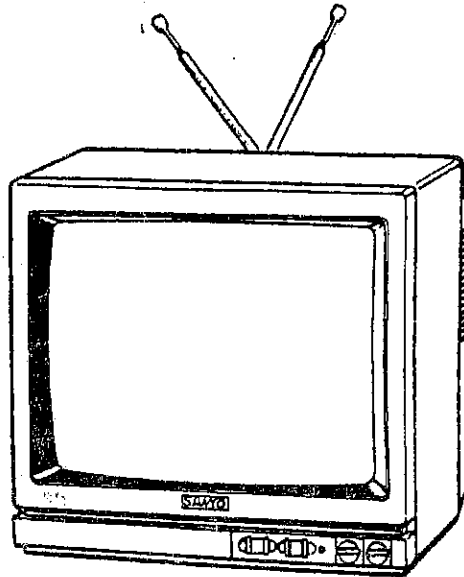


SANYO

SERVICE MANUAL Colour Television

MODEL NO. CPP3002
CPP6002
(Australia)

Service Ref.No. CPP3002-00
CPP6002-00



Specifications

Power source.....AC 240 V / 50Hz
Television System.....B/G
Colour Reception System..PAL
Channel Coverage..... VHF:0-11,5A
 UHF:28-69
Video IF.....36.875 MHz
Sound IF.....31.375 MHZ
Aerial Input Impedance.....75 Ω
Picture Tube.....37cm(CPP3002)- Diagonal
 51cm(CPP6002)- Diagonal
Sound Output.....1.5W (CPP3002)/3.0W(CPP6002)
Dimensions.....362(W)X325(H)X377(D)mm- (CPP3002)
 496(W)X444(H)X469(D)mm- (CPP6002)
Weight.....10 Kg(CPP3002)
 18Kg(CPP6002)

Product code
113 02103(CPP3002)
113 02903(CPP6002)

Original Version
Chassis Series : A3-A 14/20

Give complete "SERVICE REF.No." for parts order or servicing. It is shown on the rating plate at the cabinet back of the unit.

This T.V. receiver will not work properly in foreign countries where the television transmission system and power source differ from the design specifications. Refer to the specifications for the design specifications..

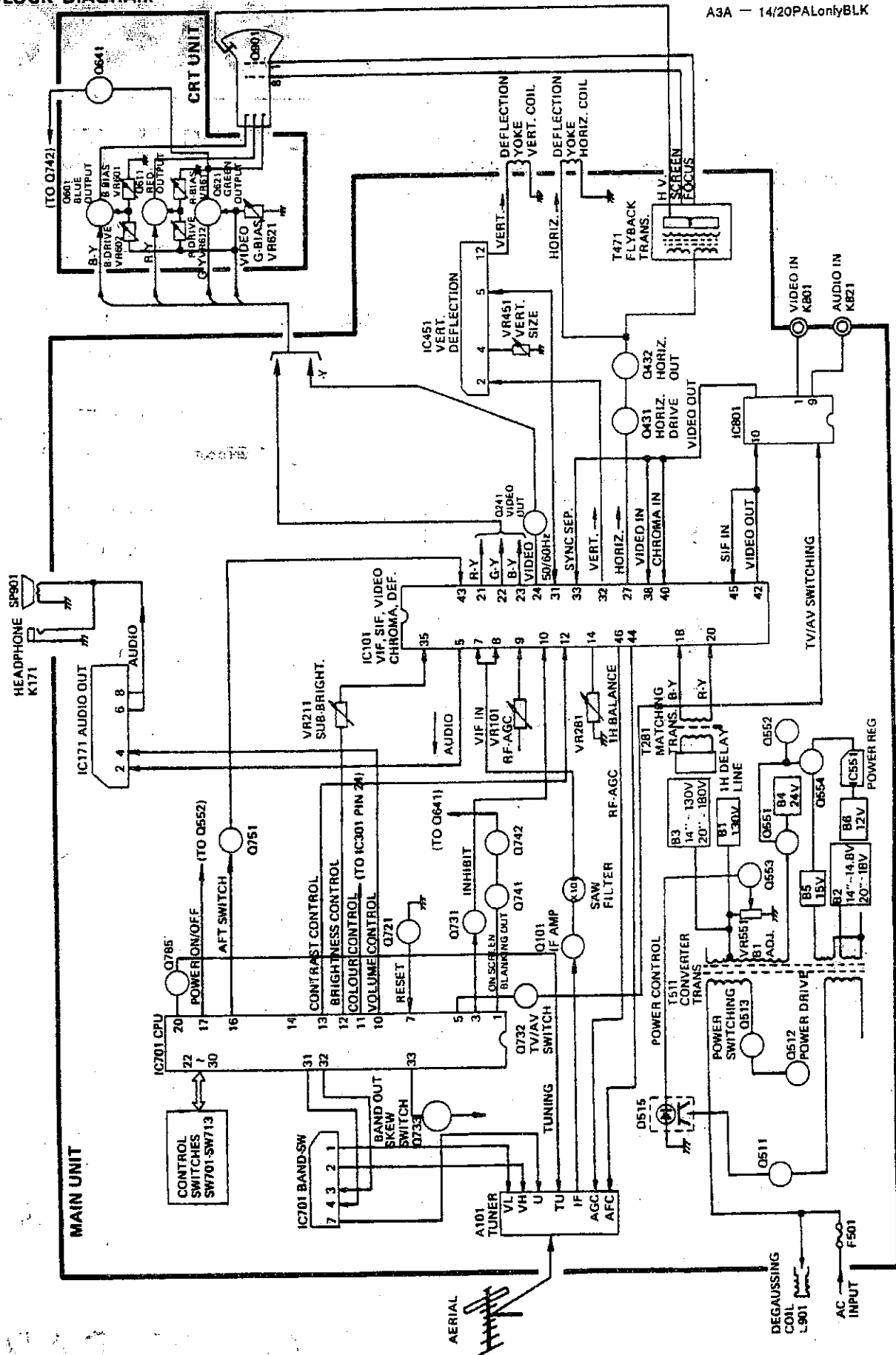
* Specifications subject to change without notice.

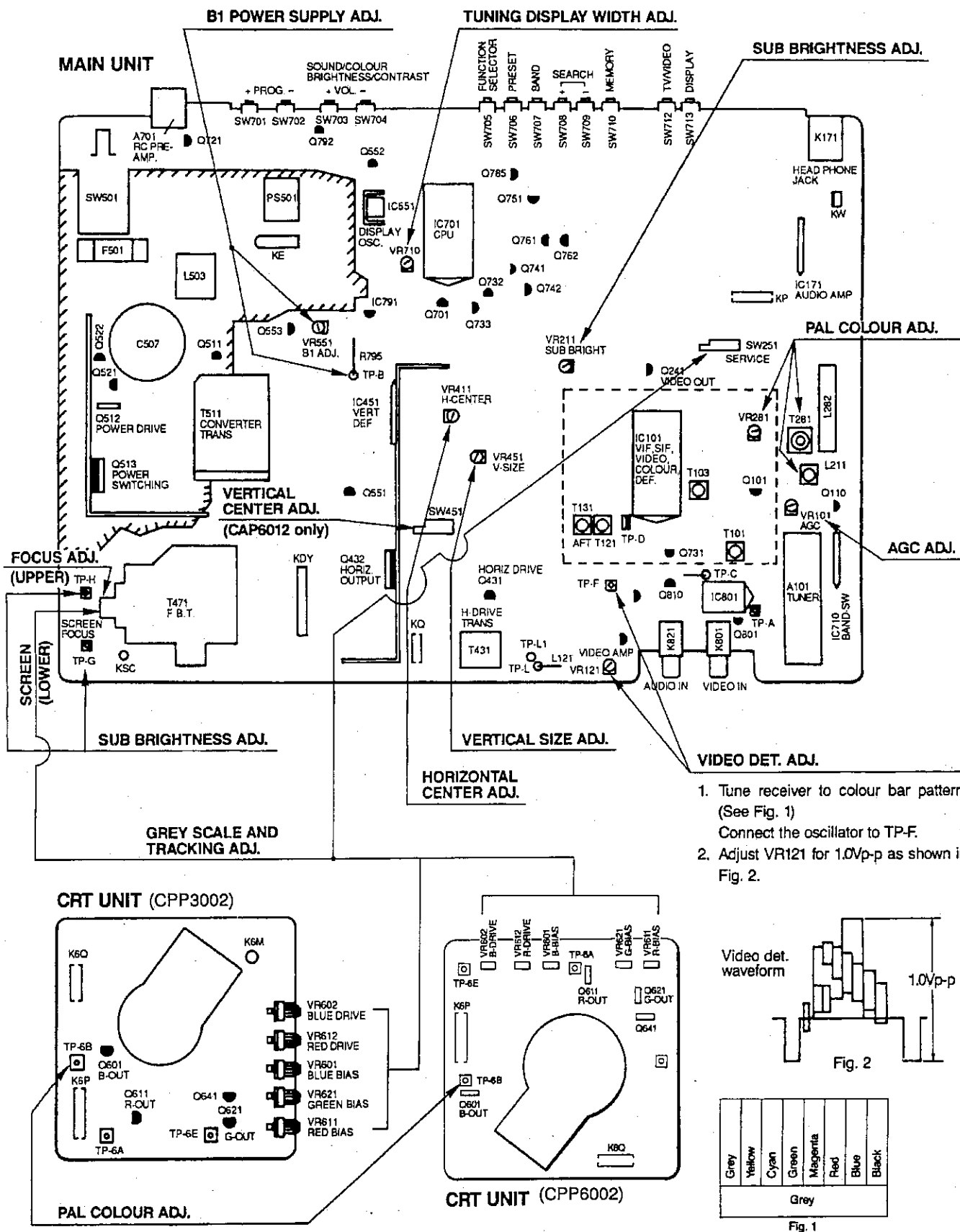
E2HD/E2KD

SPARE PARTS

Reference No.WM-520098

NO REMOTE CONTROL.





SAFETY PRECAUTIONS : An isolation transformer should be connected in the power line between the receiver and the AC line before any service is performed on the receiver.

X- RADIATION PRECAUTION The primary source of X- RADIATION in television receiver is the picture tube. The picture tube is specially constructed to limit X- RADIATION emission. For continued X- RADIATION protection, the replacement tube must be the same type as the original including suffix letter. Excessive high voltage may produce potentially hazardous X- RADIATION. To avoid such hazards, the high voltage must be maintain within specified limit. Refere to this service manual for specific high voltage limits. If high voltage exceeds specified limits, take necessary corrective action. Carefully follow the instructions for + B1 volt power supply adjustment, and high voltage check to maintain the high voltage within the specified limits.

AGC ADJUSTMENT

NOTE: Do not attempt this adjustment with weak signal.

1. Tune receiver to most clearest (or strongest) VHF station in your area. Set brightness and contrast controls to maximum. Set colour control to minimum.
2. Set the AGC (VR101) control to mid-range.
3. Turn AGC control in direction which causes snow to appear, then in the opposite direction until the snow just disappears.

SUB BRIGHTNESS ADJUSTMENT

1. Connect a DC meter between "TP-H" (positive lead) and "TP-G" (negative lead) on main unit.
2. Receive the circular pattern.
3. Set brightness to maximum and contrast to minimum.
4. Adjust sub brightness control (VR211) for 0.2V (CPP3002).
0.3V (CPP6002)

NOTE: If picture tube replaced, check sub-brightness adjustment.

VERTICAL SIZE ADJUSTMENT

1. Tune the receiver to monochrome circular pattern.
2. Adjust vertical size (VR451) control for full scan.

HORIZONTAL CENTER ADJUSTMENT

1. Tune the receiver to monochrome circular pattern.
2. Set the brightness and contrast to maximum.
3. Adjust video phase (VR411) for optimum horizontal center position.

B1 POWER SUPPLY ADJUSTMENT

1. Connect DC meter to "TP-B" and ground.
Set the + B1 adjustment control (VR551) to mid-range.
2. Set brightness and contrast to minimum.
Tune the receiver to an active channel and synchronize picture.

3. Adjust + B1 adjustment control for 130 ± 1.0 volt DC.

TUNING DISPLAY WIDTH ADJUSTMENT

1. Tune the receiver to monochrome circular pattern.
2. Set the preset switch (SW706) to on.
Tuning bar is displayed on screen.
3. Adjust VR710 for optimum tuning bar width.
Set the preset switch to off.

GREY SCALE AND TRACKING ADJUSTMENT

1. Tune the receiver to the monochrome circular pattern.
2. Set the brightness and the contrast to maximum, the colour to minimum.
3. Set the service switch (SW251) at the service side.
4. Set the drive volume (VR602 and VR612) at their mechanical center.
5. Set the bias volume (VR601, VR621 and VR611) to minimum. (fully counter clockwise).
6. Turn the screen volume to obtain just visible one coloured line.

7. Adjust each bias volume (VR601-blue, VR621- green and VR611-red) alternately until a dim white line produced.

8. Set the service switch (SW251) at the normal side.

9. Adjust the drive volume (VR602-blue and VR612-red) alternately to produce normal black and white picture.

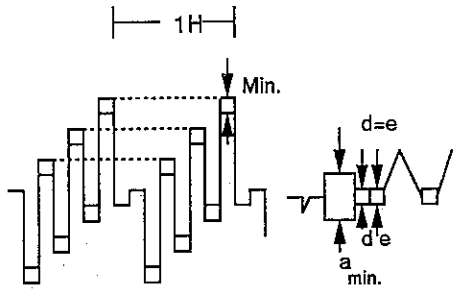
10. Check for proper grey scale tracking at all brightness levels.

NOTE : If grey scale adjustment is made after picture tube replacement, check high voltage and sub-brightness adjustment.

COLOUR ADJUSTMENT (PAL)

Receive colour bar pattern.

Set controls: brightness.....maximum
colour.....maximum
contrast.....maximum

| ADJUST | | REMARKS |
|--|-------------|---|
| Connect the oscilloscope to TP6B on CRT unit | | |
| 1 | VR281, T281 | Adjust VR281, T281 to obtain each 1H waveform (amplitude) for same as shown below.  |
| 2 | L211 | Adjust L211 to obtain proper waveform as shown above. |

FOCUS ADJUSTMENT

Adjust focus control on the left side of the chassis for well scanning lines.

HIGH VOLTAGE CHECK

1. Tune the receiver to the circular pattern.
2. Set brightness and contrast to maximum.
3. Connect a high voltage probe to anode lead of picture tube.
4. High voltage must be between 20-22KV (CPP3002)
24-26KV (CPP6002)

PURITY AND CONVERGENCE ADJUSTMENT

CAUTION ; Convergence and purity have been factory aligned. Do not attempt to tamper with these alignments. However, the effects of adjacent receiver components, or replacement of picture tube or deflection yoke may require the need to readjust purity and convergence. If adjustment is required, the adjustments should be made in the following sequence.

PURITY ADJUSTMENTS

1. Use a colour (Red, Green and Blue) pattern signal.
Receiver should be operated for at least ten minutes.
2. Place the picture tube face east or west and demagnetize the picture tube and receiver using an external degaussing coil.
3. Turn off red and blue rasters and provide only green raster on CRT screen.
4. Loosen the screw holding the deflection yoke and remove the three D.Y. wedges, and slide the deflection yoke fully forward.
5. Rotate the two purity magnet tabs (widen or narrow the mutual angle made by the two tabs) to center a vertical green stripe. (If the vertical green stripe doesn't be obtained, slide the deflection yoke backward)

NOTE: Do not move the vertical center position by adjusting purity magnet.

6. Slowly slide the deflection yoke backward (or forward) until a uniform green raster is obtained.

NOTE: Following is 20" only.

If some part of screen is contaminated with other colors (in most cases it will appear at corner of screen), put the purity correction magnet chip on back of that corner near the deflection yoke.

See Figure-A to position the purity correction magnet chip. Slide and rotate the purity correction magnet chip until pure green screen is obtained.

Use necessary chips until uniform green is obtained overall the screen. Use the tape (or adhesive) to fix the magnet on the picture tube.

7. Check the purity of the red and blue rasters for uniformity. (Turn up red raster and turn off green and blue rasters. Turn up blue raster and turn off green and red rasters). Readjust the deflection yoke position if necessary until all rasters are pure.
If part of the screen at each direction (east, west, north or south) is colored, demagnetize the receiver and the picture tube and adjust the deflection yoke position slightly front - ward or backward.
8. Tighten the mounting screw of the deflection yoke and mount D.Y.wedges.

CONVERGENCE ADJUSTMENTS

Before any convergence adjustments are made, purity must be adjusted properly. Connect cross-hatch generator to aerial socket. Loosen locking ring provided on purity and convergence magnet.

Note: When adjust the convergence magnets, do not move purity magnets.

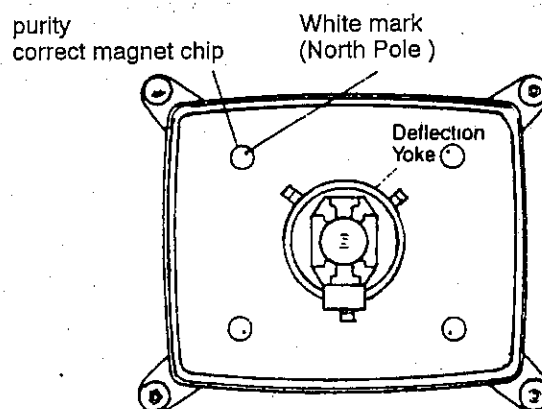
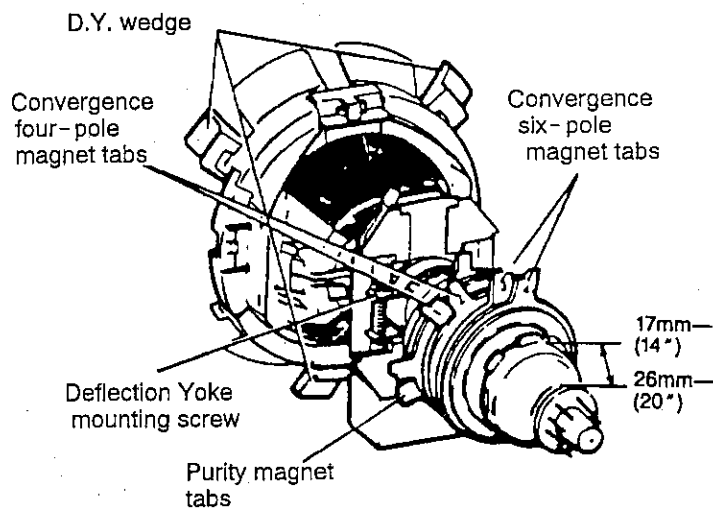
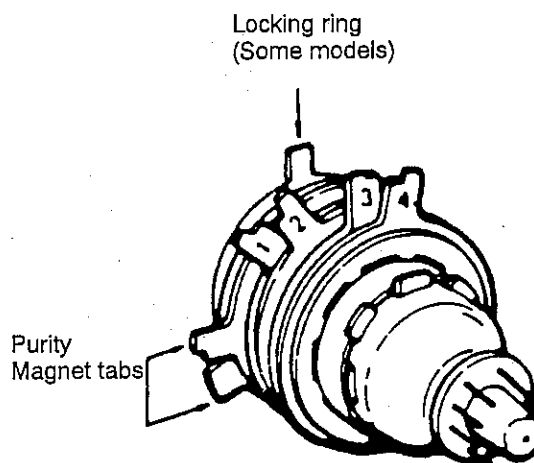


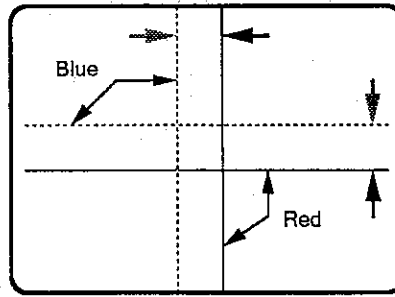
Fig.A



[Purity and convergence magnets]

CENTER CONVERGENCE

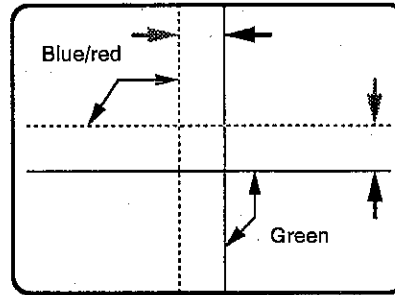
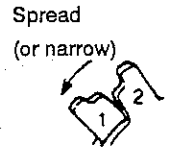
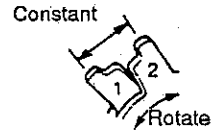
1. Turn off green raster and provide blue and red raster on CRT.
 2. To superimpose the red/blue vertical lines, spread (or narrow) the angle of magnet tab 1 and tab 2. See Fig-1.
 3. To superimpose the red/blue horizontal lines, rotate the magnet tabs 1 and 2 together (keeping the angle of magnet tabs 1 and 2). See Fig-1.
 4. Turn up green raster.
 5. To superimpose the green and magenta (blue/red) vertical lines, spread (or narrow) the angle of magnet tab 3 and tab 4. See Fig.2.
 6. To superimpose the green and magenta (blue/red) horizontal lines, rotate the magnet tabs 3 and 4 together (keeping the angle of magnet tabs 3 and 4). See Fig-2.
- Now forming white cross-hatch pattern at center of screen.
Fasten locking ring.



Spread (or narrow) tabs angle to superimpose blue and red vertical line.

Fig.1 Blue and red line movement

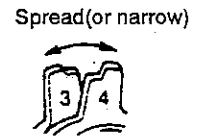
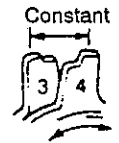
Rotate tabs together to superimpose red and blue horizontal line.



Spread (or narrow) tabs angle to superimpose red/blue and green vertical line.

Fig.2. Blue/red and green line movement.

Rotate tabs together to superimpose red/blue and green horizontal line.

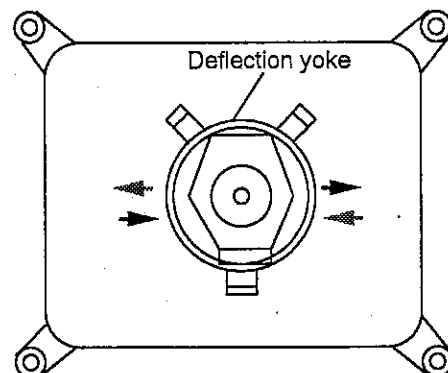
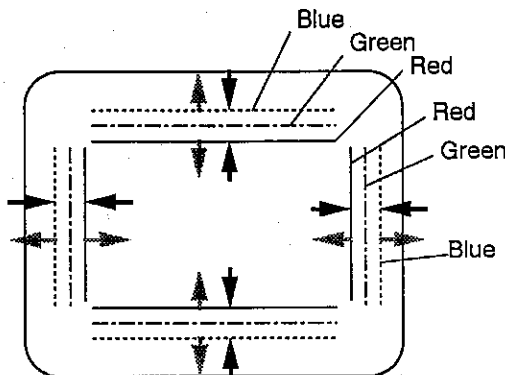
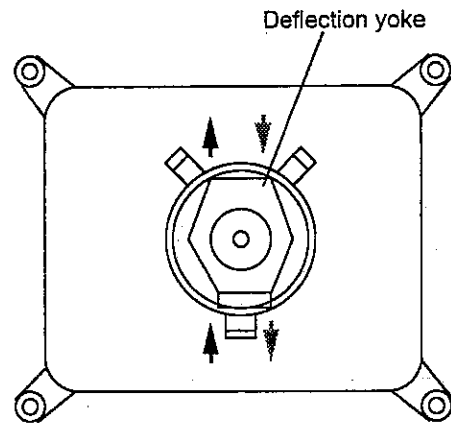
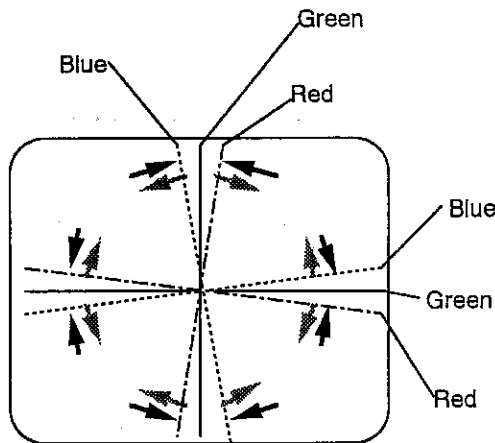


OUTER AREA CONVERGENCE

If the misconvergence on the outer area exists, adjust as follow.

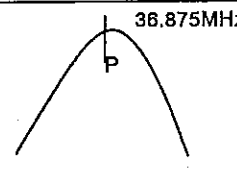
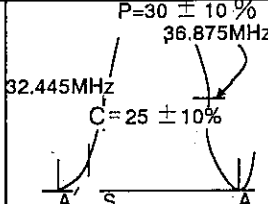
Swing the deflection yoke the direction, red/blue lines on the screen move the direction.

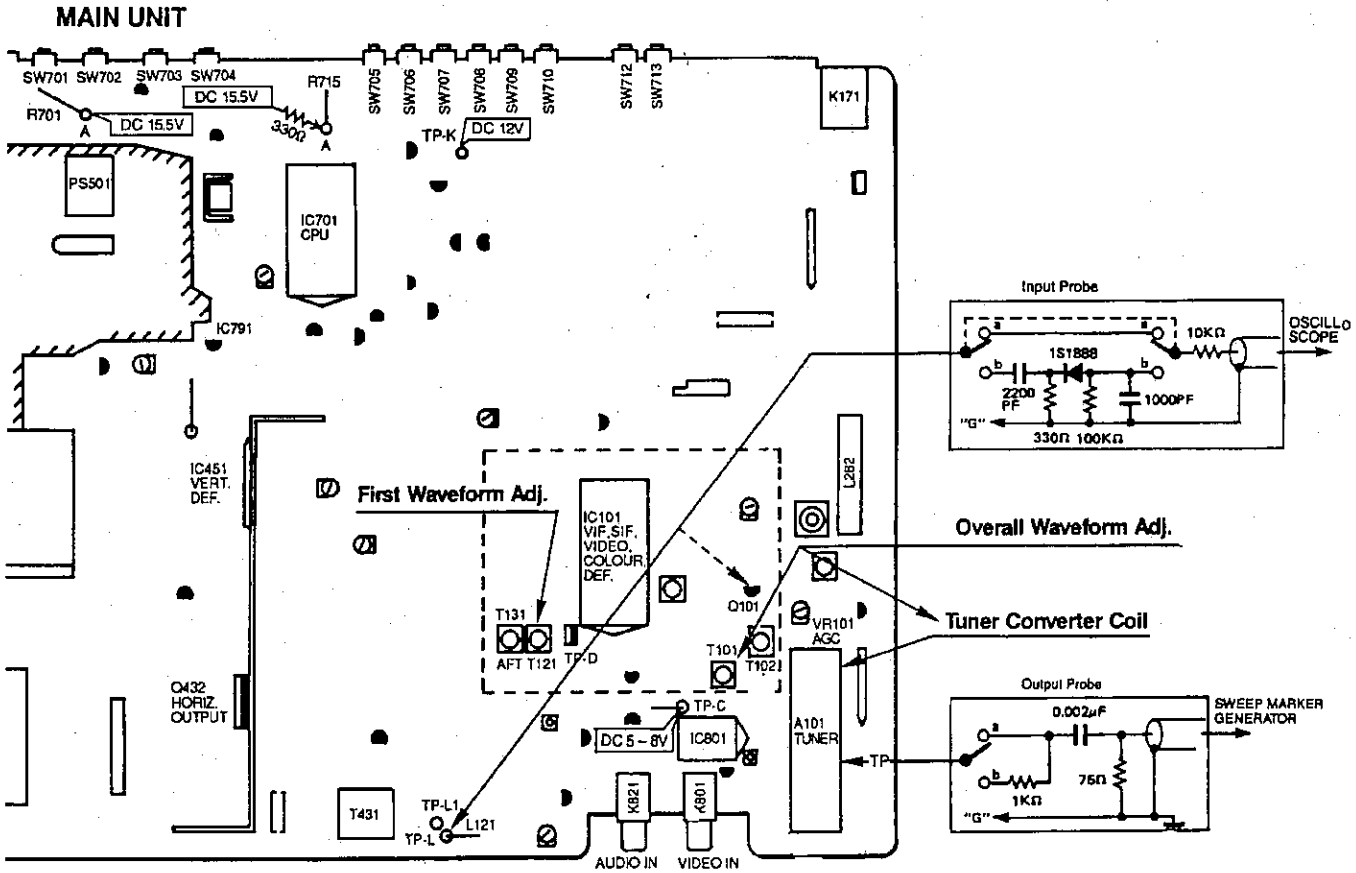
Swing the deflection yoke the direction, red/blue lines on the screen move the direction.
Fastening the deflection yoke, insert and fix the D.Y. spacer.



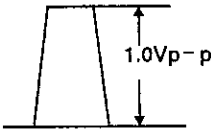
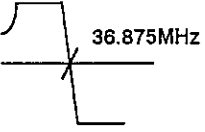
ADJUSTMENT INSTRUCTIONS

VIF Adjustment

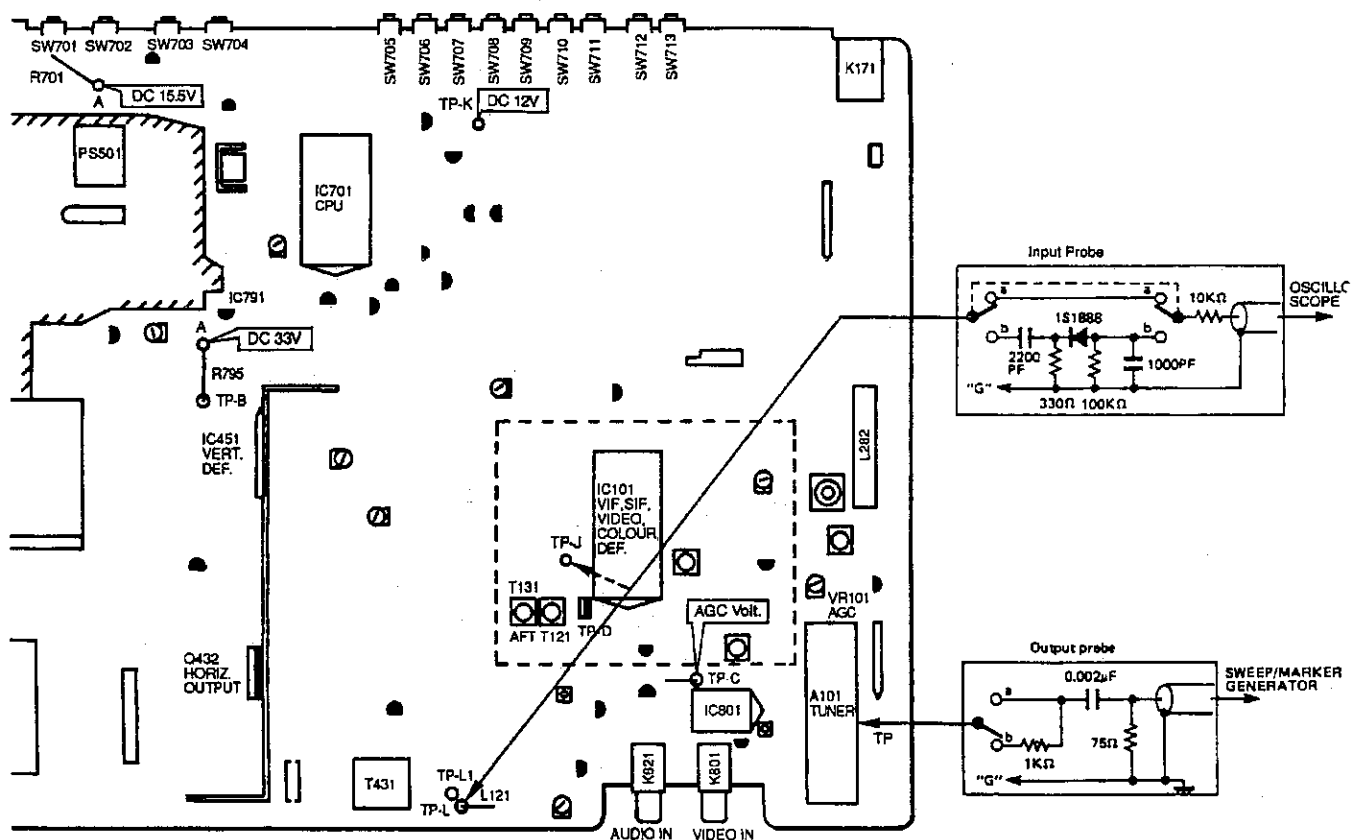
| Item | | 1st wave form | Overall waveform |
|------------------|--------------------|---|---|
| connection | DC 15.5v | R701 – A | R701 – A |
| | DC 5 – 8V | TP – C | TP – C |
| | Output probe | TU – TP | TU – TP |
| | Input probe | TP – L | TP – L |
| | DC 12V(Tuning) | TP – K | TP – K |
| | DC 15.5V | R715–A(through330 Ω) | R715–A(through 330 Ω) |
| Condition Output | Out put probe | a – side | b – side |
| | Input probe | a – side | a – side |
| | VR101 | Clockwise end | Clockwise end |
| | Oscilloscope sens. | 100mV/div. | 100mV/div. |
| | Sweep att. | 0 dB | 20dB |
| | Damping resister | Non. | 100 Ω TP–D |
| Channel band | | VHF – low | VHF–low |
| Adjustment | | Adjust T121 for 36.875MHz maximum. | Adjust Tu converter and T101, waveform : below . |
| Waveform | |  |  |



AFT ADJUSTMENT

| Item | | AGC Volt Alignment | Resonance Frequency Adj. |
|------------|---------------------|---|--|
| connection | DC 15.5v | R701 - A | R701 - A |
| | DC (AGC) | TP - C | TP - C |
| | Output probe | Tuner - TP | Tuner - TP |
| | Input probe(a side) | TP - L | TP - J |
| | DC 12V(Tuning) | TP - K | TP - K |
| | DC 33V | R795 - A | R795 - A |
| Condition | Sweep ATT | 20dB | 20dB |
| | Output probe | Side - b | Side - b |
| | Oscilloscope | 100mV/div. | 1V/div. |
| | Sen.SG. out put | Non. | 20 mV rms(Att. 20dB) |
| | Damping resistor | TP - D | Non. |
| Adjustment | | Fix the AGC voltage when the overall wave form level is adjusted at 1.0V p-p. | Keep AGC voltage which is adjusted at AGC volt - alignment , and adjust T131 for 36.875MHz marker is just on the reference line. |
| Waveform | |  |  |

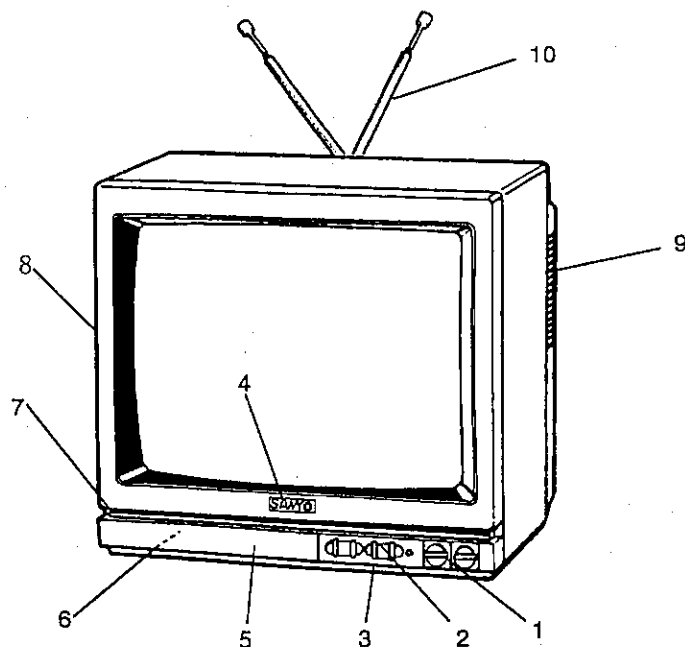
MAIN UNIT



CABINET PARTS LIST

Note: Parts order must contain Service Ref.No.,Key No.,Part No.and Description.

Model CPP3002 / CPP6002



NEW — HE CABI 4/24

| Key No. | Part No. | Description | Key No. | Part No. | Description |
|---------|--------------|--------------------------------|---------|-----------------|------------------------------|
| 1 | 610 216 7870 | Power button | 9 | 610 210 5179 | Back cover (CPP3002) |
| | 610 082 4409 | Spring(Power button) | | 610 210 3137 | Back cover (CPP6002) |
| 2 | 610 217 1051 | Touch button ass'y | | 610 222 8977 | Rating sheet (Model CPP3002) |
| 3 | 610 216 6385 | Panel decoration plate | | 610 223 6170 | Rating sheet (Model CPP6002) |
| 4 | 610 216 6330 | SANYO badge(CPP3002) | | | |
| | 610 203 2253 | SANYO badge(CPP6002) | 10 | 610 217 1006 | Telescopic aerial |
| 5 | 610 216 6378 | Door (CPP3002) | | or 610 011 6405 | Telescopic aerial |
| | 610 220 9440 | Door (CPP6002) | 11 | 610 211 9299 | Aerial matching box |
| 6 | 610 216 6606 | Control dec. sheet | | | |
| 7 | 610216 6590 | Escutchen dec. plate (CPP3002) | | | |
| | 610 217 4427 | Escutchen dec. plate (CPP6002) | | | |
| 8 | 610 216 6262 | Escutchen (CPP3002) | | | |
| | 610 219 1585 | Escutchen (CPP6002) | | | |
| | 610 098 2659 | Foot (CPP6002) | | | |

CPU REPLACEMENT : IMPORTANT NOTE

When IC701 (M34300N4-622SP) is replaced, it is necessary to make the initializing of IC701 as following procedure.

- (1) Switch off the TV set.
- (2) Replace IC701.
- (3) Switch on the TV set.
- (4) Select programme position "1" directly with the remote control transmitter.
- (5) Press and hold the SPECIAL key (of the remote control transmitter) for more than 2.5 seconds, and input SPECIAL CODE "01" using the programme selector of the remote control transmitter.
- (6) Press the MEMORY button of the TV set.

REMARKS: If there is mistaking the procedure, switch off the TV set and repeat steps (3) to (6).

The initializing is now completed.

Next, operate the pre-setting of stations to allocate the TV channels.
Refer to the instruction manual of this TV set.

TD127RA — AUS.Tu



REPAIR PARTS LIST

E2HD/KD

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A COMPONENT REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER COMPONENTS INDICATED BY A MARK Δ IN THIS PARTS LIST AND THE CIRCUIT DIAGRAM SHOW COMPONENTS WHOSE VALUE HAVE SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS SPECIFIED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENTS REPLACEMENT POINTED OUT BY THE MARK.

NOTE: PART ORDER MUST CONTAIN SERVICE REF.NO., REF.NO., PART NO. AND DESCRIPTION

| Ref. No. | Part No. | Description |
|---------------------------------------|-----------------|---------------------|
| Model CPP3002 | | |
| 610 223 3704 UE2264A Main Unit E2HC-A | | |
| TRANSISTORS | | |
| Q101 | 405 013 3305 | TR 2SC2216(SAN) |
| Q110 | 405 023 4903 | TR 2SD400-D-MP |
| | OR 405 023 5009 | TR 2SD400-E-MP |
| | OR 405 023 5306 | TR 2SD400-F-MP |
| Q124 | 406 000 6804 | TR 2SA1015-GR(SAN) |
| | OR 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |
| | OR 405 004 3109 | TR 2SA564A-Q(CU) |
| | OR 405 004 3208 | TR 2SA564A-R(CU) |
| | OR 405 004 4205 | TR 2SA608-E-CTV-NP |
| | OR 405 004 4809 | TR 2SA608-F-CTV-NP |
| | OR 405 006 1103 | TR 2SA933-Q |
| | OR 405 006 1202 | TR 2SA933-R |
| | OR 405 006 1707 | TR 2SA933S-Q |
| | OR 405 006 1806 | TR 2SA933S-R |
| Q241 | 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |
| Q431 | 405 014 2406 | TR 2SC2383-O(SAN) |
| | OR 405 014 2505 | TR 2SC2383-R(SAN) |
| Q432 | 405 022 6601 | TR 2SD1649-CTV-YB |
| Q511 | 406 000 6804 | TR 2SA1015-GR(SAN) |
| | OR 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |
| | OR 405 004 3109 | TR 2SA564A-Q(CU) |
| | OR 405 004 3208 | TR 2SA564A-R(CU) |
| | OR 405 004 4205 | TR 2SA608-E-CTV-NP |
| | OR 405 004 4809 | TR 2SA608-F-CTV-NP |
| | OR 405 006 1103 | TR 2SA933-Q |
| | OR 405 006 1202 | TR 2SA933-R |
| | OR 405 006 1707 | TR 2SA933S-Q |
| | OR 405 006 1806 | TR 2SA933S-R |
| Q512 | 405 058 0208 | TR 2SC3807-R-CTV-YA |
| Q513 | 405 022 8506 | TR 2SD1710-CTV-YB |
| Q553 | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-O |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| Q701 | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |

| Ref. No. | Part No. | Description |
|----------|-----------------|--------------------|
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-O |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| Q721 | 406 000 6804 | TR 2SA1015-GR(SAN) |
| | OR 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |
| | OR 405 004 3109 | TR 2SA564A-Q(CU) |
| | OR 405 004 3208 | TR 2SA564A-R(CU) |
| | OR 405 004 4205 | TR 2SA608-E-CTV-NP |
| | OR 405 004 4809 | TR 2SA608-F-CTV-NP |
| | OR 405 006 1103 | TR 2SA933-Q |
| | OR 405 006 1202 | TR 2SA933-R |
| | OR 405 006 1707 | TR 2SA933S-Q |
| | OR 405 006 1806 | TR 2SA933S-R |
| Q732 | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-O |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| Q733 | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-O |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| Q741 | 405 013 3305 | TR 2SC2216(SAN) |
| Q742 | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |

| Ref. No. | Part No. | Description |
|----------|-----------------|----------------|
| Q751 | OR 405 012 2101 | TR 2SC1815-0 |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| Q761 | OR 405 012 2101 | TR 2SC1815-0 |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| | 405 039 3303 | TR 2SC3114-R |
| | OR 405 039 3402 | TR 2SC3114-S |
| | OR 405 017 1901 | TR 2SC3114-T |
| | OR 405 017 2106 | TR 2SC3114-U |
| | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| Q762 | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-0 |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| Q785 | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-0 |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| Q802 | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-0 |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| Q810 | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-0 |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |

| Ref. No. | Part No. | Description |
|---------------------|-----------------|--|
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-0 |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| | | |
| | | |
| | | |
| INTEGRATED CIRCUITS | | |
| | IC101 | 409 185 0407 IC LA7680 |
| | IC171 | 409 073 1509 IC AN5265 |
| | IC451 | 409 173 2703 IC LA7837 |
| | IC551 | 409 143 3402 IC AN78M12-LB |
| | | OR 409 026 9507 IC L78M12-RA |
| | | OR 410 000 2308 IC TA78M12P(LB106) |
| | IC701 | 410 066 2106 IC M34300N4-622SP JE9 |
| | IC710 | 409 019 6209 IC LA7910 |
| | IC791 | 409 013 0104 IC HZT33 |
| | | OR 409 026 8005 IC L5630 |
| | | OR 409 057 5103 IC UPC574J |
| | IC801 | 409 020 8704 IC LC4066B |
| | | OR 409 030 5809 IC MC14066B |
| | | OR 409 207 1900 IC MLC4066B |
| | | OR 409 051 3501 IC TC4066BP |
| | | OR 409 059 2605 IC UPD4066BC |
| CAPACITORS | | |
| | C100 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C101 | 403 043 9106 ELECT 47U M 16V |
| | C102 | 403 046 9905 ELECT 4.7U M 25V |
| | C103 | 403 046 9905 ELECT 4.7U M 25V |
| | C104 | 403 046 9905 ELECT 4.7U M 25V |
| | C105 | 403 048 6308 ELECT 0.47U M 50V |
| | C106 | 403 030 5401 CERAMIC 68P J 50V |
| | C107 | 403 033 3602 CERAMIC 82P J 50V |
| | C108 | 403 030 5401 CERAMIC 68P J 50V |
| | C109 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C111 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C112 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C113 | 403 056 9506 POLYESTER 0.01U J 50V |
| | | OR 403 057 0205 POLYESTER 0.01U J 50V |
| | C114 | 403 049 9803 ELECT 2.2U M 50V |
| | C115 | 403 048 6308 ELECT 0.47U M 50V |
| | C116 | 403 059 5901 POLYESTER 0.022U K 50V |
| | | OR 403 059 6700 POLYESTER 0.022U K 50V |
| | C117 | 403 043 6006 ELECT 330U M 16V |
| | C121 | 403 028 1606 CERAMIC 56P J 50V |
| | C127 | 403 043 9106 ELECT 47U M 16V |
| | C131 | 403 009 3308 CERAMIC 100P J 50V |
| | C132 | 403 022 5907 CERAMIC 33P J 50V |
| | C133 | 403 069 0507 CERAMIC 1000P K 50V |
| | C134 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C135 | 403 062 0306 POLYESTER 0.047U K 50V |
| | | OR 403 062 1006 POLYESTER 0.047U K 50V |
| | C141 | 403 022 6300 CERAMIC 33P J 50V |
| | C144 | 403 017 7602 CERAMIC 22P J 50V |
| | C155 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C161 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C162 | 403 041 8804 ELECT 10U M 16V |
| | C163 | 403 041 8804 ELECT 10U M 16V |
| | C164 | 403 069 8305 CERAMIC 0.01U Z 50V |
| | C171 | 403 042 2405 ELECT 100U M 16V |
| | C172 | 403 049 0008 ELECT 1U M 50V |
| | C173 | 403 059 3600 POLYESTER 2200P K 50V |
| | | OR 403 059 4201 POLYESTER 2200P K 50V |
| | C180 | 403 057 2803 POLYESTER 0.1U K 50V |
| | | OR 403 057 3701 POLYESTER 0.1U K 50V |
| | C181 | 403 044 9501 ELECT 100U M 25V |

| Ref. No. | Part No. | Description |
|----------|-----------------|-------------------------|
| C182 | 403 041 8804 | ELECT 10U M 16V |
| C183 | 403 041 8804 | ELECT 10U M 16V |
| C184 | 403 067 7805 | MT-COMPO 0.47U J 50V |
| | OR 403 166 7706 | MT-POLYEST 0.47U J 63V |
| C185 | 403 047 5005 | ELECT 470U M 25V |
| C186 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C188 | 403 049 9803 | ELECT 2.2U M 50V |
| C193 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C201 | 403 041 8804 | ELECT 10U M 16V |
| C202 | 403 019 7709 | CERAMIC 27P J 50V |
| C203 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C211 | 403 049 9803 | ELECT 2.2U M 50V |
| C221 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C222 | 403 042 2405 | ELECT 100U M 16V |
| C231 | 403 085 7306 | NP-ELECT 10U M 25V |
| C232 | 403 049 0008 | ELECT 1U M 50V |
| C233 | 403 041 8804 | ELECT 10U M 16V |
| C235 | 403 011 3808 | CERAMIC 120P J 50V |
| C251 | 403 030 5401 | CERAMIC 68P J 50V |
| C252 | 403 026 1103 | CERAMIC 47P J 50V |
| C253 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C255 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C261 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C262 | 403 086 2607 | NP-ELECT 1U M 50V |
| C263 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C264 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C265 | 403 048 6308 | ELECT 0.47U M 50V |
| C271 | 403 057 0403 | POLYESTER 0.01U K 50V |
| | OR 403 057 1004 | POLYESTER 0.01U K 50V |
| C272 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C282 | 403 013 1901 | CERAMIC 150P J 50V |
| C283 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C284 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C285 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C286 | 403 017 7701 | CERAMIC 22P J 50V |
| C290 | 403 044 1703 | ELECT 470U M 16V |
| C401 | 403 049 9803 | ELECT 2.2U M 50V |
| C402 | 403 071 2407 | CERAMIC 1800P K 50V |
| C411 | 403 069 0507 | CERAMIC 1000P K 50V |
| C421 | 403 042 2405 | ELECT 100U M 16V |
| C422 | 403 060 8205 | POLYESTER 0.033U K 50V |
| | OR 403 060 8809 | POLYESTER 0.033U K 50V |
| C423 | 403 051 0607 | ELECT 4.7U M 50V |
| C424 | 403 062 6902 | POLYESTER 0.056U K 50V |
| | OR 403 062 7404 | POLYESTER 0.056U K 50V |
| C425 | 403 048 6308 | ELECT 0.47U M 50V |
| C431 | 403 062 6902 | POLYESTER 0.056U K 50V |
| | OR 403 062 7404 | POLYESTER 0.056U K 50V |
| C432 | 403 075 7101 | CERAMIC 1000P K 500V |
| C433 | 403 076 3102 | CERAMIC 3900P K 500V |
| C434 | 403 054 0703 | ELECT 47U M 35V |
| △C435 | 404 030 3701 | MT-POLYPRO 4700P J 1.5K |
| | OR 404 030 3800 | MT-POLYPRO 4700P J 1.5K |
| △C436 | 403 165 7707 | CERAMIC 220P J 3K |
| | OR 403 078 2608 | CERAMIC 220P J 3K |
| C437 | 403 062 2201 | POLYESTER 0.47U K 50V |
| C441 | 403 082 7408 | POLYPRO 0.15U J 200V |
| C442 | 403 082 6906 | POLYPRO 0.12U J 200V |
| C443 | 403 055 3802 | ELECT 4.7U M 160V |
| C451 | 403 044 1703 | ELECT 470U M 16V |
| C452 | 403 053 3606 | ELECT 2200U M 35V |
| C453 | 403 071 5606 | CERAMIC 220P K 50V |
| C454 | 403 057 0403 | POLYESTER 0.01U K 50V |
| | OR 403 057 1004 | POLYESTER 0.01U K 50V |
| C455 | 403 091 9004 | TA-SOLID 1U K 25V |
| C456 | 403 052 7308 | ELECT 100U M 35V |
| C458 | 403 034 8804 | CERAMIC 10P D 500V |
| C459 | 403 064 1301 | POLYESTER 0.1U K 100V |
| C461 | 403 049 4204 | ELECT 10U M 50V |
| C462 | 403 045 1504 | ELECT 1000U M 25V |
| C463 | 403 064 6207 | POLYESTER 0.033U K 100V |
| △C502 | 403 067 2008 | MT-POLYEST 0.22U K 630V |
| C503 | 403 076 7100 | CERAMIC 1000P M 1K |
| C504 | 403 076 7100 | CERAMIC 1000P M 1K |
| C505 | 403 076 7100 | CERAMIC 1000P M 1K |

| Ref. No. | Part No. | Description |
|----------|-----------------|------------------------|
| C506 | 403 076 7100 | CERAMIC 1000P M 1K |
| C507 | 404 001 0005 | ELECT 100U M 400V |
| | OR 404 031 1003 | ELECT 100U M 400V |
| C514 | 403 061 4008 | POLYESTER 0.039U K 50V |
| | OR 403 061 4503 | POLYESTER 0.039U K 50V |
| C515 | 403 057 6801 | POLYESTER 0.012U J 50V |
| | OR 403 057 7303 | POLYESTER 0.012U J 50V |
| C516 | 403 165 8407 | CERAMIC 680P K 2K |
| | OR 403 077 9103 | CERAMIC 680P K 2K |
| C517 | 403 059 5901 | POLYESTER 0.022U K 50V |
| | OR 403 059 6700 | POLYESTER 0.022U K 50V |
| C518 | 403 165 6106 | CERAMIC 470P K 1K |
| | OR 403 077 0407 | CERAMIC 470P K 1K |
| △C531 | 404 008 3108 | CERAMIC 470P M 400V |
| △C532 | 404 008 3108 | CERAMIC 470P M 400V |
| C551 | 403 165 8605 | CERAMIC 470P K 2K |
| | OR 403 077 7901 | CERAMIC 470P K 2K |
| C554 | 403 165 6106 | CERAMIC 470P K 1K |
| | OR 403 077 0407 | CERAMIC 470P K 1K |
| C561 | 404 042 4703 | ELECT 220U M 160V |
| C562 | 403 055 1006 | ELECT 10U M 160V |
| C563 | 403 053 6904 | ELECT 330U M 35V |
| C564 | 403 045 1504 | ELECT 1000U M 25V |
| C565 | 403 047 5005 | ELECT 470U M 25V |
| C700 | 403 039 6508 | ELECT 100U M 10V |
| C701 | 403 039 6508 | ELECT 100U M 10V |
| C702 | 403 057 2803 | POLYESTER 0.1U K 50V |
| C704 | 403 043 9106 | ELECT 47U M 16V |
| C705 | 403 057 2803 | POLYESTER 0.1U K 50V |
| C708 | 403 068 9006 | CERAMIC 100P K 50V |
| C709 | 403 069 0507 | CERAMIC 1000P K 50V |
| C710 | 403 056 7106 | POLYESTER 1000P J 50V |
| | OR 403 056 7700 | POLYESTER 1000P J 50V |
| C711 | 403 072 7708 | CERAMIC 330P K 50V |
| C712 | 403 072 7708 | CERAMIC 330P K 50V |
| C713 | 403 072 7708 | CERAMIC 330P K 50V |
| C714 | 403 012 4002 | CERAMIC 15P J 50V |
| C715 | 403 017 7404 | CERAMIC 22P J 50V |
| C720 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C731 | 403 062 0306 | POLYESTER 0.047U K 50V |
| C741 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C760 | 403 041 8804 | ELECT 10U M 16V |
| C761 | 403 014 0309 | CERAMIC 18P J 50V |
| C762 | 403 041 8804 | ELECT 10U M 16V |
| C764 | 403 041 8804 | ELECT 10U M 16V |
| C766 | 403 041 8804 | ELECT 10U M 16V |
| C782 | 403 057 2803 | POLYESTER 0.1U K 50V |
| | OR 403 057 3701 | POLYESTER 0.1U K 50V |
| C783 | 403 057 2803 | POLYESTER 0.1U K 50V |
| | OR 403 057 3701 | POLYESTER 0.1U K 50V |
| C785 | 403 051 0607 | ELECT 4.7U M 50V |
| C789 | 403 071 1707 | CERAMIC 180P K 50V |
| C790 | 403 073 6403 | CERAMIC 470P K 50V |
| C801 | 403 043 9106 | ELECT 47U M 16V |
| C810 | 403 043 9106 | ELECT 47U M 16V |
| C821 | 403 049 0008 | ELECT 1U M 50V |

RESISTORS

| | | |
|------|--------------|---------------------|
| R100 | 401 024 6700 | CARBON 100 JA 1/6W |
| R101 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| R102 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R103 | 401 024 7004 | CARBON 1K JA 1/6W |
| R104 | 401 025 7409 | CARBON 220 JA 1/6W |
| R105 | 401 026 9303 | CARBON 47 JA 1/6W |
| R106 | 401 024 7004 | CARBON 1K JA 1/6W |
| R107 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R108 | 401 027 0309 | CARBON 47K JA 1/6W |
| R109 | 401 024 7707 | CARBON 100K JA 1/6W |
| R110 | 401 017 0807 | CARBON 270 JA 1/4W |
| R113 | 401 058 2501 | OXIDE-HT 100 JA 1W |
| R120 | 401 026 9600 | CARBON 470 JA 1/6W |
| R122 | 401 024 7004 | CARBON 1K JA 1/6W |
| R123 | 401 025 3807 | CARBON 180 JA 1/6W |
| R124 | 401 024 7004 | CARBON 1K JA 1/6W |

| Ref. No. | Part No. | Description |
|----------|--------------|------------------------|
| R134 | 401 022 1905 | CARBON 680 JA 1/4W |
| R137 | 401 026 1604 | CARBON 270K JA 1/6W |
| R138 | 401 026 1604 | CARBON 270K JA 1/6W |
| R139 | 401 025 8703 | CARBON 220K JA 1/6W |
| R140 | 401 024 7004 | CARBON 1K JA 1/6W |
| R155 | 401 024 7400 | CARBON 10K JA 1/6W |
| R156 | 401 024 7004 | CARBON 1K JA 1/6W |
| R157 | 401 027 0309 | CARBON 47K JA 1/6W |
| R161 | 401 027 8305 | CARBON 820 JA 1/6W |
| R162 | 401 027 0309 | CARBON 47K JA 1/6W |
| R163 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R164 | 401 025 1902 | CARBON 15K JA 1/6W |
| △R171 | 402 002 1601 | FUSIBLE RES 33 J- 1/2W |
| R175 | 401 024 9701 | CARBON 12K JA 1/6W |
| R183 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| R184 | 401 025 8208 | CARBON 22K JA 1/6W |
| R185 | 401 024 6007 | CARBON 1.5 JA 1/6W |
| R191 | 401 007 7601 | CARBON 150 JA 1/2W |
| R192 | 401 007 7601 | CARBON 150 JA 1/2W |
| R200 | 401 024 7400 | CARBON 10K JA 1/6W |
| R201 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R202 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| R203 | 401 026 9600 | CARBON 470 JA 1/6W |
| R204 | 401 026 4308 | CARBON 3.3K JA 1/6W |
| R212 | 401 025 8208 | CARBON 22K JA 1/6W |
| R217 | 401 024 7400 | CARBON 10K JA 1/6W |
| R231 | 401 017 3808 | CARBON 270K JA 1/4W |
| R232 | 401 024 7004 | CARBON 1K JA 1/6W |
| R233 | 401 000 7509 | SOLID 1.5K KA 1/2W |
| R235 | 401 024 7400 | CARBON 10K JA 1/6W |
| R241 | 401 024 6700 | CARBON 100 JA 1/6W |
| R242 | 401 009 5803 | CARBON 330 JA 1/2W |
| R244 | 401 025 1902 | CARBON 15K JA 1/6W |
| R246 | 401 026 9303 | CARBON 47 JA 1/6W |
| R251 | 401 024 9305 | CARBON 1.2K JA 1/6W |
| R255 | 401 024 7004 | CARBON 1K JA 1/6W |
| R256 | 401 025 8208 | CARBON 22K JA 1/6W |
| R261 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R262 | 401 024 9701 | CARBON 12K JA 1/6W |
| R263 | 401 025 8703 | CARBON 220K JA 1/6W |
| R264 | 401 026 7606 | CARBON 390K JA 1/6W |
| R281 | 401 026 6609 | CARBON 390 JA 1/6W |
| R283 | 401 027 5205 | CARBON 680 JA 1/6W |
| R284 | 401 027 5205 | CARBON 680 JA 1/6W |
| R401 | 401 027 9005 | CARBON 82K JA 1/6W |
| R402 | 401 026 0607 | CARBON 270 JA 1/6W |
| R411 | 401 024 7004 | CARBON 1K JA 1/6W |
| R412 | 401 009 1508 | CARBON 2.7K JA 1/2W |
| R420 | 401 007 4709 | CARBON 1.2K JA 1/2W |
| R421 | 401 024 7004 | CARBON 1K JA 1/6W |
| R422 | 401 025 4903 | CARBON 180K JA 1/6W |
| R431 | 401 026 3905 | CARBON 330 JA 1/6W |
| R432 | 401 024 7004 | CARBON 1K JA 1/6W |
| R433 | 401 007 1104 | CARBON 1K JA 1/2W |
| R434 | 401 067 0000 | OXIDE-MT 270 JA 2W |
| R435 | 402 055 5106 | WIRE WOUND 12 KA 6W |
| R442 | 401 025 8703 | CARBON 220K JA 1/6W |
| R443 | 401 058 3706 | OXIDE-MT 1K JA 1W |
| R450 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| △R451 | 402 002 0307 | FUSIBLE RES 15 J- 1/2W |
| R452 | 401 026 1307 | CARBON 27K JA 1/6W |
| R453 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R454 | 401 027 5908 | CARBON 68K JA 1/6W |
| R455 | 401 026 1307 | CARBON 27K JA 1/6W |
| R456 | 401 024 7004 | CARBON 1K JA 1/6W |
| R457 | 401 026 8108 | CARBON 4.7 JA 1/6W |
| R461 | 401 026 7002 | CARBON 3.9K JA 1/6W |
| R462 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R463 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R464 | 401 026 3905 | CARBON 330 JA 1/6W |
| R465 | 401 006 8807 | CARBON 1.8 JA 1/2W |
| R468 | 401 009 5803 | CARBON 330 JA 1/2W |
| R481 | 401 057 6104 | OXIDE-MT 0.56 JA 1W |
| △R501 | 401 008 8607 | CARBON 220K JA 1/2W |
| R502 | 402 057 8204 | WIRE WOUND 3.9 KA 6W |

| Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|
| R511 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R515 | 401 025 8208 | CARBON 22K JA 1/6W |
| R517 | 401 027 2303 | CARBON 560 JA 1/6W |
| R519 | 401 016 2604 | CARBON 220 JA 1/4W |
| R520 | 401 000 5901 | SOLID 120K KA 1/2W |
| R521 | 401 000 5901 | SOLID 120K KA 1/2W |
| R522 | 401 014 5201 | CARBON 15K JA 1/4W |
| R524 | 401 069 6208 | OXIDE-MT 82 JA 2W |
| R525 | 401 069 1708 | OXIDE-MT 68 JA 2W |
| R526 | 401 016 3304 | CARBON 2.2K GA 1/4W |
| △R531 | 402 000 8305 | SOLID 5.6M KA 1/2W |
| △R532 | 402 000 8305 | SOLID 5.6M KA 1/2W |
| △R550 | 402 051 8705 | FUSIBLE RES 4.7 J- 1/2W |
| R551 | 401 066 8007 | OXIDE-MT 22K JA 2W |
| R552 | 401 012 8105 | CARBON 100K JA 1/4W |
| R553 | 401 020 2003 | CARBON 4.7K JA 1/4W |
| R554 | 401 014 6109 | CARBON 150K JA 1/4W |
| R555 | 401 010 4307 | CARBON 47K JA 1/2W |
| R556 | 401 025 8208 | CARBON 22K JA 1/6W |
| R557 | 401 058 1108 | OXIDE-MT 10 JA 1W |
| R559 | 401 008 3701 | CARBON 2.2 JA 1/2W |
| R560 | 401 009 6602 | CARBON 3.3K JA 1/2W |
| △R562 | 402 002 4404 | FUSIBLE RES 6.8 J- 1W |
| R563 | 401 068 2607 | OXIDE-MT 47 JA 2W |
| △R569 | 402 037 1805 | FUSIBLE RES 4.7 J- 1W |
| R700 | 401 026 3905 | CARBON 330 JA 1/6W |
| R701 | 401 065 6707 | OXIDE-MT 150 JA 2W |
| R702 | 401 024 7400 | CARBON 10K JA 1/6W |
| R703 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R704 | 401 024 7400 | CARBON 10K JA 1/6W |
| R705 | 401 027 5908 | CARBON 68K JA 1/6W |
| R706 | 401 027 5908 | CARBON 68K JA 1/6W |
| R707 | 401 027 0309 | CARBON 47K JA 1/6W |
| R708 | 401 024 7400 | CARBON 10K JA 1/6W |
| R709 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R713 | 401 024 7400 | CARBON 10K JA 1/6W |
| R714 | 401 024 7400 | CARBON 10K JA 1/6W |
| R715 | 401 019 1901 | CARBON 3.9K JA 1/4W |
| R721 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| R722 | 401 027 8602 | CARBON 8.2K JA 1/6W |
| R723 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R724 | 401 026 9600 | CARBON 470 JA 1/6W |
| R733 | 401 025 8208 | CARBON 22K JA 1/6W |
| R734 | 401 027 0309 | CARBON 47K JA 1/6W |
| R735 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R736 | 401 025 8208 | CARBON 22K JA 1/6W |
| R737 | 401 024 7400 | CARBON 10K JA 1/6W |
| R738 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R739 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R741 | 401 024 7400 | CARBON 10K JA 1/6W |
| R742 | 401 026 4605 | CARBON 33K JA 1/6W |
| R743 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R744 | 401 024 7004 | CARBON 1K JA 1/6W |
| R745 | 401 024 9008 | CARBON 120 JA 1/6W |
| R746 | 401 024 9305 | CARBON 1.2K JA 1/6W |
| R747 | 401 024 7004 | CARBON 1K JA 1/6W |
| R748 | 401 026 3905 | CARBON 330 JA 1/6W |
| R758 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R759 | 401 025 8208 | CARBON 22K JA 1/6W |
| R761 | 401 024 6700 | CARBON 100 JA 1/6W |
| R762 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R763 | 401 027 0309 | CARBON 47K JA 1/6W |
| R764 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R765 | 401 027 2303 | CARBON 560 JA 1/6W |
| R766 | 401 027 2303 | CARBON 560 JA 1/6W |
| R767 | 401 025 7805 | CARBON 2.2K JA 1/6W |
| R768 | 401 025 4606 | CARBON 18K JA 1/6W |
| R769 | 401 026 7408 | CARBON 39K JA 1/6W |
| R770 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R771 | 401 025 8208 | CARBON 22K JA 1/6W |
| R772 | 401 027 0309 | CARBON 47K JA 1/6W |
| R773 | 401 025 1902 | CARBON 15K JA 1/6W |
| R774 | 401 025 4606 | CARBON 18K JA 1/6W |
| R775 | 401 026 1307 | CARBON 27K JA 1/6W |
| R776 | 401 025 4606 | CARBON 18K JA 1/6W |

| Ref. No. | Part No. | Description |
|----------|--------------|---------------------|
| R778 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R779 | 401 026 7408 | CARBON 39K JA 1/6W |
| R781 | 401 027 5908 | CARBON 68K JA 1/6W |
| R785 | 401 025 8208 | CARBON 22K JA 1/6W |
| R786 | 401 025 8208 | CARBON 22K JA 1/6W |
| R787 | 401 025 8208 | CARBON 22K JA 1/6W |
| R788 | 401 025 8208 | CARBON 22K JA 1/6W |
| R789 | 401 026 1307 | CARBON 27K JA 1/6W |
| R790 | 401 026 4605 | CARBON 33K JA 1/6W |
| R791 | 401 025 8208 | CARBON 22K JA 1/6W |
| R793 | 401 025 8208 | CARBON 22K JA 1/6W |
| R795 | 401 064 9907 | OXIDE-MT 10K JA 2W |
| R796 | 401 026 9600 | CARBON 470 JA 1/6W |
| R801 | 401 023 0709 | CARBON 82 JA 1/4W |
| R802 | 401 024 6700 | CARBON 100 JA 1/6W |
| R806 | 401 027 8602 | CARBON 8.2K JA 1/6W |
| R807 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R808 | 401 024 7004 | CARBON 1K JA 1/6W |
| R810 | 401 025 8208 | CARBON 22K JA 1/6W |
| R811 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R812 | 401 024 6700 | CARBON 100 JA 1/6W |
| R821 | 401 024 7707 | CARBON 100K JA 1/6W |
| R822 | 401 024 7004 | CARBON 1K JA 1/6W |

VARIABLE RESISTORS

| | | |
|-------|-----------------|--------------------------|
| VR101 | 610 019 3901 | VARIABLE RESISTOR B-10K |
| | OR 610 019 3413 | VR B-10K |
| VR121 | 610 019 3864 | VARIABLE RESISTOR B-1K |
| | OR 610 019 3338 | VR B-1K |
| VR211 | 610 019 3932 | VARIABLE RESISTOR B-50K |
| VR281 | 610 019 3864 | VARIABLE RESISTOR B-1K |
| VR411 | 610 019 3918 | VARIABLE RESISTOR B-20K |
| | OR 610 019 3451 | VR B-20K |
| VR451 | 610 019 3949 | VARIABLE RESISTOR B-100K |
| | OR 610 019 3512 | VR B-100K |
| VR551 | 610 019 3871 | VARIABLE RESISTOR B-2K |
| | OR 610 019 3352 | VR B-2K |
| VR710 | 610 019 3888 | VARIABLE RESISTOR B-3K |

TRANSFORMERS

| | | |
|-------|-----------------|-----------------|
| T101 | 610 037 5727 | S TRANS |
| T103 | 610 037 7646 | S TRANS |
| T121 | 610 037 4522 | S COIL |
| T131 | 610 037 6557 | S TRANS |
| | OR 610 037 6564 | S TRANS |
| T281 | 610 037 7028 | S TRANS |
| T431 | 610 000 1060 | DRIVE TRANS |
| | OR 610 000 1053 | DRIVE TRANS |
| △T471 | 610 017 9974 | FBT |
| △T511 | 610 216 4534 | CONVERTER TRANS |

COILS

| | | |
|-------|-----------------|---------------------|
| L121 | 610 031 3958 | PEAKING COIL |
| L131 | 610 031 3958 | PEAKING COIL |
| L141 | 610 031 3958 | PEAKING COIL |
| L161 | 610 031 3958 | PEAKING COIL |
| L201 | 610 030 0903 | DELAY LINE |
| L211 | 610 037 4546 | S COIL |
| L221 | 610 029 5926 | PEAKING COIL 10UH K |
| | OR 610 210 3366 | PEAKING COIL 10UHK |
| | OR 610 029 8125 | PEAKING COIL 10UH K |
| L251 | 610 031 4177 | PEAKING COIL |
| L281 | 610 031 4290 | PEAKING COIL 8.2UHK |
| L282 | 610 032 6699 | 1H DELAYLINE |
| | OR 610 032 6705 | 1H DELAYLINE |
| L283 | 610 031 4603 | PEAKING COIL |
| L431 | 610 078 4635 | PIPECORE |
| L432 | 610 078 4635 | PIPECORE |
| L433 | 610 078 9937 | BEAD CORE |
| L451 | 610 031 3156 | PEAKING COIL |
| | OR 610 210 3809 | PEAKING COIL 18UHK |
| △L502 | 610 031 5952 | LINE FILTER |

| Ref. No. | Part No. | Description |
|----------|-----------------|--------------------------|
| L503 | 610 031 5945 | LINE FILTER |
| | OR 610 031 5969 | LINE FILTER |
| | OR 610 213 9563 | LINE FILTER |
| L561 | 610 078 4635 | PIPECORE |
| L700 | 610 029 5926 | PEAKING COIL 10UH K |
| | OR 610 210 3366 | PEAKING COIL 10UHK |
| | OR 610 029 8125 | PEAKING COIL 10UH K |
| L701 | 610 031 4504 | PEAKING COIL |
| L711 | 610 078 4635 | PIPECORE |
| L781 | 610 031 3873 | PEAKING COIL 10UHK |
| DIODES | | |
| D110 | 407 048 5606 | ZENER DIODE EQA02-10A |
| D231 | 407 005 4505 | DIODE DS442X |
| | OR 407 013 1008 | DIODE 1S1553 |
| | OR 407 013 4306 | DIODE 1S2076A |
| | OR 407 013 6508 | DIODE 1S2471 |
| D241 | 407 075 9905 | ZENER DIODE EQA03-11A |
| D242 | 407 005 4208 | DIODE DS442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| D243 | 407 005 4208 | DIODE DS442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| D255 | 407 005 4208 | DIODE DS442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| D411 | 407 048 5606 | ZENER DIODE EQA02-10A |
| | OR 407 048 5804 | ZENER DIODE EQA02-10B |
| D441 | 407 006 3903 | DIODE ERB43-04 |
| | OR 407 011 4407 | DIODE TVR1G |
| D451 | 408 009 9008 | DIODE BYD330 |
| | OR 407 005 7308 | DIODE EM01Z |
| | OR 407 006 1008 | DIODE ERB12-02RK |
| D452 | 408 009 9305 | DIODE BYD33G |
| | OR 407 007 7801 | DIODE EU2Z |
| | OR 407 013 1909 | DIODE 1S1834 |
| D503 | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RM11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| D504 | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RM11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| D505 | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RM11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| D506 | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RM11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| D514 | 407 005 4505 | DIODE DS442X |
| | OR 407 013 1008 | DIODE 1S1553 |
| | OR 407 013 4306 | DIODE 1S2076A |
| | OR 407 013 6508 | DIODE 1S2471 |
| D515 | 407 104 2204 | PHOTO COUPLE PC817B |
| | OR 407 104 2402 | PHOTO COUPLE PC817C |
| | OR 407 002 9602 | PHOTO COUPLE TLP621-1-GB |
| D516 | 407 005 4505 | DIODE DS442X |
| | OR 407 013 1008 | DIODE 1S1553 |
| | OR 407 013 4306 | DIODE 1S2076A |
| | OR 407 013 6508 | DIODE 1S2471 |
| D517 | 408 009 9008 | DIODE BYD330 |
| | OR 407 007 6606 | DIODE ES1 |
| | OR 407 007 6903 | DIODE ES1Z |
| D551 | 408 009 9206 | DIODE BYD33J |
| | OR 407 007 7702 | DIODE EU2A |
| | OR 407 064 7004 | DIODE 1S1835 |
| D553 | 408 009 9305 | DIODE BYD33G |
| | OR 407 007 6606 | DIODE ES1 |

| Ref. No. | Part No. | Description |
|----------|-----------------|-----------------------|
| D554 | OR 407 013 1909 | DIODE 1S1834 |
| | 408 009 9305 | DIODE BYD336 |
| D555 | OR 407 007 7801 | DIODE EU2Z |
| | OR 407 013 1909 | DIODE 1S1834 |
| D561 | 408 009 9305 | DIODE BYD336 |
| | OR 407 007 6606 | DIODE ES1 |
| D701 | OR 407 013 1909 | DIODE 1S1834 |
| | 407 048 2407 | ZENER DIODE EQA02-06E |
| D702 | OR 407 048 2605 | ZENER DIODE EQA02-06F |
| | 407 048 1103 | ZENER DIODE EQA02-05D |
| D704 | OR 407 048 1202 | ZENER DIODE EQA02-05E |
| | 407 005 4208 | DIODE DS442S2 |
| D711 | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| D712 | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| D721 | 408 009 8808 | LED SLC-26VRSF |
| | OR 407 029 1207 | LED SLP-177B-60 |
| D731 | 407 005 4208 | DIODE DS442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| D741 | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| D781 | OR 407 013 7109 | DIODE 1S2473 |
| | 407 005 4208 | DIODE DS442S2 |
| D801 | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |

MISCELLANEOUS

| | | |
|---------|-----------------|-----------------------|
| F501-A1 | 610 012 4356 | FUSE CLIP |
| F501-A2 | OR 610 212 8543 | FUSE CLIP |
| | 610 012 4356 | FUSE CLIP |
| TH710 | OR 610 212 8543 | FUSE CLIP |
| | 407 015 0405 | THERMISTOR SOT-35-CTV |
| A101 | 610 222 5471 | UV VARACTOR TUNER |
| D704A | 610 222 0322 | LED HOLDER-G2CA-A |
| F501 | 423 006 4801 | FUSE 250V 2.5A |
| | OR 423 006 4702 | FUSE 250V 2.5A |
| IC451-1 | 411 036 3208 | SCR PAN+SW+W 3X10 |
| IC451-2 | 411 054 7103 | NUT HEX 3 |
| IC451-3 | 610 077 7781 | SILICON GREASE |
| IC551-1 | 610 219 1189 | HEAT SINK-E2HV |
| KDY1P | 610 014 3364 | M/C TERMINAL PLUG |
| KDY2P | 610 014 3364 | M/C TERMINAL PLUG |
| KDY3P | 610 014 3364 | M/C TERMINAL PLUG |
| KDY4P | 610 014 3364 | M/C TERMINAL PLUG |
| KE1P | 610 014 3364 | M/C TERMINAL PLUG |
| KE2P | 610 014 3364 | M/C TERMINAL PLUG |
| KP | 610 012 3380 | WIRE HOLDER 6P |
| KQ | 610 012 3342 | WIRE HOLDER 4P |
| KSCP | 610 014 3364 | M/C TERMINAL PLUG |
| KW | 610 010 7960 | HOUSING PLUG 2P |

| Ref. No. | Part No. | Description |
|-----------------|--------------------|---------------------------|
| K171 | 610 212 6334 | PHONE JACK |
| K801 | 610 010 8820 | RCA JACK 1P |
| K821 | 610 010 8813 | RCA JACK 1P |
| P5501 | 408 000 3906 | TH PTH451A138G180M270 |
| | OR 408 003 6805 | THERMISTOR 902P44E180MR14 |
| Q432-1 | 610 216 5050 | HOR & VERT HEAT SINK-E2HA |
| | 411 045 2803 | SCR PAN+SW 3X12 |
| Q432-3 | 411 054 7103 | NUT HEX 3 |
| Q432-4 | 610 077 7781 | SILICON GREASE |
| Q432-5 | 610 130 5549 | WIRE HOLDER D13-AWZ |
| Q432-6 | 412 031 0605 | SPECIAL SCREW |
| Q432-7 | 610 216 5043 | POWER HEAT SINK-E2HA |
| Q513-1 | 411 045 2803 | SCR PAN+SW 3X12 |
| Q513-3 | 411 054 7103 | NUT HEX 3 |
| Q513-4 | 610 077 7781 | SILICON GREASE |
| Q513-5 | 610 130 5549 | WIRE HOLDER D13-AWZ |
| Q513-6 | 412 031 0605 | SPECIAL SCREW |
| Q513-7 | 610 011 2728 | LEVER SWITCH |
| SW251 | 610 218 9162 | PUSH SWITCH |
| SW501 | 610 011 2698 | PUSH SWITCH |
| SW701 | 610 011 2698 | PUSH SWITCH |
| SW702 | 610 011 2698 | PUSH SWITCH |
| SW703 | 610 011 2698 | PUSH SWITCH |
| SW704 | 610 011 2698 | PUSH SWITCH |
| SW705-10 | 610 011 4463 | PUSH SWITCH |
| SW712 | 610 011 4432 | PUSH SWITCH |
| SW713 | 610 011 4432 | PUSH SWITCH |
| TP-A | 610 014 3364 | M/C TERMINAL PLUG |
| TP-D1-2 | 610 010 7960 | HOUSING PLUG 2P |
| TP-F | 610 014 3364 | M/C TERMINAL PLUG |
| TP-G | 610 014 3364 | M/C TERMINAL PLUG |
| TP-H | 610 014 3364 | M/C TERMINAL PLUG |
| TP-3E | 610 014 3364 | M/C TERMINAL PLUG |
| X101 | 421 003 0109 | SAW F TSF1316L |
| X121 | 610 015 2854 | CERAMIC FILTER |
| X143 | 610 015 2878 | CERAMIC FILTER |
| X161 | 610 216 7245 | CERAMIC FILTER |
| X201 | 610 012 0495 | CRYSTAL OSCILLATOR |
| OR 610 012 0501 | CRYSTAL OSCILLATOR | |
| | OR 610 204 4188 | CRYSTAL OSCILLATOR |
| OR 610 012 0525 | CRYSTAL OSCILLATOR | |
| | 610 012 2222 | CERAMIC TRAP |
| X251 | 610 216 6149 | CERAMIC OSCILLATOR |
| X421 | 610 012 2857 | CERAMIC OSCILLATOR |
| X701 | OR 610 212 8765 | CERAMIC OSCILLATOR |

610 216 4978 UE2059 CRT Unit E2HA

TRANSISTORS

| | | |
|------|-----------------|---------------------|
| Q601 | 405 040 5600 | TR 2SC2228-D |
| | OR 405 029 6901 | TR 2SC2228-E |
| Q611 | OR 406 000 5104 | TR 2SC2229-O(SAN-2) |
| | OR 406 000 5203 | TR 2SC2229-Y(SAN-2) |
| Q621 | 405 040 5600 | TR 2SC2228-D |
| | OR 405 029 6901 | TR 2SC2228-E |
| Q641 | OR 406 000 5104 | TR 2SC2229-O(SAN-2) |
| | OR 406 000 5203 | TR 2SC2229-Y(SAN-2) |
| Q621 | 405 040 5600 | TR 2SC2228-D |
| | OR 405 029 6901 | TR 2SC2228-E |
| Q641 | OR 406 000 5104 | TR 2SC2229-O(SAN-2) |
| | OR 406 000 5203 | TR 2SC2229-Y(SAN-2) |
| Q601 | 405 040 5600 | TR 2SC2228-D |
| | OR 405 029 6901 | TR 2SC2228-E |
| Q611 | OR 406 000 5104 | TR 2SC2229-O(SAN-2) |
| | OR 406 000 5203 | TR 2SC2229-Y(SAN-2) |

CAPACITORS

| | | | | |
|------|--------------|---------|--------|-----|
| C601 | 403 071 5606 | CERAMIC | 220P K | 50V |
| C602 | 403 073 6403 | CERAMIC | 470P K | 50V |
| C611 | 403 071 5606 | CERAMIC | 220P K | 50V |
| C612 | 403 073 6403 | CERAMIC | 470P K | 50V |
| C621 | 403 071 5606 | CERAMIC | 220P K | 50V |
| C622 | 403 074 5702 | CERAMIC | 560P K | 50V |

| Ref. No. | Part No. | Description |
|--------------------------------|-----------------|--------------------------|
| C631 | 403 077 2708 | CERAMIC 1000P P 2K |
| C632 | 403 077 2708 | CERAMIC 1000P P 2K |
| C642 | 403 024 0009 | CERAMIC 39P J 50V |
| RESISTORS | | |
| R601 | 401 065 4604 | OXIDE-MT 12K JA 2W |
| R602 | 401 002 0102 | SOLID 3.3K KA 1/2W |
| R603 | 401 014 2903 | CARBON 150 JA 1/4W |
| R611 | 401 065 4604 | OXIDE-MT 12K JA 2W |
| R612 | 401 002 0102 | SOLID 3.3K KA 1/2W |
| R613 | 401 014 2903 | CARBON 150 JA 1/4W |
| R621 | 401 065 4604 | OXIDE-MT 12K JA 2W |
| R622 | 401 002 0102 | SOLID 3.3K KA 1/2W |
| R623 | 401 014 2903 | CARBON 150 JA 1/4W |
| R624 | 401 017 0807 | CARBON 270 JA 1/4W |
| R631 | 401 001 7607 | SOLID 270K KA 1/2W |
| R632 | 401 018 1605 | CARBON 33 JA 1/4W |
| R642 | 401 012 5708 | CARBON 1K JA 1/4W |
| VARIABLE RESISTORS | | |
| VR601 | 610 019 0108 | VARIABLE RESISTOR |
| VR602 | 610 018 9164 | VR B-500 |
| VR611 | 610 019 0108 | VARIABLE RESISTOR |
| VR612 | 610 018 9164 | VR B-500 |
| VR621 | 610 019 0108 | VARIABLE RESISTOR |
| MISCELLANEOUS | | |
| KTP6A | 610 014 3364 | H/C TERMINAL PLUG |
| KTP6B | 610 014 3364 | H/C TERMINAL PLUG |
| KTP6E | 610 014 3364 | H/C TERMINAL PLUG |
| K6M | 610 014 3364 | H/C TERMINAL PLUG |
| K601 | 610 010 4938 | CRT SOCKET |
| (OUT OF CIRCUIT BOARDS) | | |
| PICTURE TUBE | | |
| △Q901 | 414-006 5509 | CRT A34JFQ40X(W) |
| COILS | | |
| △L901 | 610 225 3535 | DEGAUSSING COIL |
| | OR 610 225 3542 | DEGAUSSING COIL |
| | OR 610 225 3559 | DEGAUSSING COIL |
| △L902 | 610 224 5776 | DEFLECTION YOKE |
| MISCELLANEOUS | | |
| KFO-1 | 610 212 6341 | TERMINAL SOCKET |
| KFO-2 | 610 155 9720 | LEAD HOLDER-SHA |
| KSCS | 610 013 9442 | MINI CONNECTOR 1P-SOCKET |
| KSCS-1 | 610 013 9404 | H/C TERMINAL SOCKET |
| KWS | 610 010 8059 | HOUSING 2P |
| KWS1 | 610 010 8141 | TERMINAL SOCKET |
| KWS2 | 610 010 8141 | TERMINAL SOCKET |
| K6PS | 610 012 3380 | WIRE HOLDER 6P |
| K6QS | 610 012 3342 | WIRE HOLDER 4P |
| NO.1 | 610 013 9404 | H/C TERMINAL SOCKET |
| NO.2 | 610 013 9442 | MINI CONNECTOR 1P-SOCKET |
| Q901-1 | 610 003 1722 | CG PURITY MAGNET |
| | OR 610 004 3008 | CG PURITY MAGNET |
| Q901-2A | 610 117 0154 | DY SPACER-D4AK |
| | OR 610 116 5075 | DY SPACER-B2ME |
| Q901-2B | 610 117 0154 | DY SPACER-D4AK |
| | OR 610 116 5075 | DY SPACER-B2ME |
| Q901-2C | 610 117 0154 | DY SPACER-D4AK |
| | OR 610 116 5075 | DY SPACER-B2ME |
| SP901 | 610 211 7936 | SPEAKER |
| | OR 610 211 7943 | SPEAKER |
| W1 | 610 027 0336 | CORD |
| △W901 | 610 011 7952 | AC CORD |

| Ref. No. | Part No. | Description |
|--|-----------------|-----------------------|
| W902 | OR 610 011 9697 | AC CORD |
| Z1 | 610 024 2159 | GROUNDING CONNECTOR |
| | 610 082 4966 | GROUNDING SPRING-BGAP |
| Model CPP6002 | | |
| 610 223 3681 UE2263A Main Unit E2KC-A | | |
| TRANSISTORS | | |
| Q101 | 405 013 3305 | TR 2SC2216(SAN) |
| Q110 | 405 023 4903 | TR 2SD400-D-MP |
| | OR 405 023 5009 | TR 2SD400-E-MP |
| | OR 405 023 5306 | TR 2SD400-F-MP |
| Q124 | 406 000 6804 | TR 2SA1015-GR(SAN) |
| | OR 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |
| | OR 405 004 3109 | TR 2SA564A-Q(CU) |
| | OR 405 004 3208 | TR 2SA564A-R(CU) |
| | OR 405 004 4205 | TR 2SA608-E-CTV-NP |
| | OR 405 004 4809 | TR 2SA608-F-CTV-NP |
| | OR 405 006 1103 | TR 2SA933-Q |
| | OR 405 006 1202 | TR 2SA933-R |
| | OR 405 006 1707 | TR 2SA933S-Q |
| | OR 405 006 1806 | TR 2SA933S-R |
| Q241 | 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |
| Q431 | 405 014 2406 | TR 2SC2383-O(SAN) |
| | OR 405 014 2505 | TR 2SC2383-R(SAN) |
| Q432 | 405 022 6700 | TR 2SD1650-CTV-YB |
| Q511 | 406 000 6804 | TR 2SA1015-GR(SAN) |
| | OR 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |
| | OR 405 004 3109 | TR 2SA564A-Q(CU) |
| | OR 405 004 3208 | TR 2SA564A-R(CU) |
| | OR 405 004 4205 | TR 2SA608-E-CTV-NP |
| | OR 405 004 4809 | TR 2SA608-F-CTV-NP |
| | OR 405 006 1103 | TR 2SA933-Q |
| | OR 405 006 1202 | TR 2SA933-R |
| | OR 405 006 1707 | TR 2SA933S-Q |
| | OR 405 006 1806 | TR 2SA933S-R |
| Q512 | 405 058 0208 | TR 2SC3807-R-CTV-YA |
| Q513 | 405 022 8506 | TR 2SD1710-CTV-YB |
| Q553 | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 012 2101 | TR 2SC1815-O |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| Q701 | 405 011 7305 | TR 2SC1740-Q |
| | OR 405 011 7404 | TR 2SC1740-R |
| | OR 405 011 7503 | TR 2SC1740-S |
| | OR 405 011 8401 | TR 2SC1740S-Q |
| | OR 405 011 8500 | TR 2SC1740S-R |
| | OR 405 011 8609 | TR 2SC1740S-S |
| | OR 405 012 2002 | TR 2SC1815-GR |
| | OR 405 012 2101 | TR 2SC1815-O |
| | OR 405 012 2309 | TR 2SC1815-Y |
| | OR 405 019 1909 | TR 2SC536-E-NP |
| | OR 405 019 2708 | TR 2SC536-F-NP |
| | OR 405 019 3804 | TR 2SC536-G-NP |
| | OR 405 020 7501 | TR 2SC945A-PA |
| | OR 405 020 7709 | TR 2SC945A-QA |
| | OR 405 020 7907 | TR 2SC945A-RA |
| Q721 | 406 000 6804 | TR 2SA1015-GR(SAN) |
| | OR 405 001 7407 | TR 2SA1015-O(SAN) |
| | OR 405 001 7605 | TR 2SA1015-Y(SAN) |

| Ref. No. | Part No. | Description |
|--------------|-----------------|--------------------|
| Q732 | OR 405 004 3109 | TR 25A564A-Q(CU) |
| | OR 405 004 3208 | TR 25A564A-R(CU) |
| | OR 405 004 4205 | TR 25A608-E-CTV-NP |
| | OR 405 004 4809 | TR 25A608-F-CTV-NP |
| | OR 405 006 1103 | TR 25A933-Q |
| | OR 405 006 1202 | TR 25A933-R |
| | OR 405 006 1707 | TR 25A933S-Q |
| | OR 405 006 1806 | TR 25A933S-R |
| | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| Q733 | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 013 3305 | TR 25C2216(SAN) |
| Q741 Q742 | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| Q751 | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| Q761 | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 039 3303 | TR 25C3114-R |
| | OR 405 039 3402 | TR 25C3114-S |
| | OR 405 017 1901 | TR 25C3114-T |
| | OR 405 017 2106 | TR 25C3114-U |
| Q762 | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |

| Ref. No. | Part No. | Description |
|----------|-----------------|----------------|
| Q785 | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| Q802 | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| Q810 | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |
| | 405 011 7305 | TR 25C1740-Q |
| | OR 405 011 7404 | TR 25C1740-R |
| | OR 405 011 7503 | TR 25C1740-S |
| | OR 405 011 8401 | TR 25C1740S-Q |
| | OR 405 011 8500 | TR 25C1740S-R |
| | OR 405 011 8609 | TR 25C1740S-S |
| | OR 405 012 2002 | TR 25C1815-GR |
| | OR 405 012 2101 | TR 25C1815-O |
| | OR 405 012 2309 | TR 25C1815-Y |
| | OR 405 019 1909 | TR 25C536-E-NP |
| | OR 405 019 2708 | TR 25C536-F-NP |
| | OR 405 019 3804 | TR 25C536-G-NP |
| | OR 405 020 7501 | TR 25C945A-PA |
| | OR 405 020 7709 | TR 25C945A-QA |
| | OR 405 020 7907 | TR 25C945A-RA |

INTEGRATED CIRCUITS

| | | |
|-------|-----------------|---------------------|
| IC101 | 409 185 0407 | IC LA7680 |
| IC171 | 409 073 1509 | IC AN5265 |
| IC451 | 409 173 2703 | IC LA7837 |
| IC551 | 409 143 3402 | IC AN78M12-LB |
| | OR 409 026 9507 | IC L78M12-RA |
| | OR 410 000 2308 | IC TA78M12P(LB106) |
| IC701 | 410 066 2106 | IC M34300N4-6225P ㊦ |
| IC710 | 409 019 6209 | IC LA7910 |
| IC791 | 409 013 0104 | IC HZT33 |
| | OR 409 026 8005 | IC L5630 |
| | OR 409 057 5103 | IC UPC574J |
| IC801 | 409 020 8704 | IC LC4066B |
| | OR 409 030 5809 | IC MC14066B |
| | OR 409 207 1900 | IC MLC4066B |

| Ref. No. | Part No. | Description |
|-------------------|-----------------|------------------------|
| | OR 409 051 3501 | IC TC4066BP |
| | OR 409 059 2605 | IC UPD4066BC |
| CAPACITORS | | |
| C100 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C101 | 403 043 9106 | ELECT 47U H 16V |
| C102 | 403 046 9905 | ELECT 4.7U H 25V |
| C103 | 403 046 9905 | ELECT 4.7U H 25V |
| C104 | 403 046 9905 | ELECT 4.7U H 25V |
| C105 | 403 048 6308 | ELECT 0.47U H 50V |
| C106 | 403 030 5401 | CERAMIC 68P J 50V |
| C107 | 403 033 3602 | CERAMIC 82P J 50V |
| C108 | 403 030 5401 | CERAMIC 68P J 50V |
| C109 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C111 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C112 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C113 | 403 056 9506 | POLYESTER 0.01U J 50V |
| | OR 403 057 0205 | POLYESTER 0.01U J 50V |
| C114 | 403 049 9803 | ELECT 2.2U M 50V |
| C115 | 403 048 6308 | ELECT 0.47U H 50V |
| C116 | 403 059 5901 | POLYESTER 0.022U K 50V |
| | OR 403 059 6700 | POLYESTER 0.022U K 50V |
| C117 | 403 043 6006 | ELECT 330U M 16V |
| C121 | 403 028 1606 | CERAMIC 56P J 50V |
| C127 | 403 043 9106 | ELECT 47U M 16V |
| C131 | 403 009 3308 | CERAMIC 100P J 50V |
| C132 | 403 022 5907 | CERAMIC 33P J 50V |
| C133 | 403 069 0507 | CERAMIC 1000P K 50V |
| C134 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C135 | 403 062 0306 | POLYESTER 0.047U K 50V |
| | OR 403 062 1006 | POLYESTER 0.047U K 50V |
| C141 | 403 022 6300 | CERAMIC 33P J 50V |
| C144 | 403 017 7602 | CERAMIC 22P J 50V |
| C155 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C161 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C162 | 403 041 8804 | ELECT 10U M 16V |
| C163 | 403 041 8804 | ELECT 10U M 16V |
| C164 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C171 | 403 042 2405 | ELECT 100U M 16V |
| C172 | 403 049 0008 | ELECT 1U M 50V |
| C173 | 403 059 3600 | POLYESTER 2200P K 50V |
| | OR 403 059 4201 | POLYESTER 2200P K 50V |
| C180 | 403 057 2803 | POLYESTER 0.1U K 50V |
| | OR 403 057 3701 | POLYESTER 0.1U K 50V |
| C181 | 403 044 9501 | ELECT 100U M 25V |
| C182 | 403 041 8804 | ELECT 10U M 16V |
| C183 | 403 041 8804 | ELECT 10U M 16V |
| C184 | 403 057 7805 | MT-COMPO 0.47U J 50V |
| | OR 403 166 7706 | MT-POLYEST 0.47U J 63V |
| C185 | 403 047 5005 | ELECT 470U M 25V |
| C186 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C188 | 403 049 9803 | ELECT 2.2U M 50V |
| C193 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C201 | 403 041 8804 | ELECT 10U M 16V |
| C202 | 403 019 7709 | CERAMIC 27P J 50V |
| C203 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C211 | 403 049 9803 | ELECT 2.2U M 50V |
| C221 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C222 | 403 042 2405 | ELECT 100U M 16V |
| C231 | 403 085 7306 | NP-ELECT 10U M 25V |
| C232 | 403 048 6308 | ELECT 0.47U M 50V |
| C233 | 403 051 0607 | ELECT 4.7U M 50V |
| C235 | 403 011 3808 | CERAMIC 120P J 50V |
| C251 | 403 030 5401 | CERAMIC 68P J 50V |
| C252 | 403 026 1103 | CERAMIC 47P J 50V |
| C253 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C255 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C261 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C262 | 403 086 2607 | NP-ELECT 1U M 50V |
| C263 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C264 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C265 | 403 048 6308 | ELECT 0.47U M 50V |
| C271 | 403 057 0403 | POLYESTER 0.01U K 50V |
| | OR 403 057 1004 | POLYESTER 0.01U K 50V |

| Ref. No. | Part No. | Description |
|----------|-----------------|-------------------------|
| C272 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C282 | 403 013 1301 | CERAMIC 150P J 50V |
| C283 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C284 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C285 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C286 | 403 017 7701 | CERAMIC 22P J 50V |
| C290 | 403 044 1703 | ELECT 470U M 16V |
| C401 | 403 049 9803 | ELECT 2.2U M 50V |
| C402 | 403 071 2407 | CERAMIC 1800P K 50V |
| C411 | 403 069 0507 | CERAMIC 1000P K 50V |
| C421 | 403 042 2405 | ELECT 100U M 16V |
| C422 | 403 060 8205 | POLYESTER 0.033U K 50V |
| | OR 403 060 8809 | POLYESTER 0.033U K 50V |
| C423 | 403 051 0607 | ELECT 4.7U M 50V |
| C424 | 403 062 6902 | POLYESTER 0.056U K 50V |
| | OR 403 062 7404 | POLYESTER 0.056U K 50V |
| C425 | 403 048 6308 | ELECT 0.47U M 50V |
| C431 | 403 062 6902 | POLYESTER 0.056U K 50V |
| | OR 403 062 7404 | POLYESTER 0.056U K 50V |
| C432 | 403 075 7101 | CERAMIC 1000P K 500V |
| C433 | 403 076 3102 | CERAMIC 3900P K 500V |
| C434 | 403 054 0703 | ELECT 47U M 35V |
| △C435 | 404 030 6900 | MT-POLYPRO 6000P J 1.5K |
| | OR 404 030 7006 | MT-POLYPRO 6000P J 1.5K |
| △C436 | 403 165 7400 | CERAMIC 330P J 3K |
| | OR 403 078 3902 | CERAMIC 330P J 3K |
| C437 | 403 062 2201 | POLYESTER 0.47U K 50V |
| C441 | 403 082 7408 | POLYPRO 0.15U J 200V |
| C442 | 403 082 7408 | POLYPRO 0.15U J 200V |
| C443 | 403 055 3802 | ELECT 4.7U M 160V |
| C451 | 403 044 1703 | ELECT 470U M 16V |
| C452 | 403 053 3606 | ELECT 2200U M 35V |
| C453 | 403 071 5606 | CERAMIC 220P K 50V |
| C454 | 403 057 0403 | POLYESTER 0.01U K 50V |
| | OR 403 057 1004 | POLYESTER 0.01U K 50V |
| C455 | 403 091 9004 | TA-SOLID 1U K 25V |
| C456 | 403 052 7308 | ELECT 100U M 35V |
| C458 | 403 034 8804 | CERAMIC 10P D 500V |
| C459 | 403 064 1301 | POLYESTER 0.1U K 100V |
| C461 | 403 049 4204 | ELECT 10U M 50V |
| C462 | 403 045 1504 | ELECT 1000U M 25V |
| C463 | 403 064 6207 | POLYESTER 0.033U K 100V |
| △C502 | 403 067 2008 | MT-POLYEST 0.22U K 630V |
| C503 | 403 076 7100 | CERAMIC 1000P M 1K |
| C504 | 403 076 7100 | CERAMIC 1000P M 1K |
| C505 | 403 076 7100 | CERAMIC 1000P M 1K |
| C506 | 403 076 7100 | CERAMIC 1000P M 1K |
| C507 | 404 047 1806 | ELECT 100U M 400V |
| C513 | 403 061 8105 | POLYESTER 4700P K 50V |
| | OR 403 061 8808 | POLYESTER 4700P K 50V |
| C514 | 403 057 2803 | POLYESTER 0.1U K 50V |
| | OR 403 057 3701 | POLYESTER 0.1U K 50V |
| C515 | 403 058 2406 | POLYESTER 0.015U J 50V |
| | OR 403 058 3007 | POLYESTER 0.015U J 50V |
| C516 | 403 165 8407 | CERAMIC 680P K 2K |
| | OR 403 077 9103 | CERAMIC 680P K 2K |
| C517 | 403 058 3205 | POLYESTER 0.015U K 50V |
| | OR 403 058 3809 | POLYESTER 0.015U K 50V |
| C518 | 403 076 7100 | CERAMIC 1000P M 1K |
| △C531 | 404 008 3108 | CERAMIC 470P M 400V |
| △C532 | 404 008 3108 | CERAMIC 470P M 400V |
| C534 | 404 008 3108 | CERAMIC 470P M 400V |
| C551 | 403 165 8605 | CERAMIC 470P K 2K |
| | OR 403 077 7901 | CERAMIC 470P K 2K |
| C552 | 403 167 8603 | CERAMIC 220P K 2K |
| | OR 403 077 5105 | CERAMIC 220P K 2K |
| C554 | 403 165 6106 | CERAMIC 470P K 1K |
| | OR 403 077 0407 | CERAMIC 470P K 1K |
| C561 | 404 042 4703 | ELECT 220U M 160V |
| C562 | 403 055 8401 | ELECT 22U M 250V |
| C563 | 403 053 6904 | ELECT 330U M 35V |
| C564 | 403 045 1504 | ELECT 1000U M 25V |
| C565 | 403 047 5005 | ELECT 470U M 25V |
| C700 | 403 039 6508 | ELECT 100U M 10V |
| C701 | 403 039 6508 | ELECT 100U M 10V |

| Ref. No. | Part No. | Description |
|----------|-----------------|------------------------|
| C702 | 403 057 2803 | POLYESTER 0.1U K 50V |
| C704 | 403 043 9106 | ELECT 47U H 16V |
| C705 | 403 057 2803 | POLYESTER 0.1U K 50V |
| C708 | 403 068 9006 | CERAMIC 100P K 50V |
| C709 | 403 069 0507 | CERAMIC 1000P K 50V |
| C710 | 403 056 7106 | POLYESTER 1000P J 50V |
| | OR 403 056 7700 | POLYESTER 1000P J 50V |
| C711 | 403 072 7708 | CERAMIC 330P K 50V |
| C712 | 403 072 7708 | CERAMIC 330P K 50V |
| C713 | 403 072 7708 | CERAMIC 330P K 50V |
| C714 | 403 012 4002 | CERAMIC 15P J 50V |
| C715 | 403 017 7404 | CERAMIC 22P J 50V |
| C720 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C731 | 403 062 0306 | POLYESTER 0.047U K 50V |
| C741 | 403 069 8305 | CERAMIC 0.01U Z 50V |
| C760 | 403 049 0008 | ELECT 1U H 50V |
| C761 | 403 014 0309 | CERAMIC 18P J 50V |
| C762 | 403 041 8804 | ELECT 10U H 16V |
| C764 | 403 041 8804 | ELECT 10U H 16V |
| C766 | 403 041 8804 | ELECT 10U H 16V |
| C782 | 403 057 2803 | POLYESTER 0.1U K 50V |
| | OR 403 057 3701 | POLYESTER 0.1U K 50V |
| C783 | 403 057 2803 | POLYESTER 0.1U K 50V |
| | OR 403 057 3701 | POLYESTER 0.1U K 50V |
| C785 | 403 051 0607 | ELECT 4.7U H 50V |
| C789 | 403 071 1707 | CERAMIC 180P K 50V |
| C790 | 403 073 6403 | CERAMIC 470P K 50V |
| C801 | 403 043 9106 | ELECT 47U H 16V |
| C810 | 403 043 9106 | ELECT 47U H 16V |
| C821 | 403 049 0008 | ELECT 1U H 50V |

RESISTORS

| | | |
|-------|--------------|------------------------|
| R100 | 401 024 6700 | CARBON 100 JA 1/6W |
| R101 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| R102 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R103 | 401 024 7004 | CARBON 1K JA 1/6W |
| R104 | 401 025 7409 | CARBON 220 JA 1/6W |
| R105 | 401 026 9303 | CARBON 47 JA 1/6W |
| R106 | 401 024 7004 | CARBON 1K JA 1/6W |
| R107 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R108 | 401 027 0309 | CARBON 47K JA 1/6W |
| R109 | 401 024 7707 | CARBON 100K JA 1/6W |
| R110 | 401 017 0807 | CARBON 270 JA 1/4W |
| R113 | 401 058 2501 | OXIDE-HT 100 JA 1W |
| R120 | 401 026 9600 | CARBON 470 JA 1/6W |
| R122 | 401 024 7004 | CARBON 1K JA 1/6W |
| R123 | 401 025 3807 | CARBON 180 JA 1/6W |
| R124 | 401 024 7004 | CARBON 1K JA 1/6W |
| R134 | 401 022 1905 | CARBON 680 JA 1/4W |
| R137 | 401 026 1604 | CARBON 270K JA 1/6W |
| R138 | 401 026 1604 | CARBON 270K JA 1/6W |
| R139 | 401 025 8703 | CARBON 220K JA 1/6W |
| R140 | 401 024 7004 | CARBON 1K JA 1/6W |
| R155 | 401 024 7400 | CARBON 10K JA 1/6W |
| R156 | 401 024 7004 | CARBON 1K JA 1/6W |
| R157 | 401 027 0309 | CARBON 47K JA 1/6W |
| R161 | 401 027 8305 | CARBON 820 JA 1/6W |
| R162 | 401 027 0309 | CARBON 47K JA 1/6W |
| R163 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R164 | 401 025 1902 | CARBON 15K JA 1/6W |
| △R171 | 402 002 1601 | FUSIBLE RES 33 J- 1/2W |
| R175 | 401 024 9701 | CARBON 12K JA 1/6W |
| R183 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| R184 | 401 026 4605 | CARBON 33K JA 1/6W |
| R185 | 401 024 6007 | CARBON 1.5 JA 1/6W |
| R191 | 401 007 7601 | CARBON 150 JA 1/2W |
| R192 | 401 007 7601 | CARBON 150 JA 1/2W |
| R200 | 401 024 7400 | CARBON 10K JA 1/6W |
| R201 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R202 | 401 026 4308 | CARBON 3.3K JA 1/6W |
| R203 | 401 026 9600 | CARBON 470 JA 1/6W |
| R204 | 401 026 4308 | CARBON 3.3K JA 1/6W |
| R212 | 401 026 4605 | CARBON 33K JA 1/6W |
| R214 | 401 027 5908 | CARBON 68K JA 1/6W |

| Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|
| R217 | 401 024 7400 | CARBON 10K JA 1/6W |
| R231 | 401 014 6109 | CARBON 150K JA 1/4W |
| R232 | 401 024 7004 | CARBON 1K JA 1/6W |
| R233 | 401 000 7509 | SOLID 1.5K KA 1/2W |
| R235 | 401 024 7400 | CARBON 10K JA 1/6W |
| R241 | 401 024 6700 | CARBON 100 JA 1/6W |
| R242 | 401 009 5803 | CARBON 330 JA 1/2W |
| R244 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R246 | 401 026 0409 | CARBON 27 JA 1/6W |
| R251 | 401 024 9305 | CARBON 1.2K JA 1/6W |
| R255 | 401 024 7004 | CARBON 1K JA 1/6W |
| R256 | 401 025 8208 | CARBON 22K JA 1/6W |
| R261 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R262 | 401 024 9701 | CARBON 12K JA 1/6W |
| R263 | 401 025 8703 | CARBON 220K JA 1/6W |
| R264 | 401 026 7606 | CARBON 390K JA 1/6W |
| R281 | 401 026 6609 | CARBON 390 JA 1/6W |
| R283 | 401 027 5205 | CARBON 680 JA 1/6W |
| R284 | 401 027 5205 | CARBON 680 JA 1/6W |
| R401 | 401 027 9005 | CARBON 82K JA 1/6W |
| R402 | 401 026 0607 | CARBON 270 JA 1/6W |
| R411 | 401 024 7004 | CARBON 1K JA 1/6W |
| R412 | 401 009 1508 | CARBON 2.7K JA 1/2W |
| R420 | 401 007 4709 | CARBON 1.2K JA 1/2W |
| R421 | 401 024 7004 | CARBON 1K JA 1/6W |
| R422 | 401 025 4903 | CARBON 180K JA 1/6W |
| R431 | 401 026 3905 | CARBON 330 JA 1/6W |
| R432 | 401 024 7004 | CARBON 1K JA 1/6W |
| R433 | 401 007 1104 | CARBON 1K JA 1/2W |
| R434 | 401 067 0000 | OXIDE-HT 270 JA 2W |
| R435 | 402 055 4307 | WIRE WOUND 10 KA 5W |
| R441 | 401 007 1203 | CARBON 1K JB 1/2W |
| R442 | 401 025 8703 | CARBON 220K JA 1/6W |
| R450 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| △R451 | 402 002 0307 | FUSIBLE RES 15 J- 1/2W |
| R452 | 401 026 1307 | CARBON 27K JA 1/6W |
| R453 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R454 | 401 027 5908 | CARBON 68K JA 1/6W |
| R455 | 401 026 1307 | CARBON 27K JA 1/6W |
| R456 | 401 024 7004 | CARBON 1K JA 1/6W |
| R457 | 401 026 8108 | CARBON 4.7 JA 1/6W |
| R461 | 401 026 7002 | CARBON 3.9K JA 1/6W |
| R462 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R463 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R464 | 401 026 6609 | CARBON 390 JA 1/6W |
| R465 | 401 006 8807 | CARBON 1.8 JA 1/2W |
| R467 | 401 058 3706 | OXIDE-HT 1K JA 1W |
| R468 | 401 009 5803 | CARBON 330 JA 1/2W |
| R481 | 401 057 6807 | OXIDE-HT 0.68 JA 1W |
| △R501 | 401 008 8607 | CARBON 220K JA 1/2W |
| R502 | 402 057 8204 | WIRE WOUND 3.9 KA 5W |
| R511 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R515 | 401 025 8208 | CARBON 22K JA 1/6W |
| R517 | 401 024 7004 | CARBON 1K JA 1/6W |
| R519 | 401 016 1508 | CARBON 22 JA 1/4W |
| R520 | 401 000 5901 | SOLID 120K KA 1/2W |
| R521 | 401 000 5901 | SOLID 120K KA 1/2W |
| R522 | 401 014 5201 | CARBON 15K JA 1/4W |
| R523 | 401 026 4308 | CARBON 3.3K JA 1/6W |
| R524 | 401 069 1708 | OXIDE-HT 68 JA 2W |
| R525 | 401 069 1708 | OXIDE-HT 68 JA 2W |
| R526 | 401 017 1507 | CARBON 2.7K GA 1/4W |
| △R531 | 402 000 8305 | SOLID 5.6M KA 1/2W |
| △R532 | 402 000 8305 | SOLID 5.6M KA 1/2W |
| △R550 | 402 051 8705 | FUSIBLE RES 4.7 J- 1/2W |
| R551 | 401 066 8007 | OXIDE-HT 22K JA 2W |
| R552 | 401 012 8105 | CARBON 100K JA 1/4W |
| R553 | 401 020 2003 | CARBON 4.7K JA 1/4W |
| R554 | 401 014 6109 | CARBON 150K JA 1/4W |
| R555 | 401 010 4307 | CARBON 47K JA 1/2W |
| R556 | 401 025 8208 | CARBON 22K JA 1/6W |
| R558 | 401 007 5805 | CARBON 120K JA 1/2W |
| R560 | 401 059 3903 | OXIDE-HT 1.5K JA 1W |
| △R562 | 402 058 9705 | FUSIBLE RES 6.8 J- 2W |
| R563 | 401 069 6208 | OXIDE-HT 82 JA 2W |

| Ref. No. | Part No. | Description |
|----------|--------------|-----------------------|
| △R569 | 402 037 1805 | FUSIBLE RES 4.7 J- 1W |
| R700 | 401 026 3905 | CARBON 330 JA 1/6W |
| R701 | 401 066 0506 | OXIDE-MT 180 JA 2W |
| R702 | 401 024 7400 | CARBON 10K JA 1/6W |
| R703 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R704 | 401 024 7400 | CARBON 10K JA 1/6W |
| R705 | 401 027 5908 | CARBON 68K JA 1/6W |
| R706 | 401 027 5908 | CARBON 68K JA 1/6W |
| R707 | 401 027 0309 | CARBON 47K JA 1/6W |
| R708 | 401 024 7400 | CARBON 10K JA 1/6W |
| R709 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R713 | 401 024 7400 | CARBON 10K JA 1/6W |
| R714 | 401 024 7400 | CARBON 10K JA 1/6W |
| R715 | 401 019 1901 | CARBON 3.9K JA 1/4W |
| R721 | 401 025 1605 | CARBON 1.5K JA 1/6W |
| R722 | 401 027 8602 | CARBON 8.2K JA 1/6W |
| R723 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R724 | 401 026 9600 | CARBON 470 JA 1/6W |
| R733 | 401 025 8208 | CARBON 22K JA 1/6W |
| R734 | 401 027 0309 | CARBON 47K JA 1/6W |
| R735 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R736 | 401 025 8208 | CARBON 22K JA 1/6W |
| R737 | 401 024 7400 | CARBON 10K JA 1/6W |
| R738 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R739 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R741 | 401 024 7400 | CARBON 10K JA 1/6W |
| R742 | 401 026 4605 | CARBON 33K JA 1/6W |
| R743 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R744 | 401 024 7004 | CARBON 1K JA 1/6W |
| R745 | 401 024 9008 | CARBON 120 JA 1/6W |
| R746 | 401 024 9305 | CARBON 1.2K JA 1/6W |
| R747 | 401 024 7004 | CARBON 1K JA 1/6W |
| R748 | 401 026 3905 | CARBON 330 JA 1/6W |
| R758 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R759 | 401 025 8208 | CARBON 22K JA 1/6W |
| R761 | 401 024 6700 | CARBON 100 JA 1/6W |
| R762 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R763 | 401 027 0309 | CARBON 47K JA 1/6W |
| R764 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R765 | 401 027 2303 | CARBON 560 JA 1/6W |
| R766 | 401 027 2303 | CARBON 560 JA 1/6W |
| R767 | 401 025 7805 | CARBON 2.2K JA 1/6W |
| R768 | 401 025 4606 | CARBON 18K JA 1/6W |
| R769 | 401 026 7408 | CARBON 39K JA 1/6W |
| R770 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R771 | 401 025 8208 | CARBON 22K JA 1/6W |
| R772 | 401 026 7408 | CARBON 39K JA 1/6W |
| R773 | 401 025 4200 | CARBON 1.8K JA 1/6W |
| R774 | 401 025 4606 | CARBON 18K JA 1/6W |
| R775 | 401 026 1307 | CARBON 27K JA 1/6W |
| R776 | 401 025 4606 | CARBON 18K JA 1/6W |
| R778 | 401 026 9907 | CARBON 4.7K JA 1/6W |
| R779 | 401 026 7408 | CARBON 39K JA 1/6W |
| R785 | 401 025 8208 | CARBON 22K JA 1/6W |
| R786 | 401 025 8208 | CARBON 22K JA 1/6W |
| R787 | 401 025 8208 | CARBON 22K JA 1/6W |
| R788 | 401 025 8208 | CARBON 22K JA 1/6W |
| R789 | 401 026 1307 | CARBON 27K JA 1/6W |
| R790 | 401 026 4605 | CARBON 33K JA 1/6W |
| R791 | 401 025 8208 | CARBON 22K JA 1/6W |
| R793 | 401 025 8208 | CARBON 22K JA 1/6W |
| R795 | 401 064 9907 | OXIDE-MT 10K JA 2W |
| R796 | 401 026 9600 | CARBON 470 JA 1/6W |
| R801 | 401 023 0709 | CARBON 82 JA 1/4W |
| R802 | 401 024 6700 | CARBON 100 JA 1/6W |
| R806 | 401 027 8602 | CARBON 8.2K JA 1/6W |
| R807 | 401 027 5502 | CARBON 6.8K JA 1/6W |
| R808 | 401 024 7004 | CARBON 1K JA 1/6W |
| R810 | 401 025 8208 | CARBON 22K JA 1/6W |
| R811 | 401 027 2600 | CARBON 5.6K JA 1/6W |
| R812 | 401 024 6700 | CARBON 100 JA 1/6W |
| R821 | 401 024 7707 | CARBON 100K JA 1/6W |
| R822 | 401 024 7004 | CARBON 1K JA 1/6W |

VARIABLE RESISTORS

| Ref. No. | Part No. | Description |
|----------|-----------------|--------------------------|
| VR101 | 610 019 3901 | VARIABLE RESISTOR B-10K |
| | OR 610 019 3413 | VR B-10K |
| VR121 | 610 019 3864 | VARIABLE RESISTOR B-1K |
| | OR 610 019 3338 | VR B-1K |
| VR211 | 610 019 3932 | VARIABLE RESISTOR B-50K |
| VR281 | 610 019 3864 | VARIABLE RESISTOR B-1K |
| VR411 | 610 019 3918 | VARIABLE RESISTOR B-20K |
| | OR 610 019 3451 | VR B-20K |
| VR451 | 610 019 3949 | VARIABLE RESISTOR B-100K |
| | OR 610 019 3512 | VR B-100K |
| VR551 | 610 019 3871 | VARIABLE RESISTOR B-2K |
| | OR 610 019 3352 | VR B-2K |
| VR710 | 610 019 3888 | VARIABLE RESISTOR B-3K |

TRANSFORMERS

| | | |
|-------|-----------------|-----------------|
| T101 | 610 037 5727 | S TRANS |
| T103 | 610 037 7646 | S TRANS |
| T121 | 610 037 4522 | S COIL |
| T131 | 610 037 6557 | S TRANS |
| | OR 610 037 6564 | S TRANS |
| T281 | 610 037 7028 | S TRANS |
| T431 | 610 000 1060 | DRIVE TRANS |
| | OR 610 000 1053 | DRIVE TRANS |
| △T471 | 610 207 8022 | FBT |
| △T511 | 610 221 0026 | CONVERTER TRANS |

COILS

| | | |
|-------|-----------------|----------------------|
| L121 | 610 031 3958 | PEAKING COIL |
| L131 | 610 031 3958 | PEAKING COIL |
| L141 | 610 031 3958 | PEAKING COIL |
| L161 | 610 031 3958 | PEAKING COIL |
| L201 | 610 030 0903 | DELAY LINE |
| L211 | 610 037 4546 | S COIL |
| L221 | 610 029 5926 | PEAKING COIL 10UH K |
| | OR 610 210 3366 | PEAKING COIL 10UHK |
| | OR 610 029 8125 | PEAKING COIL 10UH K |
| L251 | 610 031 4177 | PEAKING COIL |
| L281 | 610 031 4290 | PEAKING COIL 8.2UH K |
| L282 | 610 032 6699 | 1H DELAYLINE |
| | OR 610 032 6705 | 1H DELAYLINE |
| L283 | 610 031 4603 | PEAKING COIL |
| L431 | 610 078 4635 | PIPECORE |
| L432 | 610 078 4635 | PIPECORE |
| L433 | 610 078 9937 | BEAD CORE |
| L441 | 610 000 0582 | LINEARITY COIL |
| | OR 610 000 0599 | LINEARITY COIL |
| L451 | 610 031 3156 | PEAKING COIL |
| | OR 610 210 3809 | PEAKING COIL 18UHK |
| △L502 | 610 031 5945 | LINE FILTER |
| | OR 610 031 5969 | LINE FILTER |
| | OR 610 213 9563 | LINE FILTER |
| L503 | 610 031 5952 | LINE FILTER |
| L511 | 610 031 1589 | INDUCTOR |
| L561 | 610 078 4635 | PIPECORE |
| L700 | 610 029 5926 | PEAKING COIL 10UH K |
| | OR 610 210 3366 | PEAKING COIL 10UHK |
| | OR 610 029 8125 | PEAKING COIL 10UH K |
| L701 | 610 031 4504 | PEAKING COIL |
| L711 | 610 078 4635 | PIPECORE |
| L781 | 610 031 3873 | PEAKING COIL 10UHK |

DIODES

| | | |
|------|-----------------|-----------------------|
| D110 | 407 048 5606 | ZENER DIODE EQA02-10A |
| D231 | 407 005 4505 | DIODE DS442X |
| | OR 407 013 1008 | DIODE 1S1553 |
| | OR 407 013 4306 | DIODE 1S2076A |
| | OR 407 013 6508 | DIODE 1S2471 |
| D241 | 407 075 9905 | ZENER DIODE EQA03-11A |
| D242 | 407 005 4208 | DIODE DS442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |

| Ref. No. | Part No. | Description |
|----------|-----------------|--------------------------|
| D243 | OR 407 013 7109 | DIODE 1S2473 |
| | 407 005 4208 | DIODE D5442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| D255 | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| | 407 005 4208 | DIODE D5442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| D411 | OR 407 013 7109 | DIODE 1S2473 |
| | 407 048 5606 | ZENER DIODE EQA02-10A |
| D441 | OR 407 048 5804 | ZENER DIODE EQA02-10B |
| | 407 006 6300 | DIODE ERC05-10B |
| D451 | OR 407 009 6901 | DIODE RH11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| | 408 009 9008 | DIODE BYD33D |
| | OR 407 005 7308 | DIODE EM01Z |
| D452 | OR 407 006 1008 | DIODE ERB12-02RK |
| | 408 009 9305 | DIODE BYD33G |
| | OR 407 007 7801 | DIODE EU2Z |
| | OR 407 013 1909 | DIODE 1S1834 |
| D454 | 407 118 2207 | ZENER DIODE 1Z75 |
| D503 | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RH11C |
| D504 | OR 407 064 6908 | DIODE TVR4N(X) |
| | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RH11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| D505 | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RH11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| | 407 006 6300 | DIODE ERC05-10B |
| D506 | OR 407 009 6901 | DIODE RH11C |
| | OR 407 064 6908 | DIODE TVR4N(X) |
| | 407 006 6300 | DIODE ERC05-10B |
| | OR 407 009 6901 | DIODE RH11C |
| D514 | OR 407 064 6908 | DIODE TVR4N(X) |
| | 407 005 4505 | DIODE D5442X |
| | OR 407 013 1008 | DIODE 1S1553 |
| | OR 407 013 4306 | DIODE 1S2076A |
| D515 | OR 407 013 6508 | DIODE 1S2471 |
| | 407 104 2204 | PHOTO COUPLE PC817B |
| | OR 407 104 2402 | PHOTO COUPLE PC817C |
| | OR 407 002 9602 | PHOTO COUPLE TLP621-1-GB |
| D516 | 407 005 4505 | DIODE D5442X |
| | OR 407 013 1008 | DIODE 1S1553 |
| | OR 407 013 4306 | DIODE 1S2076A |
| | OR 407 013 6508 | DIODE 1S2471 |
| D517 | 408 009 9008 | DIODE BYD33D |
| | OR 407 007 6606 | DIODE ES1 |
| | OR 407 007 6903 | DIODE ES1Z |
| | 407 005 4505 | DIODE D5442X |
| D518 | OR 407 013 1008 | DIODE 1S1553 |
| | OR 407 013 4306 | DIODE 1S2076A |
| | OR 407 013 6508 | DIODE 1S2471 |
| | 407 048 4005 | ZENER DIODE EQA02-08A |
| D519 | OR 407 048 4203 | ZENER DIODE EQA02-08B |
| | 408 009 9206 | DIODE BYD33J |
| D551 | OR 407 007 7702 | DIODE EU2A |
| | OR 407 064 7004 | DIODE 1S1835 |
| D552 | 407 007 7504 | DIODE EU1C |
| | 408 009 9305 | DIODE BYD33G |
| D553 | OR 407 007 6606 | DIODE ES1 |
| | OR 407 013 1909 | DIODE 1S1834 |
| D554 | 408 009 9305 | DIODE BYD33G |
| | OR 407 007 7801 | DIODE EU2Z |
| | OR 407 013 1909 | DIODE 1S1834 |
| | 408 009 9305 | DIODE BYD33G |
| D555 | OR 407 007 6606 | DIODE ES1 |
| | OR 407 013 1909 | DIODE 1S1834 |
| | 407 048 2407 | ZENER DIODE EQA02-06E |
| | OR 407 048 2605 | ZENER DIODE EQA02-06F |
| D701 | 407 048 1103 | ZENER DIODE EQA02-05D |
| | OR 407 048 1202 | ZENER DIODE EQA02-05E |
| D702 | 407 005 4208 | DIODE D5442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |

| Ref. No. | Part No. | Description |
|----------|-----------------|---------------------|
| D704 | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| | 408 009 3808 | LED SLC-26VRSF |
| | OR 407 029 1207 | LED SLP-177B-60 |
| D711 | 407 005 4208 | DIODE D5442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| | 407 005 4208 | DIODE D5442S2 |
| D712 | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| D721 | 407 055 7907 | ZENER DIODE RD3.6EL |
| | 407 005 4208 | DIODE D5442S2 |
| D731 | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| D741 | 407 005 4208 | DIODE D5442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| D781 | OR 407 013 7109 | DIODE 1S2473 |
| | 407 005 4208 | DIODE D5442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| D801 | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| | 407 005 4208 | DIODE D5442S2 |
| | OR 408 008 2406 | DIODE 1N4148 |
| | OR 407 013 1206 | DIODE 1S1555 |
| | OR 407 013 4207 | DIODE 1S2076 |
| | OR 407 013 7109 | DIODE 1S2473 |
| | OR 407 013 1206 | DIODE 1S1555 |

MISCELLANEOUS

| | | |
|---------|-----------------|---------------------------|
| F501-A1 | 610 012 4356 | FUSE CLIP |
| | OR 610 212 8543 | FUSE CLIP |
| F501-A2 | 610 012 4356 | FUSE CLIP |
| | OR 610 212 8543 | FUSE CLIP |
| TH710 | 407 015 0405 | THERMISTOR SDT-35-CTV |
| A101 | 610 222 5471 | UV VARACTOR TUNER |
| D704A | 610 222 0322 | LED HOLDER-G2CA-A |
| △F501 | 423 006 4801 | FUSE 250V 2.5A |
| | OR 423 006 4702 | FUSE 250V 2.5A |
| IC171-1 | 610 215 3149 | AUDIO HEATSINK-E2KA |
| IC171-2 | 411 075 9001 | SCR TPG BRZ 3X6 |
| IC451-1 | 411 036 3208 | SCR PAN+SW+W 3X10 |
| IC451-2 | 411 054 7103 | NUT HEX 3 |
| IC451-3 | 610 077 7781 | SILICON GREASE |
| IC551-1 | 610 219 1189 | HEAT SINK-E2HV |
| KDY1P | 610 014 3364 | H/C TERMINAL PLUG |
| KDY2P | 610 014 3364 | H/C TERMINAL PLUG |
| KDY3P | 610 014 3364 | H/C TERMINAL PLUG |
| KDY4P | 610 014 3364 | H/C TERMINAL PLUG |
| KE1P | 610 014 3364 | H/C TERMINAL PLUG |
| KE2P | 610 014 3364 | H/C TERMINAL PLUG |
| KP | 610 012 3380 | WIRE HOLDER 6P |
| KQ | 610 012 3342 | WIRE HOLDER 4P |
| KSCP | 610 014 3364 | H/C TERMINAL PLUG |
| KW | 610 010 7960 | HOUSING PLUG 2P |
| K171 | 610 212 6334 | PHONE JACK |
| K801 | 610 010 8820 | RCA JACK 1P |
| K821 | 610 010 8813 | RCA JACK 1P |
| P5501 | 408 000 8906 | TH PTH451A138G180M270 |
| | OR 408 003 6805 | THERMISTOR 902P44E180MR14 |
| Q432-1 | 610 215 2982 | H-V HEAT SINK-E2KA |
| Q432-3 | 411 045 2803 | SCR PAN+SW 3X12 |
| Q432-4 | 411 054 7103 | NUT HEX 3 |
| Q432-5 | 610 077 7781 | SILICON GREASE |
| Q432-6 | 610 130 5549 | WIRE HOLDER D13-AWZ |
| Q432-7 | 412 031 0605 | SPECIAL SCREW |
| Q513-1 | 610 215 2975 | POWER HEAT SINK-E2KA |

| Ref. No. | Part No. | Description |
|----------|-----------------|---------------------|
| Q513-3 | 411 045 2803 | SCR PAN+SW 3X12 |
| Q513-4 | 411 054 7103 | NUT HEX 3 |
| Q513-5 | 610 077 7781 | SILICON GREASE |
| Q513-6 | 610 130 5549 | WIRE HOLDER D13-AWZ |
| Q513-7 | 412 031 0605 | SPECIAL SCREW |
| SW251 | 610 011 2728 | LEVER SWITCH |
| SW451 | 610 011 2728 | LEVER SWITCH |
| △SW501 | 610 218 9162 | PUSH SWITCH |
| SW701 | 610 011 2698 | PUSH SWITCH |
| SW702 | 610 011 2698 | PUSH SWITCH |
| SW703 | 610 011 2698 | PUSH SWITCH |
| SW704 | 610 011 2698 | PUSH SWITCH |
| SW705-10 | 610 011 4463 | PUSH SWITCH |
| SW712 | 610 011 4432 | PUSH SWITCH |
| SW713 | 610 011 4432 | PUSH SWITCH |
| TP-A | 610 014 3364 | H/C TERMINAL PLUG |
| TP-D1-2 | 610 010 7960 | HOUSING PLUG 2P |
| TP-F | 610 014 3364 | H/C TERMINAL PLUG |
| TP-G | 610 014 3364 | H/C TERMINAL PLUG |
| TP-H | 610 014 3364 | H/C TERMINAL PLUG |
| TP-3E | 610 014 3364 | H/C TERMINAL PLUG |
| T511 | 610 221 0026 | CONVERTER TRANS |
| X101 | 421 003 0109 | SAW F TSF1316L |
| X121 | 610 015 2854 | CERAMIC FILTER |
| X143 | 610 015 2878 | CERAMIC FILTER |
| X161 | 610 216 7245 | CERAMIC FILTER |
| X201 | 610 012 0495 | CRYSTAL OSCILLATOR |
| | OR 610 012 0501 | CRYSTAL OSCILLATOR |
| | OR 610 204 4188 | CRYSTAL OSCILLATOR |
| | OR 610 012 0525 | CRYSTAL OSCILLATOR |
| X251 | 610 012 2222 | CERAMIC TRAP |
| X421 | 610 216 6149 | CERAMIC OSCILLATOR |
| X701 | 610 012 2857 | CERAMIC OSCILLATOR |
| | OR 610 212 8765 | CERAMIC OSCILLATOR |

610 220 1420 UE2152 CRT Unit E2KS

TRANSISTORS

| | | |
|------|-----------------|-----------------|
| Q601 | 405 041 6507 | TR 25C2621-D-RA |
| | OR 405 041 6705 | TR 25C2621-E-RA |
| | OR 405 066 9903 | TR 25C2688(1)-K |
| | OR 405 067 0008 | TR 25C2688(1)-L |
| | OR 405 067 0107 | TR 25C2688(1)-H |
| Q611 | 405 041 6507 | TR 25C2621-D-RA |
| | OR 405 041 6705 | TR 25C2621-E-RA |
| | OR 405 066 9903 | TR 25C2688(1)-K |
| | OR 405 067 0008 | TR 25C2688(1)-L |
| | OR 405 067 0107 | TR 25C2688(1)-H |
| Q621 | 405 041 6507 | TR 25C2621-D-RA |
| | OR 405 041 6705 | TR 25C2621-E-RA |
| | OR 405 066 9903 | TR 25C2688(1)-K |
| | OR 405 067 0008 | TR 25C2688(1)-L |
| | OR 405 067 0107 | TR 25C2688(1)-H |
| Q641 | 405 041 6507 | TR 25C2621-D-RA |
| | OR 405 041 6705 | TR 25C2621-E-RA |
| | OR 405 066 9903 | TR 25C2688(1)-K |
| | OR 405 067 0008 | TR 25C2688(1)-L |
| | OR 405 067 0107 | TR 25C2688(1)-H |

CAPACITORS

| | | | | |
|------|--------------|---------|---------|-----|
| C601 | 403 071 5606 | CERAMIC | 220P K | 50V |
| C602 | 403 074 8901 | CERAMIC | 680P K | 50V |
| C611 | 403 071 5606 | CERAMIC | 220P K | 50V |
| C612 | 403 074 8901 | CERAMIC | 680P K | 50V |
| C621 | 403 071 5606 | CERAMIC | 220P K | 50V |
| C622 | 403 075 4209 | CERAMIC | 820P K | 50V |
| C631 | 403 077 2708 | CERAMIC | 1000P P | 2K |
| C642 | 403 024 0009 | CERAMIC | 39P J | 50V |

RESISTORS

| | | | | |
|------|--------------|----------|--------|----|
| R601 | 401 065 4604 | OXIDE-HT | 12K JA | 2W |
|------|--------------|----------|--------|----|

| Ref. No. | Part No. | Description |
|----------|--------------|--------------------|
| R602 | 401 002 0102 | SOLID 3.3K KA 1/2W |
| R603 | 401 014 2903 | CARBON 150 JA 1/4W |
| R611 | 401 065 4604 | OXIDE-HT 12K JA 2W |
| R612 | 401 002 0102 | SOLID 3.3K KA 1/2W |
| R613 | 401 014 2903 | CARBON 150 JA 1/4W |
| R621 | 401 065 4604 | OXIDE-HT 12K JA 2W |
| R622 | 401 002 0102 | SOLID 3.3K KA 1/2W |
| R623 | 401 014 2903 | CARBON 150 JA 1/4W |
| R624 | 401 016 2604 | CARBON 220 JA 1/4W |
| R631 | 401 001 7607 | SOLID 270K KA 1/2W |
| R632 | 401 018 1605 | CARBON 33 JA 1/4W |
| R642 | 401 022 1905 | CARBON 680 JA 1/4W |

VARIABLE RESISTORS

| | | |
|-------|--------------|-------------------|
| VR601 | 610 019 0825 | VARIABLE RESISTOR |
| VR602 | 610 019 0818 | VARIABLE RESISTOR |
| VR611 | 610 019 0825 | VARIABLE RESISTOR |
| VR612 | 610 019 0818 | VARIABLE RESISTOR |
| VR621 | 610 019 0825 | VARIABLE RESISTOR |

MISCELLANEOUS

| | | |
|-------|--------------|-------------------|
| KTP6A | 610 014 3364 | H/C TERMINAL PLUG |
| KTP6B | 610 014 3364 | H/C TERMINAL PLUG |
| KTP6E | 610 014 3364 | H/C TERMINAL PLUG |
| K6M | 610 014 3364 | H/C TERMINAL PLUG |
| K601 | 610 010 3634 | CRT SOCKET |

(OUT OF CIRCUIT BOARDS)

PICTURE TUBE

| | | |
|-------|--------------|------------------|
| △Q901 | 414 006 4809 | CRT A48JSK61X(R) |
|-------|--------------|------------------|

COILS

| | | |
|--------|-----------------|-----------------|
| △L901 | 610 223 4640 | DEGAUSSING COIL |
| | OR 610 223 4657 | DEGAUSSING COIL |
| | OR 610 223 5500 | DEGAUSSING COIL |
| △L902 | 610 221 4451 | DEFLECTION YOKE |
| L902-1 | 610 223 3827 | MAGNET |

MISCELLANEOUS

| | | |
|---------|-----------------|--------------------------|
| KF05 | 610 155 9720 | LEAD HOLDER-SMA |
| KF051 | 610 212 6341 | TERMINAL SOCKET |
| KSCS | 610 013 9442 | MINI CONNECTOR 1P-SOCKET |
| KSCS1 | 610 013 9404 | H/C TERMINAL SOCKET |
| KWS | 610 010 8059 | HOUSING 2P |
| KWS1 | 610 010 8141 | TERMINAL SOCKET |
| KWS2 | 610 010 8141 | TERMINAL SOCKET |
| K6P5 | 610 012 3380 | WIRE HOLDER 6P |
| K6Q5 | 610 012 3342 | WIRE HOLDER 4P |
| NO.1 | 610 013 9404 | H/C TERMINAL SOCKET |
| NO.2 | 610 013 9442 | MINI CONNECTOR 1P-SOCKET |
| Q901-1 | 610 003 1739 | CG PURITY MAGNET |
| | OR 610 003 1708 | CG PURITY MAGNET |
| Q901-2A | 610 117 0154 | DY SPACER-D4AK |
| | OR 610 116 5075 | DY SPACER-B2ME |
| Q901-2B | 610 117 0154 | DY SPACER-D4AK |
| | OR 610 116 5075 | DY SPACER-B2ME |
| Q901-2C | 610 117 0154 | DY SPACER-D4AK |
| | OR 610 116 5075 | DY SPACER-B2ME |
| SP901 | 610 055 6492 | SPEAKER |
| | OR 610 218 1784 | SPEAKER |
| △W901 | 610 011 7952 | AC CORD |
| | OR 610 011 9697 | AC CORD |
| W902 | 610 210 5520 | GROUNDING CONNECTOR |
| Z1 | 610 082 4966 | GROUNDING SPRING-BGAP |

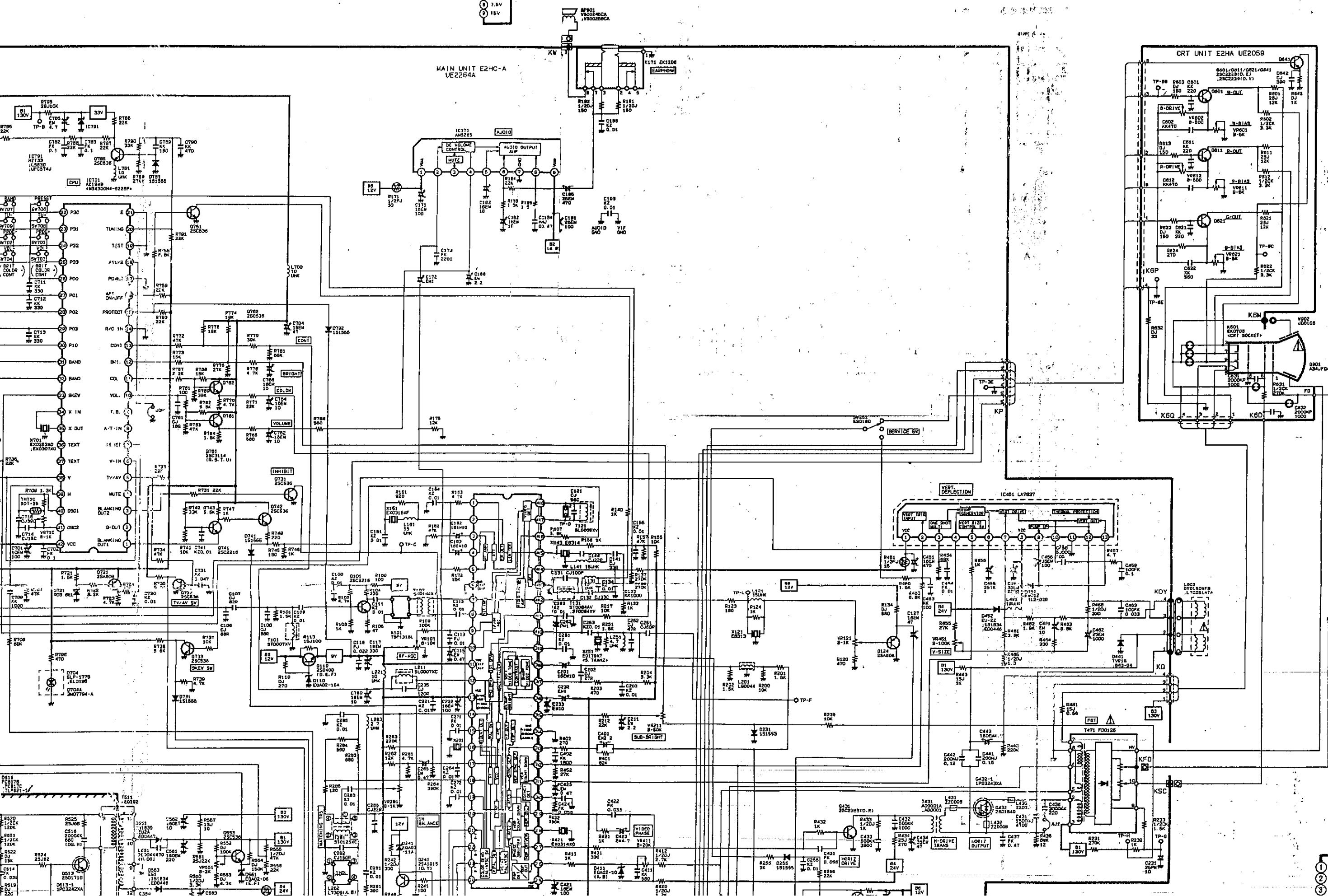
SANYO

SANYO Electric Co., Ltd.
Printed in Japan

| Q731 | Q732 | Q733 | Q741 | Q742 | Q751 | Q785 | Q792 |
|---------|---------|---------|---------|---------|---------|--------|-------|
| VOLT. | VOLT. | VOLT. | VOLT. | VOLT. | VOLT. | VOLT. | VOLT. |
| B 0.03V | B 0.7V | B 0.7V | B 0.15V | B 0.17V | B 0.03V | B 0.5V | B 0V |
| C 7V | C 0.06V | C 0.03V | C 0.1V | C 12V | C 7.2V | C 4.6V | C 11V |
| E 0V | E 0V | E JV | E 0.9V | E 12V | E 0V | E 0V | E 0V |

| Q181 | Q761 | Q762 |
|--------|---------|--------|
| VOLT. | VOLT. | VOLT. |
| B 0.7V | B 0.4V | B 8.6V |
| C 0.1V | C 12V | C 12V |
| E 0V | E 0.05V | E 8V |

| Q641 |
|-------|
| VOLT. |
| B 0V |
| C 97V |
| E 0V |



| Q601 |
|--------|
| VOLT. |
| B 6.6V |
| C 94V |
| E 6.4V |

| Q611 |
|--------|
| VOLT. |
| B 6.6V |
| C 98V |
| E 6.4V |

| Q621 |
|--------|
| VOLT. |
| B 6.8V |
| C 97V |
| E 6.4V |

| IC101 |
|--------|
| 1 3.6V |
| 2 6V |
| 3 4.6V |
| 4 5V |
| 5 5V |
| 6 4V |

IC701

| | | | | |
|---|----|-------------------------------------|----|-----------------|
| ON SCREEN BLANKING OUTPUT (0.1V) | 1 | V _{DD} (8V) | 42 | +5 volts Supply |
| ON SCREEN (NOT USED) DISPLAY OUTPUT | 2 | ON-SCREEN DISPLAY OSCILLATOR (5MHz) | 41 | |
| ON-SCREEN BLANKING OUTPUT | 3 | ON-SCREEN DISPLAY (ACTIVE:LOW) | 40 | |
| | 4 | HORIZONTAL SYNCHRONISATION PULSE | 39 | |
| TV/AV MODE OUTPUT (H.T.V LAY MODE) | 5 | ON-SCREEN DISPLAY (ACTIVE:LOW) | 38 | |
| | 6 | VERTICAL SYNCHRONISATION PULSE | 37 | |
| RESET INPUT (ACTIVE:LOW) | 7 | TEXT CONTROL (DATA OUTPUT) | 36 | |
| AFT SIGNAL INPUT (NOT USED) | 8 | TEXT CONTROL (CLOCK OUTPUT) | 35 | |
| TIME BASE INPUT | 9 | SYSTEM CLOCK OSCILLATOR (4MHz) | 34 | |
| VOLUME CONTROL OUTPUT (ACTIVE:HIGH) | 10 | SKW OUT PUT (H.OFF:LOW) | 33 | |
| COLOUR CONTROL OUTPUT (ACTIVE:HIGH) | 11 | BAND OUTPUT | 32 | |
| BRIGHTNESS CONTROL OUTPUT (ACTIVE:HIGH) | 12 | KEY SCAN & SYSTEM CHANGE OUTPUT | 31 | |
| CONTRAST CONTROL OUTPUT (ACTIVE:HIGH) | 13 | KEY SCAN OUTPUT (ACTIVE:LOW) | 30 | |
| REMOTE CONTROL INPUT (ACTIVE:LOW) | 14 | KEY SCAN INPUT (ACTIVE:LOW) | 29 | |
| OVER LOAD DETECT (L.Y.WRONG) | 15 | | 28 | |
| AFT ON/OFF (H.OFF:LOW) | 16 | | 27 | |
| POWER ON/OFF (H.OFF:LOW) | 17 | | 26 | |
| | 18 | | 25 | |
| GND | 19 | | 24 | |
| TUNING VOLTAGE OUTPUT | 20 | | 23 | |
| GND | 21 | | 22 | |

| | |
|------|-------|
| Q701 | VOLT. |
| B | 0V |
| C | 5.4V |
| E | 0V |

| | |
|------|-------|
| Q721 | VOLT. |
| B | 4.6V |
| C | 5.2V |
| E | 5.3V |

| | |
|------|-------|
| Q731 | VOLT. |
| B | 0.03V |
| C | 7V |
| E | 0V |

| | |
|------|-------|
| Q732 | VOLT. |
| B | 0.7V |
| C | 0.06V |
| E | 0V |

| | |
|------|-------|
| Q733 | VOLT. |
| B | 0.7V |
| C | 0.03V |
| E | 0V |

| | |
|------|-------|
| Q741 | VOLT. |
| B | 0.15V |
| C | 0.1V |
| E | 0.9V |

| | |
|------|-------|
| Q742 | VOLT. |
| B | 0.17V |
| C | 12V |
| E | 12V |

| | |
|------|-------|
| Q751 | VOLT. |
| B | 0.03V |
| C | 7.2V |
| E | 0V |

| | |
|------|-------|
| Q785 | VOLT. |
| B | 0.5V |
| C | 4.6V |
| E | 0V |

| | |
|------|-------|
| Q792 | VOLT. |
| B | 0V |
| C | 11V |
| E | 0V |

| | |
|-------|-------|
| IC701 | VOLT. |
| 11.5V | |
| 5V | |
| 0V | |
| 0.1V | |
| 7V | |
| 7.4V | |
| 7.6V | |
| 15V | |

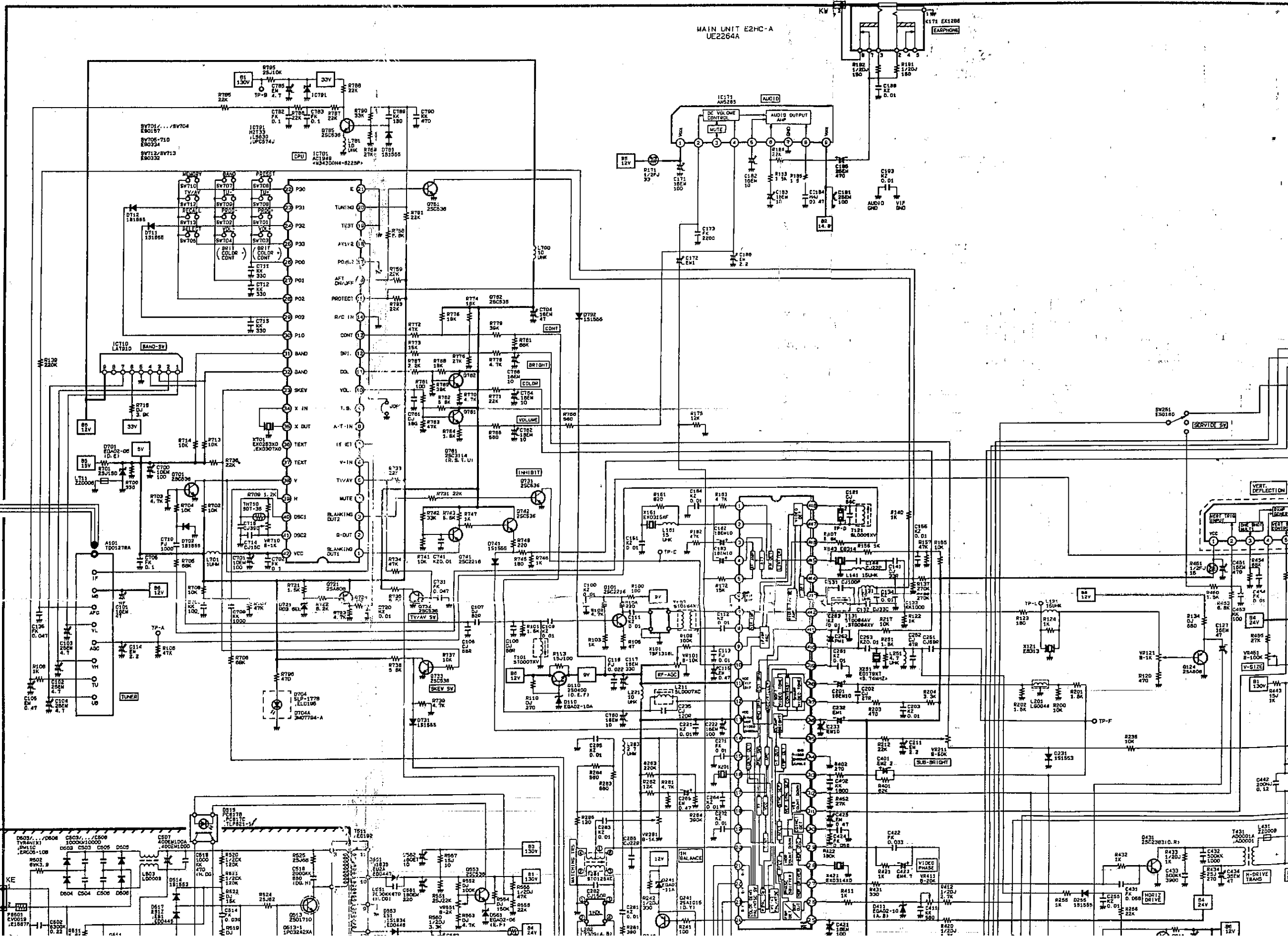
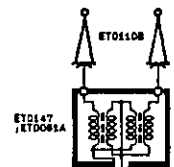
| | |
|------|-------|
| Q181 | VOLT. |
| B | 0.7V |
| C | 0.1V |
| E | 0V |

| | |
|------|-------|
| Q761 | VOLT. |
| B | 0.4V |
| C | 12V |
| E | 0.05V |

| | |
|------|-------|
| Q762 | VOLT. |
| B | 8.6V |
| C | 12V |
| E | 8V |

IC710

| | | | | | | |
|-----|-----|-----|-----|----|-------|-----|
| 12V | 10V | 14V | 10V | 2V | 12.5V | 10V |
| 0 | 8 | 7 | 6 | 5 | 4 | 3 |
| 2 | 1 | | | | | |



SANYO

A3

COLOUR TELEVISION

REF. NO. **CPP3002-00**

SERVICE PRECAUTION:
THE AREA ENCLOSED BY THIS LINE IS DANGEROUS. IT IS DIRECTLY CONNECTED TO THE MAIN AC Mains Voltage. WHEN SERVICING THE RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.

PRODUCT SAFETY NOTICE
WHEN A COMPONENT REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER COMPONENTS INDICATED BY A MARK Δ IN THIS CIRCUIT HAVE SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY SERVICE PERSONNEL BE USED FOR COMPONENT REPLACEMENT POINTED OUT BY THE MARK Δ .

| | | |
|------|-------|-----|
| Q511 | VOLT. | 10V |
| B | 10V | |
| C | -0.8V | |
| E | 10.8V | |

| | | |
|------|-------|-----|
| Q554 | VOLT. | 16V |
| B | 16V | |
| C | 16V | |
| E | 16V | |

| | | |
|------|-------|------|
| Q512 | VOLT. | 2.7V |
| B | 2.7V | |
| C | -1.5V | |
| E | 1.5V | |

| | | |
|------|-------|------|
| Q513 | VOLT. | 2.7V |
| B | 2.7V | |
| C | -1.5V | |
| E | 1.5V | |

| | | |
|------|-------|-----|
| Q551 | VOLT. | 24V |
| B | 24V | |
| C | 24V | |
| E | 24V | |

| | | |
|------|-------|------|
| Q552 | VOLT. | 0.1V |
| B | 0.1V | |
| C | 0.1V | |
| E | 0.1V | |

| | | |
|------|-------|----|
| Q553 | VOLT. | 7V |
| B | 7V | |
| C | 40V | |
| E | 6.5V | |

| | | |
|------|-------|-----|
| Q110 | VOLT. | 12V |
| B | 12V | |
| C | 12V | |
| E | 9V | |

| | | |
|------|-------|------|
| Q101 | VOLT. | 1.2V |
| B | 1.2V | |
| C | 0.4V | |
| E | 4.2V | |

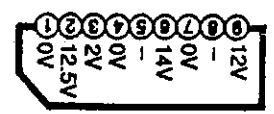
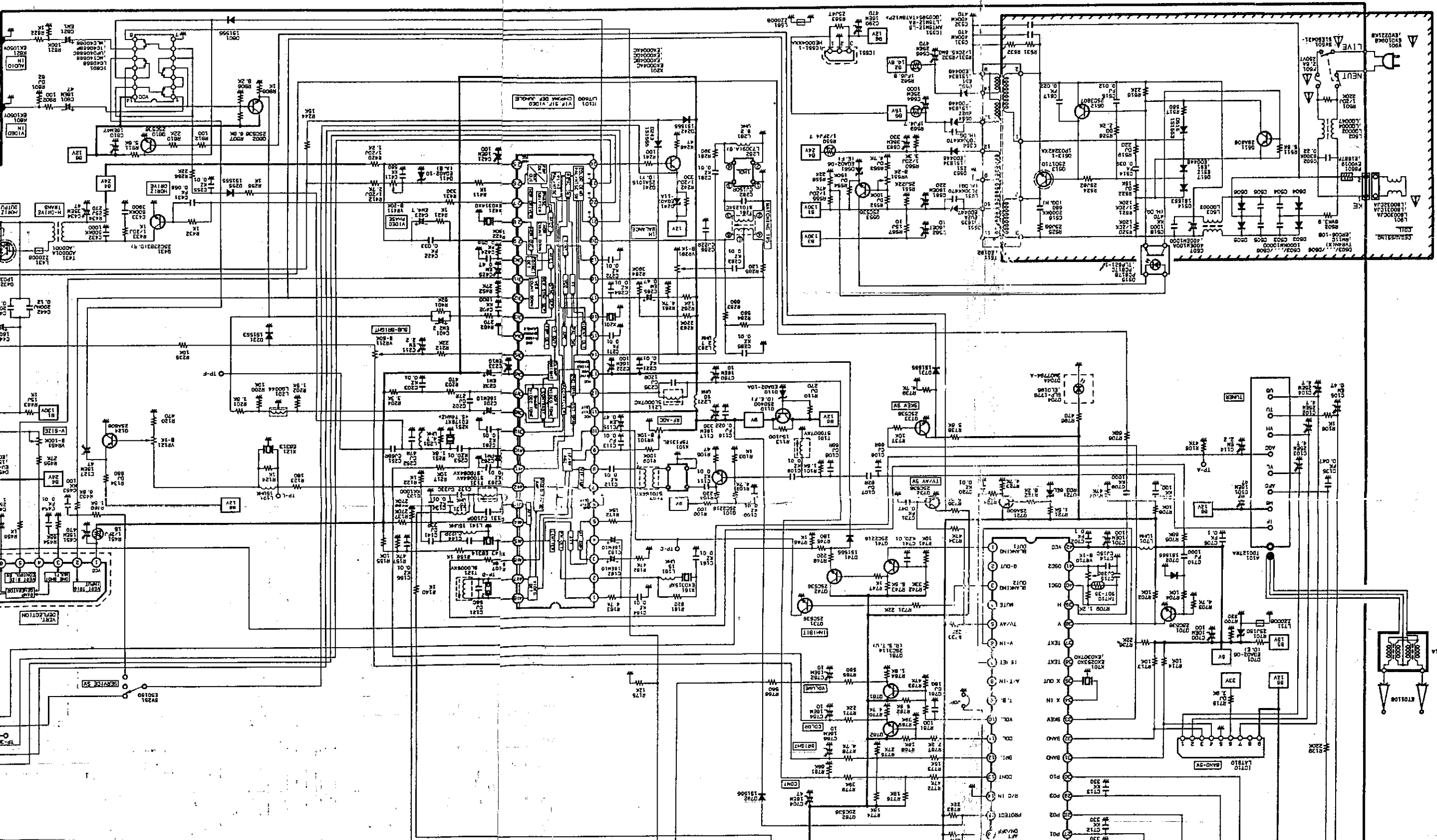
| | | |
|------|-------|----|
| Q124 | VOLT. | 2V |
| B | 2V | |
| C | 0V | |
| E | 2.8V | |

| | | |
|------|-------|----------|
| Q241 | VOLT. | WAVEFORM |
| B | 4.6V | |
| C | 1.2V | |
| E | 6.3V | |

| | | |
|------|-------|------|
| Q802 | VOLT. | 6.6V |
| B | 6.6V | |
| C | 12V | |
| E | 6V | |

| | | |
|------|-------|-------|
| Q810 | VOLT. | 0.810 |
| B | 0.08V | |
| C | 1.8V | |
| E | 0V | |

| | | |
|------|-------|----------|
| Q431 | VOLT. | WAVEFORM |
| B | 0.08V | |
| C | 1.8V | |
| E | 0V | |



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