

# Service Manual

Colour Television EURO 3HW Chassis

TX-25AD50F/P TX-29AD50F/P

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# Service Manual



## Colour Television TX-29AD50F/P TX-25AD50F/P EURO-3H Chassis

### Specifications

(Information in brackets { } refers to TX-25AD50F/P)

|                                 |                                                                                                                                                                                                                                    |                               |                                   |                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------|------------------|
| <b>Power Source :</b>           | 220 - 240 V AC, 50Hz                                                                                                                                                                                                               | AV2 IN                        | Video (21 pin )                   | 1 Vp-p 75W       |
| <b>Power Consumption :</b>      | 159W {149W}                                                                                                                                                                                                                        |                               | Audio (21 pin )                   | 500 mV rms 10 kW |
| <b>Aerial Impedance :</b>       | 75W unbalanced, Coaxial Type                                                                                                                                                                                                       |                               | S-Video IN                        | Y : 1 Vp-p 75W   |
| <b>Receiving System :</b>       | PAL B/G, D/K, I, H, PAL - 60<br>SECAM B/G, D/K, L/L'<br>M.NTSC, NTSC (AV Only)                                                                                                                                                     | AV2 OUT                       | (21 pin )                         | C : 0.3 Vp-p 75W |
| <b>Receiving Channels :</b>     | VHF E2 - E12<br>VHF H1 - H2 (ITALY)<br>VHF A - H (ITALY)<br>VHF R1 - R2<br>VHF R3 - R5<br>VHF R6 - R12<br>UHF E21 - E69<br>CATV (S01 - S05)<br>CATV S1 - S10 (M1 - M10)<br>CATV S11 - S20 (U1 - U10)<br>CATV S21 - S41 (HYPERBAND) | AV3 IN                        | S-Video IN                        | Y : 1 Vp-p 75W   |
|                                 |                                                                                                                                                                                                                                    |                               | (4-pin )                          | C : 0.3 Vp-p 75W |
|                                 |                                                                                                                                                                                                                                    |                               | Audio (RCA x 2)                   | 500 mV rms 10kW  |
|                                 |                                                                                                                                                                                                                                    |                               | Video (RCA x 1)                   | 1 Vp-p 75W       |
| <b>Intermediate Frequency :</b> |                                                                                                                                                                                                                                    | <b>High Voltage :</b>         | 30.5 kV "1kV at zero beam current |                  |
| Video                           | 38.9MHz,34MHz                                                                                                                                                                                                                      | <b>Picture Tube :</b>         | A68ESF002X43                      | 72 cm            |
| Sound                           | 32.9MHz,33.4MHz                                                                                                                                                                                                                    |                               | {A59ESF002X43                     | 63 cm}           |
|                                 | 33.16MHz,32.4MHz                                                                                                                                                                                                                   |                               | 110_ deflection                   |                  |
|                                 | 40.4MHz,34.05MHz,33.05MHz                                                                                                                                                                                                          | <b>Audio Output :</b>         |                                   |                  |
| Colour                          | 34.65MHz,34.47MHz,34.5MHz                                                                                                                                                                                                          | Internal Speaker              | 2 x 20W (Left/Right)(Music Power) |                  |
| <b>Video / AudioTerminals</b>   |                                                                                                                                                                                                                                    |                               | 25W (3D Bass)(Music Power)        |                  |
| AUDIO MONITOR OUT               | Audio (RCA x 2)                                                                                                                                                                                                                    |                               | 8 W Impedance                     |                  |
| AV1 IN                          | Video (21 pin )                                                                                                                                                                                                                    | Headphones                    | 8 W Impedance                     |                  |
|                                 | Audio (21 pin )                                                                                                                                                                                                                    | <b>Accessories supplied :</b> | Remote Control                    |                  |
|                                 | RGB (21 pin )                                                                                                                                                                                                                      |                               | 2 x R6 (UM3) Batteries            |                  |
| AV1 OUT                         | Video (21 pin )                                                                                                                                                                                                                    | <b>Dimensions :</b>           |                                   |                  |
|                                 | Audio (21 pin )                                                                                                                                                                                                                    | Height :                      | 570mm                             | {510mm}          |
|                                 |                                                                                                                                                                                                                                    | Width :                       | 698mm                             | {625mm}          |
|                                 |                                                                                                                                                                                                                                    | Depth :                       | 483mm                             | {468mm}          |
|                                 |                                                                                                                                                                                                                                    | <b>Net Weight</b>             | 37kg                              | {31kg}           |

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

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## Safety Precautions

### General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
2. When servicing, observe the original 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 that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
4. When the receiver is not being used for a long period of time, unplug the power cord from the AC outlet.
5. Potentials as high as 31.5kV are 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 familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the chassis before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.
4. Check each exposed Metallic part and check the voltage at each point.
5. Reverse the AC plug at the outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 1.4 Vrms. In case a measurement is outside the 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.

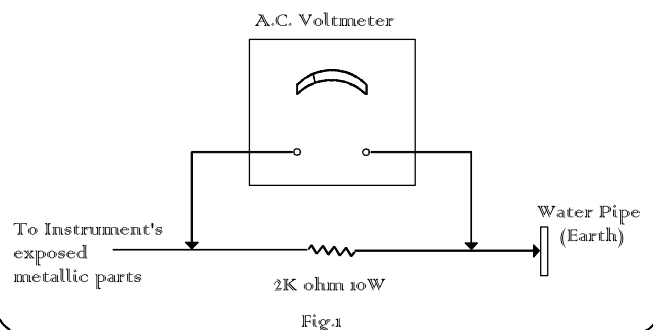
### Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs of the plug.
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, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis the reading should be between 4M ohm and 20M ohm. When the exposed metal does not have a return path to the chassis the reading must be infinite.

### Leakage Current Hot Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 2k ohm 10W 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 to measure the potential across the resistor.

### HOT CHECK CIRCUIT



### X-Radiation Warning

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service ensure that the jig is capable of handling 31.5kV without causing X-Radiation.

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

1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate 30.5kV  $\pm$  1kV at zero beam current 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 an X-Radiation possibility, it is essential to use the specified tube.

## LOCATION OF CONTROLS

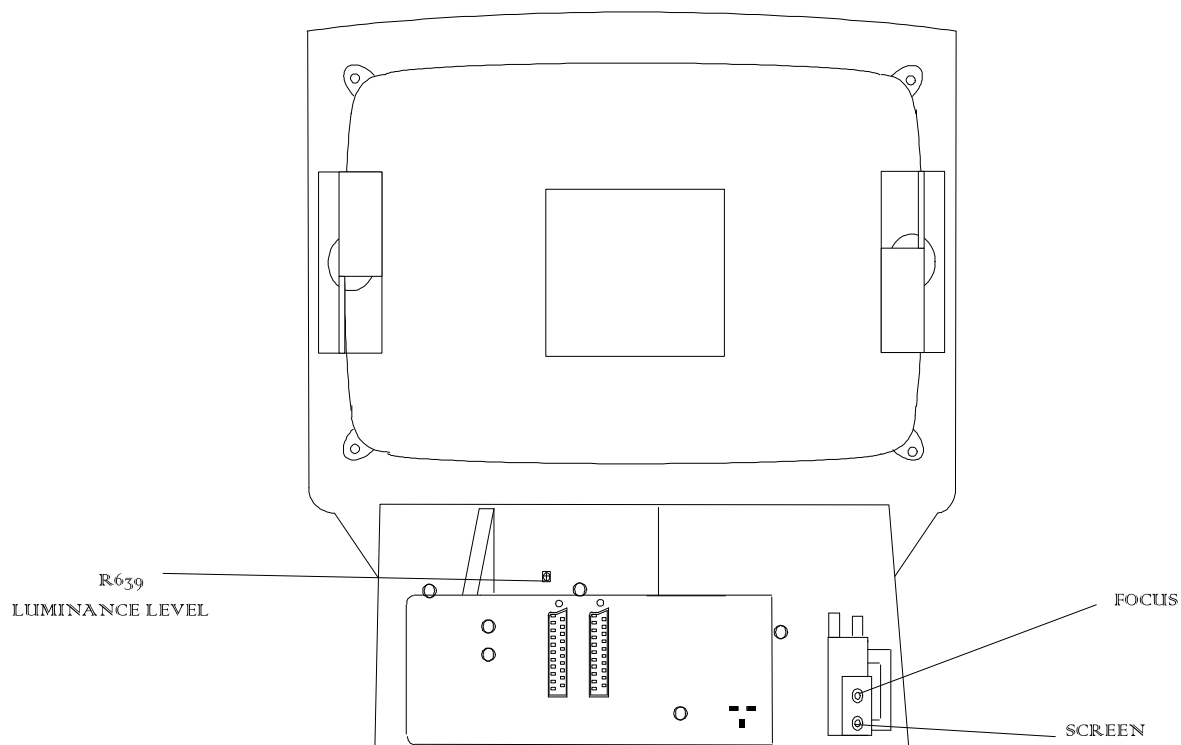


Fig.2

## SERVICE HINTS

### How to remove the rear cover

1. Remove the 9 screws (A) as shown in Fig.3/Fig.4.

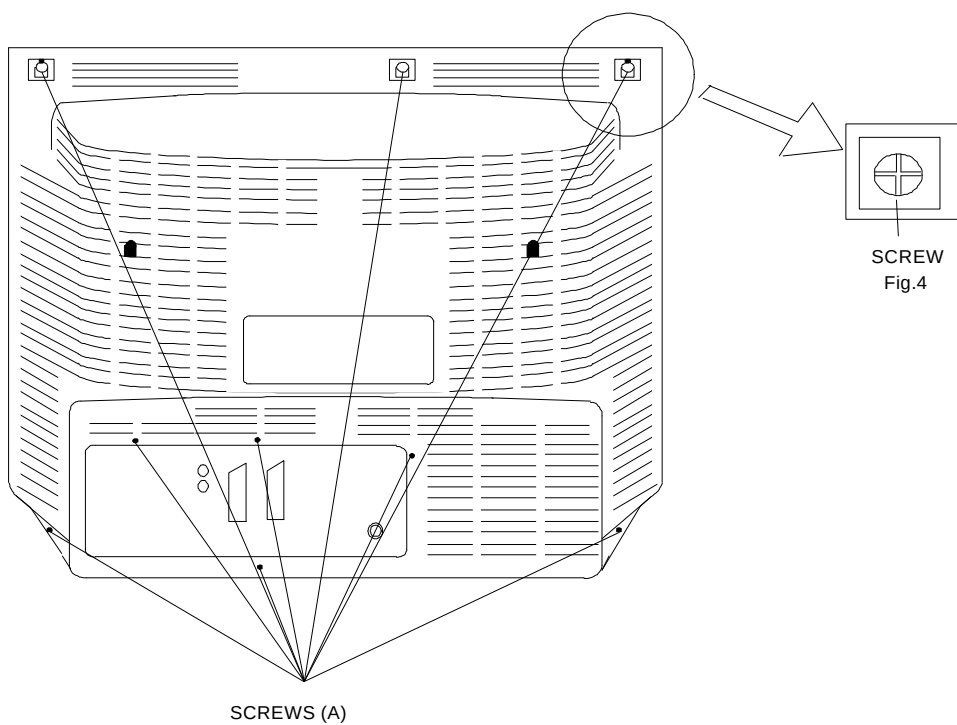


Fig.3.

## ADJUSTMENT PROCEDURE

The remote control is used for entering and storing adjustments, with the exception of cut-off adjustments which must always be done prior to service adjustment. Perform adjustments in accordance with screen display. The display on the screen also specifies the CCU variants as well as the approx. setting values. The adjustment sequence for the service mode is indicated below.

1. Set the Bass to maximum position, set the Treble to minimum position, press and hold the Reveal button on the remote control and at the same time press the -/v button on the customer controls at the front of the TV, this will place the TV into the Service Mode.
2. Press the RED / GREEN buttons to step up / down through the functions.
3. Press the YELLOW / BLUE buttons to alter the function values.
4. Press the STORE button after each adjustment has been made to store the required values.
5. To exit the Service Mode press the Normalisation button..

**NOTE:** This TV also has the option of using a Memory Pack which enables you to copy the preset TV channels into the Memory Pack and then download them onto this or any other EURO-3 TV set.

### TV to Memory Pack process

1. Plug the memory pack into the AV2 21 pin terminal at the back of the TV and switch the TV on.
2. Go into the Service Mode as explained above. The screen will show:-

Program  
External>>TV

3. Press the blue button on the remote control. The screen will show:-

Program  
TV>>External

4. Press the STORE button on the TV. The screen will show:-

Storing

5. All the tuning information stored inside the TV will now be transferred to the Memory Pack. This process will take 2-3 minutes to complete and when finished the screen will show:-

OK!

### Memory Pack to TV Process

1. Plug the memory pack into the AV2 21 pin terminal at the back of the TV and switch the TV on.
2. Go into the Service Mode as explained above. The screen will show:-

Program  
External>>TV

3. Press the STORE button on the TV. The screen will show:-

Loading

4. All the tuning information stored inside the Memory Pack will now be transferred to the TV. This process will take 2-3 minutes to complete and when finished the screen will show:-

OK!

5. The tuning information from the Memory Pack has now been copied into the TV.

6. To exit from the Service Mode press the Normalisation button.

7. The process has now been completed and the Memory Pack can now be removed.

## Errors

If an error occurs while using the Memory Pack the TV will detect this and the screen will show:-

Program  
Error!

If this happens then press the Normalisation button and repeat the process that was being used. If the errors continue to occur then check the connectors between the TV and the memory pack and check the 9V battery inside the memory pack.

## ALIGNMENT SETTINGS

(The figures used below are nominal and used for representative purposes only)

### Please Note

When aligning the TV, in Service Mode 1, please remember that separate alignments need to be performed in both PAL (50Hz) and NTSC (60Hz) systems for 4:3, and 16:9 aspect modes.

| Alignment Function   |                           | Settings / Special features                                                                                                                                                   |
|----------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vertical amplitude   | V-AMP<br>026              | Optimum setting                                                                                                                                                               |
| Vertical linearity   | V-LIN<br>022              | Optimum setting                                                                                                                                                               |
| V-Pos.               | V-POS<br>005              | Optimum setting                                                                                                                                                               |
| Horizontal amplitude | H-AMP<br>045              | Optimum setting                                                                                                                                                               |
| Horizontal position  | H-POS<br>032              | Optimum setting                                                                                                                                                               |
| EW-amplitude         | E/W-AMP 1<br>063          | Optimum setting                                                                                                                                                               |
| EW-amplitude         | E/W-AMP 2<br>021          | Optimum setting                                                                                                                                                               |
| Trapezium-comp       | TRAPEZ-1<br>004           | Optimum setting                                                                                                                                                               |
| Vert. DC.            | VERT. D.C.<br>008         | Optimum setting                                                                                                                                                               |
| Text Position        | TEXT POSITION<br>060      | Optimum setting                                                                                                                                                               |
| Cutoff               | - - -                     | Enter Service Mode and step through to Cutoff, connect an oscilloscope to the Blue Cathode and adjust the screen VR of the FBT to get 150_5V at the base of the Cutoff pulse. |
| Cutoff RGB           | CUTOFF RGB<br>032 032 032 | Press the GREEN button to step through the settings. Adjust for optimum.                                                                                                      |
| White RGB            | WHITE RGB<br>032 032 032  | Press the GREEN button to step through the settings. Adjust for optimum.                                                                                                      |
| Sub Brightness       | SUB BRIGHT<br>000         | Optimum setting                                                                                                                                                               |

ADJUSTMENT PROCEDURE

| Item/Preparation                                                                                                                                      |  | Adjustments |      |                                 |      |              |      |   |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|------|---------------------------------|------|--------------|------|---|-------------|
| <b>Supply Voltage Check</b><br>1. Receive a standard test pattern<br>2. Set the controls:<br>Brightness Minimum<br>Contrast Minimum<br>Volume Minimum |  | 1.          |      | ConFirm the following voltages. |      |              |      |   |             |
|                                                                                                                                                       |  |             |      | <u>E PCB</u>                    |      | <u>D PCB</u> |      |   |             |
|                                                                                                                                                       |  | <b>U5B</b>  | 5    | —                               | 0.5V | <b>U5A</b>   | 5.1  |   | +0.12/-0.1V |
|                                                                                                                                                       |  | <b>U8</b>   | 8    | —                               | 0.5V | <b>U5SB</b>  | 5    | — | 0.25V       |
|                                                                                                                                                       |  | <b>U9</b>   | 9    | —                               | 0.5V | <b>U15</b>   | 15   | — | 0.7V        |
|                                                                                                                                                       |  | <b>U12</b>  | 11.8 | —                               | 0.5V | <b>U16</b>   | 18.2 | — | 0.8V        |
|                                                                                                                                                       |  |             |      |                                 |      | <b>U22</b>   | 22.5 | — | 1V          |
|                                                                                                                                                       |  |             |      |                                 |      | <b>U38</b>   | 19   | — | 1V          |
|                                                                                                                                                       |  |             |      |                                 |      | <b>U47</b>   | 45.7 | — | 2.5V        |
|                                                                                                                                                       |  |             |      |                                 |      | <b>U150</b>  | 150  | — | 1V          |
|                                                                                                                                                       |  |             |      | <b>U200</b>                     | 204  | —            | 10V  |   |             |

SELF CHECK

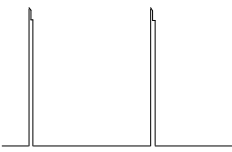
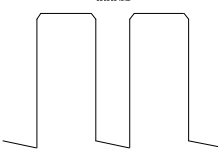
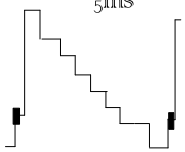
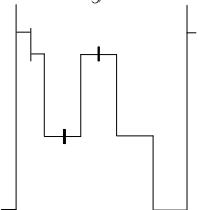
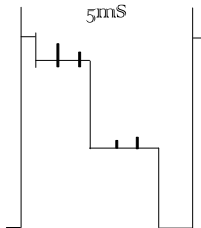
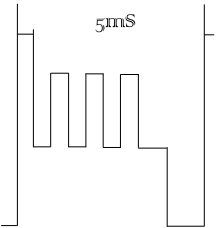
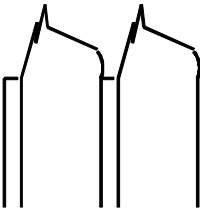
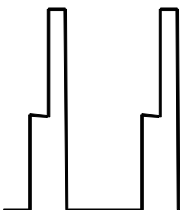
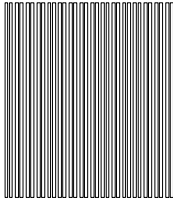
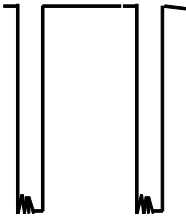
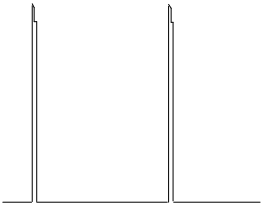
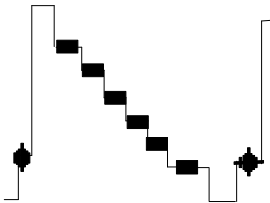
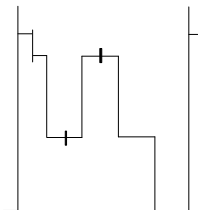
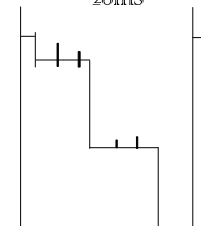
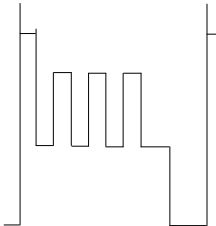
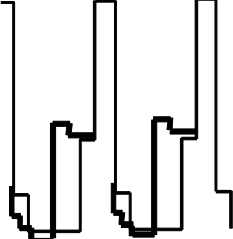
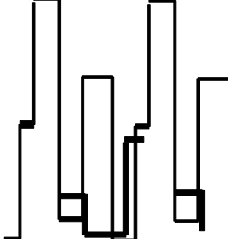
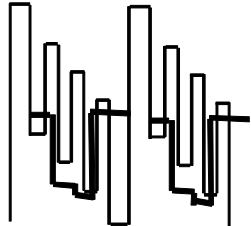
Self check is used to automatically check the bus lines and hexadecimal code of the tv set.  
To get into the self check mode press and hold the status button on the remote control at the same time pressing the -/v button on the customer controls at the front of the tv, and the screen will show:-

|        |           |         |                   |         |                 |
|--------|-----------|---------|-------------------|---------|-----------------|
| 0 — ok | Test Byte | 8 — ok  | Col Decoder (M)   | 16 — == | Col Decoder (P) |
| 1 — ok | Lst Power | 9 — ok  | Clock generator   | 17 — == | Q - PIP         |
| 2 — ok | U5 Det    | 10 — ok | V - Processor     | 18 — ok | Not Used        |
| 3 — ok | Protector | 11 — ok | DFU               | 19 — ok | Not Used        |
| 4 — ok | Not Used  | 12 — ok | Display Processor | 20 — ok | EAROM           |
| 5 — ok | Not Used  | 13 — ok | RGB Processor     | 21 — ok | Audio Matrix    |
| 6 — ok | Not Used  | 14 — ok | Deflection IC     | 22 — ok | Video Matrix    |
| 7 — ok | Not Used  | 15 — ok | MSP               | 23 — ok | Tuner           |

If the CCU ports have been checked and found to be incorrect or not located then "-" will appear in place of "OK".

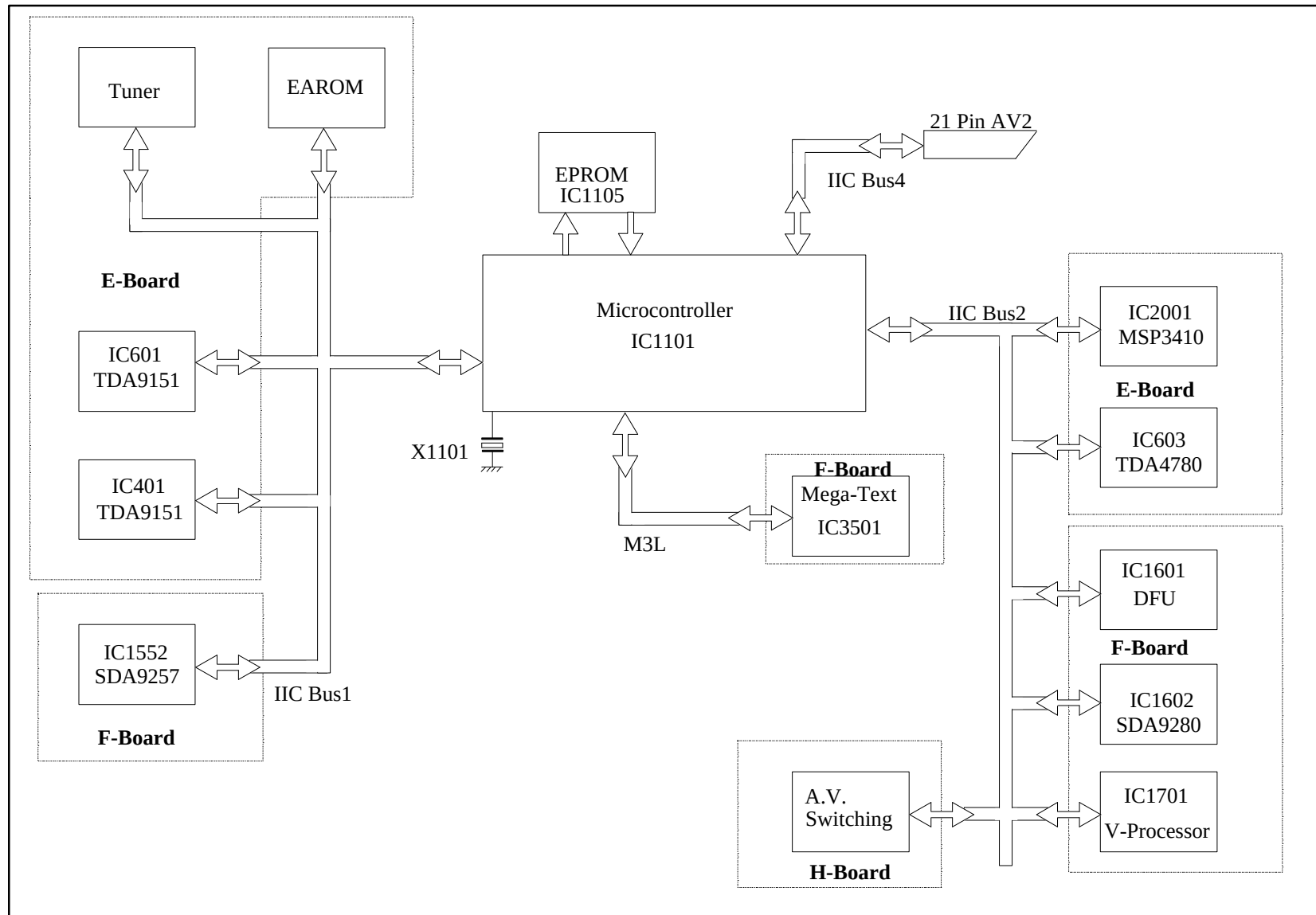
|           |
|-----------|
| Hex codes |
| 09        |
| 73        |
| E6        |
| 1F        |
| BB        |
| BB        |
| 03        |

# WAVEFORM PATTERN TABLE

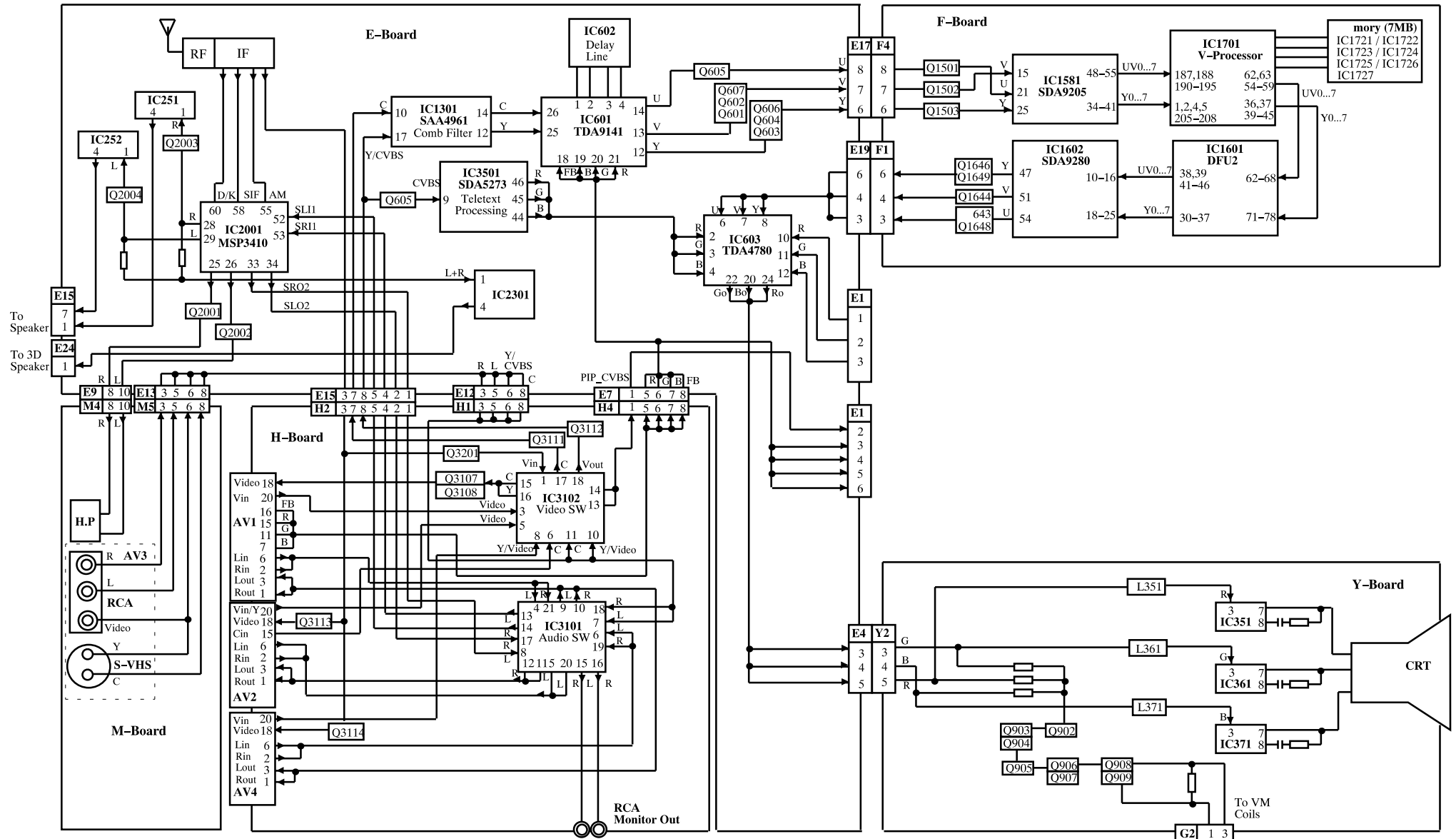
|                                                                                                                       |                                                                                                                       |                                                                                                                        |                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <p>IC 3501 PIN3</p> <p>1mS</p>       | <p>IC 3501 PIN4</p> <p>1mS</p>       | <p>IC601 PIN25</p> <p>5mS</p>        | <p>IC601 PIN26</p> <p>5mS</p>       |
| <p>Q552 COLLECTOR</p> <p>20mS</p>    | <p>IC 603 PIN 20</p> <p>5mS</p>      | <p>IC 603 PIN 24</p> <p>5mS</p>      | <p>IC 603 PIN 22</p> <p>5mS</p>     |
| <p>Q502 COLLECTOR</p> <p>64mS</p>  | <p>IC 1801 PIN 10</p> <p>20mS</p>  | <p>IC 1803 PIN 12</p> <p>20mS</p>  | <p>IC 1803 PIN 1</p> <p>20mS</p>  |
| <p>IC 1841 PIN 10</p> <p>5mS</p>   | <p>IC 1801 PIN 26</p> <p>5mS</p>   | <p>IC 371 PIN 3</p> <p>20mS</p>    | <p>IC 351 PIN 3</p> <p>20mS</p>   |
| <p>IC 361 PIN 3</p> <p>20mS</p>    | <p>TPY1</p> <p>5mS</p>             | <p>TPY2</p> <p>5mS</p>             | <p>TPY3</p> <p>5mS</p>            |



# CONTROL BLOCK DIAGRAM



# Video and Audio Block Diagram



**SCHEMATIC DIAGRAM FOR MODELS**  
**TX-29AD50F/P**  
**TX-25AD50F/P**  
**(EURO-3H CHASSIS )**

**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  $\frac{1}{4}W$  resistor, unless marked.  
Unit of resistance is OHM (W) (K=1,000, M=1,000,000).
2. **CAPACITOR**  
All capacitors are ceramic 50V capacitors, unless marked, Unit of capacitance is mF unless otherwise stated.
3. **COIL**  
Unit of inductance is mH, unless otherwise stated.
4. **TEST POINT**  
 **POINT**  
Test Point Position
5. **EARTH SYMBOL**  
 Chassis Earth (cold)  
 Line Earth (Hot)
6. **VOLTAGE MEASUREMENT**  
Voltage is measured by a DC voltmeter.  
Measurement conditions are as follows:

|                       |                        |
|-----------------------|------------------------|
| Power source          | AC 220-240V, 50HZ      |
| Receiving signal      | Colour Bar signal (RF) |
| All customer controls | Maximum position       |
7. 
  - Indicates the Video signal path
  - Indicates the Audio signal path
  - Indicates the Vertical/Horizontal signal path
8. This schematic diagram is the latest at the time of printing and is subject to change without notice.

## PRECAUTIONS

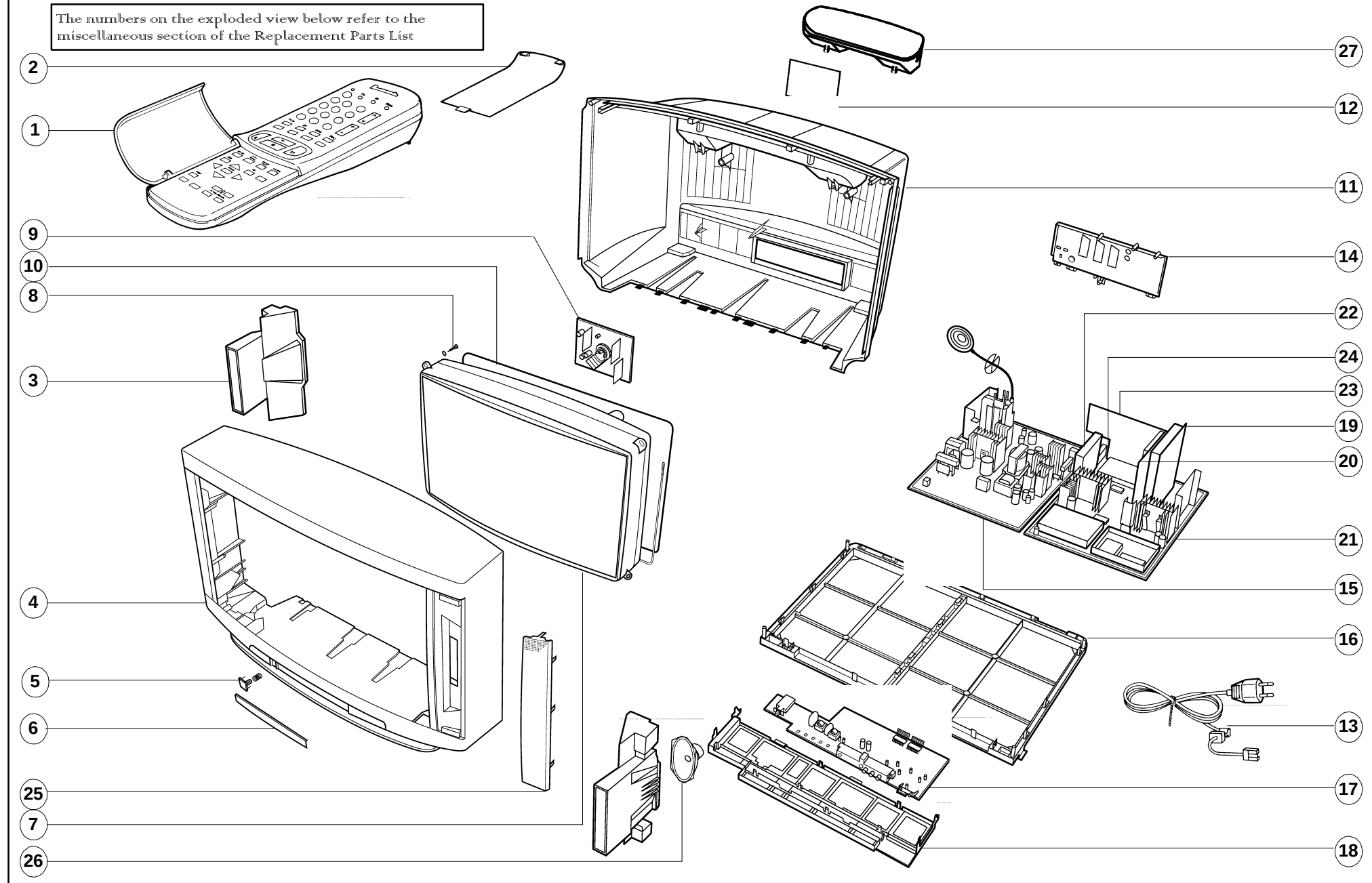
- a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- b. Do not short-circuit the hot and cold circuits as electrical components may be damaged.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously, as this may cause fuse failure. connect the earth of the instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

## 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. all circuits, except the power circuit, are cold.

# PARTS LOCATION

The numbers on the exploded view below refer to the miscellaneous section of the Replacement Parts List



## REPLACEMENT PARTS LIST

### Important Safety Notice

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

## COMMON PARTS FOR MODELS TX-29AD50F/P AND TX-25AD50F/P

### MISCELLANEOUS COMPONENTS

|     |              |                        |  |   |      |              |         |     |        |
|-----|--------------|------------------------|--|---|------|--------------|---------|-----|--------|
|     |              |                        |  |   | C019 | ECUV1H561JCX | S.M.CAP | 50V | 560pF  |
|     |              |                        |  |   | C020 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
|     |              |                        |  |   | C022 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
|     |              |                        |  |   | C023 | ECUV1H681JCX | S.M.CAP | 50V | 680pF  |
|     |              |                        |  |   | C024 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
|     |              |                        |  |   | C025 | ECUV1H101JCX | S.M.CAP | 50V | 100pF  |
|     |              |                        |  |   | C026 | ECUV1H681JCX | S.M.CAP | 50V | 680pF  |
|     |              |                        |  |   | C101 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C106 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C108 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C109 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C111 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
|     |              |                        |  |   | C113 | ECUV1H393KBX | S.M.CAP | 50V | 39nF   |
|     |              |                        |  |   | C115 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C116 | ECUV1H030CPX | S.M.CAP | 50V | 30pF   |
|     |              |                        |  |   | C117 | ECUV1H070DTX | S.M.CAP | 50V | 70pF   |
|     |              |                        |  |   | C118 | ECEA1CKA100  | ELECT   | 16V | 10mF   |
|     |              |                        |  |   | C120 | ECEA1HKA2R2  | ELECT   | 50V | 2.2mF  |
|     |              |                        |  |   | C121 | ECEA1HKA2R2  | ELECT   | 50V | 2.2mF  |
|     |              |                        |  |   | C122 | ECUV1C105ZFX | S.M.CAP | 16V | 1000nF |
|     |              |                        |  |   | C123 | ECEA1HKA2R2  | ELECT   | 50V | 2.2mF  |
|     |              |                        |  |   | C124 | ECUV1H471JCX | S.M.CAP | 50V | 470pF  |
|     |              |                        |  |   | C125 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C126 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C127 | ECEA1CKA100  | ELECT   | 16V | 10mF   |
|     |              |                        |  |   | C128 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
|     |              |                        |  |   | C129 | ECEA1CKA100  | ELECT   | 16V | 10mF   |
|     |              |                        |  |   | C130 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C131 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
|     |              |                        |  |   | C132 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
|     |              |                        |  |   | C133 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
|     |              |                        |  |   | C134 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C135 | ECEA1CKA100  | ELECT   | 16V | 10mF   |
|     |              |                        |  |   | C136 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C137 | ECUV1H100DCX | S.M.CAP | 50V | 10pF   |
|     |              |                        |  |   | C138 | ECUV1H151JCX | S.M.CAP | 50V | 150pF  |
|     |              |                        |  |   | C139 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C140 | ECUV1H151JCX | S.M.CAP | 50V | 150pF  |
|     |              |                        |  |   | C142 | ECUV1H100DCX | S.M.CAP | 50V | 10pF   |
|     |              |                        |  |   | C143 | ECUV1H220JCX | S.M.CAP | 50V | 22pF   |
|     |              |                        |  |   | C144 | ECUV1H151JCX | S.M.CAP | 50V | 150pF  |
|     |              |                        |  |   | C145 | ECUV1H151JCX | S.M.CAP | 50V | 150pF  |
|     |              |                        |  |   | C146 | ECUV1H120JCX | S.M.CAP | 50V | 12pF   |
|     |              |                        |  |   | C148 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
|     |              |                        |  |   | C150 | ECEA1CKA100  | ELECT   | 16V | 10mF   |
|     |              |                        |  |   | C151 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C152 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
|     |              |                        |  |   | C153 | ECUV1H120JCX | S.M.CAP | 50V | 12pF   |
|     |              |                        |  |   | C158 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
|     |              |                        |  |   | C159 | ECUV1H080CCX | S.M.CAP | 50V | 80pF   |
|     |              |                        |  |   | C251 | ECQM1H474J   | FILM    | 50V | 470nF  |
|     |              |                        |  |   | C252 | ECUV1H222JCX | S.M.CAP | 50V | 2.2nF  |
|     |              |                        |  |   | C254 | ECUV1H393KBX | S.M.CAP | 50V | 39nF   |
|     |              |                        |  |   | C255 | ECEA1CN100   | ELECT   | 16V | 10mF   |
|     |              |                        |  |   | C256 | ECA1HM330B   | ELECT   | 50V | 33pF   |
|     |              |                        |  |   | C257 | ECA1HM100GB  | ELECT   | 50V | 10pF   |
|     |              |                        |  |   | C258 | ECQM1H474J   | FILM    | 50V | 470nF  |
|     |              |                        |  |   | C259 | ECUV1H222JCX | S.M.CAP | 50V | 2.2nF  |
|     |              |                        |  |   | C261 | ECUV1H393KBX | S.M.CAP | 50V | 39nF   |
|     |              |                        |  |   | C262 | ECEA1CN100   | ELECT   | 16V | 10mF   |
|     |              |                        |  |   | C263 | ECA1HM330B   | ELECT   | 50V | 33pF   |
|     |              |                        |  |   | C264 | ECA1HM100GB  | ELECT   | 50V | 10pF   |
| 1)  | EUR51923     | REMOTE CONTROL         |  |   |      |              |         |     |        |
| 2)  | UR51EC780    | BATTERY COVER (REMOTE) |  |   |      |              |         |     |        |
| 3)  | TKK8E026     | SPEAKER REFLECTOR      |  |   |      |              |         |     |        |
| 4)  | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 5)  | TBX8E033     | POWER BUTTON           |  |   |      |              |         |     |        |
| 6)  | TKP8E1149    | LID                    |  |   |      |              |         |     |        |
| 7)  | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 8)  | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 9)  | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 10) | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 11) | TNPA0292AC   | Y P.C.B.               |  | ▲ |      |              |         |     |        |
| 12) | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 13) | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 14) | TKP8E1154    | AV COVER               |  |   |      |              |         |     |        |
| 15) | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 16) | TMX8E014     | CHASSIS FRAME          |  |   |      |              |         |     |        |
| 17) | TNPA0348AA   | M P.C.B.               |  | ▲ |      |              |         |     |        |
| 18) | TMW8E023     | CONTROL BRACKET        |  |   |      |              |         |     |        |
| 19) | TNPA0294AA   | F P.C.B.               |  | ▲ |      |              |         |     |        |
| 20) | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 21) | TNPA0317AA   | B P.C.B.               |  | ▲ |      |              |         |     |        |
| 22) | ENV57D03G3   | TUNER                  |  | ▲ |      |              |         |     |        |
| 23) | TNPA0293AB   | H P.C.B.               |  | ▲ |      |              |         |     |        |
| 24) | *****        | SEE DIFFERENCE LIST    |  |   |      |              |         |     |        |
| 25) | EAGG1218E2   | SPEAKER                |  |   |      |              |         |     |        |
| 26) | TSX8E0020    | POWER LEAD             |  | ▲ |      |              |         |     |        |
| 27) | EAB10102B2   | LOUDSPEAKER            |  |   |      |              |         |     |        |
|     | TQB8E2249N   | ROMANIAN INST BOOK     |  | ▲ |      |              |         |     |        |
|     | TQB8E2249P   | POLISH INST BOOK       |  | ▲ |      |              |         |     |        |
|     | TQB8E2249Q   | HUNGARIAN INST BOOK    |  | ▲ |      |              |         |     |        |
|     | TQB8E2249R   | CZECH INST BOOK        |  | ▲ |      |              |         |     |        |
|     | TQB8E2249U   | ENGLISH INST BOOK      |  | ▲ |      |              |         |     |        |
|     | TQA8E2026    | SCHEMATIC BROADSHEET   |  | ▲ |      |              |         |     |        |
|     | TBM8E1532-1  | IND SHEET              |  |   |      |              |         |     |        |
|     | TEK6940      | LID CATCHER            |  |   |      |              |         |     |        |
|     | TKP8E1150    | FRONT PANEL LEFT       |  |   |      |              |         |     |        |
|     | TKP8E1161    | FRONT PANEL RIGHT      |  |   |      |              |         |     |        |
|     | TMW8E017     | L.E.D.HOLDER           |  |   |      |              |         |     |        |
|     | TMX8E015     | PCB SUPPORT BRACKET    |  |   |      |              |         |     |        |
|     | TPD8E562     | CUSHION                |  |   |      |              |         |     |        |
|     | UM-3DEP-2P   | BATTERY                |  |   |      |              |         |     |        |
|     | PCS-068A-1   | 68 PIN I.C.SOCKET      |  |   |      |              |         |     |        |
|     | ERC12GK825   | SOLID 0.5W 10% 8M2W    |  |   |      |              |         |     |        |
|     | 832AG11D-ESL | I.C.SOCKET             |  |   |      |              |         |     |        |

### CAPACITORS

|      |              |         |     |        |
|------|--------------|---------|-----|--------|
| C002 | ECUV1H102JCX | S.M.CAP | 50V | 1nF    |
| C003 | ECA1HM101GB  | ELECT   | 50V | 100pF  |
| C004 | ECUV1H102JCX | S.M.CAP | 50V | 1nF    |
| C005 | ECUV1H102JCX | S.M.CAP | 50V | 1nF    |
| C006 | ECUV1H102JCX | S.M.CAP | 50V | 1nF    |
| C007 | ECUV1H102JCX | S.M.CAP | 50V | 1nF    |
| C009 | ECA1HMR22GB  | ELECT   | 50V | 0.22mF |
| C010 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
| C014 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
| C015 | ECUV1H390JCX | S.M.CAP | 50V | 39pF   |
| C016 | ECUV1H390JCX | S.M.CAP | 50V | 39pF   |
| C017 | ECA1CM470GB  | ELECT   | 16V | 47mF   |

|      |              |         |       |        |   |      |              |         |       |        |   |
|------|--------------|---------|-------|--------|---|------|--------------|---------|-------|--------|---|
| C267 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   | C575 | TAC1114Z684A | CERAMIC | 400V  | 0.68mF |   |
| C268 | ECUV1H223ZFX | S.M.CAP | 50V   | 22nF   |   | C581 | ECQF4123JZH  | FILM    | 400V  | 12nF   |   |
| C269 | ECA1EM222GB  | ELECT   | 25V   | 2.2nF  |   | C584 | ECKC3D221JB  | CERAMIC | 2.0KV | 220pF  |   |
| C270 | ECA1EM222GB  | ELECT   | 25V   | 2.2nF  |   | C585 | ECKC3A471J   | CERAMIC | 1KV   | 470pF  | ⚠ |
| C271 | ECA1HM010GB  | ELECT   | 50V   | 1pF    |   | C586 | ECKC1H103JB  | CERAMIC | 50V   | 10nF   |   |
| C272 | ECA1HM010GB  | ELECT   | 50V   | 1pF    |   | C601 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C273 | ECA1HM010GB  | ELECT   | 50V   | 1pF    |   | C602 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C274 | ECA1HM010GB  | ELECT   | 50V   | 1pF    |   | C603 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C275 | ECUV1C184KBX | S.M.CAP | 16V   | 0.18mF |   | C604 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C276 | ECUV1C184KBX | S.M.CAP | 16V   | 0.18mF |   | C605 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C277 | ECEA1HU471   | ELECT   | 50V   | 470mF  |   | C606 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C281 | ECUV1H561JCX | S.M.CAP | 50V   | 560pF  |   | C608 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C282 | ECUV1H561JCX | S.M.CAP | 50V   | 560pF  |   | C609 | ECUV1H180JCX | S.M.CAP | 50V   | 18pF   |   |
| C283 | ECUV1H561JCX | S.M.CAP | 50V   | 560pF  |   | C610 | ECUV1H150JCX | S.M.CAP | 50V   | 15pF   |   |
| C352 | ECUV1H224ZFX | S.M.CAP | 50V   | 0.22mF |   | C611 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C353 | ECUV1H103KBX | S.M.CAP | 50V   | 10nF   |   | C612 | ECUV1H332ZFX | S.M.CAP | 50V   | 3.3nF  |   |
| C354 | ECKC2H103J   | CERAMIC | 50V   | 10nF   | ⚠ | C613 | ECUV1C474ZFX | S.M.CAP | 16V   | 0.47mF |   |
| C355 | ECKC2H102J   | CERAMIC | 500V  | 1nF    | ⚠ | C614 | ECUV1H332ZFX | S.M.CAP | 50V   | 3.3nF  |   |
| C362 | ECUV1H224ZFX | S.M.CAP | 50V   | 0.22mF |   | C615 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C363 | ECUV1H103KBX | S.M.CAP | 50V   | 10nF   |   | C616 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C364 | ECKC2H103J   | CERAMIC | 50V   | 10nF   | ⚠ | C617 | ECA1CM220GB  | ELECT   | 16V   | 22mF   |   |
| C365 | ECKC2H102J   | CERAMIC | 500V  | 1nF    | ⚠ | C618 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C372 | ECUV1H224ZFX | S.M.CAP | 50V   | 0.22mF |   | C619 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C373 | ECUV1H103KBX | S.M.CAP | 50V   | 10nF   |   | C620 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C374 | ECKC2H103J   | CERAMIC | 50V   | 10nF   | ⚠ | C621 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C375 | ECKC2H102J   | CERAMIC | 500V  | 1nF    | ⚠ | C622 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C381 | ECA1HM101GB  | ELECT   | 50V   | 100pF  |   | C623 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C382 | ECA0JM471GB  | ELECT   | 6.3V  | 470pF  |   | C624 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C383 | ECUV1H103KBX | S.M.CAP | 50V   | 10nF   |   | C625 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C384 | ECQM2104KZ   | FILM    | 250V  | 100nF  |   | C626 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C385 | ECEA2EU220   | ELECT   | 250V  | 22mF   |   | C627 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C386 | ECKC3D152J   | CERAMIC | 2KV   | 1.5nF  | ⚠ | C628 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C395 | ECQM1H104J   | FILM    | 50V   | 100nF  |   | C629 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C402 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C630 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C403 | ECA1AM332E   | ELECT   | 10V   | 3.3nF  |   | C631 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C404 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C632 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C405 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C633 | ECUV1H470JCX | S.M.CAP | 50V   | 47pF   |   |
| C406 | ECUV1H471JCX | S.M.CAP | 50V   | 470pF  |   | C634 | ECA1AM221GB  | ELECT   | 10V   | 220pF  |   |
| C409 | ECUV1H101JCX | S.M.CAP | 50V   | 100pF  |   | C635 | ECA1HM220GB  | ELECT   | 50V   | 22pF   |   |
| C413 | ECUV1H561KBX | S.M.CAP | 50V   | 560pF  |   | C636 | ECA1HM010GB  | ELECT   | 50V   | 1pF    |   |
| C451 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C637 | ECQM1H224J   | FILM    | 50V   | 220nF  |   |
| C452 | ECA1EM332E   | ELECT   | 25V   | 3.3nF  |   | C638 | ECA1HM010GB  | ELECT   | 50V   | 1pF    |   |
| C453 | ECEA1HU101   | ELECT   | 50V   | 100mF  |   | C639 | ECQM1H224J   | FILM    | 50V   | 220nF  |   |
| C455 | ECEA1HN100   | ELECT   | 50V   | 10mF   |   | C640 | ECQM1H224J   | FILM    | 50V   | 220nF  |   |
| C456 | ECQV1104JZ3  | FILM    | 100V  | 100nF  |   | C641 | ECQM1H224J   | FILM    | 50V   | 220nF  |   |
| C457 | ECUV1H102JCX | S.M.CAP | 50V   | 1nF    |   | C642 | ECA1AM470GB  | ELECT   | 10V   | 47pF   |   |
| C462 | ECKC3A471J   | CERAMIC | 1KV   | 470pF  | ⚠ | C643 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C463 | ECUV1H102KBX | S.M.CAP | 50V   | 1nF    |   | C644 | ECA1CM470GB  | ELECT   | 16V   | 47mF   |   |
| C464 | ECKC1H102J   | CERAMIC | 50V   | 1000pF |   | C645 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C501 | ECQM1H224J   | FILM    | 50V   | 220nF  |   | C646 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   |
| C502 | ECQM2683JZ   | FILM    | 250V  | 68nF   |   | C647 | ECEA1CN470   | ELECT   | 16V   | 47mF   |   |
| C503 | ECKC2H102J   | CERAMIC | 500V  | 1nF    | ⚠ | C648 | ECEA1CN470   | ELECT   | 16V   | 47mF   |   |
| C504 | ECQB1H223K   | FILM    | 50V   | 22nF   |   | C651 | ECUV1H820JCX | S.M.CAP | 50V   | 82pF   |   |
| C506 | ECKC2H102J   | CERAMIC | 500V  | 1nF    | ⚠ | C654 | ECUV1H393KBX | S.M.CAP | 50V   | 39nF   |   |
| C552 | TAC4R6T392JC | CERAMIC | 1500V | 3.9nF  |   | C655 | ECUV1E563KBX | S.M.CAP | 25V   | 56nF   |   |
| C553 | ECQP1104JZW  | FILM    | 100V  | 0.10mF |   | C657 | ECUV1C474ZFX | S.M.CAP | 16V   | 0.47mF |   |
| C555 | TAC4R6T472JC | CERAMIC | 1500V | 4.7nF  |   | C659 | ECUV1H821KBX | S.M.CAP | 50V   | 820pF  |   |
| C556 | ECEA2CNR47SB | ELECT   | 160V  | R47mF  |   | C661 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   |
| C557 | ECKC2H331J   | CERAMIC | 500V  | 330pF  | ⚠ | C662 | ECUV1H470JCX | S.M.CAP | 50V   | 47pF   |   |
| C558 | ECA2EM330B   | ELECT   | 250V  | 33pF   |   | C663 | ECUV1H150JCX | S.M.CAP | 50V   | 15pF   |   |
| C559 | ECKC2H101J   | CERAMIC | 500V  | 100pF  | ⚠ | C703 | ECUV1C224KBX | S.M.CAP | 16V   | 220nF  |   |
| C560 | ECA1EM332E   | ELECT   | 25V   | 3.3nF  |   | C752 | ECKC2H103J   | CERAMIC | 50V   | 10nF   | ⚠ |
| C561 | ECKC2H561J   | CERAMIC | 500V  | 560pF  | ⚠ | C803 | ECQE2A474MWB | FILM    | 100V  | 0.47mF |   |
| C562 | ECA1JM220B   | ELECT   | 63V   | 22pF   |   | C804 | 222233510154 |         |       | 0.15mF |   |
| C563 | TAC7A2D564JC | CERAMIC | 200V  | 0.56mF |   | C806 | ECQE6104K    | FILM    | 600V  | 100nF  | ⚠ |
| C564 | ECKC1H472J   | CERAMIC | 50V   | 4.7nF  |   | C807 | ECQB1H473K   | FILM    | 50V   | 47nF   |   |
| C565 | ECQP1823JZW  | FILM    | 100V  | 82nF   |   | C808 | ECQB1H333J   | FILM    | 50V   | 33nF   |   |
| C571 | ECQV1H105JZ  | FILM    | 50V   | 1mF    |   | C810 | 222233510154 |         |       | 0.15mF |   |
| C572 | TAC4R6T472JC | CERAMIC | 1500V | 4.7nF  |   | C811 | ECQB1H104J   | FILM    | 50V   | 100nF  |   |
| C573 | ECQF4153JZH  | FILM    | 400V  | 15nF   |   | C812 | ECQB1H222J   | FILM    | 50V   | 2200pF |   |
| C574 | TAC1114Z684A | CERAMIC | 400V  | 0.68mF |   | C813 | ECKC2H472J   | CERAMIC | 500V  | 4.7nF  | ⚠ |

|       |              |         |       |        |   |       |              |         |      |        |
|-------|--------------|---------|-------|--------|---|-------|--------------|---------|------|--------|
| C814  | ECKC2H472J   | CERAMIC | 500V  | 4.7nF  | ⚠ | C1127 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C815  | ECA1CM331B   | ELECT   | 16V   | 330pF  |   | C1129 | ECA1AM470GB  | ELECT   | 10V  | 47pF   |
| C816  | ECQB1H122J   | FILM    | 50V   | 1.2nF  |   | C1130 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C817  | ECKC2H472J   | CERAMIC | 500V  | 4.7nF  | ⚠ | C1131 | ECUV1H101JCX | S.M.CAP | 50V  | 100pF  |
| C818  | ECKC2H472J   | CERAMIC | 500V  | 4.7nF  | ⚠ | C1133 | ECUV1C184KBX | S.M.CAP | 16V  | 0.18mF |
| C819  | ECOS2GA181DB | ELECT   | 400V  | 180pF  |   | C1134 | ECUV1H103KBX | S.M.CAP | 50V  | 10nF   |
| C820  | ECOS2GA181DB | ELECT   | 400V  | 180pF  |   | C1135 | ECUV1H103ZFX | S.M.CAP | 50V  | 10nF   |
| C821  | ECQB1H222J   | FILM    | 50V   | 2200pF |   | C1136 | ECUV1H101JCX | S.M.CAP | 50V  | 100pF  |
| C822  | ECKC3D102J   | CERAMIC | 2KV   | 1nF    | ⚠ | C1137 | ECUV1H102KBX | S.M.CAP | 50V  | 1nF    |
| C823  | EEUFA1V221   |         | 35V   | 220pF  |   | C1138 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C824  | ECQB1H121KF3 | FILM    | 50V   | 0pF    |   | C1302 | ECUV1H150JCX | S.M.CAP | 50V  | 15pF   |
| C826  | ECQB1H473K   | FILM    | 50V   | 47nF   |   | C1304 | ECUV1H103ZFX | S.M.CAP | 50V  | 10nF   |
| C827  | ECKCNS332J   | CERAMIC | 1.2KV | 3.3nF  | ⚠ | C1305 | ECA1HM101GB  | ELECT   | 50V  | 100pF  |
| C830  | ECQE4105JFW  | FILM    | 400V  | 1mF    |   | C1306 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C831  | ECKC3D471JB  | CERAMIC | 2KV   | 470pF  | ⚠ | C1307 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C833  | ECQB1H682K   | FILM    | 50V   | 6.8nF  |   | C1308 | ECA1HM101GB  | ELECT   | 50V  | 100pF  |
| C834  | ECQB1H471KF3 | FILM    | 50V   | 0pF    |   | C1309 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C835  | ECQB1H152K   | FILM    | 50V   | 1.5nF  |   | C1310 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C849  | ECKC2H471J   | CERAMIC | 500V  | 470pF  | ⚠ | C1311 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C851  | ECQM1H104J   | FILM    | 50V   | 100nF  |   | C1312 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C852  | ECKC3D102J   | CERAMIC | 2KV   | 1nF    | ⚠ | C1313 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C853  | ECA1CM471GB  | ELECT   | 16V   | 470pF  |   | C1314 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C854  | ECA1EM471GB  | ELECT   | 25V   | 470pF  |   | C1315 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C855  | ECEA1HU102   | ELECT   | 50V   | 1000mF |   | C1316 | ECA1HM101GB  | ELECT   | 50V  | 100pF  |
| C856  | ECEA1HU471   | ELECT   | 50V   | 470mF  |   | C1317 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C857  | ECA1EM471GB  | ELECT   | 25V   | 470pF  |   | C1318 | ECA1HM101GB  | ELECT   | 50V  | 100pF  |
| C858  | ECOS2EA271BB | ELECT   | 250V  | 270pF  |   | C1321 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C859  | ECKC2H471J   | CERAMIC | 500V  | 470pF  | ⚠ | C1322 | ECUV1H101JCX | S.M.CAP | 50V  | 100pF  |
| C861  | ECOS2EA221AB | ELECT   | 250V  | 220mF  |   | C1323 | ECA1HM101GB  | ELECT   | 50V  | 100pF  |
| C863  | ECA1M222GB   | ELECT   | 25V   | 2.2nF  |   | C1324 | ECA1HM101GB  | ELECT   | 50V  | 100pF  |
| C864  | ECA0JM102GB  | ELECT   | 6.3V  | 1nF    |   | C1325 | ECUV1H103ZFX | S.M.CAP | 50V  | 10nF   |
| C866  | ECA1HM101GB  | ELECT   | 50V   | 100pF  |   | C1326 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C867  | ECA1CM222GB  | ELECT   | 16V   | 2200mF |   | C1327 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C868  | ECA1CM100GB  | ELECT   | 16V   | 10pF   |   | C1508 | ECUV1H103KBX | S.M.CAP | 50V  | 10nF   |
| C871  | ECA0JM102GB  | ELECT   | 6.3V  | 1nF    |   | C1509 | ECA1CM100GB  | ELECT   | 16V  | 10pF   |
| C872  | ECA1CM222GB  | ELECT   | 16V   | 2200mF |   | C1518 | ECA1HM101GB  | ELECT   | 50V  | 100pF  |
| C901  | ECUV1H030CCX | S.M.CAP | 50V   | 30pF   |   | C1519 | ECA1CM470GB  | ELECT   | 16V  | 47mF   |
| C902  | ECA1VM101GB  | ELECT   | 35V   | 100pF  |   | C1520 | ECA1CM470GB  | ELECT   | 16V  | 47mF   |
| C903  | ECA1CM470GB  | ELECT   | 16V   | 47mF   |   | C1521 | ECUV1H390JCX | S.M.CAP | 50V  | 39pF   |
| C904  | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   | C1524 | ECUV1H221JCX | S.M.CAP | 50V  | 220pF  |
| C905  | ECA1CM100GB  | ELECT   | 16V   | 10pF   |   | C1525 | ECUV1H391JCX | S.M.CAP | 50V  | 390pF  |
| C906  | ECUV1H151JCX | S.M.CAP | 50V   | 150pF  |   | C1528 | ECUV1H390JCX | S.M.CAP | 50V  | 39pF   |
| C908  | ECUV1H151JCX | S.M.CAP | 50V   | 150pF  |   | C1529 | ECUV1H221JCX | S.M.CAP | 50V  | 220pF  |
| C909  | ECKC2H472J   | CERAMIC | 500V  | 4.7nF  | ⚠ | C1531 | ECUV1H391JCX | S.M.CAP | 50V  | 390pF  |
| C910  | ECKC2H472J   | CERAMIC | 500V  | 4.7nF  | ⚠ | C1532 | ECUV1H151JCX | S.M.CAP | 50V  | 150pF  |
| C911  | ECUV1H151JCX | S.M.CAP | 50V   | 150pF  |   | C1533 | ECUV1H750JCX | S.M.CAP | 50V  | 75pF   |
| C912  | ECEA2EU220   | ELECT   | 250V  | 22mF   |   | C1534 | ECUV1H391JCX | S.M.CAP | 50V  | 390pF  |
| C913  | ECA1HM101GB  | ELECT   | 50V   | 100pF  |   | C1537 | ECA0JM102GB  | ELECT   | 6.3V | 1nF    |
| C914  | ECA1HM101GB  | ELECT   | 50V   | 100pF  |   | C1552 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C915  | ECA1CM471GB  | ELECT   | 16V   | 470pF  |   | C1554 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C916  | ECEA2EU220   | ELECT   | 250V  | 22mF   |   | C1555 | ECA0JM331GB  | ELECT   | 6.3V | 330pF  |
| C917  | ECA1HM100GB  | ELECT   | 50V   | 10pF   |   | C1556 | ECUV1H270JCX | S.M.CAP | 50V  | 27pF   |
| C918  | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   | C1557 | ECUV1H270JCX | S.M.CAP | 50V  | 27pF   |
| C919  | ECCR2H680J   | CERAMIC | 500V  | 68pF   |   | C1559 | ECUV1H103KBX | S.M.CAP | 50V  | 10nF   |
| C1051 | ECKC1H101J   | CERAMIC | 50V   | 100pF  |   | C1560 | ECUV1H103KBX | S.M.CAP | 50V  | 10nF   |
| C1052 | ECA1VM470B   | ELECT   | 35V   | 47pF   |   | C1561 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1053 | ECKC1H103JB  | CERAMIC | 50V   | 10nF   |   | C1562 | ECA0JM331GB  | ELECT   | 6.3V | 330pF  |
| C1102 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C1564 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1103 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C1575 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1104 | ECA0JM101G   | ELECT   | 6.3V  | 100pF  |   | C1576 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1105 | ECUV1H330JCX | S.M.CAP | 50V   | 33pF   |   | C1577 | ECA1CM470GB  | ELECT   | 16V  | 47mF   |
| C1106 | ECUV1H330JCX | S.M.CAP | 50V   | 33pF   |   | C1579 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1107 | ECUV1H391JCX | S.M.CAP | 50V   | 390pF  |   | C1580 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1108 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   | C1583 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1109 | ECUV1H472KBX | S.M.CAP | 50V   | 4.7nF  |   | C1584 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1110 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C1585 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1111 | ECUV1H101JCX | S.M.CAP | 50V   | 100pF  |   | C1586 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1112 | ECUV1H103ZFX | S.M.CAP | 50V   | 10nF   |   | C1588 | ECA1CM470GB  | ELECT   | 16V  | 47mF   |
| C1114 | ECUV1H102JCX | S.M.CAP | 50V   | 1nF    |   | C1590 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1115 | ECUV1H102JCX | S.M.CAP | 50V   | 1nF    |   | C1591 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |
| C1126 | ECUV1H104ZFX | S.M.CAP | 50V   | 100nF  |   | C1592 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF  |

|       |              |         |     |       |       |              |         |     |        |
|-------|--------------|---------|-----|-------|-------|--------------|---------|-----|--------|
| C1593 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2011 | ECUV1H102JCX | S.M.CAP | 50V | 1nF    |
| C1594 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2012 | ECUV1H102JCX | S.M.CAP | 50V | 1nF    |
| C1595 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2014 | ECQM1H334J   | FILM    | 50V | 330nF  |
| C1596 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2017 | ECA1CM100GB  | ELECT   | 16V | 10pF   |
| C1599 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2018 | ECA1CM100GB  | ELECT   | 16V | 10pF   |
| C1601 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2019 | ECA1HM101GB  | ELECT   | 50V | 100pF  |
| C1602 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2020 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
| C1603 | ECUV1H103KBX | S.M.CAP | 50V | 10nF  | C2021 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
| C1604 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2022 | ECA1HM3R3GB  | ELECT   | 50V | 3.3mF  |
| C1605 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2023 | ECUV1H471JCX | S.M.CAP | 50V | 470pF  |
| C1606 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2024 | ECUV1H471JCX | S.M.CAP | 50V | 470pF  |
| C1607 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2025 | ECUV1H221JCX | S.M.CAP | 50V | 220pF  |
| C1608 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2026 | ECUV1H221JCX | S.M.CAP | 50V | 220pF  |
| C1610 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2027 | ECUV1H221JCX | S.M.CAP | 50V | 220pF  |
| C1611 | ECUV1H103KBX | S.M.CAP | 50V | 10nF  | C2028 | ECUV1H221JCX | S.M.CAP | 50V | 220pF  |
| C1612 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2029 | ECUV1H221JCX | S.M.CAP | 50V | 220pF  |
| C1613 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2030 | ECUV1H221JCX | S.M.CAP | 50V | 220pF  |
| C1614 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2031 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
| C1615 | ECUV1H101JCX | S.M.CAP | 50V | 100pF | C2032 | ECA1CM100GB  | ELECT   | 16V | 10pF   |
| C1616 | ECUV1H152JCX | S.M.CAP | 50V | 1.5pF | C2034 | ECUV1H070DCX | S.M.CAP | 50V | 7pF    |
| C1617 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2035 | ECUV1H560JCX | S.M.CAP | 50V | 56pF   |
| C1618 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2036 | ECUV1H100DCX | S.M.CAP | 50V | 10pF   |
| C1619 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2037 | ECUV1H220JCX | S.M.CAP | 50V | 22pF   |
| C1620 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2039 | ECUV1H070DCX | S.M.CAP | 50V | 7pF    |
| C1621 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2040 | ECUV1H560JCX | S.M.CAP | 50V | 56pF   |
| C1622 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2041 | ECUV1H560JCX | S.M.CAP | 50V | 56pF   |
| C1625 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2042 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF  |
| C1641 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2043 | ECA1CM100GB  | ELECT   | 16V | 10pF   |
| C1642 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2044 | ECUV1H030CPX | S.M.CAP | 50V | 30pF   |
| C1670 | ECUV1H560JCX | S.M.CAP | 50V | 56pF  | C2045 | ECUV1H030CCX | S.M.CAP | 50V | 30pF   |
| C1701 | ECA1CM470GB  | ELCT    | 16V | 47mF  | C2050 | ECUV1H223ZFX | S.M.CAP | 50V | 22nF   |
| C1702 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2051 | ECUV1H223ZFX | S.M.CAP | 50V | 22nF   |
| C1703 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2052 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
| C1704 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2053 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
| C1705 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2054 | ECA1CM331B   | ELECT   | 16V | 330pF  |
| C1706 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2055 | ECA1CM331B   | ELECT   | 16V | 330pF  |
| C1707 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2058 | ECUV1H683ZFX | S.M.CAP | 50V | 68nF   |
| C1708 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2059 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
| C1709 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2060 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
| C1710 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2301 | ECQM1H474J   | FILM    | 50V | 470nF  |
| C1711 | ECUV1H103KBX | S.M.CAP | 50V | 10nF  | C2302 | ECUV1H224ZFX | S.M.CAP | 50V | 0.22mF |
| C1712 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2303 | ECUV1H101JCX | S.M.CAP | 50V | 100pF  |
| C1713 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2304 | ECEA1HN010UB | ELECT   | 50V | 1mF    |
| C1714 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2305 | ECA1HM220GB  | ELECT   | 50V | 22pF   |
| C1721 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2306 | ECUV1H223ZFX | S.M.CAP | 50V | 22nF   |
| C1722 | ECA1CM470GB  | ELECT   | 16V | 47mF  | C2307 | ECUV1H223ZFX | S.M.CAP | 50V | 22nF   |
| C1723 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2308 | ECA1HM010GB  | ELECT   | 50V | 1pF    |
| C1724 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2309 | ECUV1H393KBX | S.M.CAP | 50V | 39nF   |
| C1725 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2310 | ECUV1H393KBX | S.M.CAP | 50V | 39nF   |
| C1726 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2311 | ECA1HM101GB  | ELECT   | 50V | 100pF  |
| C1727 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2312 | ECUV1H393KBX | S.M.CAP | 50V | 39nF   |
| C1728 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2313 | ECUV1H393KBX | S.M.CAP | 50V | 39nF   |
| C1729 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2314 | ECA1HM100GB  | ELECT   | 50V | 10pF   |
| C1730 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2315 | ECUV1H562KBX | S.M.CAP | 50V | 5.6nF  |
| C1731 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2316 | ECA1HM010GB  | ELECT   | 50V | 1pF    |
| C1732 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2317 | ECA1HM010GB  | ELECT   | 50V | 1pF    |
| C1733 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2318 | ECUV1H050CCX | S.M.CAP | 50V | 5pF    |
| C1734 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2319 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF   |
| C1735 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2320 | ECUV1H102KBX | S.M.CAP | 50V | 1nF    |
| C1736 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2351 | ECA1HM101GB  | ELECT   | 50V | 100pF  |
| C1740 | ECUV1H102KBX | S.M.CAP | 50V | 1nF   | C2352 | ECA1CM471GB  | ELECT   | 16V | 470pF  |
| C2001 | ECA1CM100GB  | ELECT   | 16V | 10pF  | C2353 | ECA1HM4R7GB  | ELECT   | 50V | 4.7mF  |
| C2002 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2354 | ECKC1H102J   | CERAMIC | 50V | 1000pF |
| C2003 | ECUV1H104ZFX | S.M.CAP | 50V | 100nF | C2355 | ECA1HM4R7GB  | ELECT   | 50V | 4.7mF  |
| C2004 | ECUV1H102JCX | S.M.CAP | 50V | 1nF   | C2356 | ECKC1H103JB  | CERAMIC | 50V | 10nF   |
| C2005 | ECUV1H391JCX | S.M.CAP | 50V | 390pF | C2360 | ECKC1H103JB  | CERAMIC | 50V | 10nF   |
| C2006 | ECUV1H391JCX | S.M.CAP | 50V | 390pF | C2361 | ECA1HM101GB  | ELECT   | 50V | 100pF  |
| C2007 | ECUV1H102JCX | S.M.CAP | 50V | 1nF   | C2362 | ECA1CM471GB  | ELECT   | 16V | 470pF  |
| C2008 | ECUV1H102JCX | S.M.CAP | 50V | 1nF   | C2363 | ECA1HM4R7GB  | ELECT   | 50V | 4.7mF  |
| C2009 | ECUV1H102JCX | S.M.CAP | 50V | 1nF   | C2364 | ECKC1H102J   | CERAMIC | 50V | 1000pF |
| C2010 | ECUV1H102JCX | S.M.CAP | 50V | 1nF   | C2365 | ECA1HM4R7GB  | ELECT   | 50V | 4.7mF  |



|       |              |          |      |        |    |
|-------|--------------|----------|------|--------|----|
| C2366 | ECKC1H103JB  | CERAMIC  | 50V  | 10nF   |    |
| C3001 | ECKC1H561J   | CERAMIC  | 50V  | 560pF  |    |
| C3002 | ECKC1H561J   | CERAMIC  | 50V  | 560pF  |    |
| C3101 | ECEA1HN4R7UB | ELECT    | 50V  | 4.7mF  |    |
| C3102 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3103 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3107 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3108 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3111 | ECUV1H102JCX | S.M.CAP  | 50V  | 1nF    |    |
| C3113 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3114 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3115 | ECEA1HNR47UB | ELECT    | 50V  | 0.47mF |    |
| C3117 | ECEA1HN4R7UB | ELECT    | 50V  | 4.7mF  |    |
| C3119 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3120 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3123 | ECEA1HN4R7UB | ELECT    | 50V  | 4.7mF  |    |
| C3126 | ECEA1HN4R7UB | ELECT    | 50V  | 4.7mF  |    |
| C3128 | ECEA1HN4R7UB | ELECT    | 50V  | 4.7mF  |    |
| C3130 | ECEA1HN4R7UB | ELECT    | 50V  | 4.7mF  |    |
| C3131 | ECUV1H473KBX | S.M.CAP  | 50V  | 47nF   |    |
| C3132 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3133 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3134 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3136 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3137 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3138 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3139 | ECUV1H222JCX | S.M.CAP  | 50V  | 2.2nF  |    |
| C3140 | ECUV1H222JCX | S.M.CAP  | 50V  | 2.2nF  |    |
| C3144 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3145 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3147 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3148 | ECA1HM4R7GB  | ELECT    | 50V  | 4.7mF  |    |
| C3150 | ECA1HM4R7GB  | ELECT    | 50V  | 4.7mF  |    |
| C3152 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3154 | ECUV1H104ZFX | S.M.CAP  | 50V  | 100nF  |    |
| C3156 | ECA1CM470GB  | ELECT    | 16V  | 47mF   |    |
| C3158 | ECUV1H102JCX | S.M.CAP  | 50V  | 1nF    |    |
| C3160 | ECUV1H104ZFX | S.M.CAP  | 50V  | 100nF  |    |
| C3162 | ECA1CM471GB  | ELECT    | 16V  | 470pF  |    |
| C3163 | ECA1HMR47GB  | ELECT    | 50V  | 0.47mF |    |
| C3165 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3167 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3168 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3169 | ECUV1H102JCX | S.M.CAP  | 50V  | 1nF    |    |
| C3173 | ECA1HMR47GB  | ELECT    | 50V  | 0.47mF |    |
| C3175 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3177 | ECUV1H561JCX | S.M.CAP  | 50V  | 560pF  |    |
| C3180 | ECA1HMR47GB  | ELECT    | 50V  | 0.47mF |    |
| C3181 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5%     | 0W |
| C3182 | ECUV1H102JCX | S.M.CAP  | 50V  | 1nF    |    |
| C3183 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5%     | 0W |
| C3184 | ECUV1H473KBX | S.M.CAP  | 50V  | 47nF   |    |
| C3185 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5%     | 0W |
| C3186 | ECEA1HNR47UB | ELECT    | 50V  | 0.47mF |    |
| C3187 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3188 | ECEA1CN470   | ELECT    | 16V  | 47mF   |    |
| C3190 | ECA1HMR47GB  | ELECT    | 50V  | 0.47mF |    |
| C3191 | ECA1HM470GB  | ELECT    | 50V  | 47mF   |    |
| C3192 | ECUV1H473KBX | S.M.CAP  | 50V  | 47nF   |    |
| C3201 | ECA1HM010GB  | ELECT    | 50V  | 1pF    |    |
| C3202 | ECUV1H473ZFX | S.M.CAP  | 50V  | 47nF   |    |
| C3203 | ECA1CM100GB  | ELECT    | 16V  | 10pF   |    |
| C3204 | ECUV1H473ZFX | S.M.CAP  | 50V  | 47nF   |    |
| C3351 | ECA1HM101GB  | ELECT    | 50V  | 100pF  |    |
| C3501 | ECUV1H220JCX | S.M.CAP  | 50V  | 22pF   |    |
| C3502 | ECUV1H220JCX | S.M.CAP  | 50V  | 22pF   |    |
| C3503 | ECEA1HKN010  | ELECT    | 50V  | 1mF    |    |
| C3504 | ECUV1H224ZFX | S.M.CAP  | 50V  | 0.22mF |    |
| C3510 | ECUV1H103ZFX | S.M.CAP  | 50V  | 10nF   |    |
| C3511 | ECA1HM101GB  | ELECT    | 50V  | 100pF  |    |
| C3512 | ECUV1H104ZFX | S.M.CAP  | 50V  | 100nF  |    |

|       |              |         |      |       |
|-------|--------------|---------|------|-------|
| C3514 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF |
| C3515 | ECA0JM331GB  | ELECT   | 6.3V | 330pF |
| C3516 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF |
| C3521 | ECA1HM101GB  | ELECT   | 50V  | 100pF |
| C3522 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF |
| C3801 | ECA1HM010GB  | ELECT   | 50V  | 1pF   |
| C3802 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF |
| C3803 | ECA1CM471GB  | ELECT   | 16V  | 470pF |
| C3807 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF |
| C3808 | ECUV1H104ZFX | S.M.CAP | 50V  | 100nF |
| C3809 | ECA0JM101G   | ELECT   | 6.3V | 100pF |
| C3810 | ECUV1H103KBX | S.M.CAP | 50V  | 10nF  |
| C3812 | ECA1CM221GB  | ELECT   | 16V  | 220pF |

## DIODES

|      |              |          |     |    |     |
|------|--------------|----------|-----|----|-----|
| D001 | MA4020       | DIODE    |     |    |     |
| D002 | MA4020       | DIODE    |     |    |     |
| D103 | BA582        | DIODE    |     |    |     |
| D104 | BA582        | DIODE    |     |    |     |
| D251 | MA165TA5     | DIODE    |     |    |     |
| D252 | MA165TA5     | DIODE    |     |    |     |
| D253 | MA165TA5     | DIODE    |     |    |     |
| D254 | MA165TA5     | DIODE    |     |    |     |
| D351 | ERA15-04V3   | COIL     |     |    |     |
| D352 | ERA15-04V3   | COIL     |     |    |     |
| D361 | ERA15-04V3   | COIL     |     |    |     |
| D362 | ERA15-04V3   | COIL     |     |    |     |
| D371 | ERA15-04V3   | COIL     |     |    |     |
| D372 | ERA15-04V3   | COIL     |     |    |     |
| D387 | MA2160LFS    | DIODE    |     |    |     |
| D401 | MA167TA5     | DIODE    |     |    |     |
| D451 | MA4056       | DIODE    |     |    |     |
| D452 | MA2330-ALF   | DIODE    |     |    |     |
| D453 | TVSEM01ZV0   | DIODE    |     |    |     |
| D502 | 1SS254T-77   | DIODE    |     |    |     |
| D503 | EU02         | DIODE    |     |    |     |
| D504 | EU02         | DIODE    |     |    |     |
| D531 | 1SS254T-77   | DIODE    |     |    |     |
| D532 | 1SS254T-77   | DIODE    |     |    |     |
| D533 | 1SS254T-77   | DIODE    |     |    |     |
| D551 | EU02         | DIODE    |     |    |     |
| D556 | AU02V0       | DIODE    |     |    |     |
| D558 | AU02V0       | DIODE    |     |    |     |
| D559 | MTZJT-7736A  | DIODE    |     |    |     |
| D560 | 1SS252T-77   | DIODE    |     |    |     |
| D561 | 1SS254T-77   | DIODE    |     |    |     |
| D562 | ERB0615      | DIODE    |     |    |     |
| D571 | FMV-3GULF027 | DIODE    |     |    |     |
| D574 | 1SS252T-77   | DIODE    |     |    |     |
| D575 | 1SS252T-77   | DIODE    |     |    |     |
| D602 | MA165TA5     | DIODE    |     |    |     |
| D603 | MA165TA5     | DIODE    |     |    |     |
| D604 | MA4062       | DIODE    |     |    |     |
| D706 | MA165TA5     | DIODE    |     |    |     |
| D707 | MA188TA      | DIODE    |     |    |     |
| D803 | MTZJT-7711C  | DIODE    |     |    |     |
| D806 | TF361MALF3   | DIODE    |     |    |     |
| D807 | RBV-608LF-B  | DIODE    |     |    |     |
| D808 | 1SS254T-77   | DIODE    |     |    |     |
| D809 | ERA22-02V3   | DIODE    |     |    |     |
| D810 | MA2160LFS    | DIODE    |     |    |     |
| D812 | MTZJT-775.6B | DIODE    |     |    |     |
| D813 | MA700TA5     | DIODE    |     |    |     |
| D814 | AU01ZV0      | DIODE    |     |    |     |
| D815 | PC123FY2     | DIODE    |     |    |     |
| D817 | D5L60F4015   | DIODE    |     |    |     |
| D818 | TMPG10G3     | DIODE    |     |    |     |
| D819 | ERA81004V3   | RESISTOR | 81W | 5% | 4KW |
| D820 | MA4100       | DIODE    |     |    |     |

|       |              |          |     |    |     |  |
|-------|--------------|----------|-----|----|-----|--|
| D821  | EU02AV0      | DIODE    |     |    |     |  |
| D822  | MTZJT-7718C  | DIODE    |     |    |     |  |
| D845  | 1SS254T-77   | DIODE    |     |    |     |  |
| D846  | TVSS1WBS20   | DIODE    |     |    |     |  |
| D847  | ERA15-01V1   | DIODE    |     |    |     |  |
| D848  | ERB32-02E    | DIODE    |     |    |     |  |
| D849  | FMGG26S      | DIODE    |     |    |     |  |
| D850  | EU02         | DIODE    |     |    |     |  |
| D851  | FMGG2CS      | DIODE    |     |    |     |  |
| D852  | MA4091       | DIODE    |     |    |     |  |
| D853  | 1SS254T-77   | DIODE    |     |    |     |  |
| D854  | 1SS254T-77   | DIODE    |     |    |     |  |
| D855  | D10SC6MRL    | DIODE    |     |    |     |  |
| D857  | FML22SLF610  | DIODE    |     |    |     |  |
| D860  | 1SS254T-77   | DIODE    |     |    |     |  |
| D861  | MTZJT-7713B  | DIODE    |     |    |     |  |
| D901  | 1SS254T-77   | DIODE    |     |    |     |  |
| D902  | 1SS254T-77   | DIODE    |     |    |     |  |
| D903  | 1SS254T-77   | DIODE    |     |    |     |  |
| D1051 | LN81RPHL     | DIODE    |     |    |     |  |
| D1052 | AU01V0       | DIODE    |     |    |     |  |
| D1053 | AU01V0       | DIODE    |     |    |     |  |
| D1054 | AU01V0       | DIODE    |     |    |     |  |
| D1055 | AU01V0       | DIODE    |     |    |     |  |
| D1056 | AU01V0       | DIODE    |     |    |     |  |
| D1057 | AU01V0       | DIODE    |     |    |     |  |
| D1102 | MA4051       | DIODE    |     |    |     |  |
| D1107 | MTZJT-775.6A | DIODE    |     |    |     |  |
| D1108 | 1SS254T-77   | DIODE    |     |    |     |  |
| D1109 | 1SS254T-77   | DIODE    |     |    |     |  |
| D1113 | MA4051       | DIODE    |     |    |     |  |
| D1552 | RLS72TE-11   | DIODE    |     |    |     |  |
| D2005 | MA723TA5     | DIODE    |     |    |     |  |
| D2006 | MA723TA5     | DIODE    |     |    |     |  |
| D2301 | MA165TA5     | DIODE    |     |    |     |  |
| D2302 | MA165TA5     | DIODE    |     |    |     |  |
| D2303 | MA165TA5     | DIODE    |     |    |     |  |
| D2304 | MA165TA5     | DIODE    |     |    |     |  |
| D3101 | PMLL5242B    | DIODE    |     |    |     |  |
| D3102 | PMLL5242B    | DIODE    |     |    |     |  |
| D3103 | PMLL5242B    | DIODE    |     |    |     |  |
| D3105 | PMLL5242B    | DIODE    |     |    |     |  |
| D3107 | PMLL5242B    | DIODE    |     |    |     |  |
| D3109 | PMLL5242B    | DIODE    |     |    |     |  |
| D3110 | PMLL5242B    | DIODE    |     |    |     |  |
| D3111 | PMLL5242B    | DIODE    |     |    |     |  |
| D3112 | PMLL5242B    | DIODE    |     |    |     |  |
| D3115 | PMLL5242B    | DIODE    |     |    |     |  |
| D3117 | PMLL5242B    | DIODE    |     |    |     |  |
| D3120 | RLS72TE-11   | DIODE    |     |    |     |  |
| D3351 | 1SS254T-77   | DIODE    |     |    |     |  |
| D3501 | MA4030       | DIODE    |     |    |     |  |
| D3801 | MA4043       | DIODE    |     |    |     |  |
| D3802 | MA4075       | DIODE    |     |    |     |  |
| D3803 | ERA81004V3   | RESISTOR | 81W | 5% | 4KW |  |
| D3805 | MA4091       | DIODE    |     |    |     |  |
| D3806 | MA165TA5     | DIODE    |     |    |     |  |
| D3807 | MA165TA5     | DIODE    |     |    |     |  |

## FUSES

|       |             |             |   |
|-------|-------------|-------------|---|
| F532  | TR5-T1250   | FUSE        | ⚠ |
| F801  | XBA2C50TH15 | FUSE        |   |
| F845  | TR5-T2000   | FUSE        | ⚠ |
| F846  | TR5-T1250   | FUSE        | ⚠ |
| F8011 | EYF52BC     | FUSE HOLDER |   |
| F8012 | EYF52BC     | FUSE HOLDER |   |

## INTEGRATED CIRCUITS

|        |              |                    |
|--------|--------------|--------------------|
| IC101  | TDA9814TV3   | VIF                |
| IC1051 | RPM-637CBRS1 | LED RECEIVER       |
| IC1101 | SDA30C164-2  | MICRO PROCESSOR    |
| IC1102 | S-80745AL-Z  | RESET              |
| IC1103 | MN1280R      | RESET              |
| IC1301 | SAA4961      | COMB FILTER        |
| IC1551 | SN74F04DR    | CLOCK              |
| IC1552 | SDA9257      | CLOCK GENERATOR    |
| IC1581 | SDA9205-2GEG | A/D CONVERTER      |
| IC1601 | UPD93213GF   | DFU                |
| IC1602 | SDA9280GEG   | VISUAL PROCESSOR   |
| IC1701 | MB87D202A    | VIDEO PROCESSOR    |
| IC1721 | SDA9251-2XGE | RAM                |
| IC1722 | SDA9251-2XGE | RAM                |
| IC1723 | SDA9251-2XGE | RAM                |
| IC1724 | SDA9251-2XGE | RAM                |
| IC1725 | SDA9251-2XGE | RAM                |
| IC1726 | SDA9251-2XGE | RAM                |
| IC1727 | SDA9251-2XGE | RAM                |
| IC2001 | MSP3410BPpF7 | AUDIO PROCESSOR    |
| IC2302 | BA15218      | DIODE              |
| IC3101 | TEA6420      | AUDIO SWITCH       |
| IC3102 | TEA6415C     | VIDEO SWITCH       |
| IC3501 | SDA5273S     | MEGA TEXT          |
| IC3502 | M514256B70RS | DRAM               |
| IC351  | TDA6111      | RGB OUTPUT         |
| IC361  | TDA6111      | RGB OUTPUT         |
| IC371  | TDA6111      | RGB OUTPUT         |
| IC3804 | AN7809FLB    | 9V REGULATOR       |
| IC3805 | AN78L08TA    | 8V REGULATOR       |
| IC401  | TDA9151-B    | DEFLECTION CONTROL |
| IC601  | TDA9143-N1   | COLOUR DECODER     |
| IC602  | TDA4665-V4   | DELAY LINE         |
| IC603  | TDA4780      | RGB VIDEOPROCESSOR |
| IC845  | SE140N       | ERROR AMPLIFIER    |
| IC851  | TL431ACLPM   | COIL               |
| IC852  | TL431ACLPM   | COIL               |

## TERMINALS AND LINKS

|        |             |              |      |    |    |
|--------|-------------|--------------|------|----|----|
| JA2    | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JA3    | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JA5    | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JA6    | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JA7    | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JA8    | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JA9    | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JK3001 | TJB16656    | A.V.TERMINAL |      |    |    |
| JSB3   | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE010 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE011 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE012 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE015 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE022 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE023 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE024 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE025 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE028 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE042 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE050 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE056 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE057 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE058 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE062 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE064 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSE09  | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSF001 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSF002 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSF004 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |
| JSF005 | ERJ6GEY0R00 | S.M.CARB     | 0.1W | 5% | 0W |

|        |             |          |      |    |    |
|--------|-------------|----------|------|----|----|
| J5F015 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F026 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F038 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F041 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F046 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F049 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F050 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F054 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F056 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F059 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F061 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5F062 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5H004 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5H005 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5H01  | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5H010 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |
| J5H02  | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W |

## COILS

|        |              |            |       |    |    |
|--------|--------------|------------|-------|----|----|
| LC1503 | ELKTR391CA   | DELAY LINE |       |    |    |
| LC1507 | EXCEMT103DTM | COIL       |       |    |    |
| LC1508 | EXCEMT103DTM | COIL       |       |    |    |
| LC1509 | EXCEMT103DTM | COIL       |       |    |    |
| LC1510 | EXCEMT103DTM | COIL       |       |    |    |
| LC1601 | ELKTR391CA   | DELAY LINE |       |    |    |
| LC1602 | ELKTR391CA   | DELAY LINE |       |    |    |
| LC1603 | ELKTR391CA   | DELAY LINE |       |    |    |
| LC1606 | ELKTR391CA   | DELAY LINE |       |    |    |
| LC1607 | ELKTR391CA   | DELAY LINE |       |    |    |
| LC1609 | ELKTR560BA   | DELAY LINE |       |    |    |
| L002   | TLT047K991R  | COIL       |       |    |    |
| L004   | TLT047K991R  | COIL       |       |    |    |
| L005   | TLT047K991R  | COIL       |       |    |    |
| L102   | TLT056K991R  | COIL       |       |    |    |
| L103   | EQV7EN203B   | COIL       |       |    |    |
| L105   | ELESNR22MA   | COIL       |       |    |    |
| L107   | ELESNR22MA   | COIL       |       |    |    |
| L108   | ELESNR22MA   | COIL       |       |    |    |
| L109   | EIL7EN015Q   | COIL       |       |    |    |
| L110   | EQL7EN022Q   | COIL       |       |    |    |
| L113   | EIL7EN015Q   | COIL       |       |    |    |
| L252   | EXCELSA35T   | COIL       |       |    |    |
| L253   | EXCELSA35T   | COIL       |       |    |    |
| L254   | EXCELSA35T   | COIL       |       |    |    |
| L255   | EXCELSA35T   | COIL       |       |    |    |
| L351   | SDL5000      | DELAY LINE |       |    |    |
| L352   | EXCELD35V    | COIL       |       |    |    |
| L353   | TLT150K991R  | COIL       |       |    |    |
| L361   | SDL5000      | DELAY LINE |       |    |    |
| L362   | EXCELD35V    | COIL       |       |    |    |
| L363   | TLT150K991R  | COIL       |       |    |    |
| L371   | SDL5000      | DELAY LINE |       |    |    |
| L372   | EXCELD35V    | COIL       |       |    |    |
| L373   | TLT150K991R  | COIL       |       |    |    |
| L381   | TLT220K991R  | COIL       |       |    |    |
| L401   | EXCELD35V    | COIL       |       |    |    |
| L402   | EXCELD35V    | COIL       |       |    |    |
| L451   | EXCELD35V    | COIL       |       |    |    |
| L552   | EXCELSA35T   | COIL       |       |    |    |
| L553   | EXCELSA35T   | COIL       |       |    |    |
| L554   | EXCELD35V    | COIL       |       |    |    |
| L555   | EXCELD35C    | COIL       |       |    |    |
| L572   | ELHKL8025B   | COIL       |       |    |    |
| L573   | ELHKL8026B   | COIL       |       |    |    |
| L575   | ELC18B271E   | COIL       |       |    |    |
| L601   | TLT047K991R  | COIL       |       |    |    |
| L602   | TLT047K991R  | COIL       |       |    |    |
| L603   | TLT047K991R  | COIL       |       |    |    |
| L605   | ERD25TC0T    | CARBON     | 0.25W | 5% | 0W |

|       |             |        |       |    |    |
|-------|-------------|--------|-------|----|----|
| L801  | ELF18D486D  | COIL   |       |    |    |
| L802  | ELF18D486D  | COIL   |       |    |    |
| L807  | ELF18D856A  | COIL   |       |    |    |
| L808  | EXCELSA35T  | COIL   |       |    |    |
| L809  | EXCELD35C   | COIL   |       |    |    |
| L810  | EXCELSA39V  | COIL   |       |    |    |
| L811  | EXCELSA39V  | COIL   |       |    |    |
| L812  | EXCELD35V   | COIL   |       |    |    |
| L813  | EXCELD35V   | COIL   |       |    |    |
| L817  | EXCELD35V   | COIL   |       |    |    |
| L845  | EXCELSA35T  | COIL   |       |    |    |
| L847  | EXCELSA35B  | COIL   |       |    |    |
| L848  | EXCELSA35T  | COIL   |       |    |    |
| L850  | EXCELSA35T  | COIL   |       |    |    |
| L851  | EXCELSA35B  | COIL   |       |    |    |
| L852  | EXCELSA35T  | COIL   |       |    |    |
| L853  | EXCELSA35T  | COIL   |       |    |    |
| L854  | ELEIE150KA  | COIL   |       |    |    |
| L856  | EXCELSA35T  | COIL   |       |    |    |
| L861  | EXCELSA35T  | COIL   |       |    |    |
| L862  | EXCELSA35T  | COIL   |       |    |    |
| L1102 | EXCELD35V   | COIL   |       |    |    |
| L1103 | EXCELD35V   | COIL   |       |    |    |
| L1104 | EXCELSA35T  | COIL   |       |    |    |
| L1105 | ELEXT4R7KA  | COIL   |       |    |    |
| L1301 | TLT330K991R | COIL   |       |    |    |
| L1302 | TLT100K991R | COIL   |       |    |    |
| L1303 | TLT101K991R | COIL   |       |    |    |
| L1304 | TLT100K991R | COIL   |       |    |    |
| L1306 | TLT101K991R | COIL   |       |    |    |
| L1307 | ERD25TC0T   | CARBON | 0.25W | 5% | 0W |
| L1501 | EXCELD35V   | COIL   |       |    |    |
| L1502 | TLT033K991R | COIL   |       |    |    |
| L1503 | TLT033K991R | COIL   |       |    |    |
| L1504 | TLT033K991R | COIL   |       |    |    |
| L1552 | EXCELD35V   | COIL   |       |    |    |
| L1553 | EXCELD35V   | COIL   |       |    |    |
| L1575 | EXCELD35V   | COIL   |       |    |    |
| L1576 | EXCELD35V   | COIL   |       |    |    |
| L1601 | EXCELD35V   | COIL   |       |    |    |
| L1602 | EXCELD35V   | COIL   |       |    |    |
| L1603 | TLT100K991R | COIL   |       |    |    |
| L1604 | TLT100K991R | COIL   |       |    |    |
| L1605 | TLT100K991R | COIL   |       |    |    |
| L1606 | TLT100K991R | COIL   |       |    |    |
| L1607 | EXCELD35V   | COIL   |       |    |    |
| L1641 | EXCELD35V   | COIL   |       |    |    |
| L1701 | EXCELD35V   | COIL   |       |    |    |
| L1721 | EXCELD35V   | COIL   |       |    |    |
| L1722 | EXCELD35V   | COIL   |       |    |    |
| L2001 | TLT047K991R | COIL   |       |    |    |
| L2002 | TLT100K991R | COIL   |       |    |    |
| L2003 | EXCELD35V   | COIL   |       |    |    |
| L2004 | TLT068K991R | COIL   |       |    |    |
| L2005 | TLT068K991R | COIL   |       |    |    |
| L2303 | EXCELD35V   | COIL   |       |    |    |
| L2319 | TLS159054E  | COIL   |       |    |    |
| L2320 | TLS159054E  | COIL   |       |    |    |
| L2351 | ELEBR6R8KA  | COIL   |       |    |    |
| L2361 | ELEBR6R8KA  | COIL   |       |    |    |
| L3001 | ELEBR6R8KA  | COIL   |       |    |    |
| L3002 | ELEBR6R8KA  | COIL   |       |    |    |
| L3003 | ELEBR470KA  | COIL   |       |    |    |
| L3107 | ELEMV1R5MA  | COIL   |       |    |    |
| L3108 | ELEMV1R5MA  | COIL   |       |    |    |
| L3109 | ELEMV1R5MA  | COIL   |       |    |    |
| L3110 | ELEMV1R5MA  | COIL   |       |    |    |
| L3111 | ELEMV1R5MA  | COIL   |       |    |    |
| L3112 | ELEMV1R5MA  | COIL   |       |    |    |
| L3113 | ELEMV1R5MA  | COIL   |       |    |    |
| L3114 | ELEMV1R5MA  | COIL   |       |    |    |

L3503 EXCELD35V COIL  
L3507 EXCELD35V COIL  
L3509 EXCELD35V COIL  
L3511 TLT100K991R COIL

TRANSISTORS

Q008 BC847B TRANSISTOR  
Q101 BC847B TRANSISTOR  
Q102 BC847B TRANSISTOR  
Q103 BC847B TRANSISTOR  
Q104 BC847B TRANSISTOR  
Q105 BC847B TRANSISTOR  
Q106 BF799E6327 CHIP TRANSISTOR  
Q107 BC847B TRANSISTOR  
Q108 BC847B TRANSISTOR  
Q109 BC860B TRANSISTOR  
Q251 BC847B TRANSISTOR  
Q252 BC847B TRANSISTOR  
Q401 BC847B TRANSISTOR  
Q502 2SC2925STA TRANSISTOR  
Q531 BC547B TRANSISTOR  
Q532 BC547B TRANSISTOR  
Q533 BC547B TRANSISTOR  
Q535 BC547B TRANSISTOR  
Q551 BC547B TRANSISTOR  
Q552 2SC5144LBMA1 TRANSISTOR  
Q553 2SC1473-RN TRANSISTOR  
Q554 2SC1473-RN TRANSISTOR  
Q573 BC557B TRANSISTOR  
Q574 2SD1265AOPLB TRANSISTOR  
Q601 BC847B TRANSISTOR  
Q602 BC857B TRANSISTOR  
Q603 BC847B TRANSISTOR  
Q604 BC857B TRANSISTOR  
Q605 BC857B TRANSISTOR  
Q607 BC847B TRANSISTOR  
Q608 BC847B TRANSISTOR  
Q609 BC847B TRANSISTOR  
Q610 BC847B TRANSISTOR  
Q611 BC847B TRANSISTOR  
Q612 BC847B TRANSISTOR  
Q801 2SK1489MAT TRANSISTOR  
Q803 2SD965-R TRANSISTOR  
Q804 2SA719-TA TRANSISTOR  
Q845 2SA684R TRANSISTOR  
Q846 BC547B TRANSISTOR  
Q847 BC557B TRANSISTOR  
Q848 BC547B TRANSISTOR  
Q849 2SA1018QTA TRANSISTOR  
Q850 2SD1474PLB TRANSISTOR  
Q851 BC547B TRANSISTOR  
Q852 BC547B TRANSISTOR  
Q901 BC847B TRANSISTOR  
Q902 BC847B TRANSISTOR  
Q903 BC847B TRANSISTOR  
Q904 BC857B TRANSISTOR  
Q905 BC847B TRANSISTOR  
Q906 BC847B TRANSISTOR  
Q907 BC857B TRANSISTOR  
Q908 2SA1535ARLB TRANSISTOR  
Q909 2SC3944ARLB TRANSISTOR  
Q1052 BC557B TRANSISTOR  
Q1101 BC847B TRANSISTOR  
Q1102 BC847B TRANSISTOR  
Q1103 BC847B TRANSISTOR  
Q1108 BC847B TRANSISTOR  
Q1112 2SC3757QRTX TRANSISTOR  
Q1191 BC847B TRANSISTOR  
Q1301 BC847B TRANSISTOR

Q1303 BC847B TRANSISTOR  
Q1304 BC847B TRANSISTOR  
Q1501 BC847B TRANSISTOR  
Q1502 BC847B TRANSISTOR  
Q1503 BC847B TRANSISTOR  
Q1575 BC847B TRANSISTOR  
Q1642 BC847B TRANSISTOR  
Q1643 BC847B TRANSISTOR  
Q1644 BC857B TRANSISTOR  
Q1647 BC847B TRANSISTOR  
Q1648 BC857B TRANSISTOR  
Q1649 BC857B TRANSISTOR  
Q2001 BC860B TRANSISTOR  
Q2002 BC860B TRANSISTOR  
Q2003 BC860B TRANSISTOR  
Q2004 BC860B TRANSISTOR  
Q2006 BC857B TRANSISTOR  
Q2007 BC847B TRANSISTOR  
Q2301 BC847B TRANSISTOR  
Q2302 BC857B TRANSISTOR  
Q2351 BC547B TRANSISTOR  
Q2352 BC547B TRANSISTOR  
Q2353 BC557B TRANSISTOR  
Q2361 BC547B TRANSISTOR  
Q2362 BC547B TRANSISTOR  
Q2363 BC557B TRANSISTOR  
Q3101 BC847B TRANSISTOR  
Q3102 BC847B TRANSISTOR  
Q3105 BC847B TRANSISTOR  
Q3106 BC847B TRANSISTOR  
Q3107 BC857B TRANSISTOR  
Q3108 BC847B TRANSISTOR  
Q3113 BC847B TRANSISTOR  
Q3115 BC857B TRANSISTOR  
Q3201 BC847B TRANSISTOR  
Q3351 BC847B TRANSISTOR  
Q3352 BC857B TRANSISTOR  
Q3501 BC847B TRANSISTOR  
Q3502 BC847B TRANSISTOR  
Q3503 2SC3130TX TRANSISTOR

RESISTOR

RL806 TSE1885-1 TRANSISTOR  
R003 ERJ6GEYJ223 S.M.CARB 0.1W 5% 22KW  
R006 ERJ6GEYJ393 S.M.CARB 0.1W 5% 39KW  
R011 ERJ6GEYJ101 S.M.CARB 0.1W 5% 100W  
R012 ERJ6GEYJ101 S.M.CARB 0.1W 5% 100W  
R101 ERJ6GEYJ102 S.M.CARB 0.1W 5% 1KW  
R102 ERJ6GEYJ101 S.M.CARB 0.1W 5% 100W  
R103 ERJ6GEYJ103 S.M.CARB 0.1W 5% 10KW  
R104 ERJ6GEY0R00 S.M.CARB 0.1W 5% 0W  
R105 ERJ6GEYJ331 S.M.CARB 0.1W 5% 330W  
R106 ERJ6GEYJ680 S.M.CARB 0.1W 5% 68W  
R107 ERJ6GEYJ123 S.M.CARB 0.1W 5% 12KW  
R109 ERJ6GEYJ102 S.M.CARB 0.1W 5% 1KW  
R110 ERJ6GEYJ103 S.M.CARB 0.1W 5% 10KW  
R111 ERJ6GEYJ331 S.M.CARB 0.1W 5% 330W  
R113 ERJ6GEY0R00 S.M.CARB 0.1W 5% 0W  
R115 ERJ6GEYJ121 S.M.CARB 0.1W 5% 120W  
R117 ERJ6GEYJ683 S.M.CARB 0.1W 5% 68KW  
R118 ERJ6GEYJ151 S.M.CARB 0.1W 5% 150W  
R119 ERJ6GEY0R00 S.M.CARB 0.1W 5% 0W  
R120 ERJ6GEYJ223 S.M.CARB 0.1W 5% 22KW  
R121 ERJ6GEYJ331 S.M.CARB 0.1W 5% 330W  
R122 EVNDXAA03B24 CONTROL 20KW  
R123 ERJ6GEYJ104 S.M.CARB 0.1W 5% 100KW  
R124 ERJ6GEYJ223 S.M.CARB 0.1W 5% 22KW  
R125 ERJ6GEYJ101 S.M.CARB 0.1W 5% 100W  
R126 ERJ6GEYJ223 S.M.CARB 0.1W 5% 22KW

|      |             |          |        |    |       |      |              |          |       |    |       |   |
|------|-------------|----------|--------|----|-------|------|--------------|----------|-------|----|-------|---|
| R127 | ERJ6GEYJ473 | S.M.CARB | 0.1W   | 5% | 47KW  | R378 | ERDS1TJ821   | CARBON   | 0.5W  | 5% | 820W  |   |
| R128 | ERJ6GEYJ181 | S.M.CARB | 0.1W   | 5% | 180W  | R379 | ERJ6GEY0R00  | S.M.CARB | 0.1W  | 5% | 0W    |   |
| R130 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W    | R380 | ERJ6GEYJ222  | S.M.CARB | 0.1W  | 5% | 2K2W  |   |
| R132 | ERJ6GEYJ122 | S.M.CARB | 0.1W   | 5% | 1K2W  | R381 | ERJ6GEYJ561  | S.M.CARB | 0.1W  | 5% | 560W  |   |
| R133 | ERJ6GEYJ122 | S.M.CARB | 0.1W   | 5% | 1K2W  | R383 | ERJ6GEYJ562  | S.M.CARB | 0.1W  | 5% | 5K6W  |   |
| R134 | ERJ6GEYJ103 | S.M.CARB | 0.1W   | 5% | 10KW  | R384 | ERQ12HJ101   | FUSIBLE  | 0.5W  | 5% | 100W  | ▲ |
| R135 | ERJ6GEYJ103 | S.M.CARB | 0.1W   | 5% | 10KW  | R390 | ERDS1TJ184   | CARBON   | 0.5W  | 5% | 180K  |   |
| R136 | ERJ6GEYJ122 | S.M.CARB | 0.1W   | 5% | 1K2W  | R401 | ERJ6GEYJ153  | S.M.CARB | 0.1W  | 5% | 15KW  |   |
| R137 | ERJ6GEYJ104 | S.M.CARB | 0.1W   | 5% | 100KW | R402 | ERJ6GEYJ332  | S.M.CARB | 0.1W  | 5% | 3K3W  |   |
| R138 | ERJ6GEYJ122 | S.M.CARB | 0.1W   | 5% | 1K2W  | R403 | ERJ6GEYJ392  | S.M.CARB | 0.1W  | 5% | 3K9W  |   |
| R139 | ERJ6GEYJ154 | S.M.CARB | 0.1W   | 5% | 150KW | R406 | ERJ6GEYJ393  | S.M.CARB | 0.1W  | 5% | 39KW  |   |
| R141 | ERJ6GEYJ330 | S.M.CARB | 0.1W   | 5% | 33W   | R407 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |   |
| R142 | ERJ6GEYJ271 | S.M.CARB | 0.1W   | 5% | 270W  | R408 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |   |
| R143 | ERJ6GEYJ123 | S.M.CARB | 0.1W   | 5% | 12KW  | R409 | ERJ6GEYJ102  | S.M.CARB | 0.1W  | 5% | 1KW   |   |
| R144 | ERJ6GEYJ152 | S.M.CARB | 0.1W   | 5% | 1K5W  | R410 | ERJ6GEYJ100  | S.M.CARB | 0.1W  | 5% | 10W   |   |
| R145 | ERJ6GEYJ331 | S.M.CARB | 0.1W   | 5% | 330W  | R411 | ERJ6GEYJ123  | S.M.CARB | 0.1W  | 5% | 12KW  |   |
| R146 | ERJ6GEYJ104 | S.M.CARB | 0.1W   | 5% | 100KW | R412 | ERJ6GEYJ103  | S.M.CARB | 0.1W  | 5% | 10KW  |   |
| R147 | ERJ6GEYJ122 | S.M.CARB | 0.1W   | 5% | 1K2W  | R451 | ERJ6GEYJ302  | S.M.CARB | 0.1W  | 5% | 3KW   |   |
| R148 | ERJ6GEYJ183 | S.M.CARB | 0.1W   | 5% | 18KW  | R452 | ERJ6GEYJ563  | S.M.CARB | 0.1W  | 5% | 56KW  |   |
| R149 | ERJ6GEYJ682 | S.M.CARB | 0.1W   | 5% | 6K8W  | R453 | ERG2FJ820    | METAL    | 2W    | 5% | 82W   | ▲ |
| R150 | ERJ6GEYJ221 | S.M.CARB | 0.1W   | 5% | 220W  | R454 | ERX12SJR82P  | RESISTOR | 12W   | 5% | R82W  |   |
| R151 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W  | R455 | ERX12SJR82P  | RESISTOR | 12W   | 5% | R82W  |   |
| R152 | ERJ6GEYJ103 | S.M.CARB | 0.1W   | 5% | 10KW  | R456 | ERDS1TJ220   | CARBON   | 0.5W  | 5% | 22W   |   |
| R154 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W    | R457 | ERDS1TJ223   | CARBON   | 0.5W  | 5% | 22KW  |   |
| R156 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W    | R458 | ERG1SJ272    | METAL    | 1W    | 5% | 2.7KW | ▲ |
| R157 | ERJ6GEYJ101 | S.M.CARB | 0.1W   | 5% | 100W  | R459 | ERJ6GEYJ393  | S.M.CARB | 0.1W  | 5% | 39KW  |   |
| R159 | ERJ6GEYJ153 | S.M.CARB | 0.1W   | 5% | 15KW  | R504 | ERD25TJ271   | CARBON   | 0.25W | 5% | 270W  |   |
| R251 | ERJ6GEYJ2R2 | SM.CARB  | 0.125W | 5% | 2R2W  | R505 | ERG3SJS330   | METAL    | 3W    | 5% | 33W   | ▲ |
| R252 | ERJ6GEYJ153 | S.M.CARB | 0.1W   | 5% | 15KW  | R506 | ERDS1TJ152   | CARBON   | 0.5W  | 5% | 1K5W  |   |
| R253 | ERJ6GEYJ123 | S.M.CARB | 0.1W   | 5% | 12KW  | R507 | ERDS1TJ152   | CARBON   | 0.5W  | 5% | 1K5W  |   |
| R254 | ERJ6GEYJ223 | S.M.CARB | 0.1W   | 5% | 22KW  | R531 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R255 | ERJ6GEYJ331 | S.M.CARB | 0.1W   | 5% | 330W  | R532 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R256 | ERJ6GEYJ104 | S.M.CARB | 0.1W   | 5% | 100KW | R533 | ERD25TJ683   | CARBON   | 0.25W | 5% | 68KW  |   |
| R257 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R534 | ERD25TJ473   | CARBON   | 0.25W | 5% | 47KW  |   |
| R258 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W  | R535 | ERD25TJ472   | CARBON   | 0.25W | 5% | 4K7W  |   |
| R259 | ERG3SJ102   | METAL    | 3W     | 5% | 1KW   | R536 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R260 | ERJ6GEYJ2R2 | SM.CARB  | 0.125W | 5% | 2R2W  | R539 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R261 | ERJ6GEYJ153 | S.M.CARB | 0.1W   | 5% | 15KW  | R540 | ERD25TJ183   | CARBON   | 0.25W | 5% | 18KW  |   |
| R262 | ERJ6GEYJ223 | S.M.CARB | 0.1W   | 5% | 22KW  | R541 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |   |
| R263 | ERJ6GEYJ331 | S.M.CARB | 0.1W   | 5% | 330W  | R542 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R264 | ERJ6GEYJ104 | S.M.CARB | 0.1W   | 5% | 100KW | R543 | ERD25TJ222   | CARBON   | 0.25W | 5% | 2K2W  |   |
| R265 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W  | R547 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R266 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R551 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R267 | ERJ6GEYJ391 | S.M.CARB | 0.1W   | 5% | 390W  | R552 | ERD25TJ473   | CARBON   | 0.25W | 5% | 47KW  |   |
| R268 | ERJ6GEYJ391 | S.M.CARB | 0.1W   | 5% | 390W  | R553 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R269 | ERJ6GEYJ123 | S.M.CARB | 0.1W   | 5% | 12KW  | R554 | ERX3SJSR27H  | RESISTOR | 3W    | 5% | R27W  |   |
| R270 | ERG3SJ102   | METAL    | 3W     | 5% | 1KW   | R555 | ERD25TJ223   | CARBON   | 0.25W | 5% | 22KW  |   |
| R351 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R556 | ERO50PKF2802 | METAL    | 50W   | 1% | 28KW  | ▲ |
| R352 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R557 | ERO25CKF1073 | METAL    | 25W   | 1% | 107KW | ▲ |
| R354 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R558 | ERO50PKF4532 | METAL    | 50W   | 1% | 45KW  | ▲ |
| R355 | ERG2FJ823   | METAL    | 2W     | 5% | 82KW  | R559 | ERO25CKF1002 | METAL    | 0.25W | 1% | 10KW  | ▲ |
| R356 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W    | R560 | ERD25TJ222   | CARBON   | 0.25W | 5% | 2K2W  |   |
| R357 | ERJ6GEYJ822 | S.M.CARB | 0.1W   | 5% | 8K2W  | R562 | ERD25TJ473   | CARBON   | 0.25W | 5% | 47KW  |   |
| R358 | ERDS1TJ821  | CARBON   | 0.5W   | 5% | 820W  | R564 | ERDS1TJ394   | CARBON   | 0.5W  | 5% | 390KW |   |
| R359 | ERJ6GEYJ334 | S.M.CARB | 0.1W   | 5% | 330KW | R565 | ERQ14AJW2R2  | FUSABLE  | 14W   | 5% | 2R2W  | ▲ |
| R360 | ERDS1TJ103  | CARBON   | 0.5W   | 5% | 10KW  | R566 | ERDS1TJ183   | CARBON   | 0.5W  | 5% | 18KW  |   |
| R361 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R567 | ERG2ANJ223   | METAL    | 2W    | 5% | 22KW  |   |
| R362 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R568 | ERQ12HJ330   | METAL    | 0.5W  | 5% | 33W   | ▲ |
| R364 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R569 | ERDS1TJ120   | CARBON   | 0.5W  | 5% | 12W   |   |
| R365 | ERG2FJ823   | METAL    | 2W     | 5% | 82KW  | R570 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |   |
| R366 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W    | R571 | ERX3FJ2R7H   | RESISTOR | 3W    | 5% | 2R7W  |   |
| R367 | ERJ6GEYJ822 | S.M.CARB | 0.1W   | 5% | 8K2W  | R572 | ERG3FJ821    | METAL    | 3W    | 5% | 820W  | ▲ |
| R368 | ERDS1TJ821  | CARBON   | 0.5W   | 5% | 820W  | R574 | ERG3FJ151    | METAL    | 3W    | 5% | 150W  | ▲ |
| R369 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W    | R579 | ERD25TJ274   | CARBON   | 0.25W | 5% | 270KW |   |
| R370 | ERQ1CJP1R2  | FUSABLE  | 1W     | 5% | 1R2W  | R580 | ERD25TJ563   | CARBON   | 0.25W | 5% | 56KW  |   |
| R371 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R581 | ERD25TJ104   | CARBON   | 0.25W | 5% | 100KW |   |
| R372 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R582 | ERD25TJ225   | CARBON   | 0.25W | 5% | 2M2W  |   |
| R374 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW   | R583 | ERD25TJ225   | CARBON   | 0.25W | 5% | 2M2W  |   |
| R375 | ERG2FJ823   | METAL    | 2W     | 5% | 82KW  | R584 | ERD25TJ152   | CARBON   | 0.25W | 5% | 1K5W  |   |
| R376 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W    | R585 | TSF19201     | FS LINK  |       |    |       | ▲ |
| R377 | ERJ6GEYJ822 | S.M.CARB | 0.1W   | 5% | 8K2W  | R587 | ERD25TJ222   | CARBON   | 0.25W | 5% | 2K2W  |   |

|      |              |            |        |    |       |      |              |          |       |    |      |   |
|------|--------------|------------|--------|----|-------|------|--------------|----------|-------|----|------|---|
| R588 | ERD25TJ222   | CARBON     | 0.25W  | 5% | 2K2W  | R812 | ERD25TJ681   | CARBON   | 0.25W | 5% | 680W |   |
| R589 | ERDS1TJ100   | CARBON     | 0.5W   | 5% | 10W   | R814 | ERD25TJ332   | CARBON   | 0.25W | 5% | 3K3W |   |
| R601 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R815 | ERD25TJ150   | CARBON   | 0.25W | 5% | 15W  |   |
| R602 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R816 | ERDS1TJ470   | CARBON   | 0.5W  | 5% | 47W  |   |
| R603 | ERJ6GEYJ102  | S.M.CARB   | 0.1W   | 5% | 1KW   | R818 | ERD25TJ331   | CARBON   | 0.25W | 5% | 330W |   |
| R604 | ERJ6GEYJ750  | S.M.CARB   | 0.1W   | 5% | 75W   | R820 | ERG3FJ223    | METAL    | 3W    | 5% | 22KW | ▲ |
| R605 | ERJ6GEYJ750  | S.M.CARB   | 0.1W   | 5% | 75W   | R821 | ERG3FJ223    | METAL    | 3W    | 5% | 22KW | ▲ |
| R606 | ERJ6GEYJ750  | S.M.CARB   | 0.1W   | 5% | 75W   | R822 | ERD25TJ391   | CARBON   | 0.25W | 5% | 390W |   |
| R609 | ERJ6GEYJ153  | S.M.CARB   | 0.1W   | 5% | 15KW  | R823 | ERX2SJR22    | RESISTOR | 2W    | 5% | R22W |   |
| R610 | ERJ6GEYJ823  | S.M.CARB   | 0.1W   | 5% | 82KW  | R824 | ERX2SJR22    | RESISTOR | 2W    | 5% | R22W |   |
| R612 | ERJ6GEYJ392  | S.M.CARB   | 0.1W   | 5% | 3K9W  | R825 | ERX2SJR22    | RESISTOR | 2W    | 5% | R22W |   |
| R613 | ERJ6GEYJ392  | S.M.CARB   | 0.1W   | 5% | 3K9W  | R827 | ERDS1FJ100   | CARBON   | 0.5W  | 5% | 10W  |   |
| R615 | ERJ6GEYJ823  | S.M.CARB   | 0.1W   | 5% | 82KW  | R828 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW |   |
| R616 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R829 | ERD25TJ471   | CARBON   | 0.25W | 5% | 470W |   |
| R617 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R831 | ERD75TAJ825  | CARBON   | 0.75W | 5% | 8M2W | ▲ |
| R618 | ERJ6GEYJ100  | S.M.CARB   | 0.1W   | 5% | 10W   | R832 | ERG1SJ331    | METAL    | 1W    | 5% | 330W | ▲ |
| R619 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R835 | ERD25TJ220   | CARBON   | 0.25W | 5% | 22W  |   |
| R620 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R836 | ERD25TJ100   | CARBON   | 0.25W | 5% | 10W  |   |
| R621 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R837 | ERD25TJ153   | CARBON   | 0.25W | 5% | 15KW |   |
| R624 | ERJ6GEYJ151  | S.M.CARB   | 0.1W   | 5% | 150W  | R838 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW  |   |
| R625 | ERJ6GEYJ393  | S.M.CARB   | 0.1W   | 5% | 39KW  | R847 | ERQ1CJP1R0   | FUSABLE  | 1W    | 5% | 1RW  | ▲ |
| R626 | ERJ6GEYJ153  | S.M.CARB   | 0.1W   | 5% | 15KW  | R853 | ERO25CKF1002 | METAL    | 0.25W | 1% | 10KW | ▲ |
| R627 | ERJ6GEYJ681  | S.M.CARB   | 0.1W   | 5% | 680W  | R854 | ERDS1TJ153   | CARBON   | 0.5W  | 5% | 15KW |   |
| R628 | ERJ6GEYJ151  | S.M.CARB   | 0.1W   | 5% | 150W  | R855 | ERD25TJ472   | CARBON   | 0.25W | 5% | 4K7W |   |
| R629 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R856 | ERD25TJ473   | CARBON   | 0.25W | 5% | 47KW |   |
| R630 | ERJ6GEYJ560  | S.M.CARB   | 0.1W   | 5% | 56W   | R858 | ERO25CKF1002 | METAL    | 0.25W | 1% | 10KW | ▲ |
| R632 | ERJ6GEYJ393  | S.M.CARB   | 0.1W   | 5% | 39KW  | R862 | ERD25TJ472   | CARBON   | 0.25W | 5% | 4K7W |   |
| R633 | ERJ6GEYJ153  | S.M.CARB   | 0.1W   | 5% | 15KW  | R863 | ERG3FJ470    | METAL    | 3W    | 5% | 47W  | ▲ |
| R634 | ERJ6GEYJ681  | S.M.CARB   | 0.1W   | 5% | 680W  | R864 | ERDS1TJ103   | CARBON   | 0.5W  | 5% | 10KW |   |
| R635 | ERJ6GEYJ151  | S.M.CARB   | 0.1W   | 5% | 150W  | R865 | ERG3FJ470    | METAL    | 3W    | 5% | 47W  | ▲ |
| R636 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R867 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW  |   |
| R637 | ERJ6GEYJ331  | S.M.CARB   | 0.1W   | 5% | 330W  | R870 | ERD25TJ101   | CARBON   | 0.25W | 5% | 100W |   |
| R639 | EVNDXAA03B32 | CONTROL    |        |    | 300W  | R873 | ERDS1TJ2R2   | CARBON   | 0.5W  | 5% | 2.2W |   |
| R640 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R876 | ERD25TJ562   | CARBON   | 0.25W | 5% | 5K6W |   |
| R643 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R877 | ERO25CKF1022 | METAL    | 25W   | 1% | 10KW | ▲ |
| R644 | ERJ6GEYJ102  | S.M.CARB   | 0.1W   | 5% | 1KW   | R878 | ERO25CKF1002 | METAL    | 0.25W | 1% | 10KW | ▲ |
| R645 | ERJ6GEYJ271  | S.M.CARB   | 0.1W   | 5% | 270W  | R883 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW |   |
| R646 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R885 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW |   |
| R647 | ERJ6GEYJ151  | S.M.CARB   | 0.1W   | 5% | 150W  | R886 | ERF10ZK4R7   | WOUND    | 10W   | 5% | 4R7W | ▲ |
| R648 | ERJ6GEYJ150  | S.M.CARB   | 0.1W   | 5% | 15W   | R888 | ERDS1TJ393   | CARBON   | 0.5W  | 5% | 39KW |   |
| R649 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R889 | ERD25TJ392   | CARBON   | 0.25W | 5% | 3K9W |   |
| R651 | ERJ6GEYJ225  | SM.CARB    | 0.125W | 5% | 2.2MW | R890 | ERX3SJR56    | RESISTOR | 3W    | 5% | R56W |   |
| R652 | ERJ6GEYJ103  | S.M.CARB   | 0.1W   | 5% | 10KW  | R891 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW |   |
| R653 | ERJ6GEYJ103  | S.M.CARB   | 0.1W   | 5% | 10KW  | R892 | ERD25TJ222   | CARBON   | 0.25W | 5% | 2K2W |   |
| R654 | ERJ6GEYJ103  | S.M.CARB   | 0.1W   | 5% | 10KW  | R894 | ERD25TJ101   | CARBON   | 0.25W | 5% | 100W |   |
| R655 | ERJ6GEYJ243  | SM.CARB    | 0.125W | 5% | 24KW  | R905 | ERJ6GEYJ681  | S.M.CARB | 0.1W  | 5% | 680W |   |
| R656 | ERJ6GEYJ103  | S.M.CARB   | 0.1W   | 5% | 10KW  | R906 | ERJ6GEYJ563  | S.M.CARB | 0.1W  | 5% | 56KW |   |
| R657 | ERJ6GEYJ103  | S.M.CARB   | 0.1W   | 5% | 10KW  | R907 | ERJ6GEYJ822  | S.M.CARB | 0.1W  | 5% | 8K2W |   |
| R658 | ERJ6GEYJ103  | S.M.CARB   | 0.1W   | 5% | 10KW  | R908 | ERJ6GEYJ471  | S.M.CARB | 0.1W  | 5% | 470W |   |
| R659 | ERJ6GEYJ102  | S.M.CARB   | 0.1W   | 5% | 1KW   | R909 | ERJ6GEYJ102  | S.M.CARB | 0.1W  | 5% | 1KW  |   |
| R660 | ERJ6GEYJ102  | S.M.CARB   | 0.1W   | 5% | 1KW   | R910 | ERJ6GEYJ221  | S.M.CARB | 0.1W  | 5% | 220W |   |
| R661 | ERJ6GEYJ102  | S.M.CARB   | 0.1W   | 5% | 1KW   | R911 | ERD25TJ561   | CARBON   | 0.25W | 5% | 560W |   |
| R662 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R913 | ERJ6GEYJ183  | S.M.CARB | 0.1W  | 5% | 18KW |   |
| R663 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R914 | ERJ6GEYJ222  | S.M.CARB | 0.1W  | 5% | 2K2W |   |
| R666 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R915 | ERJ6GEYJ182  | S.M.CARB | 0.1W  | 5% | 1K8W |   |
| R667 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R916 | ERJ6GEYJ221  | S.M.CARB | 0.1W  | 5% | 220W |   |
| R668 | ERJ6GEYJ101  | S.M.CARB   | 0.1W   | 5% | 100W  | R918 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W |   |
| R711 | ERJ6GEYJ224  | S.M.CARB   | 0.1W   | 5% | 220KW | R919 | ERQ14AJW390  | FUSABLE  | 14W   | 5% | 39W  | ▲ |
| R712 | ERJ6GEYJ223  | S.M.CARB   | 0.1W   | 5% | 22KW  | R920 | ERQ14AJW390  | FUSABLE  | 14W   | 5% | 39W  | ▲ |
| R714 | ERJ6GEYJ682  | S.M.CARB   | 0.1W   | 5% | 6K8W  | R922 | ERD25TJ683   | CARBON   | 0.25W | 5% | 68KW |   |
| R715 | ERJ6GEYJ222  | S.M.CARB   | 0.1W   | 5% | 2K2W  | R923 | ERD25TJ683   | CARBON   | 0.25W | 5% | 68KW |   |
| R716 | ERJ6GEY0R00  | S.M.CARB   | 0.1W   | 5% | 0W    | R924 | ERDS1FYJ390  | CARBON   | 0.5W  | 5% | 39W  | ▲ |
| R717 | ERJ6GEYJ153  | S.M.CARB   | 0.1W   | 5% | 15KW  | R925 | ERJ6GEY0R00  | S.M.CARB | 0.1W  | 5% | 0W   |   |
| R718 | ERJ6GEYJ472  | S.M.CARB   | 0.1W   | 5% | 4K7W  | R926 | ERJ6GEY0R00  | S.M.CARB | 0.1W  | 5% | 0W   |   |
| R753 | ERD25TJ333   | CARBON     | 0.25W  | 5% | 33KW  | R927 | ERD25TJ122   | CARBON   | 0.25W | 5% | 1K2W |   |
| R805 | 232266296706 | THERMISTOR |        |    |       | R928 | ERD25TJ2R7   | CARBON   | 0.25W | 5% | 2R7W |   |
| R806 | ERD25TJ101   | CARBON     | 0.25W  | 5% | 100W  | R929 | ERDS1FYJ221  | CARBON   | 0.5W  | 5% | 220W |   |
| R807 | ERD25TJ104   | CARBON     | 0.25W  | 5% | 100KW | R930 | ERD25TJ2R7   | CARBON   | 0.25W | 5% | 2R7W |   |
| R809 | ERF10ZK4R7   | WOUND      | 10W    | 5% | 4R7W  | R931 | ERDS1FYJ390  | CARBON   | 0.5W  | 5% | 39W  | ▲ |
| R810 | ERD25TJ223   | CARBON     | 0.25W  | 5% | 22KW  | R932 | ERDS1FYJ101  | CARBON   | 0.5W  | 5% | 100W | ▲ |
| R811 | ERD25TJ102   | CARBON     | 0.25W  | 5% | 1KW   | R933 | ERJ6GEYJ472  | S.M.CARB | 0.1W  | 5% | 4K7W |   |

|       |             |          |       |    |       |   |       |             |          |      |    |       |
|-------|-------------|----------|-------|----|-------|---|-------|-------------|----------|------|----|-------|
| R934  | ERJ6GEYJ222 | S.M.CARB | 0.1W  | 5% | 2K2W  |   | R1192 | ERJ6GEYJ104 | S.M.CARB | 0.1W | 5% | 100KW |
| R935  | ERQ14AJW3R9 | FUSABLE  | 14W   | 5% | 3R9W  | ⚠ | R1193 | ERJ6GEYJ103 | S.M.CARB | 0.1W | 5% | 10KW  |
| R936  | ERQ1CJP102  | METAL    | 1W    | 5% | 1KW   | ⚠ | R1194 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R937  | ERQ14AJW100 | METAL    | 0.25W | 5% | 10W   | ⚠ | R1301 | ERJ6GEYJ102 | S.M.CARB | 0.1W | 5% | 1KW   |
| R938  | ERD25TJ122  | CARBON   | 0.25W | 5% | 1K2W  |   | R1302 | ERJ6GEYJ392 | S.M.CARB | 0.1W | 5% | 3K9W  |
| R940  | ERD25TJ3R3  | CARBON   | 0.25W | 5% | 3R3W  |   | R1305 | ERJ6GEYJ560 | S.M.CARB | 0.1W | 5% | 56W   |
| R941  | ERD25TJ3R3  | CARBON   | 0.25W | 5% | 3R3W  |   | R1306 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1054 | ERD25TJ101  | CARBON   | 0.25W | 5% | 100W  |   | R1307 | ERJ6GEYJ562 | S.M.CARB | 0.1W | 5% | 5K6W  |
| R1057 | ERD25TJ101  | CARBON   | 0.25W | 5% | 100W  |   | R1308 | ERJ6GEYJ105 | S.M.CARB | 0.1W | 5% | 1MW   |
| R1058 | ERD25TJ471  | CARBON   | 0.25W | 5% | 470W  |   | R1313 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W    |
| R1059 | ERD25TJ103  | CARBON   | 0.25W | 5% | 10KW  |   | R1315 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1061 | ERD25TJ103  | CARBON   | 0.25W | 5% | 10KW  |   | R1317 | ERJ6GEYJ181 | S.M.CARB | 0.1W | 5% | 180W  |
| R1062 | ERD25TJ222  | CARBON   | 0.25W | 5% | 2K2W  |   | R1318 | ERJ6GEYJ181 | S.M.CARB | 0.1W | 5% | 180W  |
| R1063 | ERD25TJ222  | CARBON   | 0.25W | 5% | 2K2W  |   | R1319 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W    |
| R1064 | ERD25TJ332  | CARBON   | 0.25W | 5% | 3K3W  |   | R1320 | ERJ6GEYJ472 | S.M.CARB | 0.1W | 5% | 4K7W  |
| R1065 | ERD25TJ512  | CARBON   | 0.25W | 5% | 5K1W  |   | R1321 | ERJ6GEYJ472 | S.M.CARB | 0.1W | 5% | 4K7W  |
| R1066 | ERD25TJ912  | CARBON   | 0.25W | 5% | 9K1W  |   | R1322 | ERJ6GEYJ103 | S.M.CARB | 0.1W | 5% | 10KW  |
| R1101 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1323 | ERJ6GEYJ103 | S.M.CARB | 0.1W | 5% | 10KW  |
| R1102 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1324 | ERJ6GEYJ472 | S.M.CARB | 0.1W | 5% | 4K7W  |
| R1103 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1325 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1104 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1326 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1105 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1327 | ERJ6GEYJ470 | S.M.CARB | 0.1W | 5% | 47W   |
| R1106 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1328 | ERJ6GEYJ102 | S.M.CARB | 0.1W | 5% | 1KW   |
| R1107 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1329 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W    |
| R1108 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1337 | ERJ6GEYJ562 | S.M.CARB | 0.1W | 5% | 5K6W  |
| R1111 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1340 | ERJ6GEYJ272 | S.M.CARB | 0.1W | 5% | 2K7W  |
| R1112 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1501 | ERJ6GEYJ560 | S.M.CARB | 0.1W | 5% | 56W   |
| R1113 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1502 | ERJ6GEYJ560 | S.M.CARB | 0.1W | 5% | 56W   |
| R1116 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1504 | ERJ6GEYJ121 | S.M.CARB | 0.1W | 5% | 120W  |
| R1117 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1507 | ERJ6GEYJ272 | S.M.CARB | 0.1W | 5% | 2K7W  |
| R1118 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1508 | ERJ6GEYJ121 | S.M.CARB | 0.1W | 5% | 120W  |
| R1119 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1510 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1120 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1511 | ERJ6GEYJ272 | S.M.CARB | 0.1W | 5% | 2K7W  |
| R1121 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1513 | ERJ6GEYJ272 | S.M.CARB | 0.1W | 5% | 2K7W  |
| R1122 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1515 | ERJ6GEYJ102 | S.M.CARB | 0.1W | 5% | 1KW   |
| R1123 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1516 | ERJ6GEYJ102 | S.M.CARB | 0.1W | 5% | 1KW   |
| R1124 | ERJ6GEYJ103 | S.M.CARB | 0.1W  | 5% | 10KW  |   | R1517 | ERJ6GEYJ102 | S.M.CARB | 0.1W | 5% | 1KW   |
| R1125 | ERJ6GEYJ103 | S.M.CARB | 0.1W  | 5% | 10KW  |   | R1518 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1126 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1519 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1127 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1520 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1128 | ERJ6GEYJ100 | S.M.CARB | 0.1W  | 5% | 10W   |   | R1523 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1129 | ERJ6GEYJ100 | S.M.CARB | 0.1W  | 5% | 10W   |   | R1550 | ERJ6GEYJ221 | S.M.CARB | 0.1W | 5% | 220W  |
| R1133 | ERJ6GEYJ103 | S.M.CARB | 0.1W  | 5% | 10KW  |   | R1551 | ERJ6GEYJ180 | S.M.CARB | 0.1W | 5% | 18W   |
| R1134 | ERJ6GEYJ103 | S.M.CARB | 0.1W  | 5% | 10KW  |   | R1552 | ERJ6GEYJ560 | S.M.CARB | 0.1W | 5% | 56W   |
| R1135 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |   | R1554 | ERJ6GEYJ180 | S.M.CARB | 0.1W | 5% | 18W   |
| R1136 | ERJ6GEYJ221 | S.M.CARB | 0.1W  | 5% | 220W  |   | R1555 | ERJ6GEYJ331 | S.M.CARB | 0.1W | 5% | 330W  |
| R1137 | ERJ6GEYJ561 | S.M.CARB | 0.1W  | 5% | 560W  |   | R1560 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1138 | ERJ6GEYJ103 | S.M.CARB | 0.1W  | 5% | 10KW  |   | R1561 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1142 | ERJ6GEYJ103 | S.M.CARB | 0.1W  | 5% | 10KW  |   | R1562 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1145 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1563 | ERJ6GEYJ180 | S.M.CARB | 0.1W | 5% | 18W   |
| R1150 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1568 | ERJ6GEYJ221 | S.M.CARB | 0.1W | 5% | 220W  |
| R1151 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1570 | ERJ6GEYJ331 | S.M.CARB | 0.1W | 5% | 330W  |
| R1152 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1572 | ERJ6GEYJ561 | S.M.CARB | 0.1W | 5% | 560W  |
| R1153 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1575 | ERJ6GEYJ391 | S.M.CARB | 0.1W | 5% | 390W  |
| R1154 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1576 | ERJ6GEYJ821 | S.M.CARB | 0.1W | 5% | 820W  |
| R1156 | ERJ6GEYJ182 | S.M.CARB | 0.1W  | 5% | 1K8W  |   | R1577 | ERJ6GEYJ750 | S.M.CARB | 0.1W | 5% | 75W   |
| R1163 | ERJ6GEYJ152 | S.M.CARB | 0.1W  | 5% | 1K5W  |   | R1578 | ERJ6GEYJ100 | S.M.CARB | 0.1W | 5% | 10W   |
| R1164 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1581 | ERJ6GEYJ472 | S.M.CARB | 0.1W | 5% | 4K7W  |
| R1169 | ERJ6GEYJ102 | S.M.CARB | 0.1W  | 5% | 1KW   |   | R1605 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1170 | ERJ6GEYJ332 | S.M.CARB | 0.1W  | 5% | 3K3W  |   | R1606 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1171 | ERJ6GEYJ682 | S.M.CARB | 0.1W  | 5% | 6K8W  |   | R1608 | ERJ6GEYJ472 | S.M.CARB | 0.1W | 5% | 4K7W  |
| R1172 | ERJ6GEYJ561 | S.M.CARB | 0.1W  | 5% | 560W  |   | R1620 | ERJ6GEYJ472 | S.M.CARB | 0.1W | 5% | 4K7W  |
| R1174 | ERDS1TJ561  | CARBON   | 0.5W  | 5% | 560W  |   | R1621 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1182 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1622 | ERJ6GEYJ101 | S.M.CARB | 0.1W | 5% | 100W  |
| R1183 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1624 | ERJ6GEY0R00 | S.M.CARB | 0.1W | 5% | 0W    |
| R1184 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |   | R1625 | ERJ6GEYJ271 | S.M.CARB | 0.1W | 5% | 270W  |
| R1185 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |   | R1626 | ERJ6GEYJ391 | S.M.CARB | 0.1W | 5% | 390W  |
| R1186 | ERJ6GEYJ103 | S.M.CARB | 0.1W  | 5% | 10KW  |   | R1627 | ERJ6GEYJ182 | S.M.CARB | 0.1W | 5% | 1K8W  |
| R1188 | ERJ6GEYJ222 | S.M.CARB | 0.1W  | 5% | 2K2W  |   | R1628 | ERJ6GEYJ151 | S.M.CARB | 0.1W | 5% | 150W  |
| R1190 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |   | R1629 | ERJ6GEYJ201 | S.M.CARB | 0.1W | 5% | 200W  |
| R1191 | ERJ6GEYJ104 | S.M.CARB | 0.1W  | 5% | 100KW |   | R1630 | ERJ6GEYJ181 | S.M.CARB | 0.1W | 5% | 180W  |

|       |             |          |        |    |      |       |              |          |       |    |       |
|-------|-------------|----------|--------|----|------|-------|--------------|----------|-------|----|-------|
| R1631 | ERJ6GEYJ103 | S.M.CARB | 0.1W   | 5% | 10KW | R2303 | ERJ6GEYJ223  | S.M.CARB | 0.1W  | 5% | 22KW  |
| R1632 | ERJ6GEYJ133 | SM.CARB  | 0.125W | 5% | 13KW | R2304 | ERJ6GEYJ221  | S.M.CARB | 0.1W  | 5% | 220W  |
| R1633 | ERJ6GEYJ151 | S.M.CARB | 0.1W   | 5% | 150W | R2305 | ERJ6GEYJ103  | S.M.CARB | 0.1W  | 5% | 10KW  |
| R1634 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R2306 | ERJ6GEYJ102  | S.M.CARB | 0.1W  | 5% | 1KW   |
| R1641 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2307 | ERJ6GEYJ471  | S.M.CARB | 0.1W  | 5% | 470W  |
| R1643 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW  | R2308 | ERJ6GEYJ153  | S.M.CARB | 0.1W  | 5% | 15KW  |
| R1644 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2309 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R1646 | ERJ6GEYJ331 | S.M.CARB | 0.1W   | 5% | 330W | R2310 | ERJ6GEYJ223  | S.M.CARB | 0.1W  | 5% | 22KW  |
| R1647 | ERJ6GEYJ151 | S.M.CARB | 0.1W   | 5% | 150W | R2311 | ERJ6GEYJ563  | S.M.CARB | 0.1W  | 5% | 56KW  |
| R1648 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2312 | ERJ6GEYJ563  | S.M.CARB | 0.1W  | 5% | 56KW  |
| R1649 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2313 | ERJ6GEYJ223  | S.M.CARB | 0.1W  | 5% | 22KW  |
| R1650 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2314 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R1652 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW  | R2315 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R1653 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2316 | ERJ6GEYJ153  | S.M.CARB | 0.1W  | 5% | 15KW  |
| R1654 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2317 | ERJ6GEYJ153  | S.M.CARB | 0.1W  | 5% | 15KW  |
| R1656 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW  | R2318 | ERJ6GEYJ222  | S.M.CARB | 0.1W  | 5% | 2K2W  |
| R1659 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2319 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R1662 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2320 | ERJ6GEYJ223  | S.M.CARB | 0.1W  | 5% | 22KW  |
| R1666 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R2322 | ERJ6GEYJ472  | S.M.CARB | 0.1W  | 5% | 4K7W  |
| R1667 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2351 | ERQ14AJW100  | METAL    | 0.25W | 5% | 10W ▲ |
| R1668 | ERJ6GEYJ560 | S.M.CARB | 0.1W   | 5% | 56W  | R2352 | ERD25TJ101   | CARBON   | 0.25W | 5% | 100W  |
| R1679 | ERJ6GEYJ473 | S.M.CARB | 0.1W   | 5% | 47KW | R2353 | ERD25TJ101   | CARBON   | 0.25W | 5% | 100W  |
| R1680 | ERJ6GEYJ153 | S.M.CARB | 0.1W   | 5% | 15KW | R2354 | ERD25TJ473   | CARBON   | 0.25W | 5% | 47KW  |
| R1681 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R2355 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1682 | ERJ6GEYJ151 | S.M.CARB | 0.1W   | 5% | 150W | R2356 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1683 | ERJ6GEYJ151 | S.M.CARB | 0.1W   | 5% | 150W | R2357 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1688 | ERJ6GEYJ561 | S.M.CARB | 0.1W   | 5% | 560W | R2358 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1689 | ERJ6GEYJ561 | S.M.CARB | 0.1W   | 5% | 560W | R2359 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |
| R1701 | ERJ6GEYJ180 | S.M.CARB | 0.1W   | 5% | 18W  | R2360 | ERD25TJ183   | CARBON   | 0.25W | 5% | 18KW  |
| R1703 | ERJ6GEYJ101 | S.M.CARB | 0.1W   | 5% | 100W | R2361 | ERD25TJ100   | CARBON   | 0.25W | 5% | 10W   |
| R1704 | ERJ6GEYJ101 | S.M.CARB | 0.1W   | 5% | 100W | R2371 | ERQ14AJW100  | METAL    | 0.25W | 5% | 10W ▲ |
| R1705 | ERJ6GEYJ473 | S.M.CARB | 0.1W   | 5% | 47KW | R2372 | ERD25TJ101   | CARBON   | 0.25W | 5% | 100W  |
| R1706 | ERJ6GEYJ473 | S.M.CARB | 0.1W   | 5% | 47KW | R2373 | ERD25TJ101   | CARBON   | 0.25W | 5% | 100W  |
| R1707 | ERJ6GEYJ180 | S.M.CARB | 0.1W   | 5% | 18W  | R2374 | ERD25TJ473   | CARBON   | 0.25W | 5% | 47KW  |
| R1710 | ERJ6GEYJ180 | S.M.CARB | 0.1W   | 5% | 18W  | R2375 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1713 | ERJ6GEYJ472 | S.M.CARB | 0.1W   | 5% | 4K7W | R2376 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1716 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R2377 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1724 | ERJ6GEYJ561 | S.M.CARB | 0.1W   | 5% | 560W | R2378 | ERD25TJ102   | CARBON   | 0.25W | 5% | 1KW   |
| R1730 | ERJ6GEYJ821 | S.M.CARB | 0.1W   | 5% | 820W | R2379 | ERD25TJ103   | CARBON   | 0.25W | 5% | 10KW  |
| R1777 | ERJ6GEYJ561 | S.M.CARB | 0.1W   | 5% | 560W | R2380 | ERD25TJ183   | CARBON   | 0.25W | 5% | 18KW  |
| R1778 | ERJ6GEYJ821 | S.M.CARB | 0.1W   | 5% | 820W | R2381 | ERD25TJ100   | CARBON   | 0.25W | 5% | 10W   |
| R2001 | ERJ6GEYJ473 | S.M.CARB | 0.1W   | 5% | 47KW | R3006 | ERJ6GEYJ750  | S.M.CARB | 0.1W  | 5% | 75W   |
| R2004 | ERJ6GEYJ103 | S.M.CARB | 0.1W   | 5% | 10KW | R3101 | ERJ6GEYJ102  | S.M.CARB | 0.1W  | 5% | 1KW   |
| R2005 | ERJ6GEYJ101 | S.M.CARB | 0.1W   | 5% | 100W | R3102 | ERJ6GEYJ102  | S.M.CARB | 0.1W  | 5% | 1KW   |
| R2006 | ERJ6GEYJ101 | S.M.CARB | 0.1W   | 5% | 100W | R3107 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R2007 | ERJ6GEYJ183 | S.M.CARB | 0.1W   | 5% | 18KW | R3108 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R2008 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R3109 | ERJ6GEYJ681  | S.M.CARB | 0.1W  | 5% | 680W  |
| R2009 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R3110 | ERJ6GEYJ681  | S.M.CARB | 0.1W  | 5% | 680W  |
| R2010 | ERJ6GEYJ101 | S.M.CARB | 0.1W   | 5% | 100W | R3114 | ERJ6GEYJ681  | S.M.CARB | 0.1W  | 5% | 680W  |
| R2011 | ERJ6GEYJ222 | S.M.CARB | 0.1W   | 5% | 2K2W | R3115 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R2012 | ERJ6GEYJ101 | S.M.CARB | 0.1W   | 5% | 100W | R3117 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R2013 | ERJ6GEYJ222 | S.M.CARB | 0.1W   | 5% | 2K2W | R3118 | ERJ6GEYJ681  | S.M.CARB | 0.1W  | 5% | 680W  |
| R2014 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3126 | ERJ6GEYJ102  | S.M.CARB | 0.1W  | 5% | 1KW   |
| R2015 | ERJ6GEYJ222 | S.M.CARB | 0.1W   | 5% | 2K2W | R3127 | ERJ6GEYJ102  | S.M.CARB | 0.1W  | 5% | 1KW   |
| R2016 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3128 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R2017 | ERJ6GEYJ222 | S.M.CARB | 0.1W   | 5% | 2K2W | R3129 | ERJ6GEYJ104  | S.M.CARB | 0.1W  | 5% | 100KW |
| R2018 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3130 | ERJ6GEYJ681  | S.M.CARB | 0.1W  | 5% | 680W  |
| R2019 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3131 | ERJ6GEYJ681  | S.M.CARB | 0.1W  | 5% | 680W  |
| R2020 | ERJ6GEYJ562 | S.M.CARB | 0.1W   | 5% | 5K6W | R3132 | ERD2FCVG100T | CARBON   | 2W    | 2% | 10W   |
| R2021 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW  | R3133 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2022 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3134 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2023 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R3135 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2025 | ERJ6GEYJ123 | S.M.CARB | 0.1W   | 5% | 12KW | R3136 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2026 | ERJ6GEYJ562 | S.M.CARB | 0.1W   | 5% | 5K6W | R3137 | ERJ6GEYJ750  | S.M.CARB | 0.1W  | 5% | 75W   |
| R2027 | ERJ6GEYJ102 | S.M.CARB | 0.1W   | 5% | 1KW  | R3138 | ERJ6GEYJ470  | S.M.CARB | 0.1W  | 5% | 47W   |
| R2038 | ERJ6GEY0R00 | S.M.CARB | 0.1W   | 5% | 0W   | R3139 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2039 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3140 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2044 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3141 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2045 | ERJ6GEYJ471 | S.M.CARB | 0.1W   | 5% | 470W | R3142 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |
| R2301 | ERJ6GEYJ2R2 | SM.CARB  | 0.125W | 5% | 2R2W | R3143 | ERJ6GEYJ153  | S.M.CARB | 0.1W  | 5% | 15KW  |
| R2302 | ERJ6GEYJ183 | S.M.CARB | 0.1W   | 5% | 18KW | R3144 | ERJ6GEYJ101  | S.M.CARB | 0.1W  | 5% | 100W  |



|       |              |          |      |    |       |
|-------|--------------|----------|------|----|-------|
| R3145 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3146 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3147 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3148 | ERJ6GEYJ750  | S.M.CARB | 0.1W | 5% | 75W   |
| R3149 | ERJ6GEYJ750  | S.M.CARB | 0.1W | 5% | 75W   |
| R3150 | ERJ6GEYJ470  | S.M.CARB | 0.1W | 5% | 47W   |
| R3151 | ERJ6GEYJ750  | S.M.CARB | 0.1W | 5% | 75W   |
| R3152 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3153 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3154 | ERD2FCVG100T | CARBON   | 2W   | 2% | 10W   |
| R3158 | ERJ6GEYJ470  | S.M.CARB | 0.1W | 5% | 47W   |
| R3159 | ERJ6GEYJ681  | S.M.CARB | 0.1W | 5% | 680W  |
| R3160 | ERJ6GEYJ563  | S.M.CARB | 0.1W | 5% | 56KW  |
| R3161 | ERJ6GEYJ121  | S.M.CARB | 0.1W | 5% | 120W  |
| R3162 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3163 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3165 | ERJ6GEYJ103  | S.M.CARB | 0.1W | 5% | 10KW  |
| R3167 | ERJ6GEYJ103  | S.M.CARB | 0.1W | 5% | 10KW  |
| R3178 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5% | 0W    |
| R3180 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5% | 0W    |
| R3182 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5% | 0W    |
| R3184 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5% | 0W    |
| R3185 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3186 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3187 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3188 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3192 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5% | 0W    |
| R3193 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5% | 0W    |
| R3194 | ERJ6GEYJ750  | S.M.CARB | 0.1W | 5% | 75W   |
| R3195 | ERJ6GEYJ750  | S.M.CARB | 0.1W | 5% | 75W   |
| R3196 | ERJ6GEYJ470  | S.M.CARB | 0.1W | 5% | 47W   |
| R3197 | ERD2FCVG100T | CARBON   | 2W   | 2% | 10W   |
| R3198 | ERJ6GEYJ470  | S.M.CARB | 0.1W | 5% | 47W   |
| R3199 | ERJ6GEYJ470  | S.M.CARB | 0.1W | 5% | 47W   |
| R3200 | ERJ6GEYJ104  | S.M.CARB | 0.1W | 5% | 100KW |
| R3201 | ERJ6GEYJ332  | S.M.CARB | 0.1W | 5% | 3K3W  |
| R3202 | ERJ6GEYJ332  | S.M.CARB | 0.1W | 5% | 3K3W  |
| R3205 | ERJ6GEYJ104  | S.M.CARB | 0.1W | 5% | 100KW |
| R3206 | ERJ6GEYJ104  | S.M.CARB | 0.1W | 5% | 100KW |
| R3207 | ERJ6GEYJ104  | S.M.CARB | 0.1W | 5% | 100KW |
| R3208 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3209 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3210 | ERJ6GEYJ152  | S.M.CARB | 0.1W | 5% | 1K5W  |
| R3211 | ERJ6GEYJ152  | S.M.CARB | 0.1W | 5% | 1K5W  |
| R3212 | ERJ6GEYJ123  | S.M.CARB | 0.1W | 5% | 12KW  |
| R3213 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3214 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3215 | ERD2FCVG100T | CARBON   | 2W   | 2% | 10W   |
| R3216 | ERJ6GEYJ680  | S.M.CARB | 0.1W | 5% | 68W   |
| R3217 | ERJ6GEYJ102  | S.M.CARB | 0.1W | 5% | 1KW   |
| R3218 | ERJ6GEYJ750  | S.M.CARB | 0.1W | 5% | 75W   |
| R3226 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3227 | ERJ6GEY0R00  | S.M.CARB | 0.1W | 5% | 0W    |
| R3228 | ERJ6GEYJ680  | S.M.CARB | 0.1W | 5% | 68W   |
| R3229 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3230 | ERJ6GEYJ102  | S.M.CARB | 0.1W | 5% | 1KW   |
| R3231 | ERD2FCVG100T | CARBON   | 2W   | 2% | 10W   |
| R3232 | ERJ6GEYJ272  | S.M.CARB | 0.1W | 5% | 2K7W  |
| R3233 | ERJ6GEYJ331  | S.M.CARB | 0.1W | 5% | 330W  |
| R3236 | ERJ6GEYJ103  | S.M.CARB | 0.1W | 5% | 10KW  |
| R3237 | ERJ6GEYJ103  | S.M.CARB | 0.1W | 5% | 10KW  |
| R3238 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3239 | ERJ6GEYJ153  | S.M.CARB | 0.1W | 5% | 15KW  |
| R3240 | ERJ6GEYJ104  | S.M.CARB | 0.1W | 5% | 100KW |
| R3351 | ERJ6GEYJ101  | S.M.CARB | 0.1W | 5% | 100W  |
| R3352 | ERJ6GEYJ472  | S.M.CARB | 0.1W | 5% | 4K7W  |

|       |             |          |       |    |       |
|-------|-------------|----------|-------|----|-------|
| R3353 | ERJ6GEYJ474 | S.M.CARB | 0.1W  | 5% | 470KW |
| R3354 | ERJ6GEYJ102 | S.M.CARB | 0.1W  | 5% | 1KW   |
| R3355 | ERJ6GEYJ391 | S.M.CARB | 0.1W  | 5% | 390W  |
| R3501 | ERJ6GEYJ100 | S.M.CARB | 0.1W  | 5% | 10W   |
| R3502 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |
| R3503 | ERJ6GEYJ471 | S.M.CARB | 0.1W  | 5% | 470W  |
| R3505 | ERJ6GEYJ100 | S.M.CARB | 0.1W  | 5% | 10W   |
| R3506 | ERJ6GEYJ100 | S.M.CARB | 0.1W  | 5% | 10W   |
| R3507 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |
| R3508 | ERJ6GEYJ151 | S.M.CARB | 0.1W  | 5% | 150W  |
| R3509 | ERJ6GEYJ102 | S.M.CARB | 0.1W  | 5% | 1KW   |
| R3513 | ERJ6GEYJ471 | S.M.CARB | 0.1W  | 5% | 470W  |
| R3514 | ERJ6GEYJ471 | S.M.CARB | 0.1W  | 5% | 470W  |
| R3515 | ERJ6GEYJ471 | S.M.CARB | 0.1W  | 5% | 470W  |
| R3516 | ERJ6GEYJ472 | S.M.CARB | 0.1W  | 5% | 4K7W  |
| R3517 | ERJ6GEYJ102 | S.M.CARB | 0.1W  | 5% | 1KW   |
| R3518 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |
| R3520 | ERJ6GEYJ221 | S.M.CARB | 0.1W  | 5% | 220W  |
| R3521 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |
| R3522 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |
| R3523 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |
| R3526 | ERD25TC0T   | CARBON   | 0.25W | 5% | 0W    |
| R3531 | ERJ6GEYJ221 | S.M.CARB | 0.1W  | 5% | 220W  |
| R3532 | ERJ6GEYJ391 | S.M.CARB | 0.1W  | 5% | 390W  |
| R3534 | ERD25TJ181  | CARBON   | 0.25W | 5% | 180W  |
| R3536 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |
| R3539 | ERJ6GEY0R00 | S.M.CARB | 0.1W  | 5% | 0W    |
| R3802 | ERG3FJ100   | METAL    | 3W    | 5% | 10W   |
| R3803 | ERJ6GEYJ221 | S.M.CARB | 0.1W  | 5% | 220W  |
| R3804 | ERJ6GEYJ101 | S.M.CARB | 0.1W  | 5% | 100W  |

## SWITCHES

|       |           |        |  |
|-------|-----------|--------|--|
| S801  | ESB91232A | SWITCH |  |
| S1051 | EVQ23405R | SWITCH |  |
| S1052 | EVQ23405R | SWITCH |  |
| S1053 | EVQ23405R | SWITCH |  |
| S1054 | EVQ23405R | SWITCH |  |
| S1055 | EVQ23405R | SWITCH |  |

## TRANSFORMERS

|      |              |             |  |
|------|--------------|-------------|--|
| T501 | TLHA003      | TRANSFORMER |  |
| T551 | ZTFH65011A   | F.B.T.      |  |
| T801 | ETP35KAN615U | TRANSFORMER |  |
| T802 | ETS49AH137ND | TRANSFORMER |  |
| T803 | ETQ19K55AY   | TRANSFORMER |  |

## FILTERS

|       |            |         |        |
|-------|------------|---------|--------|
| X101  | EFCT6504BF | FILTER  |        |
| X104  | K3953-M100 | SAW     | FILTER |
| X105  | L9454M     | SAW     | FILTER |
| X106  | EFCV3195T6 | CERAMIC | FILTER |
| X107  | EFCT7004BF | CERAMIC | FILTER |
| X109  | EFCV4045T4 | CERAMIC | FILTER |
| X601  | TSSA024    | CRYSTAL |        |
| X602  | TSSA025    | CRYSTAL |        |
| X1101 | TAF10020   | CRYSTAL |        |
| X1551 | TSSA009    | CRYSTAL |        |
| X2001 | TSS4004-B  | CRYSTAL |        |
| X3501 | TSSA009    | CRYSTAL |        |

DIFFERENCES FOR MODEL TX-29AD50F/P

MISCELLANEOUS COMPONENTS

|     |              |                  |   |
|-----|--------------|------------------|---|
| 4)  | TKY8E080     | CABINET          | ⚠ |
| 7)  | TBM173052    | PANASONIC BADGE  |   |
| 8)  | A68ESF002X43 | C.R.T.           | ⚠ |
| 9)  | THT1009R     | CRT FIXING SCREW |   |
| 10) | TLK8E05125   | DEGUASS COIL     |   |
| 12) | TKU8E00270   | REAR COVER       | ⚠ |
| 13) | TBM8E1628    | MODEL LABEL      |   |
| 15) | TNPA0295AC   | D P.C.B.         | ⚠ |
| 20) | TNPH0063AB   | E P.C.B.         | ⚠ |
| 24) | TKP8E1144    | SPEAKER NET      |   |
|     | TPC8E4543    | OUTER CARTON     |   |

CAPACITORS

|      |              |         |     |      |
|------|--------------|---------|-----|------|
| C664 | ECUV1H103ZFX | S.M.CAP | 50V | 10nF |
|------|--------------|---------|-----|------|

DIODES

|      |            |       |
|------|------------|-------|
| D557 | ERC91-02J5 | DIODE |
|------|------------|-------|

INTEGRATED CIRCUITS

|        |              |       |
|--------|--------------|-------|
| IC1104 | X24C0301EU   | EAROM |
| IC1105 | 27C2001C05AC | EPROM |

COILS

|      |            |      |
|------|------------|------|
| L571 | ELC18B221L | COIL |
|------|------------|------|

DIFFERENCES FOR MODEL TX-25AD50F/P

MISCELLANEOUS COMPONENTS

|     |              |                  |   |
|-----|--------------|------------------|---|
| 4)  | TKY8E100     | CABINET          | ⚠ |
| 7)  | TBM153022    | PANASONIC BADGE  |   |
| 8)  | A59ESF002X43 | CRT              | ⚠ |
| 9)  | THE492-4     | CRT FIXING SCREW |   |
| 10) | TLK8E05120   | DEGUASS COIL     |   |
| 12) | TKU8E00280   | REAR COVER       | ⚠ |
| 13) | TBM8E1629    | MODEL LABEL      |   |
| 15) | TNPA0295AG   | D P.C.B.         | ⚠ |
| 20) | TNPH0063AG   | E P.C.B.         | ⚠ |
| 24) | TKP8E1146    | SPEAKER NET      |   |
|     | TPC8E4545    | OUTER CARTON     |   |

CAPACITORS

|      |            |         |      |       |   |
|------|------------|---------|------|-------|---|
| C848 | ECKC2H471J | CERAMIC | 500V | 470pF | ⚠ |
|------|------------|---------|------|-------|---|

DIODES

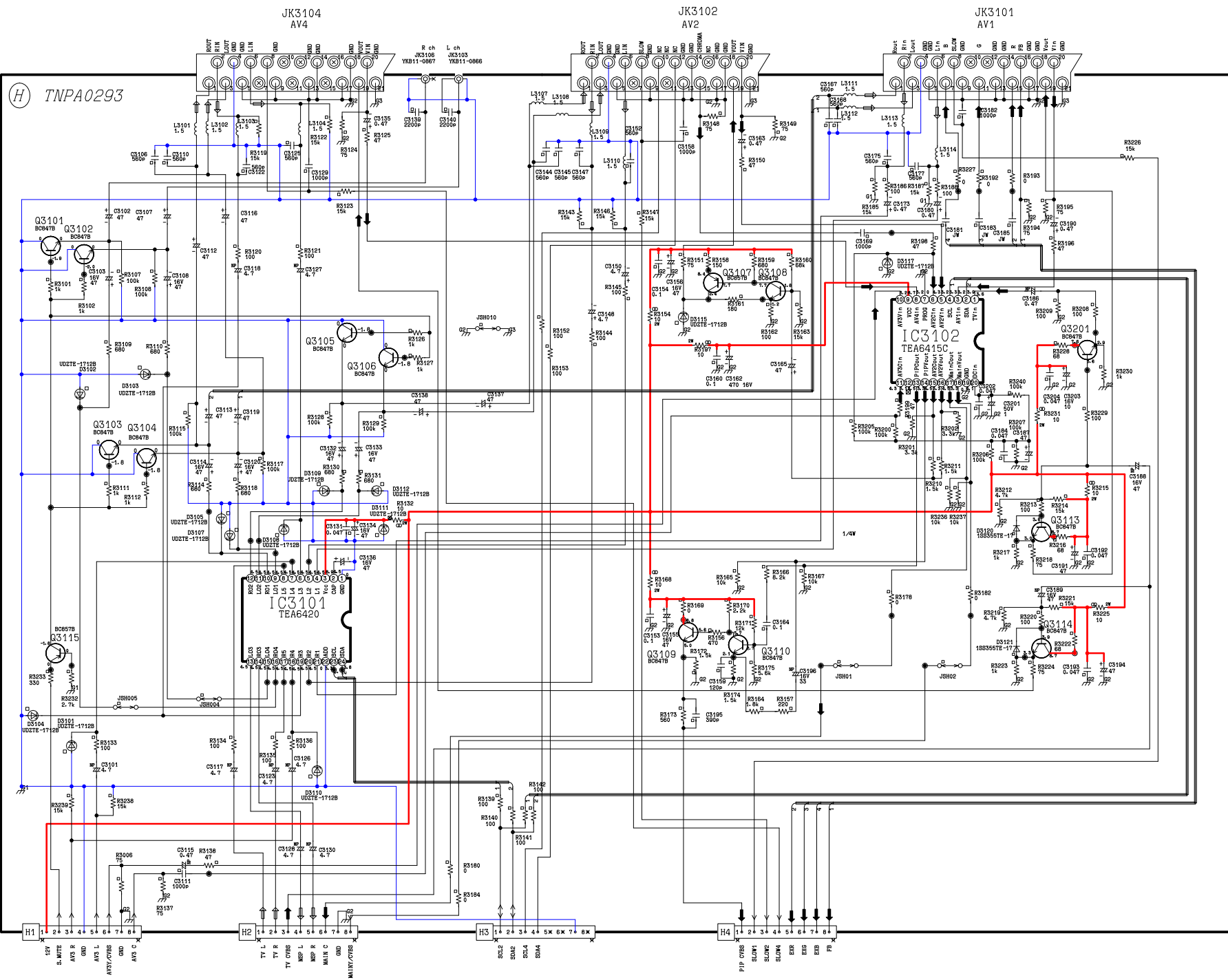
|      |            |       |
|------|------------|-------|
| D557 | ERC91-02L9 | DIODE |
|------|------------|-------|

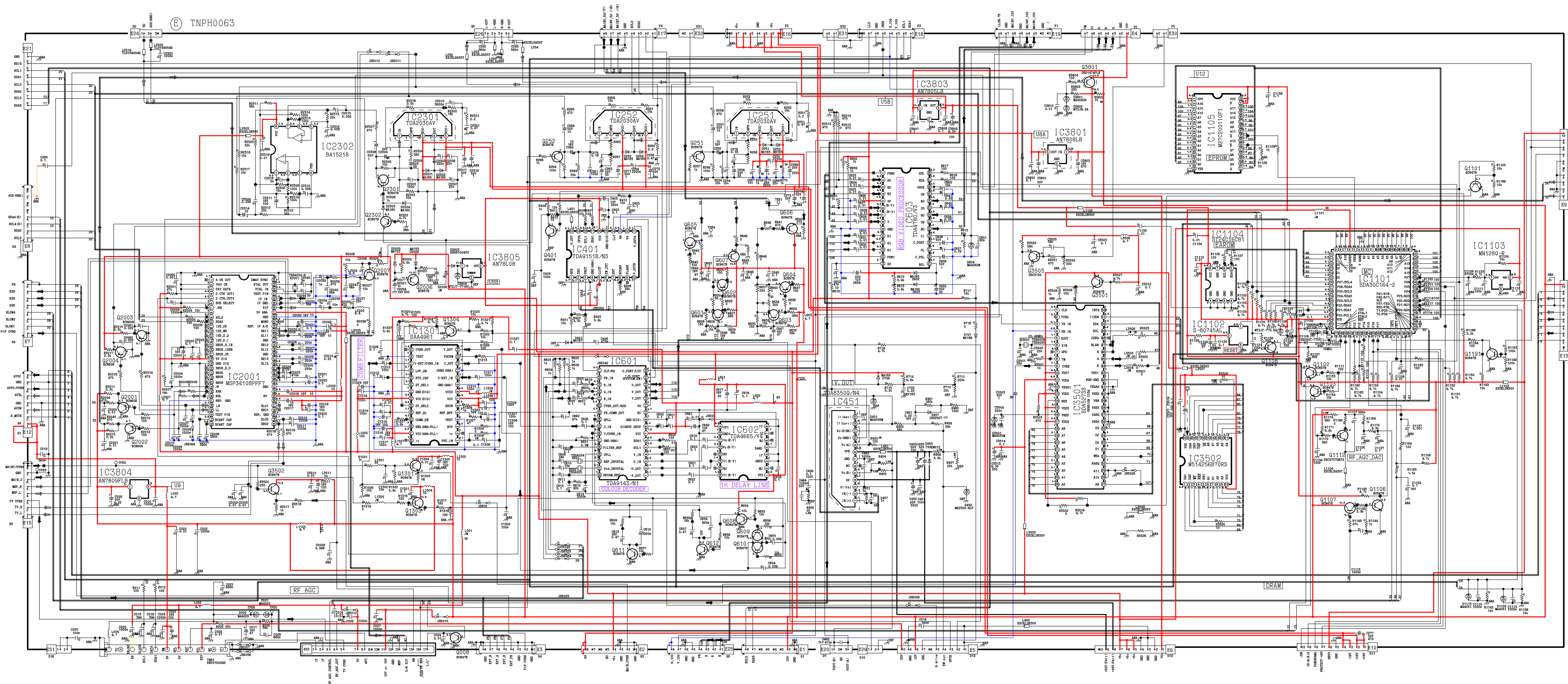
INTEGRATED CIRCUITS

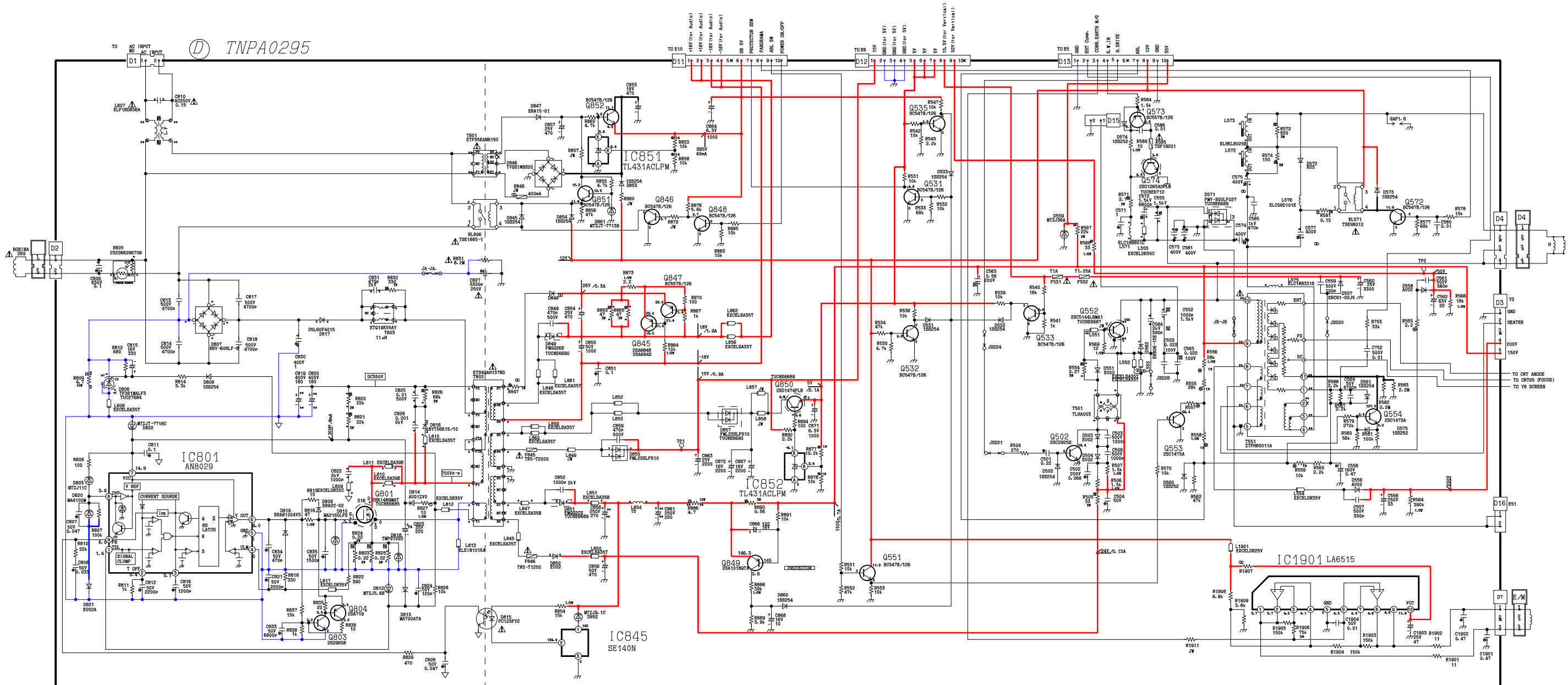
|        |              |       |
|--------|--------------|-------|
| IC1104 | X24C0301UV   | EAROM |
| IC1105 | 27C2001C05AB | EPROM |

COILS

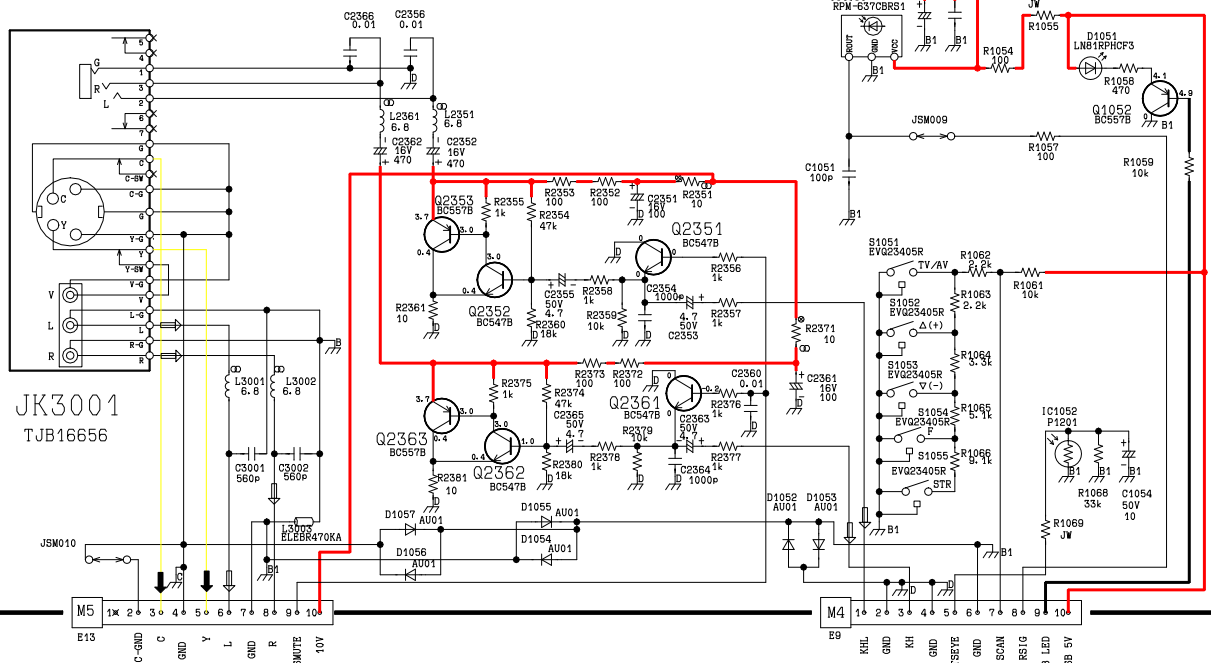
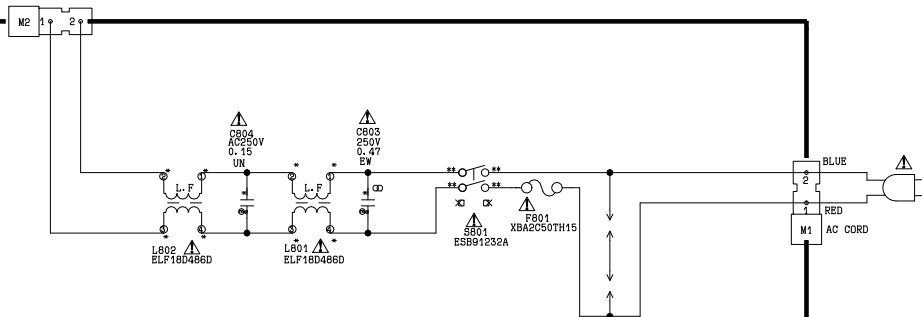
|      |            |      |
|------|------------|------|
| L571 | ELC18B331E | COIL |
|------|------------|------|



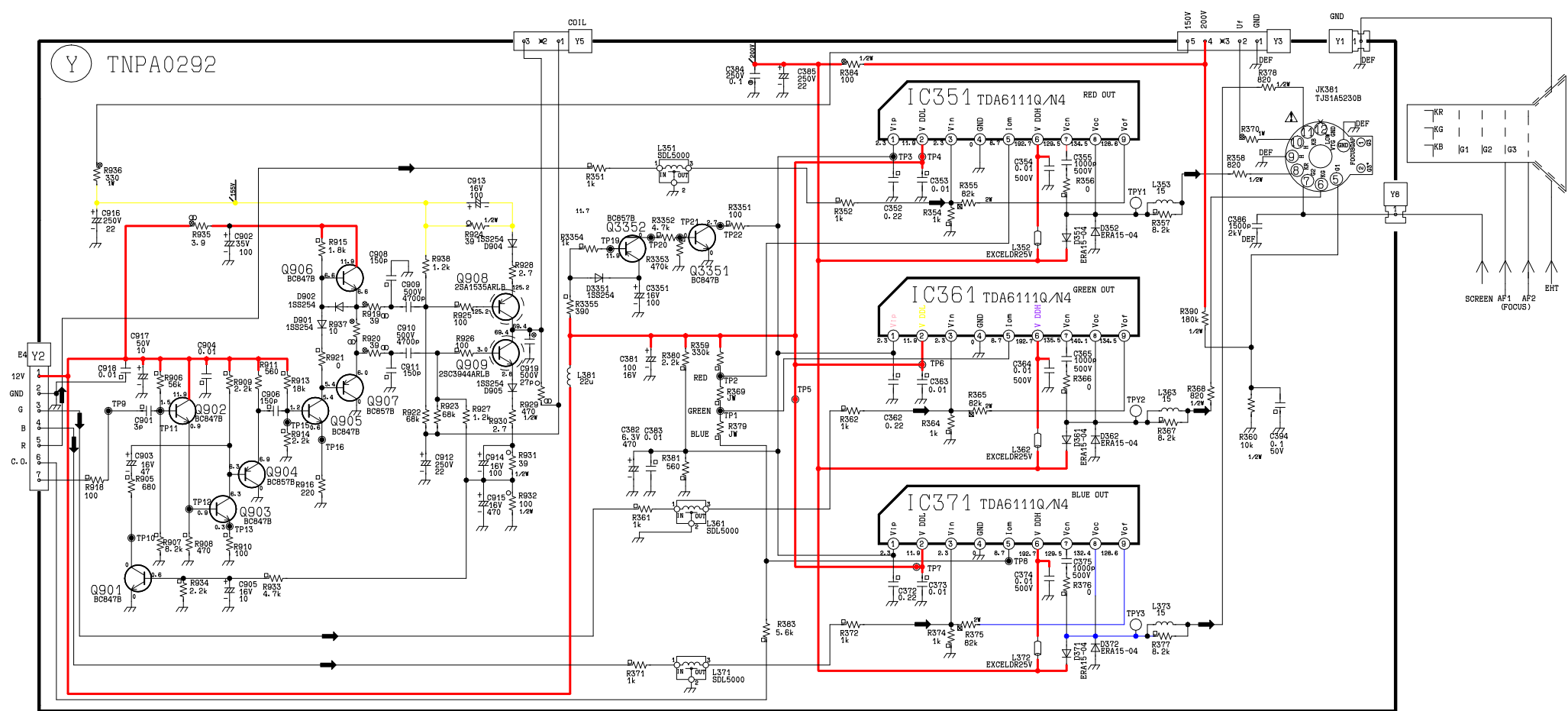


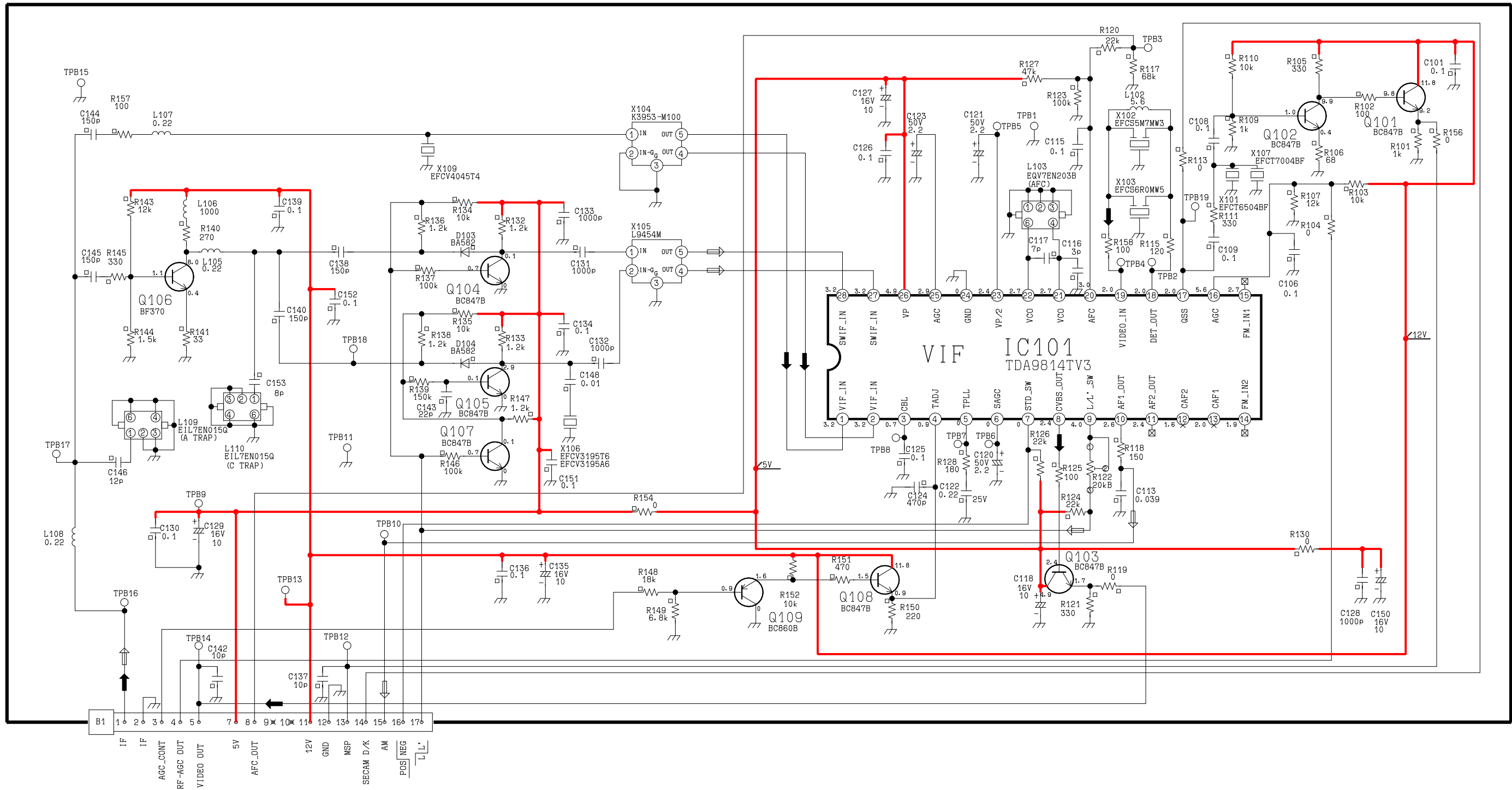




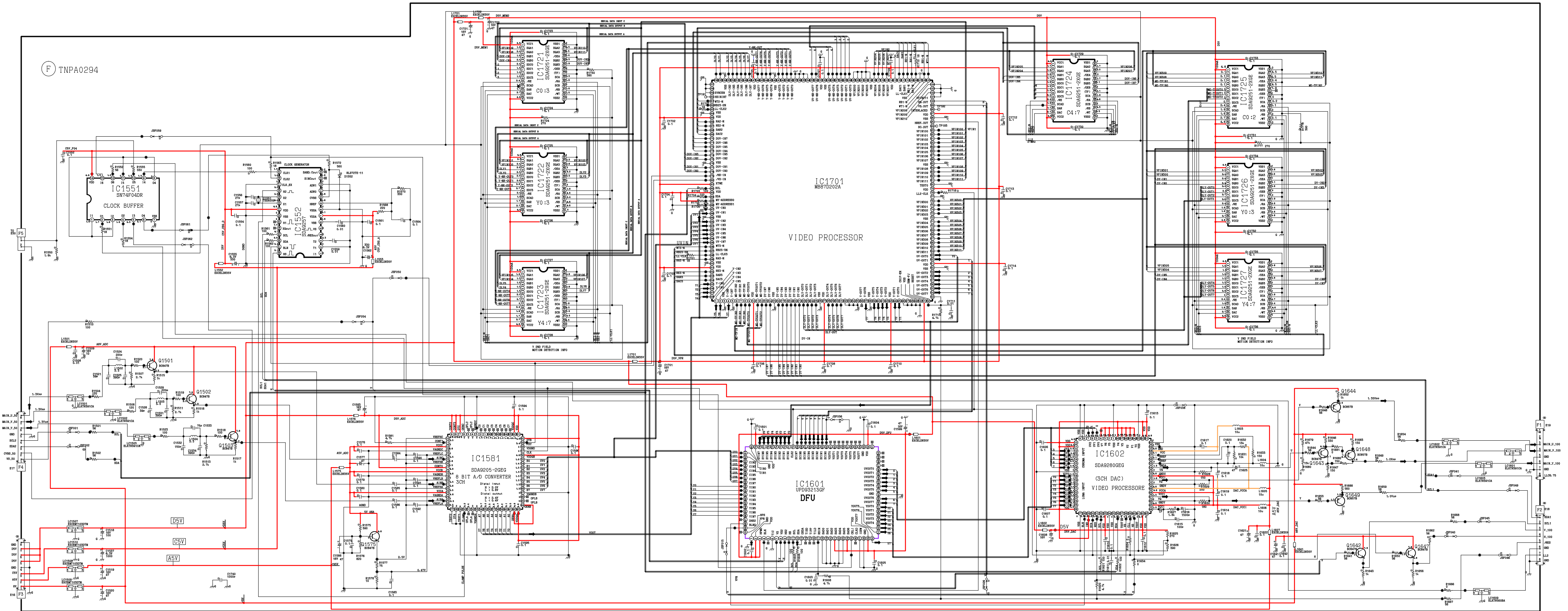


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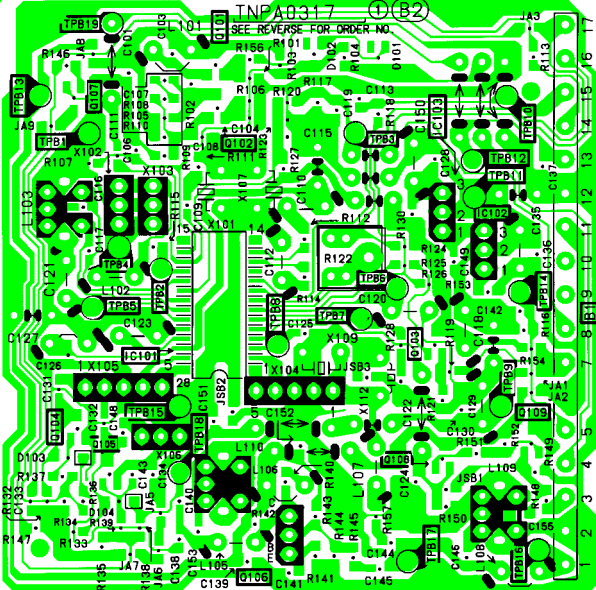




TNP A0317

① (B2)

SEE REVERSE FOR ORDER NO.

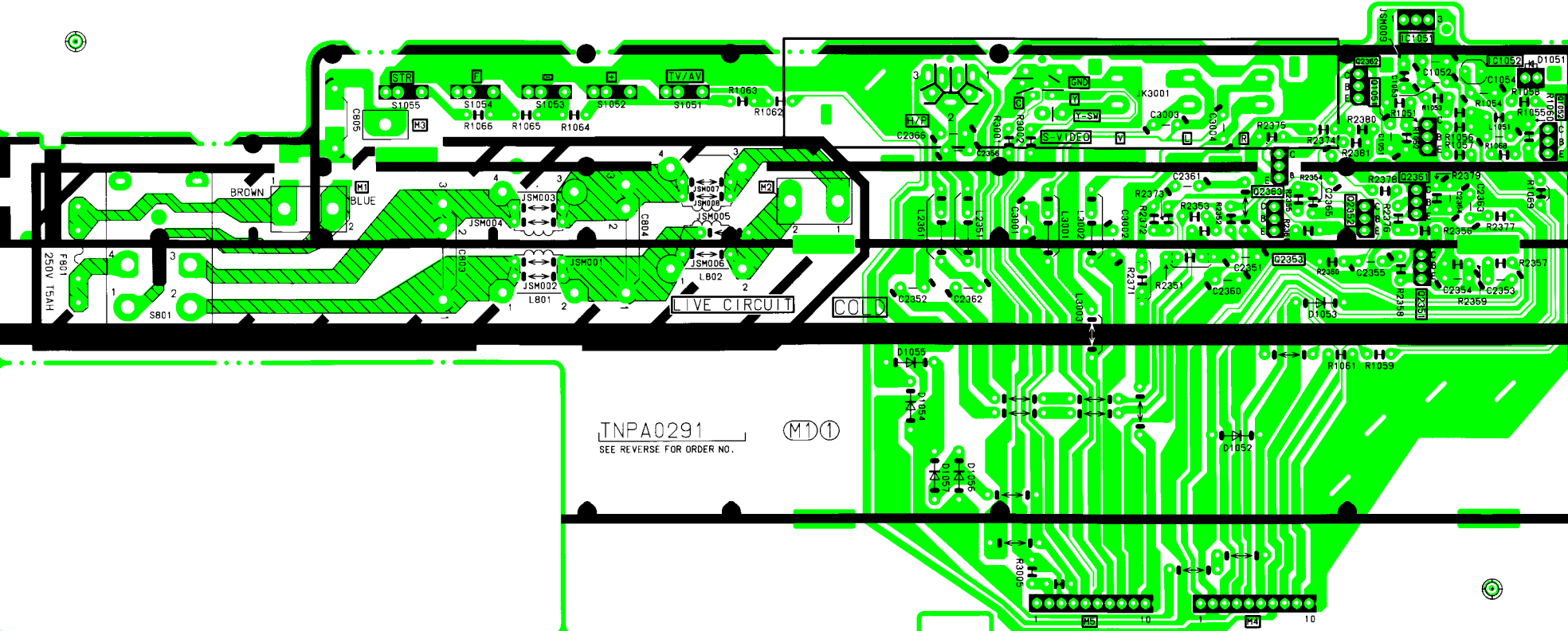


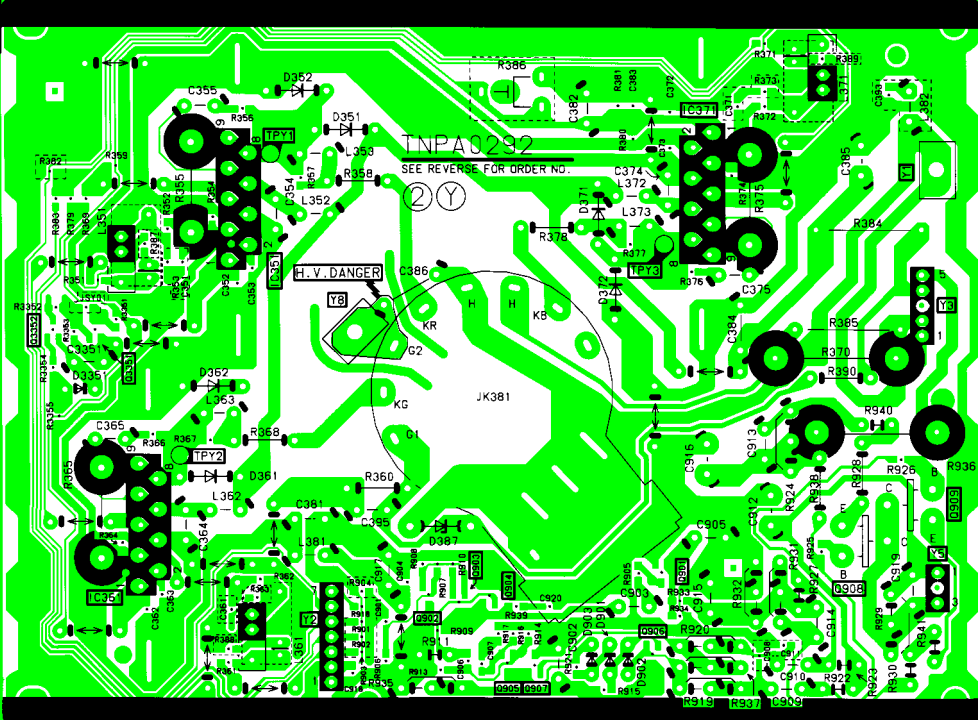












TNPA0292

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(2) (Y)

H.V. DANGER

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