

HITACHI

SERVICE MANUAL

YK**No. 0431E****50UX10B
50UX11K****NTSC****AP23 Chassis****R/C:CLU-950GR2
CLU-609**

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Refer to the 50UX7B/K/W service manual (YK No. 0403E) for the printed wiring board.

CAUTION: Before servicing this chassis, it is important that the service technician read the "Safety Precaution" and "Product Safety Notices" in this Service Manual.

SAFETY NOTICE

USE ISOLATION TRANSFORMER WHEN SERVICING

Components having special safety characteristics are identified by $\triangle$ on schematics and on the parts list in this Service Data and its supplements and bulletins. Before servicing this chassis, it is important that the service technician read and follow the "Safety Precautions" and "Product Safety Notices" in this Service Manual.

* For continued x-radiation protection, replace picture tube with original type or Hitachi approved equivalent type.

SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT.

PROJECTION COLOR TELEVISION

April 1992**CONSUMER ELECTRONICS DIVISION**

SAFETY PRECAUTIONS

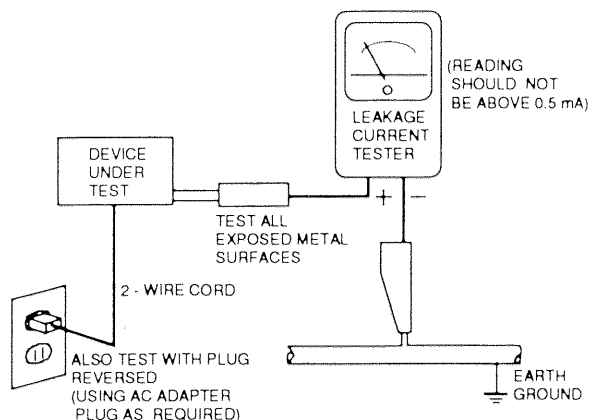
1. Before returning an instrument to the customer, always make a safety check of the entire instrument, including, but not limited to the following items:

- a. Be sure that no built-in protective devices are defective and/or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assembly in the cabinet, be sure to put back in place all protective devices, including, but not limited to, nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. **Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damage.**

- b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) spacing between the picture tube and the cabinet mask, (2) excessively wide cabinet ventilation slots, and (3) an improperly fitted and/or incorrectly secured cabinet back cover.

- c. **Antenna Cold Check** — With the instrument AC plug removed from any AC source, connect an electrical jumper across the two AC plug prongs. Place the instrument AC switch in the on position. Connect one lead of an ohmmeter to the AC plug prongs tied together and touch the other ohmmeter lead in turn to each tuner antenna input exposed terminal screw and, if applicable, to the coaxial connector. If the measured resistance is less than 1.0 megohms or greater than 5.2 megohms, an abnormality exists that must be corrected before the instrument is returned to the customer. Repeat this test with the instrument AC switch in the off position.

- d. **Leakage Current Hot Check** — With the instrument completely reassembled, plug the AC line cord directly into a 120 V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.0 Leakage Current for Appliances and Underwriters Laboratories (UL) 1410, (50.7). With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground (metal waterpipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milliamps. Reverse the instrument power cord plug in the outlet and repeat test.



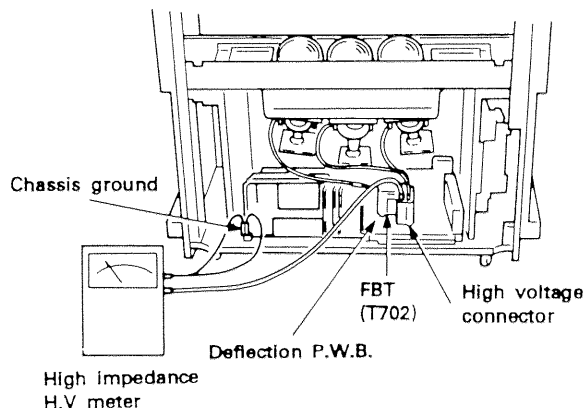
AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR BEFORE CONNECTING THE ANTENNA OR ACCESSORIES.

- e. **High Voltage** — This receiver is provided with a hold down circuit for clearly indicating that voltage has increased in excess of a predetermined value. Comply with all notes described in this Service Manual regarding this hold down circuit when servicing, so that this hold down circuit may correctly be operated.
- f. **Serviceman warning** — With minimum Black Level and Picture, operating high voltage in this receiver is lower than **31.6kV**. In case any component having influenced on high voltage is replaced, confirm that high voltage with minimum Black Level and Picture is lower than **31.6kV**.

To measure H.V. use a high impedance H.V. meter. Connect (–) to chassis earth and (+) to the CRT anode button. (See the following connection diagram).

Note: Turn power switch off without fail before the connection with Anode button is made.



g. **X-radiation — TUBE:** The primary source of X radiation in this receiver is the picture tube. The tube utilized for the above mentioned function in this chassis is specially constructed to limit X radiation emissions.

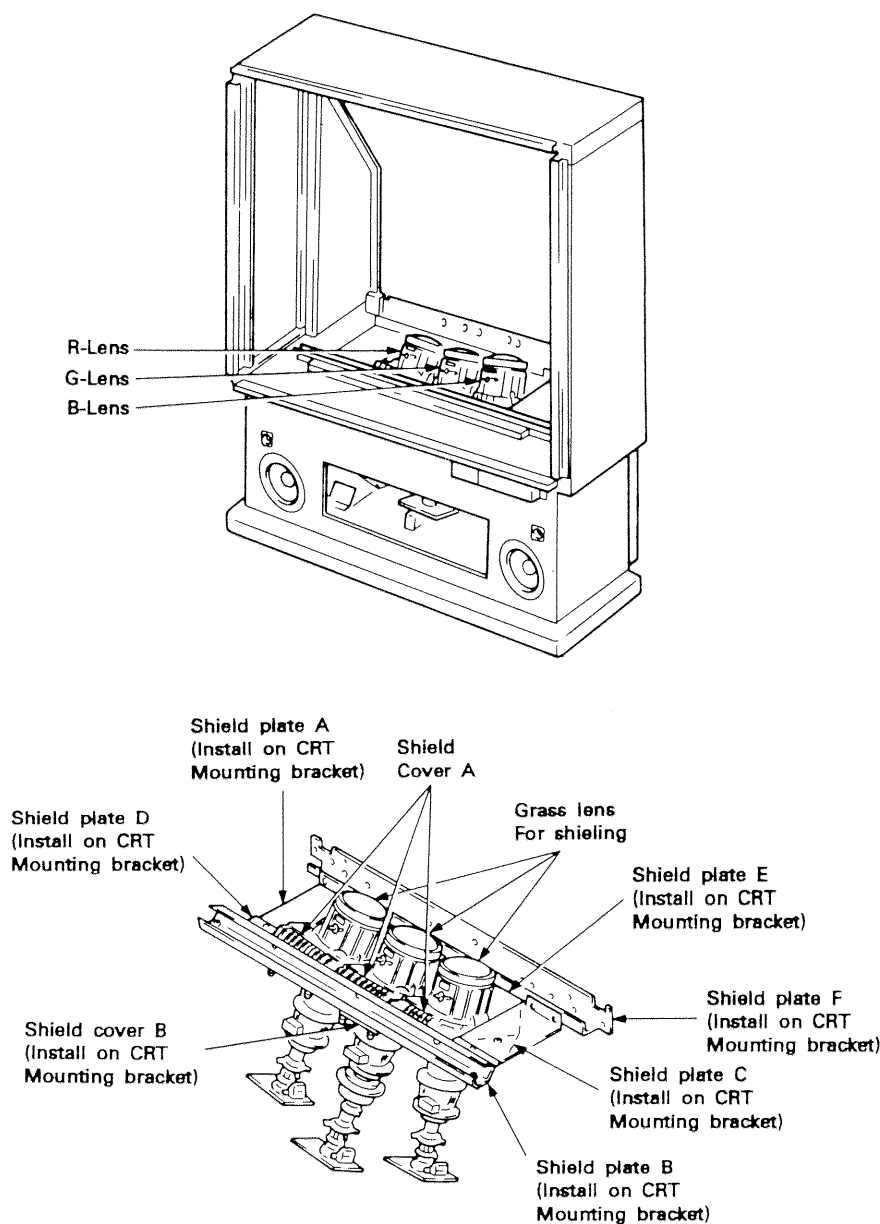
For continued X radiation protection, the replacement tube must be the same type as the original, HITACHI approved type.

When troubleshooting and making test measurements in a receiver with a problem of excessive high voltage, avoid being unnecessarily close to the picture tube and the high voltage component.

Do not operate the chassis longer than is necessary to locate the cause of excessive voltage.

h. **X-radiation Shield —**

- 1) This receiver is provided X-ray shield plates for the protection of X-radiation. Do not remove X-ray shield plates A, B, C, D, E, F and shield covers A, B shown in Fig. 1 unnecessarily, when troubleshooting and/or making test measurements.
- 2) To prevent X-radiation, after replacement of picture tube and lens, confirm these components to be fixed correctly to bracket and cabinet, and not to be taken off easily.



Detailing X-radiation shields

Fig. 1

2. Read and comply with all caution and safety-related notes on or inside the receiver cabinet, on the receiver chassis, or on the picture tube.
3. **Design Alteration Warning** — Do not alter or add to the mechanical or electrical design of this TV receiver. Design alterations and additions, including, but not limited to, circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions may void the manufacturer's warranty and may make you, the servicer responsible for personal injury or property damage resulting therefrom.
4. **Picture Tube Implosion Protection Warning** — The picture tube in this receiver employs integral implosion protection. For continued implosion protection, replace the picture tube only with one of the same type number. Do not remove, install, or otherwise handle the picture tube in any manner without first putting on shatterproof goggles equipped with side shields. People not so equipped must be kept safely away while picture tubes are handled. Keep the picture tube away from your body. Do not handle the picture tube by its neck.
5. **Hot Chassis Warning** — **a.** Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord and may be safely serviced without an isolation transformer only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC power source. To confirm that the AC power plug is inserted correctly, with an AC voltmeter measure between the chassis and a known earth ground. If a voltage reading in excess of 1.0 V is obtained, remove and reinsert the AC power plug in the opposite polarity and again measure the voltage potential between the chassis and a known earth ground. **b.** Some TV receiver chassis normally have 85 V AC (RMS) between chassis and earth ground regardless of the AC plug polarity. These chassis can be safely serviced only with an isolation transformer inserted in the power line between the receiver and the AC power source, for both personnel and test equipment protection. **c.** Some TV receiver chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.
6. Observe original lead dress. Take extra care to assure correct lead dress in the following areas: **a.** near sharp edges, **b.** near thermally hot parts — be sure that leads and components do not touch thermally hot parts, **c.** the AC supply, **d.** high voltage, and **e.** antenna wiring. Always inspect in all areas for pinched, out-of-plate, or frayed wiring. Do not change spacing between components, and between components and the printed-circuit board. Check AC power cord for damage.
7. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.
8. **PRODUCT SAFETY NOTICE** — Many TV electrical and mechanical parts have special safety-related characteristics some of which are often not evident from visual inspection, nor can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified Hitachi service data by shading on schematics and by a () in the parts list. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement part in Hitachi service data parts list might create shock, fire, and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate. For the latest information, always consult the appropriate current Hitachi service literature. A subscription to, or additional copies of Service literature may be obtained at a normal charge from Hitachi.

SERVICING PRECAUTIONS

CAUTION: Before servicing instruments covered by this service data and its supplements and addenda, read and follow the SAFETY PRECAUTIONS on page 2 of this publication.

NOTE: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions on page 2 of this publication, always follow the safety precautions. Remember: Safety First.

General Servicing Precautions

1. Always unplug the instrument AC power cord from the AC power source before:
 - a. Removing or reinstalling any component, circuit board, module, or any other instrument assembly.
 - b. Disconnecting or reconnecting any instrument electrical plug or other electrical connection.
 - c. Connecting a test substitute in parallel with an electrolytic capacitor in the instrument.

Caution: A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

- d. Discharging the picture tube anode.
2. Test high voltage only by measuring it with an appropriate high voltage meter or other voltage measuring device (DVM, FETVOM, etc.) equipped with a suitable high voltage probe. Do not test high voltage by "drawing an arc". The H.V. Distribution Box has an internal 400M Ω resistor (bleeder resistor) connected from the high voltage to ground. After power is removed from the instrument the high voltage will discharge through the high voltage bleeder resistor. If the tubes have high voltage after power is removed then the bleeder resistor is defective or the bleeder ground is disconnected.
3. Discharge the picture tubes anode at any of the R, G, or B outputs on the High Voltage distribution box only by (a) first connecting one end of an insulated clip lead to the degaussing or kine aquadag grounding system shield at the point where the picture tube socket ground lead is connected, and then (b) touch the other end of the insulated clip lead to the picture tube high voltage distribution box R, G, or B output, using an insulating handle to avoid personal contact with high voltage.
4. Do not spray chemical on or near this instrument or any of its assemblies.
5. Unless specified otherwise in these service data, clean electrical contacts by applying the following mixture to the contacts with a pipe cleaner, cotton-tipped stick or comparable nonabrasive applicator: 10% (by volume) Acetone and 90% (by volume) isopropyl alcohol (90% - 99% strength).
Caution: This is a flammable mixture.
Unless specified otherwise in these service data, lubrication of contacts is not required.
6. Do not defeat any plug/socket B+ voltage interlocks with which instruments covered by this service data might be equipped.

7. Do not apply AC power to this instrument and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.
8. Always connect the test instrument ground lead to the appropriate instrument chassis ground before connecting the test instrument positive lead. Always remove the test instrument ground lead last.
9. Use with this instrument only the test fixtures specified in this service data.

CAUTION: Do not connect the test fixture ground strap to any heatsink in this instrument.

Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

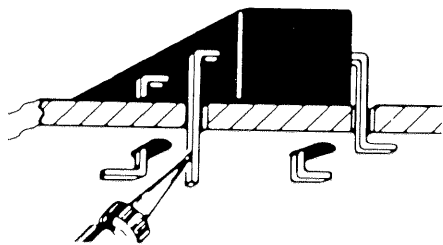
1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material.)
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

General Soldering Guidelines

1. Use a grounded-tip, low-wattage soldering iron and appropriate tip size and shape that will maintain tip temperature within the range 500°F to 600°F.
2. Use an appropriate gauge of resin-core solder composed of 60 parts tin/40 parts lead.
3. Keep the soldering iron tip clean and well tinned.
4. Thoroughly clean the surfaces to be soldered. Use a small wire-bristle (0.5 inch, or 1.25 cm) brush with a metal handle. Do not use freon-propelled spray-on cleaners.
5. Use the following unsoldering technique.
 - a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F).
 - b. Heat the component lead until the solder melts. Quickly draw away the melted solder with an antistatic, suction-type solder removal device or with solder braid.

CAUTION: Work quickly to avoid overheating the circuit board printed foil.
6. Use the following soldering technique:
 - a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F).
 - b. First, hold the soldering iron tip and solder strand against the component lead until the solder melts.
 - c. Quickly move the soldering iron tip to the junction of the component lead and the printed circuit foil, and hold it there only until the solder flows onto and around both the component lead and the foil.

CAUTION: Work quickly to avoid overheating the circuit board printed foil or components.
- d. Closely inspect the solder area and remove any excess or splashed solder with a small wire-bristle brush.



Use Soldering Iron To Pry Leads

IC Removal/Replacement

Some Hitachi unitized chassis circuit boards have slotted holes (oblong) through which the IC leads are inserted and then bent flat against the circuit foil. When holes are the slotted type, the following technique should be used to remove and replace the IC. When working with boards using the familiar round hole, use the standard technique as outlined in paragraphs 5 and 6 above.

Removal

1. Desolder and straighten each IC lead in one operation by gently prying up on the lead with the soldering iron tip as the solder melts.
2. Draw away the melted solder with an anti-static suction-type solder removal device (or with solder braid) before removing the IC.

Replacement

1. Carefully insert the replacement IC in the circuit board.
2. Carefully bend each IC lead against the circuit foil pad and solder it.
3. Clean the soldered areas with a small wire-bristle brush. (It is not necessary to reapply acrylic coating to the areas.)

"Small-signal" Discrete Transistor Removal/Replacement

1. Remove the defective transistor by clipping its leads as close as possible to the component body.
2. Bend into a "U" shape the end of each of three leads remaining on the circuit board.
3. Bend into a "U" shape the replacement transistor leads.
4. Connect the replacement transistor leads to the corresponding leads extending from the circuit board and crimp the "U" with long nose pliers to insure metal to metal contact, then solder each connection.

Power Output Transistor Devices Removal/Replacement

1. Heat and remove all solder from around the transistor leads.
2. Remove the heatsink mounting screw (if so equipped).
3. Carefully remove the transistor from the circuit board.
4. Insert new transistor in circuit board.
5. Solder each transistor lead, and clip off excess lead.
6. Replace heatsink.

Diode Removal/Replacement

1. Remove defective diode by clipping its leads as close as possible to diode body.
2. Bend the two remaining leads perpendicularly to the circuit board.
3. Observing diode polarity, wrap each lead out of the new diode around the corresponding lead on the circuit board.
4. Securely crimp each connection and solder it.
5. Inspect (on the circuit board copper side) the solder joints of the two "original" leads. If they are not shiny, reheat them and, if necessary, apply additional solder.

Fuse and Conventional Resistor Removal/Replacement

1. Clip each fuse or resistor lead at top of circuit board hollow stake.
2. Securely crimp leads of replacement component around stake 1/8 inch from top.
3. Solder the connections.

CAUTION: Maintain original spacing between the replaced component and adjacent components and the circuit board, to prevent excessive component temperatures.

Circuit Board Foil Repair

Excessive heat applied to the copper foil of any printed circuit board will weaken the adhesive that bonds the foil to the circuit board, causing the foil to separate from, or "lift-off", the board. The following guidelines and procedures should be followed whenever this condition is encountered.

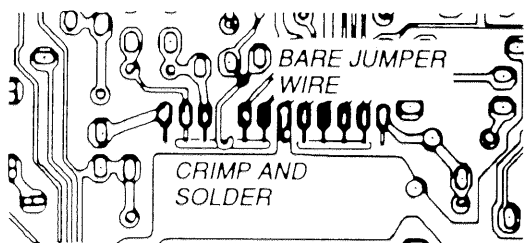
In Critical Copper Pattern Areas

High component/copper pattern density and/or special voltage/current characteristics make the spacing and integrity of copper pattern in some circuit board areas more critical than in others. The circuit foil in these areas is designated as Critical Copper Pattern and is identified and illustrated in this service data in the section titled Safety Related Copper Pattern (see table of contents for page number). Because Critical Copper Pattern requires special soldering techniques to ensure the maintenance of reliability and safety standards, contact your Hitachi personnel.

At IC Connections

To repair defective copper pattern at IC connections, use the following procedure to install a jumper wire on the copper pattern side of the circuit board. (Use this technique only on IC connections.)

1. Carefully remove the damaged copper pattern with a sharp knife. (Remove only as much copper as absolutely necessary.)
2. Carefully scratch away the solder resist and acrylic coating (if used) from the end of the remaining copper pattern.



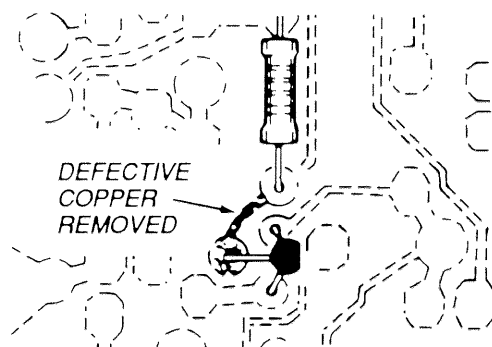
Install Jumper Wire and Solder

3. Bend a small "U" in one end of a small-gauge jumper wire and carefully crimp it around the IC pin. Solder the IC connection.

4. Route the jumper wire along the path of the cut-away copper pattern and let it overlap the previously scraped end of the good copper pattern. Solder the overlapped area, and clip off any excess jumper wire.

At Other Connections

Use the following technique to repair defective copper pattern at connections other than IC Pins. This technique involves the installation of a jumper wire on the component side of the circuit board.



Insulated Jumper Wire

1. Remove the defective copper pattern with a sharp knife. Remove at least 1/4 inch of copper, to ensure that a hazardous condition will not exist if the jumper wire opens.
2. Trace along the copper pattern from both sides of the pattern break and locate the nearest component that is directly connected to the affected copper pattern.
3. Connect insulated 20-gauge jumper wire from the lead of the nearest component on one side of the pattern break to the lead of the nearest component on the other side. Carefully crimp and solder the connections.

CAUTION: Be sure the insulated jumper wire is dressed so that it does not touch components or sharp edges.

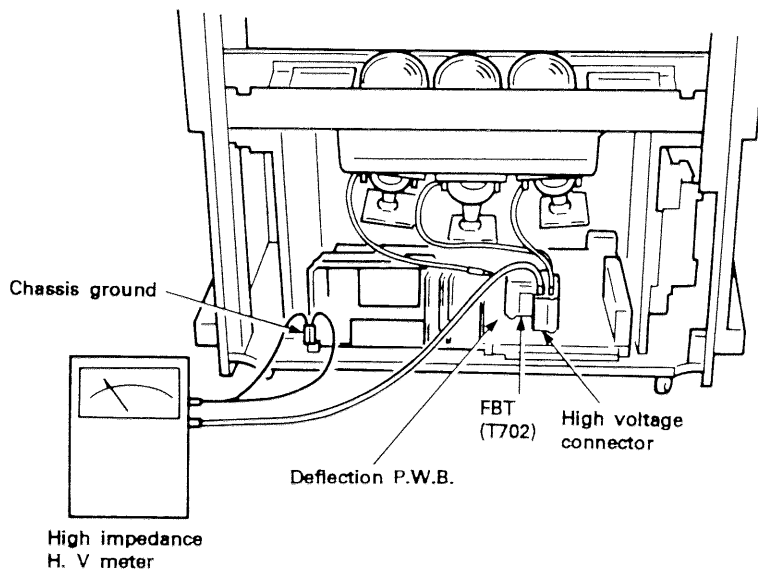
Frequency Synthesis (FS) Tuning Systems

1. Always unplug the instrument AC power cord before disconnecting or reconnecting FS tuning system cables and before removing or reinserting FS tuning system modules.
2. The FS tuner must never be disconnected from the FS tuning control module while power is applied to the instrument.
3. When troubleshooting intermittent problems that might be caused by defective cable connection(s) to the FS tuning system, remove the instrument AC power as soon as the defective connector is found and finish confirming the bad connection with a continuity test. This procedure will reduce the probability of electrical overstress of the FS system semi-conductor components.

TECHNICAL CAUTIONS

High voltage limiter circuit operation check

1. Connect the high voltage voltmeter between the high voltage connector and chassis ground as shown Fig. 2.
2. Set the AC Input voltage to 120V.
3. Set picture and black level control fully to + side (max.) of the on-screen indication.
4. Connect the jig as shown in Fig. 2 to POWER SUPPLY P.W.B.
5. Turn the 20 k Ω -B VR of the jig fully clockwise viewed from the knob side.
6. Turn on the set.
7. Gradually turn the 20 k Ω -B VR of the jig counterclockwise and check that the picture disappears when the high voltage is less than 35kV.
8. Turn off the set immediately after checking that the picture disappears.
9. Remove the jig and voltmeter.



POWER SUPPLY P.W.B. (Front view)

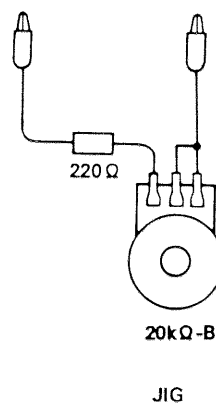
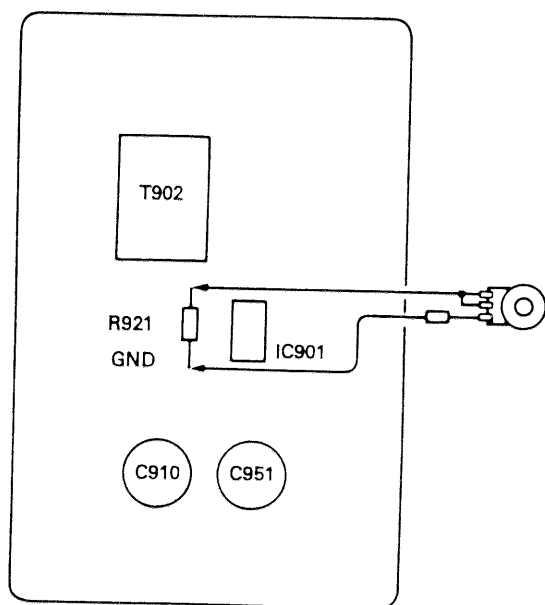


Fig. 2

SPECIFICATIONS

Model:	50UX10B 50UX11K	Anode Voltage:	30.0 kV (Zero Beam Current)
Cathode-Ray tube:	80° deflection 7 inch. (180CZB22R/180CGB22G/ 180CZB22B)	Brightness:	500 ft-L Nominal (Peak White)
Power Input:	120 volts AC, 60Hz	Speakers:	2 Woofers – 6 inch (16 cm) round
Power Consumption:	310 watts – Maximum 210 watts – Operating		2 Tweeters – 2 inch (5 cm) round
Antenna Impedance:	75 ohm Unbalanced VHF/UHF/CATV	Dimension:	Width . . . 43-5/32 Height . . . 51-57/64 Depth . . . 26-31/64
Receiving Channel:	CH VHF 2-13 UHF 14-69 EXT. Mid (A-2)-(A-1), 4+ CATV Mid A-I CATV Super J-W CATV Hyper (W + 1)-(W + 28) CATV Ultra (W + 29)-(W + 53)	Circuit Board Assemblies:	CPT (B) P.C.B CPT (G) P.C.B CPT (R) P.C.B Convergence Correction P.C.B Signal P.C.B Power Supply P.C.B Deflection P.C.B 3-Way P.C.B Pro-Logic P.C.B P in P Selector P.C.B SP Terminal P.C.B Control P.C.B
Intermediate Frequency:	Picture I-F Carrier 45.75 MHz Sound I-F Carrier 41.25 MHz Color Sub Carrier 42.17MHz		
Video Input:	1 Voltp-p 75 ohm		
Video Output:	1 Voltp-p 75 ohm		
Audio Input:	0.4 volt rpm, 40 k ohm		
Stereo Audio Output:	0.4 volt rpm, 1 k ohm		
Audio Output Power:	Front – 10 watts rms per channel, 8 ohm impedance. Rear – 5 watts rms per channel, 8 ohm impedance.		

CIRCUIT PROTECTION

Fuse (or Device)	Circuit Protected	Physical location
F901 5.0A-125V (AC)	Main Fuse	Signal Circuit Board
F903 4.0A-125V (DC)	“	Power Supply Circuit Board
F904 4.0A-125V (DC)	Audio Output Circuit	Power Supply Circuit Board
F905 1.6A-125V (DC)	Deflection Circuit	Power Supply Circuit Board

GENERAL INFORMATION

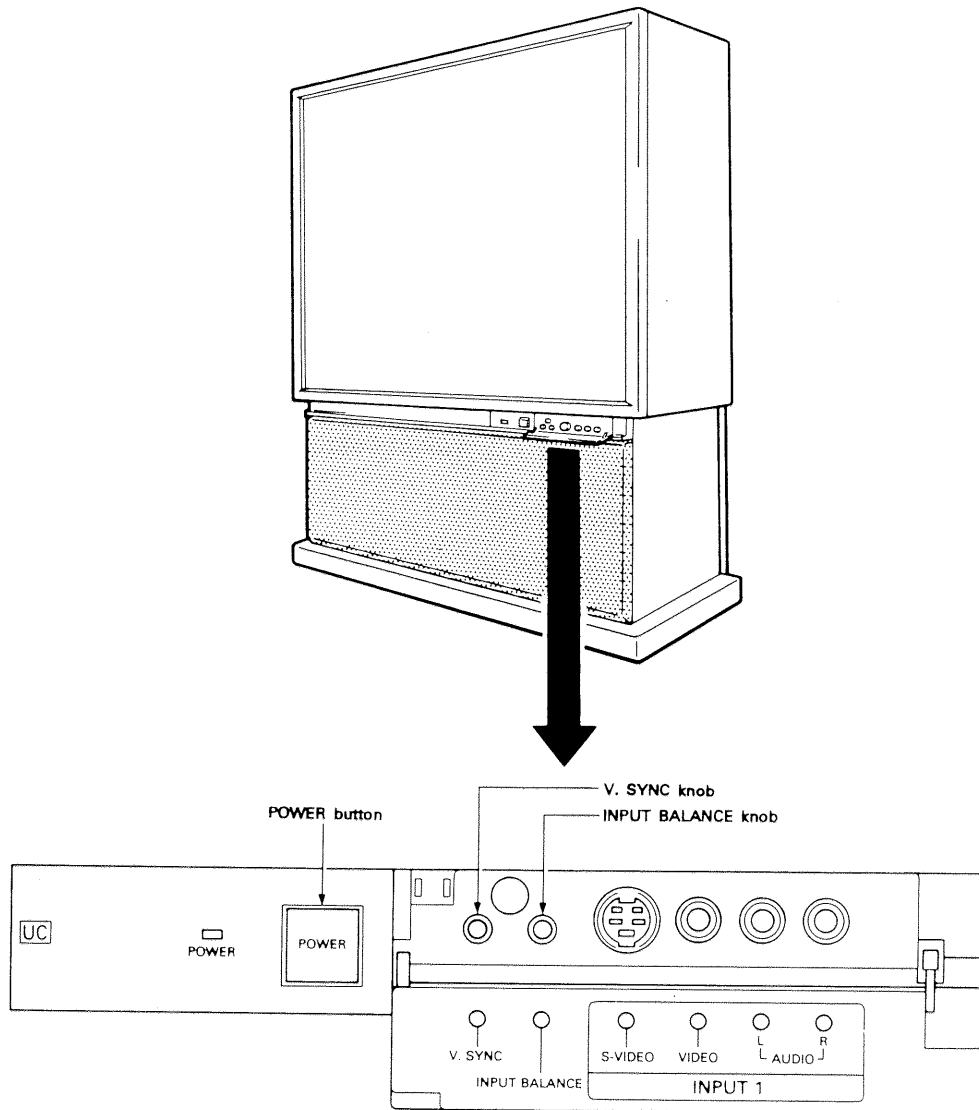


Fig. 3 Control panel

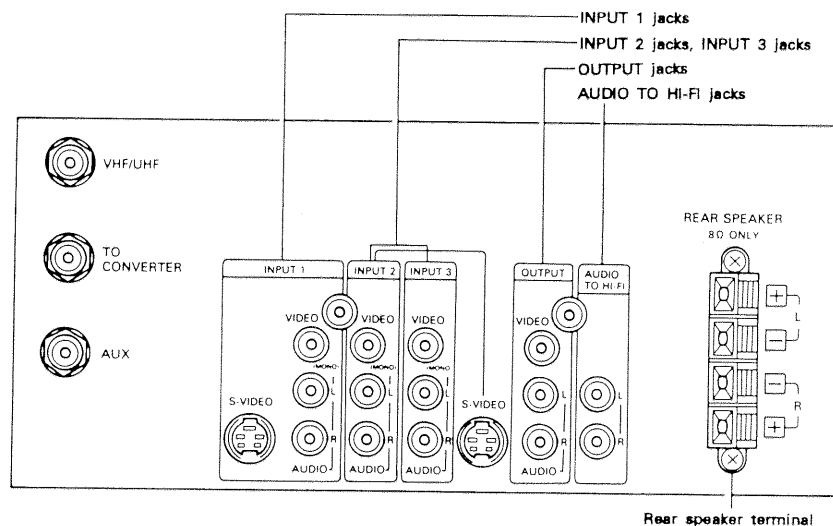
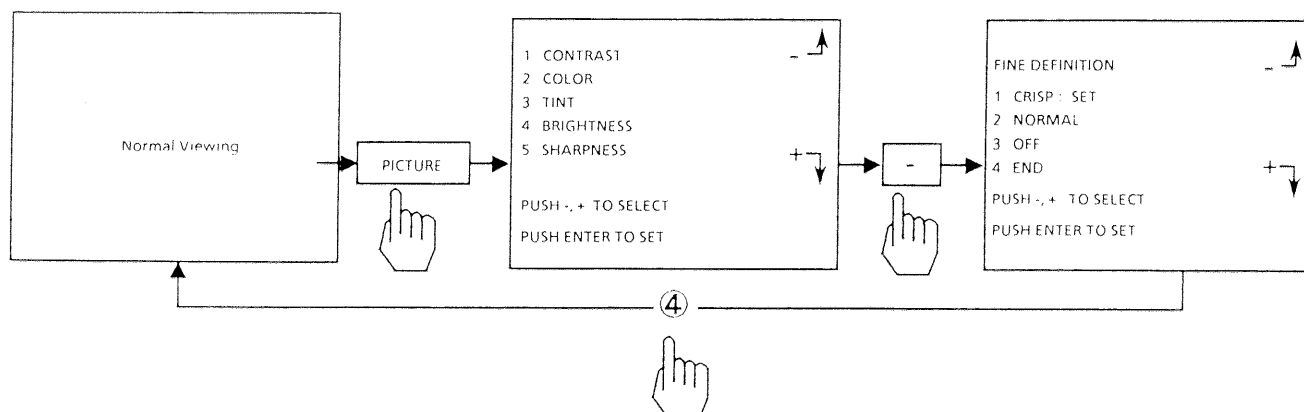


Fig. 4 Monitor connection panel

ADJUSTING FOR PICTURE AND SOUND FUNCTIONS

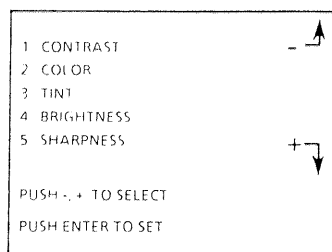
PICTURE BUTTON

Press this button to display the following picture adjustment:

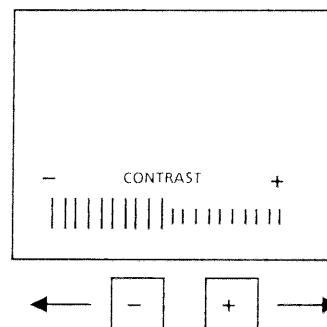


Example – “CONTRAST” adjustment

(1) Press “PICTURE” button on Remote Control.



(2) Press number button “1” to select CONTRAST.



Press “-” button to decrease contrast, or press “+” button to increase contrast.

Adjustment for Picture

• CONTRAST adjustment

The “CONTRAST” function adjusts the overall brightness and contrast of the picture.

- (1) Press PICTURE button once to get Picture adjustment menu.
- (2) Press number button “1” or “ENTER” button to select CONTRAST.
- (3) Press “+” button repeatedly to increase contrast, or press “-” button repeatedly to decrease contrast.

• COLOR adjustment

The “COLOR” function adjusts the amount of color in the picture.

- (1) Press PICTURE button once to get Picture adjustment menu.

(2) Press number button “2” to select COLOR.

(3) Press “+” button repeatedly to increase color, or press “-” button repeatedly to decrease color.

• TINT adjustment

The “TINT” function adjusts the color of flesh tones.

- (1) Press PICTURE button once to get Picture adjustment menu.
- (2) Press number button “3” to select TINT.
- (3) Press “+” button repeatedly to add more red tint, or press “-” button repeatedly to add more green tint.

● BRIGHTNESS

The "BRIGHTNESS" function adjusts the brightness of the dark portion of the picture.

- (1) Press PICTURE button once to get Picture adjustment menu.
- (2) Press number button "4" to select BRIGHTNESS.
- (3) Press "+" button repeatedly to increase brightness, or press "-" button repeatedly to decrease brightness.

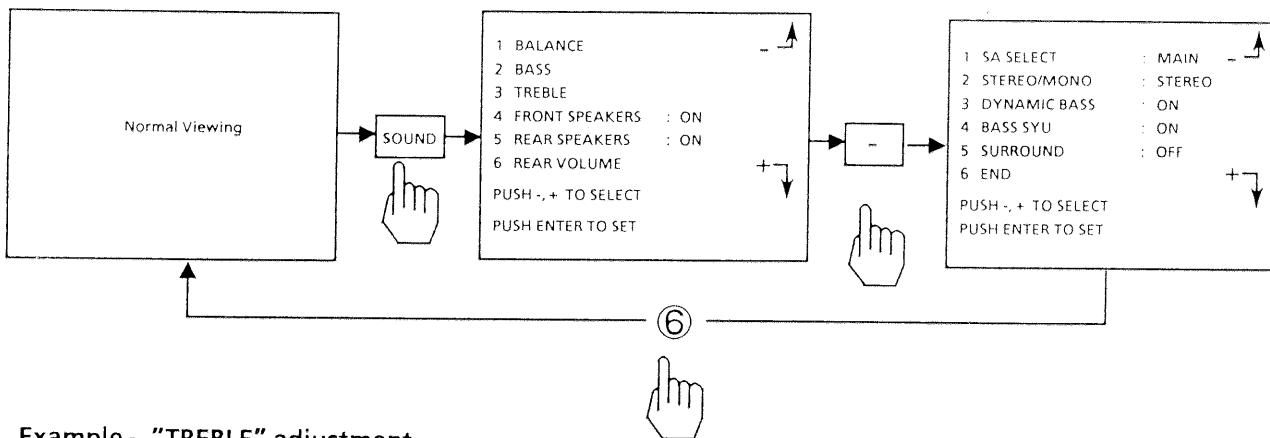
● SHARPNESS

The "SHARPNESS" function adjusts picture sharpness.

- (1) Press PICTURE button once to get Picture adjustment menu.
- (2) Press number button "5" to select SHARPNESS.
- (3) Press "+" button repeatedly to increase sharpness, or press "-" button repeatedly to decrease sharpness.

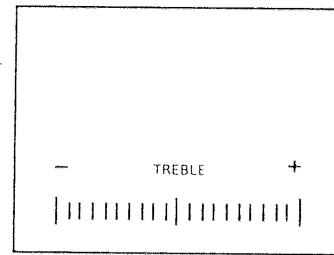
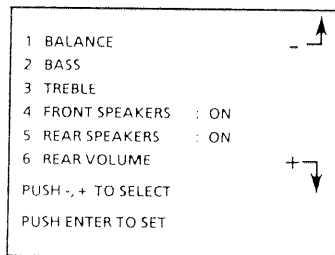
SOUND BUTTON

Press this button to display the following sound adjustment:



Example – "TREBLE" adjustment

- (1) Press "SOUND" button on remote control.
- (2) Press number button "3" to select TREBLE.



Press "-" button to decrease treble, or press "+" button to increase treble.

Adjustment for Sound

● BALANCE adjustment

The "BALANCE" function adjusts the right / left balance of sound from the speakers.

- (1) Press SOUND button once to get Sound adjustment menu.
- (2) Press number button "1" to select BALANCE.
- (3) Press "+" button repeatedly to increase sound level from right speaker, or press "-" button repeatedly to increase sound level from left speaker.

● BASS adjustment

The "BASS" function adjusts the low frequency audio.

- (1) Press SOUND button once to get Sound adjustment menu.
- (2) Press number button "2" to select BASS.
- (3) Press "+" button repeatedly to increase bass, or press "-" button repeatedly to decrease bass.

- TREBLE adjustment

The "TREBLE" function adjusts the high frequency audio.

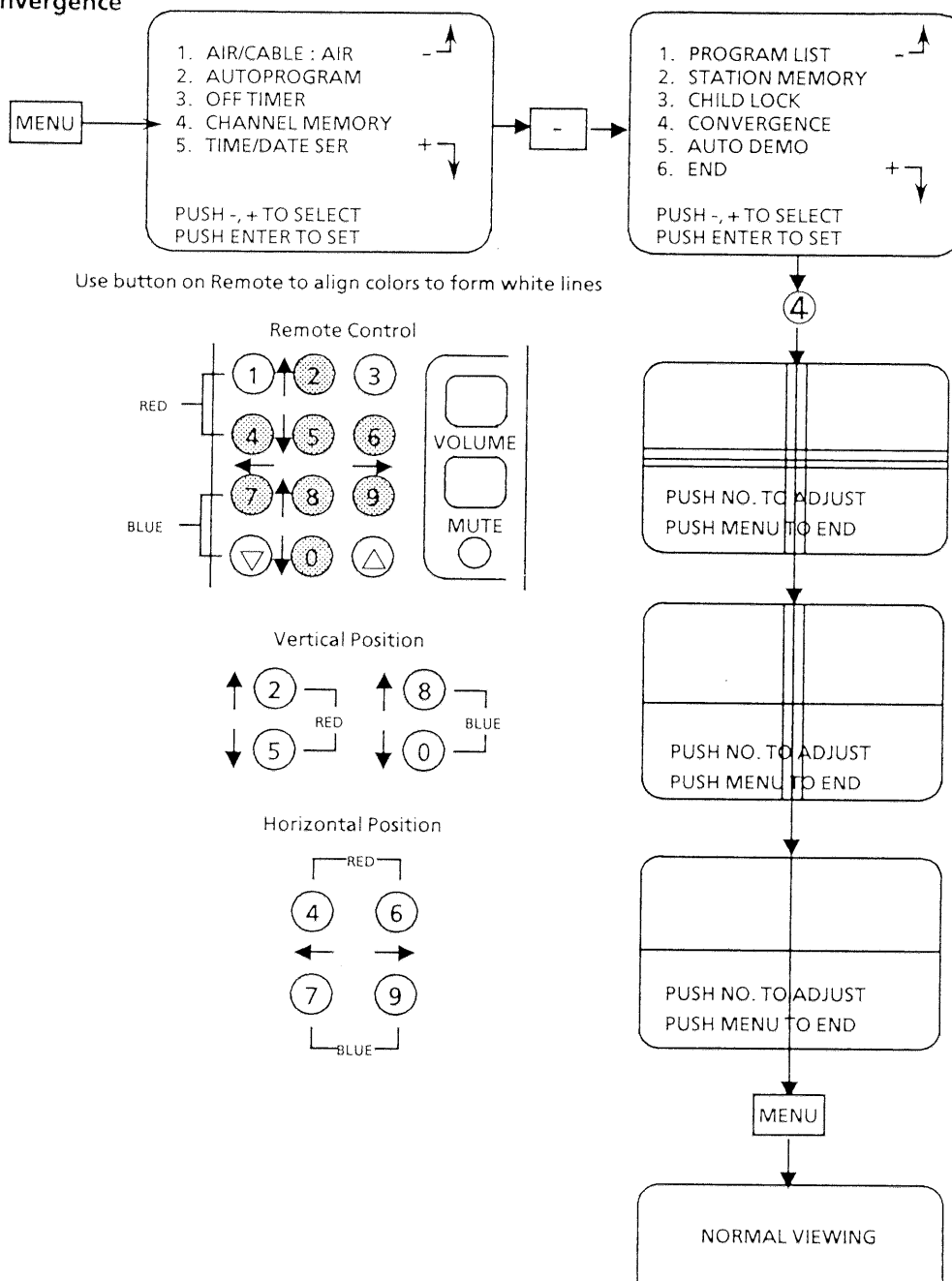
- (1) Press SOUND button once to get Sound adjustment menu.

- (2) Press number button "3" to select TREBLE.

- (3) Press "+" button repeatedly to increase bass, or press "-" button repeatedly to decrease bass.

CONVERGENCE ADJUSTMENT

Static Convergence



CAUTIONS WHEN CONNECTING/DISCONNECTING THE HV CONNECTOR

Perform the following when the HV connector (anode connector) is removed or inserted for CPT replacement, etc.

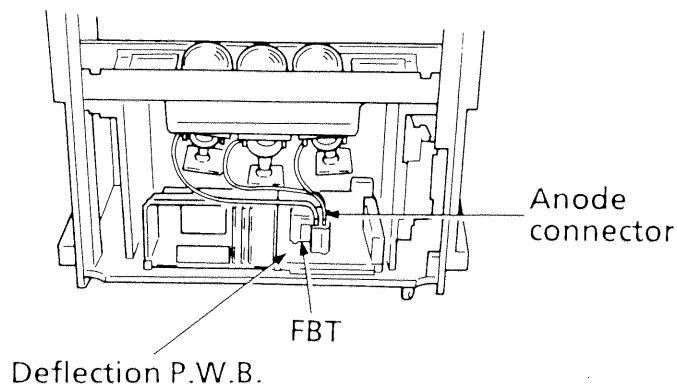


Fig. 5

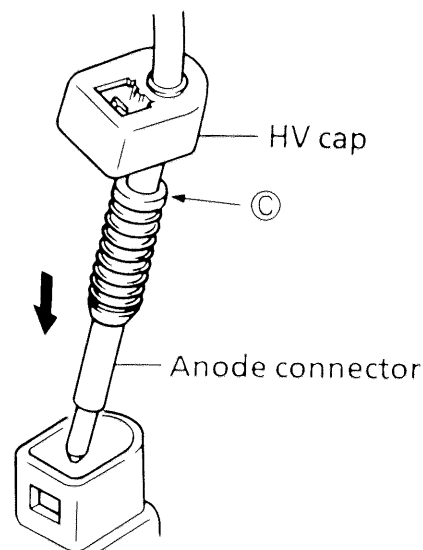


Fig. 7

• During removal

- (1) Insert a small flat-bladed screwdriver (adjustment screwdriver : 5 - 7 mm wide and 0.2 - 0.3 mm thick) into section ① in Fig.6 and then push it in the direction of arrow ②. The lock will release with a click. (The state in Fig.8 - (1) will change to that in Fig.8 - (2).)

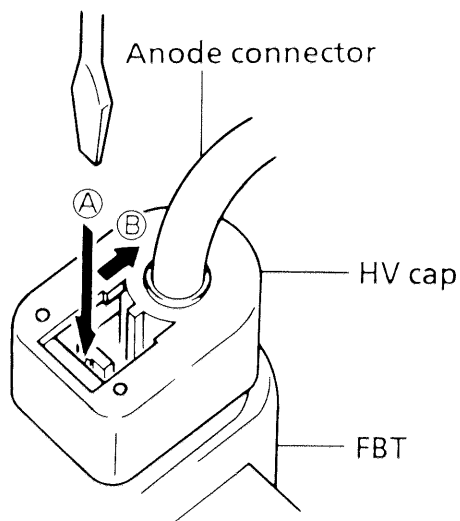
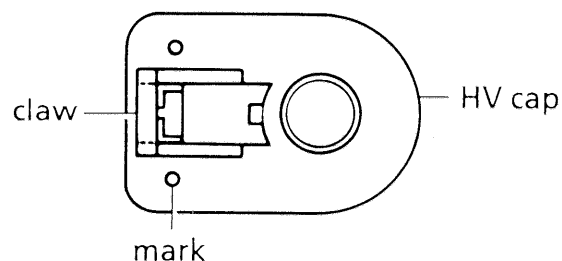


Fig. 6

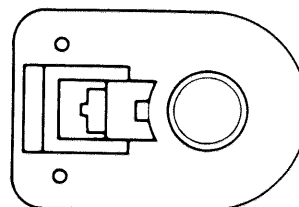
- (2) Remove the HV cap and remove the anode connector (Fig. 7).

• During insertion

- (1) Insert the anode connector deep into the FBT (to section ③ in Fig.7) and then push the HV cap into the FBT until it clicks.
- (2) Make sure the connector is securely inserted. (Check that the claw is at the mark on the HV cap shown as in Fig.8 - (1).)



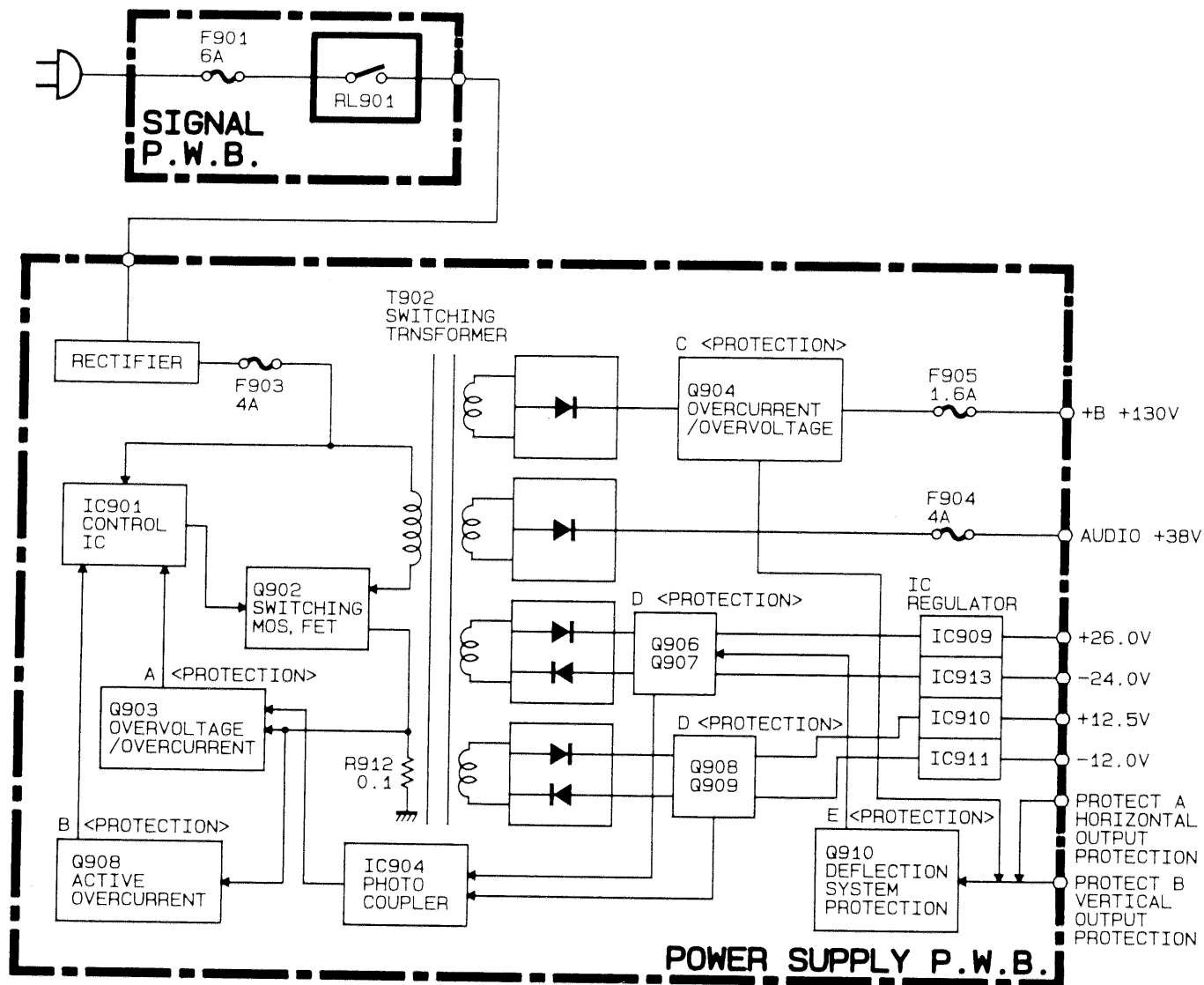
- (1) Lock on
(When connector is inserted)



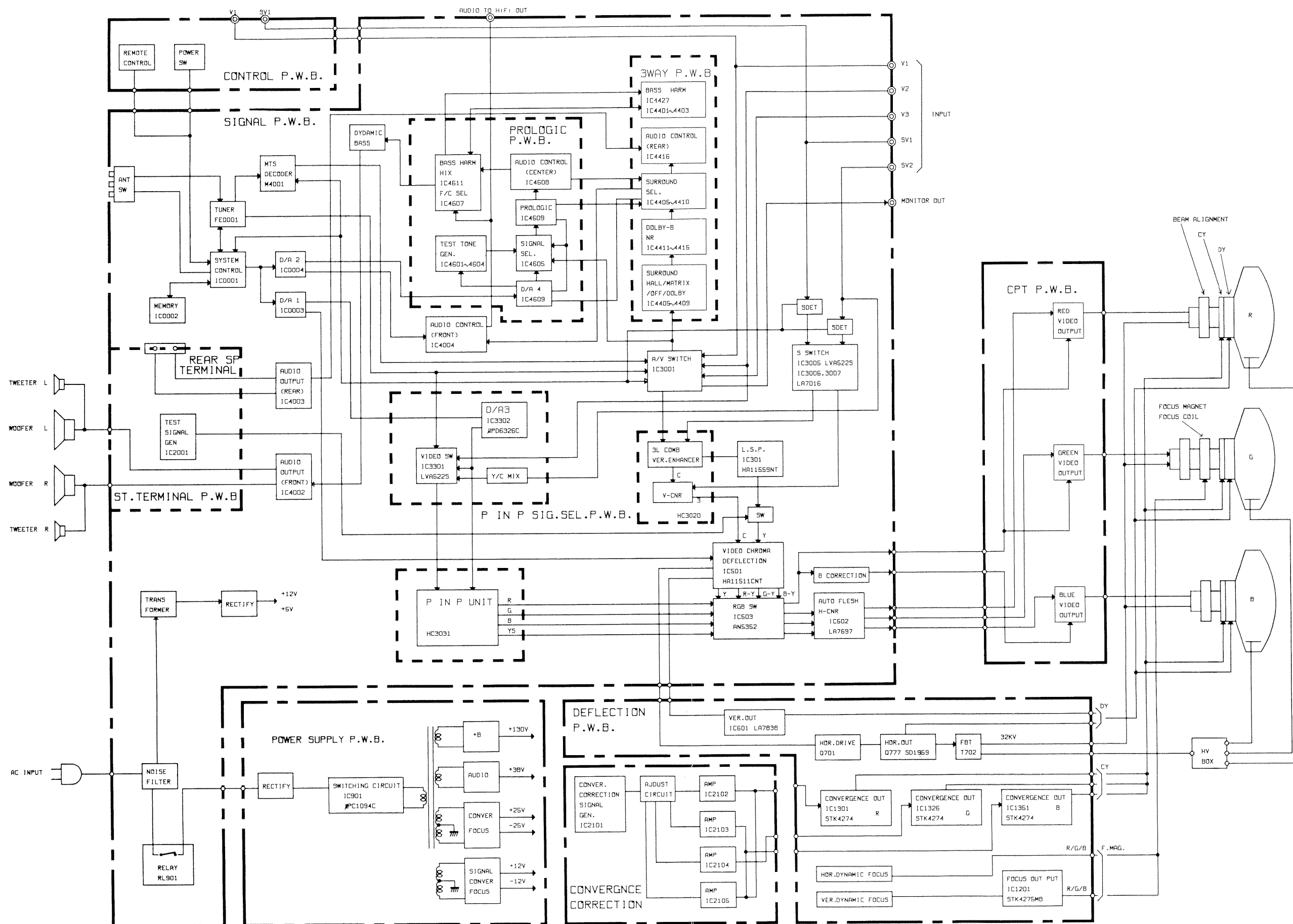
- (2) Release
(When connector is removed)

Fig. 8

PROTECT CIRCUIT BLOCK DIAGRAM

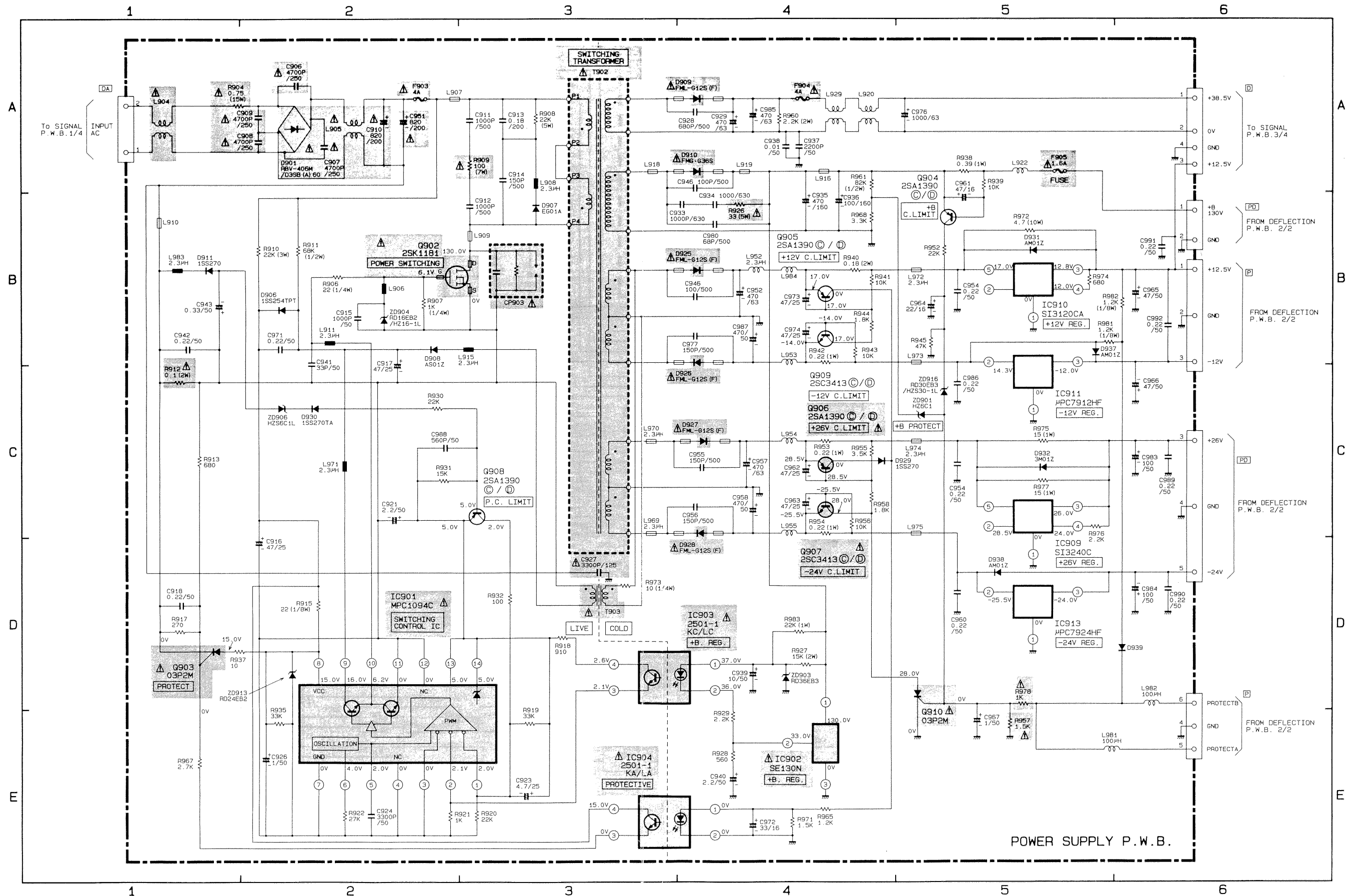


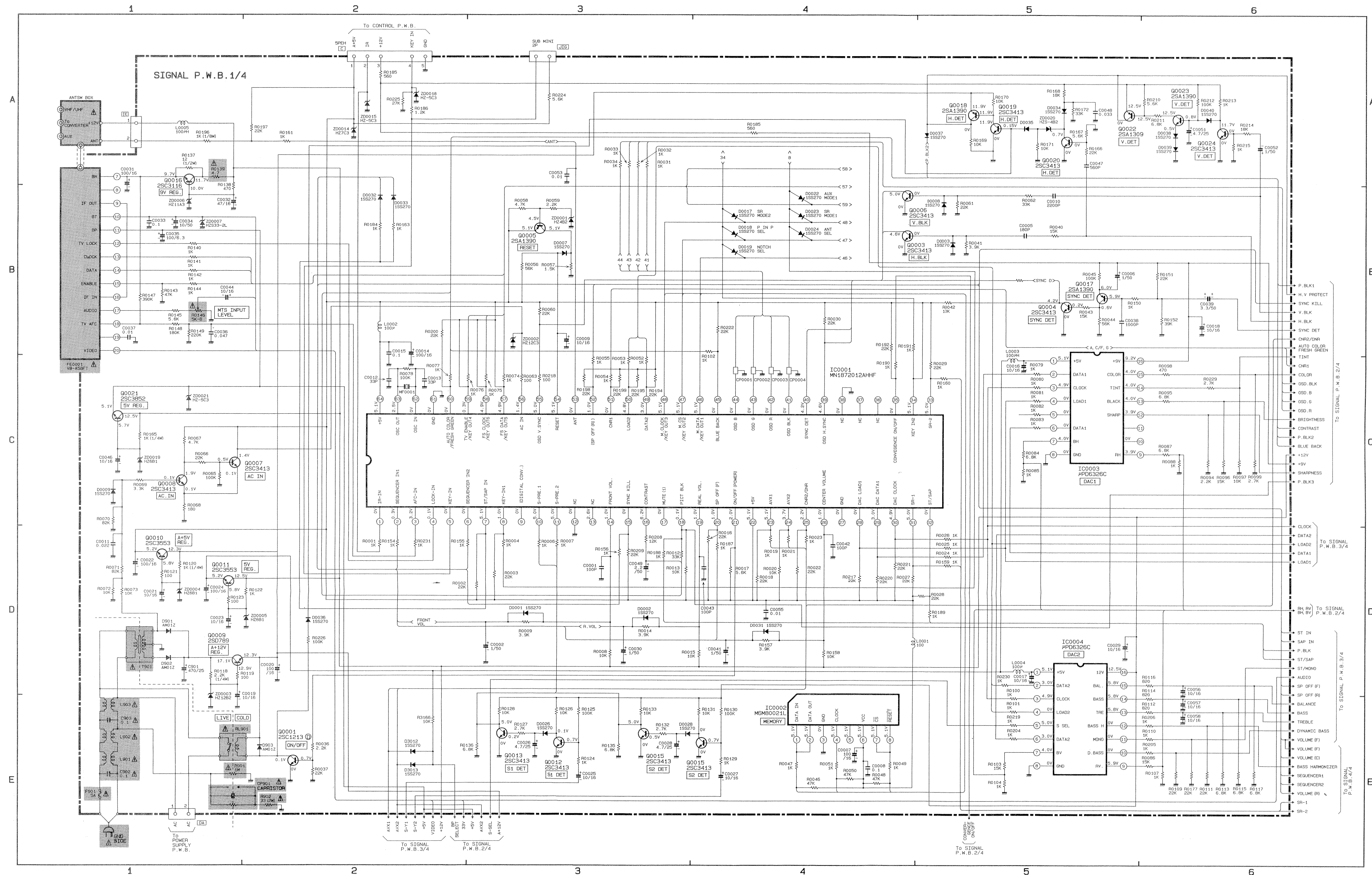
BLOCK DIAGRAM



BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a Δ and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.

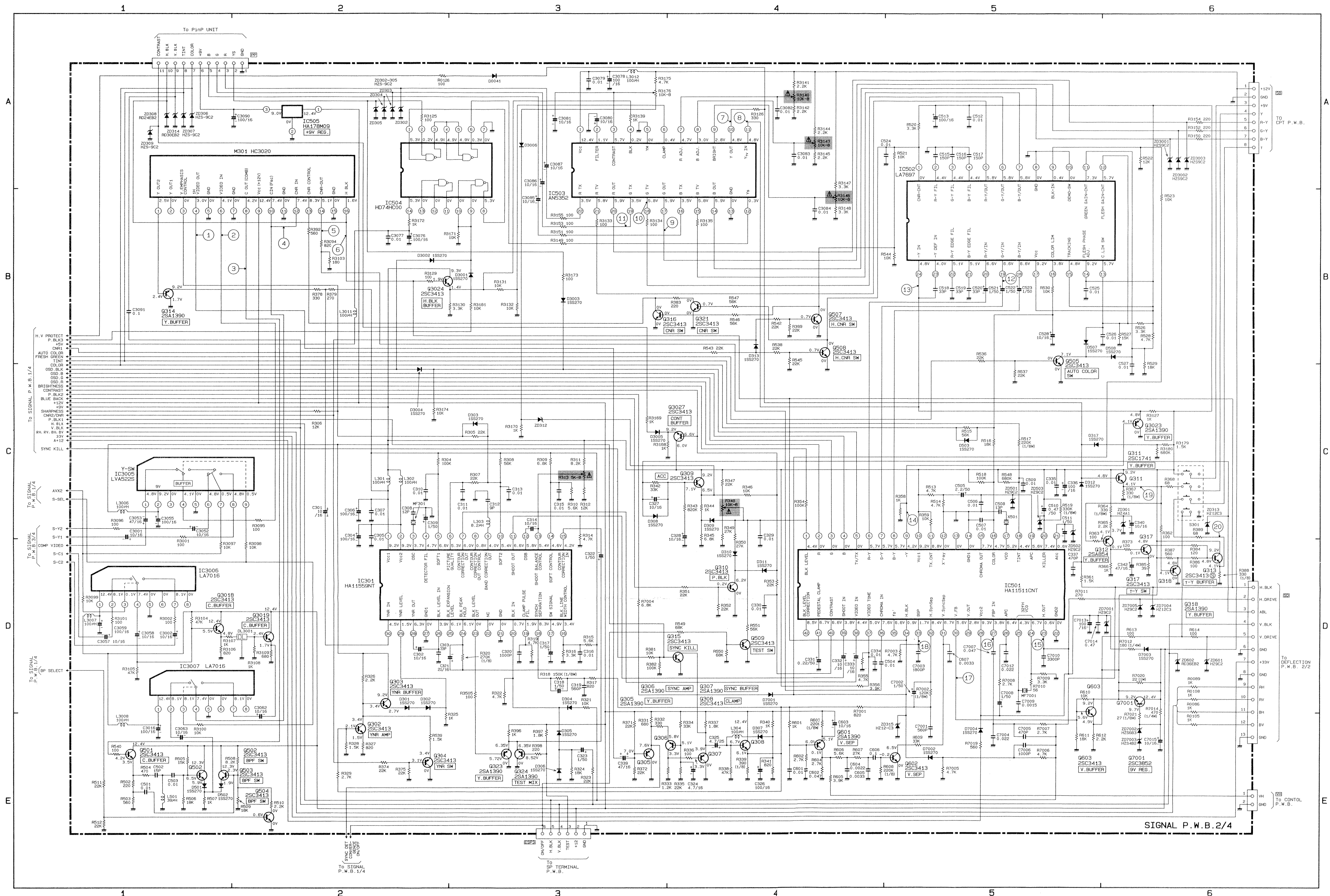




- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.
- All DC voltage to be measured with a tester (100k Ω /V). Voltage taken on a complex color bar signal including a standard color bar signal.

PRODUCT SAFETY NOTE: Components marked with a Δ and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though Improper servicing.

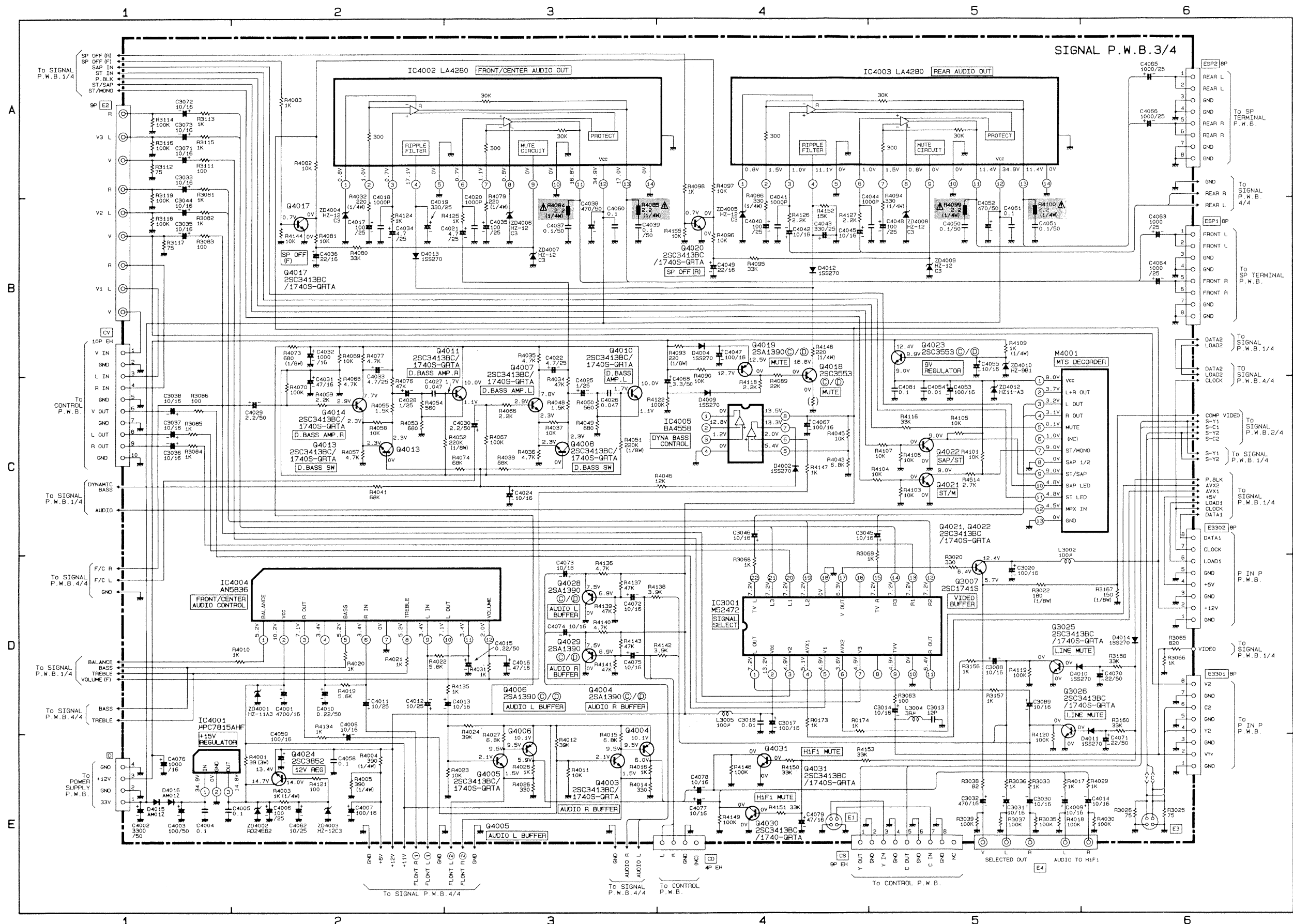
BASIC CIRCUIT DIAGRAM



• Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.
• All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.

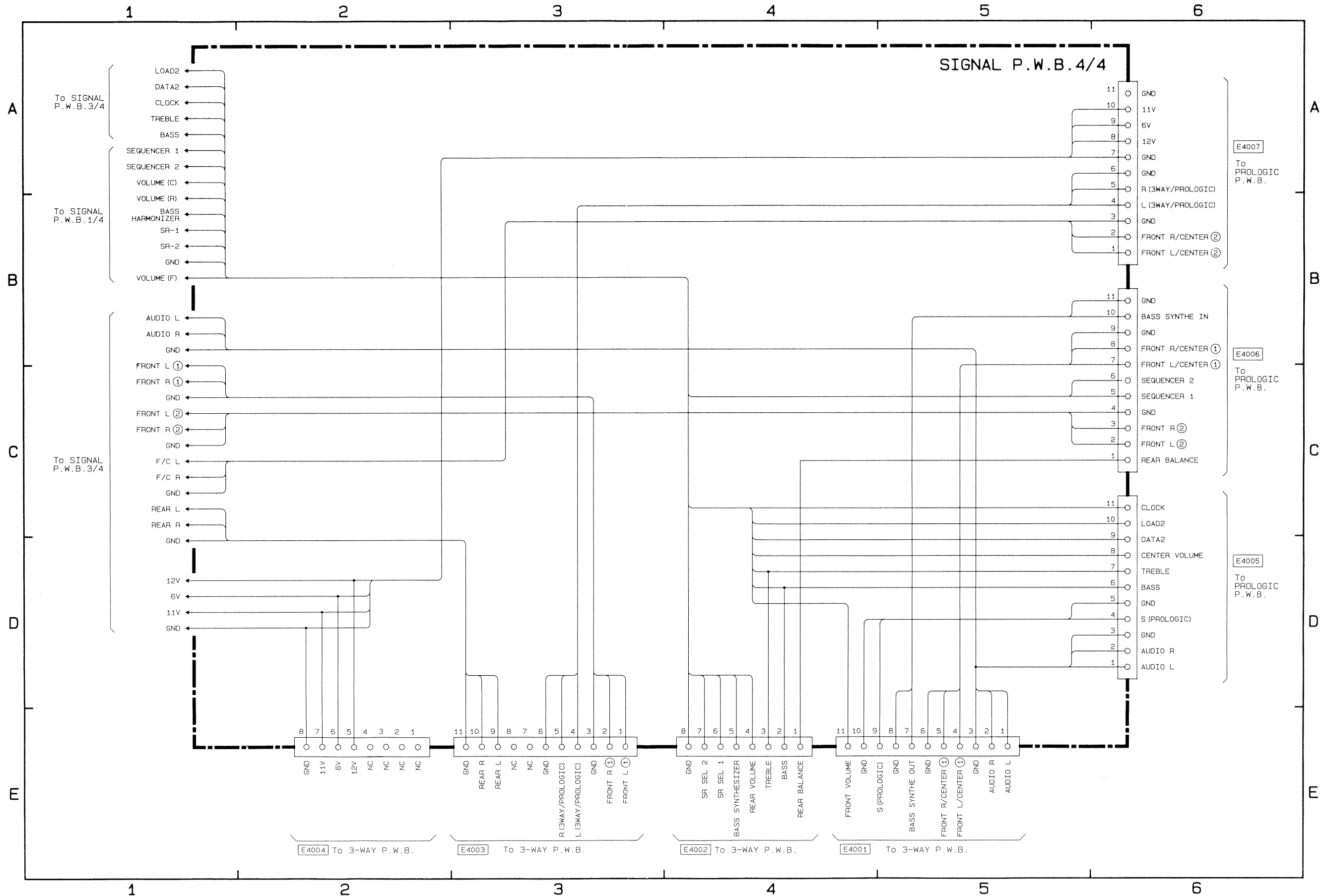
BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a  and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.



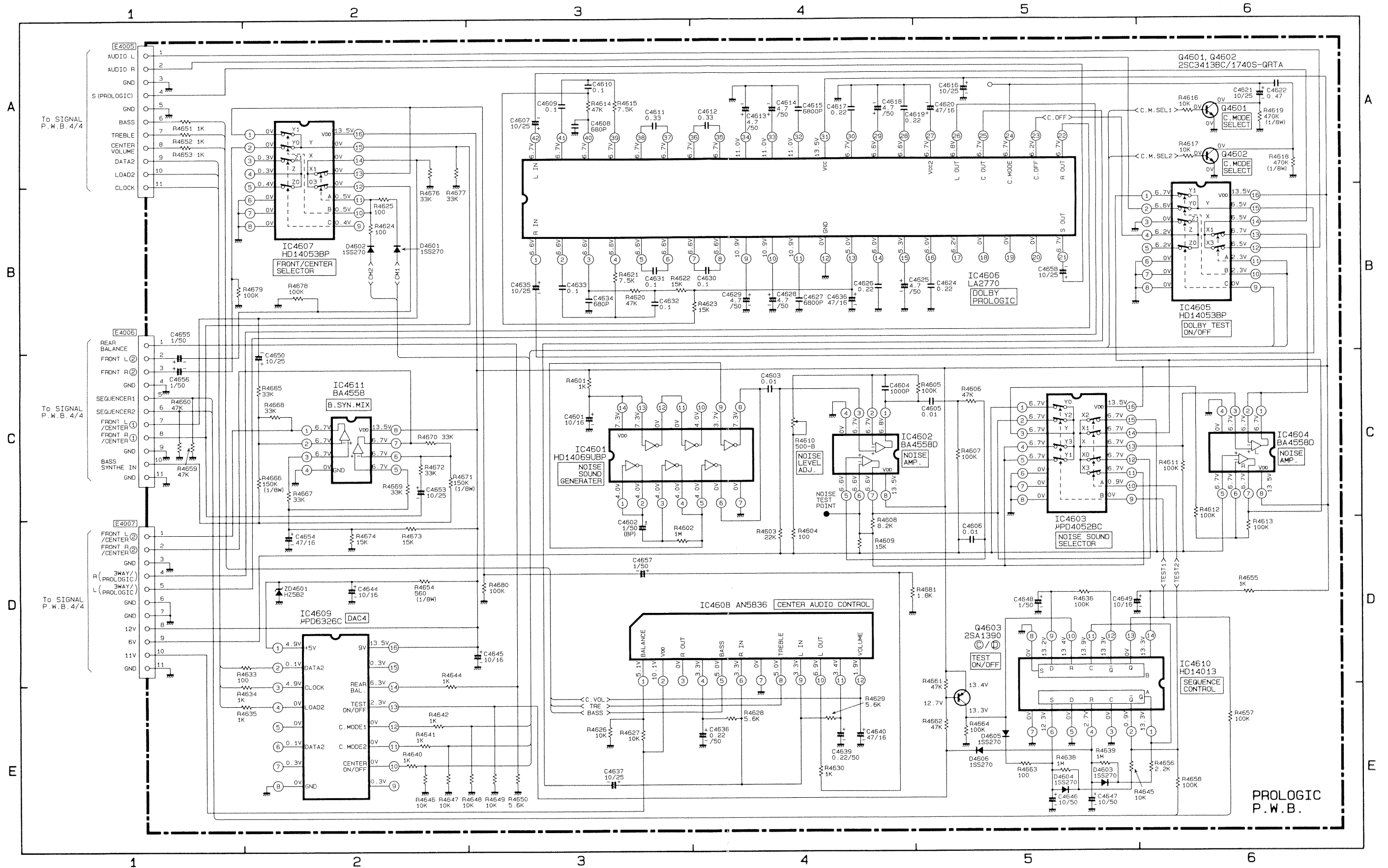
BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a  and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.



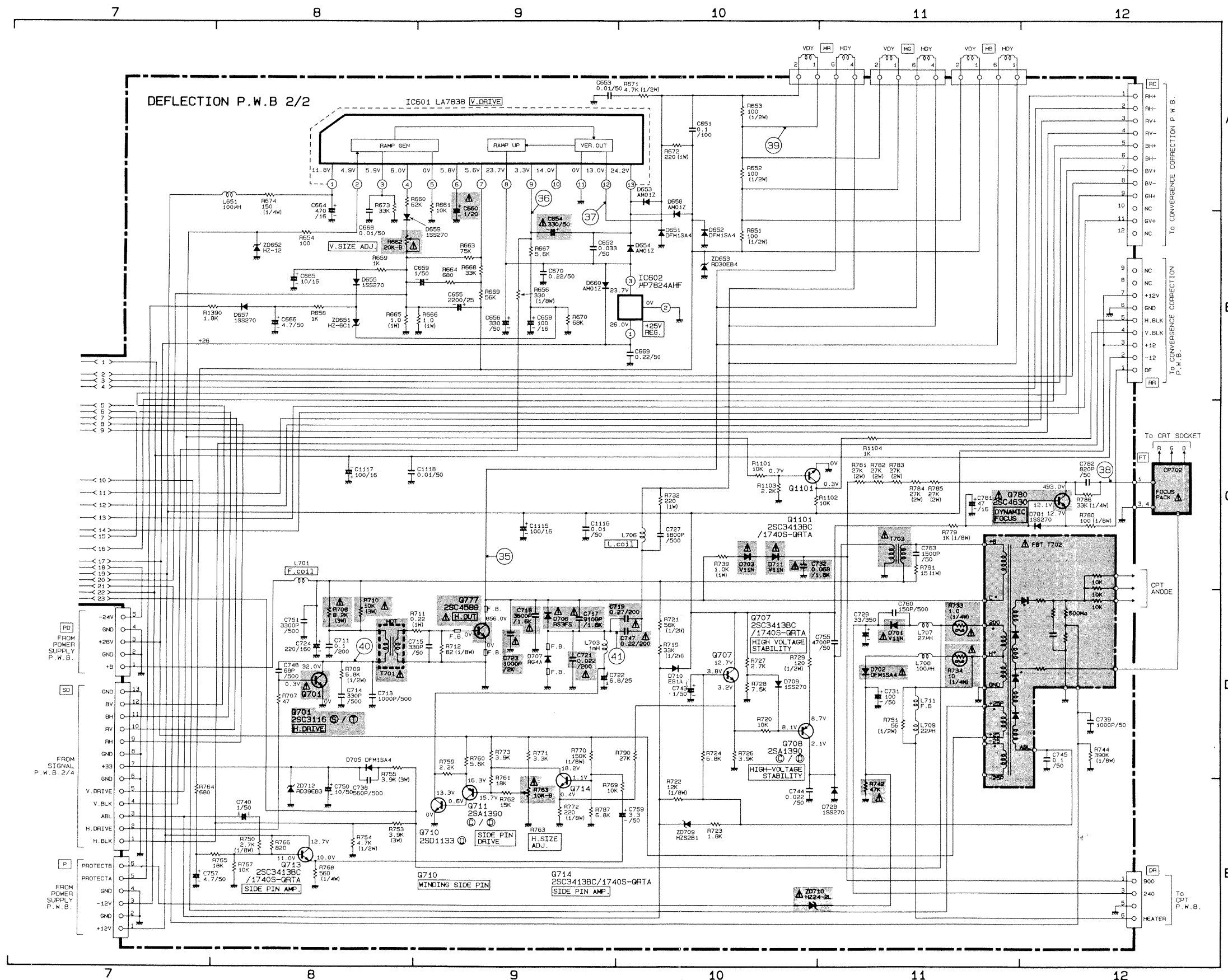
BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a Δ and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.



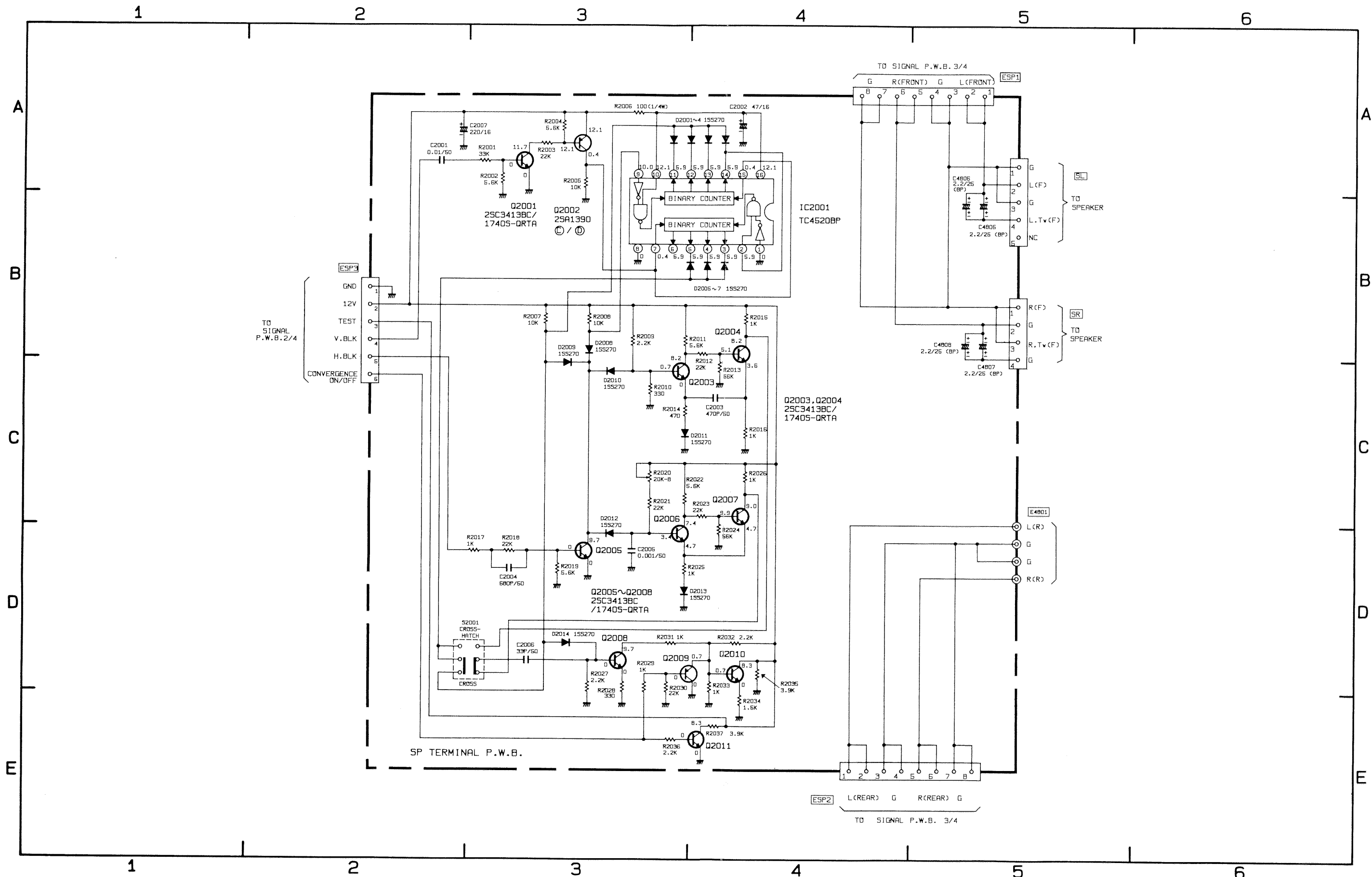
BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a  and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.



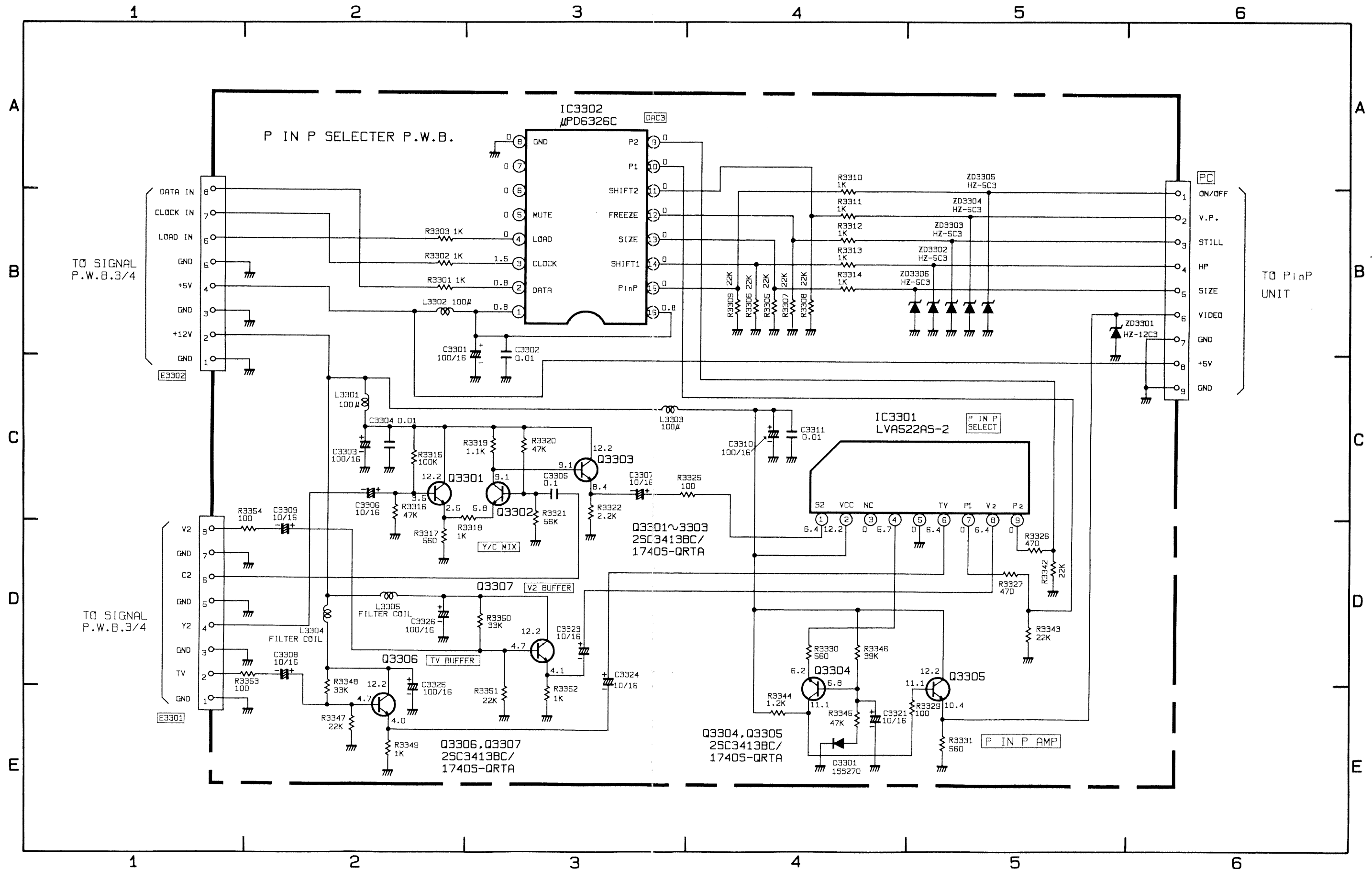
BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a $\triangle$ and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.



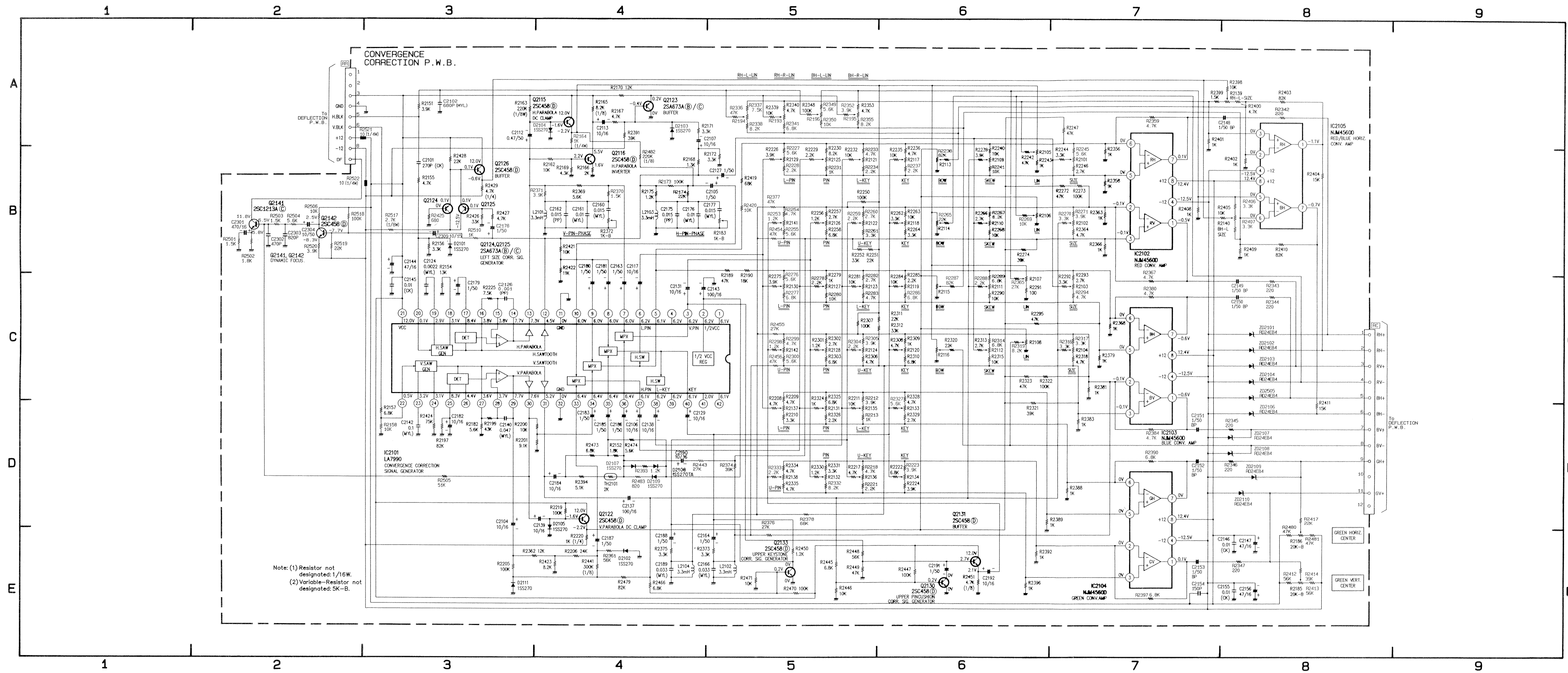
BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a Δ and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.



PRODUCT SAFETY NOTE: Components marked with a Δ and shaded have special characteristics. Important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

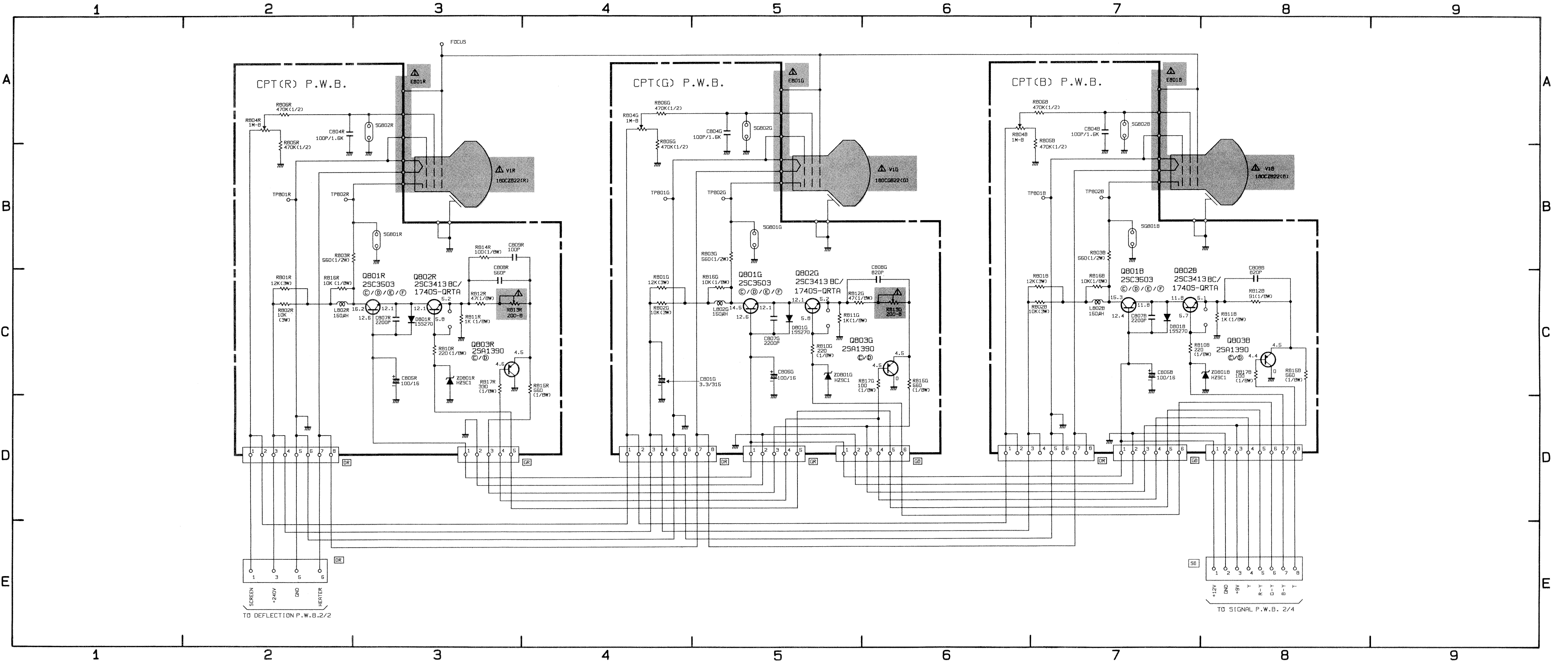
BASIC CIRCUIT DIAGRAM



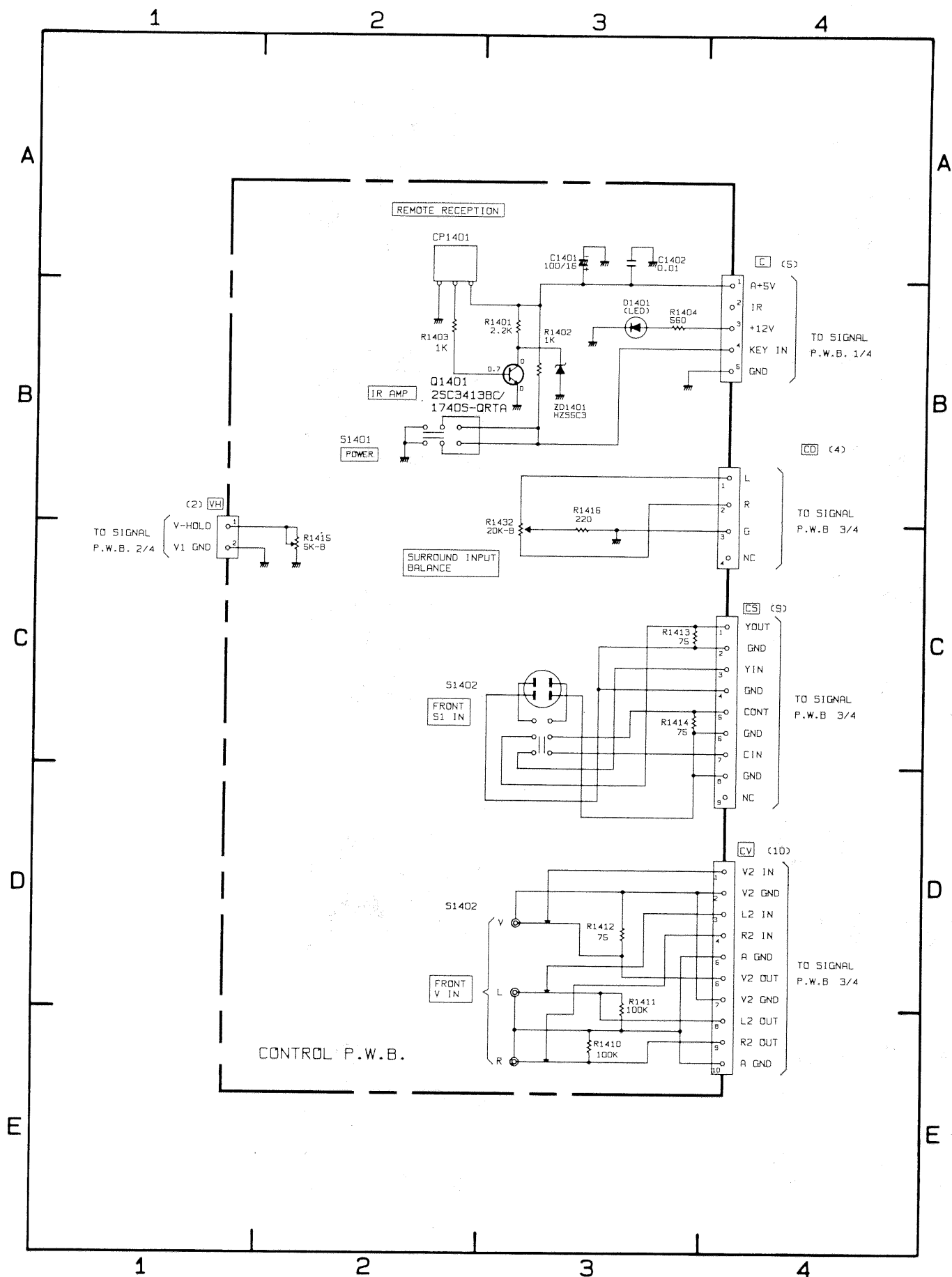
• Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.
• All DC voltage to be measured with a tester (100KΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.

BASIC CIRCUIT DIAGRAM

PRODUCT SAFETY NOTE: Components marked with a  and shaded have special characteristics important to safety. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver though improper servicing.



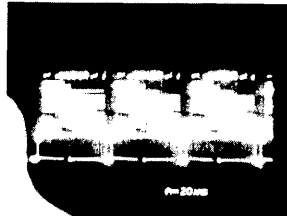
BASIC CIRCUIT DIAGRAM



WAVEFORMS AT EACH SECTION

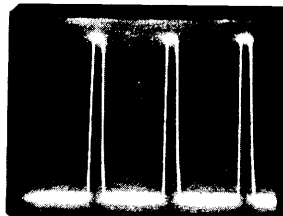
SIGNAL P.W.B. (2/4)

① M301 ④ pin



0.5V/div
2μsec./div

⑥ M301 ⑩ pin



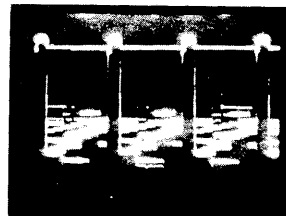
2V/div
20μsec./div

② M301 ⑥ pin



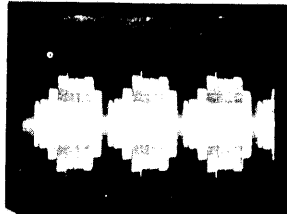
0.2V/div
20μsec./div

⑦ IC503 ⑩ pin



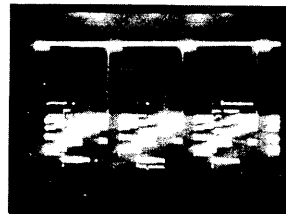
1V/div
20μsec./div

③ M301 ⑧ pin



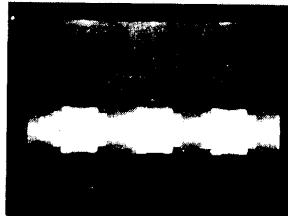
0.2V/div
20μsec./div

⑧ IC503 ⑪ pin



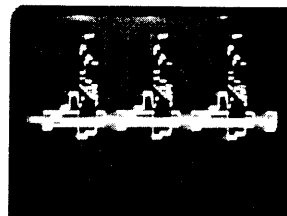
1V/div
20μsec./div

④ M301 ⑩ pin



0.2V/div
20μsec./div

⑨ IC503 ⑰ pin



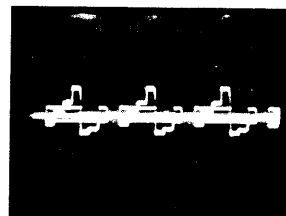
0.5V/div
20μsec./div

⑤ M301 ⑭ pin



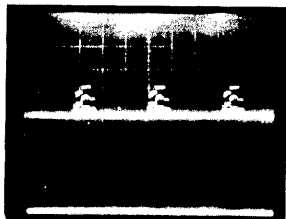
0.2V/div
20μsec./div

⑩ IC503 ⑱ pin



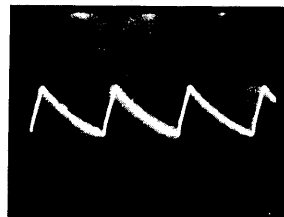
0.5V/div
20μsec./div

⑪ IC503 ⑬ pin



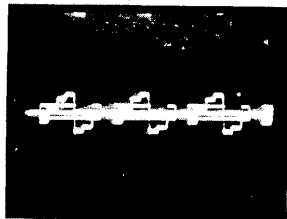
0.5V/div
20μsec./div

⑫ IC501 ⑮ pin



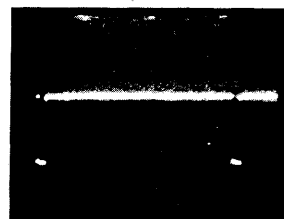
1V/div
20μsec./div

⑬ IC502 ⑬ pin



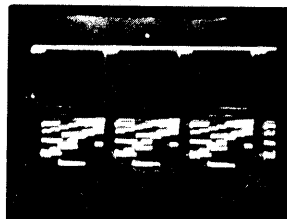
0.5V/div
20μsec./div

⑭ IC501 ⑮ pin



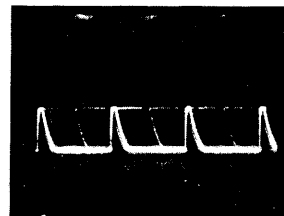
2V/div
20msec./div

⑮ IC502 ⑮ pin



1V/div
20μsec./div

⑯ IC501 ⑮ pin



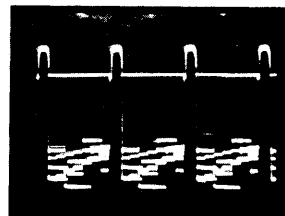
2V/div
20μsec./div

⑰ IC501 ⑨ pin



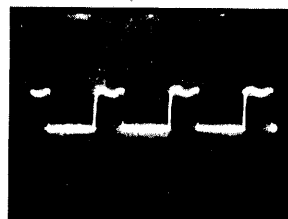
1V/div
20μsec./div

⑰ Q311 emitter



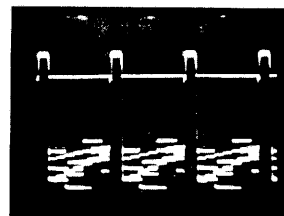
1V/div
20μsec./div

⑰ IC501 ⑮ pin



1V/div
20μsec./div

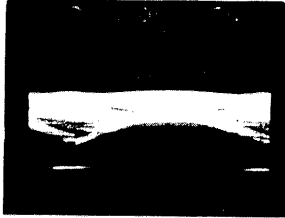
⑰ Q313 emitter



1V/div
20μsec./div

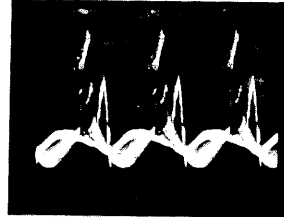
DEFLECTION P.W.B. (1/2)

① CR connector ③ pin



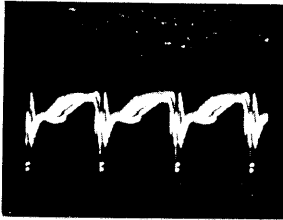
10V/div
2μsec./div

② CG connector ④ pin



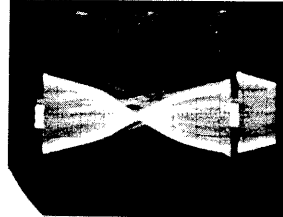
5V/div
20μsec./div

③ CR connector ③ pin



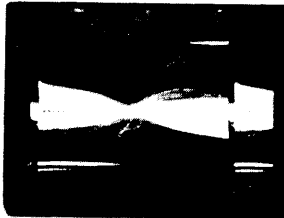
10V/div
20μsec./div

④ CG connector ② pin



5V/div
2msec./div

⑤ CR connector ② pin



10V/div
2msec./div

⑥ CG connector ② pin



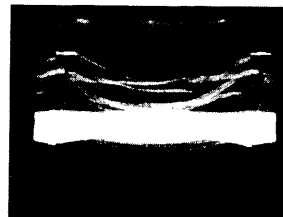
5V/div
20μsec./div

⑦ CR connector ② pin



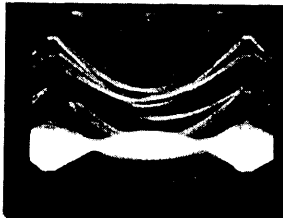
10V/div
20μsec./div

⑧ CB connector ④ pin



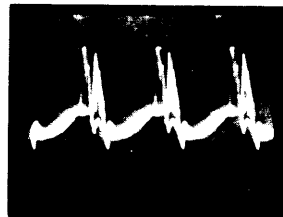
10V/div
2μsec./div

⑨ CG connector ④ pin



5V/div
2msec./div

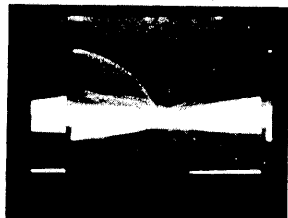
⑩ CB connector ④ pin



10V/div
20μsec./div

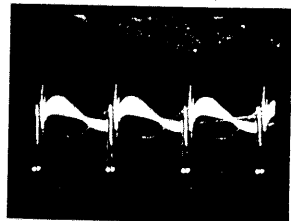
DEFLECTION P.W.B. (1/2)

③① CB connector ② pin



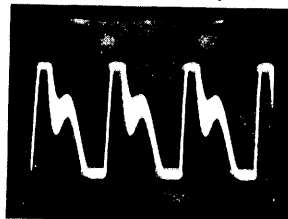
10V/div
20μsec./div

③② CB connector ② pin



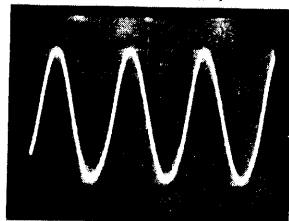
10V/div
20μsec./div

③③ HG connector ⑤ pin



10V/div
20μsec./div

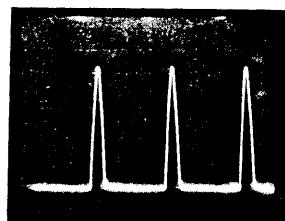
③④ HG connector ② pin



20V/div
20μsec./div

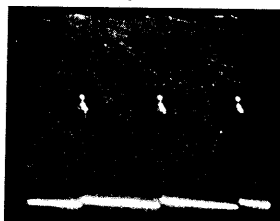
DEFLECTION P.W.B. (2/2)

③⑤ Q777 corrector



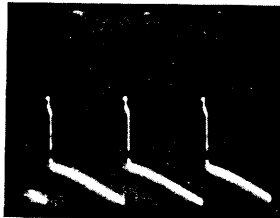
200V/div
20μsec./div

③⑥ IC601 ⑨ pin



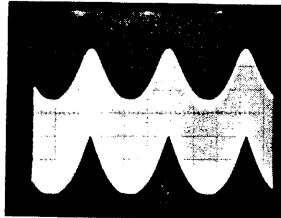
5V/div
5msec./div

③⑦ IC601 ⑫ pin



10V/div
5msec./div

③⑧ FT connector ① pin



100V/div
5msec./div

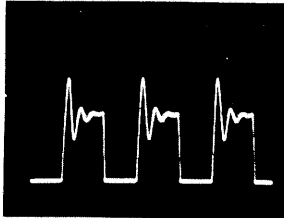
③⑨ MR connector ① pin



5V/div
5msec./div

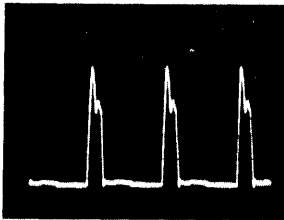
DEFLECTION P.W.B. (2/2)

④ Q701 corrector



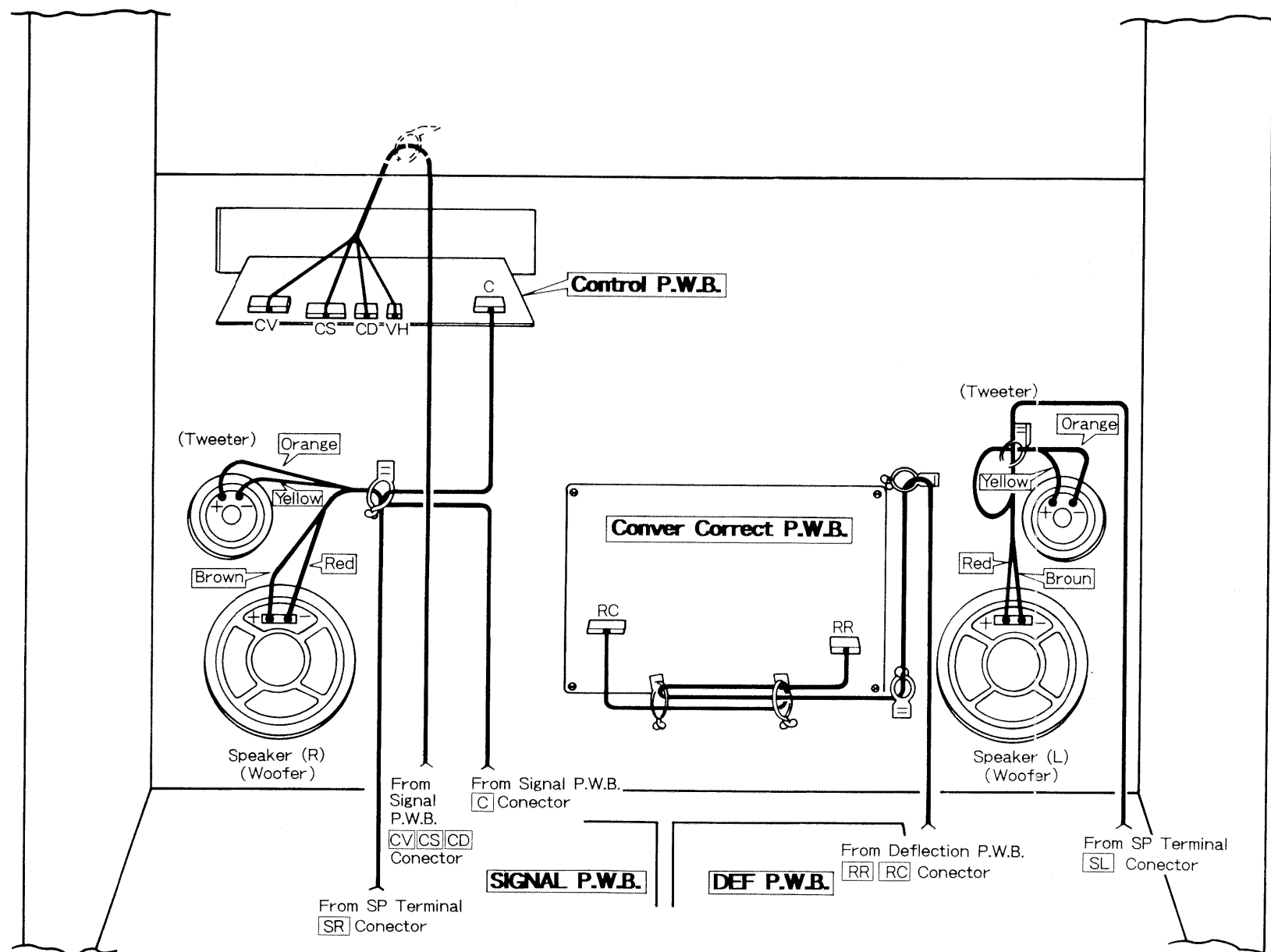
20V/div
20 μ sec./div

④ Q706 anode

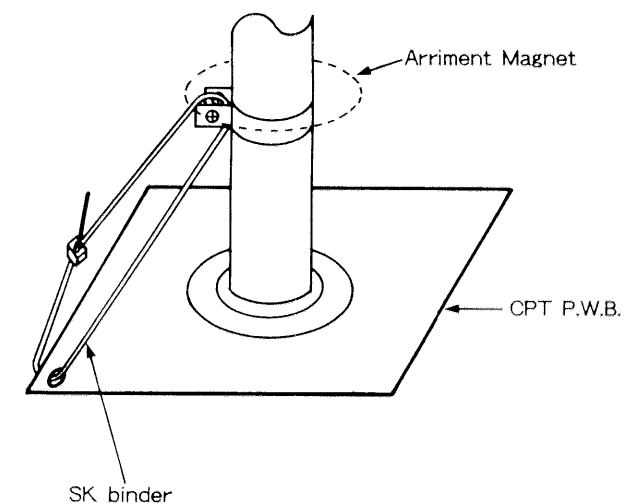


20V/div
20 μ sec./div

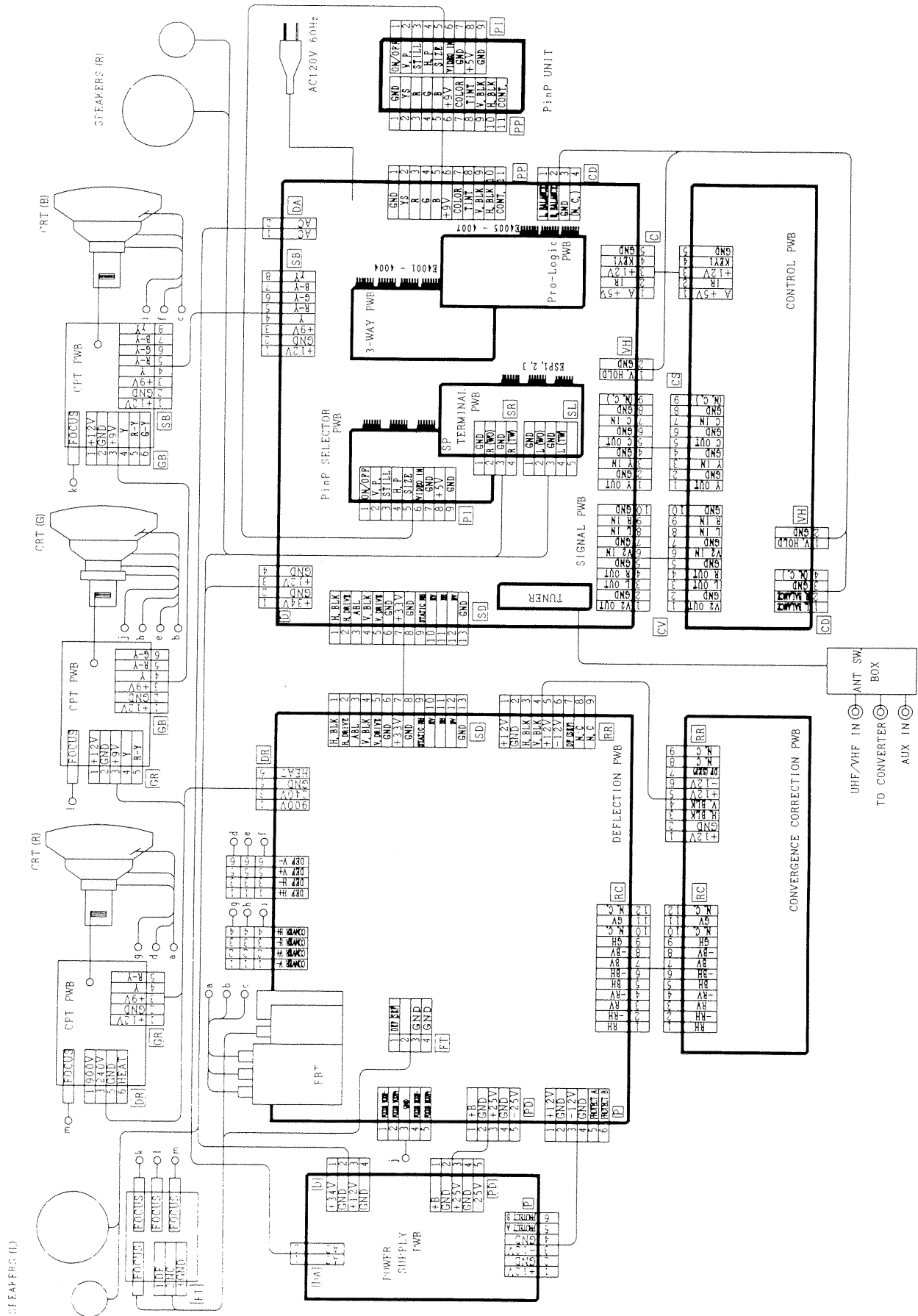
WIRING DIAGRAM



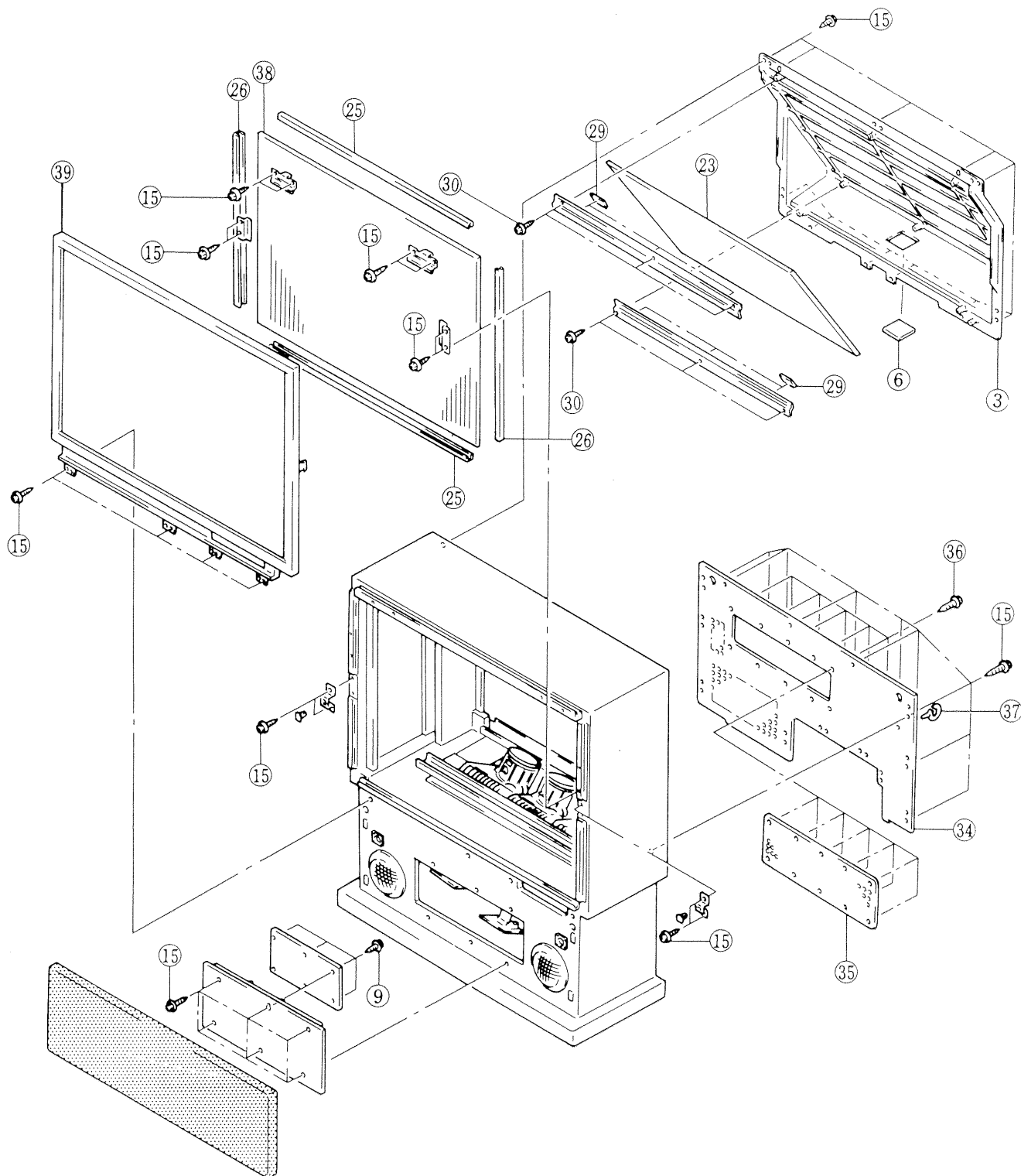
G-PRT only
clamping CPT P.W.B. with SK binder



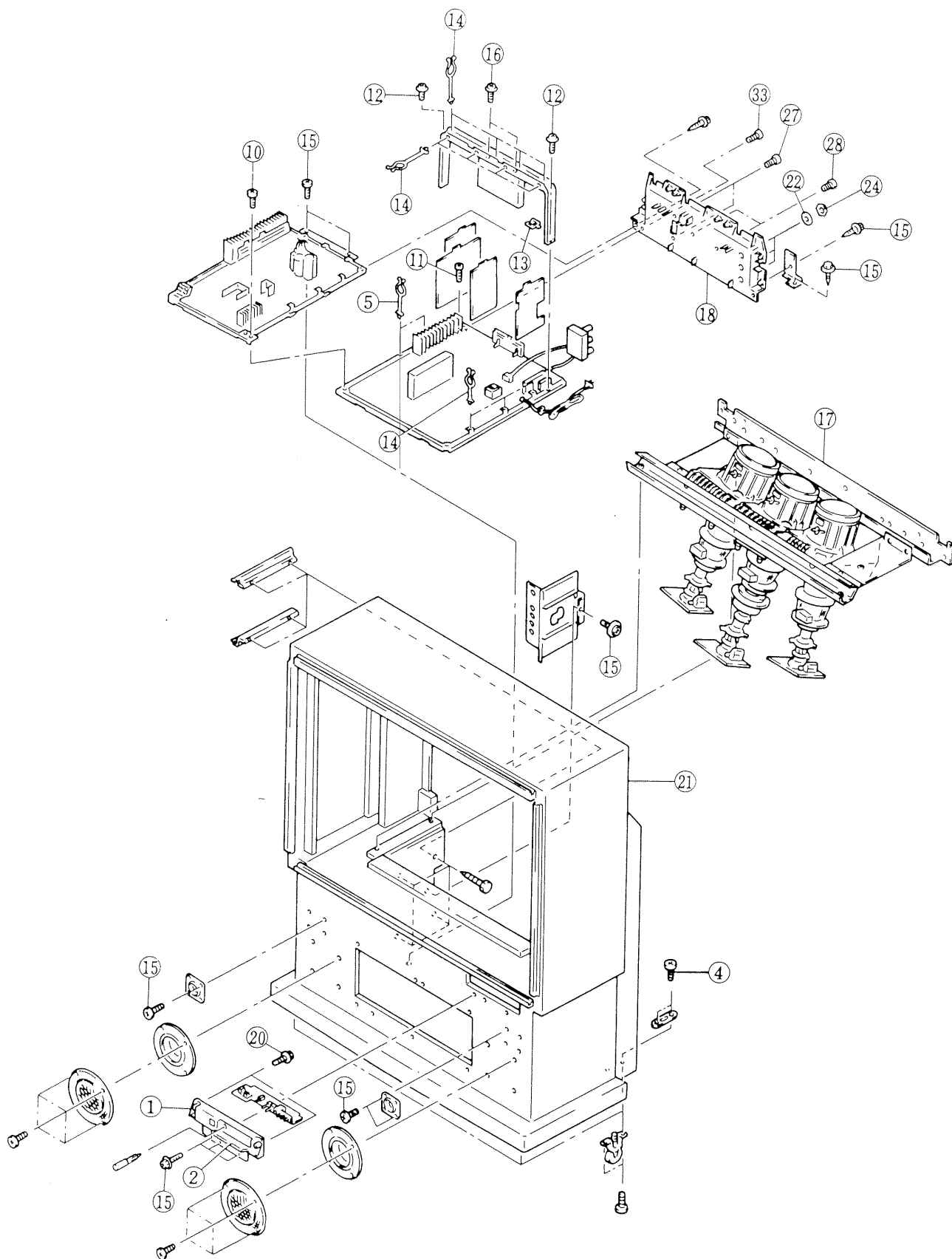
WIRING DIAGRAM



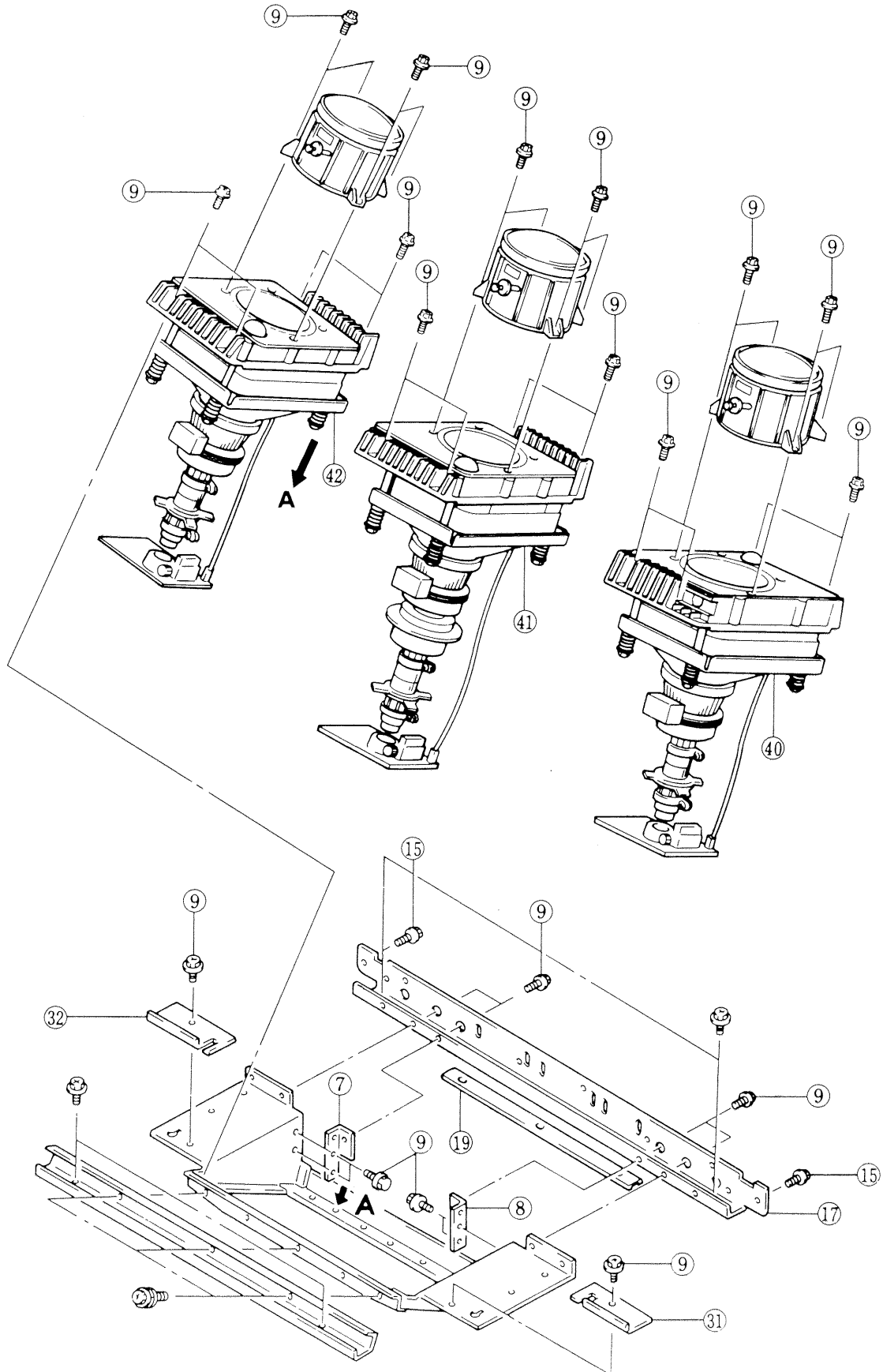
EXPLODED VIEW (1/3)



EXPLODED VIEW (2/3)



EXPLODED VIEW (3/3)



REPLACEMENT PARTS LIST

PRODUCT SAFETY NOTE: Components marked with a $\perp$ have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

ABBREVIATIONS	Capacitors	CD: Ceramic disk, PF: Polyester film, EL: Electrolytic, PP: Polypropylene, PR: Paper, TA: Tantalum, TM: Trimmer.
	Resistors	CF: Carbon film, CC: Carbon composition, MF: Metal oxide film, VR: Variable resistor, WW: Wire wound, FR: Fuse resistor, MG: Metal glazed
	Semiconductor	TR: Transistor, DI: Diode, ZD: Zener diode, VA: Varistor, TH: Thermistor, IC: IC.

SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
		CAPACITORS			
C0001	0247854	CD 100PF + -5% 500V	C0046	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C0002	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C0047	0890084	CD 560PF + -10% 50V
C0005	0248690	CD 180PF + -5% 50V	C0048	0880051	PF 0.033MF + -10% 50V
C0006	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C0049	0800005	CAPACITOR,ELECTROLYTIC 2.2MF 50V
C0007	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C0051	0284449R	EL 4.7MF 50V
C0008	0880057	PF 0.1MF + -10% 50V	C0052	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C0009	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C0053	0880044	PF 0.01MF + -10% 50V
C0010	0244105	CD 2200PF + -10% 50V	C0055	0880044	PF 0.01MF + -10% 50V
C0011	0880048	PF 0.022MF + -10% 50V	C0056	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C0012	0890067	CD 33PF + -5% 50V	C0057	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C0013	0890067	CD 33PF + -5% 50V	C0058	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C0014	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C1111	0800053	CAPACITOR ELECTROLYTIC 100MF 50V
C0015	0880057	PF 0.1MF + -10% 50V	C1112	0244141	CD 0.01MF + -10% 50V
C0016	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1113	0800053	CAPACITOR ELECTROLYTIC 100MF 50V
C0017	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1114	0244141	CD 0.01MF + -10% 50V
C0018	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C1115	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C0019	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1116	0244141	CD 0.01MF + -10% 50V
C0020	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C1117	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C0021	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1118	0244141	CD 0.01MF + -10% 50V
C0022	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C1226	0890074	CD 100PF + -5% 50V
C0023	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1227	0890074	CD 100PF + -5% 50V
C0024	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C1276	0800018	CAPACITOR ELECTROLYTIC 10MF 50V
C0025	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1277	0880062	PF 0.22MF + -10% 50V
C0026	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V	C1278	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C0027	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1280	0800018	CAPACITOR ELECTROLYTIC 10MF 50V
C0028	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V	C1291	0299996	PP 0.033MF + -5% 630V
C0029	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1293	0299610F	PP 1000PF + -5% 630V
C0030	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C1301	0890087	CD 1000PF + -10% 50V
C0031	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C1302	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C0032	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C1312	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C0033	0880057	PF 0.1MF + -10% 50V	C1326	0890087	CD 1000PF + -10% 50V
C0034	0800018	CAPACITOR ELECTROLYTIC 10MF 50V	C1327	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C0035	0800047	CAPACITOR ELECTROLYTIC 100MF 6.3V	C1336	0890087	CD 1000PF + -10% 50V
C0036	0880053	PF 0.047MF + -10% 50V	C1337	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C0037	0880044	PF 0.01MF + -10% 50V	C1351	0890087	CD 1000PF + -10% 50V
C0038	0244501	CD 1000PF + -10% 500V	C1352	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C0039	0284628R	EL 3.3MF 50V	C1362	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C0041	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C1387	0800069	CAPACITOR,ELECTROLYTIC 330MF 50V
C0042	0247854	CD 100PF + -5% 500V	C1388	0800053	CAPACITOR ELECTROLYTIC 100MF 50V
C0043	0247854	CD 100PF + -5% 500V	C1389	0800069	CAPACITOR,ELECTROLYTIC 330MF 50V
C0044	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C1391	0248688	CD 150PF + -5% 50V
			C1393	0248688	CD 150PF + -5% 50V
			C1395	0248688	CD 150PF + -5% 50V
			C1401	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C1402	0890087	CD 1000PF +-10% 50V	C2183	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C2001	0880044	PF 0.01MF +-10% 50V	C2184	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2002	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C2185	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C2003	0890083	CD 470PF +-10% 50V	C2186	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C2004	0890085	CD 680PF +-10% 50V	C2187	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C2005	0880031	PF 1000PF +-10% 50V	C2188	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C2006	0890121	CD 33PF +-5% 50V	C2189	0880013	PF 0.033MF +-10% 50V
C2007	0800058	CAPACITOR ELECTROLYTIC 220MF 16V	C2190	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2101	0244136	CD 270PF +-10% 50V	C2191	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C2102	0880001	PF 680PF +-10% 50V	C2192	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2104	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C2301	0800074	CAPACITOR ELECTROLYTIC 470MF 16V
C2105	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C2302	0244118	CD 470PF +-10% 50V
C2106	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C2303	0244120	CD 820PF +-10% 50V
C2107	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C2304	0800018	CAPACITOR ELECTROLYTIC 10MF 50V
C2112	0800001	CAPACITOR ELECTROLYTIC 0.47MF 50V	C2309	0800018	CAPACITOR ELECTROLYTIC 10MF 50V
C2113	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C3001	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2117	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C3002	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2124	0880005	PF 2200PF +-10% 50V	C301	0284638	EL 10MF 16V
C2126	0299001	PP 0.001MF +-2% 100V	C3013	0890062	CD 12PF +-5% 50V
C2127	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C3014	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2129	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C3016	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2131	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C3017	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2137	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C3018	0880044	PF 0.01MF +-10% 50V
C2138	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C302	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2139	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C3020	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2140	0880014	PF 0.047MF +-10% 50V	C303	0890067	CD 33PF +-5% 50V
C2142	0880016	PF 0.1MF +-10% 50V	C3030	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2143	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C3031	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2144	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C3032	0800074	CAPACITOR ELECTROLYTIC 470MF 16V
C2145	0244141	CD 0.01MF +-10% 50V	C3033	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2146	0244141	CD 0.01MF +-10% 50V	C3035	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2147	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C3036	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2148	0252417	EL 1MF 50V	C3037	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2149	0252417	EL 1MF 50V	C3038	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2150	0252417	EL 1MF 50V	C304	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2151	0252417	EL 1MF 50V	C3044	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2152	0252417	EL 1MF 50V	C3045	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2153	0252417	EL 1MF 50V	C3046	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2154	0244229	CD 150PF +-10% 50V	C305	0244171	CD 0.01MF +80-20% 50V
C2155	0244141	CD 0.01MF +-10% 50V	C3052	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2156	0800044	CAPACITOR ELECTROLYTIC 47MF 50V	C3053	0284667	EL 47MF 16V
C2160	0880011	PF 0.015MF +-10% 50V	C3055	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2161	0880009	PF 0.01MF +-10% 50V	C3057	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2162	0299029	PP 0.015MF +-2% 100V	C3058	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2163	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C3059	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2164	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C306	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2166	0880013	PF 0.033MF +-10% 50V	C3062	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2175	0299029	PP 0.015MF +-2% 100V	C3063	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2176	0880009	PF 0.01MF +-10% 50V	C307	0244171	CD 0.01MF +80-20% 50V
C2177	0880011	PF 0.015MF +-10% 50V	C3071	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2178	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C3072	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2179	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C3073	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C2180	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C3076	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C2181	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C3077	0880044	PF 0.01MF +-10% 50V
C2182	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C3078	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
C3079	0880044	PF 0.01MF + -10% 50V	C3326	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C308	0890115	CD 12PF + -5% 50V	C333	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C3080	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C334	0244171	CD 0.01MF + 80-20% 50V
C3081	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C335	0880057	PF 0.1MF + -10% 50V
C3082	0880044	PF 0.01MF + -10% 50V	C336	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C3083	0880044	PF 0.01MF + -10% 50V	C337	0890083	CD 470PF + -10% 50V
C3084	0880044	PF 0.01MF + -10% 50V	C339	0284667	EL 47MF 16V
C3085	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C340	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C3086	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C341	0880031	PF 1000PF + -10% 50V
C3087	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4001	0252953	EL 4700MF 16V
C3088	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4002	0259411F	EL 3300MF 50V
C3089	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4003	0800053	CAPACITOR ELECTROLYTIC 100MF 50V
C309	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C4004	0880057	PF 0.1MF + -10% 50V
C3090	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4005	0880057	PF 0.1MF + -10% 50V
C3091	0880057	PF 0.1MF + -10% 50V	C4006	0800051	CAPACITOR ELECTROLYTIC 100MF 25V
C3092	0880057	PF 0.1MF + -10% 50V	C4007	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C310	0244171	CD 0.01MF + 80-20% 50V	C4008	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C311	0244171	CD 0.01MF + 80-20% 50V	C4009	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C312	0890059	CD 9PF + -0.5% 50V	C4010	0800103	CAPACITOR ELECTROLYTIC 0.22MF 50V
C313	0244171	CD 0.01MF + 80-20% 50V	C4011	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C314	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4012	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C315	0244171	CD 0.01MF + 80-20% 50V	C4013	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C316	0244171	CD 0.01MF + 80-20% 50V	C4014	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C317	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C4015	0800103	CAPACITOR ELECTROLYTIC 0.22MF 50V
C318	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C4016	0800041	CAPACITOR ELECTROLYTIC 47MF 16V
C319	0890084	CD 560PF + -10% 50V	C4017	0800051	CAPACITOR ELECTROLYTIC 100MF 25V
C320	0890087	CD 1000PF + -10% 50V	C4018	0880031	PF 1000PF + -10% 50V
C321	0800023	CAPACITOR ELECTROLYTIC 22MF 16V	C4019	0800067	CAPACITOR,ELECTROLYTIC 330MF 25V
C322	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C4020	0880031	PF 1000PF + -10% 50V
C323	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C4021	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V
C324	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C4022	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V
C325	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V	C4024	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C326	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4025	0284446R	EL 1MF 50V
C327	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4026	0880053	PF 0.047MF + -10% 50V
C328	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4027	0880053	PF 0.047MF + -10% 50V
C329	0244171	CD 0.01MF + 80-20% 50V	C4028	0284446R	EL 1MF 50V
C330	0244171	CD 0.01MF + 80-20% 50V	C4029	0800005	CAPACITOR,ELECTROLYTIC 2.2MF 50V
C3301	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4030	0800005	CAPACITOR,ELECTROLYTIC 2.2MF 50V
C3302	0880044	PF 0.01MF + -10% 50V	C4031	0800041	CAPACITOR ELECTROLYTIC 47MF 16V
C3303	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4032	0800082	CAPACITOR ELECTROLYTIC 1000MF 16V
C3304	0880044	PF 0.01MF + -10% 50V	C4033	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V
C3305	0880057	PF 0.1MF + -10% 50V	C4034	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V
C3306	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4035	0800051	CAPACITOR ELECTROLYTIC 100MF 25V
C3307	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4036	0800023	CAPACITOR ELECTROLYTIC 22MF 16V
C3308	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4037	0880057	PF 0.1MF + -10% 50V
C3309	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4038	0800077	CAPACITOR,ELECTROLYTIC 470MF 50V
C331	0800103	CAPACITOR ELECTROLYTIC 0.22MF 50V	C4039	0880057	PF 0.1MF + -10% 50V
C3310	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4040	0800051	CAPACITOR ELECTROLYTIC 100MF 25V
C3311	0880044	PF 0.01MF + -10% 50V	C4041	0880031	PF 1000PF + -10% 50V
C332	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4042	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C3321	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4043	0800067	CAPACITOR,ELECTROLYTIC 330MF 25V
C3322	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4044	0880031	PF 1000PF + -10% 50V
C3323	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4045	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C3324	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4047	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C3325	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4048	0800051	CAPACITOR ELECTROLYTIC 100MF 25V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C4049	0800023	CAPACITOR ELECTROLYTIC 22MF 16V	C4435	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4050	0880057	PF 0.1MF +-10% 50V	C4436	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4051	0880057	PF 0.1MF +-10% 50V	C4437	0890074	CD 100PF +-5% 50V
C4052	0800077	CAPACITOR,ELECTROLYTIC 470MF 50V	C4438	0890074	CD 100PF +-5% 50V
C4053	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4439	0248688	CD 150PF +-5% 50V
C4054	0880044	PF 0.01MF +-10% 50V	C4440	0880035	PF 2200PF +-10% 50V
C4055	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4441	0284623R	EL 1MF 50V
C4058	0880057	PF 0.1MF +-10% 50V	C4442	0284623R	EL 1MF 50V
C4059	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4443	0284623R	EL 1MF 50V
C4060	0880057	PF 0.1MF +-10% 50V	C4444	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C4061	0880057	PF 0.1MF +-10% 50V	C4445	0800042	CAPACITOR ELECTROLYTIC 47MF 25V
C4062	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C4446	0880044	PF 0.01MF +-10% 50V
C4063	0800083	CAPACITOR ELECTROLYTIC 1000MF 25V	C4447	0880044	PF 0.01MF +-10% 50V
C4064	0800083	CAPACITOR ELECTROLYTIC 1000MF 25V	C4448	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V
C4065	0800083	CAPACITOR ELECTROLYTIC 1000MF 25V	C4450	0890074	CD 100PF +-5% 50V
C4066	0800083	CAPACITOR ELECTROLYTIC 1000MF 25V	C4451	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C4067	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4452	0890087	CD 1000PF +-10% 50V
C4068	0800007	CAPACITOR,ELECTROLYTIC 3.3MF 50V	C4453	0244109	CD 4700PF +-10% 50V
C4070	0800026	CAPACITOR ELECTROLYTIC 22MF 50V	C4454	0880041	PF 5600PF +-10% 50V
C4071	0800026	CAPACITOR ELECTROLYTIC 22MF 50V	C4455	0249093	CD 470PF +-5% 50V
C4072	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4456	0880041	PF 5600PF +-10% 50V
C4073	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4457	0800105	CAPACITOR ELECTROLYTIC 0.33MF 50V
C4074	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4458	0800101	CAPACITOR ELECTROLYTIC 0.1MF 50V
C4075	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4459	0880049	PF 0.027MF +-10% 50V
C4076	0800082	CAPACITOR ELECTROLYTIC 1000MF 16V	C4460	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4077	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4461	0880053	PF 0.047MF +-10% 50V
C4078	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V	C4462	0880039	PF 4700PF +-10% 50V
C4079	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C4463	0284623R	EL 1MF 50V
C4081	0880057	PF 0.1MF +-10% 50V	C4464	0284623R	EL 1MF 50V
C4401	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C4465	0252410	EL 10MF 35V
C4402	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C4466	0800059	CAPACITOR ELECTROLYTIC 220MF 25V
C4403	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C4467	0800051	CAPACITOR ELECTROLYTIC 100MF 25V
C4404	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4468	0800103	CAPACITOR ELECTROLYTIC 0.22MF 50V
C4405	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C4469	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4406	0800001	CAPACITOR ELECTROLYTIC 0.47MF 50V	C4470	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4407	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V	C4471	0800103	CAPACITOR ELECTROLYTIC 0.22MF 50V
C4408	0880057	PF 0.1MF +-10% 50V	C4472	0800041	CAPACITOR ELECTROLYTIC 47MF 16V
C4409	0880055	PF 0.068MF +-10% 50V	C4475	0880051	PF 0.033MF +-10% 50V
C4410	0880037	PF 3300PF +-10% 50V	C4476	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V
C4411	0890061	CD 10PF +-0.5% 50V	C4477	0880033	PF 1500PF +-10% 50V
C4412	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C4478	0880051	PF 0.033MF +-10% 50V
C4413	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V	C4481	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4414	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C4482	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4415	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C4483	0800041	CAPACITOR ELECTROLYTIC 47MF 16V
C4416	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C4485	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C4420	0880048	PF 0.022MF +-10% 50V	C4486	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V
C4422	0880048	PF 0.022MF +-10% 50V	C4601	0800015	CAPACITOR,ELECTROLYTIC 10MF 16V
C4424	0880035	PF 2200PF +-10% 50V	C4602	0284623R	EL 1MF 50V
C4425	0880048	PF 0.022MF +-10% 50V	C4603	0880044	PF 0.01MF +-10% 50V
C4426	0244104	CD 1800PF +-10% 50V	C4604	0244139	CD 1000PF +-10% 50V
C4427	0880048	PF 0.022MF +-10% 50V	C4605	0880044	PF 0.01MF +-10% 50V
C4428	0244104	CD 1800PF +-10% 50V	C4606	0880044	PF 0.01MF +-10% 50V
C4429	0880051	PF 0.033MF +-10% 50V	C4607	0800016	CAPACITOR ELECTROLYTIC 10MF 25V
C4430	0880034	PF 1800PF +-10% 50V	C4608	0890085	CD 680PF +-10% 50V
C4431	0880051	PF 0.033MF +-10% 50V	C4609	0880057	CD 0.1MF +-10% 50V

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
C4610	0880057	CD 0.1MF + -10% 50V	C509	0244171	CD 0.01MF + 80-20% 50V
C4611	0880019	PF 0.33MF + -10% 50V	C510	0800001	CAPACITOR ELECTROLYTIC 0.47MF 50V
C4612	0880019	PF 0.33MF + -10% 50V	C511	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C4613	0800012	CAPACITOR ELECTROLYTIC 4.7MF 50V	C512	0880044	PF 0.01MF + -10% 50V
C4614	0800012	CAPACITOR ELECTROLYTIC 4.7MF 50V	C513	0800049	CAPACITOR, ELECTROLYTIC 100MF 16V
C4615	0244111	CD 6800PF + -10% 50V	C515	0890076	CD 150PF + -10% 50V
C4616	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C516	0890076	CD 150PF + -10% 50V
C4617	0880062	PF 0.22MF + -10% 50V	C517	0890076	CD 150PF + -10% 50V
C4618	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V	C518	0890067	CD 33PF + -5% 50V
C4619	0880062	PF 0.22MF + -10% 50V	C519	0890067	CD 33PF + -5% 50V
C4620	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C520	0890067	CD 33PF + -5% 50V
C4621	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C521	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C4622	0276673	PF 0.47MF + -10% 50V	C522	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C4624	0880062	PF 0.22MF + -10% 50V	C523	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C4625	0800012	CAPACITOR ELECTROLYTIC 4.7MF 50V	C524	0244171	CD 0.01MF + 80-20% 50V
C4626	0880062	PF 0.22MF + -10% 50V	C525	0244171	CD 0.01MF + 80-20% 50V
C4627	0244111	CD 6800PF + -10% 50V	C526	0244171	CD 0.01MF + 80-20% 50V
C4628	0800012	CAPACITOR ELECTROLYTIC 4.7MF 50V	C527	0244171	CD 0.01MF + 80-20% 50V
C4629	0800012	CAPACITOR ELECTROLYTIC 4.7MF 50V	C528	0800015	CAPACITOR, ELECTROLYTIC 10MF 16V
C4630	0880057	PF 0.1MF + -10% 50V	C601	0880044	PF 0.01MF + -10% 50V
C4631	0880057	PF 0.1MF + -10% 50V	C602	0880053	PF 0.047MF + -10% 50V
C4632	0880057	PF 0.1MF + -10% 50V	C603	0800015	CAPACITOR, ELECTROLYTIC 10MF 16V
C4633	0880057	PF 0.1MF + -10% 50V	C604	0880035	PF 2200PF + -10% 50V
C4634	0244117	CD 680PF + -10% 50V	C605	0880037	PF 3300PF + -10% 50V
C4635	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C606	0880057	PF 0.1MF + -10% 50V
C4636	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C607	0880037	PF 3300PF + -10% 50V
C4637	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C651	0279859	PF 0.1MF + -10% 100V
C4638	0800103	CAPACITOR ELECTROLYTIC 0.22MF 50V	C652	0880051	PF 0.033MF + -10% 50V
C4639	0800103	CAPACITOR ELECTROLYTIC 0.22MF 50V	C653	0880044	PF 0.01MF + -10% 50V
C4640	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	Δ C654	0800069	CAPACITOR, ELECTROLYTIC 330MF 50V
C4644	0800015	CAPACITOR, ELECTROLYTIC 10MF 16V	C655	0252969	EL 2200MF 25V
C4645	0800015	CAPACITOR, ELECTROLYTIC 10MF 16V	C656	0800069	CAPACITOR, ELECTROLYTIC 330MF 50V
C4646	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C658	0800049	CAPACITOR, ELECTROLYTIC 100MF 16V
C4647	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C659	0284446R	EL 1MF 50V
C4648	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	Δ C660	0292716	TA 1MF + -10% 20V
C4649	0800015	CAPACITOR, ELECTROLYTIC 10MF 16V	C664	0800074	CAPACITOR ELECTROLYTIC 470MF 16V
C4650	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C665	0800015	CAPACITOR, ELECTROLYTIC 10MF 16V
C4653	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C666	0800012	CAPACITOR ELECTROLYTIC 4.7MF 50V
C4654	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C668	0880044	PF 0.01MF + -10% 50V
C4655	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C669	0880062	PF 0.22MF + -10% 50V
C4656	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C670	0880062	PF 0.22MF + -10% 50V
C4657	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C7001	0890084	CD 560PF + -10% 50V
C4658	0800016	CAPACITOR ELECTROLYTIC 10MF 25V	C7002	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C4805	0257048	EL 2.2MF 25V	C7003	0244104	CD 1800PF + -10% 50V
C4806	0257048	EL 2.2MF 25V	C7004	0880048	PF 0.022MF + -10% 50V
C4807	0257048	EL 2.2MF 25V	C7005	0890081	CD 330PF + -10% 50V
C4808	0257048	EL 2.2MF 25V	C7006	0890087	CD 1000PF + -10% 50V
C501	0880044	PF 0.01MF + -10% 50V	C7007	0880053	PF 0.047MF + -10% 50V
C502	0890063	CD 15PF + -5% 50V	C7008	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C503	0880044	PF 0.01MF + -10% 50V	C7009	0880033	PF 1500PF + -10% 50V
C504	0880044	PF 0.01MF + -10% 50V	C7010	0244107	CD 3300PF + -10% 50V
C505	0800005	CAPACITOR, ELECTROLYTIC 2.2MF 50V	C7012	0880048	PF 0.022MF + -10% 50V
C506	0244171	CD 0.01MF + 80-20% 50V	C7013	0800049	CAPACITOR, ELECTROLYTIC 100MF 16V
C507	0244171	CD 0.01MF + 80-20% 50V	C7014	0880053	PF 0.047MF + -10% 50V
C508	0246443	CD 13PF + -5% 50V	C7015	0800015	CAPACITOR, ELECTROLYTIC 10MF 16V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C711	0299926	PP 0.1MF +-10% 200V	C912	0244501	CD 1000PF +-10% 500V
C713	0244501	CD 1000PF +-10% 500V	C913	0299929	PP 0.18MF +-10% 200V
C714	0243507	CD 330PF +-10% 500V	C914	0243503	CD 150PF +-10% 500V
C715	0890028	CD 330PF +-10% 50V	C915	0890087	CD 1000PF +-10% 50V
Δ C717	0299723	PP 9100PF +-5% 1.6KV	C916	0800042	CAPACITOR ELECTROLYTIC 47MF 25V
Δ C718	0299668	PP 3600PF +-5% 1600V	C917	0800042	CAPACITOR ELECTROLYTIC 47MF 25V
Δ C719	0299931	PP 0.27MF +-10% 200V	C918	0880062	PF 0.22MF +-10% 50V
Δ C721	0299918	PP 0.022MF +-10% 200V	C921	0800005	CAPACITOR,ELECTROLYTIC 2.2MF 50V
C722	0259471	EL 6.8MF 25V	C923	0800009	CAPACITOR ELECTROLYTIC 4.7MF 25V
Δ C723	0244211F	CD 1000PF +-10% 2KV	C924	0276223	PF 3300PF +-5% 50V
C724	0259153	EL 220MF 160V	C926	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C727	0244504	CD 1800PF +-10% 500V	Δ C927	0249487	CD 3300PF +-20%
C729	0253483	EL 33MF 350V	C928	0243511	CD 680PF +-10% 500V
C731	0800053	CAPACITOR ELECTROLYTIC 100MF 50V	C929	0258178G	EL 470MF,63V
Δ C732	0299636	PP 0.068MF +-5% 1600V	C933	0299969	PP 1000PF +-5% 630V
C738	0243510	CD 560PF +-10% 500V	C934	0299969	PP 1000PF +-5% 630V
C739	0890087	CD 1000PF +-10% 50V	C935	0258697	EL 470MF 160V
C740	0284623R	EL 1MF 50V	C936	0253460	EL 100MF 160V
C743	0800003	CAPACITOR ELECTROLYTIC 1MF 50V	C937	0244105	CD 2200PF +-10% 50V
C744	0880048	PF 0.022MF +-10% 50V	C938	0880044	PF 0.01MF +-10% 50V
C745	0880057	PF 0.1MF +-10% 50V	C939	0800018	CAPACITOR ELECTROLYTIC 10MF 50V
Δ C747	0299930	PP 0.22MF +-10% 200V	C940	0800005	CAPACITOR,ELECTROLYTIC 2.2MF 50V
C748	0247850	CD 68PF +-5% 500V	C941	0890067	CD 33PF +-5% 50V
C750	0800018	CAPACITOR ELECTROLYTIC 10MF 50V	C942	0880062	PF 0.22MF +-10% 50V
C751	0244507	CD 3300PF +-10% 500V	C943	0253943	EL 0.33MF 50V
C755	0244109	CD 4700PF +-10% 50V	C946	0247854	CD 100PF +-5% 500V
C757	0284449R	EL 4.7MF 50V	Δ C951	0259167	EL 820MF 200V
C759	0800007	CAPACITOR,ELECTROLYTIC 3.3MF 50V	C952	0258178G	EL 470MF,63V
C760	0243503	CD 150PF +-10% 500V	C953	0243511	CD 680PF +-10% 500V
C763	0890089	CD 1500PF +-10% 50V	C954	0880062	PF 0.22MF +-10% 50V
C781	0800041	CAPACITOR ELECTROLYTIC 47MF 16V	C955	0243503	CD 150PF +-10% 500V
C782	0244120	CD 820PF +-10% 50V	C956	0243503	CD 150PF +-10% 500V
C801G	0257543	EL 3.3MF 315V	C957	0258178G	EL 470MF,63V
C804B	0243425	CD 100PF +-10% 1.6KV	C958	0258175	EL 470MF 31.5V
C804G	0243425	CD 100PF +-10% 1.6KV	C959	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C804R	0243425	CD 100PF +-10% 1.6KV	C960	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C805B	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C961	0800041	CAPACITOR ELECTROLYTIC 47MF 16V
C805G	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C962	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C805R	0800049	CAPACITOR,ELECTROLYTIC 100MF 16V	C963	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C807B	0244105	CD 2200PF +-10% 50V	C964	0800023	CAPACITOR ELECTROLYTIC 22MF 16V
C807G	0244105	CD 2200PF +-10% 50V	C965	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C807R	0244105	CD 2200PF +-10% 50V	C966	0800044	CAPACITOR ELECTROLYTIC 47MF 50V
C808B	0244120	CD 820PF +-10% 50V	C967	0800003	CAPACITOR ELECTROLYTIC 1MF 50V
C808G	0244120	CD 820PF +-10% 50V	C971	0880062	PF 0.22MF +-10% 50V
C808R	0244115	CD 560PF +-10% 50V	C972	0800032	CAPACITOR-ELECTROLYTIC 33MF 16V
C809R	0244227	CD 100PF +-10% 50V	C973	0800042	CAPACITOR ELECTROLYTIC 47MF 25V
C901	0800075	CAPACITOR ELECTROLYTIC 470MF 25V	C974	0800042	CAPACITOR ELECTROLYTIC 47MF 25V
Δ C902	0279718	PF 0.1MF +-10% 125V	C976	0258179G	EL 1000MF,6
Δ C903	0279718	PF 0.1MF +-10% 125V	C977	0243503	CD 150PF +-10% 500V
Δ C906	0248593F	CD 4700PF +80-20% 250V	C980	0247850	CD 68PF +-5% 500V
Δ C907	0248593F	CD 4700PF +80-20% 250V	C983	0800053	CAPACITOR ELECTROLYTIC 100MF 50V
Δ C908	0248593F	CD 4700PF +80-20% 250V	C984	0800053	CAPACITOR ELECTROLYTIC 100MF 50V
Δ C909	0248593F	CD 4700PF +80-20% 250V	C985	0258178G	EL 470MF,63V
Δ C910	0259167	EL 820MF 200V	C986	0880062	PF 0.22MF +-10% 50V
Δ C911	0244501	CD 1000PF +-10% 500V	C987	0258175	EL 470MF 31.5V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C988	0244115F	CD 560PF $\pm$ -10% 50V	R0053	0700041	CF 1K OHM $\pm$ -5% 1/16W
C989	0880062	PF 0.22MF $\pm$ -10% 50V	R0054	0700041	CF 1K OHM $\pm$ -5% 1/16W
C990	0880062	PF 0.22MF $\pm$ -10% 50V	R0055	0700041	CF 1K OHM $\pm$ -5% 1/16W
C991	0880062	PF 0.22MF $\pm$ -10% 50V	R0056	0700064	CF 56K OHM $\pm$ -5% 1/16W
C992	0880062	PF 0.22MF $\pm$ -10% 50V	R0057	0700043	CF 1.5K OHM $\pm$ -5% 1/16W
RESISTORS			R0058	0700049	CF 4.7K OHM $\pm$ -5% 1/16W
R0001	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0059	0700045	CF 2.2K OHM $\pm$ -5% 1/16W
R0002	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0060	0700058	CF 22K OHM $\pm$ -5% 1/16W
R0003	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0061	0700058	CF 22K OHM $\pm$ -5% 1/16W
R0004	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0062	0700061	CF 33K OHM $\pm$ -5% 1/16W
R0005	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0063	0700027	CF 100 OHM $\pm$ -5% 1/16W
R0006	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0065	0700067	CF 100K OHM $\pm$ -5% 1/16W
R0007	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0066	0700058	CF 22K OHM $\pm$ -5% 1/16W
R0008	0700054	CF 10K OHM $\pm$ -5% 1/16W	R0067	0700049	CF 4.7K OHM $\pm$ -5% 1/16W
R0009	0700048	CF 3.9K OHM $\pm$ -5% 1/16W	R0068	0700031	CF 180 OHM $\pm$ -5% 1/16W
R0012	0700061	CF 33K OHM $\pm$ -5% 1/16W	R0069	0700047	CF 3.3K OHM $\pm$ -5% 1/16W
R0013	0700054	CF 10K OHM $\pm$ -5% 1/16W	R0070	0700066	CF 82K OHM $\pm$ -5% 1/16W
R0014	0700048	CF 3.9K OHM $\pm$ -5% 1/16W	R0071	0700066	CF 82K OHM $\pm$ -5% 1/16W
R0015	0700054	CF 10K OHM $\pm$ -5% 1/16W	R0072	0700054	CF 10K OHM $\pm$ -5% 1/16W
R0016	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0073	0700054	CF 10K OHM $\pm$ -5% 1/16W
R0017	0700051	CF 5.6K OHM $\pm$ -5% 1/16W	R0074	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0018	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0075	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0019	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0076	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0020	0700054	CF 10K OHM $\pm$ -5% 1/16W	R0077	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0021	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0078	0700067	CF 100K OHM $\pm$ -5% 1/16W
R0022	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0079	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0023	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0080	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0024	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0081	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0025	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0082	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0026	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0083	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0027	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0084	0700052	CF 6.8K OHM $\pm$ -5% 1/16W
R0028	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0085	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0029	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0086	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0030	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0087	0700052	CF 6.8K OHM $\pm$ -5% 1/16W
R0031	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0088	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0032	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0089	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0033	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0094	0700045	CF 2.2K OHM $\pm$ -5% 1/16W
R0034	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0095	0700052	CF 6.8K OHM $\pm$ -5% 1/16W
R0036	0700045	CF 2.2K OHM $\pm$ -5% 1/16W	R0096	0700056	CF 15K OHM $\pm$ -5% 1/16W
R0037	0700058	CF 22K OHM $\pm$ -5% 1/16W	R0097	0700054	CF 10K OHM $\pm$ -5% 1/16W
R0040	0700056	CF 15K OHM $\pm$ -5% 1/16W	R0098	0700036	CF 470 OHM $\pm$ -5% 1/16W
R0041	0700048	CF 3.9K OHM $\pm$ -5% 1/16W	R0099	0700046	CF 2.7K OHM $\pm$ -5% 1/16W
R0042	0700054	CF 10K OHM $\pm$ -5% 1/16W	R0100	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0043	0700056	CF 15K OHM $\pm$ -5% 1/16W	R0101	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0044	0700064	CF 56K OHM $\pm$ -5% 1/16W	R0102	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0045	0700067	CF 100K OHM $\pm$ -5% 1/16W	R0103	0700056	CF 15K OHM $\pm$ -5% 1/16W
R0046	0700063	CF 47K OHM $\pm$ -5% 1/16W	R0104	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0047	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0105	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0048	0700063	CF 47K OHM $\pm$ -5% 1/16W	R0106	0700056	CF 15K OHM $\pm$ -5% 1/16W
R0049	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0107	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0050	0700063	CF 47K OHM $\pm$ -5% 1/16W	R0108	0700041	CF 1K OHM $\pm$ -5% 1/16W
R0051	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0109	0700058	CF 22K OHM $\pm$ -5% 1/16W
R0052	0700041	CF 1K OHM $\pm$ -5% 1/16W	R0110	0700041	CF 1K OHM $\pm$ -5% 1/16W
			R0111	0700058	CF 22K OHM $\pm$ -5% 1/16W
			R0112	0700039	CF 820 OHM $\pm$ -5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R0113	0700052	CF 6.8K OHM + -5% 1/16W	R0172	0700061	CF 33K OHM + -5% 1/16W
R0114	0700039	CF 820 OHM + -5% 1/16W	R0173	0700041	CF 1K OHM + -5% 1/16W
R0115	0700052	CF 6.8K OHM + -5% 1/16W	R0174	0700041	CF 1K OHM + -5% 1/16W
R0116	0700039	CF 820 OHM + -5% 1/16W	R0177	0700058	CF 22K OHM + -5% 1/16W
R0117	0700052	CF 6.8K OHM + -5% 1/16W	R0184	0700041	CF 1K OHM + -5% 1/16W
R0118	0114169	CF 2.2K OHM + -5% 1/4W	R0185	0700037	CF 560 OHM + -5% 1/16W
R0119	0700027	CF 100 OHM + -5% 1/16W	R0186	0700042	CF 1.2K OHM + -5% 1/16W
R0120	0114161	CF 1K OHM + -5% 1/4W	R0187	0700041	CF 1K OHM + -5% 1/16W
R0121	0700027	CF 100 OHM + -5% 1/16W	R0188	0700041	CF 1K OHM + -5% 1/16W
R0122	0114161	CF 1K OHM + -5% 1/4W	R0189	0700041	CF 1K OHM + -5% 1/16W
R0123	0700027	CF 100 OHM + -5% 1/16W	R0190	0700041	CF 1K OHM + -5% 1/16W
R0124	0700041	CF 1K OHM + -5% 1/16W	R0191	0700041	CF 1K OHM + -5% 1/16W
R0125	0700067	CF 100K OHM + -5% 1/16W	R0192	0700058	CF 22K OHM + -5% 1/16W
R0126	0700054	CF 10K OHM + -5% 1/16W	R0194	0700058	CF 22K OHM + -5% 1/16W
R0127	0700046	CF 2.7K OHM + -5% 1/16W	R0195	0700058	CF 22K OHM + -5% 1/16W
R0128	0700054	CF 10K OHM + -5% 1/16W	R0196	0100065	CF 1K OHM + -5% 1/8W
R0129	0700041	CF 1K OHM + -5% 1/16W	R0197	0700058	CF 22K OHM + -5% 1/16W
R0130	0700067	CF 100K OHM + -5% 1/16W	R0198	0700058	CF 22K OHM + -5% 1/16W
R0131	0700054	CF 10K OHM + -5% 1/16W	R0199	0700058	CF 22K OHM + -5% 1/16W
R0132	0700046	CF 2.7K OHM + -5% 1/16W	R0200	0700058	CF 22K OHM + -5% 1/16W
R0133	0700054	CF 10K OHM + -5% 1/16W	R0204	0700041	CF 1K OHM + -5% 1/16W
R0135	0700052	CF 6.8K OHM + -5% 1/16W	R0205	0700041	CF 1K OHM + -5% 1/16W
R0136	0700052	CF 6.8K OHM + -5% 1/16W	R0206	0700041	CF 1K OHM + -5% 1/16W
R0137	0113703	CF 12 OHM + -5% 1/2W	R0208	0700055	CF 12K OHM + -5% 1/16W
R0138	0700036	CF 470 OHM + -5% 1/16W	R0209	0700058	CF 22K OHM + -5% 1/16W
Δ R0139	0119687	FR 4.7 OHM + -5% 1/4W	R0210	0700051	CF 5.6K OHM + -5% 1/16W
R0140	0700041	CF 1K OHM + -5% 1/16W	R0211	0700052	CF 6.8K OHM + -5% 1/16W
R0141	0700041	CF 1K OHM + -5% 1/16W	R0212	0700067	CF 100K OHM + -5% 1/16W
R0142	0700041	CF 1K OHM + -5% 1/16W	R0213	0700041	CF 1K OHM + -5% 1/16W
R0143	0700063	CF 47K OHM + -5% 1/16W	R0214	0700057	CF 18K OHM + -5% 1/16W
R0144	0700041	CF 1K OHM + -5% 1/16W	R0215	0700041	CF 1K OHM + -5% 1/16W
R0145	0700051	CF 5.6K OHM + -5% 1/16W	R0216	0700043	CF 1.5K OHM + -5% 1/16W
Δ R0146	0150136	VR 5K OHM-B	R0217	0700058	CF 22K OHM + -5% 1/16W
R0147	0100127	CF 390K OHM + -5% 1/8W	R0218	0700027	CF 100 OHM + -5% 1/16W
R0148	0100119	CF 180K OHM + -5% 1/8W	R0219	0700041	CF 1K OHM + -5% 1/16W
R0149	0100121	CF 220K OHM + -5% 1/8W	R0220	0700058	CF 22K OHM + -5% 1/16W
R0150	0700041	CF 1K OHM + -5% 1/16W	R0221	0700058	CF 22K OHM + -5% 1/16W
R0151	0700058	CF 22K OHM + -5% 1/16W	R0222	0700058	CF 22K OHM + -5% 1/16W
R0152	0700062	CF 39K OHM + -5% 1/16W	R0224	0700051	CF 5.6K OHM + -5% 1/16W
R0154	0700041	CF 1K OHM + -5% 1/16W	R0225	0700059	CF 27K OHM + -5% 1/16W
R0155	0700041	CF 1K OHM + -5% 1/16W	R0226	0700067	CF 100K OHM + -5% 1/16W
R0156	0700041	CF 1K OHM + -5% 1/16W	R0229	0700046	CF 2.7K OHM + -5% 1/16W
R0157	0700048	CF 3.9K OHM + -5% 1/16W	R0230	0700041	CF 1K OHM + -5% 1/16W
R0158	0700054	CF 10K OHM + -5% 1/16W	R0231	0700041	CF 1K OHM + -5% 1/16W
R0159	0700041	CF 1K OHM + -5% 1/16W	R1101	0700054	CF 10K OHM + -5% 1/16W
R0160	0700041	CF 1K OHM + -5% 1/16W	R1102	0700054	CF 10K OHM + -5% 1/16W
R0161	0700041	CF 1K OHM + -5% 1/16W	R1103	0700045	CF 2.2K OHM + -5% 1/16W
R0163	0700041	CF 1K OHM + -5% 1/16W	R1104	0700041	CF 1K OHM + -5% 1/16W
R0165	0114161	CF 1K OHM + -5% 1/4W	R1226	0700055	CF 12K OHM + -5% 1/16W
R0166	0700058	CF 22K OHM + -5% 1/16W	Δ R1227	0150136	VR 5K OHM-B
R0167	0700051	CF 5.6K OHM + -5% 1/16W	R1228	0700055	CF 12K OHM + -5% 1/16W
R0168	0700057	CF 18K OHM + -5% 1/16W	R1229	0700058	CF 22K OHM + -5% 1/16W
R0169	0700054	CF 10K OHM + -5% 1/16W	R1230	0113684	CF 2.2 OHM + -5% 1/2W
R0170	0700054	CF 10K OHM + -5% 1/16W	R1231	0113774	CF 10K OHM + -5% 1/2W
R0171	0700054	CF 10K OHM + -5% 1/16W	R1232	0113701	CF 10 OHM + -5% 1/2W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R1233	0100081	CF 4.7K OHM + -5% 1/8W	R1371	0700032	CF 220 OHM + -5% 1/16W
R1234	0700056	CF 15K OHM + -5% 1/16W	R1372	0700032	CF 220 OHM + -5% 1/16W
R1235	0700056	CF 15K OHM + -5% 1/16W	R1373	0700032	CF 220 OHM + -5% 1/16W
R1276	0700053	CF 8.2K OHM + -5% 1/16W	R1374	0700032	CF 220 OHM + -5% 1/16W
R1277	0700053	CF 8.2K OHM + -5% 1/16W	R1375	0700032	CF 220 OHM + -5% 1/16W
R1278	0700066	CF 82K OHM + -5% 1/16W	R1376	0700032	CF 220 OHM + -5% 1/16W
R1279	0700054	CF 10K OHM + -5% 1/16W	R1377	0700032	CF 220 OHM + -5% 1/16W
R1280	0700037	CF 560 OHM + -5% 1/16W	R1378	0700032	CF 220 OHM + -5% 1/16W
R1281	0700049	CF 4.7K OHM + -5% 1/16W	R1379	0700032	CF 220 OHM + -5% 1/16W
R1282	0700054	CF 10K OHM + -5% 1/16W	R1390	0700044	CF 1.8K OHM + -5% 1/16W
R1283	0700041	CF 1K OHM + -5% 1/16W	R1401	0700045	CF 2.2K OHM + -5% 1/16W
R1284	0700054	CF 10K OHM + -5% 1/16W	R1402	0700041	CF 1K OHM + -5% 1/16W
R1285	0700054	CF 10K OHM + -5% 1/16W	R1403	0700041	CF 1K OHM + -5% 1/16W
R1286	0700049	CF 4.7K OHM + -5% 1/16W	R1404	0700037	CF 560 OHM + -5% 1/16W
R1291	0110359	MF 3.9K OHM + -5% 3W	R1410	0700067	CF 100K OHM + -5% 1/16W
R1293	0119722	MF 1 OHM + -5% 1W	R1411	0700067	CF 100K OHM + -5% 1/16W
R1301	0700063	CF 47K OHM + -5% 1/16W	R1412	0187038	CF 75 OHM + -5% 1/16W
R1302	0110225	MF 150 OHM + -5% 2W	R1413	0187038	CF 75 OHM + -5% 1/16W
R1303	0113696	CF 6.8 OHM + -5% 1/2W	R1414	0187038	CF 75 OHM + -5% 1/16W
R1304	0113696	CF 6.8 OHM + -5% 1/2W	R1415	0159922	VR 5K OHM-B
R1306	0100077	CF 3.3K OHM + -5% 1/8W	R1416	0700032	CF 220 OHM + -5% 1/16W
R1308	0700063	CF 47K OHM + -5% 1/16W	R1432	0159921	VR 20K OHM-B RV-9
R1309	0700056	CF 15K OHM + -5% 1/16W	R2001	0700061	CF 33K OHM + -5% 1/16W
R1311	0700063	CF 47K OHM + -5% 1/16W	R2002	0700051	CF 5.6K OHM + -5% 1/16W
R1312	0110225	MF 150 OHM + -5% 2W	R2003	0700058	CF 22K OHM + -5% 1/16W
R1313	0113692	CF 4.7 OHM + -5% 1/2W	R2004	0700051	CF 5.6K OHM + -5% 1/16W
R1314	0113692	CF 4.7 OHM + -5% 1/2W	R2005	0700054	CF 10K OHM + -5% 1/16W
R1316	0100077	CF 3.3K OHM + -5% 1/8W	R2006	0114131	CF 100 OHM + -5% 1/4W
R1318	0700063	CF 47K OHM + -5% 1/16W	R2007	0700054	CF 10K OHM + -5% 1/16W
R1319	0700058	CF 22K OHM + -5% 1/16W	R2008	0700054	CF 10K OHM + -5% 1/16W
R1326	0700063	CF 47K OHM + -5% 1/16W	R2009	0700045	CF 2.2K OHM + -5% 1/16W
R1327	0110225	MF 150 OHM + -5% 2W	R2010	0700034	CF 330 OHM + -5% 1/16W
R1328	0113696	CF 6.8 OHM + -5% 1/2W	R2011	0700051	CF 5.6K OHM + -5% 1/16W
R1329	0113696	CF 6.8 OHM + -5% 1/2W	R2012	0700058	CF 22K OHM + -5% 1/16W
R1331	0100077	CF 3.3K OHM + -5% 1/8W	R2013	0700064	CF 56K OHM + -5% 1/16W
R1336	0700063	CF 47K OHM + -5% 1/16W	R2014	0700036	CF 470 OHM + -5% 1/16W
R1337	0110233	MF 330 OHM + -5% 2W	R2015	0700041	CF 1K OHM + -5% 1/16W
R1338	0113692	CF 4.7 OHM + -5% 1/2W	R2016	0700041	CF 1K OHM + -5% 1/16W
R1339	0113692	CF 4.7 OHM + -5% 1/2W	R2017	0700041	CF 1K OHM + -5% 1/16W
R1341	0100077	CF 3.3K OHM + -5% 1/8W	R2018	0700058	CF 22K OHM + -5% 1/16W
R1351	0700063	CF 47K OHM + -5% 1/16W	R2019	0700051	CF 5.6K OHM + -5% 1/16W
R1352	0110225	MF 150 OHM + -5% 2W	R2020	0150115	VR 20K OHM-B
R1353	0113696	CF 6.8 OHM + -5% 1/2W	R2021	0700058	CF 22K OHM + -5% 1/16W
R1354	0113696	CF 6.8 OHM + -5% 1/2W	R2022	0700051	CF 5.6K OHM + -5% 1/16W
R1356	0100077	CF 3.3K OHM + -5% 1/8W	R2023	0700058	CF 22K OHM + -5% 1/16W
R1358	0700063	CF 47K OHM + -5% 1/16W	R2024	0700064	CF 56K OHM + -5% 1/16W
R1359	0700056	CF 15K OHM + -5% 1/16W	R2025	0700041	CF 1K OHM + -5% 1/16W
R1361	0700063	CF 47K OHM + -5% 1/16W	R2026	0700041	CF 1K OHM + -5% 1/16W
R1362	0110225	MF 150 OHM + -5% 2W	R2027	0700045	CF 2.2K OHM + -5% 1/16W
R1363	0113692	CF 4.7 OHM + -5% 1/2W	R2028	0700034	CF 330 OHM + -5% 1/16W
R1364	0113692	CF 4.7 OHM + -5% 1/2W	R2029	0700041	CF 1K OHM + -5% 1/16W
R1366	0100077	CF 3.3K OHM + -5% 1/8W	R2030	0700058	CF 22K OHM + -5% 1/16W
R1368	0700063	CF 47K OHM + -5% 1/16W	R2031	0700041	CF 1K OHM + -5% 1/16W
R1369	0700058	CF 22K OHM + -5% 1/16W	R2032	0700045	CF 2.2K OHM + -5% 1/16W
R1370	0700032	CF 220 OHM + -5% 1/16W	R2033	0700041	CF 1K OHM + -5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R2034	0700043	CF 1.5K OHM + -5% 1/16W	R2164	0114161	CF 1K OHM + -5% 1/4W
R2035	0700048	CF 3.9K OHM + -5% 1/16W	R2165	0100087	CF 8.2K OHM + -5% 1/8W
R2036	0700045	CF 2.2K OHM + -5% 1/16W	R2166	0187072	CF 2K OHM + -5% 1/16W
R2037	0700048	CF 3.9K OHM + -5% 1/16W	R2167	0700049	CF 4.7K OHM + -5% 1/16W
R2101	0150136	VR 5K OHM-B	R2168	0187068	CF 1.3K OHM + -5% 1/16W
R2102	0150136	VR 5K OHM-B	R2169	0187080	CF 4.3K OHM + -5% 1/16W
R2103	0150136	VR 5K OHM-B	R2170	0700055	CF 12K OHM + -5% 1/16W
R2104	0150136	VR 5K OHM-B	R2171	0700047	CF 3.3K OHM + -5% 1/16W
R2105	0150136	VR 5K OHM-B	R2172	0700047	CF 3.3K OHM + -5% 1/16W
R2106	0150136	VR 5K OHM-B	R2173	0700067	CF 100K OHM + -5% 1/16W
R2107	0150136	VR 5K OHM-B	R2174	0700058	CF 22K OHM + -5% 1/16W
R2108	0150136	VR 5K OHM-B	R2175	0700042	CF 1.2K OHM + -5% 1/16W
R2109	0150136	VR 5K OHM-B	R2182	0700051	CF 5.6K OHM + -5% 1/16W
R2110	0150136	VR 5K OHM-B	R2183	0150134	VR 1K OHM-B
R2111	0150136	VR 5K OHM-B	R2185	0150138	VR 20K OHM-B
R2112	0150136	VR 5K OHM-B	R2186	0150138	VR 20K OHM-B
R2113	0150136	VR 5K OHM-B	R2189	0700063	CF 47K OHM + -5% 1/16W
R2114	0150136	VR 5K OHM-B	R2190	0700057	CF 18K OHM + -5% 1/16W
R2115	0150136	VR 5K OHM-B	R2193	0150136	VR 5K OHM-B
R2116	0150136	VR 5K OHM-B	R2194	0150136	VR 5K OHM-B
R2117	0150136	VR 5K OHM-B	R2195	0150136	VR 5K OHM-B
R2118	0150136	VR 5K OHM-B	R2196	0150136	VR 5K OHM-B
R2119	0150136	VR 5K OHM-B	R2197	0700066	CF 82K OHM + -5% 1/16W
R2120	0150136	VR 5K OHM-B	R2199	0187104	CF 43K OHM + -5% 1/16W
R2121	0150136	VR 5K OHM-B	R2200	0700054	CF 10K OHM + -5% 1/16W
R2122	0150136	VR 5K OHM-B	R2201	0187088	CF 9.1K OHM + -5% 1/16W
R2123	0150136	VR 5K OHM-B	R2205	0700067	CF 100K OHM + -5% 1/16W
R2124	0150136	VR 5K OHM-B	R2206	0187098	CF 24K OHM + -5% 1/16W
R2125	0150136	VR 5K OHM-B	R2208	0700049	CF 4.7K OHM + -5% 1/16W
R2126	0150136	VR 5K OHM-B	R2209	0700049	CF 4.7K OHM + -5% 1/16W
R2127	0150136	VR 5K OHM-B	R2210	0700047	CF 3.3K OHM + -5% 1/16W
R2128	0150136	VR 5K OHM-B	R2211	0700054	CF 10K OHM + -5% 1/16W
R2129	0150136	VR 5K OHM-B	R2212	0700048	CF 3.9K OHM + -5% 1/16W
R2130	0150136	VR 5K OHM-B	R2213	0700041	CF 1K OHM + -5% 1/16W
R2131	0150136	VR 5K OHM-B	R2217	0700049	CF 4.7K OHM + -5% 1/16W
R2132	0150136	VR 5K OHM-B	R2218	0700049	CF 4.7K OHM + -5% 1/16W
R2133	0150136	VR 5K OHM-B	R2219	0700067	CF 100K OHM + -5% 1/16W
R2134	0150136	VR 5K OHM-B	R2220	0114161	CF 1K OHM + -5% 1/4W
R2135	0150136	VR 5K OHM-B	R2221	0700045	CF 2.2K OHM + -5% 1/16W
R2136	0150136	VR 5K OHM-B	R2222	0700052	CF 6.8K OHM + -5% 1/16W
R2137	0150136	VR 5K OHM-B	R2223	0700048	CF 3.9K OHM + -5% 1/16W
R2138	0150136	VR 5K OHM-B	R2224	0700048	CF 3.9K OHM + -5% 1/16W
R2139	0150136	VR 5K OHM-B	R2225	0187086	CF 7.5K OHM + -5% 1/16W
R2140	0150136	VR 5K OHM-B	R2226	0700048	CF 3.9K OHM + -5% 1/16W
R2141	0150136	VR 5K OHM-B	R2227	0700051	CF 5.6K OHM + -5% 1/16W
R2142	0150136	VR 5K OHM-B	R2228	0700045	CF 2.2K OHM + -5% 1/16W
R2151	0700044	CF 1.8K OHM + -5% 1/16W	R2229	0700045	CF 2.2K OHM + -5% 1/16W
R2152	0700044	CF 1.8K OHM + -5% 1/16W	R2230	0700053	CF 8.2K OHM + -5% 1/16W
R2154	0187092	CF 13K OHM + -5% 1/16W	R2231	0700041	CF 1K OHM + -5% 1/16W
R2155	0700049	CF 4.7K OHM + -5% 1/16W	R2232	0700054	CF 10K OHM + -5% 1/16W
R2156	0700047	CF 3.3K OHM + -5% 1/16W	R2233	0700049	CF 4.7K OHM + -5% 1/16W
R2157	0700052	CF 6.8K OHM + -5% 1/16W	R2234	0700045	CF 2.2K OHM + -5% 1/16W
R2158	0700054	CF 10K OHM + -5% 1/16W	R2235	0700054	CF 10K OHM + -5% 1/16W
R2162	0700054	CF 10K OHM + -5% 1/16W	R2236	0700049	CF 4.7K OHM + -5% 1/16W
R2163	0100121	CF 220K OHM + -5% 1/8W	R2237	0700045	CF 2.2K OHM + -5% 1/16W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R2238	0700066	CF 82K OHM + -5% 1/16W	R2295	0700063	CF 47K OHM + -5% 1/16W
R2239	0700048	CF 3.9K OHM + -5% 1/16W	R2298	0700042	CF 1.2K OHM + -5% 1/16W
R2240	0700054	CF 10K OHM + -5% 1/16W	R2299	0700049	CF 4.7K OHM + -5% 1/16W
R2241	0700054	CF 10K OHM + -5% 1/16W	R2300	0700051	CF 5.6K OHM + -5% 1/16W
R2242	0700063	CF 47K OHM + -5% 1/16W	R2301	0700042	CF 1.2K OHM + -5% 1/16W
R2243	0700041	CF 1K OHM + -5% 1/16W	R2302	0700046	CF 2.7K OHM + -5% 1/16W
R2244	0700047	CF 3.3K OHM + -5% 1/16W	R2303	0700052	CF 6.8K OHM + -5% 1/16W
R2245	0700051	CF 5.6K OHM + -5% 1/16W	R2304	0700045	CF 2.2K OHM + -5% 1/16W
R2246	0700046	CF 2.7K OHM + -5% 1/16W	R2305	0700048	CF 3.9K OHM + -5% 1/16W
R2247	0700063	CF 47K OHM + -5% 1/16W	R2306	0700049	CF 4.7K OHM + -5% 1/16W
R2250	0700067	CF 100K OHM + -5% 1/16W	R2307	0700067	CF 100K OHM + -5% 1/16W
R2251	0700058	CF 22K OHM + -5% 1/16W	R2308	0700049	CF 4.7K OHM + -5% 1/16W
R2252	0700061	CF 33K OHM + -5% 1/16W	R2309	0700041	CF 1K OHM + -5% 1/16W
R2253	0700042	CF 1.2K OHM + -5% 1/16W	R2310	0700052	CF 6.8K OHM + -5% 1/16W
R2254	0700049	CF 4.7K OHM + -5% 1/16W	R2311	0700058	CF 22K OHM + -5% 1/16W
R2255	0700051	CF 5.6K OHM + -5% 1/16W	R2312	0700061	CF 33K OHM + -5% 1/16W
R2256	0700042	CF 1.2K OHM + -5% 1/16W	R2313	0700046	CF 2.7K OHM + -5% 1/16W
R2257	0700046	CF 2.7K OHM + -5% 1/16W	R2314	0700052	CF 6.8K OHM + -5% 1/16W
R2258	0700052	CF 6.8K OHM + -5% 1/16W	R2315	0700054	CF 10K OHM + -5% 1/16W
R2259	0700045	CF 2.2K OHM + -5% 1/16W	R2316	0700047	CF 3.3K OHM + -5% 1/16W
R2260	0700046	CF 2.7K OHM + -5% 1/16W	R2317	0700047	CF 3.3K OHM + -5% 1/16W
R2261	0700047	CF 3.3K OHM + -5% 1/16W	R2318	0700049	CF 4.7K OHM + -5% 1/16W
R2262	0700047	CF 3.3K OHM + -5% 1/16W	R2319	0700053	CF 8.2K OHM + -5% 1/16W
R2263	0700054	CF 10K OHM + -5% 1/16W	R2320	0700058	CF 22K OHM + -5% 1/16W
R2264	0700047	CF 3.3K OHM + -5% 1/16W	R2321	0700062	CF 39K OHM + -5% 1/16W
R2265	0700058	CF 22K OHM + -5% 1/16W	R2322	0700067	CF 100K OHM + -5% 1/16W
R2266	0700046	CF 2.7K OHM + -5% 1/16W	R2323	0700063	CF 47K OHM + -5% 1/16W
R2267	0700053	CF 8.2K OHM + -5% 1/16W	R2324	0700041	CF 1K OHM + -5% 1/16W
R2268	0700054	CF 10K OHM + -5% 1/16W	R2325	0700052	CF 6.8K OHM + -5% 1/16W
R2269	0700054	CF 10K OHM + -5% 1/16W	R2326	0700045	CF 2.2K OHM + -5% 1/16W
R2270	0700047	CF 3.3K OHM + -5% 1/16W	R2327	0700051	CF 5.6K OHM + -5% 1/16W
R2271	0700048	CF 3.9K OHM + -5% 1/16W	R2328	0700049	CF 4.7K OHM + -5% 1/16W
R2272	0700063	CF 47K OHM + -5% 1/16W	R2329	0700046	CF 2.7K OHM + -5% 1/16W
R2273	0700067	CF 100K OHM + -5% 1/16W	R2330	0700042	CF 1.2K OHM + -5% 1/16W
R2274	0700062	CF 39K OHM + -5% 1/16W	R2331	0700047	CF 3.3K OHM + -5% 1/16W
R2275	0700048	CF 3.9K OHM + -5% 1/16W	R2332	0700053	CF 8.2K OHM + -5% 1/16W
R2276	0700051	CF 5.6K OHM + -5% 1/16W	R2333	0700045	CF 2.2K OHM + -5% 1/16W
R2277	0700052	CF 6.8K OHM + -5% 1/16W	R2334	0700049	CF 4.7K OHM + -5% 1/16W
R2278	0700045	CF 2.2K OHM + -5% 1/16W	R2335	0700049	CF 4.7K OHM + -5% 1/16W
R2279	0700041	CF 1K OHM + -5% 1/16W	R2336	0700063	CF 47K OHM + -5% 1/16W
R2280	0700054	CF 10K OHM + -5% 1/16W	R2337	0187086	CF 7.5K OHM + -5% 1/16W
R2281	0700054	CF 10K OHM + -5% 1/16W	R2338	0700053	CF 8.2K OHM + -5% 1/16W
R2282	0700046	CF 2.7K OHM + -5% 1/16W	R2339	0700054	CF 10K OHM + -5% 1/16W
R2283	0700049	CF 4.7K OHM + -5% 1/16W	R2340	0700049	CF 4.7K OHM + -5% 1/16W
R2284	0700054	CF 10K OHM + -5% 1/16W	R2341	0700052	CF 6.8K OHM + -5% 1/16W
R2285	0700045	CF 2.2K OHM + -5% 1/16W	R2342	0700032	CF 220 OHM + -5% 1/16W
R2286	0700052	CF 6.8K OHM + -5% 1/16W	R2343	0700032	CF 220 OHM + -5% 1/16W
R2287	0700066	CF 82K OHM + -5% 1/16W	R2344	0700032	CF 220 OHM + -5% 1/16W
R2288	0700045	CF 2.2K OHM + -5% 1/16W	R2345	0700032	CF 220 OHM + -5% 1/16W
R2289	0700052	CF 6.8K OHM + -5% 1/16W	R2346	0700032	CF 220 OHM + -5% 1/16W
R2290	0700054	CF 10K OHM + -5% 1/16W	R2347	0700032	CF 220 OHM + -5% 1/16W
R2291	0700027	CF 100 OHM + -5% 1/16W	R2348	0700067	CF 100K OHM + -5% 1/16W
R2292	0700047	CF 3.3K OHM + -5% 1/16W	R2349	0700051	CF 5.6K OHM + -5% 1/16W
R2293	0700046	CF 2.7K OHM + -5% 1/16W	R2350	0700054	CF 10K OHM + -5% 1/16W
R2294	0700049	CF 4.7K OHM + -5% 1/16W	R2352	0700048	CF 3.9K OHM + -5% 1/16W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R2353	0700049	CF 4.7K OHM + -5% 1/16W	R2419	0700065	CF 68K OHM + -5% 1/16W
R2355	0700053	CF 8.2K OHM + -5% 1/16W	R2420	0700054	CF 10K OHM + -5% 1/16W
R2356	0700041	CF 1K OHM + -5% 1/16W	R2421	0700054	CF 10K OHM + -5% 1/16W
R2358	0700041	CF 1K OHM + -5% 1/16W	R2422	0187090	CF 11K OHM + -5% 1/16W
R2359	0700049	CF 4.7K OHM + -5% 1/16W	R2423	0700053	CF 8.2K OHM + -5% 1/16W
R2361	0700064	CF 56K OHM + -5% 1/16W	R2424	0187110	CF 75K OHM + -5% 1/16W
R2362	0700055	CF 12K OHM + -5% 1/16W	R2425	0700038	CF 680 OHM + -5% 1/16W
R2363	0700041	CF 1K OHM + -5% 1/16W	R2426	0700061	CF 33K OHM + -5% 1/16W
R2364	0700049	CF 4.7K OHM + -5% 1/16W	R2427	0700049	CF 4.7K OHM + -5% 1/16W
R2365	0700059	CF 27K OHM + -5% 1/16W	R2428	0700058	CF 22K OHM + -5% 1/16W
R2366	0700041	CF 1K OHM + -5% 1/16W	R2429	0114177	CF 4.7K OHM + -5% 1/4W
R2367	0700049	CF 4.7K OHM + -5% 1/16W	R2441	0100124	CF 300K OHM + -5% 1/8W
R2368	0700041	CF 1K OHM + -5% 1/16W	R2443	0700059	CF 27K OHM + -5% 1/16W
R2369	0700051	CF 5.6K OHM + -5% 1/16W	R2445	0700052	CF 6.8K OHM + -5% 1/16W
R2370	0700043	CF 1.5K OHM + -5% 1/16W	R2446	0700054	CF 10K OHM + -5% 1/16W
R2371	0700048	CF 3.9K OHM + -5% 1/16W	R2447	0700067	CF 100K OHM + -5% 1/16W
R2372	0150134	VR 1K OHM-B	R2448	0700064	CF 56K OHM + -5% 1/16W
R2373	0700047	CF 3.3K OHM + -5% 1/16W	R2449	0700063	CF 47K OHM + -5% 1/16W
R2374	0700062	CF 39K OHM + -5% 1/16W	R2450	0700042	CF 1.2K OHM + -5% 1/16W
R2375	0700047	CF 3.3K OHM + -5% 1/16W	R2451	0100081	CF 4.7K OHM + -5% 1/8W
R2376	0700059	CF 27K OHM + -5% 1/16W	R2454	0700063	CF 47K OHM + -5% 1/16W
R2377	0700063	CF 47K OHM + -5% 1/16W	R2455	0700059	CF 27K OHM + -5% 1/16W
R2378	0700065	CF 68K OHM + -5% 1/16W	R2456	0700063	CF 47K OHM + -5% 1/16W
R2379	0700041	CF 1K OHM + -5% 1/16W	R2466	0700052	CF 6.8K OHM + -5% 1/16W
R2380	0700049	CF 4.7K OHM + -5% 1/16W	R2470	0700067	CF 100K OHM + -5% 1/16W
R2381	0700041	CF 1K OHM + -5% 1/16W	R2471	0700054	CF 10K OHM + -5% 1/16W
R2383	0700041	CF 1K OHM + -5% 1/16W	R2473	0700052	CF 6.8K OHM + -5% 1/16W
R2384	0700049	CF 4.7K OHM + -5% 1/16W	R2474	0700051	CF 5.6K OHM + -5% 1/16W
R2388	0700041	CF 1K OHM + -5% 1/16W	R2479	0700066	CF 82K OHM + -5% 1/16W
R2389	0700041	CF 1K OHM + -5% 1/16W	R2480	0700063	CF 47K OHM + -5% 1/16W
R2390	0700052	CF 6.8K OHM + -5% 1/16W	R2481	0700063	CF 47K OHM + -5% 1/16W
R2391	0700062	CF 39K OHM + -5% 1/16W	R2482	0100121	CF 220K OHM + -5% 1/8W
R2392	0700041	CF 1K OHM + -5% 1/16W	R2483	0700039	CF 820 OHM + -5% 1/16W
R2393	0700042	CF 1.2K OHM + -5% 1/16W	R2501	0700043	CF 1.5K OHM + -5% 1/16W
R2394	0187082	CF 5.1K OHM + -5% 1/16W	R2502	0700044	CF 1.8K OHM + -5% 1/16W
R2396	0700041	CF 1K OHM + -5% 1/16W	R2503	0700043	CF 1.5K OHM + -5% 1/16W
R2397	0700052	CF 6.8K OHM + -5% 1/16W	R2504	0700051	CF 5.6K OHM + -5% 1/16W
R2398	0700054	CF 10K OHM + -5% 1/16W	R2505	0187106	CF 51K OHM + -5% 1/16W
R2399	0700043	CF 1.5K OHM + -5% 1/16W	R2506	0700054	CF 10K OHM + -5% 1/16W
R2400	0700049	CF 4.7K OHM + -5% 1/16W	R2510	0700041	CF 1K OHM + -5% 1/16W
R2401	0700041	CF 1K OHM + -5% 1/16W	R2517	0100075	CF 2.7K OHM + -5% 1/8W
R2402	0700041	CF 1K OHM + -5% 1/16W	R2518	0700067	CF 100K OHM + -5% 1/16W
R2403	0700066	CF 82K OHM + -5% 1/16W	R2519	0700058	CF 22K OHM + -5% 1/16W
R2404	0700056	CF 15K OHM + -5% 1/16W	R2520	0700048	CF 3.9K OHM + -5% 1/16W
R2405	0700054	CF 10K OHM + -5% 1/16W	R2521	0119514	FR 10 OHM + -5% 1/4W
R2406	0700047	CF 3.3K OHM + -5% 1/16W	R2522	0119514	FR 10 OHM + -5% 1/4W
R2407	0700047	CF 3.3K OHM + -5% 1/16W	R3001	0700027	CF 100 OHM + -5% 1/16W
R2408	0700041	CF 1K OHM + -5% 1/16W	R3002	0700027	CF 100 OHM + -5% 1/16W
R2409	0700041	CF 1K OHM + -5% 1/16W	R3020	0700034	CF 330 OHM + -5% 1/16W
R2410	0700066	CF 82K OHM + -5% 1/16W	R3022	0100047	CF 180 OHM + -5% 1/8W
R2411	0700056	CF 15K OHM + -5% 1/16W	R3025	0187038	CF 75 OHM + -5% 1/16W
R2412	0700064	CF 56K OHM + -5% 1/16W	R3026	0187038	CF 75 OHM + -5% 1/16W
R2413	0700064	CF 56K OHM + -5% 1/16W	R3033	0700041	CF 1K OHM + -5% 1/16W
R2414	0700059	CF 27K OHM + -5% 1/16W	R3035	0700067	CF 100K OHM + -5% 1/16W
R2417	0700051	CF 5.6K OHM + -5% 1/16W	R3036	0700041	CF 1K OHM + -5% 1/16W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R3037	0700067	CF 100K OHM + -5% 1/16W	R3133	0700027	CF 100 OHM + -5% 1/16W
R3038	0700026	CF 82 OHM + -5% 1/16W	R3134	0700027	CF 100 OHM + -5% 1/16W
R3039	0700067	CF 100K OHM + -5% 1/16W	R3135	0700027	CF 100 OHM + -5% 1/16W
R304	0700067	CF 100K OHM + -5% 1/16W	R3139	0700041	CF 1K OHM + -5% 1/16W
R305	0700058	CF 22K OHM + -5% 1/16W	R314	0700049	CF 4.7K OHM + -5% 1/16W
R306	0700055	CF 12K OHM + -5% 1/16W	Δ R3140	0150137	VR 10K OHM-B
R3063	0700027	CF 100 OHM + -5% 1/16W	R3141	0700045	CF 2.2K OHM + -5% 1/16W
R3065	0700039	CF 820 OHM + -5% 1/16W	R3142	0700045	CF 2.2K OHM + -5% 1/16W
R3066	0700041	CF 1K OHM + -5% 1/16W	Δ R3143	0150137	VR 10K OHM-B
R3068	0700041	CF 1K OHM + -5% 1/16W	R3144	0700045	CF 2.2K OHM + -5% 1/16W
R3069	0700041	CF 1K OHM + -5% 1/16W	R3145	0700045	CF 2.2K OHM + -5% 1/16W
R307	0700058	CF 22K OHM + -5% 1/16W	Δ R3146	0150137	VR 10K OHM-B
R308	0700064	CF 56K OHM + -5% 1/16W	R3147	0700047	CF 3.3K OHM + -5% 1/16W
R3081	0700041	CF 1K OHM + -5% 1/16W	R3148	0700047	CF 3.3K OHM + -5% 1/16W
R3082	0700041	CF 1K OHM + -5% 1/16W	R3149	0700027	CF 100 OHM + -5% 1/16W
R3083	0700027	CF 100 OHM + -5% 1/16W	R315	0700051	CF 5.6K OHM + -5% 1/16W
R3084	0700041	CF 1K OHM + -5% 1/16W	R3150	0700032	CF 220 OHM + -5% 1/16W
R3085	0700041	CF 1K OHM + -5% 1/16W	R3151	0700027	CF 100 OHM + -5% 1/16W
R3086	0700027	CF 100 OHM + -5% 1/16W	R3152	0700032	CF 220 OHM + -5% 1/16W
R309	0700048	CF 3.9K OHM + -5% 1/16W	R3153	0700027	CF 100 OHM + -5% 1/16W
R3094	0700039	CF 820 OHM + -5% 1/16W	R3154	0700032	CF 220 OHM + -5% 1/16W
R3095	0700027	CF 100 OHM + -5% 1/16W	R3155	0700027	CF 100 OHM + -5% 1/16W
R3096	0700027	CF 100 OHM + -5% 1/16W	R3156	0700041	CF 1K OHM + -5% 1/16W
R3097	0700054	CF 10K OHM + -5% 1/16W	R3157	0700041	CF 1K OHM + -5% 1/16W
R3098	0700054	CF 10K OHM + -5% 1/16W	R3158	0700061	CF 33K OHM + -5% 1/16W
R3099	0700054	CF 10K OHM + -5% 1/16W	R316	0700047	CF 3.3K OHM + -5% 1/16W
R310	0700051	CF 5.6K OHM + -5% 1/16W	R3160	0700061	CF 33K OHM + -5% 1/16W
R3100	0700054	CF 10K OHM + -5% 1/16W	R3166	0700054	CF 10K OHM + -5% 1/16W
R3101	0700027	CF 100 OHM + -5% 1/16W	R3167	0100045	CF 150 OHM + -5% 1/8W
R3103	0700031	CF 180 OHM + -5% 1/16W	R3168	0700041	CF 1K OHM + -5% 1/16W
R3104	0700063	CF 47K OHM + -5% 1/16W	R3169	0700041	CF 1K OHM + -5% 1/16W
R3105	0700063	CF 47K OHM + -5% 1/16W	R317	0700039	CF 820 OHM + -5% 1/16W
R3106	0700039	CF 820 OHM + -5% 1/16W	R3170	0700041	CF 1K OHM + -5% 1/16W
R3107	0700041	CF 1K OHM + -5% 1/16W	R3171	0700054	CF 10K OHM + -5% 1/16W
R3108	0700041	CF 1K OHM + -5% 1/16W	R3172	0700041	CF 1K OHM + -5% 1/16W
R3109	0700038	CF 680 OHM + -5% 1/16W	R3173	0700027	CF 100 OHM + -5% 1/16W
R311	0700053	CF 8.2K OHM + -5% 1/16W	R3174	0700054	CF 10K OHM + -5% 1/16W
R3111	0700027	CF 100 OHM + -5% 1/16W	R3175	0700049	CF 4.7K OHM + -5% 1/16W
R3112	0187038	CF 75 OHM + -5% 1/16W	R3176	0150137	VR 10K OHM-B
R3113	0700041	CF 1K OHM + -5% 1/16W	R3179	0700043	CF 1.5K OHM + -5% 1/16W
R3114	0700067	CF 100K OHM + -5% 1/16W	R318	0100117	CF 150K OHM + -5% 1/8W
R3115	0700041	CF 1K OHM + -5% 1/16W	R3180	0700038	CF 680 OHM + -5% 1/16W
R3116	0700067	CF 100K OHM + -5% 1/16W	R3181	0700054	CF 10K OHM + -5% 1/16W
R3117	0187038	CF 75 OHM + -5% 1/16W	R319	0700049	CF 4.7K OHM + -5% 1/16W
R3118	0700067	CF 100K OHM + -5% 1/16W	R320	0100123	CF 270K OHM + -5% 1/8W
R3119	0700067	CF 100K OHM + -5% 1/16W	R321	0700054	CF 10K OHM + -5% 1/16W
R312	0700055	CF 12K OHM + -5% 1/16W	R322	0700049	CF 4.7K OHM + -5% 1/16W
R3125	0700027	CF 100 OHM + -5% 1/16W	R323	0700058	CF 22K OHM + -5% 1/16W
R3126	0700034	CF 330 OHM + -5% 1/16W	R324	0700057	CF 18K OHM + -5% 1/16W
R3127	0700041	CF 1K OHM + -5% 1/16W	R325	0700041	CF 1K OHM + -5% 1/16W
R3129	0700027	CF 100 OHM + -5% 1/16W	R326	0700045	CF 2.2K OHM + -5% 1/16W
Δ R313	0150136	VR 5K OHM-B	R327	0700039	CF 820 OHM + -5% 1/16W
R3130	0700047	CF 3.3K OHM + -5% 1/16W	R328	0700043	CF 1.5K OHM + -5% 1/16W
R3131	0700054	CF 10K OHM + -5% 1/16W	R329	0700046	CF 2.7K OHM + -5% 1/16W
R3132	0700054	CF 10K OHM + -5% 1/16W	R3301	0700041	CF 1K OHM + -5% 1/16W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R3302	0700041	CF 1K OHM $\pm$ 5% 1/16W	R347	0700058	CF 22K OHM $\pm$ 5% 1/16W
R3303	0700041	CF 1K OHM $\pm$ 5% 1/16W	Δ R348	0150137	VR 10K OHM-B
R3305	0700058	CF 22K OHM $\pm$ 5% 1/16W	R349	0700059	CF 27K OHM $\pm$ 5% 1/16W
R3306	0700058	CF 22K OHM $\pm$ 5% 1/16W	R350	0700059	CF 27K OHM $\pm$ 5% 1/16W
R3307	0700058	CF 22K OHM $\pm$ 5% 1/16W	R3505	0700027	CF 100 OHM $\pm$ 5% 1/16W
R3308	0700058	CF 22K OHM $\pm$ 5% 1/16W	R351	0700058	CF 22K OHM $\pm$ 5% 1/16W
R3309	0700058	CF 22K OHM $\pm$ 5% 1/16W	R352	0700058	CF 22K OHM $\pm$ 5% 1/16W
R331	0700038	CF 680 OHM $\pm$ 5% 1/16W	R353	0700058	CF 22K OHM $\pm$ 5% 1/16W
R3310	0700041	CF 1K OHM $\pm$ 5% 1/16W	R354	0700067	CF 100K OHM $\pm$ 5% 1/16W
R3311	0700041	CF 1K OHM $\pm$ 5% 1/16W	R355	0700049	CF 4.7K OHM $\pm$ 5% 1/16W
R3312	0700041	CF 1K OHM $\pm$ 5% 1/16W	R356	0700048	CF 3.9K OHM $\pm$ 5% 1/16W
R3313	0700041	CF 1K OHM $\pm$ 5% 1/16W	R358	0700041	CF 1K OHM $\pm$ 5% 1/16W
R3314	0700041	CF 1K OHM $\pm$ 5% 1/16W	R359	0700054	CF 10K OHM $\pm$ 5% 1/16W
R3315	0700067	CF 100K OHM $\pm$ 5% 1/16W	R361	0700043	CF 1.5K OHM $\pm$ 5% 1/16W
R3316	0700063	CF 47K OHM $\pm$ 5% 1/16W	R362	0700027	CF 100 OHM $\pm$ 5% 1/16W
R3317	0700037	CF 560 OHM $\pm$ 5% 1/16W	R363	0700027	CF 100 OHM $\pm$ 5% 1/16W
R3318	0700041	CF 1K OHM $\pm$ 5% 1/16W	R364	0100053	CF 330 OHM $\pm$ 5% 1/8W
R3319	0187066	CF 1.1K OHM $\pm$ 5% 1/16W	R365	0700045	CF 2.2K OHM $\pm$ 5% 1/16W
R332	0700038	CF 680 OHM $\pm$ 5% 1/16W	R366	0700041	CF 1K OHM $\pm$ 5% 1/16W
R3320	0700063	CF 47K OHM $\pm$ 5% 1/16W	R367	0100053	CF 330 OHM $\pm$ 5% 1/8W
R3321	0700064	CF 56K OHM $\pm$ 5% 1/16W	R368	0700025	CF 68 OHM $\pm$ 5% 1/16W
R3322	0700045	CF 2.2K OHM $\pm$ 5% 1/16W	R371	0700058	CF 22K OHM $\pm$ 5% 1/16W
R3325	0700027	CF 100 OHM $\pm$ 5% 1/16W	R372	0700058	CF 22K OHM $\pm$ 5% 1/16W
R3326	0700036	CF 470 OHM $\pm$ 5% 1/16W	R373	0700028	CF 120 OHM $\pm$ 5% 1/16W
R3327	0700036	CF 470 OHM $\pm$ 5% 1/16W	R374	0700058	CF 22K OHM $\pm$ 5% 1/16W
R3329	0700027	CF 100 OHM $\pm$ 5% 1/16W	R375	0700058	CF 22K OHM $\pm$ 5% 1/16W
R333	0700042	CF 1.2K OHM $\pm$ 5% 1/16W	R378	0700034	CF 330 OHM $\pm$ 5% 1/16W
R3330	0700037	CF 560 OHM $\pm$ 5% 1/16W	R379	0700033	CF 270 OHM $\pm$ 5% 1/16W
R3331	0700046	CF 2.7K OHM $\pm$ 5% 1/16W	R381	0700054	CF 10K OHM $\pm$ 5% 1/16W
R334	0700061	CF 33K OHM $\pm$ 5% 1/16W	R382	0700067	CF 100K OHM $\pm$ 5% 1/16W
R3342	0700058	CF 22K OHM $\pm$ 5% 1/16W	R383	0700032	CF 220 OHM $\pm$ 5% 1/16W
R3343	0700058	CF 22K OHM $\pm$ 5% 1/16W	R384	0700028	CF 120 OHM $\pm$ 5% 1/16W
R3344	0700042	CF 1.2K OHM $\pm$ 5% 1/16W	R385	0700022	CF 39 OHM $\pm$ 5% 1/16W
R3345	0700063	CF 47K OHM $\pm$ 5% 1/16W	R386	0700027	CF 100 OHM $\pm$ 5% 1/16W
R3346	0700062	CF 39K OHM $\pm$ 5% 1/16W	R387	0700037	CF 560 OHM $\pm$ 5% 1/16W
R3347	0700058	CF 22K OHM $\pm$ 5% 1/16W	R388	0100053	CF 330 OHM $\pm$ 5% 1/8W
R3348	0700061	CF 33K OHM $\pm$ 5% 1/16W	R389	0700025	CF 68 OHM $\pm$ 5% 1/16W
R3349	0700041	CF 1K OHM $\pm$ 5% 1/16W	R392	0700037	CF 560 OHM $\pm$ 5% 1/16W
R335	0700058	CF 22K OHM $\pm$ 5% 1/16W	R396	0700041	CF 1K OHM $\pm$ 5% 1/16W
R3350	0700061	CF 33K OHM $\pm$ 5% 1/16W	R397	0700044	CF 1.8K OHM $\pm$ 5% 1/16W
R3351	0700058	CF 22K OHM $\pm$ 5% 1/16W	R398	0700032	CF 220 OHM $\pm$ 5% 1/16W
R3352	0700041	CF 1K OHM $\pm$ 5% 1/16W	R399	0700058	CF 22K OHM $\pm$ 5% 1/16W
R3353	0700027	CF 100 OHM $\pm$ 5% 1/16W	R4001	0110311	MF 39 OHM $\pm$ 5% 3W
R3354	0700027	CF 100 OHM $\pm$ 5% 1/16W	R4003	0114161	CF 1K OHM $\pm$ 5% 1/4W
R336	0700027	CF 100 OHM $\pm$ 5% 1/16W	R4004	0114145	CF 390 OHM $\pm$ 5% 1/4W
R337	0700044	CF 1.8K OHM $\pm$ 5% 1/16W	R4005	0114145	CF 390 OHM $\pm$ 5% 1/4W
R338	0700063	CF 47K OHM $\pm$ 5% 1/16W	R4010	0700041	CF 1K OHM $\pm$ 5% 1/16W
R339	0100055	CF 390 OHM $\pm$ 5% 1/8W	R4011	0700054	CF 10K OHM $\pm$ 5% 1/16W
R340	0700041	CF 1K OHM $\pm$ 5% 1/16W	R4012	0700062	CF 39K OHM $\pm$ 5% 1/16W
R341	0700039	CF 820 OHM $\pm$ 5% 1/16W	R4014	0700034	CF 330 OHM $\pm$ 5% 1/16W
R342	0700061	CF 33K OHM $\pm$ 5% 1/16W	R4015	0700052	CF 6.8K OHM $\pm$ 5% 1/16W
R343	0700039	CF 820 OHM $\pm$ 5% 1/16W	R4016	0700041	CF 1K OHM $\pm$ 5% 1/16W
R344	0700041	CF 1K OHM $\pm$ 5% 1/16W	R4017	0700041	CF 1K OHM $\pm$ 5% 1/16W
R345	0700052	CF 6.8K OHM $\pm$ 5% 1/16W	R4018	0700067	CF 100K OHM $\pm$ 5% 1/16W
R346	0700054	CF 10K OHM $\pm$ 5% 1/16W	R4019	0700051	CF 5.6K OHM $\pm$ 5% 1/16W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R4020	0700041	CF 1K OHM + -5% 1/16W	R4097	0700054	CF 10K OHM + -5% 1/16W
R4021	0700041	CF 1K OHM + -5% 1/16W	R4098	0700041	CF 1K OHM + -5% 1/16W
R4022	0700051	CF 5.6K OHM + -5% 1/16W	$\triangle$ R4099	01195051	FR 2.2 OHM + -5% 1/4W
R4023	0700054	CF 10K OHM + -5% 1/16W	$\triangle$ R4100	01195051	FR 2.2 OHM + -5% 1/4W
R4024	0700062	CF 39K OHM + -5% 1/16W	R4101	0700054	CF 10K OHM + -5% 1/16W
R4026	0700034	CF 330 OHM + -5% 1/16W	R4103	0700054	CF 10K OHM + -5% 1/16W
R4027	0700052	CF 6.8K OHM + -5% 1/16W	R4104	0700054	CF 10K OHM + -5% 1/16W
R4028	0700041	CF 1K OHM + -5% 1/16W	R4105	0700054	CF 10K OHM + -5% 1/16W
R4029	0700041	CF 1K OHM + -5% 1/16W	R4106	0700054	CF 10K OHM + -5% 1/16W
R4030	0700067	CF 100K OHM + -5% 1/16W	R4107	0700054	CF 10K OHM + -5% 1/16W
R4031	0700041	CF 1K OHM + -5% 1/16W	R4109	0114161	CF 1K OHM + -5% 1/4W
R4032	0114139	CF 220 OHM + -5% 1/4W	R4116	0700061	CF 33K OHM + -5% 1/16W
R4034	0700063	CF 47K OHM + -5% 1/16W	R4118	0700045	CF 2.2K OHM + -5% 1/16W
R4035	0700049	CF 4.7K OHM + -5% 1/16W	R4119	0700067	CF 100K OHM + -5% 1/16W
R4036	0700049	CF 4.7K OHM + -5% 1/16W	R4120	0700067	CF 100K OHM + -5% 1/16W
R4037	0700054	CF 10K OHM + -5% 1/16W	R4121	0700027	CF 100 OHM + -5% 1/16W
R4039	0700065	CF 68K OHM + -5% 1/16W	R4122	0700067	CF 100K OHM + -5% 1/16W
R4041	0700065	CF 68K OHM + -5% 1/16W	R4124	0700041	CF 1K OHM + -5% 1/16W
R4043	0700052	CF 6.8K OHM + -5% 1/16W	R4125	0700041	CF 1K OHM + -5% 1/16W
R4045	0700054	CF 10K OHM + -5% 1/16W	R4126	0700045	CF 2.2K OHM + -5% 1/16W
R4046	0700055	CF 12K OHM + -5% 1/16W	R4127	0700045	CF 2.2K OHM + -5% 1/16W
R4048	0700043	CF 1.5K OHM + -5% 1/16W	R4134	0700041	CF 1K OHM + -5% 1/16W
R4049	0700038	CF 680 OHM + -5% 1/16W	R4135	0700041	CF 1K OHM + -5% 1/16W
R4050	0700037	CF 560 OHM + -5% 1/16W	R4136	0700049	CF 4.7K OHM + -5% 1/16W
R4051	0100121	CF 220K OHM + -5% 1/8W	R4137	0700063	CF 47K OHM + -5% 1/16W
R4052	0100121	CF 220K OHM + -5% 1/8W	R4138	0700048	CF 3.9K OHM + -5% 1/16W
R4053	0700038	CF 680 OHM + -5% 1/16W	R4139	0700063	CF 47K OHM + -5% 1/16W
R4054	0700037	CF 560 OHM + -5% 1/16W	R4140	0700049	CF 4.7K OHM + -5% 1/16W
R4055	0700043	CF 1.5K OHM + -5% 1/16W	R4141	0700063	CF 47K OHM + -5% 1/16W
R4057	0700049	CF 4.7K OHM + -5% 1/16W	R4142	0700048	CF 3.9K OHM + -5% 1/16W
R4058	0700054	CF 10K OHM + -5% 1/16W	R4143	0700063	CF 47K OHM + -5% 1/16W
R4059	0700045	CF 2.2K OHM + -5% 1/16W	R4144	0700054	CF 10K OHM + -5% 1/16W
R4066	0700045	CF 2.2K OHM + -5% 1/16W	R4146	0114139	CF 220 OHM + -5% 1/4W
R4067	0700067	CF 100K OHM + -5% 1/16W	R4147	0700041	CF 1K OHM + -5% 1/16W
R4068	0700049	CF 4.7K OHM + -5% 1/16W	R4148	0700067	CF 100K OHM + -5% 1/16W
R4069	0700054	CF 10K OHM + -5% 1/16W	R4149	0700067	CF 100K OHM + -5% 1/16W
R4070	0700067	CF 100K OHM + -5% 1/16W	R4150	0700061	CF 33K OHM + -5% 1/16W
R4073	0100061	CF 680 OHM + -5% 1/8W	R4151	0700061	CF 33K OHM + -5% 1/16W
R4074	0700065	CF 68K OHM + -5% 1/16W	R4152	0700056	CF 15K OHM + -5% 1/16W
R4076	0700063	CF 47K OHM + -5% 1/16W	R4153	0700061	CF 33K OHM + -5% 1/16W
R4077	0700049	CF 4.7K OHM + -5% 1/16W	R4154	0700046	CF 2.7K OHM + -5% 1/16W
R4079	0114139	CF 220 OHM + -5% 1/4W	R4155	0700054	CF 10K OHM + -5% 1/16W
R4080	0700061	CF 33K OHM + -5% 1/16W	R4404	0700061	CF 33K OHM + -5% 1/16W
R4081	0700054	CF 10K OHM + -5% 1/16W	R4408	0700061	CF 33K OHM + -5% 1/16W
R4082	0700054	CF 10K OHM + -5% 1/16W	R4410	0100117	CF 150K OHM + -5% 1/8W
R4083	0700041	CF 1K OHM + -5% 1/16W	R4411	0700065	CF 68K OHM + -5% 1/16W
$\triangle$ R4084	01195051	FR 2.2 OHM + -5% 1/4W	R4415	0700045	CF 2.2K OHM + -5% 1/16W
$\triangle$ R4085	01195051	FR 2.2 OHM + -5% 1/4W	R4416	0700045	CF 2.2K OHM + -5% 1/16W
R4086	0114143	CF 330 OHM + -5% 1/4W	R4419	0100121	CF 220K OHM + -5% 1/8W
R4089	0700058	CF 22K OHM + -5% 1/16W	R4420	0100121	CF 220K OHM + -5% 1/8W
R4090	0700054	CF 10K OHM + -5% 1/16W	R4421	0100121	CF 220K OHM + -5% 1/8W
R4093	0100049	CF 220 OHM + -5% 1/8W	R4422	0100121	CF 220K OHM + -5% 1/8W
R4094	0114143	CF 330 OHM + -5% 1/4W	R4423	0100121	CF 220K OHM + -5% 1/8W
R4095	0700061	CF 33K OHM + -5% 1/16W	R4424	0100121	CF 220K OHM + -5% 1/8W
R4096	0700054	CF 10K OHM + -5% 1/16W	R4425	0100121	CF 220K OHM + -5% 1/8W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R4426	0100121	CF 220K OHM $\pm$ 5% 1/8W	R4485	0700045	CF 2.2K OHM $\pm$ 5% 1/16W
R4427	0100121	CF 220K OHM $\pm$ 5% 1/8W	R4486	0700053	CF 8.2K OHM $\pm$ 5% 1/16W
R4428	0100121	CF 220K OHM $\pm$ 5% 1/8W	Δ R4487	0119514	FR 10 OHM $\pm$ 5% 1/4W
R4431	0700064	CF 56K OHM $\pm$ 5% 1/16W	R4488	0700031	CF 180 OHM $\pm$ 5% 1/16W
R4432	0700064	CF 56K OHM $\pm$ 5% 1/16W	R4489	0100077	CF 3.3K OHM $\pm$ 5% 1/8W
R4433	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4490	0100117	CF 150K OHM $\pm$ 5% 1/8W
R4434	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4491	0700063	CF 47K OHM $\pm$ 5% 1/16W
R4435	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4492	0700064	CF 56K OHM $\pm$ 5% 1/16W
R4436	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4493	0187100	CF 30K OHM $\pm$ 5% 1/16W
R4437	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4494	0700051	CF 5.6K OHM $\pm$ 5% 1/16W
R4438	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4495	0700051	CF 5.6K OHM $\pm$ 5% 1/16W
R4439	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4496	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4440	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4497	0100125	CF 330K OHM $\pm$ 5% 1/8W
R4441	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4498	0100127	CF 390K OHM $\pm$ 5% 1/8W
R4442	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4499	0700061	CF 33K OHM $\pm$ 5% 1/16W
R4443	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4500	0100121	CF 220K OHM $\pm$ 5% 1/8W
R4444	0700063	CF 47K OHM $\pm$ 5% 1/16W	R4501	0100121	CF 220K OHM $\pm$ 5% 1/8W
R4445	0700063	CF 47K OHM $\pm$ 5% 1/16W	R4502	0100121	CF 220K OHM $\pm$ 5% 1/8W
R4446	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4503	0700064	CF 56K OHM $\pm$ 5% 1/16W
R4447	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4504	0700045	CF 2.2K OHM $\pm$ 5% 1/16W
R4448	0700063	CF 47K OHM $\pm$ 5% 1/16W	R4505	0700063	CF 47K OHM $\pm$ 5% 1/16W
R4449	0700063	CF 47K OHM $\pm$ 5% 1/16W	R4506	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4450	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4507	0100059	CF 560 OHM $\pm$ 5% 1/8W
R4451	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4508	0700049	CF 4.7K OHM $\pm$ 5% 1/16W
R4452	0700054	CF 10K OHM $\pm$ 5% 1/16W	R4509	0100123	CF 270K OHM $\pm$ 5% 1/8W
R4454	0700041	CF 1K OHM $\pm$ 5% 1/16W	R4510	0700067	CF 100K OHM $\pm$ 5% 1/16W
R4455	0700041	CF 1K OHM $\pm$ 5% 1/16W	R4511	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4456	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4512	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4457	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4513	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4458	0700027	CF 100 OHM $\pm$ 5% 1/16W	R4514	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4460	0700027	CF 100 OHM $\pm$ 5% 1/16W	R4515	0700041	CF 1K OHM $\pm$ 5% 1/16W
R4461	0700054	CF 10K OHM $\pm$ 5% 1/16W	R4516	0700041	CF 1K OHM $\pm$ 5% 1/16W
R4462	0700064	CF 56K OHM $\pm$ 5% 1/16W	R4517	0700041	CF 1K OHM $\pm$ 5% 1/16W
R4463	0700045	CF 2.2K OHM $\pm$ 5% 1/16W	R4518	0700041	CF 1K OHM $\pm$ 5% 1/16W
R4464	0700063	CF 47K OHM $\pm$ 5% 1/16W	R4521	0700034	CF 330 OHM $\pm$ 5% 1/16W
R4465	0151717	VR 5K OHM-B R-8	R4522	0700047	CF 3.3K OHM $\pm$ 5% 1/16W
R4466	0700045	CF 2.2K OHM $\pm$ 5% 1/16W	R4523	0700045	CF 2.2K OHM $\pm$ 5% 1/16W
R4467	0700051	CF 5.6K OHM $\pm$ 5% 1/16W	R4524	0700063	CF 47K OHM $\pm$ 5% 1/16W
R4468	0700051	CF 5.6K OHM $\pm$ 5% 1/16W	R4525	0700067	CF 100K OHM $\pm$ 5% 1/16W
R4469	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4526	0700067	CF 100K OHM $\pm$ 5% 1/16W
R4470	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4527	0700045	CF 2.2K OHM $\pm$ 5% 1/16W
R4471	0113725	CF 100 OHM $\pm$ 5% 1/2W	R4528	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4472	0700027	CF 100 OHM $\pm$ 5% 1/16W	R4529	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4473	0700062	CF 39K OHM $\pm$ 5% 1/16W	R4530	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4474	0700058	CF 22K OHM $\pm$ 5% 1/16W	R4531	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4475	0700054	CF 10K OHM $\pm$ 5% 1/16W	R4532	0700067	CF 100K OHM $\pm$ 5% 1/16W
R4476	0187096	CF 20K OHM $\pm$ 5% 1/16W	R4533	0700061	CF 33K OHM $\pm$ 5% 1/16W
R4477	0187096	CF 20K OHM $\pm$ 5% 1/16W	R4534	0100059	CF 560 OHM $\pm$ 5% 1/8W
R4478	0700054	CF 10K OHM $\pm$ 5% 1/16W	R4535	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4479	0700053	CF 8.2K OHM $\pm$ 5% 1/16W	R4536	0700054	CF 10K OHM $\pm$ 5% 1/16W
R4480	0700052	CF 6.8K OHM $\pm$ 5% 1/16W	R4537	0700067	CF 100K OHM $\pm$ 5% 1/16W
R4481	0700053	CF 8.2K OHM $\pm$ 5% 1/16W	R4601	0700041	CF 1K OHM $\pm$ 5% 1/16W
R4482	0700056	CF 15K OHM $\pm$ 5% 1/16W	R4602	0179536	MG 1M OHM $\pm$ 5% 1/8W
R4483	0700067	CF 100K OHM $\pm$ 5% 1/16W	R4603	0700058	CF 22K OHM $\pm$ 5% 1/16W
R4484	0700041	CF 1K OHM $\pm$ 5% 1/16W	R4604	0700027	CF 100 OHM $\pm$ 5% 1/16W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R4605	0700067	CF 100K OHM $\pm$ -5% 1/16W	R4664	0700067	CF 100K OHM $\pm$ -5% 1/16W
R4606	0700063	CF 47K OHM $\pm$ -5% 1/16W	R4665	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4607	0700067	CF 100K OHM $\pm$ -5% 1/16W	R4666	0100117	CF 150K OHM $\pm$ -5% 1/8W
R4608	0700053	CF 8.2K OHM $\pm$ -5% 1/16W	R4667	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4609	0700056	CF 15K OHM $\pm$ -5% 1/16W	R4668	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4610	0150284	VR 2K OHM-B	R4669	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4611	0700067	CF 100K OHM $\pm$ -5% 1/16W	R4670	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4612	0700067	CF 100K OHM $\pm$ -5% 1/16W	R4671	0100117	CF 150K OHM $\pm$ -5% 1/8W
R4613	0700067	CF 100K OHM $\pm$ -5% 1/16W	R4672	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4614	0700063	CF 47K OHM $\pm$ -5% 1/16W	R4673	0700056	CF 15K OHM $\pm$ -5% 1/16W
R4615	0187086	CF 7.5K OHM $\pm$ -5% 1/16W	R4674	0700056	CF 15K OHM $\pm$ -5% 1/16W
R4616	0700054	CF 10K OHM $\pm$ -5% 1/16W	R4675	0700049	CF 4.7K OHM $\pm$ -5% 1/16W
R4617	0700054	CF 10K OHM $\pm$ -5% 1/16W	R4676	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4618	0100129	CF 470K OHM $\pm$ -5% 1/8W	R4677	0700061	CF 33K OHM $\pm$ -5% 1/16W
R4619	0100129	CF 470K OHM $\pm$ -5% 1/8W	R4678	0700067	CF 100K OHM $\pm$ -5% 1/16W
R4620	0700063	CF 47K OHM $\pm$ -5% 1/16W	R4679	0700067	CF 100K OHM $\pm$ -5% 1/16W
R4621	0187086	CF 7.5K OHM $\pm$ -5% 1/16W	R4680	0700067	CF 100K OHM $\pm$ -5% 1/16W
R4622	0700056	CF 15K OHM $\pm$ -5% 1/16W	R4681	0700044	CF 1.8K OHM $\pm$ -5% 1/16W
R4623	0700056	CF 15K OHM $\pm$ -5% 1/16W	R502	0700032	CF 220 OHM $\pm$ -5% 1/16W
R4624	0700041	CF 1K OHM $\pm$ -5% 1/16W	R503	0700037	CF 560 OHM $\pm$ -5% 1/16W
R4625	0700041	CF 1K OHM $\pm$ -5% 1/16W	R504	0700036	CF 470 OHM $\pm$ -5% 1/16W
R4626	0700054	CF 10K OHM $\pm$ -5% 1/16W	R505	0700056	CF 15K OHM $\pm$ -5% 1/16W
R4627	0700054	CF 10K OHM $\pm$ -5% 1/16W	R506	0700057	CF 18K OHM $\pm$ -5% 1/16W
R4628	0700051	RCF 5.6K OHM $\pm$ -5% 1/16W	R507	0700041	CF 1K OHM $\pm$ -5% 1/16W
R4629	0700051	CF 5.6K OHM $\pm$ -5% 1/16W	R508	0700053	CF 8.2K OHM $\pm$ -5% 1/16W
R4630	0700041	CF 1K OHM $\pm$ -5% 1/16W	R509	0700057	CF 18K OHM $\pm$ -5% 1/16W
R4633	0700027	CF 100 OHM $\pm$ -5% 1/16W	R510	0700045	CF 2.2K OHM $\pm$ -5% 1/16W
R4634	0700041	CF 1K OHM $\pm$ -5% 1/16W	R511	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4635	0700041	CF 1K OHM $\pm$ -5% 1/16W	R512	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4636	0700067	CF 100K OHM $\pm$ -5% 1/16W	R513	0700049	CF 4.7K OHM $\pm$ -5% 1/16W
R4638	0179536	MG 1M OHM $\pm$ -5% 1/8W	R514	0700049	CF 4.7K OHM $\pm$ -5% 1/16W
R4639	0179536	MG 1M OHM $\pm$ -5% 1/8W	R515	0700064	CF 56K OHM $\pm$ -5% 1/16W
R4640	0700041	CF 1K OHM $\pm$ -5% 1/16W	R516	0700057	CF 18K OHM $\pm$ -5% 1/16W
R4641	0700041	CF 1K OHM $\pm$ -5% 1/16W	R517	0100121	CF 220K OHM $\pm$ -5% 1/8W
R4642	0700041	CF 1K OHM $\pm$ -5% 1/16W	R518	0700067	CF 100K OHM $\pm$ -5% 1/16W
R4644	0700041	CF 1K OHM $\pm$ -5% 1/16W	R519	0100125	CF 330K OHM $\pm$ -5% 1/8W
R4645	0700045	CF 2.2K OHM $\pm$ -5% 1/16W	R520	0700047	CF 3.3K OHM $\pm$ -5% 1/16W
R4646	0700054	CF 10K OHM $\pm$ -5% 1/16W	R521	0700054	CF 10K OHM $\pm$ -5% 1/16W
R4647	0700054	CF 10K OHM $\pm$ -5% 1/16W	R522	0700055	CF 12K OHM $\pm$ -5% 1/16W
R4648	0700054	CF 10K OHM $\pm$ -5% 1/16W	R523	0700054	CF 10K OHM $\pm$ -5% 1/16W
R4649	0700054	CF 10K OHM $\pm$ -5% 1/16W	R526	0700047	CF 3.3K OHM $\pm$ -5% 1/16W
R4650	0700051	CF 5.6K OHM $\pm$ -5% 1/16W	R527	0700056	CF 15K OHM $\pm$ -5% 1/16W
R4651	0700041	CF 1K OHM $\pm$ -5% 1/16W	R528	0700049	CF 4.7K OHM $\pm$ -5% 1/16W
R4652	0700041	CF 1K OHM $\pm$ -5% 1/16W	R529	0700057	CF 18K OHM $\pm$ -5% 1/16W
R4653	0700041	CF 1K OHM $\pm$ -5% 1/16W	R530	0700054	CF 10K OHM $\pm$ -5% 1/16W
R4654	0100059	CF 560 OHM $\pm$ -5% 1/8W	R536	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4655	0700041	CF 1K OHM $\pm$ -5% 1/16W	R537	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4656	0700045	CF 2.2K OHM $\pm$ -5% 1/16W	R538	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4657	0700067	CF 100K OHM $\pm$ -5% 1/16W	R539	0700043	CF 1.5K OHM $\pm$ -5% 1/16W
R4658	0700067	CF 100K OHM $\pm$ -5% 1/16W	R540	0700027	CF 100 OHM $\pm$ -5% 1/16W
R4659	0700063	CF 47K OHM $\pm$ -5% 1/16W	R542	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4660	0700063	CF 47K OHM $\pm$ -5% 1/16W	R543	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4661	0700063	CF 47K OHM $\pm$ -5% 1/16W	R544	0700054	CF 10K OHM $\pm$ -5% 1/16W
R4662	0700063	CF 47K OHM $\pm$ -5% 1/16W	R545	0700058	CF 22K OHM $\pm$ -5% 1/16W
R4663	0700027	CF 100 OHM $\pm$ -5% 1/16W	R546	0700064	CF 56K OHM $\pm$ -5% 1/16W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
R547	0700064	CF 56K OHM + -5% 1/16W	R7020	0110105	MF 22 OHM + -5% 1W
R548	0100133	CF 680K OHM + -5% 1/8W	R7021	0100027	CF 27 OHM + -5% 1/8W
R549	0700065	CF 68K OHM + -5% 1/16W	R707	0700023	CF 47 OHM + -5% 1/16W
R550	0700065	CF 68K OHM + -5% 1/16W	Δ R708	0110367	MF 8.2K OHM + -5% 3W
R551	0700064	CF 56K OHM + -5% 1/16W	R709	0113770	CF 6.8K OHM + -5% 1/2W
R601	0700041	CF 1K OHM + -5% 1/16W	Δ R710	0110369	MF 10K OHM + -5% 3W
R602	0700046	CF 2.7K OHM + -5% 1/16W	R711	0119688	MF 0.22 OHM + -5% 1W
R603	0100121	CF 220K OHM + -5% 1/8W	R712	0100039	CF 82 OHM + -5% 1/8W
R604	0700046	CF 2.7K OHM + -5% 1/16W	R719	0113789	CF 39K OHM + -5% 1/2W
R605	0700048	CF 3.9K OHM + -5% 1/16W	R720	0700054	CF 10K OHM + -5% 1/16W
R606	0700051	CF 5.6K OHM + -5% 1/16W	R721	0113793	CF 56K OHM + -5% 1/2W
R607	0700059	CF 27K OHM + -5% 1/16W	R722	0100091	CF 12K OHM + -5% 1/8W
R608	0100121	CF 220K OHM + -5% 1/8W	R723	0700044	CF 1.8K OHM + -5% 1/16W
R609	0700061	CF 33K OHM + -5% 1/16W	R724	0700052	CF 6.8K OHM + -5% 1/16W
R610	0700054	CF 10K OHM + -5% 1/16W	R726	0700048	CF 3.9K OHM + -5% 1/16W
R611	0700057	CF 18K OHM + -5% 1/16W	R727	0700046	CF 2.7K OHM + -5% 1/16W
R612	0700045	CF 2.2K OHM + -5% 1/16W	R728	0187086	CF 7.5K OHM + -5% 1/16W
R613	0700027	CF 100 OHM + -5% 1/16W	R729	0113727	CF 120 OHM + -5% 1/2W
R614	0700027	CF 100 OHM + -5% 1/16W	R732	0110129	MF 220 OHM + -5% 1W
R651	0113725	CF 100 OHM + -5% 1/2W	Δ R733	01195121	FR 1 OHM + -5% 1/4W
R652	0113725	CF 100 OHM + -5% 1/2W	Δ R734	0119514	FR 10 OHM + -5% 1/4W
R653	0113725	CF 100 OHM + -5% 1/2W	R739	0110145	MF 1K OHM + -5% 1W
R654	0700027	CF 100 OHM + -5% 1/16W	Δ R742	0700063	CF 47K OHM + -5% 1/16W
R656	0100053	CF 330 OHM + -5% 1/8W	R744	0100127	CF 390K OHM + -5% 1/8W
R658	0700041	CF 1K OHM + -5% 1/16W	R750	0100075	CF 2.7K OHM + -5% 1/8W
R659	0700041	CF 1K OHM + -5% 1/16W	R751	0113719	CF 56 OHM + -5% 1/2W
R660	0187108	CF 62K OHM + -5% 1/16W	R753	0110359	MF 3.9K OHM + -5% 3W
R661	0700054	CF 10K OHM + -5% 1/16W	R754	0113766	CF 4.7K OHM + -5% 1/2W
Δ R662	0150138	VR 20K OHM-B	R755	0110359	MF 3.9K OHM + -5% 3W
R663	0187110	CF 75K OHM + -5% 1/16W	R759	0700045	CF 2.2K OHM + -5% 1/16W
R664	0700038	CF 680 OHM + -5% 1/16W	R760	0700051	CF 5.6K OHM + -5% 1/16W
R665	0119722	MF 1 OHM + -5% 1W	R761	0700057	CF 18K OHM + -5% 1/16W
R666	0119722	MF 1 OHM + -5% 1W	R762	0700056	CF 15K OHM + -5% 1/16W
R667	0700051	CF 5.6K OHM + -5% 1/16W	Δ R763	0150137	VR 10K OHM-B 15 $\times$
R668	0700061	CF 33K OHM + -5% 1/16W	R764	0700038	CF 680 OHM + -5% 1/16W
R669	0700064	CF 56K OHM + -5% 1/16W	R765	0700057	CF 18K OHM + -5% 1/16W
R670	0700065	CF 68K OHM + -5% 1/16W	R766	0700039	CF 820 OHM + -5% 1/16W
R671	0113766	CF 4.7K OHM + -5% 1/2W	R767	0700054	CF 10K OHM + -5% 1/16W
R672	0110129	MF 220 OHM + -5% 1W	R768	0114149	CF 560 OHM + -5% 1/4W
R673	0700061	CF 33K OHM + -5% 1/16W	R769	0700054	CF 10K OHM + -5% 1/16W
R674	0114135	CF 150 OHM + -5% 1/4W	R770	0100117	CF 150K OHM + -5% 1/8W
R7001	0700039	CF 820 OHM + -5% 1/16W	R771	0700047	CF 3.3K OHM + -5% 1/16W
R7002	0100115	CF 120K OHM + -5% 1/8W	R772	0100049	CF 220 OHM + -5% 1/8W
R7003	0700049	CF 4.7K OHM + -5% 1/16W	R773	0700048	CF 3.9K OHM + -5% 1/16W
R7004	0700052	CF 6.8K OHM + -5% 1/16W	R779	0100065	CF 1K OHM + -5% 1/8W
R7005	0700049	CF 4.7K OHM + -5% 1/16W	R780	0100041	CF 100 OHM + -5% 1/8W
R7006	0700049	CF 4.7K OHM + -5% 1/16W	R781	0110279	MF 27K OHM + -5% 2W
R7007	0700046	CF 2.7K OHM + -5% 1/16W	R782	0110279	MF 27K OHM + -5% 2W
R7008	0700046	CF 2.7K OHM + -5% 1/16W	R783	0110279	MF 27K OHM + -5% 2W
R7009	0700047	CF 3.3K OHM + -5% 1/16W	R784	0110279	MF 27K OHM + -5% 2W
R7010	0700024	CF 56 OHM + -5% 1/16W	R785	0110279	MF 27K OHM + -5% 2W
R7011	0700033	CF 270 OHM + -5% 1/16W	R786	0114213	CF 33K OHM + -5% 1/4W
R7012	0114137	CF 180 OHM + -5% 1/4W	R787	0700052	CF 6.8K OHM + -5% 1/16W
R7014	0114147	CF 470 OHM + -5% 1/4W	R790	0700059	CF 27K OHM + -5% 1/16W
R7019	0700037	CF 560 OHM + -5% 1/16W	R791	0110101	MF 15 OHM + -5% 1W

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
IC2101	2383191	IC LA7990	IC909	2000641	IC SI-3240C (LINEAR)
IC2102	2914051	IC NJM4560D	IC910	2000632	IC SI-3120CA
IC2103	2914051	IC NJM4560D	IC911	2003413	IC UP7912HF (LINEAR)
IC2104	2914051	IC NJM4560D	IC913	2003416	IC UP7924HF (LINEAR)
IC2105	2914051	IC NJM4560D			
IC3001	2003811	IC M52472P (LINEAR)			TRANSISTORS
IC3005	2383342	IC LVA522SA-2 (LINEAR)			
IC3006	2917611	IC LA7016	Q0001	2320644	TR 2SC1213D SI 80MHZ 400MW
IC3007	2917611	IC LA7016	Q0003	2312941M	TR 2SC3413BC/1740S-QRTA
IC301	2381832	IC HA11559NT	Q0004	2312941M	TR 2SC3413BC/1740S-QRTA
IC3301	2383342	IC LVA522SA-2 (LINEAR)	Q0005	2327753	TR 2SA1390 (C)/(D)
IC3302	2380391	IC UPD6326C	Q0006	2312941M	TR 2SC3413BC/1740S-QRTA
IC4001	2003425	IC UPC7815AHF (LINEAR)	Q0007	2312941M	TR 2SC3413BC/1740S-QRTA
IC4002	2916321	IC LA4280	Q0008	2312941M	TR 2SC3413BC/1740S-QRTA
IC4003	2916321	IC LA4280	Q0009	2323521	TR 2SD789 B/C/D/E
IC4004	2366392	IC AN5836	Q0010	2327783	TR 2SC3553 C/D
IC4005	2362605	IC BA4558	Q0011	2327783	TR 2SC3553 C/D
IC4401	2000991	IC M51134P (LINEAR)	Q0012	2312941M	TR 2SC3413BC/1740S-QRTA
IC4402	2362605	IC BA4558	Q0013	2312941M	TR 2SC3413BC/1740S-QRTA
IC4403	2362605	IC BA4558	Q0014	2312941M	TR 2SC3413BC/1740S-QRTA
IC4405	2362605	IC BA4558	Q0015	2312941M	TR 2SC3413BC/1740S-QRTA
IC4406	2362605	IC BA4558	Q0016	2326216	TR 2SC3116 S/T
IC4407	2362605	IC BA4558	Q0017	2327753	TR 2SA1390 (C)/(D)
IC4408	2362651	IC HD14053BP	Q0018	2327753	TR 2SA1390 (C)/(D)
IC4409	2366301	IC UPD4052BC	Q0019	2312941M	TR 2SC3413BC/1740S-QRTA
IC4410	2362651	IC HD14053BP	Q0020	2312941M	TR 2SC3413BC/1740S-QRTA
IC4411	2380041	IC MN3008	Q0021	2312171	TR 2SC3852
IC4412	2380051	IC MN3101	Q0022	2327753	TR 2SA1390 (C)/(D)
IC4413	2362605	IC BA4558	Q0023	2312941M	TR 2SC3413BC/1740S-QRTA
IC4414	2362605	IC BA4558	Q0024	2312941M	TR 2SC3413BC/1740S-QRTA
IC4415	2916051	IC TA7629P	Q1101	2312941M	TR 2SC3413BC/1740S-QRTA
IC4416	2366392	IC AN5836	Q1276	2312941M	TR 2SC3413BC/1740S-QRTA
IC4427	2362605	IC BA4558	Q1277	2312941M	TR 2SC3413BC/1740S-QRTA
IC4601	2361362	IC HD14069UBP	Q1278	2312941M	TR 2SC3413BC/1740S-QRTA
IC4602	2362605	IC BA4558	Q1279	2312941M	TR 2SC3413BC/1740S-QRTA
IC4603	2366301	IC UPD4052BC	Q1280	2327753	TR 2SA1390 (C)/(D)
IC4604	2362605	IC BA4558	Q1401	2312941M	TR 2SC3413BC/1740S-QRTA
IC4605	2362651	IC HD14053BP	Q2001	2312941M	TR 2SC3413BC/1740S-QRTA
IC4606	2000331	IC LA2770	Q2002	2327753	TR 2SA1390 (C)/(D)
IC4607	2362651	IC HD14053BP	Q2003	2312941M	TR 2SC3413BC/1740S-QRTA
IC4608	2366392	IC AN5836	Q2004	2312941M	TR 2SC3413BC/1740S-QRTA
IC4609	2380391	IC UPD6326C	Q2005	2312941M	TR 2SC3413BC/1740S-QRTA
IC4610	2362641	IC HD14013BP	Q2006	2312941M	TR 2SC3413BC/1740S-QRTA
IC4611	2362605	IC BA4558	Q2007	2312941M	TR 2SC3413BC/1740S-QRTA
IC501	2916634	IC HA11511CNT-01	Q2008	2312941M	TR 2SC3413BC/1740S-QRTA
IC502	2003501	IC LA7697(DS24) (LINEAR)	Q2009	2327753	TR 2SA1390 (C)/(D)
IC503	23687211	IC AN5352	Q2010	2312941M	TR 2SC3413BC/1740S-QRTA
IC504	2910815	IC HD74HC00P	Q2011	2312941M	TR 2SC3413BC/1740S-QRTA
IC505	2382135	IC HA178M09	Q2115	2320595	TR 2SC458(D) SI 230MHZ 200MW
IC601	2003541	IC LA7838 (LINEAR)	Q2116	2320595	TR 2SC458(D) SI 230MHZ 200MW
IC602	2003427	IC UP7824AHF (LINEAR)	Q2122	2320595	TR 2SC458(D) SI 230MHZ 200MW
Δ IC901	2380131	IC UPC1094C	Q2123	2320681	TR 2SA673A B/C SI 80MHZ 400MW
Δ IC902	2381344	IC SE130N	Q2124	2320681	TR 2SA673A B/C SI 80MHZ 400MW
Δ IC903	2000465	IC PS2501-1 (KD/LD) (PHOTO COUPLER)	Q2125	2320681	TR 2SA673A B/C SI 80MHZ 400MW
Δ IC904	2000465	IC PS2501-1 (KD/LD) (PHOTO COUPLER)	Q2126	2320595	TR 2SC458(D) SI 230MHZ 200MW

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
Q2130	2320595	TR 2SC458(D) SI 230MHZ 200MW	Q4022	2312941M	TR 2SC3413BC/1740S-QRTA
Q2131	2320595	TR 2SC458(D) SI 230MHZ 200MW	Q4023	2327783	TR 2SC3553 C/D
Q2133	2320595	TR 2SC458(D) SI 230MHZ 200MW	Q4024	2312171	TR 2SC3852
Q2141	2320663	TR 2SC1213AC SI 80MHZ 400MW	Q4028	2327753	TR 2SA1390 (C)/(D)
Q2142	2320595	TR 2SC458(D) SI 230MHZ 200MW	Q4029	2327753	TR 2SA1390 (C)/(D)
Q3007	2326021	TR 2SC1741S	Q4030	2312941M	TR 2SC3413BC/1740S-QRTA
Q3018	2312941M	TR 2SC3413BC/1740S-QRTA	Q4031	2312941M	TR 2SC3413BC/1740S-QRTA
Q3019	2312941M	TR 2SC3413BC/1740S-QRTA	Q4401	2312941M	TR 2SC3413BC/1740S-QRTA
Q302	2312941M	TR 2SC3413BC/1740S-QRTA	Q4408	2312941M	TR 2SC3413BC/1740S-QRTA
Q3023	2327753	TR 2SA1390 (C)/(D)	Q4409	2312941M	TR 2SC3413BC/1740S-QRTA
Q3024	2312941M	TR 2SC3413BC/1740S-QRTA	Q4410	2312941M	TR 2SC3413BC/1740S-QRTA
Q3025	2312941M	TR 2SC3413BC/1740S-QRTA	Q4411	2312941M	TR 2SC3413BC/1740S-QRTA
Q3026	2312941M	TR 2SC3413BC/1740S-QRTA	Q4412	2312941M	TR 2SC3413BC/1740S-QRTA
Q3027	2312941M	TR 2SC3413BC/1740S-QRTA	Q4413	2312941M	TR 2SC3413BC/1740S-QRTA
Q303	2312941M	TR 2SC3413BC/1740S-QRTA	Q4414	2312941M	TR 2SC3413BC/1740S-QRTA
Q304	2312941M	TR 2SC3413BC/1740S-QRTA	Q4415	2312941M	TR 2SC3413BC/1740S-QRTA
Q305	2327753	TR 2SA1390 (C)/(D)	Q4601	2312941M	TR 2SC3413BC/1740S-QRTA
Q306	2327753	TR 2SA1390 (C)/(D)	Q4602	2312941M	TR 2SC3413BC/1740S-QRTA
Q307	2327753	TR 2SA1390 (C)/(D)	Q4603	2327753	TR 2SA1390 (C)/(D)
Q308	2312941M	TR 2SC3413BC/1740S-QRTA	Q501	2312941M	TR 2SC3413BC/1740S-QRTA
Q309	2312941M	TR 2SC3413BC/1740S-QRTA	Q502	2312941M	TR 2SC3413BC/1740S-QRTA
Q310	2312941M	TR 2SC3413BC/1740S-QRTA	Q503	2312941M	TR 2SC3413BC/1740S-QRTA
Q311	2326021	TR 2SC1741S	Q504	2312941M	TR 2SC3413BC/1740S-QRTA
Q312	2325702	TR 2SA854S Q/R	Q505	2312941M	TR 2SC3413BC/1740S-QRTA
Q313	2312941M	TR 2SC3413BC/1740S-QRTA	Q507	2312941M	TR 2SC3413BC/1740S-QRTA
Q314	2327753	TR 2SA1390 (C)/(D)	Q508	2312941M	TR 2SC3413BC/1740S-QRTA
Q315	2312941M	TR 2SC3413BC/1740S-QRTA	Q509	2312941M	TR 2SC3413BC/1740S-QRTA
Q316	2312941M	TR 2SC3413BC/1740S-QRTA	Q601	2327753	TR 2SA1390 (C)/(D)
Q317	2312941M	TR 2SC3413BC/1740S-QRTA	Q602	2312941M	TR 2SC3413BC/1740S-QRTA
Q318	2327753	TR 2SA1390 (C)/(D)	Q603	2312941M	TR 2SC3413BC/1740S-QRTA
Q321	2312941M	TR 2SC3413BC/1740S-QRTA	Q7001	2312171	TR 2SC3852
Q323	2327753	TR 2SA1390 (C)/(D)	Δ Q701	2326216	TR 2SC3116 S/T
Q324	2327753	TR 2SA1390 (C)/(D)	Q707	2312941M	TR 2SC3413BC/1740S-QRTA
Q3301	2312941M	TR 2SC3413BC/1740S-QRTA	Q708	2327753	TR 2SA1390 (C)/(D)
Q3302	2312941M	TR 2SC3413BC/1740S-QRTA	Q710	2323123	TR 2SD1133 (D)
Q3303	2312941M	TR 2SC3413BC/1740S-QRTA	Q711	2327753	TR 2SA1390 (C)/(D)
Q3304	2312941M	TR 2SC3413BC/1740S-QRTA	Q713	2312941M	TR 2SC3413BC/1740S-QRTA
Q3305	2312941M	TR 2SC3413BC/1740S-QRTA	Q714	2312941M	TR 2SC3413BC/1740S-QRTA
Q3306	2312941M	TR 2SC3413BC/1740S-QRTA	Δ Q777	2315273	TRANSISTOR 2SC4589-04
Q3307	2312941M	TR 2SC3413BC/1740S-QRTA	Δ Q780	2314991	TRANSISTOR 2SC4630
Q4003	2312941M	TR 2SC3413BC/1740S-QRTA	Q801B	2312651	TR 2SC3503 C/D/E/F
Q4004	2327753	TR 2SA1390 (C)/(D)	Q801G	2312651	TR 2SC3503 C/D/E/F
Q4005	2312941M	TR 2SC3413BC/1740S-QRTA	Q801R	2312651	TR 2SC3503 C/D/E/F
Q4006	2327753	TR 2SA1390 (C)/(D)	Q802B	2312941M	TR 2SC3413BC/1740S-QRTA
Q4007	2312941M	TR 2SC3413BC/1740S-QRTA	Q802G	2312941M	TR 2SC3413BC/1740S-QRTA
Q4008	2312941M	TR 2SC3413BC/1740S-QRTA	Q802R	2312941M	TR 2SC3413BC/1740S-QRTA
Q4010	2312941M	TR 2SC3413BC/1740S-QRTA	Q803B	2327753	TR 2SA1390 (C)/(D)
Q4011	2312941M	TR 2SC3413BC/1740S-QRTA	Q803G	2327753	TR 2SA1390 (C)/(D)
Q4013	2312941M	TR 2SC3413BC/1740S-QRTA	Q803R	2327753	TR 2SA1390 (C)/(D)
Q4014	2312941M	TR 2SC3413BC/1740S-QRTA	Δ Q902	2390623	TRANSISTOR 2SK1181(LF714A)
Q4017	2312941M	TR 2SC3413BC/1740S-QRTA	Δ Q903	2323782	TR 03P2M
Q4018	2327783	TR 2SC3553 C/D	Q904	2321112	TR 2SA778A
Q4019	2327753	TR 2SA1390 (C)/(D)	Q905	2327753	TR 2SA1390 (C)/(D)
Q4020	2312941M	TR 2SC3413BC/1740S-QRTA	Δ Q906	2327753	TR 2SA1390 (C)/(D)
Q4021	2312941M	TR 2SC3413BC/1740S-QRTA	Δ Q907	2312941M	TR 2SC3413BC/1740S-QRTA

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
Q908	2327753	TR 2SA1390 (C)/(D)	D2111	23383211	DI 1SS270
Q909	2312941M	TR 2SC3413BC/1740S-QRTA	D3001	23383211	DI 1SS270
Δ Q910	2323782	TR 03P2M	D3002	23383211	DI 1SS270
DIODES			D3003	23383211	DI 1SS270
			D3004	23383211	DI 1SS270
D0001	23383211	DI 1SS270	D3005	23383211	DI 1SS270
D0002	23383211	DI 1SS270	D3006	23383211	DI 1SS270
D0003	23383211	DI 1SS270	D301	23383211	DI 1SS270
D0007	23383211	DI 1SS270	D3012	23383211	DI 1SS270
D0008	23383211	DI 1SS270	D3013	23383211	DI 1SS270
D0009	23383211	DI 1SS270	D302	23383211	DI 1SS270
D0017	23383211	DI 1SS270	D303	23383211	DI 1SS270
D0018	23383211	DI 1SS270	D304	23383211	DI 1SS270
D0019	23383211	DI 1SS270	D305	23383211	DI 1SS270
D0022	23383211	DI 1SS270	D306	23383211	DI 1SS270
D0023	23383211	DI 1SS270	D307	23383211	DI 1SS270
D0024	23383211	DI 1SS270	D308	23383211	DI 1SS270
D0026	23383211	DI 1SS270	D309	23383211	DI 1SS270
D0028	23383211	DI 1SS270	D310	23383211	DI 1SS270
D0031	23383211	DI 1SS270	D311	23383211	DI 1SS270
D0032	23383211	DI 1SS270	D312	23383211	DI 1SS270
D0033	23383211	DI 1SS270	D313	23383211	DI 1SS270
D0034	23383211	DI 1SS270	D316	23383211	DI 1SS270
D0035	23383211	DI 1SS270	D317	23383211	DI 1SS270
D0036	23383211	DI 1SS270	D3301	23383211	DI 1SS270
D0037	23383211	DI 1SS270	D4002	23383211	DI 1SS270
D0038	23383211	DI 1SS270	D4004	23383211	DI 1SS270
D0039	23383211	DI 1SS270	D4009	23383211	DI 1SS270
D0040	23383211	DI 1SS270	D4010	23383211	DI 1SS270
D0041	23383211	DI 1SS270	D4011	23383211	DI 1SS270
D1276	23383211	DI 1SS270	D4012	23383211	DI 1SS270
D1301	23394911	DIAM01Z	D4013	23383211	DI 1SS270
D1401	2339691	LED SLH-56VC77F	D4014	23383211	DI 1SS270
D2001	23383211	DI 1SS270	D4015	23394911	DIAM01Z
D2002	23383211	DI 1SS270	D4401	23383211	DI 1SS270
D2003	23383211	DI 1SS270	D4402	23383211	DI 1SS270
D2004	23383211	DI 1SS270	D4403	23383211	DI 1SS270
D2005	23383211	DI 1SS270	D4404	23383211	DI 1SS270
D2006	23383211	DI 1SS270	D4405	23383211	DI 1SS270
D2007	23383211	DI 1SS270	D4601	23383211	DI 1SS270
D2008	23383211	DI 1SS270	D4602	23383211	DI 1SS270
D2009	23383211	DI 1SS270	D4603	23383211	DI 1SS270
D2010	23383211	DI 1SS270	D4604	23383211	DI 1SS270
D2011	23383211	DI 1SS270	D4605	23383211	DI 1SS270
D2012	23383211	DI 1SS270	D4606	23383211	DI 1SS270
D2013	23383211	DI 1SS270	D501	23383211	DI 1SS270
D2014	23383211	DI 1SS270	D502	23383211	DI 1SS270
D2101	23383211	DI 1SS270	D503	23383211	DI 1SS270
D2102	23383211	DI 1SS270	D507	23383211	DI 1SS270
D2103	23383211	DI 1SS270	D508	23383211	DI 1SS270
D2104	23383211	DI 1SS270	D651	2338902	DI DFM1SA4
D2105	23383211	DI 1SS270	D652	2338902	DI DFM1SA4
D2107	23383211	DI 1SS270	D653	23394911	DIAM01Z
D2108	23383211	DI 1SS270	D654	23394911	DIAM01Z
D2109	23383211	DI 1SS270	D655	23383211	DI 1SS270

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
D657	23383211	DI 1SS270	ZD0021	2339839	ZD HZ5C3
D658	23394911	DI AM01Z	ZD1226	2334324	ZD RD36EB3
D659	23383211	DI 1SS270	ZD1227	2334324	ZD RD36EB3
D660	23394911	DI AM01Z	ZD1301	2334324	ZD RD36EB3
D7001	23383211	DI 1SS270	ZD1302	2334324	ZD RD36EB3
D7002	23383211	DI 1SS270	ZD1311	2334324	ZD RD36EB3
D7003	23383211	DI 1SS270	ZD1312	2334324	ZD RD36EB3
D7004	23383211	DI 1SS270	ZD1326	2334324	ZD RD36EB3
Δ D701	2330564	DI V11N SI	ZD1327	2334324	ZD RD36EB3
Δ D702	2338902	DI DFM1SA4	ZD1336	2334324	ZD RD36EB3
Δ D703	2330564	DI V11N SI	ZD1337	2334324	ZD RD36EB3
D705	2338902	DI DFM1SA4	ZD1351	2334324	ZD RD36EB3
Δ D706	2348511	DIODE RS3F5	ZD1352	2334324	ZD RD36EB3
D707	2339531	DI RG4A	ZD1361	2334324	ZD RD36EB3
D709	23383211	DI 1SS270	ZD1362	2334324	ZD RD36EB3
D710	2334581	DI ES1A SI	ZD1401	2339839	ZD HZ5C3
Δ D711	2330564	DI V11N SI	ZD2101	2334285	DIODE-ZENER RD24EB4
D728	23383211	DI 1SS270	ZD2102	2334285	DIODE-ZENER RD24EB4
D781	23383211	DI 1SS270	ZD2103	2334285	DIODE-ZENER RD24EB4
D801B	23383211	DI 1SS270	ZD2104	2334285	DIODE-ZENER RD24EB4
D801G	23383211	DI 1SS270	ZD2105	2334285	DIODE-ZENER RD24EB4
D801R	23383211	DI 1SS270	ZD2106	2334285	DIODE-ZENER RD24EB4
Δ D901	2342061	DI D3SB(A)60	ZD2107	2334285	DIODE-ZENER RD24EB4
D901S	23394911	DI AM01Z	ZD2108	2334285	DIODE-ZENER RD24EB4
D902	23394911	DI AM01Z	ZD2109	2334285	DIODE-ZENER RD24EB4
D903	23394911	DI AM01Z	ZD2110	2334285	DIODE-ZENER RD24EB4
D906	2398611	DI 1SS254	ZD3001	2339868M	ZD HZ59C2TA
D907	2338532	DI EG-01A	ZD3002	2339868M	ZD HZ59C2TA
D908	23394811	DI AS01Z	ZD3003	2339868M	ZD HZ59C2TA
Δ D909	2338944	DI FML-G12S(F)	ZD301	2331781	ZD HZ4 (A1)
Δ D910	2338932	DI FMG-G36S	ZD302	2339868M	ZD HZ59C2TA
D911	23383211	DI 1SS270	ZD303	2339868M	ZD HZ59C2TA
Δ D925	2338944	DI FML-G12S(F)	ZD304	2339868M	ZD HZ59C2TA
Δ D926	2338944	DI FML-G12S(F)	ZD305	2339868M	ZD HZ59C2TA
Δ D927	2338944	DI FML-G12S(F)	ZD306	2339868M	ZD HZ59C2TA
Δ D928	2338944	DI FML-G12S(F)	ZD307	2339868M	ZD HZ59C2TA
D929	23383211	DI 1SS270	ZD308	2339211	ZD HZ524-1L
D930	23383211	DI 1SS270	ZD309	2339868M	ZD HZ59C2TA
D931	23394911	DI AM01Z	ZD312	2339831M	DIODE-ZENER HZ55A1-M
D932	23394911	DI AM01Z	ZD313	2331849	ZD HZ-12(C3)
D937	23394911	DI AM01Z	ZD314	2339231	ZD HZ530-1L
D938	23394911	DI AM01Z	ZD315	2331849	ZD HZ-12(C3)
D939	23383211	DI 1SS270	ZD3301	2331849	ZD HZ-12(C3)
ZD0001	2331785	DIODE-ZENER HZ4(B2)	ZD3302	2331799	ZD HZ5(C)3 SI
ZD0002	2331849	ZD HZ-12(C3)	ZD3303	2331799	ZD HZ5(C)3 SI
ZD0003	2331845	ZD HZ12 (B2)	ZD3304	2331799	ZD HZ5(C)3 SI
ZD0004	2331804	ZD HZ6 (B1)	ZD3305	2331799	ZD HZ5(C)3 SI
ZD0005	2331804	ZD HZ6 (B1)	ZD3306	2331799	ZD HZ5(C)3 SI
ZD0006	2331833	ZD HZ11(A)3 SI	ZD4001	2331833	ZD HZ11(A)3 SI
ZD0007	2339242	ZD HZ533-2L	ZD4002	2334283	ZD RD24EB2
ZD0014	2331819	ZD HZ7(C)3 SI	ZD4003	2331849	ZD HZ-12(C3)
ZD0015	2331799	ZD HZ5(C)3 SI	ZD4004	2331849	ZD HZ-12(C3)
ZD0018	2331799	ZD HZ5(C)3 SI	ZD4005	2331849	ZD HZ-12(C3)
ZD0019	2331804	ZD HZ6 (B1)	ZD4006	2331849	ZD HZ-12(C3)
ZD0020	2339825	ZD HZ54B2	ZD4007	2331849	ZD HZ-12(C3)

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
ZD4008	2331849	ZD HZ-12(C3)	CP0004	2791754	DSS306-55B101M
ZD4009	2331849	ZD HZ-12(C3)	CP1401	2574761	REMOTE CONTROL RECEIVER SPS-409-1G
ZD4010	2331831	ZD HZ-11 (A1)			
ZD4012	2331833	ZD HZ11(A)3 SI	Δ CP702	0150665	FOCUS PACK MHF174-03H
ZD4401	2339833M	DIODE-ZENER HZS5A3	Δ CP901	2793312	CAPRISTOR
ZD4404	2330631	ZD HZ7(A) SI	Δ CP903	2793312	CAPRISTOR
ZD4601	2331795	ZD HZ-5 (B2)	MF0001	2163972	CERAMIC FILTER 6MHZ
ZD501	2331828M	ZD HZ-9C2 TA	MF301	2163971	CERAMIC FILTER
ZD502	2331828M	ZD HZ-9C2 TA	MF7001	2786683	CERAMIC OSCILLATOR
ZD503	2331828M	ZD HZ-9C2 TA	M301	2375233	CHIP BOARD HC3023
ZD601	2331828M	ZD HZ-9C2 TA	M302	2375251	CHIP BOARD HC3031
ZD602	2334323M	DIODE-ZENER RD36EB2	M4001	2378211	MODULE MC-7001(B)
ZD603	2331828M	ZD HZ-9C2 TA			
ZD651	2331807	ZD HZ-6 (C1)			COILS
ZD652	2331154	ZD HZ12 (A1-3/B1-3/C1-3)			
ZD653	2334305	ZD RD30E (B4)	L0001	2120482	FILTER COIL 100 MICRO H + -10%
ZD7001	2331828M	ZD HZ-9C2 TA	L0002	2120482	FILTER COIL 100 MICRO H + -10%
ZD7002	2339846M	ZD HZS6B3TA	L0003	2120482	FILTER COIL 100 MICRO H + -10%
ZD7003	2339825	ZD HZS4B2	L0004	2120482	FILTER COIL 100 MICRO H + -10%
ZD7004	2331849	ZD HZ-12(C3)	L0005	2122253	LA AXIAL COIL 100 MICRO H
ZD7005	2331828M	ZD HZ-9C2 TA	L1291	2272753	FOCUS CHOKE COIL
ZD709	2339801	ZD HZS2B1	L2101	2120484	FILTER COIL
Δ ZD710	2335461	ZD HZ24 (2L)	L2102	2120484	FILTER COIL
ZD712	2334334	ZD RD39EB3	L2103	2120484	FILTER COIL
ZD801B	2331827	ZD HZ-9 (C1)	L2104	2120484	FILTER COIL
ZD801G	2331827	ZD HZ-9 (C1)	L3002	2120482	FILTER COIL 100 MICRO H + -10%
ZD801R	2331827	ZD HZ-9 (C1)	L3004	2122951	LA AXIAL COIL 39 MICRO H + -10%
ZD901	2339031	ZD HZS6C1L	L3005	2120482	FILTER COIL 100 MICRO H + -10%
ZD903	2334324	ZD RD36EB3	L3006	2120482	FILTER COIL 100 MICRO H + -10%
ZD904	2343111	DIODE-ZENER HZ16-1L	L3007	2120482	FILTER COIL 100 MICRO H + -10%
ZD906	2339031	ZD HZS6C1L	L3008	2120482	FILTER COIL 100 MICRO H + -10%
ZD913	2334283	ZD RD24EB2	L301	2120482	FILTER COIL 100 MICRO H + -10%
ZD916	2339231	ZD HZS30-1L	L3011	2120482	FILTER COIL 100 MICRO H + -10%
		TRANSFORMERS	L3012	2120482	FILTER COIL 100 MICRO H + -10%
Δ T701	2260291	HORIZONTAL DRIVE TRANSFORMER	L302	2120482	FILTER COIL 100 MICRO H + -10%
Δ T702	2436492	FLYBACK TRANSFORMER	L303	2122942	LA AXIAL COIL 8.2 MICRO H + -10%
Δ T703	2272762	SPC TRANSFORMER	L304	2122956	LA AXIAL COIL 100 MICRO H + -10%
Δ T901	2213993	POWER TRANSFORMER	L3301	2120482	FILTER COIL 100 MICRO H + -10%
Δ T902	2215592	SWITCHING TRANSFORMER	L3302	2120482	FILTER COIL 100 MICRO H + -10%
Δ T903	2215861	POWER TRANSFORMER	L3303	2120482	FILTER COIL 100 MICRO H + -10%
		FUSES	L3304	2120482	FILTER COIL 100 MICRO H + -10%
Δ F901	2721053	UL FUSE 5A	L3305	2120482	FILTER COIL 100 MICRO H + -10%
Δ F903	2721052	UL FUSE 4A	L501	2122951	LA AXIAL COIL 39 MICRO H + -10%
Δ F904	2721052	UL FUSE 4A	L651	2120482	FILTER COIL 100 MICRO H + -10%
Δ F905	2721051	UL FUSE 1.6A	L701	2121181	FILTER COIL
		COMPOUND COMPONENTS	L703	2124181	CHOKE COIL
CP0001	2791754	DSS306-55B101M	L706	2124511	LINEARITY COIL
CP0002	2791754	DSS306-55B101M	L707	2122095	FILTER COIL 27 MICRO H
CP0003	2791754	DSS306-55B101M	L708	2120482	FILTER COIL 100 MICRO H + -10%
			L709	2122094	FIXED COIL
			L711	2123469M	FERRITE BEADS CORE READ 2.3
			L802B	2122255	LA AXIAL COIL 150 MICRO H
			L802G	2122255	LA AXIAL COIL 150 MICRO H
			L802R	2122255	LA AXIAL COIL 150 MICRO H
			Δ L901	2229052	LINE FILTER 3.5A

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SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
$\perp$ L902	2229052	LINE FILTER 3.5A	11	8781440	3X10 TAPPING SCREW
$\perp$ L903	2274556	FILTER COIL	12	4518772	3X12 TNE
$\perp$ L904	2229052	LINE FILTER 3.5A	13	3716742	PLASTIC HOLDER
$\perp$ L905	2229052	LINE FILTER 3.5A	14	3746482	WIRE CLAMP
L906	2123469M	FERRITE BEADS CORE READ 2.3	15	4520771	4X18 TAPPING SCREW WITH WASHER
L907	2122653	FERRITE BEADS CORE	16	4520883	M3X12 SCREW WITH WASHER
L908	2123469M	FERRITE BEADS CORE READ 2.3	17	4482582	BACK COVER SUPPORT METAL
L909	2122653	FERRITE BEADS CORE	18	3209494	TERMINAL BOARD ASS'Y
L910	2122653	FERRITE BEADS CORE	19	3853201	SUPPORT METAL COVER
L911	2123469M	FERRITE BEADS CORE READ 2.3	20	4137975	4X16 ZA R SCREW
L915	2123469M	FERRITE BEADS CORE READ 2.3	21	3122983	CABINET ASS'Y (HHEA MD)
L916	2122653	FERRITE BEADS CORE			[for 50UX10B]
L918	2122653	FERRITE BEADS CORE	21	3142511	CABINET ASS'Y (HHEA MD)
L919	2122653	FERRITE BEADS CORE			[for 50UX11K]
L920	2121676	FIXED COIL		3742021	LEAD HOLDER(CABINET)
L922	2161152	FILTER COIL		4526351	SPACER
L929	2121674	LINE FILTER COIL	22	4329271	WASHER (F)
L952	2161152	FILTER COIL	23	3191461	50 FRONT SURF MIRROR
L953	2161152	FILTER COIL	24	4522901	NUT
L954	2161152	FILTER COIL	25	3850471	SCREEN FRAME (H)
L955	2161152	FILTER COIL	26	3850472	SCREEN FRAME (V)
L969	2123469M	FERRITE BEADS CORE READ 2.3	27	4519503	3X12 TAPPING SCREW
L970	2123469M	FERRITE BEADS CORE READ 2.3	28	4520232	4X16 DT SCREW
L971	2123469M	FERRITE BEADS CORE READ 2.3	29	4618172	RUBBER SPACER
L972	2123469M	FERRITE BEADS CORE READ 2.3	30	4524912	HEXAGON FLANGEHEAD 4X16
L973	2123469M	FERRITE BEADS CORE READ 2.3	31	3447251	UNIT METAL COVER (A)
L974	2123469M	FERRITE BEADS CORE READ 2.3	32	3447252	UNIT METAL COVER (B)
L975	2123469M	FERRITE BEADS CORE READ 2.3	33	4519512	TAPPING SCREW 4X16 MM
L981	2122956	LA AXIAL COIL 100 MICRO H $\pm$ -10%	34	3169601	REAR BOARD (HHEA MD)
L982	2122956	LA AXIAL COIL 100 MICRO H $\pm$ -10%	35	4304282	COVER NET
L983	2123469M	FERRITE BEADS CORE READ 2.3	36	4517997	4X12 SELF TAPPING SCREW
L984	2161152	FILTER COIL	37	3727972	HOLDER-AC LINE CORD
			38	3189413	SCREEN ASS'Y (HHEA MD)
		SWITCHES	39	3104491	FRAME ASS'Y (HHEA MD)
S1401	2631863	PUSH SWITCH	$\perp$ 40	4866386	LENS CRT BLOCK ASS'Y B (HHEA MD)
S1402	2983111	3PJACK WITH S TERMINAL	$\perp$ 41	4866385	LENS CRT BLOCK ASS'Y G (HHEA MD)
S2001	2621031	SLIDE SWITCH	$\perp$ 42	4866384	LENS CRT BLOCK ASS'Y R (HHEA MD)
S301	2621051	SLIDE SWITCH		2720221	FUSE HOLDER
				3763752	SK BINDER
		MISCELLANEOUS		4520885	M3X16 SCREW
				4520881	M3X8 SCREW WITH WASHER
			$\perp$	2784342	CONDENSER COVER
1	3209672	CONTROL PANEL ASS'Y		4770601	3 FLANGE NUT
	3785043	PUSH LOCK A		3731081	PURSE LOCK 10
	3811195	POWER KNOB		3737101	PURSE LOCK 15
	3332453	SPRING FOR KNOB		2940781	FERRITE CLUMP
2	3821102	DOOR ASS'Y		4159425	3X16 TAPPING SCREW
3	3462207	BACK COVER (HHEA MD)		4526322	M8X10 SCREW
4	4336491	CASTER METAL		4524913	HEXAGON FLANGEHEAD 4X12 R
5	3700971	LEAD CLAMP	$\perp$	3708416	LENS SASS SP B
6	3811971	BACK COVER DOOR	$\perp$	3708415	LENS SASS SP RG2
7	4305083	LENS-CRT UNIT METAL SUPPORT		4526102	4X18 SCREW
8	4305082	LENS-CRT UNIT METAL SUPPORT R		4526101	4X12 SCREW
9	4524911	HEXAGON FLANGEHEAD 4X12		4518253	3X10 TAPPING SCREW FOR PLASTIC
10	4159427	3X10 TAPPING SCREW WITH WASHER		3332021	EARTH SPRING

PRODUCT SAFETY NOTE: Components marked with a Δ have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

SYSMBOL NO.	PART NO.	DESCRIPTION	SYSMBOL NO.	PART NO.	DESCRIPTION
	4159411	3X8 KNUURL TAPPING SCREW	Δ SP401	2412921	SPEAKER 160MM
	8815124	WASHER, LOCK 3MM	Δ SP402	2412921	SPEAKER 160MM
	3763751	SK BINDER	Δ SP403	2414941	SPEAKER (HHEA MD)
	8821114	NUT 3	Δ SP404	2414941	SPEAKER (HHEA MD)
DL3001	2165801	DELAY LNE SDL4242	TH2101	2340552	THERMISTOR
E	2771894	FERRITE BEADS CORE 006	PDA	2661941	L TYPE PLUG WITH BASE2P
Δ EANT	2427365	ANTENNA SWITCH ASS'Y ASB-311E-	PPD	2663134	PLUG PIN WITH BASE (5P)
EB	2771892	FERRITE BEADS CORE 004	PP31	2661751	PLUG PIN WITH BASE
EC	2771893	FERRITE BEADS CORE	W811B	2692461	FOCUS LEAD WIRE (HHEA MD)
ECB	2661753	PIN PLUG WITH BASE	W811G	2692461	FOCUS LEAD WIRE (HHEA MD)
ECD	2902263	4P SUB MINI PLUG PIN	W811R	2692461	FOCUS LEAD WIRE (HHEA MD)
ECG	2661753	PIN PLUG WITH BASE	X501	2791501	CRYSTAL HC-49/U
ECR	2661753	PIN PLUG WITH BASE			
ED	2661753	PIN PLUG WITH BASE			
ED	2771893	FERRITE BEADS CORE			
EDA	2661751	PLUG PIN WITH BASE			
EFO	2661753	PIN PLUG WITH BASE			
EIE	2663821	2P PLUG PIN			
EJ1G	2663821	2P PLUG PIN			
EMB	2665272	4P PLUG PIN WITH BASE			
EMG	2665272	4P PLUG PIN WITH BASE			
EMR	2665272	4P PLUG PIN WITH BASE			
ESL	2661944	CONNECTOR			
ETS	2663821	2P PLUG PIN			
E1	2983082	OP PIN JACK WITH S TERMINAL			
Δ E101	2444871	DEFLECTION YOKE (HHEA MD)			
Δ E101G	2444872	DEFLECTION YOKE (HHEA MD)			
E103G	3810831	MAGNET SPACER			
E104	2774965	BEAM ALINEMENT MAGNET (HHEA MD)			
E104G	2774962	BEAM ALINEMENT MAGNET			
Δ E105G	2774976	FOCUS MAGNET (HHEA MD)			
E2	2983388	9P PINJACK WITH SWITCH			
E202	2982471	300-75 VHF ADAPTER			
E3	2983082	OP PIN JACK WITH S TERMINAL			
E301	2573416	REMOTE CONTROL TRANSMITTER CLU-950GR2 (HHEA MD)			
E302	2573622	REMOTE CONTROL TRANSMITTER CLU-609 (HHEA MD)			
E4	2983387	5P PIN JACK			
E4801	2983011	4P PUSH TERMINAL			
Δ E801B	2953344	CPT SOCKET			
Δ E801G	2953344	CPT SOCKET			
Δ E801R	2953344	CPT SOCKET			
E802	2661756	1P PLUG PIN WITH BASE			
Δ E9001	2972522	POWER SUPPLY CORD			
Δ E9002	3772201	AC CORD HOLDER			
Δ E9003	3739671	CORD HOLDER			
Δ FE0001	2429341	FRONTEND V8-A58FT			
Δ RL901	2640574	RELAY			
SG801B	2340039	SPARK GAP			
SG801G	2340039	SPARK GAP			
SG801R	2340039	SPARK GAP			
SG802B	2340039	SPARK GAP			
SG802G	2340039	SPARK GAP			
SG802R	2340039	SPARK GAP			

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