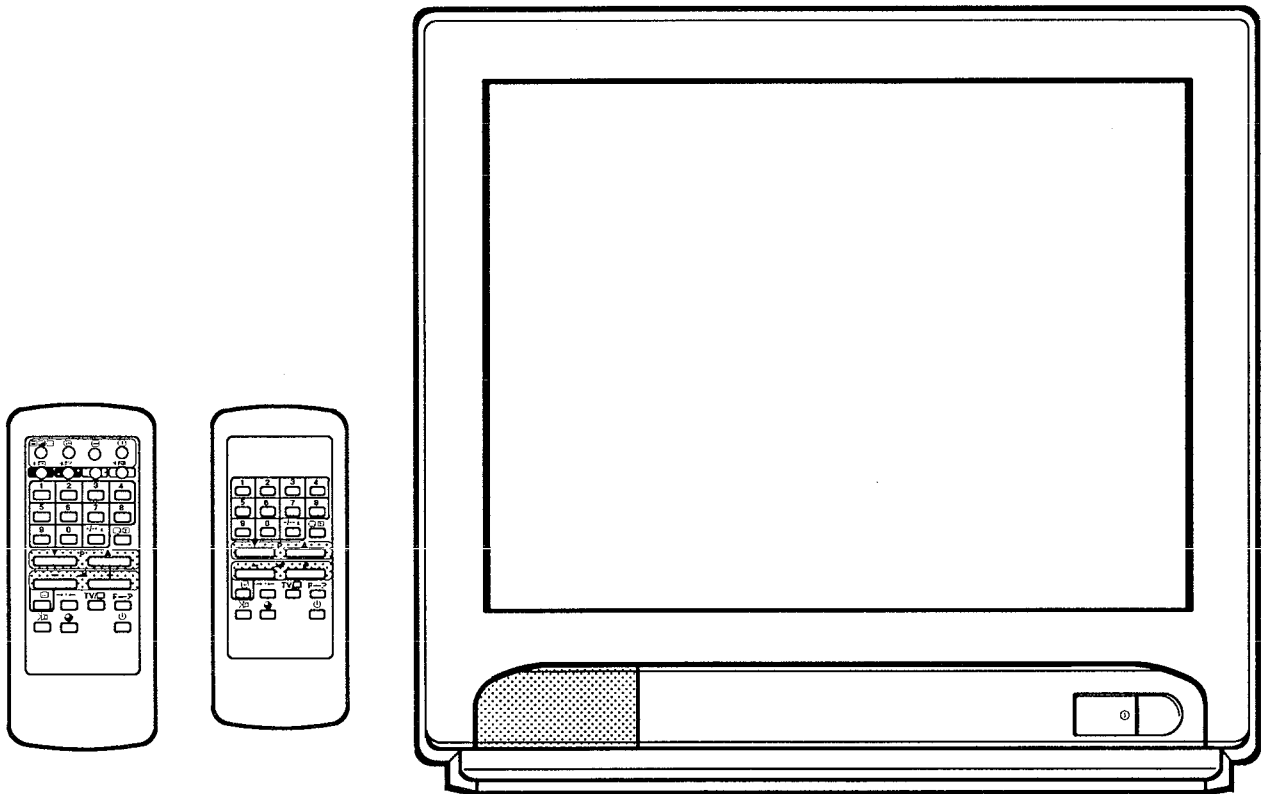


SERVICE MANUAL**Colour Television****Model No. C21PM40
C21PM45**

(Australia)

**Service Ref. No. C21PM40-00
C21PM45-00****Specifications**

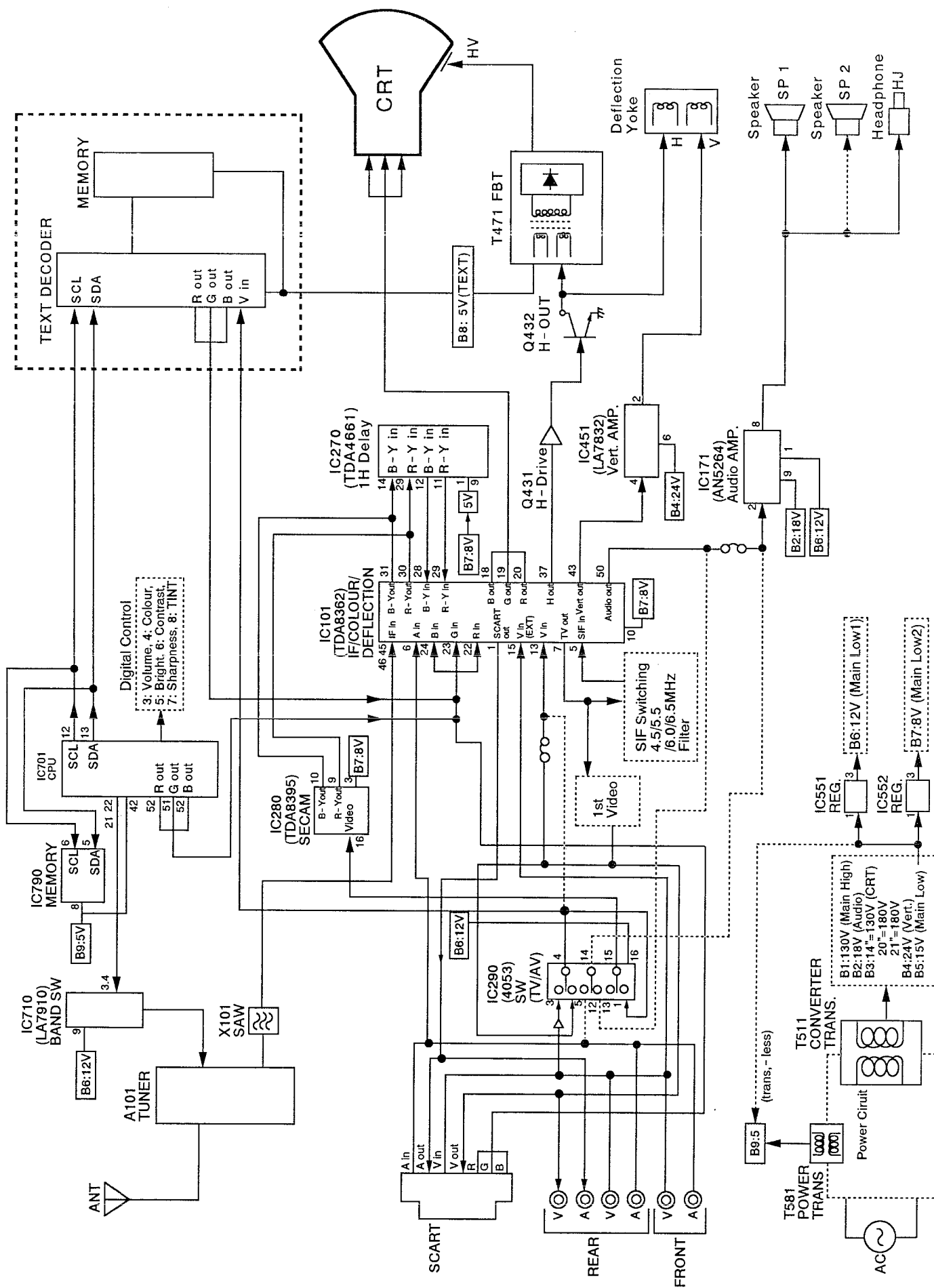
Power Source.....	AC220-240Volts, 50Hz.
Colour & Television	
System.....	PAL-B/G
Channel Coverage.....	VHF: 0-11, 5A
	UHF: 28-69
Video IF.....	36.875MHz
Sound IF.....	31.375MHz
Aerial Input Impedance.....	75 Ω
Ext. Terminals.....	Video input (Phono jack x 1)
	Audio input (Phono jack x 1)
	Video output (Phono jack x 1)
	Audio output (Phono jack x 1)
	Headphone Jack(Mini. jack x 1)
Sound Output (music).....	3.5W
Dimensions.....	501(W)x470.4(H)x485(D)mm
Weight	approx. 20.5Kg

*Specifications subject to change without notice.***Product Code: 1 113 226 17 (C21PM40)
1 113 226 18 (C21PM45)****Original Version****Chassis Series: A7-A**

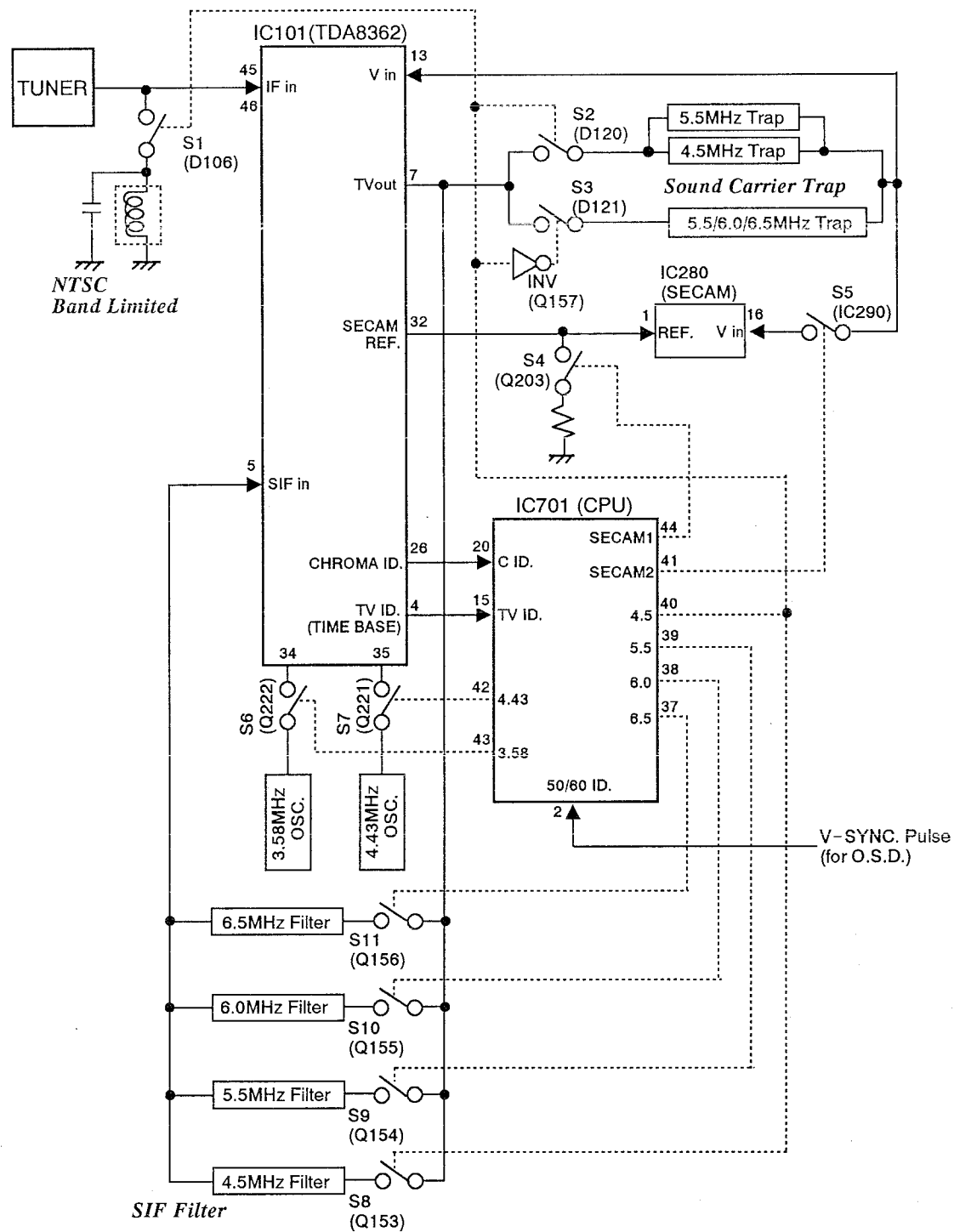
Give complete "SERVICE REF. No." for parts order or servicing. It is shown on the rating plate at the cabinet back of the unit.

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 specification table.

Block Diagram



Block Diagram



Circuit Description

1. POWER SUPPLY

The power supply circuit of the A7 – A chassis is composed of a rectifier smoothing circuit, an oscillation circuit, a control circuit and an output rectifier circuit.

The AC input voltage is full-wave rectified by the rectifier smoothing circuit, and an unstable DC voltage is generated at both terminals of the smoothing capacitor C507. This voltage is input to the oscillation circuit. The oscillation circuit is provided with a blocking oscillator circuit that switches the switching transistor Q513 ON and OFF, and an oscillation frequency and a duty square wave pulse are generated in the input windings according to operation of the control circuit. A square-wave pulse whose size is dependent on the turn ratio of the input and output windings is obtained in the output winding. This is rectified in the output rectifier circuit, and the desired DC voltage is obtained.

2. IF & DEFLECTION

The IF output signal from the tuner passes through the SAW filter, and it is input to pin45 and pin46 of IC101.

The signal input to the IC passes through the IF amplifier, video detection and video amplifier circuits and is output from pin7 as a composite video signal.

And after this signal is converted to impedance at Q124, supplies to the video and chroma amplifier stages passed through the AV switching circuit of IC290.

The output signal from pin7 passes through the 5.5MHz(B/G)/6.0MHz(I)/6.5MHz(D/K)/4.5MHz(M) filtering circuit, and it is input to pin5 of IC101. The signal input to the IC passes through the SIF amplifier, FM detector, external audio switch and audio output circuit, and it is then output from pin50 as audio drive signal.

The sync.-separation circuit separates the video signals applied to pin13 or pin15 to vertical- and horizontal- sync. signals respectively.

The horizontal oscillator requires no external components and is fully integrated. The oscillator is always running when the start-pin36 is supplied with 8V.

Horizontal drive signal is output from pin37. VR401 is for adjustment of the horizontal centering.

The separated vertical sync. signal from sync. separation circuit passes through the vertical-separation circuit, and applied to trigger divider circuit.

The horizontal oscillation pulse and input vertical sync. pulse are monitored by the trigger divider circuit, and switching 50Hz and 60Hz system, the vertical amplitude automatically adjusted for 50Hz and 60Hz.

The output signal from the trigger divider is triggered vertical oscillation circuit consisting of R401, C402 and pin42, and vertical drive pulse is output from pin43. VR451 is for changing the amount of AC feedback applied to pin41 and for adjustment of the vertical amplitude.

3. VIDEO CHROMA

The composite video signal output from the pin7 of IC101 passes through Q122/ Q124, and it is supplied to pin13. The external video signal output from SCART or other AV terminal passes through IC290, and it is supplied to pin15. The video signal input to pin13 or pin15 is separated to luminance (Y) signal and chroma signal in IC101. These pins are used in common with H/V - sync. separation input.

The peaking of Y signal is adjusted by DC voltage of pin14. ("SHARPNESS" control)

The chroma signal is divided into R - Y, B - Y chroma signals, demodulated in IC101, and output from pin30 (R - Y) and pin31 (B - Y). These chroma signals pass through the 1H delay line circuit (IC270), and they are input to pin29 (R - Y) and pin28 (B - Y). These R - Y/B - Y signals pass through RGB matrix circuit and RGB selector circuit of IC101. The internal RGB signals are generated in RGB matrix circuit and the RGB selector, consisting linear amplifiers, clamps and selects either the internal RGB signals or the external RGB signals input from pin22 (R), pin23 (G), pin24 (B). Selection is controlled by the voltage at the RGB switch control (pin21) and mixed RGB modes are possible since RGB switching is fast.

The RGB switch also functions as a fast blanking pin by blanking the RGB output stages; here internal and external RGB signals are overruled.

The colour gain is controlled by DC voltage of pin26. ("COLOUR" control)

The contrast control voltage present at pin25, controls the RGB signal gain, and the brightness control voltage present at pin17 controls DC level of RGB signals.

The RGB signals are finally buffered before being available at the RGB output pins [pin20 (R), pin19 (G), pin18 (B)].

4. AUDIO OUTPUT

The audio signal output from pin50 of IC101 is input to pin2 of IC171 and passes through the pre-amplifier circuit and drive circuit, after which it is input to the audio amplifier. The audio amplifier is an SEPP (Single-Ended Push Pull) type and output to pin8 to directly drive the speaker.

Circuit Description

5. VERTICAL OUTPUT

An IC (LA7832) is used for the vertical output circuit in this chassis. The vertical drive pulse from pin43 of IC101 is input to pin4 of IC451. This pulse drives IC451, and vertical scanning is performed. In the first half of scanning a deflecting current is output from pin2 and passes through the following path:

Vcc(B4) → D451 → pin3 → pin2 → DY → C461 → VR451/R459.

An electric charge is then stored in C461. In the last half of scanning the current path is:

C461 → DY → pin2 → pin1 → VR451/R459 → C461

In this way, an amplifying sawtooth waveform current flows directly to DY to perform electron beam deflection. Next, in the first half of the blanking period the vertical drive pulse suddenly becomes OFF, and in order to reduce the current flowing to DY, the current path becomes as follows by the inductance of DY:

DY → pin2 → pin1 → VR451/R459 → C461 → DY

Also, when the charge of DY has dissipated, the current path becomes:

Vcc → pin6 → pin7 → C452 → pin3 → pin2 → DY → C461 → VR451/R459

and when the prescribed current value is reached, the vertical drive pulse becomes ON. This completes one cycle.

6. HORIZONTAL OUTPUT

A horizontal oscillation signal is output from pin37 of IC101 and switches the drive transistor Q431. This switching signal is current amplified by the drive transformer T431 and drives the output transistor Q432. When Q432 becomes ON, an amplifying current flows directly to DY through

C441/C442 → L441/R441 → DY → Q432 - C → Q432 - E

and deflection is performed in the last half of the scanning period. Next, when Q432 becomes OFF, the charge that had been stored in DY up to that point releases a resonance current to the resonant capacitors C435 and C436 and charges them. The current stored in C435 and C436 is then flowed back to DY, and an opposite charge is then stored in DY. This opposite charge then switches the dumper diode in Q432 ON, the resonance state is completed, and an amplifying current is then flowed again

directly to DY through the dumper diode.

By this means, deflection in the first half of the scanning period is performed, and when Q432 becomes ON at the end of the first half of the scanning period, deflection during the last half is begun, thus completing one cycle.

7. SYSTEM SWITCHING

(For multi-standard model)

The system switches (S1 - S11) are used for multi-standard model.

(Refer to Block Diagram of system switching circuit)

- S1:** Switch for band-limiting on NTSC(3.58) mode (D106)
This switch is driven by ON/OFF signal of CPU (pin40).
- S2:** Switch for sound carrier trap on NTSC(3.58) mode (D120)
This switch is driven by signal of CPU (pin40) too.
- S3:** Switch for sound carrier trap except NTSC(3.58) mode (D121)
This switch is driven by inverting signal of CPU (pin40).
- S4:** System switch for forced SECAM mode (Q203)
This switch is driven by ON/OFF signal of CPU (pin44).
- S5:** Input switch for SECAM colour demodulation (IC290)
This switch is driven by ON/OFF signal of CPU (pin41).
- S6:** System switch for forced 4.43 mode (Q222)
This switch is driven by ON/OFF signal of CPU (pin43).
- Note:** When the colour system is set to "AUTO", both S6 and S7 will turn on.
- S7:** System switch for forced 3.58 mode (Q221)
This switch is driven by ON/OFF signal of CPU (pin42).
- S8:** System switch for 4.5MHz filtering on NTSC(3.58) mode (Q153)
This switch is driven by ON/OFF signal of CPU (pin40).
- S9:** System switch for 5.5MHz filtering on B/G mode (Q154)
This switch is driven by ON/OFF signal of CPU (pin39).
- S10:** System switch for 6.0MHz filtering on I mode (Q155)
This switch is driven by ON/OFF signal of CPU (pin38).
- S11:** System switch for 6.5MHz filtering on D/K mode (Q156)
This switch is driven by ON/OFF signal of CPU (pin37).
- Note:** When the TV system is set to "AUTO", S8, S9, S10 and S11 will turn on.

Service Adjustments

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 maintained within specified limit. Refer 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.

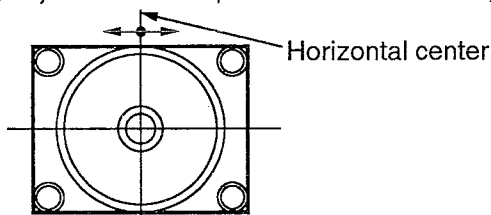
- (1) Tune the receiver to most clearest (or strongest) VHF station in your area. Set the brightness and contrast controls to maximum. Set the colour control to minimum.
- (2) Set AGC (VR120) control to mid-range.
- (3) Turn AGC control in direction which causes snow to appear, then in the opposite direction until the snow just disappears.

B1 POWER SUPPLY ADJUSTMENT

- (1) Connect DC meter to R791 and the ground. Set the +B1 adjustment control (VR551) to mid-range.
- (2) Set the brightness and contrast to normal. Tune the receiver to an active channel and synchronized picture.
- (3) Adjust +B1 adjustment control (VR551) for 130 ± 0.5 volt DC.

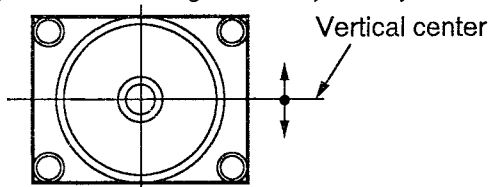
HORIZONTAL CENTER ADJUSTMENT

- (1) Receive the monochrome circular pattern.
- (2) Set the brightness and contrast to normal.
- (3) Adjust VR401 for optimum horizontal center position.



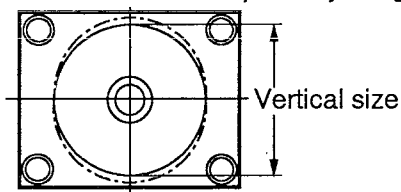
VERTICAL CENTER ADJUSTMENT

- (1) Receive the monochrome circular pattern.
- (2) Set the brightness and contrast to normal.
- (3) Vertical centering can be adjusted by switching SW451.



VERTICAL CENTER ADJUSTMENT

- (1) Receive the monochrome circular pattern.
- (2) Set the brightness and contrast to normal.
- (3) Vertical size can be adjusted by using VR451.



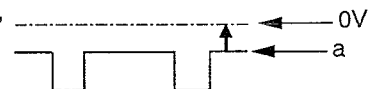
FOCUS ADJUSTMENT

- (1) Receive the monochrome circular pattern.
- (2) Set the brightness to normal and contrast to maximum.
- (3) Adjust the focus control on the F.B.T for the best focus on the screen center.

GREY SCALE ADJUSTMENT

- (1) Receive the monochrome circular pattern.
- (2) Set the brightness and the contrast to normal, the colour to minimum.
- (3) Set the service switch (SW220) at the service side.
- (4) Connect an oscilloscope to TP-6C(+) and TP-6F(-). (Probe attenuation $\Rightarrow 10:1$, Sync.V-sensitivity $\Rightarrow 0.05V$ Signal coupling $\Rightarrow DC$)

Using VR640, adjust "a" to be 0V.



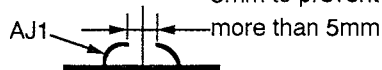
- (5) Set the drive volume (VR602 and VR612) at their mechanical center.
- (6) Set the bias volume (VR601, VR621 and VR611) to minimum. (fully counter clockwise).
- (7) Turn the screen volume on the FBT to obtain just visible one coloured line.
- (8) Adjust each bias volume (VR601 - blue, VR621 - green and VR611 - red) alternately until a dim white line produced.
- (9) Set the service switch (SW220) at the normal side.
- (10) Adjust the drive volume (VR602 - blue and VR612 - red) alternately to produce normal black and white picture.
- (11) Check for proper grey scale tracking at all brightness levels.

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

H-WIDTH & HIGH VOLTAGE CHECK

- (1) Receive the monochrome circular pattern.
- (2) Set the brightness and contrast to maximum.
- (3) If the picture is too wide or narrow, cut or short the "AJ1" on the main unit. When AJ1 is shorted, the horiz. width increase. When AJ1 is cut, the horiz. width decrease.

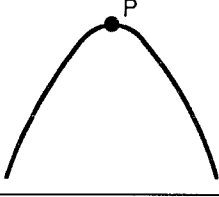
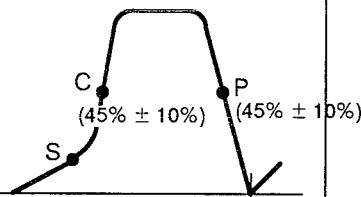
Important Note: If AJ1 is cut, its gap must be more than 5mm to prevent sparks.

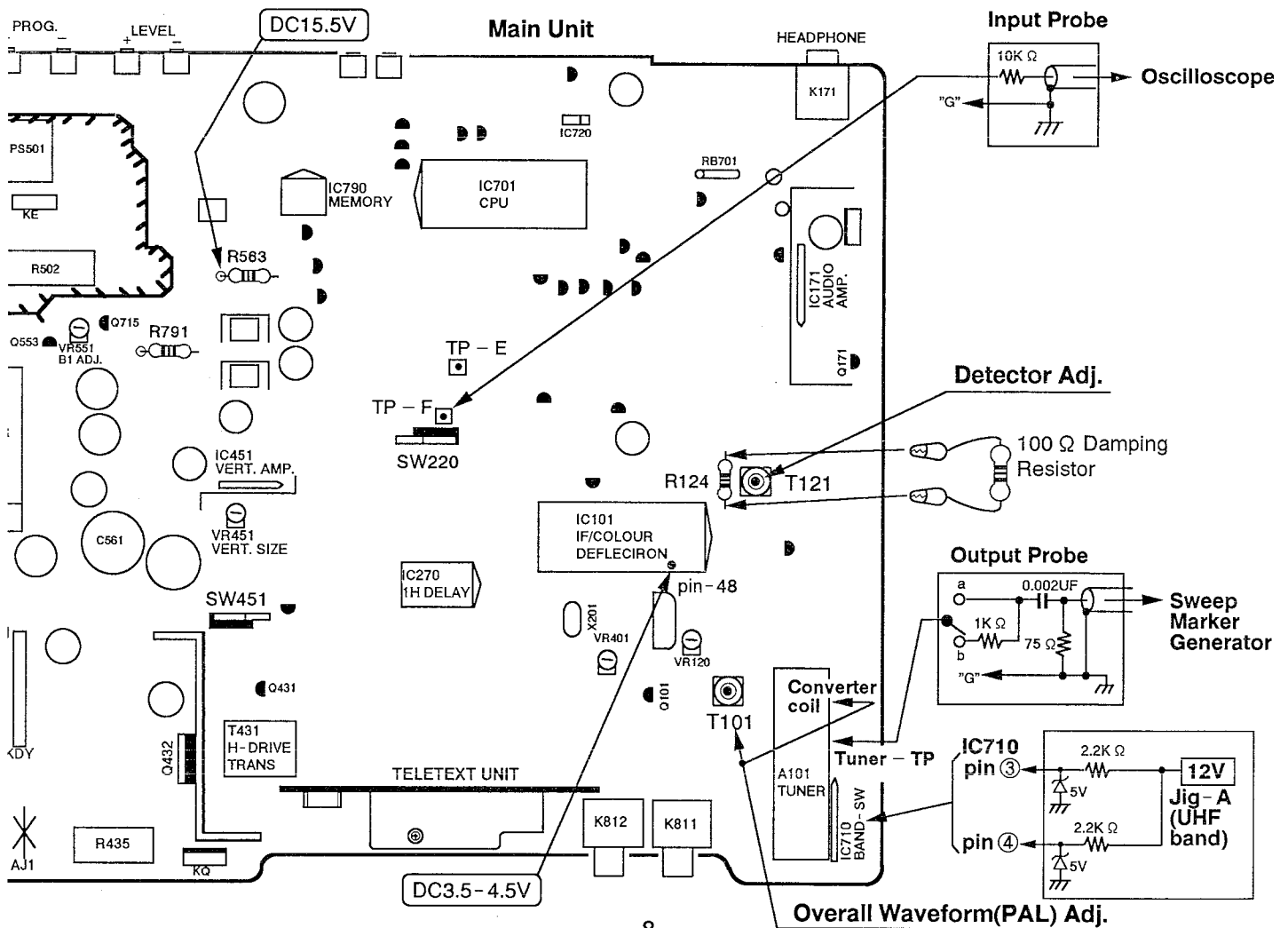


- (4) Connect a high voltage probe to anode lead of the picture tube.
- (5) The high voltage must be between 20-22KV(14" 16"), 24-26KV(20" 21").

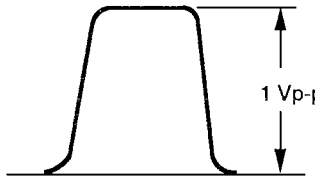
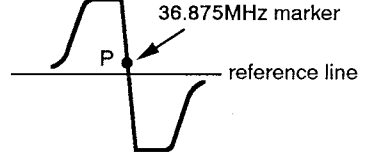
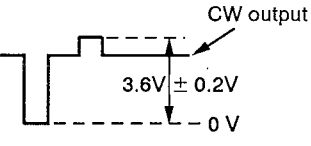
NOTE: If the picture tube is replaced, check the high voltage. The horiz. width adjustment affects the high voltage and sub-brightness. Therefore, recheck the sub-brightness and the high voltage.

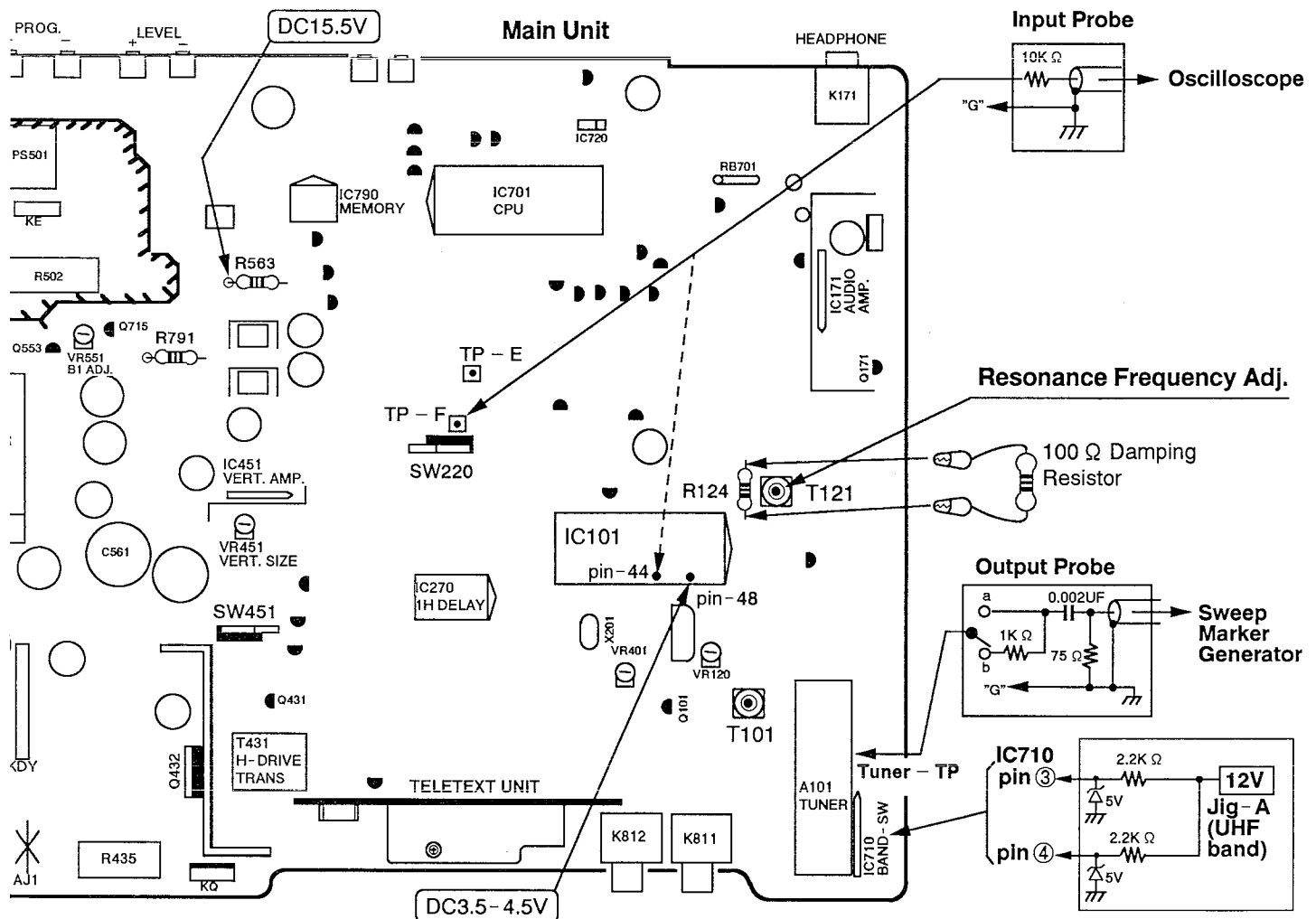
VIF Adjustment

Item		Detector Adj.	Overall Waveform(PAL)
Connection	DC 15.5V	R563(D592 side)	R563 (D592 side)
	IF AGC(3.5-4.5V)	IC101-pin48	IC101-pin48
Condition	BAND	UHF(with Jig-A)	UHF(with Jig-A)
	Output Probe	Tuner-TP	Tuner-TP
Waveform	Input Probe	TP-F	TP-F
Adjustment		Adjust P (36.875MHz) to be maximum by using T121.	Using Tuner Converter Coil and T101, adjust the marker position to be P(36.875MHz)=45% ± 10% C(32.445MHz)=45% ± 10%
Waveform			



AFT Adjustment

Item		AGC Voltage Alignment	Resonance Frequency Adj.(rough)	Resonance Frequency Adj.(fine)
Connection	DC 15.5V IF AGC(3.5-4.5V) BAND Output Probe Input Probe	R563 (D592 side) IC101 - pin48 UHF(with Jig - A) TUNER - TP TP - F	R563 (D592 side) IC101 - pin48 UHF(with Jig - A) TUNER - TP IC101 - pin44	R563 (D592 side) IC101 - pin48 UHF(with Jig - A) TUNER - TP IC101 - pin44
	Sweep ATT. Output Probe Dumping Resistor Oscilloscope Sens. SG Output	25 dB(TTL) side b R124 100mV/div None	25 dB(TTL) side b not used 1V/DIV ATT 35dB	25 dB(TTL) side b not used 1V/DIV ATT 35dB
Adjustment		Fix the AGC voltage when the overall waveform level is adjusted at 1.0 Vp-p.	Keep AGC voltage, and conform the marker position P is near by the Ref. line.	Keep AGC voltage. Set the VIF Adjustor Sweep off and pix. SG to CW output. Using T121, adjust DC voltage to be $3.6V \pm 0.2V$.
Waveform				



PURITY AND CONVERGENCE ADJUSTMENT

CAUTION: The Convergence and Purity adjustments have been made at the factory. Readjustment should be made only after picture tube or deflection yoke replacement, following the steps below:

PURITY ADJUSTMENT

1. Demagnetize the picture tube and receiver using an external degaussing coil. When replacing picture tube or deflection yoke, mount deflection yoke and purity - convergence magnets assembly properly, see figures 1 and 4.
2. Turn Red and Blue guns off and provide only Green raster. Rotate Screen control to fully counterclockwise. Rotate Red and Blue Bias controls fully counterclockwise. Slowly rotate Green Bias control clockwise to produce Green raster.
3. Loosen the screw holding the Deflection Yoke and remove the 3 Rubber Wedges, and slide the Deflection Yoke fully forward.
4. Rotate and spread the Tabs of the two Purity Magnets to center the vertical green belt in the picture screen. The Purity Magnets are also adjusted to obtain vertical centering of the raster.
5. Slowly slide the Deflection Yoke backward until a uniform green screen is obtained.
6. Check the purity of the red and blue screens for uniformity, turn off other colours to check this (use bias controls). Readjust the yoke position if necessary until all screens are pure.
7. Adjust each Bias control and screen control to obtain white raster. Refer to Gray Scale Adjustment. If part of the picture screen is coloured, adjust the Deflection Yoke position forward or backward slightly.

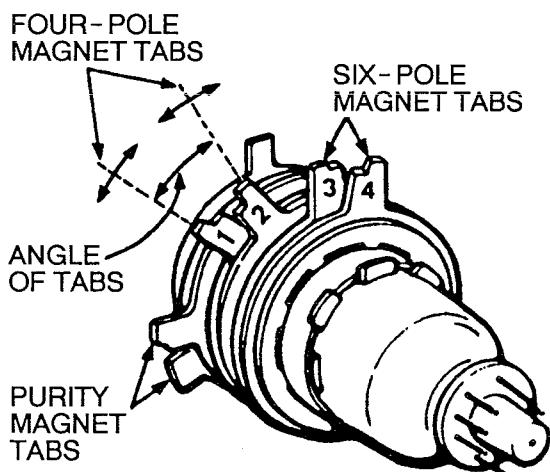


Figure- 1. PURITY AND CONVERGENCE MAGNETS

8. Tighten the mounting screw of the Deflection Yoke. Adjust Convergence next.

CENTER CONVERGENCE ADJUSTMENT

1. Use a dot crosshatch pattern signal.
2. Turn Red and Blue guns on and turn off Green gun. Adjust the angle between the Tabs of the Four Pole Magnet 1 and 2, and superimpose the Red and Blue vertical lines in the center area of the picture screen. Refer to figure 2.
3. Keeping the mutual angle of the Tabs of the Four Pole Magnet turn them together to superimpose the Blue and Red horizontal lines in the center area of the picture screen. Refer to figure 2.
4. Turn Green gun on and adjust Six Pole Magnet 3 and 4 s that the Green line superimposed on the Red/Blue lines. This is the same procedure used in steps 2 and 3. Refer to figure 3.

OUTER AREA CONVERGENCE ADJUSTMENT

Slightly loosen the screw holding the Deflection Yoke. Adjust the Deflection Yoke to converge the detail in the outer area (left side and right side) of the picture screen by orbital movement of the front of the Yoke, then secure the Deflection Yoke in appropriate position by putting the wedges as illustrated. Tighten screw holding the Deflection Yoke.

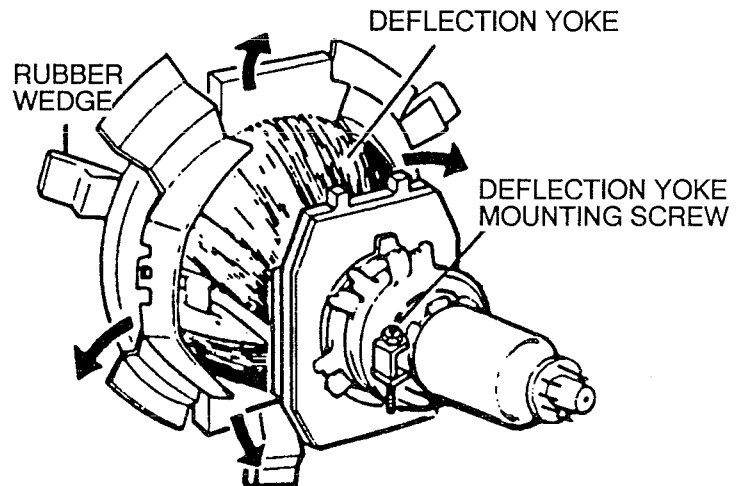


Figure- 4. ADJUSTMENT DEFLECTION YOKE

Adjust tabs angle to superimpose blue and red vertical line

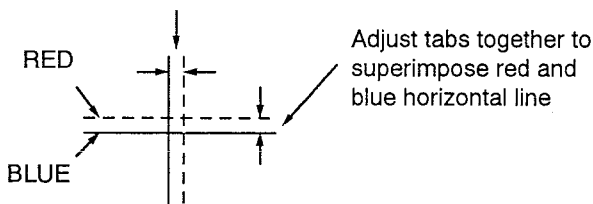


Figure- 2 BLUE AND RED LINE MOVEMENT

Adjust tabs angle to superimpose red/blue and green vertical line

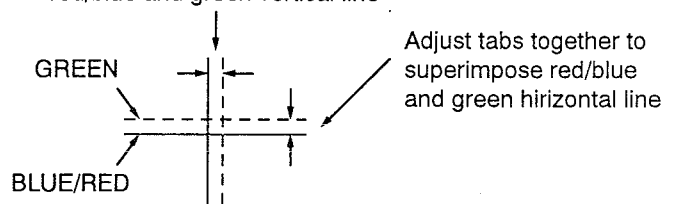
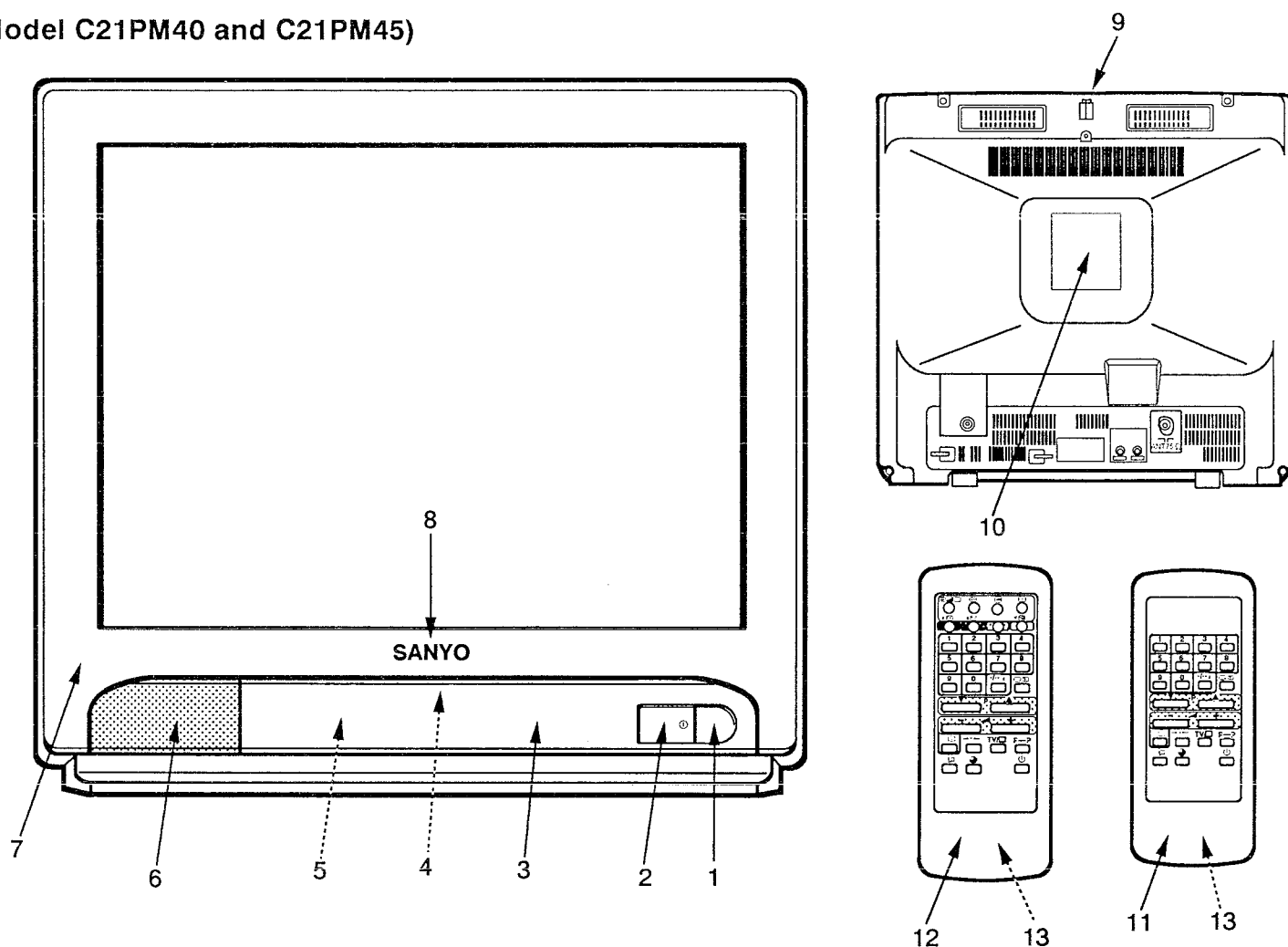


Figure- 3 BLUE/RED AND GREEN LINE MOVEMENT

CABINET PARTS LIST

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

(Model C21PM40 and C21PM45)

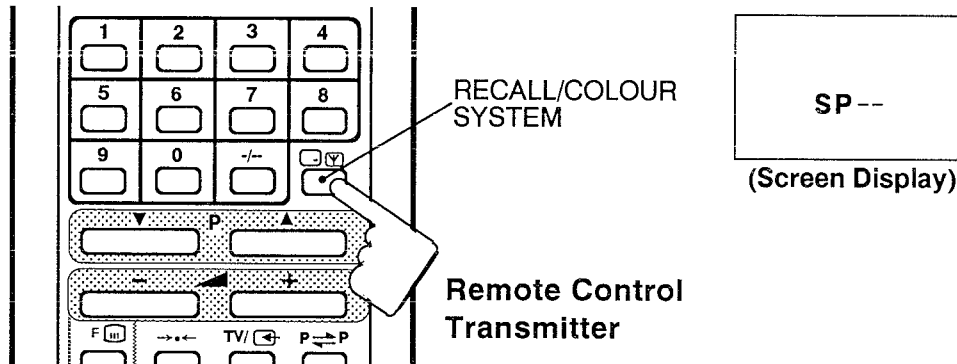


Key No.	Part No.	Description	Key No.	Part No.	Description
1.	610 253 3835	POWER BUTTON	9.	610 254 9126	CABINET BACK
	610 229 8406	SPRING	10.	610 254 9010	LABEL RATING (C21PM40)
2.	610 253 3859	DEC BOARD		610 254 9003	LABEL RATING (C21PM45)
3.	610 254 7795	D00R (C21PM40)	11.	645 002 0636	ASSY, REMOCON JXRA (C21PM40)
	610 254 7801	D00R (C21PM45)	12.	645 002 9349	ASSY, REMOCON JXRB (C21PM45)
4.	610 104 2505	PUSH LATCH	13.	610 247 0178	RC BATTERY LID
5.	610 254 7825	DEC CONTROL SHEET			
6.	610 253 3873	GRILLE SPEAKER		610 254 8228	INSTRUCTIONS MANUAL
7.	610 253 3828	ASSY, CABINET FRONT			
8.	645 003 9256	SANYO BADGE			

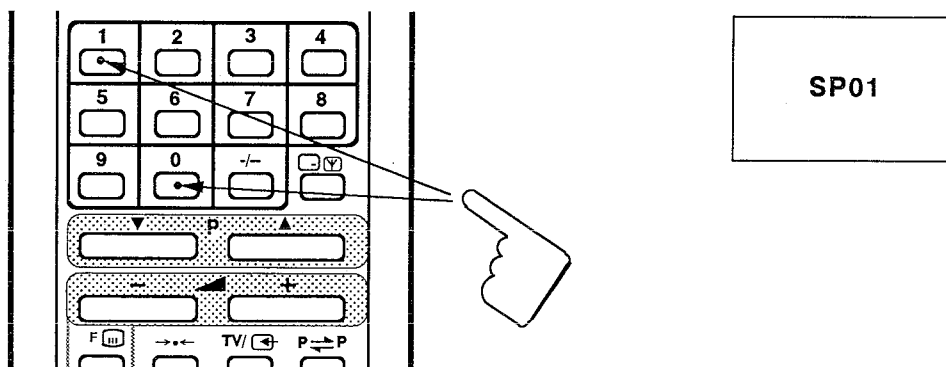
Memory IC (IC790) Replacement (Important Note !)

When Memory IC (IC790) is replaced, it is necessary to make the initializing of IC790 as following procedure.

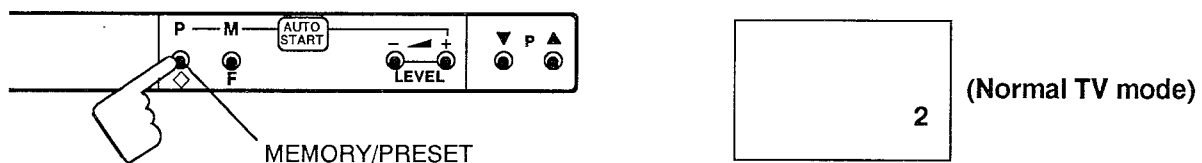
- (1) Switch off the TV set.
- (2) Replace IC790.
- (3) Switch on the TV set, and set to the TV mode.
- (4) Press and hold the RECALL/COLOUR SYSTEM button of the remote control transmitter for more than 3 seconds.



- (5) Input SPECIAL CODE "01" by pressing the programme selector of the remote control transmitter.



- (6) Press the MEMORY/PRESET button of the TV set.



The initializing is now completed.

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

- (7) Make the channel pre-setting operations to allocate the TV channels (Refer to the instruction manual of this TV set).

CHASSIS ELECTRICAL PARTS LIST

Model C21PM40

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by a Δ mark 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., Part No., and descriptions. The main PCB unit will be supplied without tuner and flyback transformer. They should be ordered separately.

Read description in the Capacitor and Resister as follows:

CAPACITOR

CERAMIC 100P K 50V

Rated Voltage

Tolerance Symbols:

Less than 10PF

A: Not specified

D: ± 0.5 PF

R: $\pm 0.25 - 0$ PF

More than 10PF

A: Not specified

D: $\pm 0.5\%$

H: $\pm 3\%$

L: $\pm 15\%$

P: $\pm 100 - 0\%$

U: $\pm 75 - 10\%$

X: $\pm 40 - 20\%$

B: ± 0.1 PF

F: ± 1 PF

S: $\pm 0 - 0.25$ PF

B: $\pm 0.1\%$

F: $\pm 1\%$

J: $\pm 5\%$

M: $\pm 20\%$

Q: $\pm 30 - 10\%$

V: $\pm 20 - 10\%$

Y: $\pm 150 - 10\%$

C: ± 0.25 PF

G: ± 2 PF

E: $\pm 0 - 1$ PF

C: $\pm 0.25\%$

G: $\pm 2\%$

K: $\pm 10\%$

N: $\pm 30\%$

T: $\pm 50 - 10\%$

W: $\pm 100 - 10\%$

Z: $\pm 80 - 20\%$

Rated value: P=pico farad, U=Micro farad

Material:

CERAMIC.....Ceramic

MT-PAPER.....Metallized Paper

POLYESTER.....Polyester

MT-POLYEST.....Metallized Polyester

POLYPRO.....Polypropylene

MT-POLYPRO.....Metallized Polypropylene

COMPO FILM.....Composite film

MT-COMPO.....Metallized Composite

STYRENE.....Styrene

TA-SOLID.....Tantalum Solid

AL-SOLID.....Aluminium Solid

ELECT.....Electrolytic

NP-ELECT.....Non-polarized Electrolytic

OS-SOLID.....Aluminium Solid with Organic

Semiconductive Electrolytic

DL-ELECT.....Double Layered Electrolytic

RESISTER

CARBON 4.7K J A 1/4W

Rated Wattage

Performance Symbols:

A: General B: Non flammable Z: Low noise

Other: Temperature coefficient

Tolerance Symbols:

A: $\pm 0.05\%$ B: $\pm 0.1\%$ C: $\pm 0.25\%$ D: $\pm 0.5\%$

F: $\pm 1\%$ G: $\pm 2\%$ J: $\pm 5\%$ K: $\pm 10\%$

M: $\pm 20\%$ P: $\pm 5 - 15\%$

Rated value, ohms:

K: 1,000, M: 1,000,000

Material:

CARBON.....Carbon

MT-FILM.....Metal Film

OXIDE-MT.....Oxide Metal Film

SOLID.....Composition

MT-GLAZE.....Metal Glaze

WIRE WOUND.....Wire Wound

CERAMIC RES.....Ceramic

FUSIBLE RES.....Fusible

Ref. No.

Part No.

Description

610 247 7825 CRT PCB ASSY E6RS UE2758

TRANSISTER

0601

405 041 6507 TR 2SC2621-D-RA

405 041 6705 TR 2SC2621-E-RA

405 066 9903 TR 2SC2688(1)-K

405 067 0008 TR 2SC2688(1)-L

405 067 0107 TR 2SC2688(1)-M

0611

405 041 6507 TR 2SC2621-D-RA

405 041 6705 TR 2SC2621-E-RA

405 066 9903 TR 2SC2688(1)-K

405 067 0008 TR 2SC2688(1)-L

405 067 0107 TR 2SC2688(1)-M

0621

405 041 6507 TR 2SC2621-D-RA

405 041 6705 TR 2SC2621-E-RA

405 066 9903 TR 2SC2688(1)-K

405 067 0008 TR 2SC2688(1)-L

405 067 0107 TR 2SC2688(1)-M

0640

406 000 6804 TR 2SA1015-GR (SAN)

405 001 7407 TR 2SA1015-O (SAN)

405 001 7605 TR 2SA1015-Y (SAN)

405 004 3109 TR 2SA564A-Q (CU)

405 004 3208 TR 2SA564A-R (CU)

405 004 4205 TR 2SA608-E-CTV-NP

405 004 4809 TR 2SA608-F-CTV-NP

405 006 1103 TR 2SA933-Q

405 006 1202 TR 2SA933-R

405 006 1707 TR 2SA933S-Q

405 006 1806 TR 2SA933S-R

0651

406 000 6804 TR 2SA1015-GR (SAN)

405 001 7407 TR 2SA1015-O (SAN)

405 001 7605 TR 2SA1015-Y (SAN)

405 004 3109 TR 2SA564A-Q (CU)

405 004 3208 TR 2SA564A-R (CU)

405 004 4205 TR 2SA608-E-CTV-NP

405 004 4809 TR 2SA608-F-CTV-NP

405 006 1103 TR 2SA933-Q

405 006 1202 TR 2SA933-R

405 006 1707 TR 2SA933S-Q

405 006 1806 TR 2SA933S-R

CAPACITOR

C601

403 075 4209 CERAMIC 820P K 50V

C611

403 075 4209 CERAMIC 820P K 50V

C621

403 075 4209 CERAMIC 820P K 50V

C631

403 077 2708 CERAMIC 1000P P 2K

C651

403 157 9009 ELECT 0.47U M 250V

RESISTER

R601

401 018 2800 CARBON 330 JA 1/4W

R602

401 025 7805 CARBON 2.2K JA 1/6W

R603

401 024 7004 CARBON 1K JA 1/6W

R604

401 065 4604 OXIDE-MT 12K JA 2W

R605

401 002 0102 SOLID 3.3K KA 1/2W

R611

401 018 2800 CARBON 330 JA 1/4W

R612

401 025 7805 CARBON 2.2K JA 1/6W

R613

401 025 7805 CARBON 2.2K JA 1/6W

R614

401 065 4604 OXIDE-MT 12K JA 2W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R615	401 002 0102	SOLID 3.3K KA 1/2W		405 004 3109	TR 2SA564A-Q (CU)
R621	401 018 2800	CARBON 330 JA 1/4W		405 004 3208	TR 2SA564A-R (CU)
R622	401 025 7805	CARBON 2.2K JA 1/6W		405 004 4205	TR 2SA608-E-CTV-NP
R623	401 025 4200	CARBON 1.8K JA 1/6W		405 004 4809	TR 2SA608-F-CTV-NP
R624	401 065 4604	OXIDE-MT 12K JA 2W		405 006 1103	TR 2SA933-Q
R625	401 002 0102	SOLID 3.3K KA 1/2W		405 006 1202	TR 2SA933-R
R627	401 027 2303	CARBON 560 JA 1/6W		405 006 1707	TR 2SA933S-Q
R631	401 001 7607	SOLID 270K KA 1/2W		405 006 1806	TR 2SA933S-R
R632	401 018 1605	CARBON 33 JA 1/4W	Q124	406 000 6804	TR 2SA1015-GR (SAN)
R641	401 026 9907	CARBON 4.7K JA 1/6W		405 001 7407	TR 2SA1015-Q (SAN)
R642	401 026 4308	CARBON 3.3K JA 1/6W		405 001 7605	TR 2SA1015-Y (SAN)
R652	401 012 8105	CARBON 100K JA 1/4W		405 004 3109	TR 2SA564A-Q (CU)
R653	401 024 7707	CARBON 100K JA 1/6W		405 004 3208	TR 2SA564A-R (CU)
R654	401 024 6700	CARBON 100 JA 1/6W		405 004 4205	TR 2SA608-E-CTV-NP
VARIABLE RESISTER				405 004 4809	TR 2SA608-F-CTV-NP
VR601	610 019 0825	VR		405 006 1103	TR 2SA933-Q
VR602	610 019 2881	VR 8CFRB-1K		405 006 1202	TR 2SA933-R
VR611	610 019 0825	VR		405 006 1707	TR 2SA933S-Q
VR612	610 019 2881	VR 8CFRB-1K	Q171	405 006 1806	TR 2SA933S-R
VR621	610 019 0825	VR		405 011 7305	TR 2SC1740-Q
VR640	610 019 2881	VR 8CFRB-1K		405 011 7404	TR 2SC1740-R
DIODE				405 011 7503	TR 2SC1740-S
D601	407 005 4505	DIODE DS442X		405 011 8401	TR 2SC1740S-Q
	408 008 2406	DIODE 1N4148		405 011 8500	TR 2SC1740S-R
	407 013 1206	DIODE 1S1555		405 011 8609	TR 2SC1740S-S
	407 013 4207	DIODE 1S2076		405 012 2002	TR 2SC1815-GR
	407 013 7109	DIODE 1S2473		405 012 2101	TR 2SC1815-Q
D611	407 005 4505	DIODE DS442X		405 012 2309	TR 2SC1815-Y
	408 008 2406	DIODE 1N4148		405 019 1909	TR 2SC536-E-NP
	407 013 1206	DIODE 1S1555		405 019 2708	TR 2SC536-F-NP
	407 013 4207	DIODE 1S2076		405 019 3804	TR 2SC536-G-NP
	407 013 7109	DIODE 1S2473		405 020 7501	TR 2SC945A-PA
D621	407 005 4505	DIODE DS442X	Q172	405 020 7709	TR 2SC945A-QA
	408 008 2406	DIODE 1N4148		405 020 7907	TR 2SC945A-RA
	407 013 1206	DIODE 1S1555		405 011 7305	TR 2SC1740-Q
	407 013 4207	DIODE 1S2076		405 011 7404	TR 2SC1740-R
	407 013 7109	DIODE 1S2473		405 011 7503	TR 2SC1740-S
D651	407 005 4505	DIODE DS442X		405 011 8401	TR 2SC1740S-Q
	408 008 2406	DIODE 1N4148		405 011 8500	TR 2SC1740S-R
	407 013 1206	DIODE 1S1555		405 011 8609	TR 2SC1740S-S
	407 013 4207	DIODE 1S2076		405 012 2002	TR 2SC1815-GR
	407 013 7109	DIODE 1S2473		405 012 2101	TR 2SC1815-Q
MISCELLANEUS				405 012 2309	TR 2SC1815-Y
△K601	610 010 7717	CRT SOCKET		405 019 1909	TR 2SC536-E-NP
610 255 749 7MAIN PCB ASSY E6RW-C UL0052C				405 019 2708	TR 2SC536-F-NP
TRANSISTER				405 019 3804	TR 2SC536-G-NP
Q101	405 013 3305	TR 2SC2216 (SAN)		405 020 7501	TR 2SC945A-PA
Q111	405 011 7305	TR 2SC1740-Q	Q202	405 020 7709	TR 2SC945A-QA
	405 011 7404	TR 2SC1740-R		405 020 7907	TR 2SC945A-RA
	405 011 7503	TR 2SC1740-S		405 011 7305	TR 2SC1740-Q
	405 011 8401	TR 2SC1740S-Q		405 011 7404	TR 2SC1740-R
	405 011 8500	TR 2SC1740S-R		405 011 7503	TR 2SC1740-S
	405 011 8609	TR 2SC1740S-S		405 011 8401	TR 2SC1740S-Q
	405 012 2002	TR 2SC1815-GR		405 011 8500	TR 2SC1740S-R
	405 012 2101	TR 2SC1815-Q		405 011 8609	TR 2SC1740S-S
	405 012 2309	TR 2SC1815-Y		405 012 2002	TR 2SC1815-GR
	405 019 1909	TR 2SC536-E-NP		405 012 2101	TR 2SC1815-Q
	405 019 2708	TR 2SC536-F-NP		405 012 2309	TR 2SC1815-Y
	405 019 3804	TR 2SC536-G-NP		405 019 1909	TR 2SC536-E-NP
	405 020 7501	TR 2SC945A-PA		405 019 2708	TR 2SC536-F-NP
	405 020 7709	TR 2SC945A-QA		405 019 3804	TR 2SC536-G-NP
	405 020 7907	TR 2SC945A-RA		405 020 7501	TR 2SC945A-PA
Q122	406 000 6804	TR 2SA1015-GR (SAN)	Q431	405 020 7709	TR 2SC945A-QA
	405 001 7407	TR 2SA1015-Q (SAN)		405 020 7907	TR 2SC945A-RA
	405 001 7605	TR 2SA1015-Y (SAN)		405 014 2406	TR 2SC2383-Q (SAN)
				405 014 2505	TR 2SC2383-R (SAN)
			Q432	405 022 6809	TR 2SD1651-CTV-YB
			Q511	406 000 6804	TR 2SA1015-GR (SAN)
				405 001 7407	TR 2SA1015-Q (SAN)
				405 001 7605	TR 2SA1015-Y (SAN)

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
0512 0513 0553	405 004 3109	TR 2SA564A-Q (CU)	Q704	405 019 3804	TR 2SC536-G-NP
	405 004 3208	TR 2SA564A-R (CU)		405 020 7501	TR 2SC945A-PA
	405 004 4205	TR 2SA608-E-CTV-NP		405 020 7709	TR 2SC945A-QA
	405 004 4809	TR 2SA608-F-CTV-NP		405 020 7907	TR 2SC945A-RA
	405 006 1103	TR 2SA933-Q		405 011 7305	TR 2SC1740-Q
	405 006 1202	TR 2SA933-R		405 011 7404	TR 2SC1740-R
	405 006 1707	TR 2SA933S-Q		405 011 7503	TR 2SC1740-S
	405 006 1806	TR 2SA933S-R		405 011 8401	TR 2SC1740S-Q
	405 058 0208	TR 2SC3807-R-CTV-YA		405 011 8500	TR 2SC1740S-R
	405 022 8506	TR 2SD1710-CTV-YR		405 011 8609	TR 2SC1740S-S
	405 011 7305	TR 2SC1740-Q		405 012 2002	TR 2SC1815-GR
	405 011 7404	TR 2SC1740-R		405 012 2101	TR 2SC1815-O
	405 011 7503	TR 2SC1740-S		405 012 2309	TR 2SC1815-Y
	405 011 8401	TR 2SC1740S-Q		405 019 1909	TR 2SC536-E-NP
	405 011 8500	TR 2SC1740S-R		405 019 2708	TR 2SC536-F-NP
	405 011 8609	TR 2SC1740S-S		405 019 3804	TR 2SC536-G-NP
	405 012 2002	TR 2SC1815-GR	Q705	405 020 7501	TR 2SC945A-PA
	405 012 2101	TR 2SC1815-O		405 020 7709	TR 2SC945A-QA
	405 012 2309	TR 2SC1815-Y		405 020 7907	TR 2SC945A-RA
	405 019 1909	TR 2SC536-E-NP		406 000 6804	TR 2SA1015-GR (SAN)
	405 019 2708	TR 2SC536-F-NP		405 001 7407	TR 2SA1015-O (SAN)
	405 019 3804	TR 2SC536-G-NP		405 001 7605	TR 2SA1015-Y (SAN)
	405 020 7501	TR 2SC945A-PA		405 004 3109	TR 2SA564A-Q (CU)
	405 020 7709	TR 2SC945A-QA		405 004 3208	TR 2SA564A-R (CU)
	405 020 7907	TR 2SC945A-RA		405 004 4205	TR 2SA608-E-CTV-NP
	405 014 8408	TR 2SC2568(1)-K		405 004 4809	TR 2SA608-F-CTV-NP
	405 014 8507	TR 2SC2568(1)-L		405 006 1103	TR 2SA933-Q
	405 041 6507	TR 2SC2621-D-RA		405 006 1202	TR 2SA933-R
	405 041 6705	TR 2SC2621-E-RA		405 006 1707	TR 2SA933S-Q
	405 011 7305	TR 2SC1740-Q		405 006 1806	TR 2SA933S-R
	405 011 7404	TR 2SC1740-R	Q706	405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
0581	405 011 7305	TR 2SC1740-Q	Q707	405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA	Q708	405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
Q702	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
Q703	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
Q711	405 019 2708	TR 2SC536-F-NP	Q721	405 006 1707	TR 2SA933S-Q
	405 019 3804	TR 2SC536-G-NP		405 006 1806	TR 2SA933S-R
	405 020 7501	TR 2SC945A-PA		405 011 7305	TR 2SC1740-Q
	405 020 7709	TR 2SC945A-QA		405 011 7404	TR 2SC1740-R
	405 020 7907	TR 2SC945A-RA		405 011 7503	TR 2SC1740-S
	405 011 7305	TR 2SC1740-Q		405 011 8401	TR 2SC1740S-Q
	405 011 7404	TR 2SC1740-R		405 011 8500	TR 2SC1740S-R
	405 011 7503	TR 2SC1740-S		405 011 8609	TR 2SC1740S-S
	405 011 8401	TR 2SC1740S-Q		405 012 2002	TR 2SC1815-GR
	405 011 8500	TR 2SC1740S-R		405 012 2101	TR 2SC1815-O
	405 011 8609	TR 2SC1740S-S		405 012 2309	TR 2SC1815-Y
	405 012 2002	TR 2SC1815-GR		405 019 1909	TR 2SC536-E-NP
	405 012 2101	TR 2SC1815-O		405 019 2708	TR 2SC536-F-NP
	405 012 2309	TR 2SC1815-Y		405 019 3804	TR 2SC536-G-NP
Q713	405 019 1909	TR 2SC536-E-NP	Q722	405 020 7501	TR 2SC945A-PA
	405 019 2708	TR 2SC536-F-NP		405 020 7709	TR 2SC945A-QA
	405 019 3804	TR 2SC536-G-NP		405 020 7907	TR 2SC945A-RA
	405 020 7501	TR 2SC945A-PA		405 011 7305	TR 2SC1740-Q
	405 020 7709	TR 2SC945A-QA		405 011 7404	TR 2SC1740-R
	405 020 7907	TR 2SC945A-RA		405 011 7503	TR 2SC1740-S
	406 000 6804	TR 2SA1015-GR(SAN)		405 011 8401	TR 2SC1740S-Q
	405 001 7407	TR 2SA1015-O(SAN)		405 011 8500	TR 2SC1740S-R
	405 001 7605	TR 2SA1015-Y(SAN)		405 011 8609	TR 2SC1740S-S
	405 004 3109	TR 2SA564A-Q(CU)		405 012 2002	TR 2SC1815-GR
	405 004 3208	TR 2SA564A-R(CU)		405 012 2101	TR 2SC1815-O
	405 004 4205	TR 2SA608-E-CTV-NP		405 012 2309	TR 2SC1815-Y
	405 004 4809	TR 2SA608-F-CTV-NP		405 019 1909	TR 2SC536-E-NP
	405 006 1103	TR 2SA933-Q		405 019 2708	TR 2SC536-F-NP
Q714	405 006 1202	TR 2SA933-R	Q723	405 019 3804	TR 2SC536-G-NP
	405 006 1707	TR 2SA933S-Q		405 020 7501	TR 2SC945A-PA
	405 006 1806	TR 2SA933S-R		405 020 7709	TR 2SC945A-QA
	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
Q715	405 019 3804	TR 2SC536-G-NP	Q781	405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
Q718	405 019 2708	TR 2SC536-F-NP	Q855	405 019 3804	TR 2SC536-G-NP
	405 019 3804	TR 2SC536-G-NP		405 020 7501	TR 2SC945A-PA
	405 020 7501	TR 2SC945A-PA		405 020 7709	TR 2SC945A-QA
	405 020 7709	TR 2SC945A-QA		405 020 7907	TR 2SC945A-RA
	405 020 7907	TR 2SC945A-RA		405 011 7305	TR 2SC1740-Q
	406 000 6804	TR 2SA1015-GR(SAN)		405 011 7404	TR 2SC1740-R
	405 001 7407	TR 2SA1015-O(SAN)		405 011 7503	TR 2SC1740-S
	405 001 7605	TR 2SA1015-Y(SAN)		405 011 8401	TR 2SC1740S-Q
	405 004 3109	TR 2SA564A-Q(CU)		405 011 8500	TR 2SC1740S-R
	405 004 3208	TR 2SA564A-R(CU)		405 011 8609	TR 2SC1740S-S
	405 004 4205	TR 2SA608-E-CTV-NP		405 012 2002	TR 2SC1815-GR
	405 004 4809	TR 2SA608-F-CTV-NP		405 012 2101	TR 2SC1815-O
	405 006 1103	TR 2SA933-Q		405 012 2309	TR 2SC1815-Y
	405 006 1202	TR 2SA933-R		405 019 1909	TR 2SC536-E-NP
				405 019 2708	TR 2SC536-F-NP

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
Q856	405 012 2309	TR 2SC1815-Y	IC552 IC701 IC710 IC720 IC790	409 026 9507	IC L78M12-RA
	405 019 1909	TR 2SC536-E-NP		409 285 5203	IC L78M08-RA
	405 019 2708	TR 2SC536-F-NP		410 188 7300	IC M37211M2-526SP
	405 019 3804	TR 2SC536-G-NP		409 019 6209	IC LA7910
	405 020 7501	TR 2SC945A-PA		409 243 4200	IC MN1380-R
	405 020 7709	TR 2SC945A-QA		409 270 0008	IC ST24C01B1
	405 020 7907	TR 2SC945A-RA		409 307 1701	IC 24C01A/P
	405 011 7305	TR 2SC1740-Q	CAPACITOR		
	405 011 7404	TR 2SC1740-R	C101	403 125 5606	ELECT 100U M 16V
	405 011 7503	TR 2SC1740-S	C102	403 061 9607	POLYESTER 0.047U J 50V
	405 011 8401	TR 2SC1740S-Q		403 062 0207	POLYESTER 0.047U J 50V
	405 011 8500	TR 2SC1740S-R	C103	403 121 3507	ELECT 4.7U M 50V
	405 011 8609	TR 2SC1740S-S	C104	403 121 2401	ELECT 22U M 16V
	405 012 2002	TR 2SC1815-GR	C105	403 166 8307	MT-POLYEST 0.15U J 63V
	405 012 2101	TR 2SC1815-0		403 067 6204	MT-COMPO 0.15U J 50V
	405 012 2309	TR 2SC1815-Y	C106	403 109 6407	ELECT 10U M 50V
	405 019 1909	TR 2SC536-E-NP	C107	403 125 5507	ELECT 1000U M 16V
	405 019 2708	TR 2SC536-F-NP	C108	403 009 3407	CERAMIC 100P J 50V
	405 019 3804	TR 2SC536-G-NP	C109	403 009 3407	CERAMIC 100P J 50V
	405 020 7501	TR 2SC945A-PA	C110	403 022 6300	CERAMIC 33P J 50V
	405 020 7709	TR 2SC945A-QA	C113	403 069 8305	CERAMIC 0.01U Z 50V
Q857	405 020 7907	TR 2SC945A-RA	C114	403 069 8305	CERAMIC 0.01U Z 50V
	405 011 7305	TR 2SC1740-Q	C115	403 069 8305	CERAMIC 0.01U Z 50V
	405 011 7404	TR 2SC1740-R	C117	403 134 9602	ELECT 47U M 16V
	405 011 7503	TR 2SC1740-S	C119	403 010 5704	CERAMIC 12P J 50V
	405 011 8401	TR 2SC1740S-Q	C121	403 166 7706	MT-POLYEST 0.47U J 63V
	405 011 8500	TR 2SC1740S-R		403 067 7805	MT-COMPO 0.47U J 50V
	405 011 8609	TR 2SC1740S-S	C122	403 166 6808	MT-POLYEST 0.1U J 63V
	405 012 2002	TR 2SC1815-GR		403 067 5603	MT-COMPO 0.1U J 50V
	405 012 2101	TR 2SC1815-0	C123	403 109 6407	ELECT 10U M 50V
	405 012 2309	TR 2SC1815-Y	C126	403 061 2202	POLYESTER 3900P K 50V
Q858	405 019 1909	TR 2SC536-E-NP		403 061 2707	POLYESTER 3900P K 50V
	405 019 2708	TR 2SC536-F-NP	C128	403 121 3408	ELECT 2.2U M 50V
	405 019 3804	TR 2SC536-G-NP	C129	403 028 1606	CERAMIC 56P J 50V
	405 020 7501	TR 2SC945A-PA	C130	403 069 8305	CERAMIC 0.01U Z 50V
	405 020 7709	TR 2SC945A-QA	C131	403 121 3507	ELECT 4.7U M 50V
	405 020 7907	TR 2SC945A-RA	C132	403 166 6808	MT-POLYEST 0.1U J 63V
	406 000 6804	TR 2SA1015-GR(SAN)		403 067 5603	MT-COMPO 0.1U J 50V
	405 001 7407	TR 2SA1015-0(SAN)	C134	403 069 0507	CERAMIC 1000P K 50V
	405 001 7605	TR 2SA1015-Y(SAN)	C135	403 166 6808	MT-POLYEST 0.1U J 63V
	405 004 3109	TR 2SA564A-Q(CU)		403 067 5603	MT-COMPO 0.1U J 50V
Q881	405 004 3208	TR 2SA564A-R(CU)	C136	403 134 5802	ELECT 470U M 16V
	405 004 4205	TR 2SA608-E-CTV-NP	C137	403 166 6808	MT-POLYEST 0.1U J 63V
	405 004 4809	TR 2SA608-F-CTV-NP		403 067 5603	MT-COMPO 0.1U J 50V
	405 006 1103	TR 2SA933-Q	C143	403 011 3808	CERAMIC 120P J 50V
	405 006 1202	TR 2SA933-R	C172	403 166 7706	MT-POLYEST 0.47U J 63V
	405 006 1707	TR 2SA933S-Q		403 067 7805	MT-COMPO 0.47U J 50V
	405 006 1806	TR 2SA933S-R	C173	403 059 3600	POLYESTER 2200P K 50V
	405 011 7305	TR 2SC1740-Q		403 059 4201	POLYESTER 2200P K 50V
	405 011 7404	TR 2SC1740-R	C174	403 134 5901	ELECT 33U M 16V
	405 011 7503	TR 2SC1740-S	C178	403 121 2401	ELECT 22U M 16V
Q881	405 011 8401	TR 2SC1740S-Q	C180	403 166 6808	MT-POLYEST 0.1U J 63V
	405 011 8500	TR 2SC1740S-R		403 067 5603	MT-COMPO 0.1U J 50V
	405 011 8609	TR 2SC1740S-S	C181	403 045 1801	ELECT 1000U M 25V
	405 012 2002	TR 2SC1815-GR	C182	403 107 9905	ELECT 10U M 16V
	405 012 2101	TR 2SC1815-0	C183	403 107 9905	ELECT 10U M 16V
	405 012 2309	TR 2SC1815-Y	C184	403 166 8109	MT-POLYEST 0.22U J 63V
	405 019 1909	TR 2SC536-E-NP		403 067 6709	MT-COMPO 0.22U J 50V
	405 019 2708	TR 2SC536-F-NP	C185	403 111 8604	ELECT 470U M 25V
	405 019 3804	TR 2SC536-G-NP	C186	403 069 8305	CERAMIC 0.01U Z 50V
	405 020 7501	TR 2SC945A-PA	C187	403 166 8109	MT-POLYEST 0.22U J 63V
Q881	405 020 7709	TR 2SC945A-QA		403 067 6709	MT-COMPO 0.22U J 50V
	405 020 7907	TR 2SC945A-RA	C188	403 121 3507	ELECT 4.7U M 50V
			C192	403 134 6007	ELECT 330U M 16V
			C200	403 014 0200	CERAMIC 18P J 50V
			C202	403 166 6808	MT-POLYEST 0.1U J 63V
				403 067 5603	MT-COMPO 0.1U J 50V
			C203	403 061 8105	POLYESTER 4700P K 50V
				403 061 8808	POLYESTER 4700P K 50V
INTEGRATED CIRCUIT					
IC101	409 309 6209	IC TDA8361/N3			
IC171	409 073 1509	IC AN5265			
IC270	409 291 0605	IC TDA4661/V2			
IC451	409 183 5008	IC LA7832			
IC551	409 143 3402	IC AN78M12-LB			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C204	403 166 6808	MT-POLYEST 0.1U J 63V	C507	404 047 1806	ELECT 100U M 400V
	403 067 5603	MT-COMPO 0.1U J 50V	C513	403 061 8105	POLYESTER 4700P K 50V
C205	403 166 6808	MT-POLYEST 0.1U J 63V		403 061 8808	POLYESTER 4700P K 50V
	403 067 5603	MT-COMPO 0.1U J 50V	C514	403 166 6808	MT-POLYEST 0.1U J 63V
C208	403 166 6808	MT-POLYEST 0.1U J 63V		403 067 5603	MT-COMPO 0.1U J 50V
	403 067 5603	MT-COMPO 0.1U J 50V	C515	403 058 2406	POLYESTER 0.015U J 50V
C209	403 166 6808	MT-POLYEST 0.1U J 63V		403 058 3007	POLYESTER 0.015U J 50V
	403 067 5603	MT-COMPO 0.1U J 50V	C516	403 165 8407	CERAMIC 680P K 2K
C210	403 166 6808	MT-POLYEST 0.1U J 63V		403 077 9103	CERAMIC 680P K 2K
	403 067 5603	MT-COMPO 0.1U J 50V	C517	403 058 3205	POLYESTER 0.015U K 50V
C215	403 166 7706	MT-POLYEST 0.47U J 63V		403 058 3809	POLYESTER 0.015U K 50V
	403 067 7805	MT-COMPO 0.47U J 50V	C518	403 076 7100	CERAMIC 1000P M 1K
C216	403 166 6808	MT-POLYEST 0.1U J 63V	△C531	404 008 2507	CERAMIC 2200P M 400V
	403 067 5603	MT-COMPO 0.1U J 50V		404 008 4105	CERAMIC 2200P M 400V
C217	403 121 3507	ELECT 4.7U M 50V	C532	404 008 4006	CERAMIC 100P M 400V
C221	403 166 6808	MT-POLYEST 0.1U J 63V		404 051 8709	CERAMIC 100P K 400V
	403 067 5603	MT-COMPO 0.1U J 50V	C534	404 008 2705	CERAMIC 470P K 400V
C231	403 191 4503	NP-ELECT 0.47U M 160		404 008 3108	CERAMIC 470P M 400V
C232	403 138 1602	ELECT 1U M 100V	C551	403 165 8605	CERAMIC 470P K 2K
C270	403 059 5901	POLYESTER 0.022U K 50V		403 186 1302	CERAMIC 470P K 2K
	403 059 6700	POLYESTER 0.022U K 50V	C552	403 167 8603	CERAMIC 220P K 2K
C271	403 069 0507	CERAMIC 1000P K 50V		403 186 2101	CERAMIC 220P K 2K
C272	403 069 0507	CERAMIC 1000P K 50V	C553	403 165 6106	CERAMIC 470P K 1K
C275	403 107 9905	ELECT 10U M 16V		403 186 2903	CERAMIC 470P K 1K
C292	403 166 6808	MT-POLYEST 0.1U J 63V	C554	403 165 6106	CERAMIC 470P K 1K
	403 067 5603	MT-COMPO 0.1U J 50V		403 186 2903	CERAMIC 470P K 1K
C293	403 134 6007	ELECT 330U M 16V	C555	403 165 6106	CERAMIC 470P K 1K
C401	403 166 6808	MT-POLYEST 0.1U J 63V		403 186 2903	CERAMIC 470P K 1K
	403 067 5603	MT-COMPO 0.1U J 50V	C561	404 042 4703	ELECT 220U M 160V
C402	403 062 0306	POLYESTER 0.047U K 50V	C562	403 055 5509	ELECT 22U M 200V
	403 062 1006	POLYESTER 0.047U K 50V	C563	403 108 0208	ELECT 330U M 35V
C403	403 061 8105	POLYESTER 4700P K 50V	C564	403 148 0404	ELECT 1000U M 25V
	403 061 8808	POLYESTER 4700P K 50V	C565	403 148 0404	ELECT 1000U M 25V
C404	403 086 2300	NP-ELECT 1U M 50V	C571	403 148 0305	ELECT 470U M 16V
C405	403 060 0506	POLYESTER 2700P K 50V	C572	403 148 0305	ELECT 470U M 16V
	403 060 1107	POLYESTER 2700P K 50V	C582	403 135 8307	ELECT 470U M 50V
C406	403 059 5901	POLYESTER 0.022U K 50V	C583	403 107 9509	ELECT 100U M 10V
	403 059 6700	POLYESTER 0.022U K 50V	C701	403 056 7106	POLYESTER 1000P J 50V
C407	403 125 5606	ELECT 100U M 16V	C702	403 014 7803	CERAMIC 180P J 50V
C431	403 062 6902	POLYESTER 0.056U K 50V	C704	403 068 9006	CERAMIC 100P K 50V
	403 062 7404	POLYESTER 0.056U K 50V	C705	403 068 9006	CERAMIC 100P K 50V
C432	403 075 7101	CERAMIC 1000P K 500V	C706	403 068 9006	CERAMIC 100P K 50V
C433	403 076 3102	CERAMIC 3900P K 500V	C707	403 068 9006	CERAMIC 100P K 50V
C434	403 135 9403	ELECT 47U M 35V	C709	403 109 6308	ELECT 1U M 50V
C435	404 030 6702	MT-POLYPRO 8200P J 1.5K	C710	403 009 3100	CERAMIC 100P J 50V
	404 030 6801	MT-POLYPRO 8200P J 1.5K	C711	403 121 3507	ELECT 4.7U M 50V
C436	403 165 7202	CERAMIC 390P K 3K	C712	403 121 3507	ELECT 4.7U M 50V
	403 185 9903	CERAMIC 390P K 3K	C713	403 109 6407	ELECT 10U M 50V
C437	403 067 7805	MT-COMPO 0.47U J 50V	C714	403 109 6407	ELECT 10U M 50V
C441	403 082 7408	POLYPRO 0.15U J 200V	C716	403 121 3507	ELECT 4.7U M 50V
C442	403 082 7408	POLYPRO 0.15U J 200V	C717	403 071 1707	CERAMIC 180P K 50V
C443	403 134 1903	ELECT 4.7U M 160V	C718	403 069 8305	CERAMIC 0.01U Z 50V
C444	403 165 7202	CERAMIC 390P K 3K	C719	403 073 3907	CERAMIC 3900P K 50V
	403 185 9903	CERAMIC 390P K 3K	C721	403 166 6808	MT-POLYEST 0.1U J 63V
C445	403 076 1405	CERAMIC 2700P K 500V		403 067 5603	MT-COMPO 0.1U J 50V
C451	403 148 2002	ELECT 470U M 35V	C722	403 134 9602	ELECT 47U M 16V
C452	403 148 1807	ELECT 220U M 35V	C723	403 026 0700	CERAMIC 47P J 50V
C453	403 036 0806	CERAMIC 39P J 500V	C724	403 026 0700	CERAMIC 47P J 50V
C454	403 056 9506	POLYESTER 0.01U J 50V	C725	403 069 8305	CERAMIC 0.01U Z 50V
C455	403 274 9203	POLYESTER 820P J 100V	C726	403 072 7708	CERAMIC 330P K 50V
C456	403 109 6407	ELECT 10U M 50V	C728	403 069 8305	CERAMIC 0.01U Z 50V
C461	403 135 0004	ELECT 2200U M 25V	C729	403 107 9905	ELECT 10U M 16V
C463	403 178 4007	POLYESTER 0.1U J 100V	C731	403 166 6808	MT-POLYEST 0.1U J 63V
C485	403 109 5707	ELECT 220U M 25V		403 067 5603	MT-COMPO 0.1U J 50V
C502	403 067 2008	MT-POLYEST 0.22U K 630V	C732	403 166 6808	MT-POLYEST 0.1U J 63V
	403 067 2008	MT-POLYEST 0.22U K 630V		403 067 5603	MT-COMPO 0.1U J 50V
C503	403 076 7100	CERAMIC 1000P M 1K	C741	403 166 6808	MT-POLYEST 0.1U J 63V
C504	403 076 7100	CERAMIC 1000P M 1K		403 067 5603	MT-COMPO 0.1U J 50V
C505	403 076 7100	CERAMIC 1000P M 1K	C743	403 072 8200	CERAMIC 330P K 50V
C506	403 076 7100	CERAMIC 1000P M 1K	C744	403 072 8200	CERAMIC 330P K 50V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C745	403 072 8200	CERAMIC 330P K 50V	R410	401 025 8208	CARBON 22K JA 1/6W
C746	403 057 0403	POLYESTER 0.01U K 50V	R432	401 024 7004	CARBON 1K JA 1/6W
	403 057 1004	POLYESTER 0.01U K 50V	R433	401 007 1104	CARBON 1K JA 1/2W
C749	403 028 1606	CERAMIC 56P J 50V	R434	401 009 9306	CARBON 390 JA 1/2W
C750	403 028 1606	CERAMIC 56P J 50V	R435	402 058 2300	WIRE WOUND 8.2 KA 6W
C854	403 107 9905	ELECT 10U M 16V	R436	401 014 5201	CARBON 15K JA 1/4W
C857	403 134 5901	ELECT 33U M 16V	R441	401 007 1203	CARBON 1K JB 1/2W
C874	403 109 6308	ELECT 1U M 50V	R443	401 025 8703	CARBON 220K JA 1/6W
RESISTOR			R451	401 026 4605	CARBON 33K JA 1/6W
RJ138	401 024 7004	CARBON 1K JA 1/6W	R452	401 027 2600	CARBON 5.6K JA 1/6W
R101	401 025 7805	CARBON 2.2K JA 1/6W	R453	401 026 4308	CARBON 3.3K JA 1/6W
R103	401 024 6700	CARBON 100 JA 1/6W	R454	401 024 9008	CARBON 120 JA 1/6W
R104	401 027 2600	CARBON 5.6K JA 1/6W	R455	401 025 7805	CARBON 2.2K JA 1/6W
R105	401 024 7004	CARBON 1K JA 1/6W	R456	401 026 9907	CARBON 4.7K JA 1/6W
R106	401 025 7409	CARBON 220 JA 1/6W	R457	401 025 7805	CARBON 2.2K JA 1/6W
R107	401 026 6401	CARBON 39 JA 1/6W	R459	401 006 7602	CARBON 1 JA 1/2W
R111	401 027 5205	CARBON 680 JA 1/6W	R460	401 008 6702	CARBON 220 JA 1/2W
R116	401 026 9303	CARBON 47 JA 1/6W	R467	401 058 3706	OXIDE-MT 1K JA 1W
R121	401 027 0309	CARBON 47K JA 1/6W	R481	401 066 3507	OXIDE-MT 2.7 JA 2W
R124	401 027 5502	CARBON 6.8K JA 1/6W		401 066 3705	OXIDE-MT 2.7 JA 2W
R125	401 025 3807	CARBON 180 JA 1/6W	R485	401 060 1608	OXIDE-MT 22 JA 1W
R126	401 027 2600	CARBON 5.6K JA 1/6W		401 060 1707	OXIDE-MT 22 JA 1W
R127	401 024 6700	CARBON 100 JA 1/6W	R486	401 024 7400	CARBON 10K JA 1/6W
R128	401 027 2600	CARBON 5.6K JA 1/6W	R502	402 057 8105	WIRE WOUND 3.9 KA 6W
R129	401 024 7400	CARBON 10K JA 1/6W		402 057 8204	WIRE WOUND 3.9 KA 6W
R131	401 027 5502	CARBON 6.8K JA 1/6W	R511	401 027 2600	CARBON 5.6K JA 1/6W
R132	401 027 0309	CARBON 47K JA 1/6W	R515	401 025 8208	CARBON 22K JA 1/6W
R133	401 025 3807	CARBON 180 JA 1/6W	R517	401 027 8305	CARBON 820 JA 1/6W
R134	401 024 7004	CARBON 1K JA 1/6W	R519	401 008 6009	CARBON 22 JA 1/2W
R137	401 016 2604	CARBON 220 JA 1/4W	R520	401 000 5901	SOLID 120K KA 1/2W
R139	401 024 6700	CARBON 100 JA 1/6W	R521	401 000 5901	SOLID 120K KA 1/2W
R150	401 024 7004	CARBON 1K JA 1/6W	R522	401 014 5201	CARBON 15K JA 1/4W
R169	401 026 3905	CARBON 330 JA 1/6W	R523	401 026 4308	CARBON 3.3K JA 1/6W
R170	401 025 1902	CARBON 15K JA 1/6W	R524	401 069 1609	OXIDE-MT 68 JA 2W
R171	401 024 7400	CARBON 10K JA 1/6W		401 069 1708	OXIDE-MT 68 JA 2W
R172	401 027 2303	CARBON 560 JA 1/6W	R525	401 069 1708	OXIDE-MT 68 JA 2W
R173	401 025 1902	CARBON 15K JA 1/6W	R526	401 017 1507	CARBON 2.7K GA 1/4W
R177	401 025 8208	CARBON 22K JA 1/6W	△R531	402 000 8305	SOLID 5.6M KA 1/2W
R178	401 024 7400	CARBON 10K JA 1/6W	△R532	402 000 8305	SOLID 5.6M KA 1/2W
R183	401 024 7004	CARBON 1K JA 1/6W	R552	401 012 8105	CARBON 100K JA 1/4W
R184	401 026 4605	CARBON 33K JA 1/6W	R553	401 020 2003	CARBON 4.7K JA 1/4W
R185	401 017 6205	CARBON 3.3 JA 1/4W	R554	401 014 6109	CARBON 150K JA 1/4W
R188	401 007 7601	CARBON 150 JA 1/2W	R555	401 010 4307	CARBON 47K JA 1/2W
R189	401 007 7601	CARBON 150 JA 1/2W	R556	401 025 8208	CARBON 22K JA 1/6W
R202	401 024 7707	CARBON 100K JA 1/6W	R558	401 062 8001	OXIDE-MT 56K JA 1W
R203	401 024 6700	CARBON 100 JA 1/6W	R559	402 070 0803	FUSIBLE RES 6.8 J- 1/
R204	401 024 6700	CARBON 100 JA 1/6W	R561	401 069 0305	OXIDE-MT 6.8 JA 2W
R205	401 024 6700	CARBON 100 JA 1/6W		401 069 0404	OXIDE-MT 6.8 JA 2W
R213	401 026 7408	CARBON 39K JA 1/6W	R562	401 069 0305	OXIDE-MT 6.8 JA 2W
R214	401 026 7408	CARBON 39K JA 1/6W		401 069 0404	OXIDE-MT 6.8 JA 2W
R215	401 025 4200	CARBON 1.8K JA 1/6W	R568	401 063 5207	OXIDE-MT 82 JA 1W
R219	401 019 1000	CARBON 390 JA 1/4W		401 063 5306	OXIDE-MT 82 JA 1W
R223	401 027 0309	CARBON 47K JA 1/6W	R582	RS12201JGBAN	OXIDE-MT 2.2K JA 1W
R230	401 016 4806	CARBON 22K JA 1/4W		401 060 4104	OXIDE-MT 2.2K JA 1W
R231	401 014 6109	CARBON 150K JA 1/4W	R585	401 026 9600	CARBON 470 JA 1/6W
R232	401 024 7004	CARBON 1K JA 1/6W	R592	401 016 5803	CARBON 220K JA 1/4W
R233	401 000 7509	SOLID 1.5K KA 1/2W	R593	401 024 7400	CARBON 10K JA 1/6W
R235	401 026 7408	CARBON 39K JA 1/6W	R700	401 027 5502	CARBON 6.8K JA 1/6W
R275	401 025 7409	CARBON 220 JA 1/6W	R701	401 024 7400	CARBON 10K JA 1/6W
R308	401 025 8703	CARBON 220K JA 1/6W	R702	401 024 7400	CARBON 10K JA 1/6W
R401	401 024 6700	CARBON 100 JA 1/6W	R703	401 027 0309	CARBON 47K JA 1/6W
R402	401 024 8001	CARBON 1M JA 1/6W	R704	401 027 5908	CARBON 68K JA 1/6W
R403	401 024 6700	CARBON 100 JA 1/6W	R705	401 026 9907	CARBON 4.7K JA 1/6W
R404	401 025 8208	CARBON 22K JA 1/6W	R706	401 024 7400	CARBON 10K JA 1/6W
R405	401 024 6700	CARBON 100 JA 1/6W	R707	401 024 6700	CARBON 100 JA 1/6W
R406	401 026 7606	CARBON 390K JA 1/6W	R708	401 024 9701	CARBON 12K JA 1/6W
R407	401 025 8208	CARBON 22K JA 1/6W	R709	401 027 0309	CARBON 47K JA 1/6W
R408	401 024 6700	CARBON 100 JA 1/6W	R710	401 024 7004	CARBON 1K JA 1/6W
R409	401 026 9907	CARBON 4.7K JA 1/6W	R711	401 026 4308	CARBON 3.3K JA 1/6W
			R712	401 027 8305	CARBON 820 JA 1/6W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R713	401 024 9701	CARBON 12K JA 1/6W	R816	401 024 7400	CARBON 10K JA 1/6W
R715	401 026 4308	CARBON 3.3K JA 1/6W	R821	401 024 7707	CARBON 100K JA 1/6W
R716	401 025 1902	CARBON 15K JA 1/6W	R822	401 025 4606	CARBON 18K JA 1/6W
R717	401 027 5502	CARBON 6.8K JA 1/6W	R823	401 027 5502	CARBON 6.8K JA 1/6W
R718	401 025 1902	CARBON 15K JA 1/6W	R824	401 026 9907	CARBON 4.7K JA 1/6W
R721	401 025 1902	CARBON 15K JA 1/6W	R825	401 027 2600	CARBON 5.6K JA 1/6W
R722	401 027 5908	CARBON 68K JA 1/6W	R826	401 024 7400	CARBON 10K JA 1/6W
R723	401 026 1000	CARBON 2.7K JA 1/6W	R851	401 024 9701	CARBON 12K JA 1/6W
R724	401 025 1902	CARBON 15K JA 1/6W	R853	401 027 2303	CARBON 560 JA 1/6W
R726	401 024 7400	CARBON 10K JA 1/6W	R854	401 024 7707	CARBON 100K JA 1/6W
R727	401 026 4605	CARBON 33K JA 1/6W	R855	401 027 6608	CARBON 75 JA 1/6W
R728	401 027 2600	CARBON 5.6K JA 1/6W	R856	401 027 6608	CARBON 75 JA 1/6W
R729	401 025 1902	CARBON 15K JA 1/6W	R857	401 027 6608	CARBON 75 JA 1/6W
R730	401 025 8208	CARBON 22K JA 1/6W	R858	401 026 1307	CARBON 27K JA 1/6W
R732	401 026 4308	CARBON 3.3K JA 1/6W	R859	401 024 7400	CARBON 10K JA 1/6W
R733	401 026 4605	CARBON 33K JA 1/6W	R866	401 027 5205	CARBON 680 JA 1/6W
R735	401 025 1902	CARBON 15K JA 1/6W	R869	401 027 6608	CARBON 75 JA 1/6W
R738	401 027 2600	CARBON 5.6K JA 1/6W	R871	401 027 6608	CARBON 75 JA 1/6W
R739	401 025 1902	CARBON 15K JA 1/6W	R873	401 027 8602	CARBON 8.2K JA 1/6W
R741	401 024 7400	CARBON 10K JA 1/6W	R877	401 024 6700	CARBON 100 JA 1/6W
R743	401 025 1308	CARBON 150 JA 1/6W	R878	401 024 7004	CARBON 1K JA 1/6W
R744	401 026 9907	CARBON 4.7K JA 1/6W	R881	401 024 7004	CARBON 1K JA 1/6W
R745	401 025 1308	CARBON 150 JA 1/6W	R882	401 024 9305	CARBON 1.2K JA 1/6W
R746	401 026 9907	CARBON 4.7K JA 1/6W	R883	401 026 4308	CARBON 3.3K JA 1/6W
R747	401 024 6700	CARBON 100 JA 1/6W	R884	401 024 7004	CARBON 1K JA 1/6W
R748	401 024 6700	CARBON 100 JA 1/6W	R886	401 027 3003	CARBON 56K JA 1/6W
R749	401 024 9701	CARBON 12K JA 1/6W	R887	401 026 7408	CARBON 39K JA 1/6W
R750	401 024 9701	CARBON 12K JA 1/6W	R889	401 025 1605	CARBON 1.5K JA 1/6W
R751	401 027 5502	CARBON 6.8K JA 1/6W	R896	401 026 1000	CARBON 2.7K JA 1/6W
R752	401 024 9305	CARBON 1.2K JA 1/6W	R897	401 024 9305	CARBON 1.2K JA 1/6W
R753	401 026 4308	CARBON 3.3K JA 1/6W	VARIABLE RESISTER		
R754	401 027 8602	CARBON 8.2K JA 1/6W	VR120	610 019 3901	VR B-10K
R755	401 024 7400	CARBON 10K JA 1/6W		610 237 8733	VR B-10K
R756	401 026 9907	CARBON 4.7K JA 1/6W		610 239 7550	VR B-10K
R757	401 027 0309	CARBON 47K JA 1/6W	VR401	610 019 3901	VR B-10K
R758	401 025 1902	CARBON 15K JA 1/6W		610 237 8733	VR B-10K
R759	401 026 1307	CARBON 27K JA 1/6W		610 239 7550	VR B-10K
R760	401 019 1901	CARBON 3.9K JA 1/4W	VR451	610 019 3826	VR B-100
R761	401 068 4601	OXIDE-MT 4.7K JA 2W		610 231 3048	VR B-100
	401 068 4700	OXIDE-MT 4.7K JA 2W		610 232 7892	VR B-100
R762	401 025 8208	CARBON 22K JA 1/6W	VR551	610 019 3871	VR B-2K
R763	401 024 9701	CARBON 12K JA 1/6W		610 237 8719	VR B-2.2K
R764	401 024 7400	CARBON 10K JA 1/6W		610 239 7574	VR B-2K
R765	401 027 2600	CARBON 5.6K JA 1/6W	TRANSFORMER		
R767	401 024 6700	CARBON 100 JA 1/6W	T101	610 037 5727	S TRANS
R768	401 027 2600	CARBON 5.6K JA 1/6W	T121	610 037 4522	S COIL
R769	401 025 8208	CARBON 22K JA 1/6W	T431	610 000 1053	DRIVE TRANS
R772	401 024 7004	CARBON 1K JA 1/6W		610 000 1060	DRIVE TRANS
R773	401 024 7004	CARBON 1K JA 1/6W	△T471	610 233 5255	FBT
R779	401 024 7400	CARBON 10K JA 1/6W	△T511	610 221 0026	CONVERTER TRANS
R780	401 024 7707	CARBON 100K JA 1/6W		610 228 1552	CONVERTER TRANS
R781	401 026 9907	CARBON 4.7K JA 1/6W	△T581	610 033 3765	POWER TRANS
R782	401 025 8208	CARBON 22K JA 1/6W	COIL		
R783	401 027 2600	CARBON 5.6K JA 1/6W	L103	610 031 4177	PEAKING COIL
R784	401 027 2600	CARBON 5.6K JA 1/6W	L121	610 031 3873	PEAKING COIL 10UHK
R785	401 027 2600	CARBON 5.6K JA 1/6W	L126	610 031 4290	PEAKING COIL 8.2UHK
R790	401 024 7400	CARBON 10K JA 1/6W	L141	610 031 3873	PEAKING COIL 10UHK
R791	401 068 4700	OXIDE-MT 4.7K JA 2W	L161	610 031 3019	PEAKING COIL 10UHK
R792	401 025 1902	CARBON 15K JA 1/6W	L206	610 031 4290	PEAKING COIL 8.2UHK
R794	401 026 1307	CARBON 27K JA 1/6W	L207	610 031 4290	PEAKING COIL 8.2UHK
R801	401 026 6609	CARBON 390 JA 1/6W	L208	610 031 4290	PEAKING COIL 8.2UHK
R802	401 026 6609	CARBON 390 JA 1/6W	L291	401 012 3407	CARBON 10 JA 1/4W
R803	401 026 6609	CARBON 390 JA 1/6W	L431	645 002 2364	PIPECORE
R807	401 027 8602	CARBON 8.2K JA 1/6W	L432	645 002 2364	PIPECORE
R808	401 026 3905	CARBON 330 JA 1/6W	L441	610 000 0605	LINEARITY COIL
R811	401 024 7707	CARBON 100K JA 1/6W		610 210 8071	LINEARITY COIL
R812	401 025 4606	CARBON 18K JA 1/6W	L451	610 217 1655	PEAKING COIL 33UHK
R813	401 024 9701	CARBON 12K JA 1/6W		610 031 3354	PEAKING COIL
R814	401 026 1000	CARBON 2.7K JA 1/6W	L452	610 032 4381	FILTER COIL
R815	401 026 1000	CARBON 2.7K JA 1/6W			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
L501	610 032 4404	FILTER COIL	D515	407 013 1008	DIODE 1S1553
	645 003 4114	INDUCTOR 3.3UH		407 013 4306	DIODE 1S2076A
	610 031 5945	LINE FILTER		407 013 6508	DIODE 1S2471
	610 031 5969	LINE FILTER		407 104 2204	PHOTO COUPLE PC817B
	610 031 1589	INDUCTOR		407 104 2402	PHOTO COUPLE PC817C
	610 031 4214	PEAKING COIL		407 002 9602	PHOTO COUPLE TLP621-1-GB
	610 031 4214	PEAKING COIL		407 005 4505	DIODE DS442X
	610 031 4030	PEAKING COIL		407 013 1008	DIODE 1S1553
	610 031 4542	PEAKING COIL		407 013 4306	DIODE 1S2076A
	610 031 3873	PEAKING COIL 10UHK		407 013 6508	DIODE 1S2471
L511	610 031 1589	INDUCTOR	D516	407 007 6606	DIODE ES1
L702	610 031 4214	PEAKING COIL		407 007 6903	DIODE ES1Z
L703	610 031 4214	PEAKING COIL		408 009 9008	DIODE BYD33D
L704	610 031 4030	PEAKING COIL		407 005 4505	DIODE DS442X
L705	610 031 4542	PEAKING COIL		407 013 1008	DIODE 1S1553
L706	610 031 3873	PEAKING COIL 10UHK		407 013 4306	DIODE 1S2076A
L707	610 029 5926	PEAKING COIL 10UH K		407 013 6508	DIODE 1S2471
L708	610 029 5926	PEAKING COIL 10UH K		407 048 4005	ZENER DIODE EQA02-08A
L709	610 031 4504	PEAKING COIL		407 048 4203	ZENER DIODE EQA02-08B
DIODE D172	407 075 9905	ZENER DIODE EQA03-11A		407 151 9003	ZENER DIODE UZ-7.5BCC
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 151 9102	ZENER DIODE UZ-8.2BCA
	407 007 9904	DIODE GMA01	D551	407 007 7702	DIODE EU2A
	407 012 4406	DIODE 1SS133		408 009 9206	DIODE BYD33J
	407 012 5809	DIODE 1SS176		407 064 7004	DIODE 1S1835
	407 075 9905	ZENER DIODE EQA03-11A		407 007 7504	DIODE EU1C
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 007 6606	DIODE ES1
	407 075 9905	ZENER DIODE EQA03-11A		408 009 9305	DIODE BYD33G
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 013 1909	DIODE 1S1834
	407 075 9905	ZENER DIODE EQA03-11A		407 007 7801	DIODE EU2Z
	407 158 3400	ZENER DIODE UZ-11BSC TP		408 009 9305	DIODE BYD33G
	407 075 9905	ZENER DIODE EQA03-11A		407 013 1909	DIODE 1S1834
D192	407 007 9904	DIODE GMA01	D552	407 007 7603	DIODE EU2
D211	407 012 4406	DIODE 1SS133		407 007 7801	DIODE EU2Z
	407 012 5809	DIODE 1SS176		407 048 2407	ZENER DIODE EQA02-06E
	407 075 9905	ZENER DIODE EQA03-11A		407 048 2605	ZENER DIODE EQA02-06F
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 151 8600	ZENER DIODE UZ-6.2BCC
	407 075 9905	ZENER DIODE EQA03-11A		407 048 2001	ZENER DIODE EQA02-06B
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 151 8501	ZENER DIODE UZ-5.6BCC
	407 075 9905	ZENER DIODE EQA03-11A		407 005 7308	DIODE EMO1Z
	407 158 3400	ZENER DIODE UZ-11BSC TP		408 008 2406	DIODE 1N4148
	407 075 9905	ZENER DIODE EQA03-11A		407 013 1008	DIODE 1S1553
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 013 4306	DIODE 1S2076A
D212	407 075 9905	ZENER DIODE EQA03-11A	D591	407 013 6508	DIODE 1S2471
D213	407 158 3400	ZENER DIODE UZ-11BSC TP		407 005 4505	DIODE DS442X
D214	407 075 9905	ZENER DIODE EQA03-11A		408 008 2406	DIODE 1N4148
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 013 1206	DIODE 1S1555
	407 075 9905	ZENER DIODE EQA03-11A		407 013 4207	DIODE 1S2076
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 013 7109	DIODE 1S2473
	407 075 9905	ZENER DIODE EQA03-11A		407 007 9904	DIODE GMA01
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 012 4406	DIODE 1SS133
	407 075 9905	ZENER DIODE EQA03-11A		407 012 5809	DIODE 1SS176
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 005 4505	DIODE DS442X
	407 075 9905	ZENER DIODE EQA03-11A		408 008 2406	DIODE 1N4148
	407 158 3400	ZENER DIODE UZ-11BSC TP		407 013 1206	DIODE 1S1555
D231	407 005 4505	DIODE DS442X	D592	407 013 4207	DIODE 1S2076
D232	407 013 1008	DIODE 1S1553		407 013 7109	DIODE 1S2473
	407 013 4306	DIODE 1S2076A		407 007 9904	DIODE GMA01
	407 013 6508	DIODE 1S2471		407 012 4406	DIODE 1SS133
	407 007 9904	DIODE GMA01		407 012 5809	DIODE 1SS176
	407 012 4406	DIODE 1SS133		407 005 4505	DIODE DS442X
	407 012 5809	DIODE 1SS176		408 008 2406	DIODE 1N4148
	407 048 1202	ZENER DIODE EQA02-05E		407 013 1206	DIODE 1S1555
	407 163 8209	ZENER DIODE UZ-5.1BCC		407 013 4207	DIODE 1S2076
	407 048 4906	ZENER DIODE EQA02-09A		407 013 7109	DIODE 1S2473
	407 048 5101	ZENER DIODE EQA02-09B		407 007 9904	DIODE GMA01
D431	407 163 9909	ZENER DIODE UZ-9.1BCA-B	D593	407 012 4406	DIODE 1SS133
	407 162 2703	ZENER DIODE UZ-9.1BCB		407 012 5809	DIODE 1SS176
	407 006 6300	DIODE ERC05-10B		407 005 4505	DIODE DS442X
	407 009 6901	DIODE RM11C		408 008 2406	DIODE 1N4148
	407 064 6908	DIODE TVR4N(X)		407 013 1206	DIODE 1S1555
	407 005 7308	DIODE EMO1Z		407 013 4207	DIODE 1S2076
	408 009 9008	DIODE BYD33D		407 013 7109	DIODE 1S2473
	407 118 2207	ZENER DIODE 1Z75		407 007 9904	DIODE GMA01
	407 007 6606	DIODE ES1		407 012 4406	DIODE 1SS133
	408 009 9305	DIODE BYD33G		407 012 5809	DIODE 1SS176
D485	407 013 1909	DIODE 1S1834	D701	409 013 0104	IC HZT33
	407 005 4505	DIODE DS442X		409 026 8005	IC L5630
	408 008 2406	DIODE 1N4148		409 057 5103	IC UPC574J
	407 013 1206	DIODE 1S1555		407 007 9904	DIODE GMA01
	407 013 4207	DIODE 1S2076		407 012 4406	DIODE 1SS133
	407 013 7109	DIODE 1S2473		407 012 5809	DIODE 1SS176
	407 007 9904	DIODE GMA01		407 007 9904	DIODE GMA01
	407 012 4406	DIODE 1SS133		407 012 4406	DIODE 1SS133
	407 012 5809	DIODE 1SS176		407 012 5809	DIODE 1SS176
	407 005 4505	DIODE DS442X		407 007 9904	DIODE GMA01
D486	408 008 2406	DIODE 1N4148	D801	407 012 4406	DIODE 1SS133
	407 013 1206	DIODE 1S1555		407 012 5809	DIODE 1SS176
	407 013 4207	DIODE 1S2076		407 007 9904	DIODE GMA01
	407 013 7109	DIODE 1S2473		407 012 4406	DIODE 1SS133
	407 007 9904	DIODE GMA01		407 012 5809	DIODE 1SS176
	407 012 4406	DIODE 1SS133		407 007 9904	DIODE GMA01
	407 012 5809	DIODE 1SS176		407 012 4406	DIODE 1SS133
	407 005 4505	DIODE DS442X		407 012 5809	DIODE 1SS176
	408 008 2406	DIODE 1N4148		407 007 9904	DIODE GMA01
	407 013 1206	DIODE 1S1555		407 012 4406	DIODE 1SS133
D503	407 013 4207	DIODE 1S2076		407 012 5809	DIODE 1SS176
	407 013 7109	DIODE 1S2473		407 007 9904	DIODE GMA01
	407 007 9904	DIODE GMA01		407 012 4406	DIODE 1SS133
	407 012 4406	DIODE 1SS133		407 012 5809	DIODE 1SS176
	407 012 5809	DIODE 1SS176		407 007 9904	DIODE GMA01
	407 005 4505	DIODE DS442X		407 012 4406	DIODE 1SS133
	408 008 2406	DIODE 1N4148		407 012 5809	DIODE 1SS176
	407 013 1206	DIODE 1S1555		407 007 9904	DIODE GMA01
	407 013 4207	DIODE 1S2076		407 012 4406	DIODE 1SS133
	407 013 7109	DIODE 1S2473		407 012 5809	DIODE 1SS176
D504	407 007 9904	DIODE GMA01		407 007 9904	DIODE GMA01
	407 012 4406	DIODE 1SS133		407 012 4406	DIODE 1SS133
	407 012 5809	DIODE 1SS176		407 012 5809	DIODE 1SS176
	407 005 4505	DIODE DS442X		407 007 9904	DIODE GMA01
	408 008 2406	DIODE 1N4148		407 012 4406	DIODE 1SS133
	407 013 1206	DIODE 1S1555		407 012 5809	DIODE 1SS176
	407 013 4207	DIODE 1S2076		407 007 9904	DIODE GMA01
	407 013 7109	DIODE 1S2473		407 012 4406	DIODE 1SS133
	407 007 9904	DIODE GMA01		407 012 5809	DIODE 1SS176
	407 012 4406	DIODE 1SS133		407 007 9904	DIODE GMA01
D505	407 012 5809	DIODE 1SS176		407 012 4406	DIODE 1SS133
	407 005 4505	DIODE DS442X		407 012 5809	DIODE 1SS176
	408 008 2406	DIODE 1N4148		407 007 9904	DIODE GMA01
	407 013 1206	DIODE 1S1555		407 012 4406	DIODE 1SS133
	407 013 4207	DIODE 1S2076		407 012 5809	DIODE 1SS176
	407 013 7109	DIODE 1S2473		407 007 9904	DIODE GMA01
	407 007 9904	DIODE GMA01		407 012 4406	DIODE 1SS133
	407 012 4406	DIODE 1SS133		407 012 5809	DIODE 1SS176
	407 012 5809	DIODE 1SS176		407 007 9904	DIODE GMA01
	407 005 4505	DIODE DS442X		407 012 4406	DIODE 1SS133
D506	408 008 2406	DIODE 1N4148		407 012 5809	DIODE 1SS176
	407 013 1206	DIODE 1S1555		407 007 9904	DIODE GMA01
	407 013 4207	DIODE 1S2076		407 012 4406	DIODE 1SS133
	407 013 7109	DIODE 1S2473		407 012 5809	DIODE 1SS176
	407 007 9904	DIODE GMA01		407 007 9904	DIODE GMA01
	407 012 4406	DIODE 1SS133		407 012 4406	DIODE 1SS133
	407 012 5809	DIODE 1SS176		407 012 5809	DIODE 1SS176
	407 005 4505	DIODE DS442X		407 007 9904	DIODE GMA01
	408 008 2406	DIODE 1N4148		407 012 4406	DIODE 1SS133
	407 013 1206	DIODE 1S1555		407 012 5809	DIODE 1SS176
D514	407 013 4207	DIODE 1S2076		407 007 9904	DIODE GMA01
	407 013 7109	DIODE 1S2473		407 012 4406	DIODE 1SS133
	407 007 9904	DIODE GMA01		407 012 5809	DIODE 1SS176
	407 012 4406	DIODE 1SS133		407 007 9904	DIODE GMA01
	407 012 5809	DIODE 1SS176		407 012 4406	DIODE 1SS133
	407 005 4505	DIODE DS442X		407 012 5809	DIODE 1SS176
	408 008 2406	DIODE 1N4148		407 007 9904	DIODE GMA01
	407 013 1206	DIODE 1S1555		407 012 4406	DIODE 1SS133
	407 013 4207	DIODE 1S2076		407 012 5809	DIODE 1SS176
	407 013 7109	DIODE 1S2473		407 007 9904	DIODE GMA01

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
D802	407 012 5809	DIODE 1S176			
	407 005 4505	DIODE DS442X			
	408 008 2406	DIODE 1N4148			
	407 013 1206	DIODE 1S1555			
	407 013 4207	DIODE 1S2076			
	407 013 7109	DIODE 1S2473			
D803	407 042 7309	LED TLR144			
D804	407 055 7907	ZENER DIODE RD3. 6EL			
	407 151 8204	ZENER DIODE UZ-4. 3BQL			
D851	407 075 9905	ZENER DIODE EQA03-11A			
	407 158 3400	ZENER DIODE UZ-11BSC TP			
D875	407 075 9905	ZENER DIODE EQA03-11A			
	407 158 3400	ZENER DIODE UZ-11BSC TP			
MISCELLANEUS					
△F501	423 007 2103	FUSE 250V 4.0A			
	423 021 8006	FUSE 250V 4.0A			
A101	645 004 7725	TUNER, U/V			
A701	610 224 5806	RC PREAMP 409-1F			
K171	610 212 6334	PHONE JACK			
PS501	408 003 6805	THERMISTOR 902P44E180MR14			
	408 015 1904	THERMISTOR PA3A5180B270			
	408 000 3906	TH PTH451A13BGF180M270			
SW220	610 011 2728	LEVER SWITCH			
SW451	610 011 2728	LEVER SWITCH			
△SW501	610 218 9162	PUSH SWITCH			
SW703	610 011 4432	PUSH SWITCH			
SW704	610 011 4432	PUSH SWITCH			
SW705	610 011 4432	PUSH SWITCH			
SW706	610 011 4432	PUSH SWITCH			
SW707	610 011 4432	PUSH SWITCH			
SW708	610 011 4432	PUSH SWITCH			
X101	421 005 3405	SAW F TSF5352			
X126	610 015 2854	CERAMIC FILTER			
	610 015 3547	CERAMIC FILTER			
X152	610 012 0464	CERAMIC FILTER			
X201	645 000 2502	OSC, CRYSTAL 4. 433619MHZ			
	610 239 3347	CRYSTAL OSCILLATOR			
X701	610 012 2857	CERAMIC OSCILLATOR			
	610 212 8765	CERAMIC OSCILLATOR			
	610 237 7156	CERAMIC OSCILLATOR KBR-4.			
OUT OF CIRCUIT BOARD					
PICTURE TUBE					
△Q901	414 005 8105	CRT A51JFC61X(H) (R)			
COIL					
△L901	610 224 4243	DEGAUSSING COIL			
	610 227 7289	DEGAUSSING COIL			
△L902	610 228 6809	DEFLECTION YOKE			
	610 232 9735	DEFLECTION YOKE			
	610 222 7178	DEFLECTION YOKE			
MISCELLANEUS					
SP901	610 217 8845	SPEAKER			
T471-K6D	610 248 4441	FOCUS LEAD ASSY			
△W901	645 000 0652	CORD, POWER			
W902	610 024 2531	GROUNDING CONNECTOR			

CHASSIS ELECTRICAL PARTS LIST

Model C21PM45

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by a Δ mark 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., Part No., and descriptions. The main PCB unit will be supplied without tuner and flyback transformer. They should be ordered separately.

Read description in the Capacitor and Resister as follows:

CAPACITOR

CERAMIC 100P K 50V

Rated Voltage

Tolerance Symbols:

Less than 10PF

A: Not specified

D: ± 0.5 PF

R: $\pm 0.25 - 0$ PF

More than 10PF

A: Not specified

D: $\pm 0.5\%$

H: $\pm 3\%$

L: $\pm 15\%$

P: $\pm 100 - 0\%$

U: $\pm 75 - 10\%$

X: $\pm 40 - 20\%$

B: ± 0.1 PF

F: ± 1 PF

S: $\pm 0 - 0.25$ PF

B: $\pm 0.1\%$

F: $\pm 1\%$

J: $\pm 5\%$

M: $\pm 20\%$

Q: $\pm 30 - 10\%$

V: $\pm 20 - 10\%$

Y: $\pm 150 - 10\%$

C: ± 0.25 PF

G: ± 2 PF

E: $\pm 0 - 1$ PF

C: $\pm 0.25\%$

G: $\pm 2\%$

K: $\pm 10\%$

N: $\pm 30\%$

T: $\pm 50 - 10\%$

W: $\pm 100 - 10\%$

Z: $\pm 80 - 20\%$

Rated value: P=pico farad, U=Micro farad

Material :

CERAMIC.....Ceramic
MT- PAPER.....Metallized Paper
POLYESTER.....Polyester
MT- POLYEST.....Metallized Polyester
POLYPRO.....Polypropylene
MT- POLYPRO.....Metallized Polypropylene
COMPO FILM.....Composite film
MT- COMPO.....Metallized Composite
STYRENE.....Styrene
TA- SOLID.....Tantalum Solid
AL- SOLID.....Aluminium Solid
ELECT.....Electrolytic
NP- ELECT.....Non- polarized Electrolytic
OS- SOLID.....Aluminium Solid with Organic
Semiconductive Electrolytic
DL- ELECT.....Double Layered Electrolytic

RESISTER

CARBON 4.7K J A 1/4W

Rated Wattage

Performance Symbols:

A:General B:Non flammable Z:Low noise

Other :Temperature coefficient

Tolerance Symbols:

A: $\pm 0.05\%$ B: $\pm 0.1\%$ C: $\pm 0.25\%$ D: $\pm 0.5\%$

F: $\pm 1\%$ G: $\pm 2\%$ J: $\pm 5\%$ K: $\pm 10\%$

M: $\pm 20\%$ P: $\pm 5 - 15\%$

Rated value, ohms:

K:1,000, M:1,000,000

Material :

CARBONCarbon
MT- FILM.....Metal Film
OXIDE- MTOxide Metal Film
SOLIDComposition
MT- GLAZEMetal Glaze
WIRE WOUNDWire Wound
CERAMIC RES.....Ceramic
FUSIBLE RESFusible

Ref. No.

Part No.

Description

610 247 7825 CRT PCB ASSY E6RS UE2758

TRANSISTER

Q601	405 041 6507	TR 2SC2621-D-RA
	405 041 6705	TR 2SC2621-E-RA
	405 066 9903	TR 2SC2688(1)-K
	405 067 0008	TR 2SC2688(1)-L
	405 067 0107	TR 2SC2688(1)-M
Q611	405 041 6507	TR 2SC2621-D-RA
	405 041 6705	TR 2SC2621-E-RA
	405 066 9903	TR 2SC2688(1)-K
	405 067 0008	TR 2SC2688(1)-L
	405 067 0107	TR 2SC2688(1)-M
Q621	405 041 6507	TR 2SC2621-D-RA
	405 041 6705	TR 2SC2621-E-RA
	405 066 9903	TR 2SC2688(1)-K
	405 067 0008	TR 2SC2688(1)-L
	405 067 0107	TR 2SC2688(1)-M
Q640	406 000 6804	TR 2SA1015-GR(SAN)
	405 001 7407	TR 2SA1015-Q(SAN)
	405 001 7605	TR 2SA1015-Y(SAN)
	405 004 3109	TR 2SA564A-Q(CU)
	405 004 3208	TR 2SA564A-R(CU)
	405 004 4205	TR 2SA608-E-CTV-NP
	405 004 4809	TR 2SA608-F-CTV-NP
	405 006 1103	TR 2SA933-Q
	405 006 1202	TR 2SA933-R
	405 006 1707	TR 2SA933S-Q
	405 006 1806	TR 2SA933S-R
Q651	406 000 6804	TR 2SA1015-GR(SAN)
	405 001 7407	TR 2SA1015-Q(SAN)
	405 001 7605	TR 2SA1015-Y(SAN)
	405 004 3109	TR 2SA564A-Q(CU)
	405 004 3208	TR 2SA564A-R(CU)
	405 004 4205	TR 2SA608-E-CTV-NP
	405 004 4809	TR 2SA608-F-CTV-NP
	405 006 1103	TR 2SA933-Q
	405 006 1202	TR 2SA933-R
	405 006 1707	TR 2SA933S-Q
	405 006 1806	TR 2SA933S-R

CAPACITOR

C601	403 075 4209	CERAMIC	820P K	50V
C611	403 075 4209	CERAMIC	820P K	50V
C621	403 075 4209	CERAMIC	820P K	50V
C631	403 077 2708	CERAMIC	1000P P	2K
C651	403 157 9009	ELECT	0.47U M	250V

RESISTER

R601	401 018 2800	CARBON	330 JA	1/4W
R602	401 025 7805	CARBON	2.2K JA	1/6W
R603	401 024 7004	CARBON	1K JA	1/6W
R604	401 065 4604	OXIDE-MT	12K JA	2W
R605	401 002 0102	SOLID	3.3K KA	1/2W
R611	401 018 2800	CARBON	330 JA	1/4W
R612	401 025 7805	CARBON	2.2K JA	1/6W
R613	401 025 7805	CARBON	2.2K JA	1/6W
R614	401 065 4604	OXIDE-MT	12K JA	2W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R615	401 002 0102	SOLID 3. 3K KA 1/2W		405 011 8500	TR 2SC1740S-R
R621	401 018 2800	CARBON 330 JA 1/4W		405 011 8609	TR 2SC1740S-S
R622	401 025 7805	CARBON 2. 2K JA 1/6W		405 012 2002	TR 2SC1815-GR
R623	401 025 4200	CARBON 1. 8K JA 1/6W		405 012 2101	TR 2SC1815-0
R624	401 065 4604	OXIDE-MT 12K JA 2W		405 012 2309	TR 2SC1815-Y
R625	401 002 0102	SOLID 3. 3K KA 1/2W		405 019 1909	TR 2SC536-E-NP
R627	401 027 2303	CARBON 560 JA 1/6W		405 019 2708	TR 2SC536-F-NP
R631	401 001 7607	SOLID 270K KA 1/2W		405 019 3804	TR 2SC536-G-NP
R632	401 018 1605	CARBON 33 JA 1/4W		405 020 7501	TR 2SC945A-PA
R641	401 026 9907	CARBON 4. 7K JA 1/6W		405 020 7709	TR 2SC945A-QA
R642	401 026 4308	CARBON 3. 3K JA 1/6W		405 020 7907	TR 2SC945A-RA
R652	401 012 8105	CARBON 100K JA 1/4W		405 011 7305	TR 2SC1740-Q
R653	401 024 7707	CARBON 100K JA 1/6W		405 011 7404	TR 2SC1740-R
R654	401 024 6700	CARBON 100 JA 1/6W		405 011 7503	TR 2SC1740-S
VARIABLE RESISTER				405 011 8401	TR 2SC1740S-Q
VR601	610 019 0825	VR		405 011 8500	TR 2SC1740S-R
VR602	610 019 2881	VR 8CFRB-1K		405 011 8609	TR 2SC1740S-S
VR611	610 019 0825	VR		405 012 2002	TR 2SC1815-GR
VR612	610 019 2881	VR 8CFRB-1K		405 012 2101	TR 2SC1815-0
VR621	610 019 0825	VR		405 012 2309	TR 2SC1815-Y
VR640	610 019 2881	VR 8CFRB-1K		405 019 1909	TR 2SC536-E-NP
DIODE				405 019 2708	TR 2SC536-F-NP
D601	407 005 4505	DIODE DS442X		405 019 3804	TR 2SC536-G-NP
	408 008 2406	DIODE 1N4148		405 020 7501	TR 2SC945A-PA
	407 013 1206	DIODE 1S1555		405 020 7709	TR 2SC945A-QA
	407 013 4207	DIODE 1S2076		405 020 7907	TR 2SC945A-RA
	407 013 7109	DIODE 1S2473		405 011 7305	TR 2SC1740-Q
D611	407 005 4505	DIODE DS442X		405 011 7404	TR 2SC1740-R
	408 008 2406	DIODE 1N4148		405 011 7503	TR 2SC1740-S
	407 013 1206	DIODE 1S1555		405 011 8401	TR 2SC1740S-Q
	407 013 4207	DIODE 1S2076		405 011 8500	TR 2SC1740S-R
	407 013 7109	DIODE 1S2473		405 011 8609	TR 2SC1740S-S
D621	407 005 4505	DIODE DS442X		405 012 2002	TR 2SC1815-GR
	408 008 2406	DIODE 1N4148		405 012 2101	TR 2SC1815-0
	407 013 1206	DIODE 1S1555		405 012 2309	TR 2SC1815-Y
	407 013 4207	DIODE 1S2076		405 019 1909	TR 2SC536-E-NP
	407 013 7109	DIODE 1S2473		405 019 2708	TR 2SC536-F-NP
D651	407 005 4505	DIODE DS442X		405 019 3804	TR 2SC536-G-NP
	408 008 2406	DIODE 1N4148		405 020 7501	TR 2SC945A-PA
	407 013 1206	DIODE 1S1555		405 020 7709	TR 2SC945A-QA
	407 013 4207	DIODE 1S2076		405 020 7907	TR 2SC945A-RA
	407 013 7109	DIODE 1S2473		405 011 7305	TR 2SC1740-Q
MISCELLANEUS				405 011 7404	TR 2SC1740-R
△K601	610 010 7717	CRT SOCKET		405 011 7503	TR 2SC1740-S
610 248 8388 TEXT PCB ASSY E6KH UE2791A				405 011 8401	TR 2SC1740S-Q
TRANSISTER				405 011 8500	TR 2SC1740S-R
Q1001	405 011 7305	TR 2SC1740-Q		405 011 8609	TR 2SC1740S-S
	405 011 7404	TR 2SC1740-R		405 012 2002	TR 2SC1815-GR
	405 011 7503	TR 2SC1740-S		405 012 2101	TR 2SC1815-0
	405 011 8401	TR 2SC1740S-Q		405 012 2309	TR 2SC1815-Y
	405 011 8500	TR 2SC1740S-R		405 019 1909	TR 2SC536-E-NP
	405 011 8609	TR 2SC1740S-S		405 019 2708	TR 2SC536-F-NP
	405 012 2002	TR 2SC1815-GR		405 019 3804	TR 2SC536-G-NP
	405 012 2101	TR 2SC1815-0		405 020 7501	TR 2SC945A-PA
	405 012 2309	TR 2SC1815-Y		405 020 7709	TR 2SC945A-QA
	405 019 1909	TR 2SC536-E-NP		405 020 7907	TR 2SC945A-RA
	405 019 2708	TR 2SC536-F-NP		INTEGRATED CIRCUIT	
	405 019 3804	TR 2SC536-G-NP		IC1001	409 299 5701 IC SAA5244AP
	405 020 7501	TR 2SC945A-PA		CAPACITOR	
	405 020 7709	TR 2SC945A-QA		C1002	403 121 2302 ELECT 470U M 10V
	405 020 7907	TR 2SC945A-RA		C1003	403 166 6808 MT-POLYEST 0. 1U J 63V
Q1002	405 011 7305	TR 2SC1740-Q			403 067 5603 MT-COMPO 0. 1U J 50V
	405 011 7404	TR 2SC1740-R		C1004	403 008 5501 CERAMIC 10P D 50V
	405 011 7503	TR 2SC1740-S		C1005	403 012 4002 CERAMIC 15P J 50V
	405 011 8401	TR 2SC1740S-Q		C1006	403 056 7106 POLYESTER 1000P J 50V
					403 056 7700 POLYESTER 1000P J 50V
				C1007	403 166 6808 MT-POLYEST 0. 1U J 63V
					403 067 5603 MT-COMPO 0. 1U J 50V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C1008	403 166 6808	MT-POLYEST 0.1U J 63V	Q124	406 000 6804	TR 2SA1015-GR (SAN)
	403 067 5603	MT-COMPO 0.1U J 50V		405 001 7407	TR 2SA1015-0 (SAN)
C1009	403 166 6808	MT-POLYEST 0.1U J 63V		405 001 7605	TR 2SA1015-Y (SAN)
	403 067 5603	MT-COMPO 0.1U J 50V		405 004 3109	TR 2SA564A-Q (CU)
C1010	403 107 9905	ELECT 10U M 16V		405 004 3208	TR 2SA564A-R (CU)
C1011	403 166 6808	MT-POLYEST 0.1U J 63V		405 004 4205	TR 2SA608-E-CTV-NP
	403 067 5603	MT-COMPO 0.1U J 50V		405 004 4809	TR 2SA608-F-CTV-NP
C1012	403 166 6808	MT-POLYEST 0.1U J 63V		405 006 1103	TR 2SA933-Q
	403 067 5603	MT-COMPO 0.1U J 50V		405 006 1202	TR 2SA933-R
C1016	403 023 9607	CERAMIC 39P J 50V		405 006 1707	TR 2SA933S-Q
C1017	403 023 9607	CERAMIC 39P J 50V		405 006 1806	TR 2SA933S-R
RESISTER			Q171	405 011 7305	TR 2SC1740-Q
R1000	401 026 4308	CARBON 3.3K JA 1/6W		405 011 7404	TR 2SC1740-R
R1001	401 026 1307	CARBON 27K JA 1/6W		405 011 7503	TR 2SC1740-S
R1002	401 027 3003	CARBON 56K JA 1/6W		405 011 8401	TR 2SC1740S-Q
R1005	610 031 4177	PEAKING COIL		405 011 8500	TR 2SC1740S-R
R1008	610 031 4177	PEAKING COIL		405 011 8609	TR 2SC1740S-S
R1011	610 031 4177	PEAKING COIL		405 012 2002	TR 2SC1815-GR
R1012	401 024 7004	CARBON 1K JA 1/6W		405 012 2101	TR 2SC1815-0
R1013	401 026 3905	CARBON 330 JA 1/6W		405 012 2309	TR 2SC1815-Y
R1014	401 026 4308	CARBON 3.3K JA 1/6W		405 019 1909	TR 2SC536-E-NP
R1015	401 027 5908	CARBON 68K JA 1/6W		405 019 2708	TR 2SC536-F-NP
R1016	401 026 6609	CARBON 390 JA 1/6W		405 019 3804	TR 2SC536-G-NP
R1017	401 025 8208	CARBON 22K JA 1/6W		405 020 7501	TR 2SC945A-PA
R1018	401 024 7400	CARBON 10K JA 1/6W		405 020 7709	TR 2SC945A-QA
R1019	401 025 8208	CARBON 22K JA 1/6W	Q172	405 020 7907	TR 2SC945A-RA
R1020	401 024 6700	CARBON 100 JA 1/6W		405 011 7305	TR 2SC1740-Q
R1021	401 024 6700	CARBON 100 JA 1/6W		405 011 7404	TR 2SC1740-R
R1032	401 027 2600	CARBON 5.6K JA 1/6W		405 011 7503	TR 2SC1740-S
R1033	401 026 1307	CARBON 27K JA 1/6W		405 011 8401	TR 2SC1740S-Q
COIL				405 011 8500	TR 2SC1740S-R
L1001	610 031 4542	PEAKING COIL		405 011 8609	TR 2SC1740S-S
L1002	610 029 6220	PEAKING COIL 3.9UH K		405 012 2002	TR 2SC1815-GR
MISCELLANEOUS				405 012 2101	TR 2SC1815-0
X1001	610 231 5875	CRYSTAL OSCILLATOR		405 012 2309	TR 2SC1815-Y
	610 232 5546	CRYSTAL OSCILLATOR		405 019 1909	TR 2SC536-E-NP
610 255 7480	MAIN PCB ASSY E6RW-B UL0052B			405 019 2708	TR 2SC536-F-NP
TRANSISTER				405 019 3804	TR 2SC536-G-NP
Q101	405 013 3305	TR 2SC2216 (SAN)		405 020 7501	TR 2SC945A-PA
Q111	405 011 7305	TR 2SC1740-Q		405 020 7709	TR 2SC945A-QA
	405 011 7404	TR 2SC1740-R		405 020 7907	TR 2SC945A-RA
	405 011 7503	TR 2SC1740-S		405 011 7305	TR 2SC1740-Q
	405 011 8401	TR 2SC1740S-Q		405 011 7404	TR 2SC1740-R
	405 011 8500	TR 2SC1740S-R		405 011 7503	TR 2SC1740-S
	405 011 8609	TR 2SC1740S-S		405 011 8401	TR 2SC1740S-Q
	405 012 2002	TR 2SC1815-GR		405 011 8500	TR 2SC1740S-R
	405 012 2101	TR 2SC1815-0		405 011 8609	TR 2SC1740S-S
	405 012 2309	TR 2SC1815-Y		405 012 2002	TR 2SC1815-GR
	405 019 1909	TR 2SC536-E-NP		405 012 2101	TR 2SC1815-0
	405 019 2708	TR 2SC536-F-NP		405 012 2309	TR 2SC1815-Y
	405 019 3804	TR 2SC536-G-NP		405 019 1909	TR 2SC536-E-NP
	405 020 7501	TR 2SC945A-PA		405 019 2708	TR 2SC536-F-NP
	405 020 7709	TR 2SC945A-QA		405 019 3804	TR 2SC536-G-NP
	405 020 7907	TR 2SC945A-RA		405 020 7501	TR 2SC945A-PA
Q122	406 000 6804	TR 2SA1015-GR (SAN)	Q202	405 020 7709	TR 2SC945A-QA
	405 001 7407	TR 2SA1015-0 (SAN)		405 020 7907	TR 2SC945A-RA
	405 001 7605	TR 2SA1015-Y (SAN)		405 011 7305	TR 2SC1740-Q
	405 004 3109	TR 2SA564A-Q (CU)		405 011 7404	TR 2SC1740-R
	405 004 3208	TR 2SA564A-R (CU)		405 011 7503	TR 2SC1740-S
	405 004 4205	TR 2SA608-E-CTV-NP		405 011 8401	TR 2SC1740S-Q
	405 004 4809	TR 2SA608-F-CTV-NP		405 011 8500	TR 2SC1740S-R
	405 006 1103	TR 2SA933-Q		405 011 8609	TR 2SC1740S-S
	405 006 1202	TR 2SA933-R		405 012 2002	TR 2SC1815-GR
	405 006 1707	TR 2SA933S-Q		405 012 2101	TR 2SC1815-0
	405 006 1806	TR 2SA933S-R		405 012 2309	TR 2SC1815-Y
			Q291	405 019 1909	TR 2SC536-E-NP
				405 019 2708	TR 2SC536-F-NP
				405 019 3804	TR 2SC536-G-NP
				405 020 7501	TR 2SC945A-PA
				405 020 7709	TR 2SC945A-QA

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
Q431	405 020 7907	TR 2SC945A-RA		405 011 8500	TR 2SC1740S-R
	405 014 2406	TR 2SC2383-O (SAN)		405 011 8609	TR 2SC1740S-S
	405 014 2505	TR 2SC2383-R (SAN)		405 012 2002	TR 2SC1815-GR
Q432	405 022 6809	TR 2SD1651-CTV-YB		405 012 2101	TR 2SC1815-O
Q511	406 000 6804	TR 2SA1015-GR (SAN)		405 012 2309	TR 2SC1815-Y
	405 001 7407	TR 2SA1015-O (SAN)		405 019 1909	TR 2SC536-E-NP
	405 001 7605	TR 2SA1015-Y (SAN)		405 019 2708	TR 2SC536-F-NP
	405 004 3109	TR 2SA564A-Q (CU)		405 019 3804	TR 2SC536-G-NP
	405 004 3208	TR 2SA564A-R (CU)		405 020 7501	TR 2SC945A-PA
	405 004 4205	TR 2SA608-E-CTV-NP		405 020 7709	TR 2SC945A-QA
	405 004 4809	TR 2SA608-F-CTV-NP		405 020 7907	TR 2SC945A-RA
	405 006 1103	TR 2SA933-Q	Q704	405 011 7305	TR 2SC1740-Q
	405 006 1202	TR 2SA933-R		405 011 7404	TR 2SC1740-R
	405 006 1707	TR 2SA933S-Q		405 011 7503	TR 2SC1740-S
	405 006 1806	TR 2SA933S-R		405 011 8401	TR 2SC1740S-Q
Q512	405 058 0208	TR 2SC3807-R-CTV-YA		405 011 8500	TR 2SC1740S-R
Q513	405 022 8506	TR 2SD1710-CTV-YB		405 011 8609	TR 2SC1740S-S
Q553	405 011 7305	TR 2SC1740-Q		405 012 2002	TR 2SC1815-GR
	405 011 7404	TR 2SC1740-R		405 012 2101	TR 2SC1815-O
	405 011 7503	TR 2SC1740-S		405 012 2309	TR 2SC1815-Y
	405 011 8401	TR 2SC1740S-Q		405 019 1909	TR 2SC536-E-NP
	405 011 8500	TR 2SC1740S-R		405 019 2708	TR 2SC536-F-NP
	405 011 8609	TR 2SC1740S-S		405 019 3804	TR 2SC536-G-NP
	405 012 2002	TR 2SC1815-GR		405 020 7501	TR 2SC945A-PA
	405 012 2101	TR 2SC1815-O		405 020 7709	TR 2SC945A-QA
	405 012 2309	TR 2SC1815-Y		405 020 7907	TR 2SC945A-RA
	405 019 1909	TR 2SC536-E-NP	Q705	406 000 6804	TR 2SA1015-GR (SAN)
	405 019 2708	TR 2SC536-F-NP		405 001 7407	TR 2SA1015-O (SAN)
	405 019 3804	TR 2SC536-G-NP		405 001 7605	TR 2SA1015-Y (SAN)
	405 020 7501	TR 2SC945A-PA		405 004 3109	TR 2SA564A-Q (CU)
	405 020 7709	TR 2SC945A-QA		405 004 3208	TR 2SA564A-R (CU)
	405 020 7907	TR 2SC945A-RA		405 004 4205	TR 2SA608-E-CTV-NP
Q581	405 014 8408	TR 2SC2568(1)-K		405 004 4809	TR 2SA608-F-CTV-NP
	405 014 8507	TR 2SC2568(1)-L		405 006 1103	TR 2SA933-Q
	405 041 6507	TR 2SC2621-D-RA		405 006 1202	TR 2SA933-R
	405 041 6705	TR 2SC2621-E-RA		405 006 1707	TR 2SA933S-Q
Q701	405 011 7305	TR 2SC1740-Q	Q706	405 006 1806	TR 2SA933S-R
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
Q702	405 011 7305	TR 2SC1740-Q	Q707	405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
Q703	405 011 7305	TR 2SC1740-Q	Q708	405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
Q711	405 011 8401	TR 2SC1740S-Q	Q718	405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-0		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-0
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R	Q721	406 000 6804	TR 2SA1015-GR (SAN)
	405 011 7503	TR 2SC1740-S		405 001 7407	TR 2SA1015-0 (SAN)
	405 011 8401	TR 2SC1740S-Q		405 001 7605	TR 2SA1015-Y (SAN)
	405 011 8500	TR 2SC1740S-R		405 004 3109	TR 2SA564A-Q (CU)
	405 011 8609	TR 2SC1740S-S		405 004 3208	TR 2SA564A-R (CU)
	405 012 2002	TR 2SC1815-GR		405 004 4205	TR 2SA608-E-CTV-NP
	405 012 2101	TR 2SC1815-0		405 004 4809	TR 2SA608-F-CTV-NP
	405 012 2309	TR 2SC1815-Y		405 006 1103	TR 2SA933-Q
	405 019 1909	TR 2SC536-E-NP		405 006 1202	TR 2SA933-R
	405 019 2708	TR 2SC536-F-NP		405 006 1707	TR 2SA933S-Q
Q713	405 019 3804	TR 2SC536-G-NP		405 006 1806	TR 2SA933S-R
	405 020 7501	TR 2SC945A-PA	Q722	405 011 7305	TR 2SC1740-Q
	405 020 7709	TR 2SC945A-QA		405 011 7404	TR 2SC1740-R
	405 020 7907	TR 2SC945A-RA		405 011 7503	TR 2SC1740-S
	406 000 6804	TR 2SA1015-GR (SAN)		405 011 8401	TR 2SC1740S-Q
	405 001 7407	TR 2SA1015-0 (SAN)		405 011 8500	TR 2SC1740S-R
	405 001 7605	TR 2SA1015-Y (SAN)		405 011 8609	TR 2SC1740S-S
	405 004 3109	TR 2SA564A-Q (CU)		405 012 2002	TR 2SC1815-GR
	405 004 3208	TR 2SA564A-R (CU)		405 012 2101	TR 2SC1815-0
	405 004 4205	TR 2SA608-E-CTV-NP		405 012 2309	TR 2SC1815-Y
	405 004 4809	TR 2SA608-F-CTV-NP	Q723	405 019 1909	TR 2SC536-E-NP
Q714	405 006 1103	TR 2SA933-Q		405 019 2708	TR 2SC536-F-NP
	405 006 1202	TR 2SA933-R		405 019 3804	TR 2SC536-G-NP
	405 006 1707	TR 2SA933S-Q		405 020 7501	TR 2SC945A-PA
	405 006 1806	TR 2SA933S-R		405 020 7709	TR 2SC945A-QA
	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R		405 020 7907	TR 2SC945A-RA
	405 011 7503	TR 2SC1740-S	Q781	405 011 7305	TR 2SC1740-Q
	405 011 8401	TR 2SC1740S-Q		405 011 7404	TR 2SC1740-R
	405 011 8500	TR 2SC1740S-R		405 011 7503	TR 2SC1740-S
	405 011 8609	TR 2SC1740S-S		405 011 8401	TR 2SC1740S-Q
	405 012 2002	TR 2SC1815-GR		405 011 8500	TR 2SC1740S-R
Q715	405 012 2101	TR 2SC1815-0		405 011 8609	TR 2SC1740S-S
	405 012 2309	TR 2SC1815-Y		405 012 2002	TR 2SC1815-GR
	405 019 1909	TR 2SC536-E-NP		405 012 2101	TR 2SC1815-0
	405 019 2708	TR 2SC536-F-NP		405 012 2309	TR 2SC1815-Y
	405 019 3804	TR 2SC536-G-NP		405 019 1909	TR 2SC536-E-NP
	405 020 7501	TR 2SC945A-PA		405 019 2708	TR 2SC536-F-NP
	405 020 7709	TR 2SC945A-QA		405 019 3804	TR 2SC536-G-NP
	405 020 7907	TR 2SC945A-RA		405 020 7501	TR 2SC945A-PA
	405 011 7305	TR 2SC1740-Q		405 020 7709	TR 2SC945A-QA
	405 011 7404	TR 2SC1740-R		405 020 7907	TR 2SC945A-RA
Q716	405 011 7503	TR 2SC1740-S		405 011 7305	TR 2SC1740-Q
	405 011 8401	TR 2SC1740S-Q		405 011 7404	TR 2SC1740-R
	405 011 8500	TR 2SC1740S-R			
	405 011 8609	TR 2SC1740S-S			
	405 012 2002	TR 2SC1815-GR			
	405 012 2101	TR 2SC1815-0			
	405 012 2309	TR 2SC1815-Y			
	405 019 1909	TR 2SC536-E-NP			
	405 019 2708	TR 2SC536-F-NP			
	405 019 3804	TR 2SC536-G-NP			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
Q855	405 011 7404	TR 2SC1740-R	Q881	405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R	Q891	405 011 7305	TR 2SC1740-Q
	405 011 7503	TR 2SC1740-S		405 011 7404	TR 2SC1740-R
	405 011 8401	TR 2SC1740S-Q		405 011 7503	TR 2SC1740-S
	405 011 8500	TR 2SC1740S-R		405 011 8401	TR 2SC1740S-Q
	405 011 8609	TR 2SC1740S-S		405 011 8500	TR 2SC1740S-R
	405 012 2002	TR 2SC1815-GR		405 011 8609	TR 2SC1740S-S
	405 012 2101	TR 2SC1815-O		405 012 2002	TR 2SC1815-GR
	405 012 2309	TR 2SC1815-Y		405 012 2101	TR 2SC1815-O
	405 019 1909	TR 2SC536-E-NP		405 012 2309	TR 2SC1815-Y
	405 019 2708	TR 2SC536-F-NP		405 019 1909	TR 2SC536-E-NP
	405 019 3804	TR 2SC536-G-NP		405 019 2708	TR 2SC536-F-NP
Q856	405 020 7501	TR 2SC945A-PA		405 019 3804	TR 2SC536-G-NP
	405 020 7709	TR 2SC945A-QA		405 020 7501	TR 2SC945A-PA
	405 020 7907	TR 2SC945A-RA		405 020 7709	TR 2SC945A-QA
	405 011 7305	TR 2SC1740-Q		405 020 7907	TR 2SC945A-RA
	405 011 7404	TR 2SC1740-R	INTEGRATED CIRCUIT		
	405 011 7503	TR 2SC1740-S	IC101	409 309 6209	IC TDA8361/N3
	405 011 8401	TR 2SC1740S-Q	IC171	409 073 1509	IC AN5265
	405 011 8500	TR 2SC1740S-R	IC270	409 291 0605	IC TDA4661/V2
	405 011 8609	TR 2SC1740S-S	IC290	409 132 7909	IC MC14053BCP
	405 012 2002	TR 2SC1815-GR		409 051 3006	IC TC4053BP
	405 012 2101	TR 2SC1815-O		409 059 2407	IC UPD4053BC
	405 012 2309	TR 2SC1815-Y	IC451	409 183 5008	IC LA7832
	405 019 1909	TR 2SC536-E-NP	IC551	409 143 3402	IC AN78M12-LB
	405 019 2708	TR 2SC536-F-NP		409 026 9507	IC L78M12-RA
	405 019 3804	TR 2SC536-G-NP	IC552	409 285 5203	IC L78M08-RA
	405 020 7501	TR 2SC945A-PA	IC701	410 191 6901	IC M37210M3-621SP
	405 020 7709	TR 2SC945A-QA	IC710	409 019 6209	IC LA7910
	405 020 7907	TR 2SC945A-RA	IC720	409 243 4200	IC MN1380-R
Q857	405 011 7305	TR 2SC1740-Q	IC790	409 270 0008	IC ST24C01B1
	405 011 7404	TR 2SC1740-R		409 307 1701	IC 24C01A/P
	405 011 7503	TR 2SC1740-S	CAPACITOR		
	405 011 8401	TR 2SC1740S-Q	C101	403 125 5606	ELECT 100U M 16V
	405 011 8500	TR 2SC1740S-R	C102	403 061 9607	POLYESTER 0.047U J 50V
	405 011 8609	TR 2SC1740S-S		403 062 0207	POLYESTER 0.047U J 50V
	405 012 2002	TR 2SC1815-GR	C103	403 121 3507	ELECT 4.7U M 50V
	405 012 2101	TR 2SC1815-O	C104	403 121 2401	ELECT 22U M 16V
	405 012 2309	TR 2SC1815-Y	C105	403 166 8307	MT-POLYEST 0.15U J 63V
	405 019 1909	TR 2SC536-E-NP		403 067 6204	MT-COMPO 0.15U J 50V
	405 019 2708	TR 2SC536-F-NP	C106	403 109 6407	ELECT 10U M 50V
	405 019 3804	TR 2SC536-G-NP	C107	403 125 5507	ELECT 1000U M 16V
	405 020 7501	TR 2SC945A-PA	C108	403 009 3407	CERAMIC 100P J 50V
	405 020 7709	TR 2SC945A-QA	C109	403 009 3407	CERAMIC 100P J 50V
	405 020 7907	TR 2SC945A-RA	C110	403 022 6300	CERAMIC 33P J 50V
Q858	406 000 6804	TR 2SA1015-GR(SAN)	C113	403 069 8305	CERAMIC 0.01U Z 50V
	405 001 7407	TR 2SA1015-O(SAN)	C114	403 069 8305	CERAMIC 0.01U Z 50V
	405 001 7605	TR 2SA1015-Y(SAN)	C115	403 069 8305	CERAMIC 0.01U Z 50V
	405 004 3109	TR 2SA564A-Q(CU)	C117	403 134 9602	ELECT 47U M 16V
	405 004 3208	TR 2SA564A-R(CU)	C119	403 010 5704	CERAMIC 12P J 50V
	405 004 4205	TR 2SA608-E-CTV-NP	C121	403 166 7706	MT-POLYEST 0.47U J 63V
	405 004 4809	TR 2SA608-F-CTV-NP		403 067 7805	MT-COMPO 0.47U J 50V
	405 006 1103	TR 2SA933-Q	C122	403 166 6808	MT-POLYEST 0.1U J 63V
	405 006 1202	TR 2SA933-R		403 067 5603	MT-COMPO 0.1U J 50V
	405 006 1707	TR 2SA933S-Q			
	405 006 1806	TR 2SA933S-R			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C123	403 109 6407	ELECT 10U M 50V	C402	403 062 0306	POLYESTER 0.047U K 50V
C126	403 061 2202	POLYESTER 3900P K 50V		403 062 1006	POLYESTER 0.047U K 50V
	403 061 2707	POLYESTER 3900P K 50V	C403	403 061 8105	POLYESTER 4700P K 50V
C128	403 121 3408	ELECT 2.2U M 50V		403 061 8808	POLYESTER 4700P K 50V
C129	403 028 1606	CERAMIC 56P J 50V	C404	403 086 2300	NP-ELECT 1U M 50V
C130	403 069 8305	CERAMIC 0.01U Z 50V	C405	403 060 0506	POLYESTER 2700P K 50V
C131	403 121 3507	ELECT 4.7U M 50V		403 060 1107	POLYESTER 2700P K 50V
C132	403 166 6808	MT-POLYEST 0.1U J 63V	C406	403 059 5901	POLYESTER 0.022U K 50V
	403 067 5603	MT-COMPO 0.1U J 50V		403 059 6700	POLYESTER 0.022U K 50V
C134	403 069 0507	CERAMIC 1000P K 50V	C407	403 125 5606	ELECT 100U M 16V
C135	403 166 6808	MT-POLYEST 0.1U J 63V	C431	403 062 6902	POLYESTER 0.056U K 50V
	403 067 5603	MT-COMPO 0.1U J 50V		403 062 7404	POLYESTER 0.056U K 50V
C136	403 134 5802	ELECT 470U M 16V	C432	403 075 7101	CERAMIC 1000P K 500V
C137	403 166 6808	MT-POLYEST 0.1U J 63V	C433	403 076 3102	CERAMIC 3900P K 500V
	403 067 5603	MT-COMPO 0.1U J 50V	C434	403 135 9403	ELECT 47U M 35V
C143	403 011 3808	CERAMIC 120P J 50V	C435	404 030 6702	MT-POLYPRO 8200P J 1.5K
C172	403 166 7706	MT-POLYEST 0.47U J 63V		404 030 6801	MT-POLYPRO 8200P J 1.5K
	403 067 7805	MT-COMPO 0.47U J 50V	C436	403 165 7202	CERAMIC 390P K 3K
C173	403 059 3600	POLYESTER 2200P K 50V		403 185 9903	CERAMIC 390P K 3K
	403 059 4201	POLYESTER 2200P K 50V	C437	403 067 7805	MT-COMPO 0.47U J 50V
C174	403 134 5901	ELECT 33U M 16V	C441	403 082 7408	POLYPRO 0.15U J 200V
C178	403 121 2401	ELECT 22U M 16V	C442	403 082 7408	POLYPRO 0.15U J 200V
C180	403 166 6808	MT-POLYEST 0.1U J 63V	C443	403 134 1903	ELECT 4.7U M 160V
	403 067 5603	MT-COMPO 0.1U J 50V	C444	403 165 7202	CERAMIC 390P K 3K
C181	403 045 1801	ELECT 1000U M 25V		403 185 9903	CERAMIC 390P K 3K
C182	403 107 9905	ELECT 10U M 16V	C445	403 076 1405	CERAMIC 2700P K 500V
C183	403 107 9905	ELECT 10U M 16V	C451	403 148 2002	ELECT 470U M 35V
C184	403 166 8109	MT-POLYEST 0.22U J 63V	C452	403 148 1807	ELECT 220U M 35V
	403 067 6709	MT-COMPO 0.22U J 50V	C453	403 036 0806	CERAMIC 39P J 500V
C185	403 111 8604	ELECT 470U M 25V	C454	403 056 9506	POLYESTER 0.01U J 50V
C186	403 069 8305	CERAMIC 0.01U Z 50V	C455	403 274 9203	POLYESTER 820P J 100V
C187	403 166 8109	MT-POLYEST 0.22U J 63V	C456	403 109 6407	ELECT 10U M 50V
	403 067 6709	MT-COMPO 0.22U J 50V	C461	403 135 0004	ELECT 2200U M 25V
C188	403 121 3507	ELECT 4.7U M 50V	C463	403 178 4007	POLYESTER 0.1U J 100V
C192	403 134 6007	ELECT 330U M 16V	C485	403 125 5507	ELECT 102U M 16V
C200	403 014 0200	CERAMIC 18P J 50V	C502	403 067 2008	MT-POLYEST 0.22U K 630V
C202	403 166 6808	MT-POLYEST 0.1U J 63V		403 067 2008	MT-POLYEST 0.22U K 630V
	403 067 5603	MT-COMPO 0.1U J 50V	C503	403 076 7100	CERAMIC 1000P M 1K
C203	403 061 8105	POLYESTER 4700P K 50V	C504	403 076 7100	CERAMIC 1000P M 1K
	403 061 8808	POLYESTER 4700P K 50V	C505	403 076 7100	CERAMIC 1000P M 1K
C204	403 166 6808	MT-POLYEST 0.1U J 63V	C506	403 076 7100	CERAMIC 1000P M 1K
	403 067 5603	MT-COMPO 0.1U J 50V	C507	404 047 1806	ELECT 100U M 400V
C205	403 166 6808	MT-POLYEST 0.1U J 63V	C513	403 061 8105	POLYESTER 4700P K 50V
	403 067 5603	MT-COMPO 0.1U J 50V		403 061 8808	POLYESTER 4700P K 50V
C208	403 166 6808	MT-POLYEST 0.1U J 63V	C514	403 166 6808	MT-POLYEST 0.1U J 63V
	403 067 5603	MT-COMPO 0.1U J 50V		403 067 5603	MT-COMPO 0.1U J 50V
C209	403 166 6808	MT-POLYEST 0.1U J 63V	C515	403 058 2406	POLYESTER 0.015U J 50V
	403 067 5603	MT-COMPO 0.1U J 50V		403 058 3007	POLYESTER 0.015U J 50V
C210	403 166 6808	MT-POLYEST 0.1U J 63V	C516	403 165 8407	CERAMIC 680P K 2K
	403 067 5603	MT-COMPO 0.1U J 50V		403 077 9103	CERAMIC 680P K 2K
C215	403 166 7706	MT-POLYEST 0.47U J 63V	C517	403 058 3205	POLYESTER 0.015U K 50V
	403 067 7805	MT-COMPO 0.47U J 50V		403 058 3809	POLYESTER 0.015U K 50V
C216	403 166 6808	MT-POLYEST 0.1U J 63V	C518	403 076 7100	CERAMIC 1000P M 1K
	403 067 5603	MT-COMPO 0.1U J 50V	△C531	404 008 2507	CERAMIC 2200P M 400V
C217	403 121 3507	ELECT 4.7U M 50V		404 008 4105	CERAMIC 2200P M 400V
C221	403 166 6808	MT-POLYEST 0.1U J 63V	C532	404 008 4006	CERAMIC 100P M 400V
	403 067 5603	MT-COMPO 0.1U J 50V		404 051 8709	CERAMIC 100P K 400V
C231	403 191 4503	NP-ELECT 0.47U M 160	C534	404 008 2705	CERAMIC 470P K 400V
C232	403 138 1602	ELECT 1U M 100V		404 008 3108	CERAMIC 470P M 400V
C270	403 059 5901	POLYESTER 0.022U K 50V	C551	403 165 8605	CERAMIC 470P K 2K
	403 059 6700	POLYESTER 0.022U K 50V		403 186 1302	CERAMIC 470P K 2K
C271	403 069 0507	CERAMIC 1000P K 50V	C552	403 167 8603	CERAMIC 220P K 2K
C272	403 069 0507	CERAMIC 1000P K 50V		403 186 2101	CERAMIC 220P K 2K
C275	403 107 9905	ELECT 10U M 16V	C553	403 165 6106	CERAMIC 470P K 1K
C291	403 069 8305	CERAMIC 0.01U Z 50V		403 186 2903	CERAMIC 470P K 1K
C292	403 166 6808	MT-POLYEST 0.1U J 63V	C554	403 165 6106	CERAMIC 470P K 1K
	403 067 5603	MT-COMPO 0.1U J 50V		403 186 2903	CERAMIC 470P K 1K
C293	403 134 6007	ELECT 330U M 16V	C555	403 165 6106	CERAMIC 470P K 1K
C401	403 166 6808	MT-POLYEST 0.1U J 63V		403 186 2903	CERAMIC 470P K 1K
	403 067 5603	MT-COMPO 0.1U J 50V	C561	404 042 4703	ELECT 220U M 160V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C562	403 055 5509	ELECT 22U M 200V	R133	401 025 3807	CARBON 180 JA 1/6W
C563	403 108 0208	ELECT 330U M 35V	R134	401 024 7004	CARBON 1K JA 1/6W
C564	403 148 0404	ELECT 1000U M 25V	R137	401 016 2604	CARBON 220 JA 1/4W
C565	403 148 0404	ELECT 1000U M 25V	R139	401 024 6700	CARBON 100 JA 1/6W
C571	403 148 0305	ELECT 470U M 16V	R150	401 024 7004	CARBON 1K JA 1/6W
C572	403 148 0305	ELECT 470U M 16V	R169	401 026 3905	CARBON 330 JA 1/6W
C582	403 135 8307	ELECT 470U M 50V	R170	401 025 1902	CARBON 15K JA 1/6W
C583	403 107 9509	ELECT 100U M 10V	R171	401 024 7400	CARBON 10K JA 1/6W
C701	403 056 7106	POLYESTER 1000P J 50V	R172	401 027 2303	CARBON 560 JA 1/6W
C702	403 024 6902	CERAMIC 390P J 50V	R173	401 025 1902	CARBON 15K JA 1/6W
C704	403 068 9006	CERAMIC 100P K 50V	R177	401 025 8208	CARBON 22K JA 1/6W
C705	403 068 9006	CERAMIC 100P K 50V	R178	401 024 7400	CARBON 10K JA 1/6W
C706	403 068 9006	CERAMIC 100P K 50V	R183	401 024 7004	CARBON 1K JA 1/6W
C707	403 068 9006	CERAMIC 100P K 50V	R184	401 026 4605	CARBON 33K JA 1/6W
C709	403 109 6308	ELECT 1U M 50V	R185	401 017 6205	CARBON 3.3 JA 1/4W
C710	403 009 3100	CERAMIC 100P J 50V	R188	401 007 7601	CARBON 150 JA 1/2W
C711	403 121 3507	ELECT 4.7U M 50V	R189	401 007 7601	CARBON 150 JA 1/2W
C712	403 121 3507	ELECT 4.7U M 50V	R202	401 024 7707	CARBON 100K JA 1/6W
C713	403 109 6407	ELECT 10U M 50V	R203	401 024 6700	CARBON 100 JA 1/6W
C714	403 109 6407	ELECT 10U M 50V	R204	401 024 6700	CARBON 100 JA 1/6W
C716	403 121 3507	ELECT 4.7U M 50V	R205	401 024 6700	CARBON 100 JA 1/6W
C717	403 071 1707	CERAMIC 180P K 50V	R213	401 026 7408	CARBON 39K JA 1/6W
C718	403 069 8305	CERAMIC 0.01U Z 50V	R214	401 026 7408	CARBON 39K JA 1/6W
C719	403 073 3907	CERAMIC 3900P K 50V	R215	401 025 4200	CARBON 1.8K JA 1/6W
C721	403 166 6808	MT-POLYEST 0.1U J 63V	R219	401 019 1000	CARBON 390 JA 1/4W
	403 067 5603	MT-COMPO 0.1U J 50V	R223	401 027 0309	CARBON 47K JA 1/6W
C722	403 134 9602	ELECT 47U M 16V	R230	401 016 4806	CARBON 22K JA 1/4W
C723	403 026 0700	CERAMIC 47P J 50V	R231	401 014 6109	CARBON 150K JA 1/4W
C724	403 026 0700	CERAMIC 47P J 50V	R232	401 024 7004	CARBON 1K JA 1/6W
C725	403 069 8305	CERAMIC 0.01U Z 50V	R233	401 000 7509	SOLID 1.5K KA 1/2W
C726	403 072 7708	CERAMIC 330P K 50V	R235	401 026 7408	CARBON 39K JA 1/6W
C728	403 069 8305	CERAMIC 0.01U Z 50V	R275	401 025 7409	CARBON 220 JA 1/6W
C729	403 107 9905	ELECT 10U M 16V	R291	401 025 7409	CARBON 220 JA 1/6W
C731	403 166 6808	MT-POLYEST 0.1U J 63V	R292	401 025 7409	CARBON 220 JA 1/6W
	403 067 5603	MT-COMPO 0.1U J 50V	R308	401 025 8703	CARBON 220K JA 1/6W
C732	403 166 6808	MT-POLYEST 0.1U J 63V	R401	401 024 6700	CARBON 100 JA 1/6W
	403 067 5603	MT-COMPO 0.1U J 50V	R402	401 024 8001	CARBON 1M JA 1/6W
C741	403 166 6808	MT-POLYEST 0.1U J 63V	R403	401 024 6700	CARBON 100 JA 1/6W
	403 067 5603	MT-COMPO 0.1U J 50V	R404	401 025 8208	CARBON 22K JA 1/6W
C743	403 072 8200	CERAMIC 330P K 50V	R405	401 024 6700	CARBON 100 JA 1/6W
C744	403 072 8200	CERAMIC 330P K 50V	R406	401 026 7606	CARBON 390K JA 1/6W
C745	403 072 8200	CERAMIC 330P K 50V	R407	401 025 8208	CARBON 22K JA 1/6W
C746	403 057 0403	POLYESTER 0.01U K 50V	R408	401 024 6700	CARBON 100 JA 1/6W
	403 057 1004	POLYESTER 0.01U K 50V	R409	401 026 9907	CARBON 4.7K JA 1/6W
C749	403 028 1606	CERAMIC 56P J 50V	R410	401 025 8208	CARBON 22K JA 1/6W
C750	403 028 1606	CERAMIC 56P J 50V	R432	401 024 7004	CARBON 1K JA 1/6W
C854	403 107 9905	ELECT 10U M 16V	R433	401 007 1104	CARBON 1K JA 1/2W
C857	403 134 5901	ELECT 33U M 16V	R434	401 009 9306	CARBON 390 JA 1/2W
C873	403 107 9905	ELECT 10U M 16V	R435	402 058 2300	WIRE WOUND 8.2 KA 6W
C874	403 109 6308	ELECT 1U M 50V	R436	401 014 5201	CARBON 15K JA 1/4W
			R441	401 007 1203	CARBON 1K JB 1/2W
RESISTER			R443	401 025 8703	CARBON 220K JA 1/6W
RJ138	401 024 7004	CARBON 1K JA 1/6W	R451	401 026 4605	CARBON 33K JA 1/6W
R101	401 025 7805	CARBON 2.2K JA 1/6W	R452	401 027 2600	CARBON 5.6K JA 1/6W
R103	401 024 6700	CARBON 100 JA 1/6W	R453	401 026 4308	CARBON 3.3K JA 1/6W
R104	401 027 2600	CARBON 5.6K JA 1/6W	R454	401 024 9008	CARBON 120 JA 1/6W
R105	401 024 7004	CARBON 1K JA 1/6W	R455	401 025 7805	CARBON 2.2K JA 1/6W
R106	401 025 7409	CARBON 220 JA 1/6W	R456	401 026 9907	CARBON 4.7K JA 1/6W
R107	401 026 6401	CARBON 39 JA 1/6W	R457	401 025 7805	CARBON 2.2K JA 1/6W
R111	401 027 5205	CARBON 680 JA 1/6W	R459	401 006 7602	CARBON 1 JA 1/2W
R116	401 026 9303	CARBON 47 JA 1/6W	R460	401 008 6702	CARBON 220 JA 1/2W
R121	401 027 0309	CARBON 47K JA 1/6W	R463	401 026 4308	CARBON 3.3K JA 1/6W
R124	401 027 5502	CARBON 6.8K JA 1/6W	R467	401 058 3706	OXIDE-MT 1K JA 1W
R125	401 025 3807	CARBON 180 JA 1/6W	R481	401 066 3507	OXIDE-MT 2.7 JA 2W
R126	401 027 2600	CARBON 5.6K JA 1/6W		401 066 3705	OXIDE-MT 2.7 JA 2W
R127	401 024 6700	CARBON 100 JA 1/6W	R485	401 059 5808	OXIDE-MT 18 JA 1W
R128	401 027 2600	CARBON 5.6K JA 1/6W		401 059 5907	OXIDE-MT 18 JA 1W
R129	401 024 7400	CARBON 10K JA 1/6W	R486	401 024 7400	CARBON 10K JA 1/6W
R131	401 027 5502	CARBON 6.8K JA 1/6W	R502	402 057 8105	WIRE WOUND 3.9 KA 6W
R132	401 027 0309	CARBON 47K JA 1/6W		402 057 8204	WIRE WOUND 3.9 KA ZA 6W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R511	401 027 2600	CARBON 5.6K JA 1/6W	R748	401 024 6700	CARBON 100 JA 1/6W
R515	401 025 8208	CARBON 22K JA 1/6W	R749	401 024 9701	CARBON 12K JA 1/6W
R517	401 027 8305	CARBON 820 JA 1/6W	R750	401 024 9701	CARBON 12K JA 1/6W
R519	401 008 6009	CARBON 22 JA 1/2W	R751	401 027 5502	CARBON 6.8K JA 1/6W
R520	401 000 5901	SOLID 120K KA 1/2W	R752	401 024 9305	CARBON 1.2K JA 1/6W
R521	401 000 5901	SOLID 120K KA 1/2W	R753	401 026 4308	CARBON 3.3K JA 1/6W
R522	401 014 5201	CARBON 15K JA 1/4W	R754	401 027 8602	CARBON 8.2K JA 1/6W
R523	401 026 4308	CARBON 3.3K JA 1/6W	R755	401 024 7400	CARBON 10K JA 1/6W
R524	401 069 1609	OXIDE-MT 68 JA 2W	R756	401 026 9907	CARBON 4.7K JA 1/6W
	401 069 1708	OXIDE-MT 68 JA 2W	R757	401 027 0309	CARBON 47K JA 1/6W
R525	401 069 1708	OXIDE-MT 68 JA 2W	R758	401 025 1902	CARBON 15K JA 1/6W
R526	401 017 1507	CARBON 2.7K GA 1/4W	R759	401 026 1307	CARBON 27K JA 1/6W
△R531	402 000 8305	SOLID 5.6M KA 1/2W	R760	401 019 1901	CARBON 3.9K JA 1/4W
△R532	402 000 8305	SOLID 5.6M KA 1/2W	R761	401 068 4601	OXIDE-MT 4.7K JA 2W
R552	401 012 8105	CARBON 100K JA 1/4W		401 068 4700	OXIDE-MT 4.7K JA 2W
R553	401 020 2003	CARBON 4.7K JA 1/4W	R762	401 025 8208	CARBON 22K JA 1/6W
R554	401 014 6109	CARBON 150K JA 1/4W	R763	401 024 9701	CARBON 12K JA 1/6W
R555	401 010 4307	CARBON 47K JA 1/2W	R764	401 024 7400	CARBON 10K JA 1/6W
R556	401 025 8208	CARBON 22K JA 1/6W	R765	401 027 2600	CARBON 5.6K JA 1/6W
R558	401 062 8001	OXIDE-MT 56K JA 1W	R767	401 024 6700	CARBON 100 JA 1/6W
R559	402 070 0803	FUSIBLE RES 6.8 J- 1/	R768	401 027 2600	CARBON 5.6K JA 1/6W
R561	401 069 0305	OXIDE-MT 6.8 JA 2W	R769	401 025 8208	CARBON 22K JA 1/6W
	401 069 0404	OXIDE-MT 6.8 JA 2W	R772	401 024 7004	CARBON 1K JA 1/6W
R562	401 069 0305	OXIDE-MT 6.8 JA 2W	R773	401 024 7004	CARBON 1K JA 1/6W
	401 069 0404	OXIDE-MT 6.8 JA 2W	R779	401 024 7400	CARBON 10K JA 1/6W
R568	401 063 5207	OXIDE-MT 82 JA 1W	R780	401 024 7707	CARBON 100K JA 1/6W
	401 063 5306	OXIDE-MT 82 JA 1W	R781	401 026 9907	CARBON 4.7K JA 1/6W
R582	RS12201JGBAN	OXIDE-MT 2.2K JA 1W	R782	401 025 8208	CARBON 22K JA 1/6W
	401 060 4104	OXIDE-MT 2.2K JA 1W	R783	401 027 2600	CARBON 5.6K JA 1/6W
R585	401 026 9600	CARBON 470 JA 1/6W	R784	401 027 2600	CARBON 5.6K JA 1/6W
R592	401 016 5803	CARBON 220K JA 1/4W	R785	401 027 2600	CARBON 5.6K JA 1/6W
R593	401 024 7400	CARBON 10K JA 1/6W	R790	401 024 7400	CARBON 10K JA 1/6W
R700	401 027 5502	CARBON 6.8K JA 1/6W	R791	401 068 4700	OXIDE-MT 4.7K JA 2W
R701	401 024 7400	CARBON 10K JA 1/6W	R792	401 025 1902	CARBON 15K JA 1/6W
R702	401 024 7400	CARBON 10K JA 1/6W	R794	401 026 1307	CARBON 27K JA 1/6W
R703	401 027 0309	CARBON 47K JA 1/6W	R796	401 026 6609	CARBON 390 JA 1/6W
R704	401 027 5908	CARBON 68K JA 1/6W	R797	401 025 8208	CARBON 22K JA 1/6W
R705	401 026 9907	CARBON 4.7K JA 1/6W	R798	401 025 1605	CARBON 1.5K JA 1/6W
R706	401 024 7400	CARBON 10K JA 1/6W	R801	401 026 6609	CARBON 390 JA 1/6W
R707	401 024 6700	CARBON 100 JA 1/6W	R802	401 026 6609	CARBON 390 JA 1/6W
R708	401 024 9701	CARBON 12K JA 1/6W	R803	401 026 6609	CARBON 390 JA 1/6W
R709	401 027 0309	CARBON 47K JA 1/6W	R807	401 027 8602	CARBON 8.2K JA 1/6W
R710	401 024 7004	CARBON 1K JA 1/6W	R808	401 026 3905	CARBON 330 JA 1/6W
R711	401 026 4308	CARBON 3.3K JA 1/6W	R811	401 024 7707	CARBON 100K JA 1/6W
R712	401 027 8305	CARBON 820 JA 1/6W	R812	401 025 4606	CARBON 18K JA 1/6W
R713	401 024 9701	CARBON 12K JA 1/6W	R813	401 024 9701	CARBON 12K JA 1/6W
R715	401 026 4308	CARBON 3.3K JA 1/6W	R814	401 026 1000	CARBON 2.7K JA 1/6W
R716	401 025 1902	CARBON 15K JA 1/6W	R815	401 026 1000	CARBON 2.7K JA 1/6W
R717	401 027 5502	CARBON 6.8K JA 1/6W	R816	401 024 7400	CARBON 10K JA 1/6W
R718	401 025 1902	CARBON 15K JA 1/6W	R821	401 024 7707	CARBON 100K JA 1/6W
R721	401 025 1902	CARBON 15K JA 1/6W	R822	401 025 4606	CARBON 18K JA 1/6W
R722	401 027 5908	CARBON 68K JA 1/6W	R823	401 027 5502	CARBON 6.8K JA 1/6W
R723	401 026 1000	CARBON 2.7K JA 1/6W	R824	401 026 9907	CARBON 4.7K JA 1/6W
R724	401 025 1902	CARBON 15K JA 1/6W	R825	401 027 2600	CARBON 5.6K JA 1/6W
R726	401 024 7400	CARBON 10K JA 1/6W	R826	401 024 7400	CARBON 10K JA 1/6W
R727	401 026 4605	CARBON 33K JA 1/6W	R851	401 024 9701	CARBON 12K JA 1/6W
R728	401 027 2600	CARBON 5.6K JA 1/6W	R853	401 027 2303	CARBON 560 JA 1/6W
R729	401 025 1902	CARBON 15K JA 1/6W	R854	401 024 7707	CARBON 100K JA 1/6W
R730	401 025 8208	CARBON 22K JA 1/6W	R855	401 027 6608	CARBON 75 JA 1/6W
R732	401 026 4308	CARBON 3.3K JA 1/6W	R856	401 027 6608	CARBON 75 JA 1/6W
R733	401 026 4605	CARBON 33K JA 1/6W	R857	401 027 6608	CARBON 75 JA 1/6W
R735	401 025 1902	CARBON 15K JA 1/6W	R858	401 026 1307	CARBON 27K JA 1/6W
R738	401 027 2600	CARBON 5.6K JA 1/6W	R859	401 024 7400	CARBON 10K JA 1/6W
R739	401 025 1902	CARBON 15K JA 1/6W	R866	401 027 5205	CARBON 680 JA 1/6W
R741	401 024 7400	CARBON 10K JA 1/6W	R869	401 027 6608	CARBON 75 JA 1/6W
R743	401 025 1308	CARBON 150 JA 1/6W	R871	401 027 6608	CARBON 75 JA 1/6W
R744	401 026 9907	CARBON 4.7K JA 1/6W	R873	401 027 8602	CARBON 8.2K JA 1/6W
R745	401 025 1308	CARBON 150 JA 1/6W	R877	401 024 6700	CARBON 100 JA 1/6W
R746	401 026 9907	CARBON 4.7K JA 1/6W	R878	401 024 7004	CARBON 1K JA 1/6W
R747	401 024 6700	CARBON 100 JA 1/6W	R881	401 024 7004	CARBON 1K JA 1/6W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R882	401 024 9305	CARBON 1.2K JA 1/6W	D192	407 007 9904	DIODE GMA01
R883	401 026 4308	CARBON 3.3K JA 1/6W		407 012 4406	DIODE 1SS133
R884	401 024 7004	CARBON 1K JA 1/6W		407 012 5809	DIODE 1SS176
R886	401 027 3003	CARBON 56K JA 1/6W	D211	407 075 9905	ZENER DIODE EQA03-11A
R887	401 026 7408	CARBON 39K JA 1/6W		407 158 3400	ZENER DIODE UZ-11BSC TP
R889	401 025 1605	CARBON 1.5K JA 1/6W	D212	407 075 9905	ZENER DIODE EQA03-11A
R891	401 025 1902	CARBON 15K JA 1/6W		407 158 3400	ZENER DIODE UZ-11BSC TP
R892	401 027 2600	CARBON 5.6K JA 1/6W	D213	407 075 9905	ZENER DIODE EQA03-11A
R894	401 025 1605	CARBON 1.5K JA 1/6W		407 158 3400	ZENER DIODE UZ-11BSC TP
R896	401 026 1000	CARBON 2.7K JA 1/6W	D214	407 075 9905	ZENER DIODE EQA03-11A
R897	401 024 9305	CARBON 1.2K JA 1/6W		407 158 3400	ZENER DIODE UZ-11BSC TP
VARIABLE RESISTER			D215	407 075 9905	ZENER DIODE EQA03-11A
VR120	610 019 3901	VR B-10K		407 158 3400	ZENER DIODE UZ-11BSC TP
	610 237 8733	VR B-10K	D231	407 005 4505	DIODE DS442X
	610 239 7550	VR B-10K		407 013 1008	DIODE 1S1553
VR401	610 019 3901	VR B-10K		407 013 4306	DIODE 1S2076A
	610 237 8733	VR B-10K		407 013 6508	DIODE 1S2471
	610 239 7550	VR B-10K	D232	407 007 9904	DIODE GMA01
VR451	610 019 3826	VR B-100		407 012 4406	DIODE 1SS133
	610 231 3048	VR B-100		407 012 5809	DIODE 1SS176
	610 232 7892	VR B-100	D275	407 048 1202	ZENER DIODE EQA02-05E
VR551	610 019 3871	VR B-2K		407 163 8209	ZENER DIODE UZ-5.1BCC
	610 237 8719	VR B-2.2K	D431	407 048 4906	ZENER DIODE EQA02-09A
	610 239 7574	VR B-2K		407 048 5101	ZENER DIODE EQA02-09B
TRANSFORMER				407 163 9909	ZENER DIODE UZ-9.1BCA-B
T101	610 037 5727	S TRANS		407 162 2703	ZENER DIODE UZ-9.1BCB
T121	610 037 4522	S COIL	D441	407 006 6300	DIODE ERC05-10B
T431	610 000 1053	DRIVE TRANS		407 009 6901	DIODE RM11C
	610 000 1060	DRIVE TRANS		407 064 6908	DIODE TVR4N(X)
△T471	610 233 5255	FBT	D451	407 005 7308	DIODE EM01Z
△T511	610 221 0026	CONVERTER TRANS		408 009 9008	DIODE BYD33D
	610 228 1552	CONVERTER TRANS	D471	407 118 2207	ZENER DIODE 1Z75
△T581	610 033 3765	POWER TRANS	D485	407 007 6606	DIODE ES1
COIL				408 009 9305	DIODE BYD33G
L103	610 031 4177	PEAKING COIL		407 013 1909	DIODE 1S1834
L121	610 031 3873	PEAKING COIL 10UHK	D486	407 005 4505	DIODE DS442X
L126	610 031 4290	PEAKING COIL 8.2UHK		408 008 2406	DIODE 1N4148
L141	610 031 3873	PEAKING COIL 10UHK		407 013 1206	DIODE 1S1555
L161	610 031 3019	PEAKING COIL 10UHK		407 013 4207	DIODE 1S2076
L206	610 031 4290	PEAKING COIL 8.2UHK		407 013 7109	DIODE 1S2473
L207	610 031 4290	PEAKING COIL 8.2UHK	D503	407 064 6908	DIODE TVR4N(X)
L208	610 031 4290	PEAKING COIL 8.2UHK		407 009 6901	DIODE RM11C
L291	401 012 3407	CARBON 10 JA 1/4W		407 006 6300	DIODE ERC05-10B
L431	645 002 2364	PIPECORE	D504	407 064 6908	DIODE TVR4N(X)
L432	645 002 2364	PIPECORE		407 009 6901	DIODE RM11C
L441	610 000 0605	LINEARITY COIL		407 006 6300	DIODE ERC05-10B
	610 210 8071	LINEARITY COIL	D505	407 064 6908	DIODE TVR4N(X)
L451	610 217 1655	PEAKING COIL 33UHK		407 009 6901	DIODE RM11C
	610 031 3354	PEAKING COIL		407 006 6300	DIODE ERC05-10B
L452	610 032 4381	FILTER COIL	D506	407 064 6908	DIODE TVR4N(X)
	610 032 4404	FILTER COIL		407 009 6901	DIODE RM11C
	645 003 4114	INDUCTOR 3.3UH		407 006 6300	DIODE ERC05-10B
L501	610 031 5945	LINE FILTER	D514	407 005 4505	DIODE DS442X
	610 031 5969	LINE FILTER		407 013 1008	DIODE 1S1553
L511	610 031 1589	INDUCTOR		407 013 4306	DIODE 1S2076A
L702	610 031 4214	PEAKING COIL		407 013 6508	DIODE 1S2471
L703	610 031 4214	PEAKING COIL	D515	407 104 2204	PHOTO COUPLE PC817B
L704	610 031 4030	PEAKING COIL		407 104 2402	PHOTO COUPLE PC817C
L705	610 031 4542	PEAKING COIL		407 002 9602	PHOTO COUPLE TLP621-1-GB
L706	610 031 3873	PEAKING COIL 10UHK	D516	407 005 4505	DIODE DS442X
L707	610 029 5926	PEAKING COIL 10UH K		407 013 1008	DIODE 1S1553
L708	610 029 5926	PEAKING COIL 10UH K		407 013 4306	DIODE 1S2076A
L709	610 031 4504	PEAKING COIL		407 013 6508	DIODE 1S2471
DIODE			D517	407 007 6606	DIODE ES1
D172	407 075 9905	ZENER DIODE EQA03-11A		407 007 6903	DIODE ES1Z
	407 158 3400	ZENER DIODE UZ-11BSC TP	D518	408 009 9008	DIODE BYD33D
				407 005 4505	DIODE DS442X
				407 013 1008	DIODE 1S1553
				407 013 4306	DIODE 1S2076A
				407 013 6508	DIODE 1S2471

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
D519	407 048 4005	ZENER DIODE EQA02-08A	F501-A1	645 000 5077	HOLDER, FUSE
	407 048 4203	ZENER DIODE EQA02-08B	F501-A2	645 000 5077	HOLDER, FUSE
	407 151 9003	ZENER DIODE UZ-7. 5BCC	A101	645 004 7725	TUNER, U/V
	407 151 9102	ZENER DIODE UZ-8. 2BCA	A701	610 224 5806	RC PREAMP 409-1F
D551	407 007 7702	DIODE EU2A	K171	610 212 6334	PHONE JACK
	408 009 9206	DIODE BYD33J	K801A	610 239 6522	SOCKET MTG BRKT-E5HE
	407 064 7004	DIODE 1S1835	K811	645 002 1800	TERMINAL, BOARD
D552	407 007 7504	DIODE EU1C	K812	645 002 1794	TERMINAL, BOARD
D553	407 007 6606	DIODE ES1	PS501	408 003 6805	THERMISTOR 902P44E180MR14
	408 009 9305	DIODE BYD33G		408 015 1904	THERMISTOR PA3A5180B270
	407 013 1909	DIODE 1S1834		408 000 3906	TH PTH451A13BGF180M270
D554	407 007 7801	DIODE EU2Z	SW220	610 011 2728	LEVER SWITCH
	408 009 9305	DIODE BYD33G	SW451	610 011 2728	LEVER SWITCH
	407 013 1909	DIODE 1S1834	△SW501	610 218 9162	PUSH SWITCH
D555	407 007 7603	DIODE EU2	SW703	610 011 4432	PUSH SWITCH
	407 007 7801	DIODE EU2Z	SW704	610 011 4432	PUSH SWITCH
D561	407 048 2407	ZENER DIODE EQA02-06E	SW705	610 011 4432	PUSH SWITCH
	407 048 2605	ZENER DIODE EQA02-06F	SW706	610 011 4432	PUSH SWITCH
	407 151 8600	ZENER DIODE UZ-6. 2BCC	SW707	610 011 4432	PUSH SWITCH
D581	407 048 2001	ZENER DIODE EQA02-06B	SW708	610 011 4432	PUSH SWITCH
	407 151 8501	ZENER DIODE UZ-5. 6BCC	X101	421 005 3405	SAW F TSF5352
D582	407 005 7308	DIODE EMO1Z	X126	610 015 2854	CERAMIC FILTER
D584	408 008 2406	DIODE 1N4148		610 015 3547	CERAMIC FILTER
	407 013 1008	DIODE 1S1553	X152	610 012 0464	CERAMIC FILTER
	407 013 4306	DIODE 1S2076A	X201	645 000 2502	OSC, CRYSTAL 4. 433619MHZ
	407 013 6508	DIODE 1S2471		610 239 3347	CRYSTAL OSCILLATOR
D591	407 005 4505	DIODE DS442X	X701	610 012 2857	CERAMIC OSCILLATOR
	408 008 2406	DIODE 1N4148		610 212 8765	CERAMIC OSCILLATOR
	407 013 1206	DIODE 1S1555		610 237 7156	CERAMIC OSCILLATOR KBR-4.
	407 013 4207	DIODE 1S2076	OUT OF CIRCUIT BOARD		
	407 013 7109	DIODE 1S2473	PICTURE TUBE		
D592	407 007 9904	DIODE GMA01	△Q901	414 005 8105	CRT A51JFC61X(H) (R)
	407 012 4406	DIODE 1SS133	COIL		
	407 012 5809	DIODE 1SS176	△L901	610 224 4243	DEGAUSSING COIL
D593	407 005 4505	DIODE DS442X		610 227 7289	DEGAUSSING COIL
	408 008 2406	DIODE 1N4148	△L902	610 228 6809	DEFLECTION YOKE
	407 013 1206	DIODE 1S1555		610 232 9735	DEFLECTION YOKE
	407 013 4207	DIODE 1S2076		610 222 7178	DEFLECTION YOKE
	407 013 7109	DIODE 1S2473	MISCELLANEOUS		
D701	407 007 9904	DIODE GMA01	SP901	610 217 8845	SPEAKER
	407 012 4406	DIODE 1SS133	T471-K6D	610 248 4441	FOCUS LEAD ASSY
	407 012 5809	DIODE 1SS176	△W901	645 000 0652	CORD, POWER
D702	407 007 9904	DIODE GMA01	W902	610 024 2531	GROUNDING CONNECTOR
	407 012 4406	DIODE 1SS133			
D703	409 013 0104	IC HZT33			
	409 026 8005	IC L5630			
	409 057 5103	IC UPC574J			
D704	407 007 9904	DIODE GMA01			
	407 012 4406	DIODE 1SS133			
	407 012 5809	DIODE 1SS176			
D801	407 007 9904	DIODE GMA01			
	407 012 4406	DIODE 1SS133			
	407 012 5809	DIODE 1SS176			
D802	407 005 4505	DIODE DS442X			
	408 008 2406	DIODE 1N4148			
	407 013 1206	DIODE 1S1555			
	407 013 4207	DIODE 1S2076			
	407 013 7109	DIODE 1S2473			
D803	407 042 7309	LED TLR144			
D804	407 055 7907	ZENER DIODE RD3. 6EL			
	407 151 8204	ZENER DIODE UZ-4. 3BQL			
D851	407 075 9905	ZENER DIODE EQA03-11A			
	407 158 3400	ZENER DIODE UZ-11BSC TP			
D875	407 075 9905	ZENER DIODE EQA03-11A			
	407 158 3400	ZENER DIODE UZ-11BSC TP			
MISCELLANEOUS					
△F501	423 007 2103	FUSE 250V 4. 0A			
	423 021 8006	FUSE 250V 4. 0A			



Note: Voltage rating in decoder u taken using teletext signal.

Q701	VOLT.
B	-0.1 V
C	3.9 V
E	0.01 V

Q702	VOLT.
B	0.01 V
C	5.8 V
E	-0.06 V

Q721	VOLT.
B	0.002 V
C	5.0 V
E	0.002 V

Q722	VOLT.
B	0.01 V
C	5.0 V
E	0.01 V

Q723	VOLT.
B	0.01 V
C	5.0 V
E	0.01 V

Q714	VOLT.
B	0.01 V
C	5.0 V
E	0.1 V

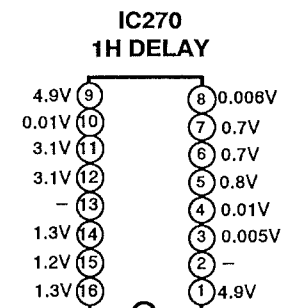
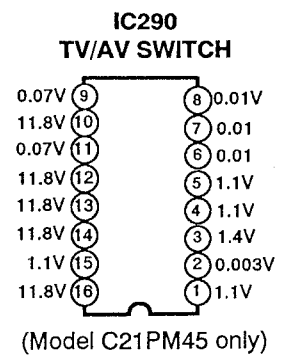
Q891	VOLT.
B	2.1 V
C	-7.8 V
E	1.4 V

Q855	VOLT.
B	0.008 V
C	5.1 V
E	0.004 V

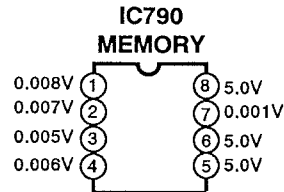
Q292	VOLT.
B	0.02 V
C	11.8 V
E	0.005 V

Q291	VOLT.
B	3.0 V
C	7.8 V
E	2.3 V

Q856	VOLT.
B	3.0 V
C	7.8 V
E	2.4 V



Q703	VOLT.
B	0.35 V
C	11.8 V
E	0.04 V



Q713	VOLT.
B	5.0V
C	0.01V
E	5.0V

Q715	VOLT.
B	-0.05V
C	35 V
E	0.007V

Q781	VOLT.
B	3.8V
C	7.8V
E	3.2V

Q716	VOLT.
B	0.6V
C	0.07V
E	0.007V

Q718	VOLT.
B	5.0V
C	0.01V
E	5.0V

Q857	VOLT.
B	2.9V
C	4.4V
E	2.2V

Q858	VOLT.
B	4.5V
C	0.002V
E	5.1V

Q706	VOLT.
B	3.7 V
C	11.8 V
E	3.0 V

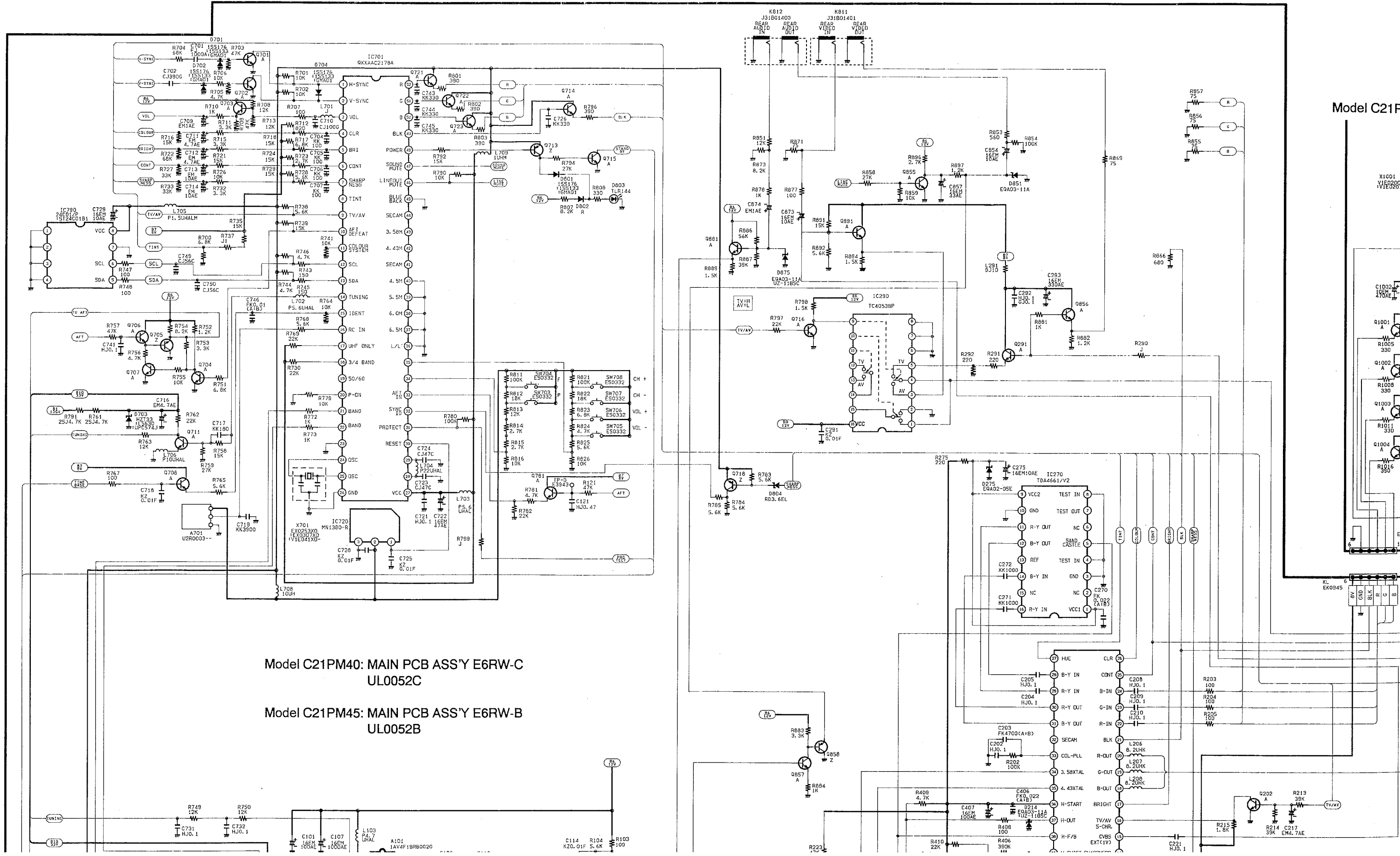
Q705	VOLT.
B	3.0V
C	0.01V
E	3.7V

Q707	VOLT.
B	0.6 V
C	0.006V
E	0.008V

Q704	VOLT.
B	0.02V
C	8.9 V
E	0.004V

Q711	VOLT.
B	0.4V
C	11.8V
E	0.007V

Q708	VOLT.
B	7.7V
C	7.8V
E	7.1V



Model C21PM40: MAIN PCB ASS'Y E6RW-C
UL0052C

Model C21PM45: MAIN PCB ASS'Y E6RW-B
UL0052B

Q291	VOLT.
B	3.0V
C	7.8V
E	2.3V

Q856	VOLT.
B	3.0V
C	7.8V
E	2.4V

Q857	VOLT.
B	2.9V
C	4.4V
E	2.2V

Q858	VOLT.
B	4.5V
C	0.002V
E	5.1V

IC290	TV/AV SWITCH
0.07V (9)	8 0.01V
11.8V (10)	7 0.01
0.07V (11)	6 0.01
11.8V (12)	5 1.1V
11.8V (13)	4 1.1V
11.8V (14)	3 1.4V
1.1V (15)	2 0.003V
11.8V (16)	1 1.1V

(Model C21PM45 only)

IC270	1H DELAY
4.9V (9)	8 0.006V
0.01V (10)	7 0.7V
3.1V (11)	6 0.7V
3.1V (12)	5 0.8V
- (13)	4 0.01V
1.3V (14)	3 0.005V
1.2V (15)	2 -
1.3V (16)	1 4.9V

Note: Voltage rating in decoder unit taken using teletext signal.

Q1001	VOLT.
B	0.3V
C	4.9V
E	0.5V

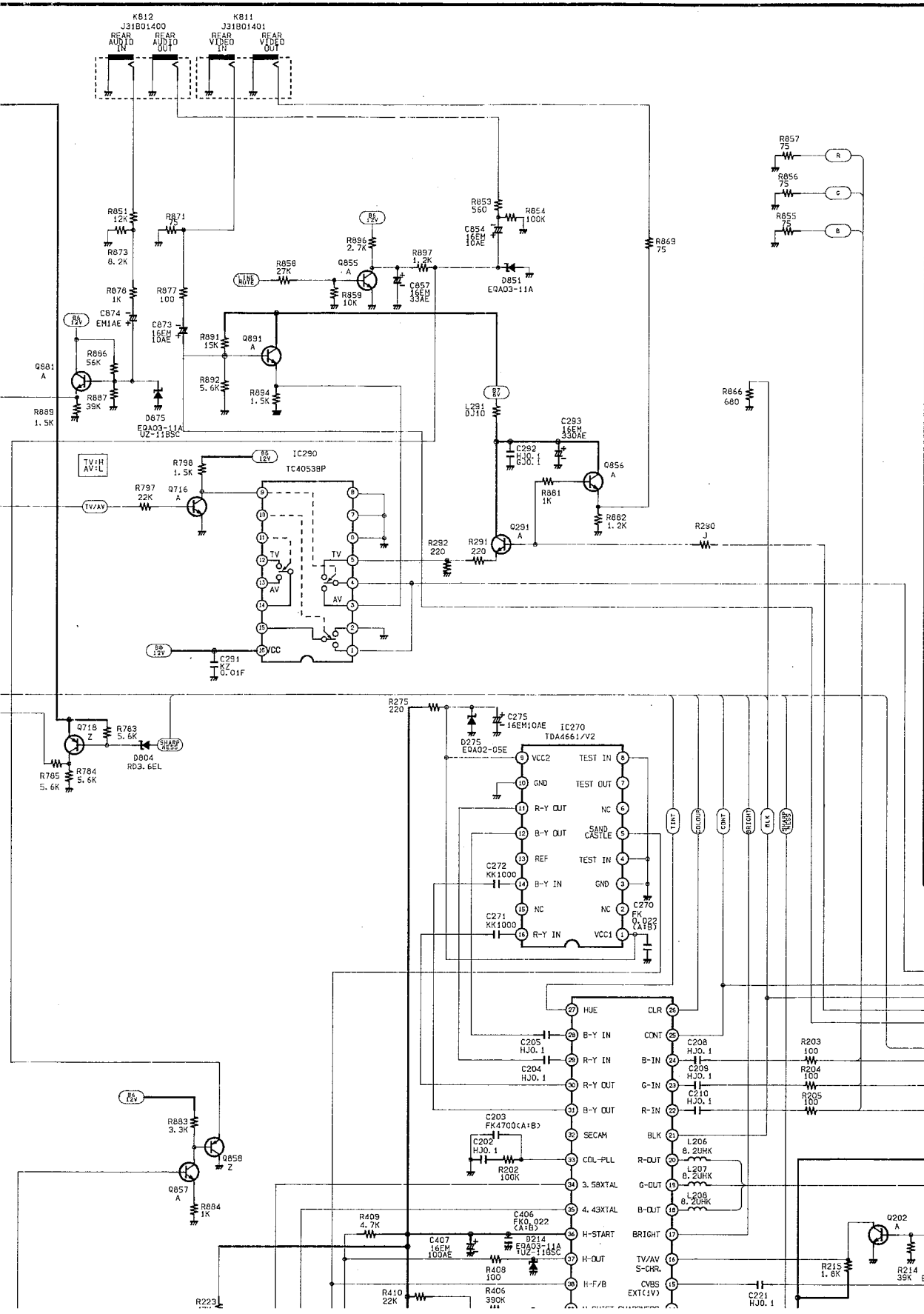
Q1003	VOLT.
B	1.5V
C	4.9V
E	1.1V

Q1002	VOLT.
B	0.2V
C	4.9V
E	0.5V

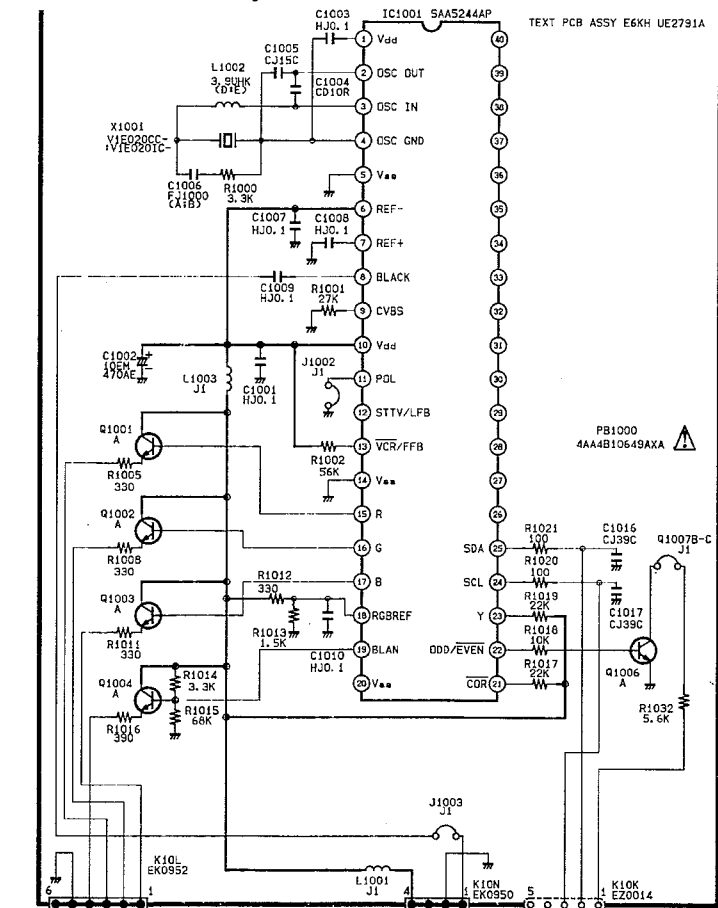
Q1004	VOLT.
B	4.2V
C	4.9V
E	3.6V

IC1001	VOLT.
40 0.02V	39 0.02V
38 4.8V	37 4.8V
36 4.8V	35 4.8V
34 4.8V	33 4.8V
32 0.02V	31 4.8V
30 4.8V	29 4.8V
28 4.8V	27 4.8V
26 4.8V	25 5.1V
24 5.1V	23 0.03V
22 2.3V	21 4.9V
20 0V	19 0V
18 4.2V	17 0V
16 4.9V	15 0V
14 2.0V	13 4.9V
12 4.9V	11 0V
10 2.1V	9 2.4V
8 2.4V	7 2.5V
6 5.0V	5 0V
4 0.01V	3 3.9V
2 2.3V	1 4.8V

Q1006	VOLT.
B	0.6V
C	0.02V
E	- V



Model C21PM45 only

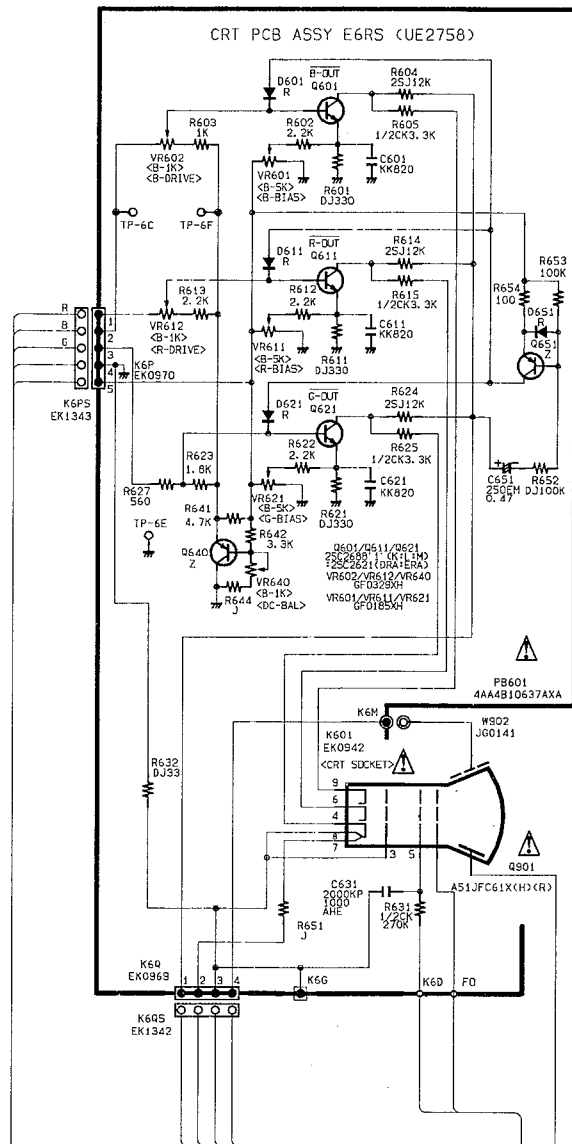


NOTES:
LIST OF REPLACEABLE PARTS.

DIODE	
SANYO CODE	D100E
R 70000019	151555, 152473, 152076, D5442, 1N4148

(NPN, TR)	
SANYO CODE	25C536, 25C945A, 25C1815, 25C1740, 25C1740S
A 74700214	E, F, G, P, Q, R, O, Y, G, Q, R, S, Q, R, S

(PNP, TR)	
SANYO CODE	25A608, 25A564A, 25A1015, 25A933, 25A933S
Z 74700418	E, F, Q, R, O, Y, C, Q, R, Q, R



Q651	VOLT.
B	7.8V
C	0.6 V
E	7.9V

Q640	VOLT.
B	1.5V
C	0.01V
E	2.0V

Q601	VOLT.	WAVEFORM
B	2.4V	2.7Vp-p(HORIZ.)
C	133V	91Vp-p(HORIZ.)
E	1.9V	---

Q611	VOLT.	WAVEFORM
B	2.0V	3.1Vp-p(HORIZ.)
C	132V	100Vp-p(HORIZ.)
E	2.5V	---

Q621	VOLT.	WAVEFORM
B	2.0V	3.0Vp-p(HORIZ.)
C	128V	94Vp-p(HORIZ.)
E	2.5V	---

IC710	BAND SWITCH
0.002	1
11.7V	2
3.3V	3
0V	4
-0.001	5
12.2V	6
0.1V	7
-0.004	8
11.8V	9

Q101	VOLT.
B	1.2V
C	0.4V
E	6.2V

Q581	VOLT.
B	5.6V
C	37.3V
E	5.0V

THE SERVICE PRECAUTION:

The area enclosed by this line() is directly connected with AC mains voltage. When servicing the area, connect an isolating transformer between TV receiver and AC line to eliminate hazard of electric shock.

SANYO

COLOUR TELEVISION

A7-A CHASSIS SERIES

SERVICE REF. NO. **C21PM40-00**
C21PM45-00

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 circuit diagram show components whose values have special significance to product safety. It is particularly recommended that only parts specified on the part service manual be used for components replacement pointed out by the mark.

CIRCUIT DIAGRAM NOTICE:

- All resistance value are in ohms, K=1,000, M=1,000,000.
- All resistance rated wattages are 1/6W unless otherwise noted.
- Excepting electrolytic capacitors, all capacitance values of less than 1 are expressed in μ F and more than 1 are pF.
- All capacitance rated voltages are 50V unless otherwise noted.
- All inductance values are in μ H.
- Voltage readings taken with taken with a "VTVM" are from point indicated chassis ground. Voltage readings taken by using a colour bar signal are with all controls at normal position. Some voltages may vary with signal strength.
- Waveforms were taken with colour bar and controls adjusted for normal picture. Waveforms were taken by using a wide band oscilloscope and a low capacity probe.
- This circuit diagram covers a basic or representative chassis only. There may be some components or partial circuit differences between the actual chassis and the circuit diagram.

Q202	VOLT.
B	0.6V
C	0.07V
E	- V

9. Expression of capacitance and resistance in circuit diagram.

Capacitance(Example)

1000 C M 2000 D
 L: Characteristic
 C: Capacitance value(220pF)
 M: Allowable error ($\pm 20\%$)
 D: Kind (Ceramic)
 V: Rated voltage (1,000V)

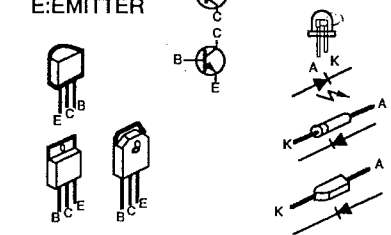
Resistance(Example)

1/2 N J 1.2
 N: Resistance value(1.2 Ω)
 J: Allowable error ($\pm 5\%$)
 J: Kind (M.carbon)
 W: Rated wattage(1/2W)

J= $\pm 5\%$
 K= $\pm 10\%$
 M= $\pm 20\%$
 T, A, U, D: Electrolytic
 C, K, B, Ceramic
 F: Mylar film
 M, N: Polypropylene
 Z: Metalized paper
 D: Carbon
 N: Metaliz carbon
 S: Oxide metalized
 W: Wire winding
 C: Solid

TRANSISTOR, DIODE AND INTEGRAT

C: COLLECTOR
 B: BASE
 E: EMITTER
 A: ANODE
 K: KATHOD



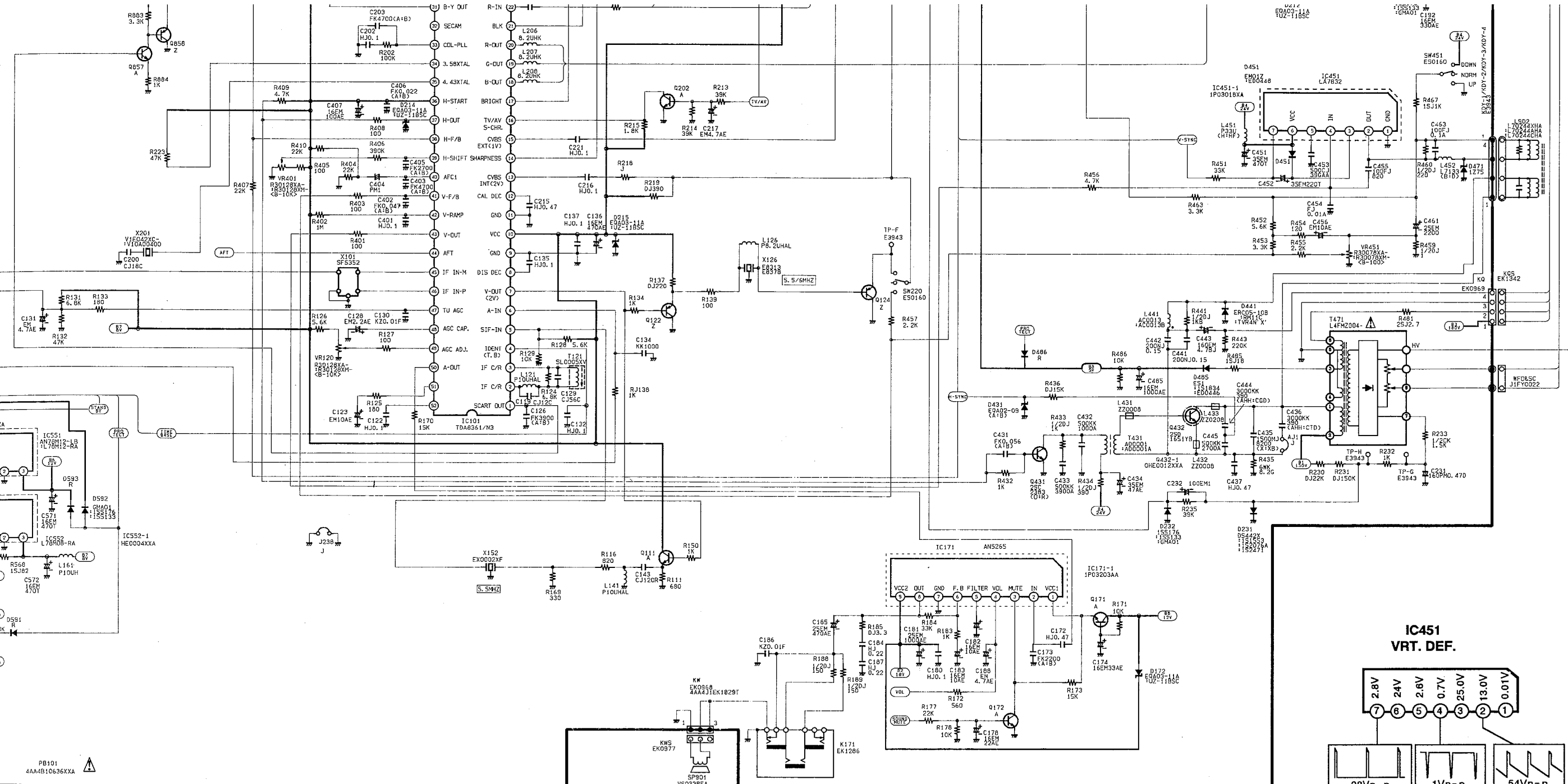
Part No. 1AA6P2P0316 -- E8RY

FILE NO. C-2043

ORIGINAL

SM520113

AUSTRALIA 1/1



Q432		
	Volt.	Waveform
B	2.5V	12Vp-p HORIZ.
C	116V	820Vp-p HORIZ.
E	2.5V	---

Q431		
	Volt.	Waveform
B	0.3V	0.6Vp-p HORIZ.
C	13.9V	45Vp-p HORIZ.
E	0 V	---

IC451 VRT. DEF.		
	Volt.	Waveform
7	2.8V	28Vp-p VERT.
8	24V	1Vp-p VERT.
9	2.6V	54Vp-p VERT.
10	0.7V	
11	25.0V	
12	13.0V	
13	0.01V	

IC171 AUDIO AMP.		
	Volt.	Waveform
1	18.4V	
2	9.0V	
3	0.004V	
4	8.3V	
5	8.8V	
6	0.08V	
7	0.01V	
8	4.7V	
9	10.8V	

IC101		
	Volt.	Waveform
1	5.7V	2.0V
2	2.0V	2.8V
3	3.8V	2.3V
4	3.8V	3.3V
5	1.4V	3.3V
6	1.4V	3.3V
7	1.6V	0.1V
8	4.3V	2.7V
9	1.9V	2.7V
10	2.0V	2.8V
11	7.8V	4.2V
12	0.7V	0.07V
13	0.8V	3.4V
14	3.2V	3.0V
15	3.7V	4.2V
16	2.5V	3.2V
17	2.4V	0.005V
18	0.7V	7.8V
19	3.8V	0.01V
20	3.9V	1.7V
21	3.9V	3.1V
22	3.3V	3.8V
23	4.3V	4.9V
24	1.4V	7.7V
25	3.4V	5.8V
26	4.7V	5.8V
27	6.5V	2.9V

Q553	
	VOLT.
B	6.7V
C	35.5V
E	6.2 V

Q202	
	VOLT.
B	0.6V
C	0.07V
E	- V

Q122	
	VOLT.
B	3.1V
C	33.1V
E	2.4V

Q124	
	VOLT.
B	2.3V
C	0.007V
E	3.0V

Q111	
	VOLT.
B	3.1V
C	7.8V
E	2.4V

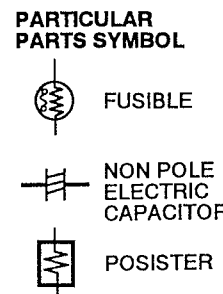
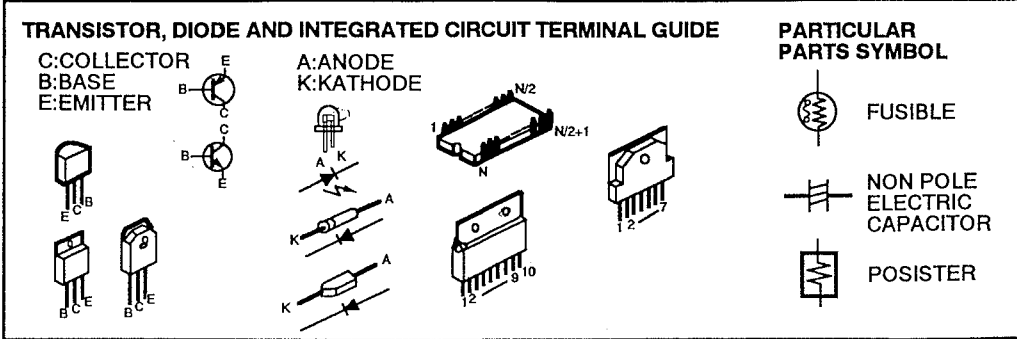
Q172	
	VOLT.
B	0.6V
C	0.01V
E	0.001V

Q171	
	VOLT.
B	11.3V
C	11.8V
E	10.6 V

1,000, M=1,000,000.
 1/6W unless otherwise noted.
 All capacitance values of less than 1 are in pF.
 50V unless otherwise noted.

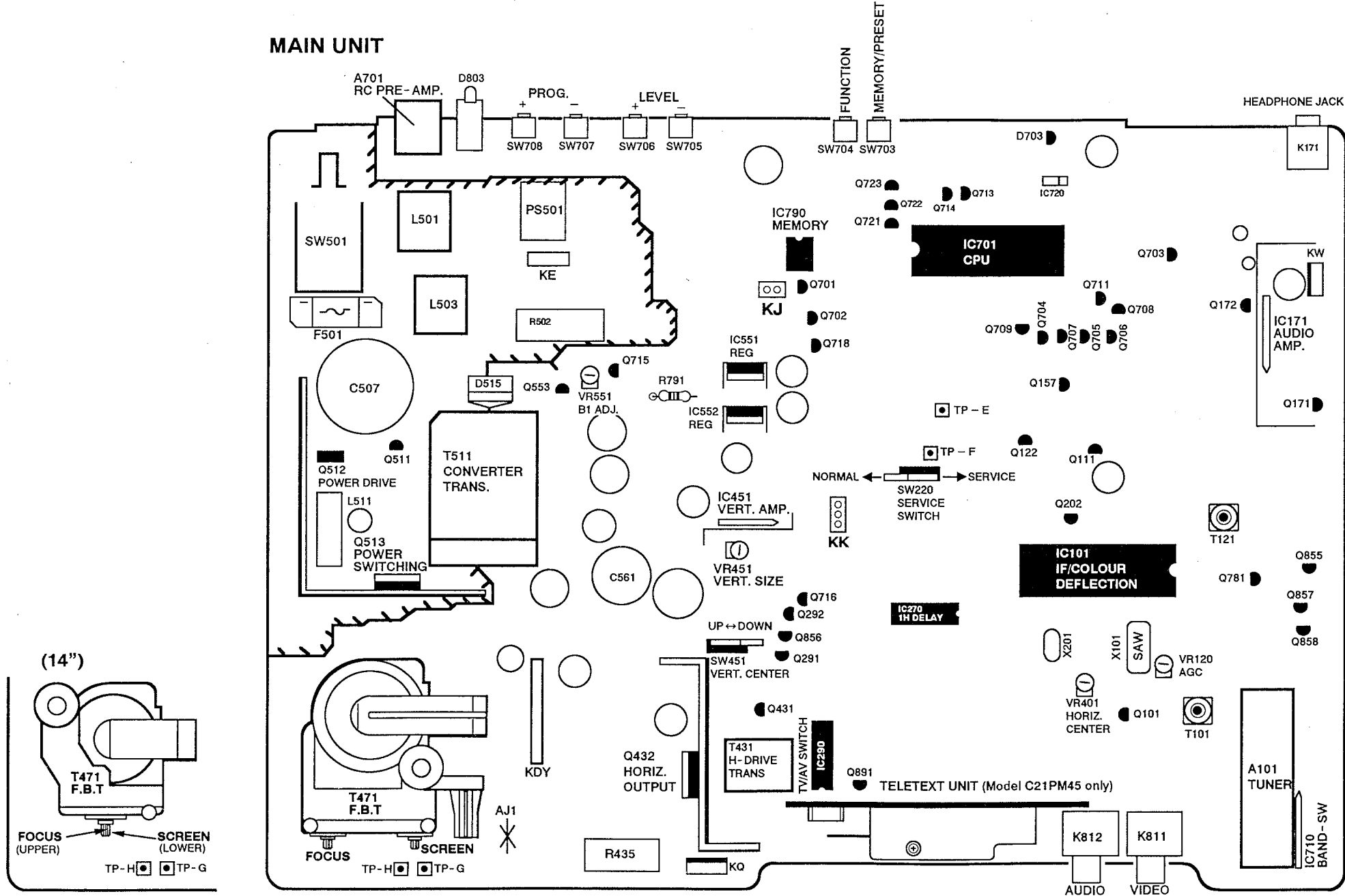
with a "VTVM" are from point indicated by the letter taken by using a colour bar signal are shown. Some voltages may vary with signal level.
 for bar and controls adjusted for normal operation using a wide band oscilloscope and a representative chassis only. There may be small circuit differences between the actual

9. Expression of capacitance and resistance in circuit diagram.
- Capacitance(Example)
 1000 C M 2000 D
 Characteristic
 Capacitance value(220pF)
 Allowable error (± 20%)
 Kind (Ceramic)
 Rated voltage (1.000V)
- Resistance(Example)
 1/2 N J 1.2
 Resistance value(1.2 Ω)
 Allowable error(± 5%)
 Kind(M.carbon)
 Rated wattage(1/2W)
- J=± 5%
 K=± 10%
 M=± 20%
- T,A,U,D:
 Electrolytic
 C,K,B,Ceramic
 F:Mylar film
 M,N:Polypropylene
 Z:Metallized paper
 D:Carbon
 N:Metallized carbon
 S:Oxide metallized
 W:Wirewound
 C:Solid

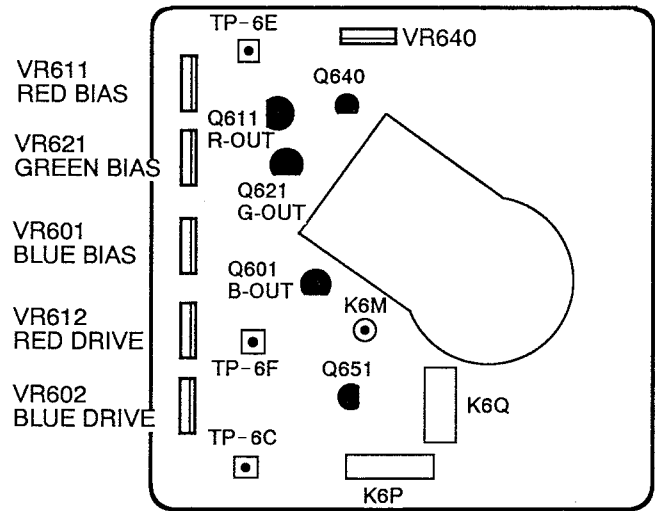


10. Parts specified with " X " are not installed in this model.
 11. Parts specified with " J " are just jumper wires.

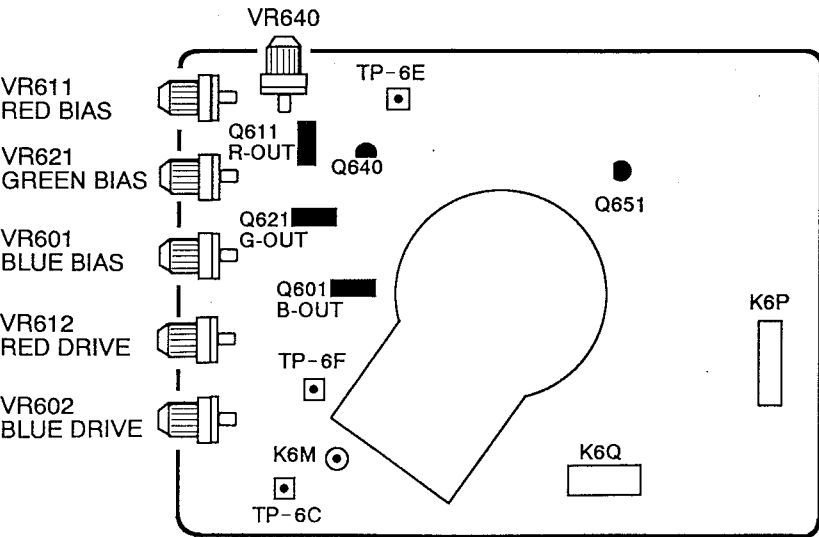
COMPONENT LOCATION

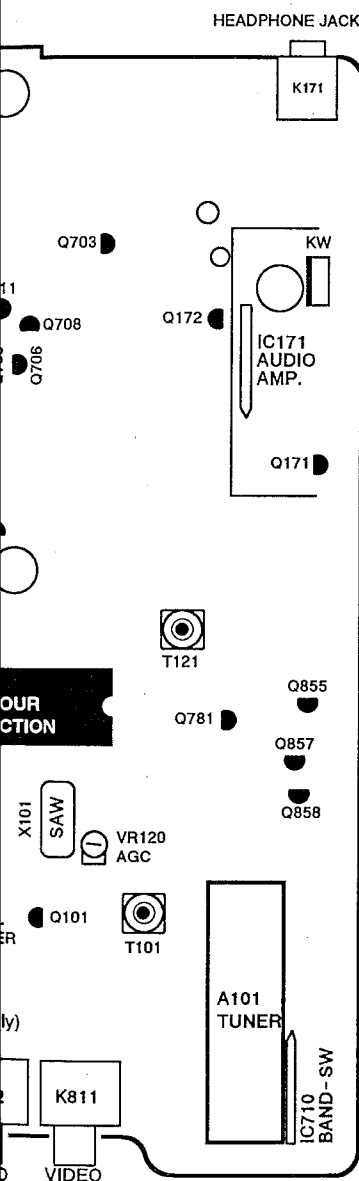


CRT UNIT (14")

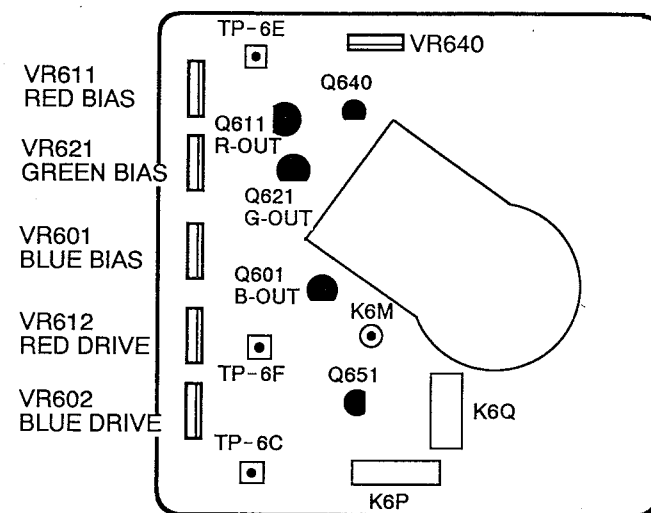


CRT UNIT (16", 20", 21")

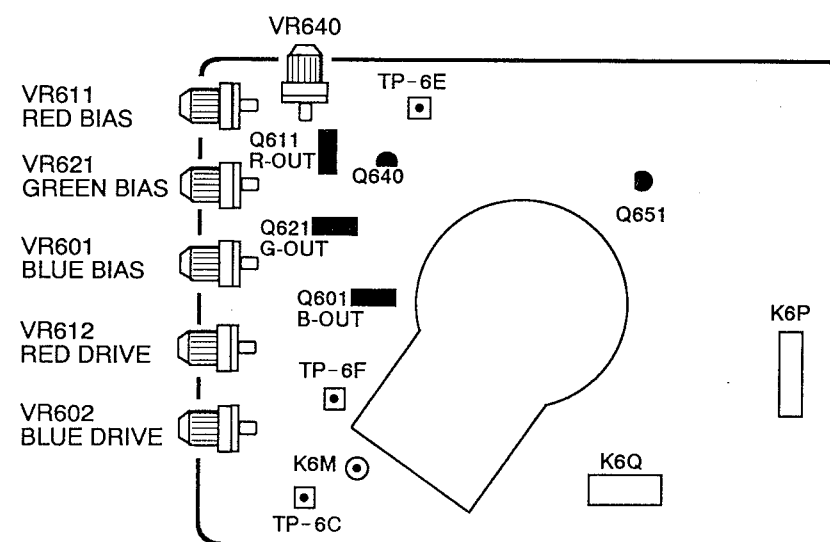




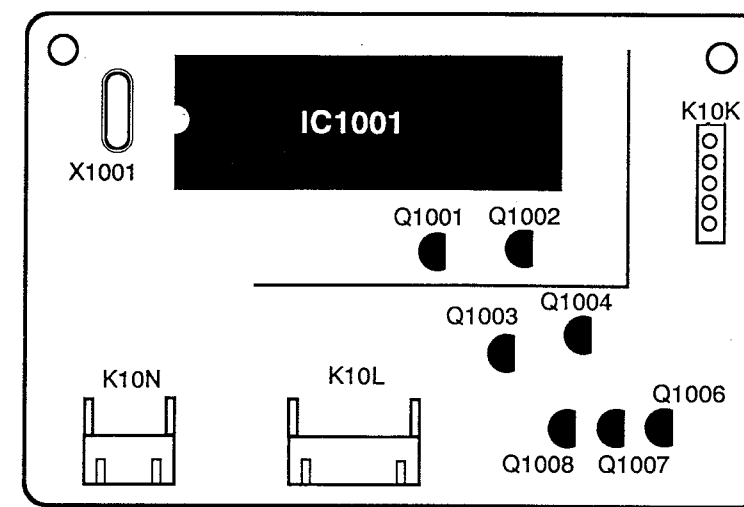
CRT UNIT (14")



CRT UNIT (16", 20", 21")



TELETEXT UNIT (Model C21PM45 only)



E8RY

E8RW