

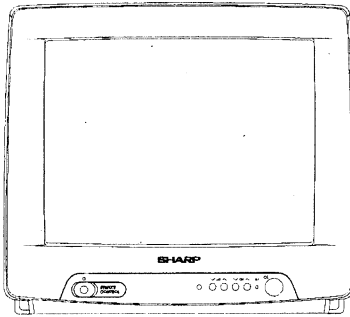
# SHARP SERVICE MANUAL

SELD37DT25S/2

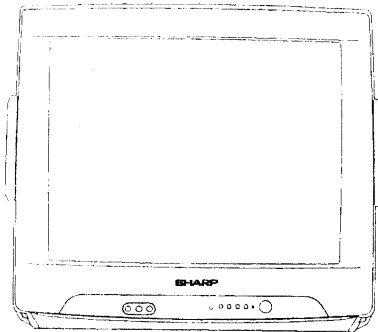
## CA-1 CHASSIS

PAL/SECAM SYSTEM COLOUR TELEVISION

# MODELS 37DT-25S 54DT-25S



37DT-25S



54DT-25S



In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified be used.

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## ELECTRICAL SPECIFICATIONS

Aerial input Impedance ..... 75 ohm unbalanced  
Convergence ..... Self Converging System  
Focus ..... Bipotential electrostatic  
Audio Power Output Rating  
..... 2 Watt (M.P.O.)(37DT-25S)  
..... 4 Watt (M.P.O.)(54DT-25S)  
Intermediate Frequencies  
Picture IF Carrier Frequency ..... 38.9 MHz  
Sound IF Carrier Frequency ..... 33.4 MHz  
Colour Sub-Carrier Frequency ..... 34.47 MHz  
(Normal)  
Power Input ..... 220/240 Volts AC 50 Hz

Power Consumption ..... 38 Wh(37DT-25S)  
..... 50 Wh(54DT-25S)  
Speaker Size ..... 8 cm (Round)(37DT-25S)  
..... 10 cm (Round)(54DT-25S)  
Voice Coil Impedance ..... 32 ohms(37DT-25S)  
..... 16 ohms(54DT-25S)  
Sweep Deflection ..... Magnetic  
Tuning Ranges ..... 48.25 MHz-855.25 MHz  
CATV Special channels

Specifications are subject to change without prior notice.

### WARNING

The chassis in this receiver is partially hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis.

To prevent electric shock, do not remove cover. No user - serviceable parts inside. Refer servicing to qualified service personnel.

## IMPORTANT SERVICE NOTES

Maintenance and repair of this receiver should be carried out by qualified service personnel only.

### SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove static charge from it by connecting a 10 k ohm resistor in series with an insulated wire (such as a test probe) between picture tube ground tag and high voltage lead (AC line cord should be disconnected from AC outlet).

1. Picture tube in this receiver employs integral implosion protection.
2. Replace with tube of the same type number for continued safety.
3. Do not lift picture tube by the neck.
4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage completely.

### X-RAY

This receiver is designed so that any X-Ray radiation is kept to an absolute minimum. Since certain malfunctions or servicing may produce potentially hazardous radiation with prolonged exposure at close range, the following precautions should be observed.

1. When repairing the circuit, be sure not to increase the high voltage to more than 30.0 kV (at beam 1000  $\mu$ A) for the set.
2. To keep the set in a normal operation, be sure to make it function on 23.5 kV  $\pm$  1.5 kV (at beam 800  $\mu$ A)(37DT-25S), 26.3 kV  $\pm$  1.5 kV (at beam 800  $\mu$ A)(54DT-25S), in the case of the set. The set has been factory adjusted to the above mentioned high voltage. If there is a possibility that the high voltage fluctuates as result of the repairs, never forget to check for such high voltage after the work.
3. Do not substitute a picture tube with unauthorized types or brands which may cause excess X-Ray radiation.

### BEFORE RETURNING THE RECEIVER

Before returning the receiver to the user, perform the following safety checks.

1. Inspect all lead insulation to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulating fishpapers, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.

# SERVICE ADJUSTMENT

## ■ SERVICE MODE FUNCTION

This mode function is provided to assist with the settings of those adjustments that may vary from one Picture Tube to another, or between models.

### In order to use the Service Mode

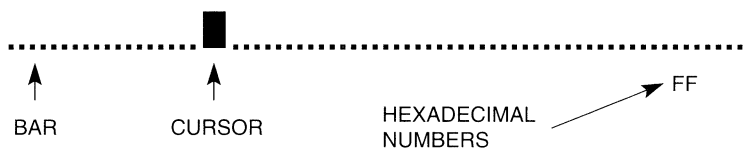
1. Press main switch to OFF.
  2. Connect Test Pattern signal to antenna terminal.
  3. Press  $\nabla$   $\triangleleft$  and CH  $\blacktriangleleft$  buttons and main switch to ON simultaneously.
  4. -SERV- will appear on screen. Service mode is now entered.
  5. Select adjustment using buttons  $\blacktriangleleft$  CH  $\nabla$ .
- To exit service mode, press main switch to OFF or press MENU button on R/C.

	Displayed on Screen	Hexadecimal Range	Function
	-SERV-		Indicates operative Service Mode.
a.	AGC	00 ~ 3F	Auto Gain Control.
b.	AFT	00 ~ 7F	Auto Frequency Control
c.	H-SHFT	00 ~ 3F	Horizontal Position shift
d.	V-SHFT	00 ~ 3F	Vertical Position shift.
e.	V-AMPL	00 ~ 3F	Vertical Amplitude shift.
f.	V-SLOP	00 ~ 3F	Vertical Symmetry alteration.
g.	V-DLY	00 ~ CF	VIDEO Delay.
h.	GAIN R	00 ~ 3F	Red Gain.
i.	GAIN G	00 ~ 3F	Green Gain.
j.	GAIN B	00 ~ 3F	Blue Gain.
k.	NVM		Access to NVM memory.

6. For "a" thru j selections.

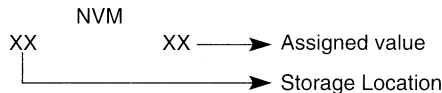
Adjustment to a selection can be made by pressing buttons  $\blacktriangleleft$   $\triangleleft$   $\nabla$  ).

A colour bar is displayed on the OSD to indicate the adjustment position, together with hexadecimal numbers (Not for GII adjustment).



For "k" Selection.

NVM storage location settings variants.



In order to have access to the desired storage location, buttons  $\blacktriangleleft$   $\triangleleft$   $\nabla$  should be pressed, as required, to obtain a higher or lower location, respectively. Bear in mind that, for storage location indication a hexadecimal numerical system is used, instead of a decimal system.

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, 10, 11, .....19, 1A, 1B, 1C, 1D, 1E, 1F, 20, 21, ..... 99, 9A, 9B, 9C, 9D, 9E, 9F, A0, A1, ..... B0, ..... C0, ..... D0, ..... E0, ..... F0, F1, F2, F3, F4, F5, F6, F7, F8, F9, FA, FB, FC, FD, FE, FF.

From the last location FF to the first 00 can be reached by increasing and from first to last by decreasing. Once the storage location to be varied has been selected, its value can be modified by the bits that form part of the storage location numerical buttons, numbers  $\boxed{0}$  to  $\boxed{7}$ , respectively. This switches its binary number from and between 0 and 1 each time one of the buttons is pressed.

$$\boxed{0} = 2^0 = 1, \boxed{1} = 2^1 = 2, \boxed{2} = 2^2 = 4, \dots$$

ADD (HEX)	DESCRIPTION																
00	RED COLOUR TEMPERATURE																
01	GREEN COLOUR TEMPERATURE																
02	BLUE COLOUR TEMPERATURE																
03	VERTICAL SHIFT																
04	HORIZONTAL SHIFT																
05	VERTICAL AMPLITUDE																
06	VERTICAL SLOPE																
07	LUMA DELAY PAL																
08	LUMA DELAY SECAM																
09	S-CORRECTION																
0A	AGC																
0B	<p>OPTIONS:</p> <table border="1" style="margin-left: 40px;"> <tr> <td>ING_OSD</td> <td>A_F</td> <td>CHL</td> <td>PAL</td> <td>UHF</td> <td>T_LOCK</td> <td>AV-F</td> <td>FP</td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">6</td> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> <td style="text-align: center;">3</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> </tr> </table> <p>0: FP: SYSTEM B/G (0) - B/G+L, MESSAGE RECHERCHE (1)            1: AV FRONTAL: NOT INCLUDED (0) , INCLUDED (1)            2: TUNING LOCK (HOTEL): LOCKED+SWITCH-ON PR1 (1), NO LOCKED (0)            3: UHF-ONLY: BAND UHF (1) - ALL BANDS (0)            4: PAL ONLY (1), PAL+SECAM (0)            5: CHILD LOCK: CHILD LOCK ACTIVE (1) CHILD LOCK NO ACT (0)            6: AUTO FIRST: TUNING FIRST MENU: AUTO (1) MANUAL (0)            7: ING_OSD: OSD_INGLES (1) OSD-SYMBOL (0) VALUE=70H (37DT-25S), 70H (54DT-25S)</p>	ING_OSD	A_F	CHL	PAL	UHF	T_LOCK	AV-F	FP	7	6	5	4	3	2	1	0
ING_OSD	A_F	CHL	PAL	UHF	T_LOCK	AV-F	FP										
7	6	5	4	3	2	1	0										
0C	AFT ADJUSTMENT VALUE (B/G, L SYSTEMS)																
0D	AFT ADJUSTMENT VALUE (L' SYSTEM)																
0E	MAXIMUM VOLUME LIMIT																
0F	FIRM																
10	RED COLOUR TEMPERATURE																
11	GREEN COLOUR TEMPERATURE																
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1A	AGC																

1B	<p>OPTIONS:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>ING_OSD</td> <td>A_F</td> <td>CHL</td> <td>PAL</td> <td>UHF</td> <td>T_LOCK</td> <td>AV_F</td> <td>FP</td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">6</td> <td style="text-align: center;">5</td> <td style="text-align: center;">4</td> <td style="text-align: center;">3</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> </tr> </table> <p>0: FP: SYSTEM B/G (0) - B/G+L, MESSAGE RECHERCHE (1)  1: AV FRONTAL: NOT INCLUDED (0), INCLUDED (1)  2: TUNING LOCK (HOTEL): LOCKED+SWITCH-ON PR1 (1), NO LOCKED (0)  3: UHF-ONLY: BAND UHF (1) - ALL BANDS (0)  4: PAL ONLY (1), PAL+SECAM (0)  5: CHILD LOCK: CHILD LOCK ACTIVE (1) CHILD LOCK NO ACT (0)  6: AUTO FIRST: TUNING FIRST MENU: AUTO (1) MANUAL (0)  7: ING_OSD: OSD_INGLES (1) OSD_SYMBOL (0) VALUE=70H (37DT-25S), 70H (54DT-25S)</p>	ING_OSD	A_F	CHL	PAL	UHF	T_LOCK	AV_F	FP	7	6	5	4	3	2	1	0
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7	6	5	4	3	2	1	0										
1C	AFT ADJUSTMENT VALUE (B/G, L SYSTEMS)																
1D	AFT ADJUSTMENT VALUE (L' SYSTEM)																
1E	MAXIMUM VOLUME LIMIT																
1F	FIRM																
20	RED COLOUR TEMPERATURE																
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ING_OSD	A_F	CHL	PAL	UHF	T_LOCK	AV_F	FP										
7	6	5	4	3	2	1	0										
2C	AFT ADJUSTMENT VALUE (B/G, L SYSTEMS)																
2D	AFT ADJUSTMENT VALUE (L' SYSTEM)																
2E	MAXIMUM VOLUME LIMIT																
2F	FIRM																
30	TABLE LONG																
31	FIRM																
32	AGING ON. AUTOMATIC SWITCH ON.																
33	SWITCH ON DELAY TIME																

34	VOLUME
35	CONTRAST
36	COLOUR
37	BRIGHTNESS
38	PEAKING (RANGE: 0-3FH)
39	ACTUAL PROGRAMM
3A	TV STATE ON/OFF
3B	HUE
3C	CONTRAST (FACTORY PRESET)
3D	COLOUR (FACTORY PRESET)
3E	BRIGHTNESS (FACTORY PRESET)
3F	PEAKING (RANGE: 0-3FH)(FACTORY PRESET)
40	ON TIMER LAST VALUE
41	OFF TIMER LAST VALUE
42	OSD STATE BIT 0: PICTURE NORM ON/OFF BIT 1: SCART/AV LOCKED BIT 2: FRONTAL LOCKED BIT 3: ROW 8/30 PERM.(RESERVED-PROG. INTERNALLY) BIT 4: PIN NUMBER OPTION (0-NOT APPEAR, 1-APPEAR) BIT 5: CLOCK STATE (PROGRAMMED INTERNALLY) BIT 6: ELIMINATE VERTICAL WHITE BARS IN MENUS BIT 7: (1) REAL_TIMER + ALARM / (0) ON_TIMER VALUE=51H (37DT-25S), 51H (54DT-25S)
43	BKGD USER'S CORRECTION (NOT USED IN THIS MODEL)
44	BKGD USER'S CORRECTION PRESET VALUE (NORMALIZED) (")
45	VOLTAGE LIMIT BETWEEN L'-L SYSTEM (MSB)
46	VOLTAGE LIMIT BETWEEN L'-L SYSTEM (LSB)
47	HORIZONTAL OSD OFFSET BIT 7: DIRECTION SIGN: (0) INCREASE (1) DECREASE BIT 6: DON'T CARE BIT 5 - BIT 0: OFFSET VALUE
48	PROG SEARCH SPEED ALL BAND -HIGH NIBBLE CPLEMENTED-
49	PROG SEARCH SPEED (VHL BAND) -HIGH NIBBLE CPLEMENTED-
4A	PROG SEARCH SPEED (VHL BAND) -HIGH NIBBLE CPLEMENTED-
4B	PROG SEARCH SPEED (VHH BAND) -HIGH NIBBLE CPLEMENTED-
4C	CHANNEL RANGE IN FACTORY AUTOINSTALL
4D	PASSWORD ON (1)/OFF (0)
4E	PASSWORD FIRST DIGIT
4F	PASSWORD SECOND DIGIT
50	PASSWORD THIRD DIGIT
51	PASSWORD FOURTH DIGIT
52	FREE

53	OSD WORD 1: BIT 0:OSD PROG SIZE. 0= LARGE (14") 1= SHORT (21") BIT 1:OSD PROG DISPLAYED TIME. 0=SHORT TIME / 1= LONG TIME
54	RED REFERENCE FOR AUTO BKGD ADJUSTMENT
55	GREEN REFERENCE FOR AUTO BKGD ADJUSTMENT
56	BLUE REFERENCE FOR AUTO BKGD ADJUSTMENT
57	CONTROL_2: OSO, VSD, CB, BLS, BKS, CS1, CS0, BB VALUE= 09AH
58	CONTROL_3: HOB, BPS, ACL, CMB, AST, CL2, CL1, CL0 VALUE= 024H
59	VERTICAL ZOOM APPROX. VALUE= 0DH
5A	VERTIVAL SCROLL APPROX. VALUE= 020H
5B	CONTROL_0: INA, INB, INC, CCC-D, FOA, FOB, XA, XB VALUE=01AH
5C	CONTROL_1: FORF, FORS, DL, STB, POC, CM2, CM1, CM0 VALUE=0C0H
5D	CONTROL_5: EVG, HCO, LBM, VID, STM, NCIN, VIM, AKB VALUE=026H
5E	CONTROL_6: IFS, AFW, IE1, COR, RBL, MAT, PRD, SBL VALUE=03CH
5F	CONTROL_7: EVSINC, EBS, FFI, HBL, GAI, IE2, DS, DSA VALUE=0H
60	NOT USED
61-FF	PROGRAMS (0-52)
100-18Dh	PROGRAMS (53-99)

## ■ PIF/AGC Adjustment

### 1. VCO + AFT Adjustment

1. Connect the output of SSG (Standard Signal Generator) to the tuner IF output terminal.
  - SSG output: 38.9 MHz (CW)  $\pm 5$  kHz).
  - SSG output level: approx. 90 dB $\mu$ V.
2. Enter into Service Mode.
3. Push CH  $\wedge$  until AFT appears.
4. Press  $\odot$  button on R/C. Setting is made automatically. During this setting the colour bar shall go from red to yellow. When setting is finished, colour bar disappears and B-STOP (bus stop) is shown on screen.
5. Switch set OFF and ON again, setting is now memorized.

### 2. RF-AGC Cut-In Adjustment (I2C BUS)

1. Receive the "COLOUR BAR" signal (Channel E-12).
  - Signal strength: 60 dB $\mu$ V.
2. Enter into Service Mode.
3. Push CH  $\wedge$  until AGC appears.
4. Press  $\odot$  button on R/C. Setting is made automatically. During this setting the colour bar shall go from red to yellow. When setting is finished, colour bar disappears and B-STOP (bus stop) is shown on screen.
5. Switch set OFF and ON again, setting is now memorized.

## ■ Screen Adjustment

### 3. Focus Adjustment

1. Apply mains voltage of 220 V AC/50 Hz to TV.
2. Receive Phillips pattern signal to a level between 60 and 80 dB $\mu$ V.
3. Set contrast to 10/10, brightness to 5/10 and colour 0/10.
4. Adjust focus potentiometer to obtain maximum definition.

### 4. G2 Adjustment

1. Apply mains voltage of 220 V AC/50 Hz to TV.
2. Receive MONOSCOPE PATTERN signal to a level between 60 and 80 dB $\mu$ V.
3. Enter into Service Mode. Press the TEXT key of R/C and set to level.
4. Set to the point where the raster disappears on the screen VR of FBT.



## ■ GEOMETRY ADJUSTMENT PROCEDURE

### 1. H-SHFT

- Receive Philips pattern signal.
- When  $\triangle/\wedge$  button is pressed, picture moves to the left.
- When  $\triangle/\vee$  button is pressed, picture moves to the right.
- Adjust the horizontal location to obtain picture centering (fig. 1)

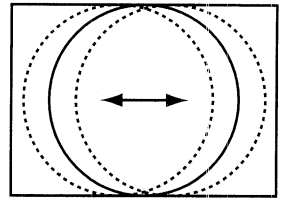


Fig.1

### 2. V-SHFT

- Receive Philips pattern signal.
- When  $\triangle/\wedge$  button is pressed, picture moves up.
- When  $\triangle/\vee$  button is pressed, picture moves down.
- Adjust the horizontal location to obtain picture centering (fig. 2)

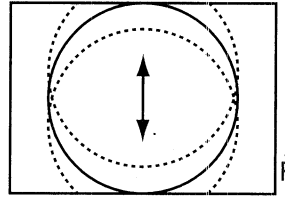


Fig.2

### 3. V-AMPL

- Receive Philips pattern signal.
- When  $\triangle/\wedge$  button is pressed, vertical size of picture increases.
- When  $\triangle/\vee$  button is pressed, vertical size of picture decreases.
- Adjust the vertical size to obtain overscan (fig. 3).

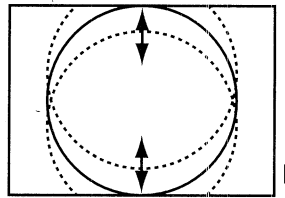


Fig.3

### 4. V-SLOP

- Receive Philips pattern signal.
- When  $\triangle/\wedge$  button is pressed, upper picture scanning decreases and lower picture scanning increases.
- When  $\triangle/\vee$  button is pressed, upper picture scanning increases and lower picture scanning decreases.
- Adjust the vertical symmetry to obtain symmetrical scanning between upper and lower picture (fig. 4).

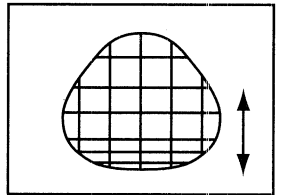


Fig.4

## COLOUR ADJUSTMENT

### 5. V-DLY

- Receive Philips pattern signal.
- When  $\triangle/\wedge$  button is pressed, luma phase delays.
- When  $\triangle/\vee$  button is pressed, chroma phase delays.
- Adjust the chroma-luma delay.

The following adjustments are only required when the Picture Tube is changed.

### 6. "GAIN R", "GAIN G", "GAIN B".

- Adjust G2.
- Tune in white card.
- Adjust colour to minimum.
- Position colourmeter in the center of screen.
- Using brightness and contrast buttons, select a luminance of  $\approx 120$  nits.
- Operate again in Service Mode and select location GAIN R, GAIN B to obtain colour coordinates:
 
$$X = 0.290 \pm 0.015$$

$$Y = 0.284 \pm 0.015$$
- Exit Service Mode and check colour coordinates 'X' and 'Y' at 20 and 120 NITS. It may be necessary to repeat procedure.

## NOTE:

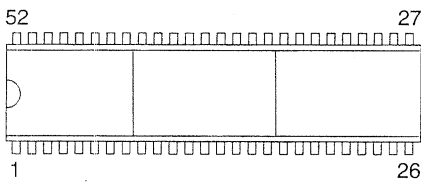
Locations: GAIN R alter 'X' coordinate; GAIN G alter the 'Y' coordinates; GAIN B alter the 'X' and 'Y' coordinates.

## CHILD LOCK CANCEL

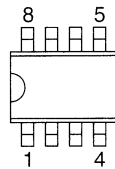
The following process describes how to cancel actual password (PIN) when the customer forgets code.

1. Switch ON TV set.
2. Press button  $\nabla$  on TV and  $\odot$  on R/C simultaneously.
3. Press MENU button on R/C to input menu.
4. Using buttons  $\wedge$  CH  $\nabla$  move to  $\odot$  position.
5. Press MENU button again.
6. Select PIN and input new PIN (Please do not forget it)
7. Select EXIT and press MENU button again.

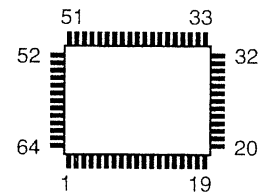
## SOLID STATE DEVICE BASE DIAGRAM



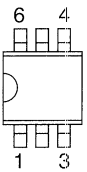
RH-IX1655BMNO(54DT-25S)  
RH-IX1658BMNO(37DT-25S)



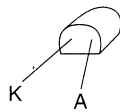
RH-IX1640BMZZ  
(SMD COMPONENT)



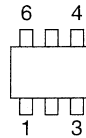
RH-IX1630BMZZ  
(SMD COMPONENT)



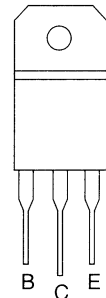
RH-FX0103BMZZ  
(SMD COMPONENT)



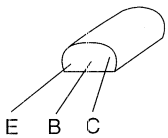
RH-IX0037CEZZ



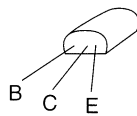
VHSMT1A/A// -1  
(SMD COMPONENT)



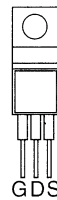
RH-TX0132BMZZ



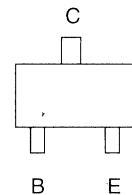
RH-TX0102BMZZ  
RH-TX0104BMZZ  
RH-TX0105BMZZ  
RH-TX0142BMZZ  
RH-TX0130BMZZ  
RH-TX0154BMZZ



RH-TX0108BMZZ  
RH-TX0112BMZZ  
RH-TX0118BMZZ  
RH-TX0131BMZZ  
RH-TX0180BMZZ  
RH-TX0140BMZZ  
RH-TX0141BMZZ

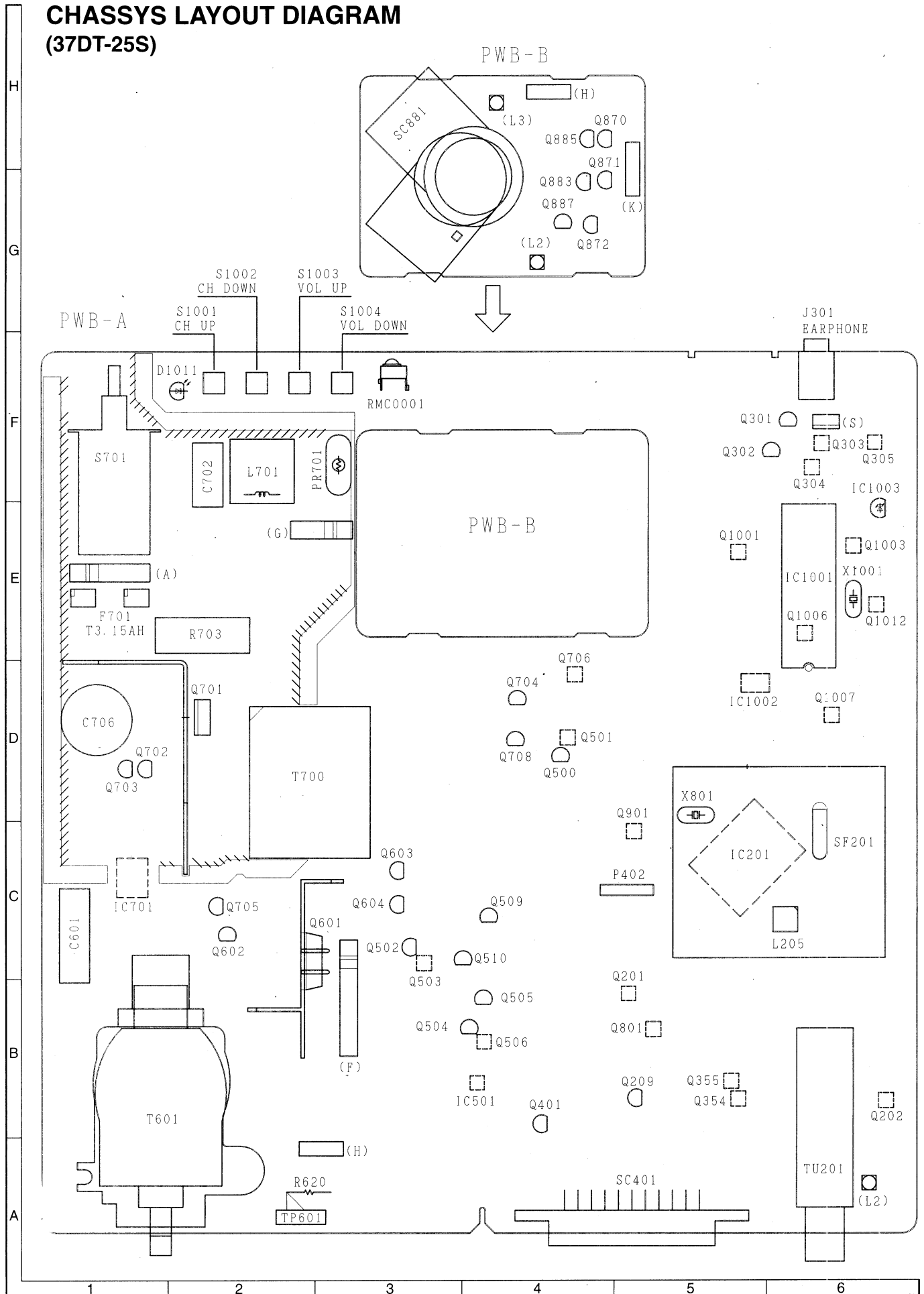


RH-TX0128BMZZ

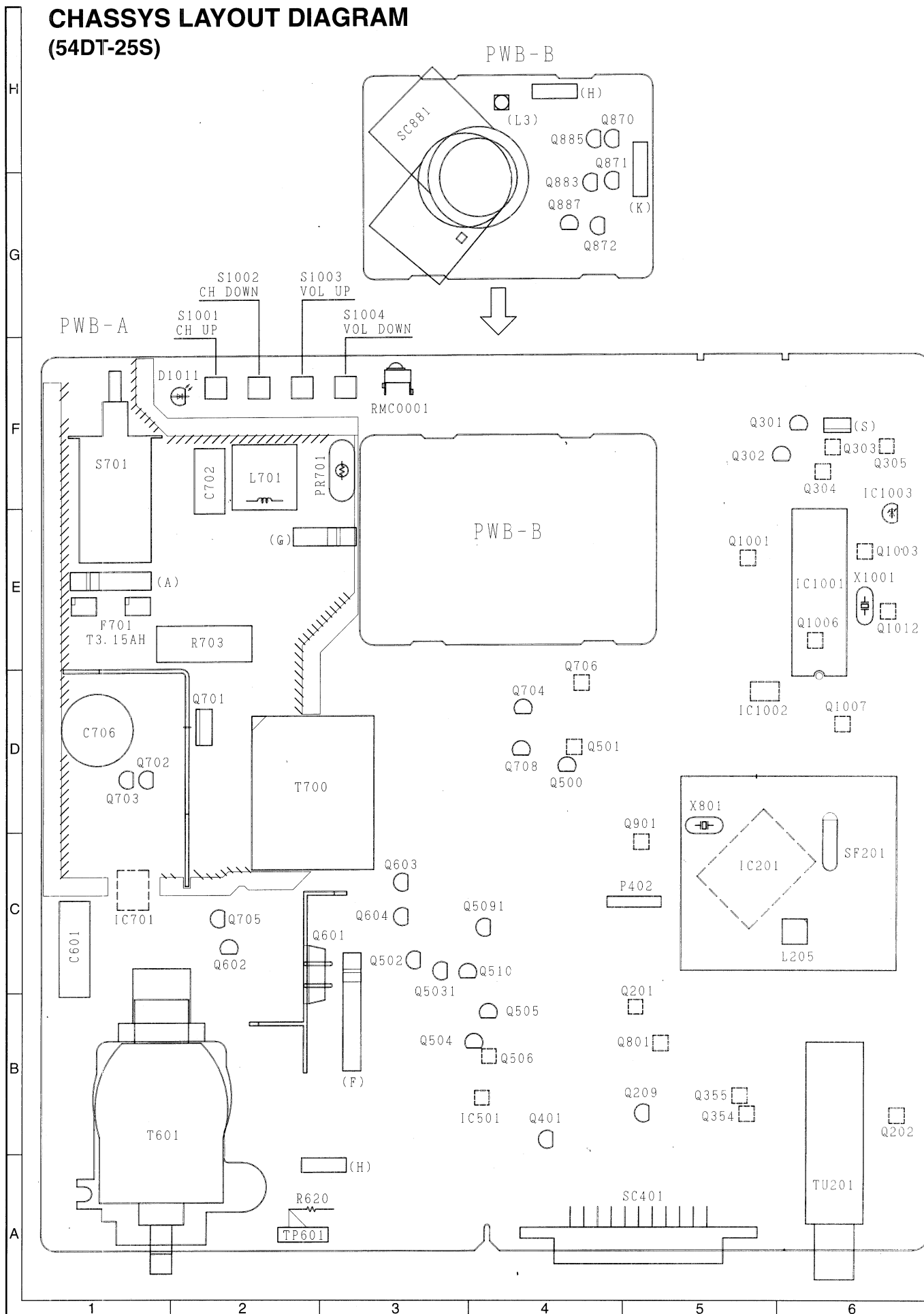


VS2SA1037KQ-1  
VS2SC2412KQ-1  
(SMD COMPONENT)  
RH-TX0152BMZZ  
RH-TX0153BMZZ  
RH-TX0113BMZZ

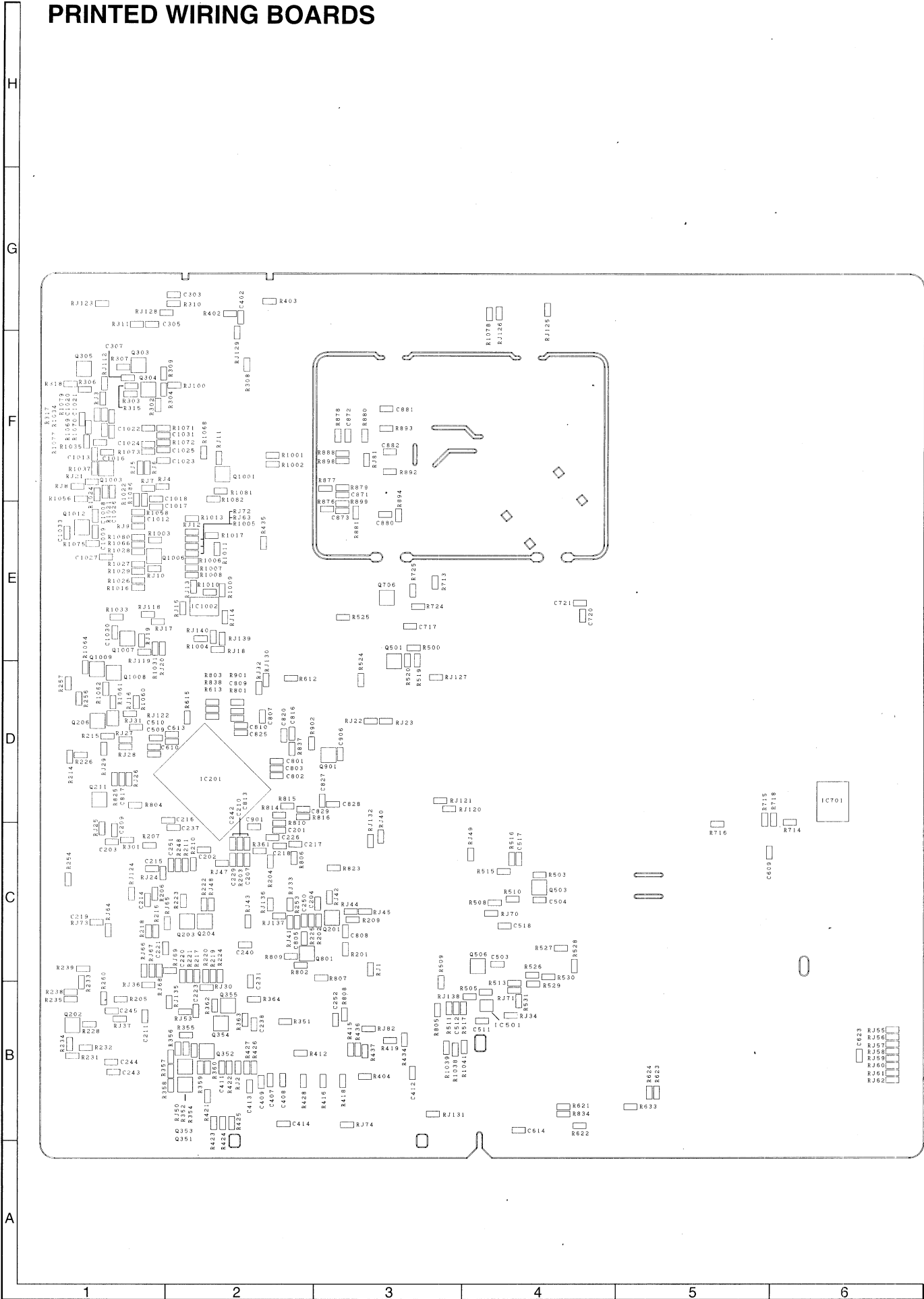
# CHASSYS LAYOUT DIAGRAM (37DT-25S)



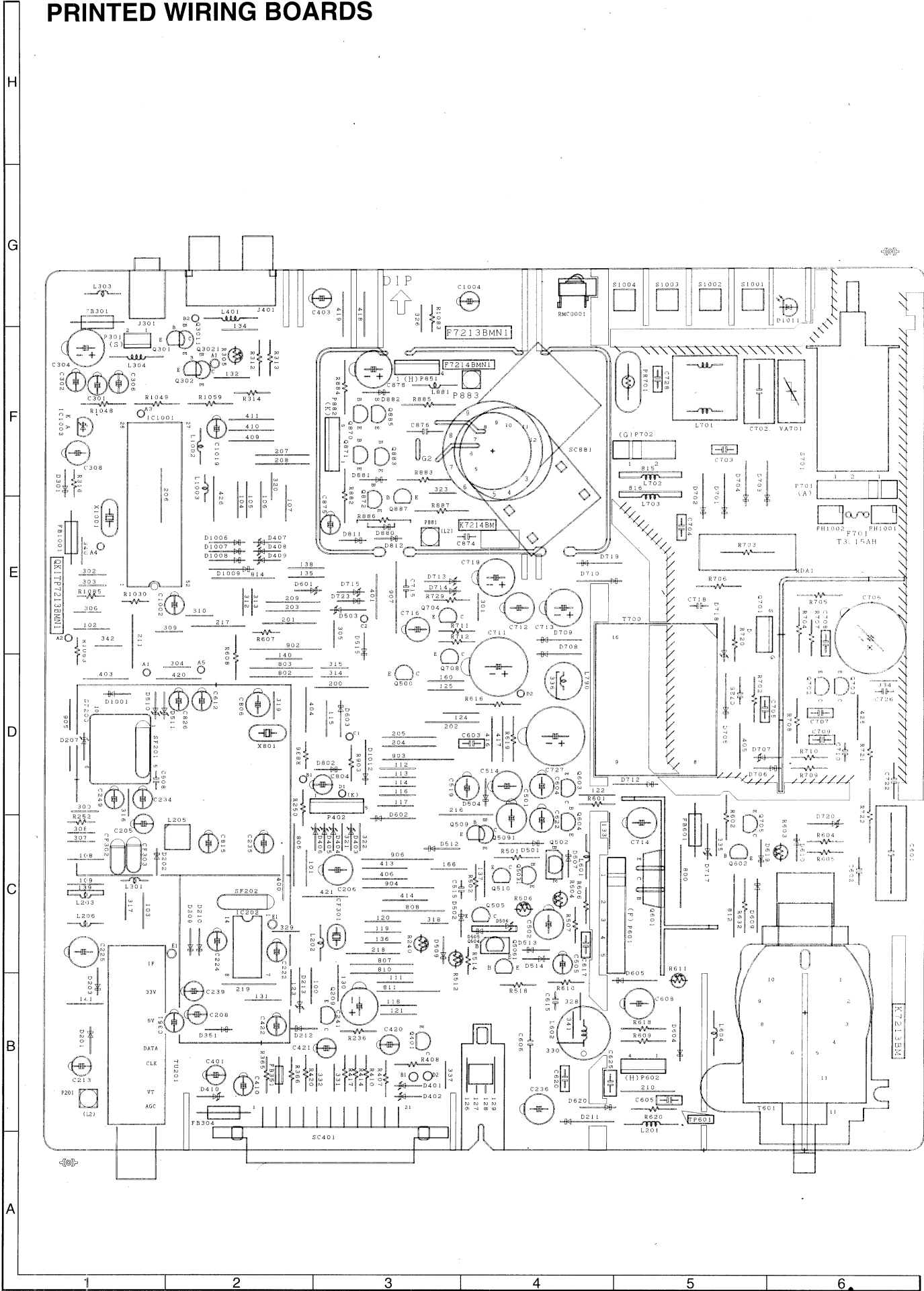
# CHASSYS LAYOUT DIAGRAM (54DT-25S)



# PRINTED WIRING BOARDS



# PRINTED WIRING BOARDS



# DESCRIPTION OF SCHEMATIC DIAGRAM

## SAFETY NOTE:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

## IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "△" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET, BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

## SEVICE 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.

## NOTE:

1. The unit of resistance "ohm" is omitted (K+1000 ohms, M=Magaohm).
2. All resistors are 1/8 watt, unless otherwise noted.
3. All capacitors are  $\mu\text{F}$ , unless atherwise noted ( $P=\mu\mu\text{F}$ ).
4. The capacitor with Part No. RC-FZ9XXXBMNJ is designed to withstand 63V.

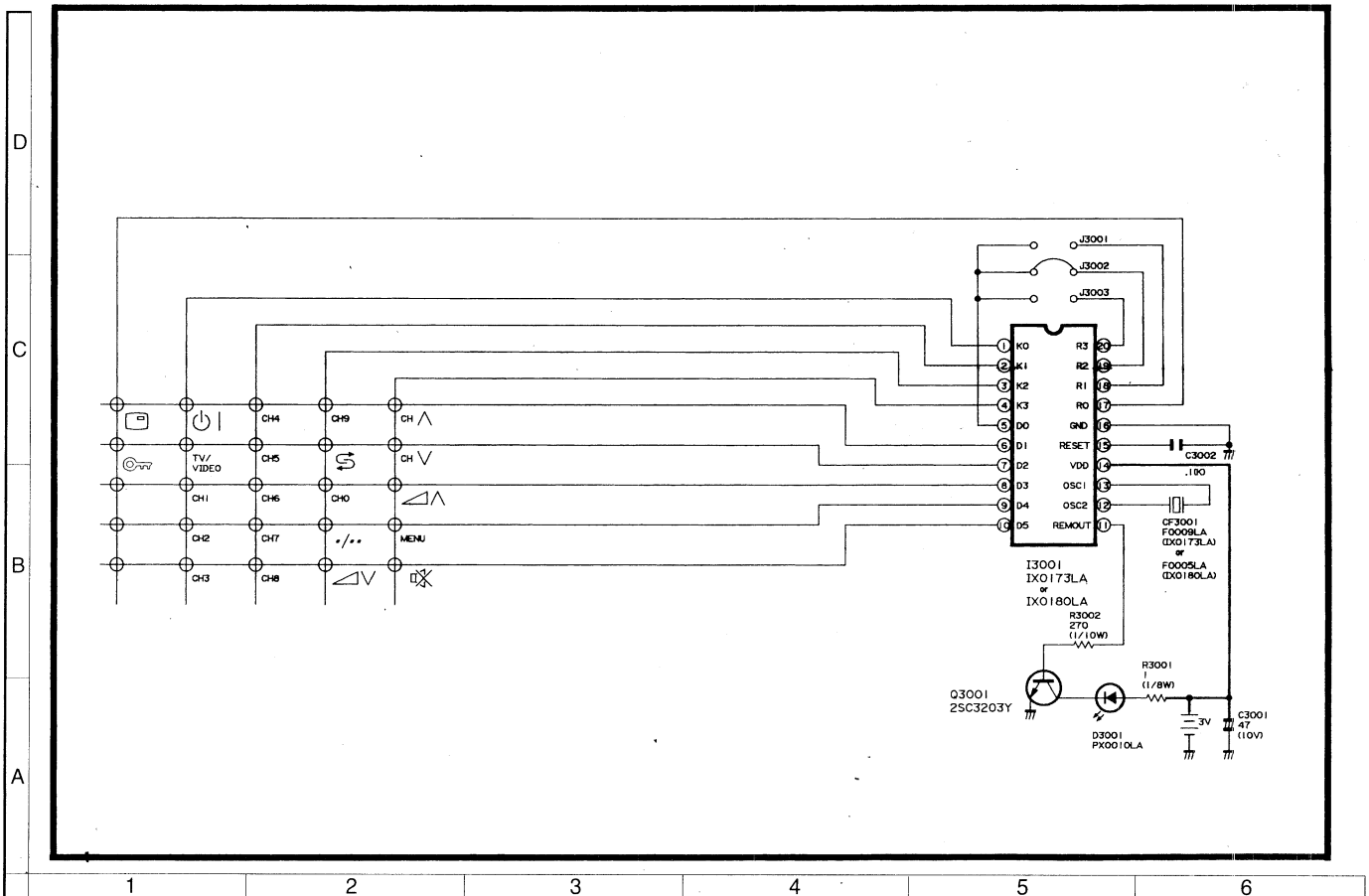
## WAVEFORM MEASUREMET CONDITION

Colour bar generator signal of 70 dB from RF input.

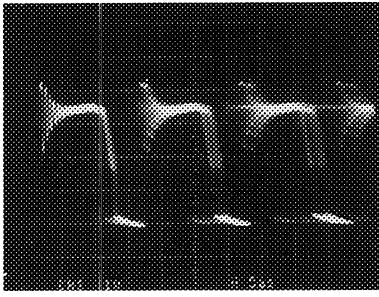
## CAUTION

This circuit diagram is original one, therefore there may be a slight difference from yours.

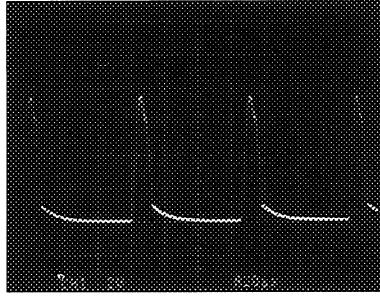
## REMOTE CONTROL TRANSMITTER CIRCUIT



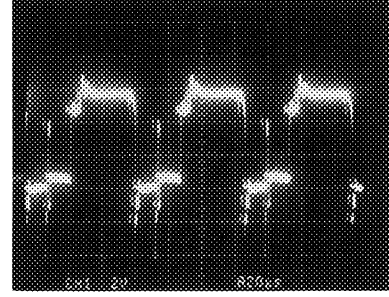
# WAVE FORMS



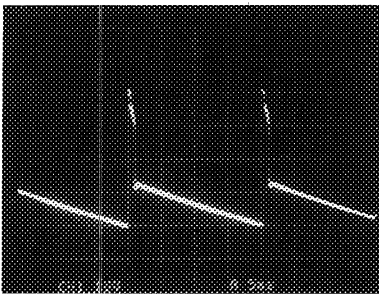
①  
100 : 1



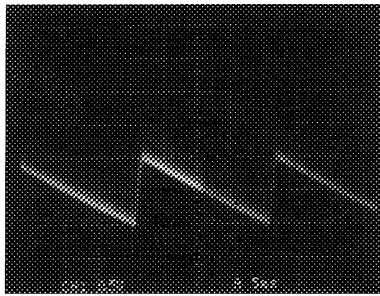
②  
780V p-p  
100 : 1



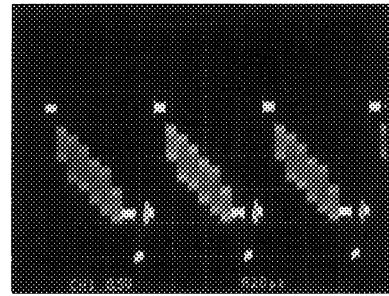
③



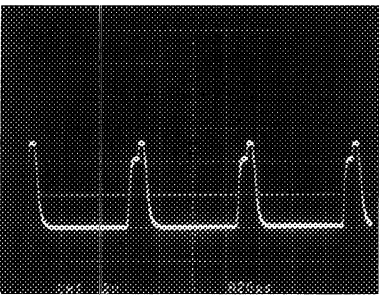
④  
40.1Vp-p



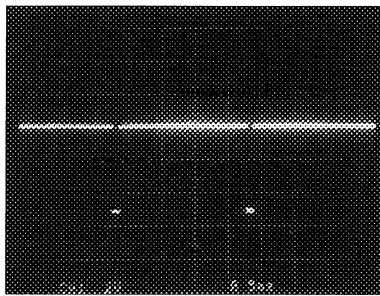
⑤  
1Vp-p



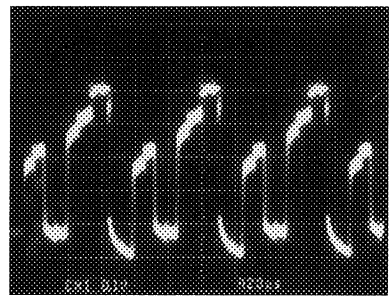
⑥



⑦



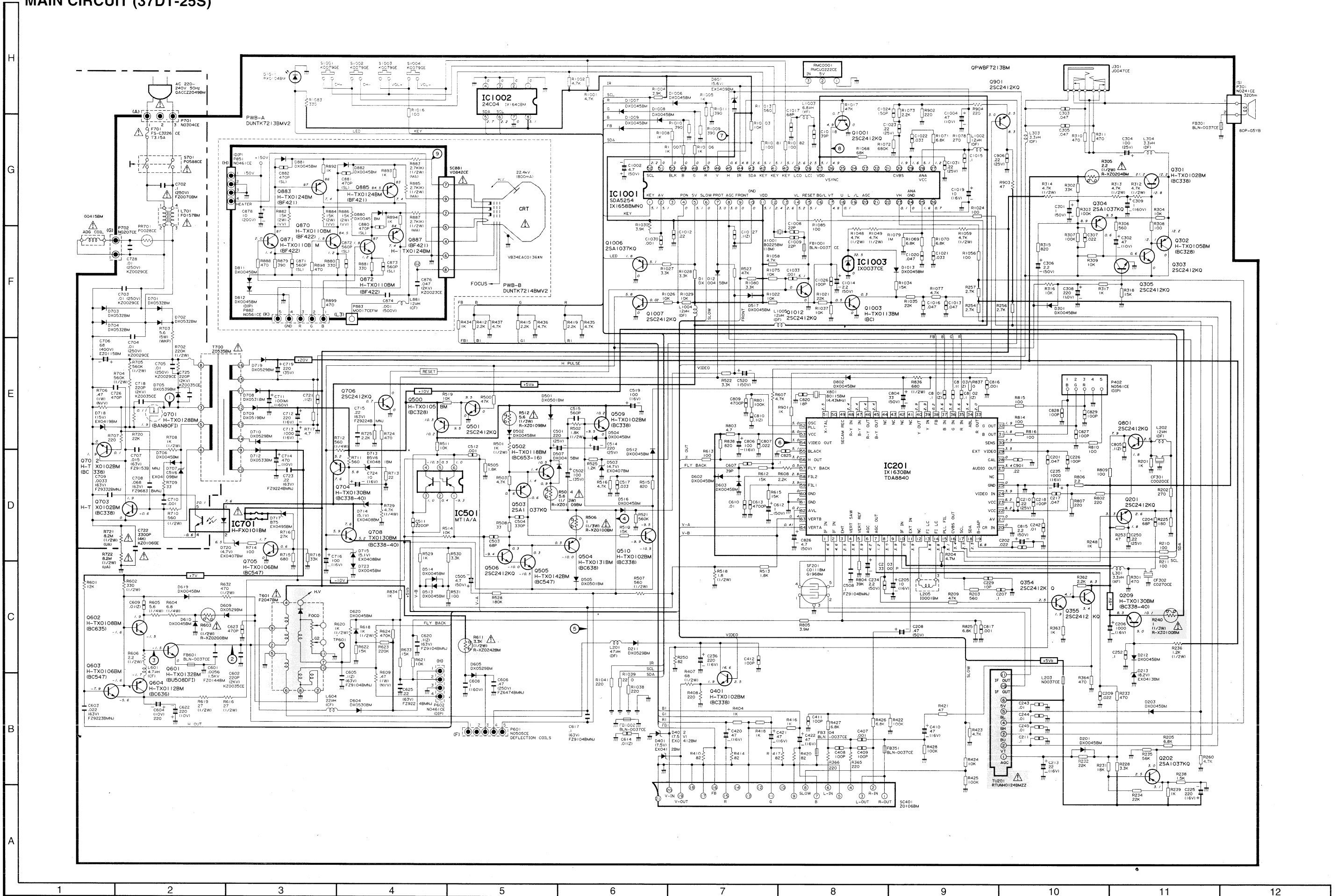
⑧  
5Vp-p



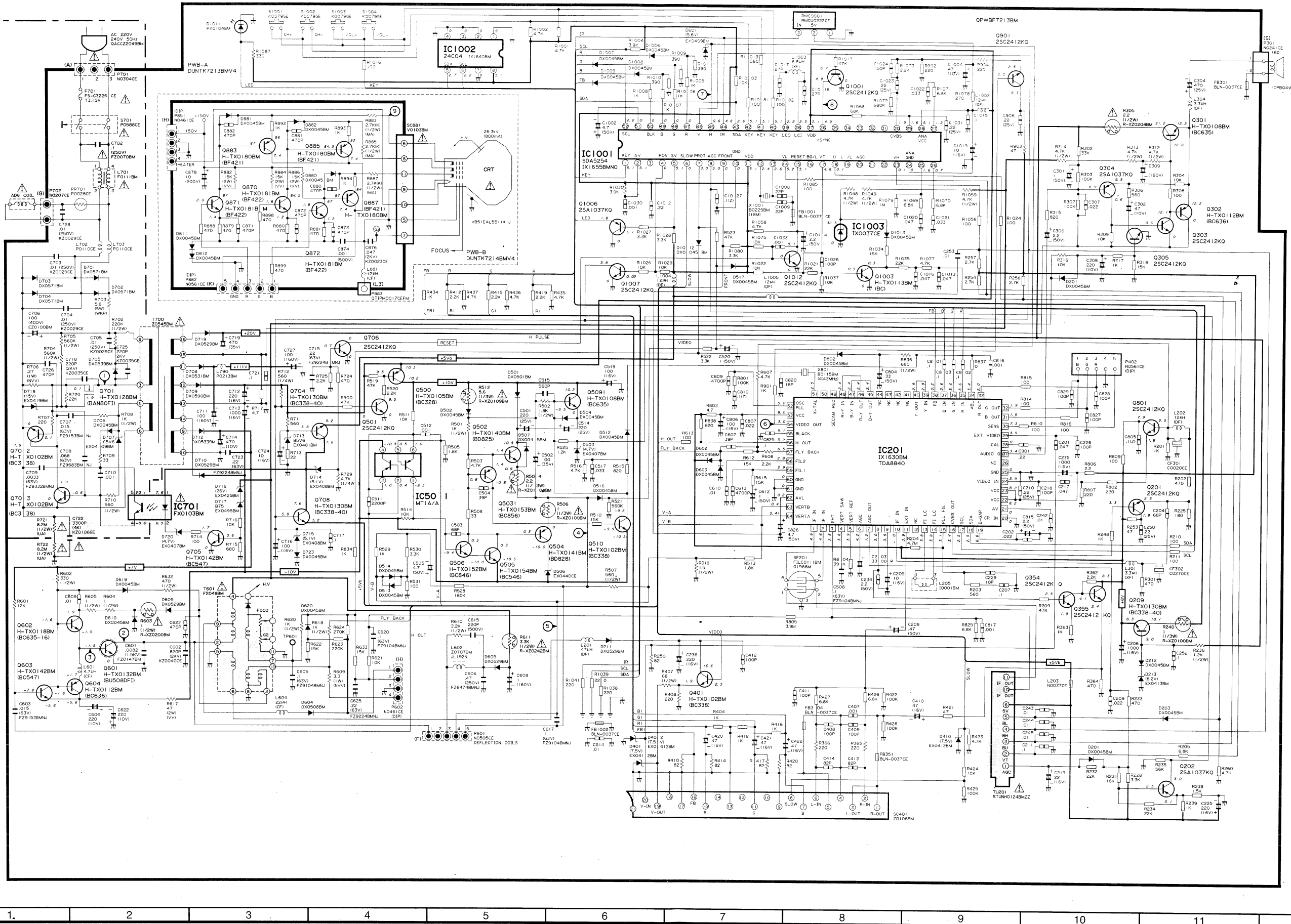
⑨  
50.6Vp-p  
100 : 1



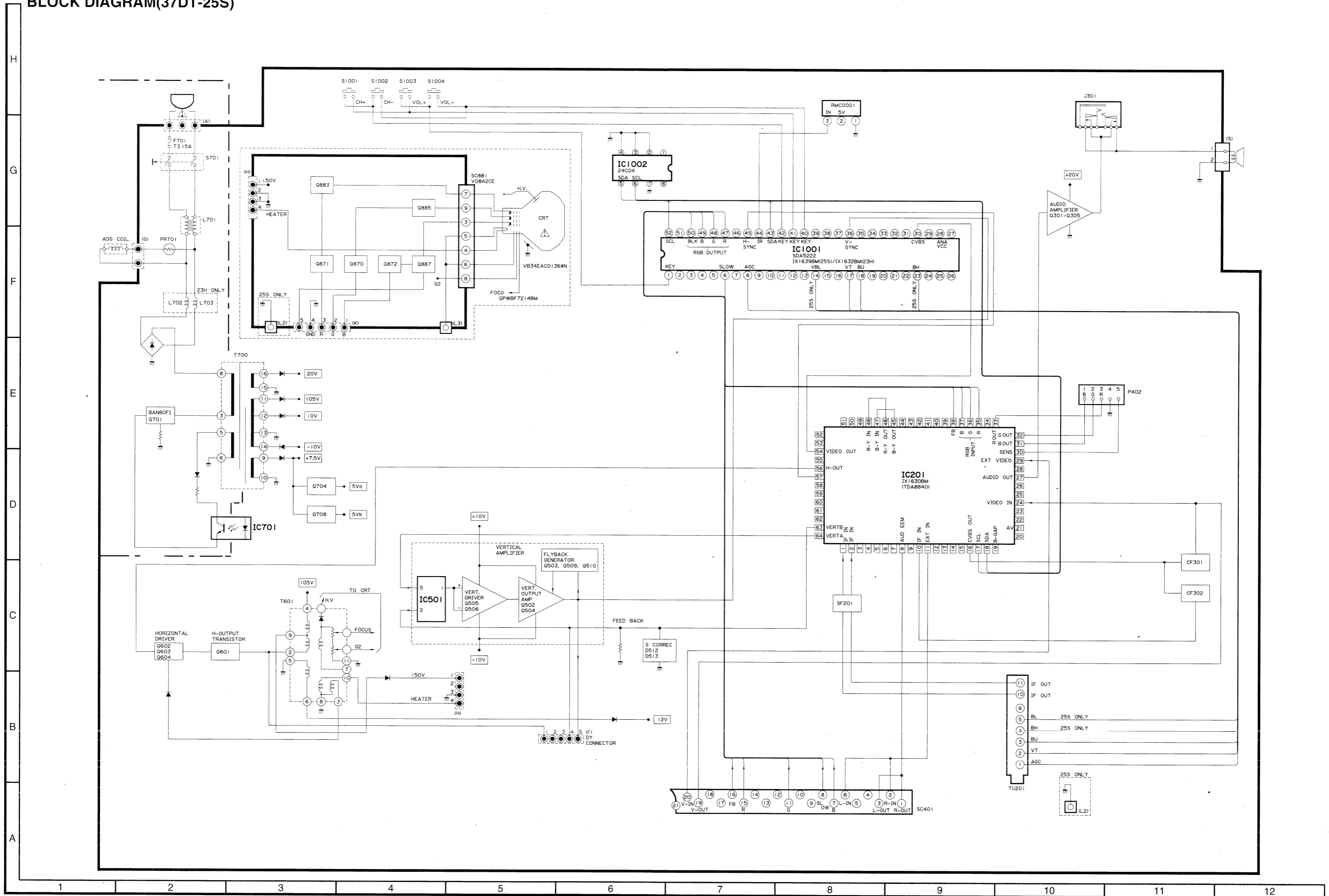
MAIN CIRCUIT (37DT-25S)



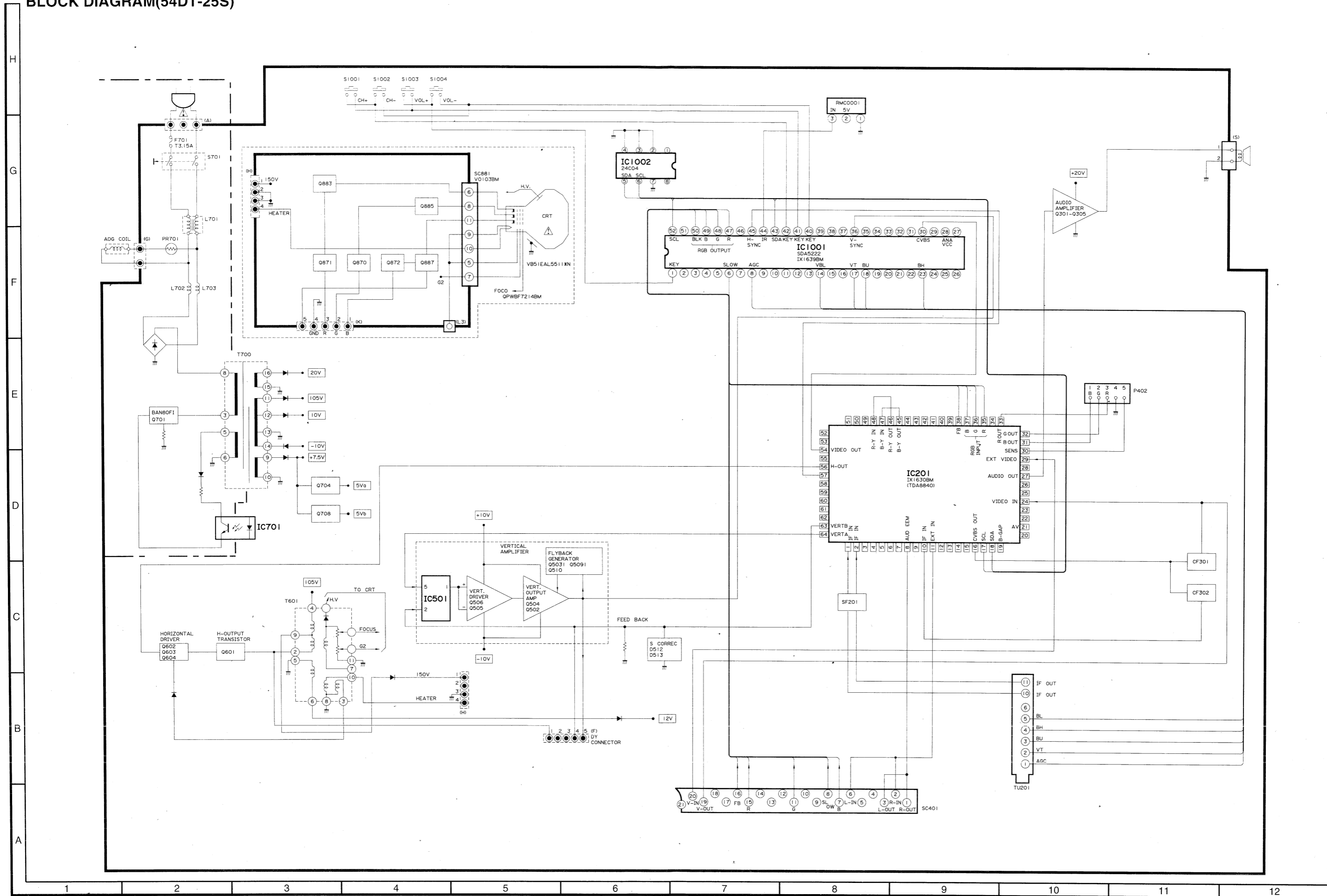
MAIN CIRCUIT (54DT-25S)



BLOCK DIAGRAM(37DT-25S)



BLOCK DIAGRAM(54DT-25S)



PARTS LIST REPLACEMENT PARTS					REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP
<p>Replacement parts which have special safety characteristics are identified in this manual. Electrical components having such features are identified by <math>\Delta</math> in the Replacement Parts list.</p> <p>The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended is not permitted. Replacement parts not shown in this service manual may create shock fire, or other hazards.</p> <p><b>HOW TO ORDER REPLACEMENT PARTS</b></p> <p>To have your order completed promptly and correctly please supply the following information.</p> <p>1. MODEL NUMBER                      2. REF. NO. 3. PART NO.                                4. DESCRIPTION 5. CODE                                      6. QUANTITY</p> <p>CODE EX: EUROPEAN MARKET CODE SP: SPANISH MARKET ★ MARK: SPARE PARTS DELIVERY SECTION</p>					Q 0500	RH-TX0105BMZZ	S	BC328	AB AA
					Q 0501	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0502	RH-TX0118BMZZ	S	BC635-16 37DT25S	AC AC
					Q 0502	RH-TX0140BMZZ	S	BD825-16 54DT25S	AC AF
					Q 0503	VS2SA1037KQ-1	S	BC807 37DT25S	AA AA
					Q 0503	RH-TX0153BMZZ	S	BC856BLT1 54DT25S	AB AA
					Q 0504	RH-TX0131BMZZ	S	BC638 37DT25S	AC AB
					Q 0504	RH-TX0141BMZZ	S	BD828 54DT25S	AC AF
					Q 0505	RH-TX0142BMZZ	S	BC547-B 37DT25S	AB AA
					Q 0505	RH-TX0154BMZZ	S	BC546 54DT25S	AA AA
					Q 0506	VS2SC2412KQ-1	S	2SC2412 37DT25S	AA AA
					Q 0506	RH-TX0152BMZZ	S	BC846BLT1 54DT25S	AA AA
					Q 0509	RH-TX0102BMZZ	S	BC338	AB AA
					Q 0510	RH-TX0102BMZZ	S	BC338	AB AA
					Q 0601	RH-TX0132BMZZ	S	BU508DFI	AM AF
					Q 0602	RH-TX0180BMZZ	S	BC635 37DT25S	AB AA
					Q 0602	RH-TX0118BMZZ	S	BC635-16 B> 100 54DT25S	AC AC
					Q 0603	RH-TX0142BMZZ	S	BC547-B	AB AA
					Q 0604	RH-TX0112BMZZ	S	BC636	AB AA
					Q 0701	RH-TX0128BMZZ	S	STP3NA80FI	AM AF
					Q 0702	RH-TX0102BMZZ	S	BC338	AB AA
					Q 0703	RH-TX0102BMZZ	S	BC338	AB AA
					Q 0704	RH-TX0130BMZZ	S	BC338-40	AB AA
					Q 0705	RH-TX0142BMZZ	S	BC547-B	AB AA
					Q 0706	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0708	RH-TX0130BMZZ	S	BC338-40	AB AA
					Q 0801	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0901	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 1001	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 1003	RH-TX0113BMZZ	S	BF840	AC AA
					Q 1006	VS2SA1037KQ-1	S	BC807	AA AA
					Q 1007	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 1012	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 3011	RH-TX0108BMZZ	S	BC635	AC AA
					Q 3021	RH-TX0112BMZZ	S	BC636	AB AA
					Q 5031	RH-TX0153BMZZ	S	BC856	AB AA
					Q 5091	RH-TX0108BMZZ	S	BC635	AC AA
					<b>DIODES</b>				
					D 0201	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0203	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0211	RH-DX0529BMZZ	S	1N4935	AB AB
					D 0212	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0213	RH-EX0413BMZZ	S	Zener BZX79C8V2	AB AB
					D 0301	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0401	RH-EX0412BMZZ	S	Zener BZX79C7V5	AB AA
					D 0402	RH-EX0412BMZZ	S	Zener BZX79C7V5	AB AA
					D 0410	RH-EX0412BMZZ	S	Zener BZX79C7V5	AB AA
					D 0501	RH-DX0501BMZZ	S	1N4004	AA AA
					D 0502	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0503	RH-EX0409BMZZ	S	Zener BZX79C5V6	AA AA
					D 0504	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0505	RH-DX0501BMZZ	S	1N4004	AA AA
					D 0506	RH-EX0440CEZZ	S	Zener 2.7V	AA AA
					D 0507	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0512	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0513	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0514	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0516	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0517	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0601	RH-EX0409BMZZ	S	Zener BZX79C5V6	AA AA
					D 0602	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0603	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0604	RH-DX0506BMZZ	S	1N4936	AB AB
					D 0605	RH-DX0529BMZZ	S	1N4935	AB AB
					D 0609	RH-DX0529BMZZ	S	1N4935	AB AB
					D 0610	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0619	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0620	RH-DX0045BMZZ	S	1N4148	AA AA
					D 0701	RH-DX0571BMZZ	S	1N4005	AA AA
					<b>MOTHER UNIT</b>				
					<b>TUNER</b>				
					TU 0201	RTUNH0124BMZZ	S	Tuner	BA AU
					<b>INTEGRATED CIRCUITS</b>				
					IC 0201	RH-IX1630BMZZ	S	TDA8840	AZ AS
					IC 0501	VHSMT1A/A/-1	S	MT1A / A	AB AA
					$\Delta$ IC 0701	RH-FX0103BMZZ	S	MOC8105SR2V	AD AC
					IC 1001	RH-IX1658BMN0	S	$\mu$ P 37DT25S	BD AX
					IC 1001	RH-IX1655BMN0	S	$\mu$ P 54DT25S	BD AX
					IC 1002	RH-IX1640BMZZ	S	NVM	AL AF
					IC 1003	RH-IX0037CEZZ	S	UPC574J 33V	AD AF
					<b>TRANSISTORS</b>				
					Q 0201	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0202	VS2SA1037KQ-1	S	BC807	AA AA
					Q 0209	RH-TX0130BMZZ	S	BC338-40	AB AA
					Q 0301	RH-TX0102BMZZ	S	BC338	AB AA
					Q 0302	RH-TX0105BMZZ	S	BC328	AB AA
					Q 0303	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0304	VS2SA1037KQ-1	S	BC807	AA AA
					Q 0305	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0354	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0355	VS2SC2412KQ-1	S	2SC2412	AA AA
					Q 0401	RH-TX0102BMZZ	S	BC338	AB AA

REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP	REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP
					CAPACITORS				
D 0702	RH-DX0571BMZZ	S	1N4005	AA AA	C 0201	VCKYTV1HF473Z	S	0.047 50V Ceramic	AA AA
D 0703	RH-DX0571BMZZ	S	1N4005	AA AA	C 0202	VCKYTV1HB223K	S	0.022 50V Ceramic	AA AA
D 0704	RH-DX0571BMZZ	S	1N4005	AA AA	C 0203	VCKYTV1HB332K	S	3300p 50V Ceramic	AA AA
D 0705	RH-DX0539BMZZ	S	BYT52M	AC AA	C 0204	VCCCTV1HH680J	S	68p 50V Ceramic	AA AA
D 0706	RH-DX0045BMZZ	S	1N4148	AA AA	C 0205	VCEAGA1CW106M	S	10 16V Electrolytic	AA AA
D 0707	RH-EX0409BMZZ	S	Zener BZX79C5V6	AA AA	C 0206	VCEAGA1CW227M	R	220 16V Electrolytic 37DT25S	AC AC
D 0708	RH-DX0561BMZZ	S	RGF15J 54DT25S	AD AA	C 0206	VCEAGA1CW108M	S	1000 16V Electrolytic 54DT25S	AE AD
D 0708	RH-DX0531BMZZ	S	1N4937 37DT25S	AB AD	C 0207	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA
D 0709	RH-DX0590BMZZ	S	MBR1100RL	AE AD	C 0208	VCEAGA1HW474M	S	0.47 50V Electrolytic	AA AA
D 0710	RH-DX0529BMZZ	S	1N4935	AB AB	C 0209	VCKYTV1HB223K	S	0.022 50V Ceramic	AA AA
D 0712	RH-DX0533BMZZ	S	1N5819	AD AB	C 0210	VCKYTV1EF224Z	S	0.22 25V Ceramic	AA AA
D 0713	RH-EX0481BMZZ	S	Zener BZX79 B5V6	AB AA	C 0211	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA
D 0714	RH-EX0408BMZZ	S	Zener BZX79C5V1	AB AB	C 0213	VCEAGA1CW226M	S	22 16V Electrolytic	AA AA
D 0715	RH-EX0408BMZZ	S	Zener BZX79C5V1	AB AB	C 0217	VCKYTV1HF473Z	S	0.047 50V Ceramic	AA AA
D 0716	RH-EX0425BMZZ	S	Zener BZX79C27V	AA AA	C 0218	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA
D 0717	RH-EX0495BMZZ	S	Zener BZX79 75V	AB AA	C 0225	VCEAGA1CW227M	S	220 16V Electrolytic	AC AC
D 0718	RH-EX0419BMZZ	S	Zener BZX79C15V 0,4W	AB AA	C 0226	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA
D 0719	RH-DX0529BMZZ	S	1N4935	AB AB	C 0229	VCCCTV1HH100D	S	10p 50V Ceramic	AA AA
D 0720	RH-EX0407BMZZ	S	Zener BZX79C4V7	AA AA	C 0234	VCEAGA1HW225M	S	2.2 50V Electrolytic	AB AA
D 0723	RH-DX0045BMZZ	S	1N4148	AA AA	C 0235	VCEAGA1CW108M	S	1000 16V Electrolytic	AE AD
D 0802	RH-DX0045BMZZ	S	1N4148	AA AA	C 0236	VCEAGA1CW227M	S	220 16V Electrolytic	AC AC
D 1006	RH-DX0045BMZZ	S	1N4148	AA AA	C 0242	VCKYTV1HF103Z	S	0.01 50V Ceramic	AA AA
D 1007	RH-DX0045BMZZ	S	1N4148	AA AA	C 0243	VCKYTV1HF103Z	S	0.01 50V Ceramic	AA AA
D 1008	RH-DX0045BMZZ	S	1N4148	AA AA	C 0244	VCKYTV1HF103Z	S	0.01 50V Ceramic	AA AA
D 1009	RH-DX0045BMZZ	S	1N4148	AA AA	C 0245	VCKYTV1HF103Z	S	0.01 50V Ceramic	AA AA
D 1011	RH-PX0104BMZZ	S	LED	AC AB	C 0250	VCKYTV1EF224Z	S	0.22 25V Ceramic	AA AA
D 1012	RH-DX0045BMZZ	S	1N4148	AA AA	C 0252	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA
D 1013	RH-DX0045BMZZ	S	1N4148	AA AA	C 0253	VCKYD41CY103N	S	0.01 16V Ceramic 37DT25S	AA AA
PACKAGED CIRCUITS					C 0253	VCKYTV1HF103Z	S	0.01 50V Ceramic 54DT25S	AA AA
△ PR 0701	RMPTP0028CEZZ	S	P.T.C.	AG AC	C 0301	VCEAGA1HW105M	S	1 50V Electrolytic	AA AB
X 0801	RCRSB0115BMZZ	S	Crystal 4.43 MHz	AG AD	C 0302	VCEAGA1AW476M	S	47 10V Electrolytic	AA AA
X 1001	RCRSB0225BMZZ	S	Crystal 18.0 MHz	AM AG	C 0303	VCKYTV1HF473Z	S	0.047 50V Ceramic	AA AA
COILS					C 0304	VCEAGA1EW107M	S	100 25V Electrolytic 37DT25S	AB AA
L 0201	VP-DF470K0000	S	47μH	AB AB	C 0304	VCEAGA1EW477M	S	470 25V Electrolytic 54DT25S	AD AC
L 0202	VP-DF120K0000	S	12μH	AB AB	C 0305	VCKYTV1HF473Z	S	0.047 50V Ceramic	AA AA
L 0203	RBLN-0037CEZZ	S	Ferrite Bead	AB AB	C 0306	VCEAGA1HW225M	S	2.2 50V Electrolytic	AB AA
L 0205	RCIL10001BMZZ	S	I.F.Coil	AE AC	C 0307	VCKYTV1HB223K	S	0.022 50V Ceramic	AA AA
L 0301	VP-XF3R3K0000	S	3.3μH	AA AA	C 0308	VCEAGA1AW227M	S	220 10V Electrolytic	AB AA
L 0303	VP-DF3R3K0000	S	3.3μH	AB AB	C 0309	VCEAGA2CW105M	S	1 160V Electrolytic	AB AA
L 0304	VP-DF3R3K0000	S	3.3μH	AB AB	C 0351	VCEAGA1CW476M	S	47 16V Electrolytic	AB AB
L 0601	VP-CF4R7K0000	S	4.7μH	AB AA	C 0407	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA
L 0602	RCILZ0707BMZZ	S	Lineality Coil	AH AE	C 0408	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA
L 0604	VP-CF220K0000	S	22μH	AA AA	C 0409	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA
△ L 0701	RCILF0157BMZZ	S	Main Filter 37DT25S	AL AF	C 0410	VCEAGA1CW476M	S	47 16V Electrolytic	AB AB
△ L 0701	RCILF0111BMZZ	S	Main Filter 54DT25S	AL AE	C 0411	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA
L 0702	RCILP0110CEZZ	S	3.3μH	AD AD	C 0412	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA
L 0703	RCILP0110CEZZ	S	3.3μH	AD AD	C 0413	VCCCTV1HH820J	S	82p 50V Ceramic	AA AA
L 0790	RCILP0213BMZZ	S	13.5μH	AF AA	C 0414	VCCCTV1HH820J	S	82p 50V Ceramic	AA AA
L 1002	VP-DF120K0000	S	12μH	AB AB	C 0420	VCEAGA1CW476M	S	47 16V Electrolytic	AB AB
L 1003	VP-XF6R8K0000	S	6.8μH	AB AA	C 0421	VCEAGA1CW476M	S	47 16V Electrolytic	AB AB
L 1004	VP-DF120K0000	S	12μH	AB AB	C 0422	VCEAGA1CW476M	S	47 16V Electrolytic	AB AB
L 1005	VP-DF120K0000	S	12μH	AB AB	C 0501	VCEAGA1EW227M	S	220 25V Electrolytic	AA AA
CERAMIC FILTERS					C 0502	VCEAGA1VW107M	S	100 35V Electrolytic	AC AA
CF 0301	RFILC0020CEZZ	S	Filter 5.5 MHz (T5.5B)	AE AE	C 0503	VCCCTV1HH680J	S	68p 50V Ceramic	AA AA
CF 0302	RFILC0270CEZZ	S	Filter	AE AC	C 0504	VCCCTV1HH680J	S	68p 50V Ceramic	AA AA
SF 0201	RFILC0111BMZZ	S	Filter G1968M	AM AF	C 0505	VCEAGA1HW475M	S	4.7 50V Electrolytic	AC AC
TRANSFORMERS					C 0508	RC-FZ9104BMNJ	J	0.1 63V Mylar	AB AA
△ T 0601	RTRNF2047BMZZ	S	F.B.T. 37DT25S	AY AR	C 0511	VCKYTV1HB222K	S	2200p 50V Ceramic	AA AA
△ T 0601	RTRNF2048BMZZ	S	F.B.T. 54DT25S	BB AU	C 0512	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA
△ T 0700	RTRNZ0535BMZZ	S	Chopper 37DT25S	AR AK	C 0514	VCEAGA1EW227M	S	220 25V Electrolytic	AA AA
△ T 0700	RTRNZ0545BMZZ	S	Chopper 54DT25S	AM AV	C 0515	VCKYPA1HB561K	S	560p 50V Ceramic	AA AA
					C 0517	VCKYTV1HB333K	S	0.033 50V Ceramic	AA AA
					C 0518	VCCSTV1HL680J	S	68P 50V Ceramic	AA AA
					C 0519	VCEAGA1CW107M	S	100 16V Electrolytic	AB AA
					C 0520	VCEAGA1HW105M	S	1 50V Electrolytic	AA AB
					C 0521	VCEAGA1CW106M	S	10 16V Electrolytic	AA AA
					C 0601	RC-FZ0144BMZZ	S	5600p 1.5KV Mylar 37DT25S	AE AE
					C 0601	RC-FZ0147BMZZ	S	8200p 1.5KV Mylar 54DT25S	AE AC

REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP	REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP
C 0602	RC-KZ0035CEZZ	S	220p 2KV Ceramic 37DT25S	AC AA	C 1008	VCCCTV1HH220J	S	22p 50V Ceramic	AA AA
C 0602	RC-KZ0040CEZZ	S	820p 2KV Ceramic 54DT25S	AD AD	C 1009	VCCCTV1HH220J	S	22p 50V Ceramic	AA AA
C 0603	RC-FZ9223BMNJ	J	0.022 63V Mylar 37DT25S	AB AA	C 1011	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA
C 0603	RC-FZ9153BMNJ	J	0.015 63V Mylar 54DT25S	AB AA	C 1012	VCKYTV1HF224Z	S	0.22 50V Ceramic	AA AA
C 0604	VCEAGA1AW227M	S	220 10V Electrolytic	AB AA	C 1013	VCKYTV1HB473K	S	0.047 50V Ceramic	AA AA
C 0605	RC-FZ9104BMNJ	J	0.1 63V Mylar	AB AA	C 1014	VCEAGA1HW225M	S	2.2 50V Electrolytic	AB AA
C 0606	RC-FZ6474BMNJ	J	0.47 250V Mylar	AE AB	C 1015	RC-FZ9104BMNJ	J	0.1 63V Mylar 37DT25S	AB AA
C 0607	VCCCPA1HH390J	S	39p 50V Ceramic 37DT25S	AA AA	C 1015	VCKYTV1HF104Z	S	0.1 50V Ceramic 54DT25S	AA AA
C 0607	VCCCTV1HH390J	S	39p 50V Ceramic 54DT25S	AA AA	C 1016	VCKYTV1HF473Z	S	0.047 50V Ceramic	AA AA
C 0608	VCEAGA2CW105M	S	1 160V Electrolytic	AB AA	C 1017	VCCCTV1HH680J	S	68p 50V Ceramic 37DT25S	AA AA
C 0609	VCKYTV1HF103Z	S	0.01 50V Ceramic	AA AA	C 1017	VCCCTV1HH270J	S	27p 50V Ceramic 54DT25S	AA AA
C 0610	VCKYTV1HF103Z	S	0.01 50V Ceramic	AA AA	C 1018	VCCCTV1HH390J	S	39p 50V Ceramic 37DT25S	AA AA
C 0612	VCEAGA1HW105M	S	1 50V Electrolytic	AA AB	C 1018	VCCCTV1HH270J	S	27p 50V Ceramic 54DT25S	AA AA
C 0613	VCKYTV1HB472K	S	4700p 50V Ceramic	AA AA	C 1019	VCEAGA1CW106M	S	10 16V Electrolytic	AA AA
C 0614	VCKYTV1HF103Z	S	0.01 50V Ceramic	AA AA	C 1020	VCKYTV1HF473Z	S	0.047 50V Ceramic	AA AA
C 0615	VCKYPA2HB221K	S	220p 500V Ceramic	AA AA	C 1021	VCKYTV1HB473K	S	0.047 50V Ceramic	AA AA
C 0617	RC-FZ9104BMNJ	J	0.1 63V Mylar	AB AA	C 1022	VCKYTV1HB333K	S	0.033 50V Ceramic	AA AA
C 0620	RC-FZ9104BMNJ	J	0.1 63V Mylar	AB AA	C 1023	VCKYTV1EF224Z	S	0.22 25V Ceramic	AA AA
C 0622	VCEAGA1AW227M	S	220 10V Electrolytic	AB AA	C 1024	VCCCTV1HH151J	S	150p 50V Ceramic	AA AA
C 0623	VCCSTV1HL471J	S	470p 50V Ceramic	AA AA	C 1026	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA
C 0625	RC-FZ9224BMNJ	J	0.22 63V Mylar	AC AA	C 1027	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA
△ C 0702	RC-FZ0070BMZZ	S	0.1 250V Mylar	AD AD	C 1028	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA
C 0703	RC-KZ0029CEZZ	S	0.01 250V Ceramic	AC AC	C 1030	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA
C 0704	RC-KZ0029CEZZ	S	0.01 250V Ceramic	AC AC	C 1031	VCKYTV1EF224Z	S	0.22 25V Ceramic	AA AA
C 0705	RC-KZ0029CEZZ	S	0.01 250V Ceramic	AC AC	C 1033	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA
C 0706	RC-EZ0115BMZZ	S	68 400V Electrolytic 37DT25S	AM AF	RESISTORS				
C 0706	RC-EZ0100BMZZ	S	100 400V Electrolytic 54DT25S	AM AF	R 0201	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA
C 0707	RC-FZ9153BMNJ	J	0.015 63V Mylar	AB AA	R 0202	VRS-TV1JD271J	S	270 1/10W Metal Oxide	AA AA
C 0708	RC-FZ9683BMNJ	J	0.068 63V Mylar	AB AA	R 0203	VRS-TV1JD561J	S	560 1/10W Metal Oxide	AA AA
C 0709	RC-FZ9332BMNJ	J	3300p 63V Mylar	AA AA	R 0204	VRS-TV1JD475J	S	4.7M 1/10W Metal Oxide	AA AA
C 0710	VCKYPA1HB102K	S	1000p 50V Ceramic	AA AA	R 0205	VRS-TV1JD682J	S	6.8K 1/10W Metal Oxide	AA AA
C 0711	VCEAGH2CW107M	S	100 160V Electrolytic	AF AC	R 0208	VRD-RA2BE473J	S	47K 1/8W Carbon 37DT25S	AA AA
C 0712	VCEAGA1CW227M	S	220 16V Electrolytic	AC AC	R 0208	VRS-TV1JD473J	S	47K 1/10W Metal Oxide 54DT25S	AA AA
C 0713	VCEAGA1CW108M	S	1000 16V Electrolytic	AE AD	R 0209	VRS-TV1JD473J	S	47K 1/10W Metal Oxide	AA AA
C 0714	VCEAGA1AW477M	S	470 10V Electrolytic	AB AA	R 0210	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
C 0715	RC-FZ9224BMNJ	J	0.22 63V Mylar	AC AA	R 0211	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
C 0716	VCEAGA1CW107M	S	100 16V Electrolytic	AB AA	R 0225	VRS-TV1JD181J	S	180 1/10W Metal Oxide	AA AA
C 0717	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	R 0228	VRS-TV1JD332J	S	3.3K 1/10W Metal Oxide	AA AA
C 0718	RC-KZ0035CEZZ	S	220p 2KV Ceramic	AC AA	R 0231	VRS-TV1JD183J	S	18K 1/10W Metal Oxide	AA AA
C 0719	VCEAGA1VW227M	S	220 35V Electrolytic 37DT25S	AB AA	R 0232	VRS-TV1JD223J	S	22K 1/10W Metal Oxide	AA AA
C 0719	VCEAGA1VW477M	S	470 35V Electrolytic 54DT25S	AD AA	R 0233	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA
△ C 0721	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	R 0234	VRS-TV1JD223J	S	22K 1/10W Metal Oxide	AA AA
△ C 0722	RC-KZ0106GEZZ	S	3300p 4KV Ceramic	AC AB	R 0235	VRS-TV1JD563J	S	56K 1/10W Metal Oxide	AA AA
C 0723	RC-FZ9224BMNJ	J	0.22 63V Mylar	AC AA	R 0236	VRD-RA2HD122J	S	1.2K 1/2W Carbon	AA AA
C 0724	VCEAGA1CW106M	S	10 16V Electrolytic	AA AA	R 0238	VRS-TV1JD152J	S	1.5K 1/10W Metal Oxide	AA AA
C 0725	RC-KZ0035CEZZ	S	220p 2KV Ceramic	AC AA	R 0239	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA
C 0726	VCKYPA1HB471K	S	470p 50V Ceramic	AA AA	△ R 0240	RR-XZ0100BMZZ	S	1 1/3W Fuse Resistor	AB AA
C 0727	VCEAGH2CW107M	S	100 160V Electrolytic	AF AC	R 0248	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA
C 0728	RC-KZ0029CEZZ	S	0.01 250V Ceramic	AC AC	R 0250	VRD-RA2BE820J	S	82 1/8W Carbon	AA AA
C 0801	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	R 0253	VRS-TV1JD470J	S	47 1/10W Metal Oxide	AA AA
C 0802	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	R 0254	VRS-TV1JD272J	S	2.7K 1/10W Metal Oxide	AA AA
C 0803	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	R 0256	VRS-TV1JD272J	S	2.7K 1/10W Metal Oxide	AA AA
C 0804	VCEAGA1HW336M	S	33 50V Electrolytic	AB AA	R 0257	VRS-TV1JD272J	S	2.7K 1/10W Metal Oxide	AA AA
C 0805	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	R 0260	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA
C 0806	VCEAGA1CW107M	S	100 16V Electrolytic	AB AA	R 0301	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA
C 0807	VCKYTV1HB223K	S	0.022 50V Ceramic	AA AA	R 0302	VRS-TV1JD333J	S	33K 1/10W Metal Oxide	AA AA
C 0809	VCKYTV1HB472K	S	4700p 50V Ceramic	AA AA	R 0303	VRS-TV1JD104J	S	100K 1/10W Metal Oxide	AA AA
C 0810	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	△ R 0304	VRS-TV1JD103J	S	10K 1/10W Metal Oxide	AA AA
C 0815	VCEAGA1HW225M	S	2.2 50V Electrolytic	AB AA	R 0305	RR-XZ0204BMZZ	S	2.2 1/2W Fuse Resistor	AB AA
C 0816	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA	R 0306	VRS-TV1JD561J	S	560 1/10W Metal Oxide	AA AA
C 0817	VCKYTV1HB102K	S	1000p 50V Ceramic	AA AA	R 0307	VRS-TV1JD104J	S	100K 1/10W Metal Oxide	AA AA
C 0820	VCCCTV1HH180J	S	18p 50V Ceramic	AA AA	R 0308	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
C 0825	VCKYTV1HF104Z	S	0.1 50V Ceramic	AA AA	R 0309	VRS-TV1JD103J	S	10K 1/10W Metal Oxide	AA AA
C 0826	VCEAGA1HW475M	S	4.7 50V Electrolytic	AC AC	R 0310	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA
C 0827	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA	R 0311	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA
C 0828	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA	R 0312	VRD-RA2HD472J	S	4.7K 1/2W Carbon	AA AA
C 0829	VCCCTV1HH101J	S	100p 50V Ceramic	AA AA	R 0313	VRD-RA2HD472J	S	4.7K 1/2W Carbon	AA AA
C 0901	VCKYTV1HF224Z	S	0.22 50V Ceramic	AA AA	R 0314	VRD-RA2HD472J	S	4.7K 1/2W Carbon	AA AA
C 0906	VCKYTV1EF224Z	S	0.22 25V Ceramic	AA AA	R 0315	VRS-TV1JD821J	S	820 1/10W Metal Oxide	AA AA
C 1002	VCEAGA1HW475M	S	4.7 0V Electrolytic	AC AC					
C 1004	VCEAGA1AW476M	S	47 10V Electrolytic	AA AA					

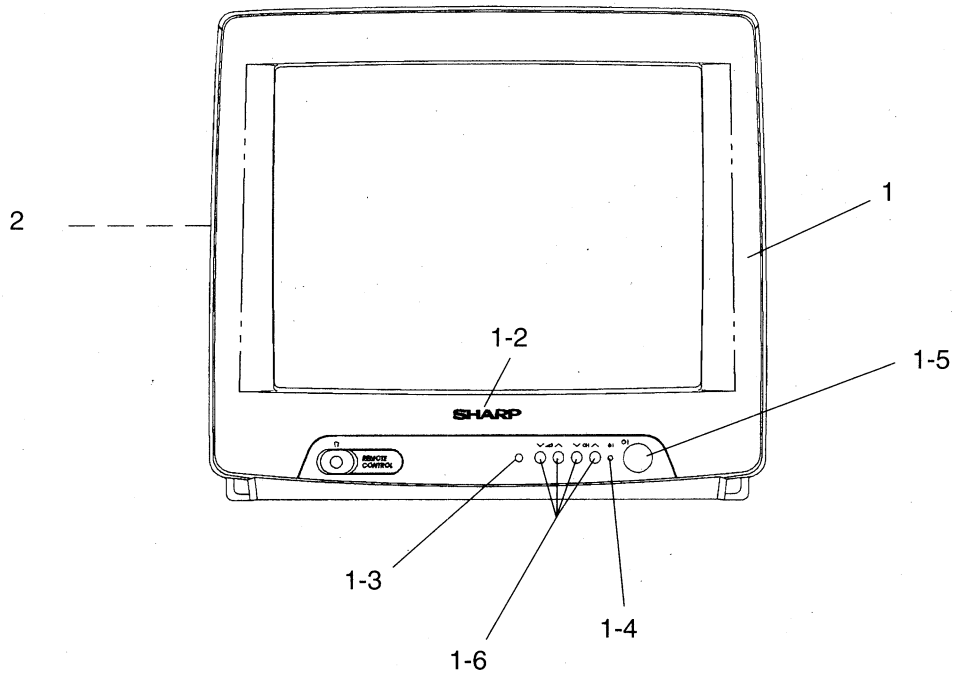
REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP	REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP
R 0316	VRD-RA2BE103J	S	10K 1/8W Carbon	AA AA	R 0607	VRD-RA2BE472J	S	4.7K 1/8W Carbon	AA AA
R 0317	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA	R 0608	VRD-RA2BE222J	S	2.2K 1/8W Carbon	AA AA
R 0318	VRS-TV1JD153J	S	15K 1/10W Metal Oxide	AA AA	R 0609	VRN-VV3AB1R2J	S	1.2 1W Metal Film 37DT25S	AA AA
R 0362	VRS-TV1JD222J	S	2.2K 1/10W Metal Oxide	AA AA	R 0609	VRN-VV3AB3R3J	S	3.3 1W Metal Film 54DT25S	AA AA
R 0363	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA	R 0610	VRD-RA2HD222J	S	2.2K 1/2W Carbon	AA AA
R 0364	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA	△ R 0611	RR-XZ0242BMZZ	S	3.3K 1/2W Fuse Resistor	AB AA
R 0365	VRD-RA2BE221J	S	220 1/8W Carbon	AA AA	R 0612	VRS-TV1JD153J	S	15K 1/10W Metal Oxide	AA AA
R 0366	VRD-RA2BE221J	S	220 1/8W Carbon	AA AA	R 0613	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
R 0404	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA	R 0615	VRS-TV1JD153J	S	15K 1/10W Metal Oxide	AA AA
R 0407	VRD-RA2HD680J	S	68 1/2W Carbon	AA AA	R 0616	VRD-RA2HD270J	S	27 1/2W Carbon	AA AA
R 0408	VRD-RA2BE221J	S	220 1/8W Carbon	AA AA	R 0617	VRS-VV3DB470J	S	47 2W Metal Oxide	AA AA
R 0410	VRD-RA2BE820J	S	82 1/8W Carbon	AA AA	R 0618	VRD-RA2HD102J	S	1K 1/2W Carbon	AA AA
R 0412	VRS-TV1JD222J	S	2.2K 1/10W Metal Oxide	AA AA	R 0619	VRD-RA2HD270J	S	27 1/2W Carbon	AA AA
R 0414	VRD-RA2BE820J	S	82 1/8W Carbon	AA AA	R 0620	VRD-RA2HD102J	S	1K 1/2W Carbon	AA AA
R 0415	VRS-TV1JD222J	S	2.2K 1/10W Metal Oxide	AA AA	R 0621	VRS-TV1JD103J	S	10K 1/10W Metal Oxide	AA AA
R 0416	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA	R 0622	VRS-TV1JD153J	S	15K 1/10W Metal Oxide	AA AA
R 0417	VRD-RA2BE820J	S	82 1/8W Carbon	AA AA	R 0623	VRS-TV1JD224J	S	220K 1/10W Metal Oxide	AA AA
R 0418	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA	R 0624	VRS-TV1JD474J	S	470K 1/10W Metal Oxide 54DT25S	AA AA
R 0419	VRS-TV1JD222J	S	2.2K 1/10W Metal Oxide	AA AA	R 0624	VRS-TV1JD274J	S	270K 1/10W Metal Oxide 37DT25S	AA AA
R 0420	VRD-RA2BE820J	S	82 1/8W Carbon	AA AA	R 0632	VRD-RA2HD471J	S	470 1/2W Carbon	AA AA
R 0421	VRS-TV1JD470J	S	47 1/10W Metal Oxide	AA AA	R 0633	VRS-TV1JD153J	S	15K 1/10W Metal Oxide	AA AA
R 0422	VRS-TV1JD104J	S	100K 1/10W Metal Oxide	AA AA	R 0702	VRD-RA2HD224J	S	220K 1/2W Carbon	AA AA
R 0423	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA	R 0703	VRW-KP3HC5R6K	S	5.6 5W Cement	AC AB
R 0424	VRS-TV1JD103J	S	10K 1/10W Metal Oxide	AA AA	R 0704	VRD-RA2HD564J	S	560K 1/2W Carbon	AC AB
R 0425	VRS-TV1JD104J	S	100K 1/10W Metal Oxide	AA AA	R 0705	VRD-RA2HD564J	S	560K 1/2W Carbon	AC AB
R 0426	VRS-TV1JD682J	S	6.8K 1/10W Metal Oxide	AA AA	R 0706	VRN-VV3ABR47J	S	0.4 1W Metal Film 37DT25S	AA AA
R 0427	VRS-TV1JD682J	S	6.8K 1/10W Metal Oxide	AA AA	R 0706	VRN-VV3ABR27J	J	0.27 1W Metal Film 54DT25S	AA AA
R 0428	VRS-TV1JD104J	S	100K 1/10W Metal Oxide	AA AA	R 0707	VRD-RA2BE221J	S	220 1/8W Carbon	AA AA
R 0434	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA	R 0708	VRD-RA2HD102J	S	1K 1/2W Carbon	AA AA
R 0435	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA	R 0709	VRD-RA2BE330J	S	33 1/8W Carbon	AA AA
R 0436	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA	R 0710	VRD-RA2HD561J	S	560 1/2W Carbon	AA AA
R 0437	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA	R 0711	VRD-RA2BE561J	S	560 1/8W Carbon	AA AA
R 0500	VRS-TV1JD473J	S	4.7K 1/10W Metal Oxide	AA AA	R 0712	VRD-RA2EE561J	S	560 1/4W Carbon	AA AA
R 0501	VRD-RA2HD102J	S	1K 1/2W Carbon	AA AA	R 0713	VRS-TV1JD220J	S	22 1/10W Metal Oxide	AA AA
R 0502	VRD-RA2HD182J	S	1.8K 1/2W Carbon	AA AA	R 0714	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
R 0503	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA	R 0715	VRS-TV1JD681J	S	680 1/10W Metal Oxide	AA AA
△ R 0504	RR-XZ0104BMZZ	S	2.2 1/3W Fuse Resistor 54DT25S	AB AA	R 0716	VRS-TV1JD103J	S	10K 1/10W Metal Oxide 54DT25S	AA AA
△ R 0504	RR-XZ0109BMZZ	S	5.6 1/3W Fuse Resistor 37DT25S	AB AA	R 0716	VRS-TV1JD273J	S	27K 1/10W Metal Oxide 37DT25S	AA AA
R 0505	VRS-TV1JD182J	S	1.8K 1/10W Metal Oxide	AA AA	R 0717	VRS-TV1JD4R7J	S	4.7 1/10W Metal Oxide	AA AA
R 0506	RR-XZ0100BMZZ	S	1 1/3W Fuse Resistor	AB AA	R 0718	VRS-TV1JD333J	S	33K 1/10W Metal Oxide	AA AA
R 0507	VRD-RA2HD561J	S	560 1/2W Carbon	AA AA	R 0720	VRD-RA2BE223J	S	22K 1/8W Carbon	AA AA
R 0508	VRS-TV1JD330J	S	33 1/10W Metal Oxide	AA AA	△ R 0721	VRC-UA2HG825K	S	8.2M 1/2W Solid	AA AA
R 0510	VRS-TV1JD153J	S	15K 1/10W Metal Oxide	AA AA	△ R 0722	VRC-UA2HG825K	S	8.2M 1/2W Solid	AA AA
R 0511	VRS-TV1JD103J	S	10K 1/10W Metal Oxide	AA AA	R 0724	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA
△ R 0512	RR-XZ0109BMZZ	S	5.6 1/3W Fuse Resistor	AB AA	R 0725	VRS-TV1JD222J	S	2.2K 1/10W Metal Oxide	AA AA
R 0513	VRS-TV1JD182J	S	1.8K 1/10W Metal Oxide	AA AA	R 0729	VRD-RA2EE472J	S	4.7K 1/4W Carbon	AA AA
R 0514	VRD-RA2BE103J	S	10K 1/8W Carbon	AA AA	R 0801	VRS-TV1JD104J	S	100K 1/10W Metal Oxide	AA AA
R 0515	VRS-TV1JD821J	S	820 1/10W Metal Oxide	AA AA	R 0802	VRS-TV1JD221J	S	220 1/10W Metal Oxide	AA AA
R 0516	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA	R 0803	VRS-TV1JD4R7J	S	4.7 1/10W Metal Oxide	AA AA
R 0518	VRD-RA2HD1R8J	S	1.8 1/2W Carbon 37DT25S	AA AA	R 0804	VRS-TV1JD393J	S	39K 1/10W Metal Oxide	AA AA
R 0518	VRD-RA2HD1R5J	S	1.5 1/2W Carbon 54DT25S	AA AA	R 0805	VRS-TV1JD395J	S	3.9M 1/10W Metal Oxide	AA AA
R 0519	VRS-TV1JD103J	S	10K 1/10W Metal Oxide	AA AA	R 0806	VRS-TV1JD2R2J	S	2.2 1/10W Metal Oxide	AA AA
R 0520	VRS-TV1JD222J	S	2.2K 1/10W Metal Oxide	AA AA	R 0807	VRS-TV1JD221J	S	220 1/10W Metal Oxide	AA AA
R 0521	VRD-RA2BE564J	S	560K 1/8W Carbon	AA AA	R 0809	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
R 0522	VRS-TV1JD332J	S	3.3K 1/10W Metal Oxide	AA AA	R 0810	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
R 0523	VRD-RA2BE473J	S	47K 1/8W Carbon	AA AA	R 0814	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
R 0525	VRD-RA2BE102J	S	1K 1/8W Carbon	AA AA	R 0815	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
R 0528	VRS-TV1JD184J	S	180K 1/10W Metal Oxide	AA AA	R 0816	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA
R 0529	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA	R 0825	VRS-TV1JD682J	S	6.8K 1/10W Metal Oxide	AA AA
R 0530	VRS-TV1JD332J	S	3.3K 1/10W Metal Oxide	AA AA	R 0834	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA
R 0531	VRS-TV1JD101J	S	100 1/10W Metal Oxide	AA AA	R 0836	VRD-RA2BE681J	S	680 1/8W Carbon	AA AA
R 0532	VRD-RA2BE102J	S	1K 1/8W Carbon 37DT25S	AA AA	R 0837	VRS-TV1JD000J	S	0 1/10W Metal Oxide	AA AA
R 0532	VRS-TV1JD102J	S	1K 1/10W Metal Oxide 54DT25S	AA AA	R 0838	VRS-TV1JD821J	S	820 1/10W Metal Oxide	AA AA
R 0601	VRD-RA2BE123J	S	12K 1/8W Carbon	AA AA	R 0901	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA
△ R 0603	RR-XZ0200BMZZ	S	1 1/2W Fuse Resistor	AB AA	R 0902	VRD-RA2BE221J	S	220 1/8W Carbon	AA AA
R 0604	VRD-RA2EE6R8J	S	6.8 1/4W Carbon 37DT25S	AA AA	R 0903	VRD-RA2BE470J	S	470 1/8W Carbon	AA AA
R 0604	VRD-RA2HD1R0J	S	1 1/2W Carbon 54DT25S	AA AA	R 0904	VRD-RA2BE221J	S	220 1/8W Carbon 37DT25S	AA AA
R 0605	VRD-RA2EE5R6J	S	5.6 1/4W Carbon 37DT25S	AA AA	R 0904	VRS-TV1JD221J	S	220 1/10W Metal Oxide 54DT25S	AA AA
R 0605	VRD-RA2HD1R0J	S	1 1/2W Carbon 54DT25S	AA AA	R 1001	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA
R 0606	VRD-RA2HD2R2J	S	2.2 *1/2W Carbon	AA AA	R 1002	VRS-TV1JD472J	S	4.7K 1/10W Metal Oxide	AA AA
					R 1003	VRS-TV1JD103J	S	10K 1/10W Metal Oxide	AA AA



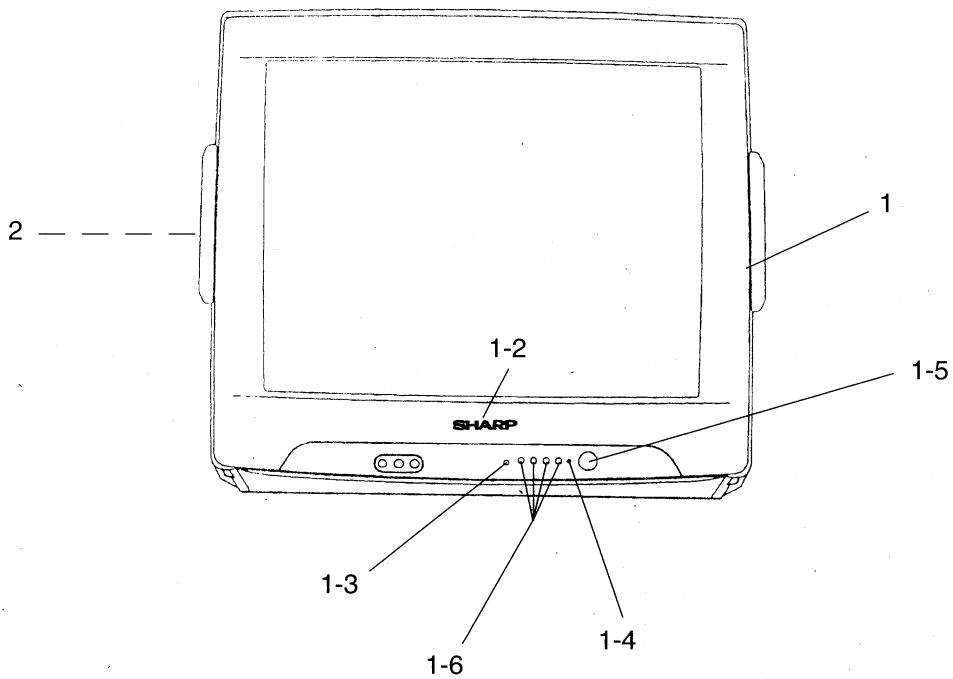


REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP	REF. NO.	PARTS NO.	★	DESCRIPTION	EX SP					
FB 1002	RBLN-0037CEZZ	S	Ferrite Bead	AB AB	<b>MISCELLANEOUS PARTS</b>									
P 0601	QPLGN0505CEZZ	S	Connector	AB AB										
P 0701	QPLGN0304CEZZ	S	Connector	AB AB										
P 0702	QPLGN0207CEZZ	S	Connector	AA AA										
P 0851	QPLGN0461CEZZ	S	Connector	AA AA										
	QPLGN0241CEZZ	S	Connector	AA AA	△	QACCZ2100BMSA	S	AC Cord	AR AH					
<b>SOCKET UNIT</b>						RRMCG1060BMSA	S	Remote Control Unit	AU AM					
<b>TRANSISTORS</b>						TINS-6478BMN0	S	Operation Instructions	AN AG					
Q 0870	RH-TX0181BMZZ	S	BF422	AB AA		QANTR0081CEZZ	S	Antenna 37DT25S	AP AP					
Q 0871	RH-TX0181BMZZ	S	BF422	AB AA		VSP0080PBL6YS	S	Speaker 2W 32ohms 37DT25S	AK AE					
Q 0872	RH-TX0181BMZZ	S	BF422	AB AA		VSP0010PBQ4WA	S	Speaker 54DT25S	AR AK					
Q 0883	RH-TX0180BMZZ	S	BF421	AB AA	<b>CABINET PARTS</b>									
Q 0885	RH-TX0180BMZZ	S	BF421	AB AA										
Q 0887	RH-TX0180BMZZ	S	BF421	AB AA										
<b>DIODES</b>										1	CCABA1190BMV0	S	Front Cabinet 37DT25S	AX AQ
D 0811	RH-DX0045BMZZ	S	1N4148	AA AA						1	CCABA1189BMV0	S	Front Cabinet 54DT25S	
D 0812	RH-DX0045BMZZ	S	1N4148	AA AA	1 - 2	HBDGB1017BMSA	S	Badge SHARP 37DT25S	AC AB					
D 0880	RH-DX0045BMZZ	S	1N4148	AA AA	1 - 2	HBDGB3509BMSA	S	Badge SHARP 54DT25S	AC AB					
D 0881	RH-DX0045BMZZ	S	1N4148	AA AA	1 - 3	HDECQ0021BMSA	S	Window R/C 37DT25S	AB AA					
D 0882	RH-DX0045BMZZ	S	1N4148	AA AA	1 - 3	HDECQ0023BMSA	S	Window R/C 54DT25S	AB AA					
<b>COILS</b>					1 - 4	HDECQ0022BMSA	S	Window Power 37DT25S	AB AA					
L 0881	VP-CF120K0000	S	12μH	AC AB	1 - 4	HDECQ0024BMSA	S	Window Power 54DT25S	AB AA					
<b>CAPACITORS</b>					1 - 5	JBTN-1038BMSA	S	Button Power 37DT25S	AB AA					
C 0871	VCCSTV1HL471J	S	470p 50V Ceramic	AA AA	1 - 5	JBTN-1040BMSA	S	Button Power 54DT25S	AB AA					
C 0872	VCCSTV1HL471J	S	470p 50V Ceramic	AA AA	1 - 6	JBTN-1039BMSA	S	Button Up/Down 37DT25S	AC AB					
C 0873	VCCSTV1HL471J	S	470p 50V Ceramic	AA AA	1 - 6	JBTN-1041BMSA	S	Button Up/Down 54DT25S	AD AB					
C 0874	VCKYPA2HB102K	S	1000p 500V Ceramic	AA AA	2	GCABB1067BMKA	S	Rear Cabinet 37DT25S	AU AM					
C 0876	RC-KZ0023CEZZ	S	4700p 2KV Ceramic	AD AD	2	GCABB1069BMKA	S	Rear Cabinet 54DT25S	BA AT					
C 0878	VCEAGA2DW106M	S	10 200V Electrolytic	AD AB										
C 0880	VCCSTV1HL471J	S	470p 50V Ceramic	AA AA										
C 0881	VCCSTV1HL471J	S	470p 50V Ceramic	AA AA										
C 0882	VCCSTV1HL471J	S	470p 50V Ceramic	AA AA										
<b>RESISTORS</b>														
R 0879	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
R 0880	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
R 0881	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
R 0882	VRS-VV3DB153J	S	15K 2W Metal Oxide	AA AA										
R 0883	VRC-MA2HG272K	S	2.7K 1/2W Solid	AA AA										
R 0884	VRS-VV3DB153J	S	15K 2W Metal Oxide	AA AA										
R 0885	VRC-MA2HG272K	S	2.7K 1/2W Solid	AA AA										
R 0886	VRS-VV3DB153J	S	15K 2W Metal Oxide	AA AA										
R 0887	VRC-MA2HG272K	S	2.7K 1/2W Solid	AA AA										
R 0888	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
R 0892	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA										
R 0893	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA										
R 0894	VRS-TV1JD102J	S	1K 1/10W Metal Oxide	AA AA										
R 0895	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
R 0896	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
R 0898	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
R 0899	VRS-TV1JD471J	S	470 1/10W Metal Oxide	AA AA										
RJ 0081	VRS-TV1JD000J	S	0 1/10W Metal Oxide	AA AA										
<b>MISCELLANEOUS PARTS</b>														
△ SC 0881	QSOCV0842CEZZ	S	C.R.T. Socket 37DT25S	AG AD										
△ SC 0881	QSOCV0103BMZZ	S	C.R.T. Socket 54DT25S	AG AD										

37DT-25S



54DT-25S



# SHARP



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