAD CORE | |
| L954 | EXCELSA24T | BEAD CORE | |
| L955 | EXCELSA24T | BEAD CORE | |
| L1101 | TALV35VB331K | PEAKING COIL | |
| L1110 | EXCELSA35T | BEAD CORE | |
| L2030 | EXCELSA35T | BEAD CORE | |
| L2032 | TALV35VB180K | PEAKING COIL | |
| L2830 | EXCELSA35T | BEAD CORE | |
| L2831 | EXCELSA35T | BEAD CORE | |
| L3011 | EXC3BB221H | CHIP BEAD CORE | |
| L3012 | EXC3BB221H | CHIP BEAD CORE | |
| L3013 | EXC3BB221H | CHIP BEAD CORE | |
| L3014 | EXC3BB221H | CHIP BEAD CORE | |
| L3132 | EXC3BB221H | CHIP BEAD CORE | |
| D1102 | MTZJ5.6A | ZENER DIODE | |
| D1104 | LNH201RGRF5 | LED | |
| D1105 | MTZJ7.5C | ZENER DIODE | |
| D1130 | MTZJ5.6C | ZENER DIODE | |
| D1131 | MTZJ5.6C | ZENER DIODE | |
| D1204 | MTZJ5.6B | ZENER DIODE | |
| D2333 | MA152KTX | DIODE | |
| D2380 | MA152KTX | DIODE | |
| D2381 | MA152KTX | DIODE | |
| D2385 | MA152KTX | DIODE | |
| D2386 | MA152KTX | DIODE | |
| D3014 | MA152KTX | DIODE | |
| | INTEGRATED CIRCUITS | | |
| IC351 | TDA6107Q/N2 | LINEAR IC | |
| IC451 | AN5539 | IC | |
| IC601 | TDA9367I096U | IC | |
| IC801 | STRW6654LF02 | IC | ⚠ |
| IC802 | SE140N | LINEAR IC | |
| IC851 | AN7805 | LINEAR IC | |
| IC852 | AN7808 | LINEAR IC | |
| IC1103 | TVR4GAS158 | IC (EEPROM) | |
| IC1104 | B3RAD0000012 | REMOTE RECEIVER I | |
| IC1201 | PQ1R33 | LINEAR IC | |
| IC1202 | AN7805 | LINEAR IC | |
| IC2001 | MSP3410GAB83 | IC | |
| IC2003 | S-80741AL-Z | LINEAR IC | |
| IC2004 | AN7805 | LINEAR IC | |
| IC2801 | TDA2616Q/N1 | IC | |
| | TRANSISTORS | | |
| Q001 | 2SC2412KT | TRANSISTOR | |
| Q101 | 2SC2412KT | TRANSISTOR | |
| Q102 | 2SC2480TX | TRANSISTOR | |
| Q103 | 2SD2114KT | TRANSISTOR | |
| Q104 | 2SC2480TX | TRANSISTOR | |
| Q105 | 2SC2412KT | TRANSISTOR | |
| Q107 | 2SC2412KT | TRANSISTOR | |
| Q108 | 2SC2412KT | TRANSISTOR | |
| Q180 | 2SB709ATX | TRANSISTOR | |
| Q369 | 2SA564AQR | TRANSISTOR | |
| Q401 | 2SB709ATX | TRANSISTOR | |
| Q445 | 2SC3326ATX | TRANSISTOR | |
| Q446 | 2SC2412KT | TRANSISTOR | |
| Q447 | 2SC2412KT | TRANSISTOR | |
| Q501 | 2SC4212H | TRANSISTOR | |
| Q520 | 2SB792ATX | TRANSISTOR | |
| Q551 | 2SD2539 | TRANSISTOR | |
| Q601 | 2SB709ATX | TRANSISTOR | |
| Q602 | 2SC2412KT | TRANSISTOR | |
| Q603 | 2SB709ATX | TRANSISTOR | |
| Q605 | 2SC2412KT | TRANSISTOR | |
| Q606 | 2SC2412KT | TRANSISTOR | |
| Q607 | 2SB709ATX | TRANSISTOR | |
| Q608 | 2SC2412KT | TRANSISTOR | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| Q825 | 2SC1473A | TRANSISTOR | |
| Q852 | 2SC2412KT | TRANSISTOR | |
| Q857 | 2SC2412KT | TRANSISTOR | |
| Q903 | 2SC2412KT | TRANSISTOR | |
| Q904 | 2SC2412KT | TRANSISTOR | |
| Q905 | 2SC2412KT | TRANSISTOR | |
| Q952 | 2SC2412KT | TRANSISTOR | |
| Q953 | 2SC1318 | TRANSISTOR | |
| Q954 | 2SB1030A | TRANSISTOR | |
| Q955 | 2SB1569A | TRANSISTOR | |
| JK3001 | TJB4G635 | REAR AV TERMINAL | |
| JK3101 | TJB4G634 | FRONT AV TERMINAL | |
| JS551 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS554 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS557 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS558 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS561 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS602 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS628 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS629 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS630 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS680 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS684 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS850 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS2380 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS2381 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3010 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3022 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3102 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3103 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| L5 | TJS3A9670 | 6P CONNECTOR | |
| L8 | TJS3A9880 | 8P CONNECTOR | |
| L12 | TJS118590 | 2P CONNECTOR | |
| S801 | ESB92DA1B | SWITCH | ⚠ ; |
| S1001 | EVQ11G05R | SWITCH | |
| S1002 | EVQ11G05R | SWITCH | |
| S1003 | EVQ11G05R | SWITCH | |
| S1004 | EVQ11G05R | SWITCH | |
| S1005 | EVQ11G05R | SWITCH | |
| S1006 | EVQ11G05R | SWITCH | |
| TNR001 | ENV59D89G3 | TUNER | ⚠ |
| X101 | K7256M | SAW FILTER | |
| X102 | K9455M | SAW FILTER | |
| X180 | EFCS5M7MW3 | CERAMIC FILTER | |
| X181 | EFCS6R0MW5 | CERAMIC FILTER | |
| X182 | EFCS6R5MW5 | CERAMIC FILTER | |
| X183 | EFCS4R5MW5 | CERAMIC FILTER | |
| X601 | H0D120500006 | CRYSTAL OSCILLATOR | |
| X2030 | TSSA128 | CRYSTAL OSCILLATOR | |
| Z9 | TJS4G8080 | 20P CONNECTOR | |
| R132 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R133 | ERJ6GEYJ470 | M 47OHM,J,1/10W | |
| R134 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R135 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R136 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R137 | ERJ6GEYJ683 | M 68KOHM,J,1/10W | |
| R138 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R139 | ERJ6GEYJ333 | M 33KOHM,J,1/10W | |
| R145 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R150 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R151 | ERJ6GEYJ333 | M 33KOHM,J,1/10W | |
| R182 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R185 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R351 | ER0S2CKF1001 | M 1KOHM,F, 1/4W | |
| R352 | ER0S2CKF1001 | M 1KOHM,F, 1/4W | |
| R353 | ER0S2CKF1001 | M 1KOHM,F, 1/4W | |
| R354 | ER0S2CKF7870 | M 787OHM,F, 1/4W | |
| R355 | ER0S2CKF7870 | M 787OHM,F, 1/4W | |
| R356 | ER0S2CKF7870 | M 787OHM,F, 1/4W | |
| R363 | ERC12GK222 | S 2.2KOHM,K, 1/2W | |
| R364 | ERC12GK222 | S 2.2KOHM,K, 1/2W | |
| R365 | ERC12GK222 | S 2.2KOHM,K, 1/2W | |
| R369 | ERDS2TJ103 | C 10KOHM,J, 1/4W | |
| R374 | ERQ12AJ181P | F 180OHM,J, 1/2W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| R401 | ERDS2TJ1R5 | C 1.5OHM,J, 1/4W | |
| R402 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R403 | ERJ6ENF2491 | M2.49KOHM, 1/10W | |
| R404 | ERJ6ENF2701 | M 2.7KOHM, 1/10W | |
| R405 | ERJ6ENF2701 | M 2.7KOHM, 1/10W | |
| R406 | ERJ6GEYJ1R0 | M 1OHM,J,1/10W | |
| R407 | ERDS1TJ181 | C 180OHM,J, 1/2W | |
| R408 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R409 | ERJ6GEYJ823 | M 82KOHM,J,1/10W | |
| R411 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R412 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R415 | ERJ6GEYJ431 | M 430OHM,J,1/10W | |
| R416 | ERX12SJ1R0E | M 1OHM,J, 1/2W | |
| R417 | ERX12SJR82E | M 0.82OHM,J, 1/2W | |
| R443 | ERDS1TJ681 | C 680OHM,J, 1/2W | |
| R444 | ERG1SJ102E | M 1KOHM,J, 1W | |
| R445 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R446 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R447 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R448 | ERJ6GEYJ242 | M 2.4KOHM,J,1/10W | |
| R449 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R502 | ERJ6GEYJ182 | M 1.8KOHM,J,1/10W | |
| R503 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R504 | ERG2SJ682E | M 6.8KOHM,J, 2W | |
| R507 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R508 | ERG3FJ152H | M 1.5KOHM,J, 3W | |
| R509 | ERG3FJ102 | M 1KOHM,J, 3W | |
| R511 | ERJ6ENF1132 | M11.3KOHM, 1/10W | |
| R512 | ERJ6ENF1242 | M12.4KOHM, 1/10W | |
| R513 | ERQ14AJ100P | F 10OHM,J, 1/4W | |
| R520 | ERX12SJ3R0E | M 3OHM,J, 1/2W | |
| R521 | ERX12SJ3R0E | M 3OHM,J, 1/2W | |
| R522 | ERJ6GEYJ123 | M 12KOHM,J,1/10W | |
| R523 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R524 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R525 | ERJ6GEYJ392 | M 3.9KOHM,J,1/10W | |
| R553 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R555 | ERQ14AJ2R0E | F 2.0OHM,J, 1/4W | |
| R824 | ERDS1TJ274 | C 270KOHM,J, 1/2W | |
| R825 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R826 | ERDS2TJ153 | C 15KOHM,J, 1/4W | |
| R827 | ERJ6GEYJ1R0 | M 1OHM,J,1/10W | |
| R832 | ERDS1TJ152 | C 1.5KOHM,J, 1/2W | |
| R835 | ERX12SJR22E | M 0.22OHM,J, 1/2W | |
| R850 | ERQ12HKR68P | F 0.68OHM,K, 1/2W | |
| R856 | ERQ12HKR56P | F 0.56OHM,K, 1/2W | |
| R857 | ERQ2CJR82 | F 0.82OHM,J, 2W | |
| R858 | ERQ2CJR82 | F 0.82OHM,J, 2W | |
| R864 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R866 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R870 | ER0S2CHF5100 | M 510OHM,F, 1/4W | |
| R871 | ERDS1TJ223 | C 22KOHM,J, 1/2W | |
| R906 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R907 | ERJ6GEYJ563 | M 56KOHM,J,1/10W | |
| R908 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R909 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R910 | ERJ6GEYJ100 | M 10OHM,J,1/10W | |
| R911 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R913 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R914 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R915 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R952 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R953 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R954 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R956 | ERJ6GEYJ510 | M 51OHM,J,1/10W | |
| R958 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R960 | ERQ14AJ100E | F 10OHM,J, 1/4W | |
| R961 | ERQ1CJP331S | F 330OHM,J, 1W | |
| R962 | ERDS2TJ330 | C 33OHM,J, 1/4W | |
| R963 | ERDS2TJ330 | C 33OHM,J, 1/4W | |
| R964 | ERQ14AJ471E | F 470OHM,J, 1/4W | |
| R965 | ERDS2TJ223 | C 22KOHM,J, 1/4W | |
| R966 | ERDS1FVJ471T | C 470OHM,J, 1/2W | |
| R967 | ERDS2TJ223 | C 22KOHM,J, 1/4W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| R968 | ERDS2TJ471 | C 470OHM,J, 1/4W | |
| R969 | ERDS2TJ390 | C 39OHM,J, 1/4W | |
| R970 | ERDS2TJ2R7 | C 2.7OHM,J, 1/4W | |
| R971 | ERDS2TJ2R7 | C 2.7OHM,J, 1/4W | |
| R972 | ERDS2TJ390 | C 39OHM,J, 1/4W | |
| R973 | ERDS2TJ101 | C 100OHM,J, 1/4W | |
| R975 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R976 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R977 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R978 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R981 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R982 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R983 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R985 | ERJ6GEYJ153 | M 15KOHM,J,1/10W | |
| R986 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R987 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R988 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R992 | ERDS2TJ561 | C 560OHM,J, 1/4W | |
| R995 | ERJ6GEYJ183 | M 18KOHM,J,1/10W | |
| R996 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R997 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R998 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R1016 | ERJ6ENF1651 | M1.65KOHM, 1/10W | |
| R1017 | ERJ6ENF2151 | M2.15KOHM, 1/10W | |
| R1018 | ERJ6ENF3091 | M3.09KOHM, 1/10W | |
| R1019 | ERJ6ENF4421 | M4.42KOHM, 1/10W | |
| R1020 | ERJ6ENF7501 | M 7.5KOHM, 1/10W | |
| | CAPACITORS | | |
| C001 | ECEA1CKA220 | E 22UF, 16V | |
| C002 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C003 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C005 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C006 | ECA1AM331B | E 330UF, 10V | |
| C008 | ECEA1HKA010 | E 1UF, 50V | |
| C109 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C110 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C116 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C117 | ECJ2VB1H103J | C 0.01UF, 50V | |
| C120 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C121 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C122 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C131 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C132 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C133 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C135 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C136 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C354 | ECCF1H330JC | C 33PF, J, 50V | |
| C355 | ECCF1H330JC | C 33PF, J, 50V | |
| C356 | ECCF1H330JC | C 33PF, J, 50V | |
| C357 | ECA160V33UE | E 33UF, 160V | |
| C359 | ECQM4104KZ | P 0.1UF, K,400V | |
| C368 | ECCF1H561J | C 560PF, J, 50V | |
| C370 | ECKW3D102KBP | C 1000PF, K, 2KV | |
| C371 | ECEA1CN100U | E 10UF, 16V | |
| C373 | ECA2EM100B | E 10UF, 250V | |
| C377 | ECA1CM221B | E 220UF, 16V | |
| C401 | ECJ2VC1H222J | C 2200PF, J, 50V | |
| C402 | ECA1VM222E | E 2200UF, 35V | |
| C403 | ECA1HM220B | E 22UF, 50V | |
| C406 | ECA1HM101B | E 100UF, 50V | |
| C408 | ECQV1H274JL | P 0.27UF, J, 50V | |
| C409 | ECA1HM330B | E 33UF, 50V | |
| C502 | ECKR2H821KB5 | C 820PF, K,500V | |
| C504 | ECJ2VB1H681K | C 680PF, K, 50V | |
| C506 | L5SL4B100D | C 10PF, 500V | |
| C511 | ECA1VM101B | E 100UF, 35V | |
| C519 | ECA2CM330B | E 33UF, 160V | |
| C520 | ECA0JM221B | E 220UF, 6.3V | |
| C552 | ECA2EM100B | E 10UF, 250V | |
| C555 | ECKR2H471KB5 | C 470PF, K,500V | |
| C558 | ECA2CMR47B | E 0.47UF, 160V | |
| C559 | ECWH16752JVB | P 7500PF,J,1.6KV | |
| C560 | ECQM4393JZ | P 0.039UF, J,400V | |
| C561 | ECWH16162JVB | P 1600PF,J,1.6KV | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| C562 | ECKW3D681JBR | C 680PF, J, 2KV | |
| C563 | ECWF2224JSR | P 0.22UF, J,250V | |
| C565 | ECQP1H183JZ | P 0.018UF, J, 50V | |
| C566 | ECQM4103JZ | P 0.01UF, J,400V | |
| C567 | ECQM4183JZ | P 0.018UF, J,400V | |
| C570 | ECJ2VC1H680J | C 68PF, J, 50V | |
| C601 | ECEA1CKA101 | E 100UF, 16V | |
| C602 | ECUX1H104KBX | C 0.1UF, K, 50V | |
| C603 | ECJ2VB1H472K | C 4700PF, K, 50V | |
| C604 | ECQV1H224JL | P 0.22UF, J, 50V | |
| C605 | ECQV1H224JL | P 0.22UF, J, 50V | |
| C606 | ECJ2VB1H332K | C 3300PF, K, 50V | |
| C607 | ECEA1HKA010 | E 1UF, 50V | |
| C608 | ECEA1HKA2R2 | E 2.2UF, 50V | |
| C609 | ECUX1H104KBX | C 0.1UF, K, 50V | |
| C610 | ECJ2VB1H103J | C 0.01UF, 50V | |
| C952 | ECA1HMH100 | E 10UF, 50V | |
| C953 | ECJ2VC1H680J | C 68PF, J, 50V | |
| C954 | ECEA1CN100U | E 10UF, 16V | |
| C955 | ECJ2VB1H102K | C 1000PF, K, 50V | |
| C958 | ECA2CM470B | E 47UF, 160V | |
| C959 | L9Z5V4B103Z | C 0.01UF, Z,500V | |
| C960 | ECCR2H151J | C 150PF, J,500V | |
| C961 | ECA2AM100B | E 10UF, 100V | |
| C962 | L9Z5V4B103Z | C 0.01UF, Z,500V | |
| C963 | ECCF1H151J | C 150PF, J, 50V | |
| C964 | ECA1CMH221 | E 220UF, 16V | |
| C966 | ECA1CMH221 | E 220UF, 16V | |
| C967 | ECA1CM221B | E 220UF, 16V | |
| C971 | F1B1H103A013 | C 0.01UF, 50V | |
| C981 | F4SL4B680J | C 68PF, 50V | |
| C982 | ECA1CM101B | E 100UF, 16V | |
| C984 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C1101 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C1103 | ECJ2VC1H331J | C 330PF, J, 50V | |
| C1104 | ECEA1CKA101 | E 100UF, 16V | |
| C1105 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C1106 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C1130 | ECJ2VC1H560J | C 56PF, J, 50V | |
| C1131 | ECA0JM221B | E 220UF, 6.3V | |
| C1132 | ECJ2VC1H560J | C 56PF, J, 50V | |
| C1203 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C1204 | ECEA1CKA101 | E 100UF, 16V | |
| C1205 | ECA1CM101B | E 100UF, 16V | |
| C2001 | ECA1CM101B | E 100UF, 16V | |
| C2002 | ECJ1VF1C104Z | C 0.1UF, Z, 16V | |
| C2003 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C2004 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C2005 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C2006 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C2007 | ECJ2VB1H332K | C 3300PF, K, 50V | |
| C2008 | ECJ2VB1H332K | C 3300PF, K, 50V | |
| C2010 | ECJ1VB1H332K | C 3300PF, K, 50V | |
| C2011 | ECJ1VB1H332K | C 3300PF, K, 50V | |
| C2013 | ECA1HM100B | E 10UF, 50V | |
| C2014 | ECEA1HKA010 | E 1UF, 50V | |
| C2015 | ECA1HM100B | E 10UF, 50V | |
| C2016 | ECA1CM220B | E 220UF, 16V | |
| C2017 | ECA1CM100B | E 10UF, 16V | |
| C2020 | ECA1HM3R3B | E 3.3UF, 50V | |
| C2021 | ECJ1VF1C104Z | C 0.1UF, Z, 16V | |
| C2024 | ECA1HM100B | E 10UF, 50V | |
| C2025 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |
| C2027 | ECJ1VF1C104Z | C 0.1UF, Z, 16V | |
| C2028 | ECA1CM101B | E 100UF, 16V | |
| C2031 | ECJ1VF1C104Z | C 0.1UF, Z, 16V | |
| C2033 | ECJ1VC1H070D | C 7PF, D, 50V | |
| C2034 | ECJ1VC1H470J | C 47PF, J, 50V | |
| C2035 | ECJ1VC1H560J | C 56PF, J, 50V | |
| C2036 | ECJ1VC1H560J | C 56PF, J, 50V | |
| C2037 | ECJ1VC1H560J | C 56PF, J, 50V | |
| C2038 | ECJ1VC1H470J | C 47PF, J, 50V | |
| C2039 | ECJ1VC1H010C | C 1PF, C, 50V | |
| C2040 | ECJ1VC1H010C | C 1PF, C, 50V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| C2051 | ECJ2VC1H331J | C 330PF, J, 50V | |
| C2052 | ECJ2VB1H103K | C 0.01UF, K, 50V | |
| C2350 | ECA1EM102B | E 1000UF, 25V | |
| C2351 | ECA1EM102B | E 1000UF, 25V | |
| C2380 | ECA1CM101B | E 100UF, 16V | |
| L3133 | EXC3BB221H | CHIP BEAD CORE | |
| | TRANSFORMERS | | |
| T552 | ZTFN32001A | FLYBACK TRANS | ⚠ |
| T553 | ETH19Y70AY | H DRIVE TRANS | ⚠ |
| T801 | TLP4GA022D | SWITCHING TRANS | ⚠ |
| | DIODES | | |
| D002 | MTZJ16A | ZENER DIODE | |
| D003 | MTZJ16A | ZENER DIODE | |
| D004 | MTZJ30D | ZENER DIODE | |
| D005 | MTZJ30D | ZENER DIODE | |
| D011 | MA152KTX | DIODE | |
| D106 | MA152KTX | DIODE | |
| D107 | MA152KTX | DIODE | |
| D120 | MA858 | DIODE | |
| D354 | MA165 | DIODE | |
| D355 | MA165 | DIODE | |
| D356 | MA165 | DIODE | |
| D360 | ERA22-04 | DIODE | |
| D361 | ERA22-04 | DIODE | |
| D362 | ERA22-04 | DIODE | |
| D363 | MA165 | DIODE | |
| D365 | MTZJ10C | ZENER DIODE | |
| D375 | MA165 | DIODE | |
| D402 | B0HAJP000015 | DIODE | |
| D403 | MTZJ33B | ZENER DIODE | |
| D511 | MA4108J | DIODE | |
| D512 | MA171 | DIODE | |
| D520 | MA152KTX | DIODE | |
| D551 | MA3047HTX | DIODE | |
| D552 | B0HAJP000015 | DIODE | |
| D555 | MA152KTX | DIODE | |
| D556 | ERB06-15 | DIODE | |
| D557 | TVSRU2AM | DIODE | |
| D558 | MA185 | DIODE | |
| D603 | MA152KTX | DIODE | |
| D606 | MA152KTX | DIODE | |
| D630 | MAZ30560HL | DIODE | |
| D660 | MA3X152E0L | DIODE | |
| D801 | TAP4GA0005 | POSISTOR | ⚠ |
| D802 | D4SB80 | DIODE | |
| D804 | AG01Z | DIODE | |
| D805 | AG01Z | DIODE | |
| D806 | ERZV10V621CS | VARISTOR | ⚠ |
| D807 | TLP721FD4GR | PHOTO COUPLER | ⚠ |
| D811 | AM01A | DIODE | |
| D814 | MA182 | DIODE | |
| D816 | AG01Z | DIODE | |
| D820 | ERA22-10 | DIODE | |
| D821 | AK04 | DIODE | |
| D824 | MA4068M | DIODE | |
| D825 | B0BA01200008 | ZENER DIODE | |
| D826 | AG01Z | DIODE | |
| D827 | MTZJ12B | ZENER DIODE | |
| D828 | AG01Z | DIODE | |
| D829 | B0HAJP000015 | DIODE | |
| D831 | FMGG2CSLF665 | DIODE | |
| D837 | FMLG12S | DIODE | |
| D854 | FMLG12S | DIODE | |
| D855 | AG01Z | DIODE | |
| D856 | RN1ZLF-A1 | DIODE | |
| D862 | MTZJ5.6B | ZENER DIODE | |
| D865 | MTZJ24B | ZENER DIODE | |
| D1101 | MA152KTX | DIODE | |
| Q956 | 2SD2400A | TRANSISTOR | |
| Q957 | 2SB709ATX | TRANSISTOR | |
| Q958 | 2SC2412KT | TRANSISTOR | |
| Q962 | 2SC2412KT | TRANSISTOR | |
| Q963 | 2SC2412KT | TRANSISTOR | |
| Q965 | 2SC2412KT | TRANSISTOR | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|---|---|---|---|
| Q1101 | 2SC2412KT | TRANSISTOR | |
| Q2010 | 2SB709ATX | TRANSISTOR | |
| Q2011 | 2SB709ATX | TRANSISTOR | |
| Q2051 | 2SC2412KT | TRANSISTOR | |
| Q2380 | 2SC2412KT | TRANSISTOR | |
| Q2381 | 2SB709ATX | TRANSISTOR | |
| Q2382 | 2SB709ATX | TRANSISTOR | |
| | OTHERS | | |
| A1 | TJSF29204 | CONNECTOR | |
| A5 | TJS3A9670 | 6P CONNECTOR | |
| A8 | TJS3A9880 | 8P CONNECTOR | |
| A9 | TJS4G8090 | 20P CONNECTOR | |
| A22 | TJS3A9650 | 4P CONNECTOR | |
| A40 | TJS3A9640 | 3P CONNECTOR | |
| A41 | TJS118590 | 2P CONNECTOR | |
| A42 | TJS118590 | 2P CONNECTOR | |
| A43 | TJS118590 | 2P CONNECTOR | |
| F801 | XBA2C40TR0 | FUSE 250V 4A | ⚠ |
| JA1 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA2 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA3 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA4 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA5 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA6 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA7 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA8 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA9 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA10 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA11 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA12 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA15 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA16 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA17 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA18 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA19 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA20 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA21 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA23 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA26 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA28 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA30 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA31 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA32 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA35 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA36 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA37 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA41 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA42 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA43 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA49 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA51 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA52 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA53 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA54 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA57 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA60 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JK351 | 330550044K2F | CRT SOCKET | ⚠ |