



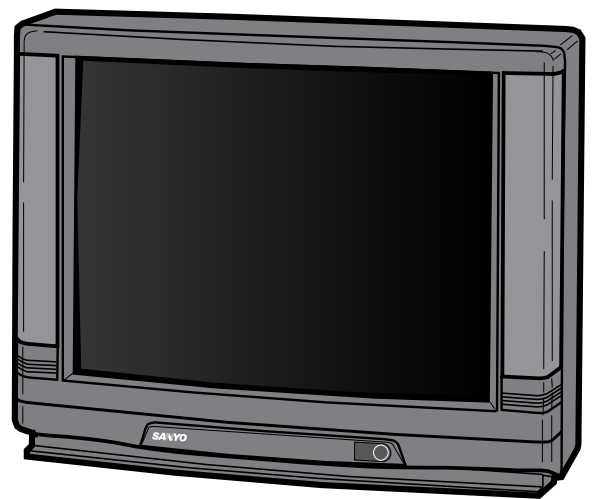
# Colour Television Service Manual

# CE28P3-C

## Model CE28P3-C

### Service Ref. No. CE28P3-C-00

PRODUCT CODE: 111339806  
ORIGINAL VERSION: Chassis No. EB4-A



#### Note

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

Give complete "SERVICE REF. NO." for parts order or servicing, it is shown on the rating sheet on the cabinet back of the TV set.

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## SAFETY PRECAUTION

- |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1: An isolation transformer should be connected in the power line between the receiver and the AC line when a service is performed on the primary of the converter transformer of the set. | 3: When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as, control knobs, adjustment covers or shields, barriers, isolation resistor-capacitor networks etc. Before returning any television to the customer, the service technician must be sure that it is completely safe to operate without danger of electrical shock. |
| 2: Comply with all caution and safety-related notes provided on the cabinet back, inside the cabinet, on the chassis or the picture tube.                                                  |                                                                                                                                                                                                                                                                                                                                                                                                 |

## X-RADIATION PRECAUTION

The primary source of X-RADIATION in the television receiver is the picture tube. The picture tube is specially constructed to limit X-RADIATION emissions. 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, high voltage adjustment for specific high voltage limit. If high voltage exceeds specified limits, take necessary corrective action. Carefully follow the instructions for +B1 volt power supply adjustment, and high voltage adjustment to maintain the high voltage within the specified limits.

## PRODUCT SAFETY NOTICE

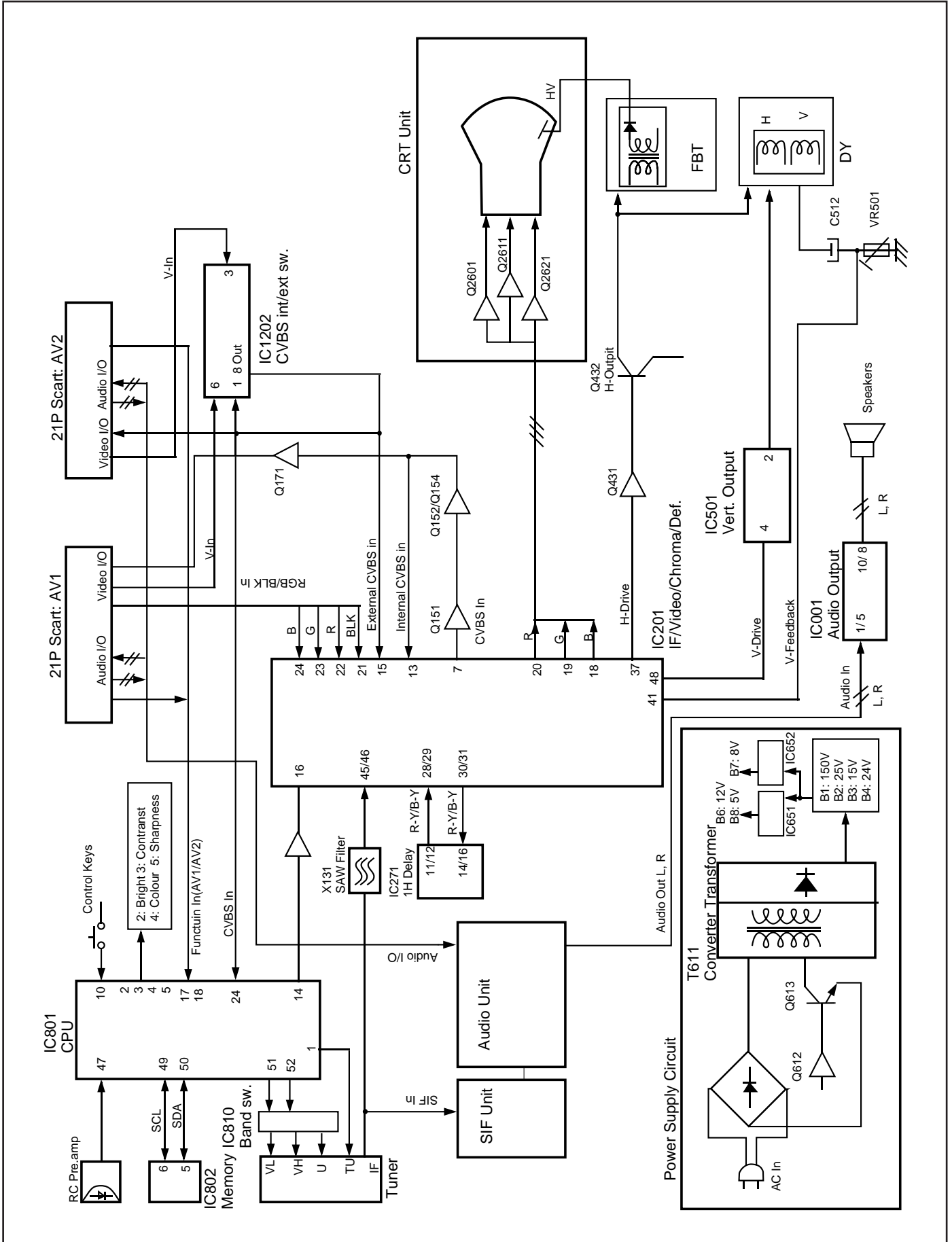
Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by mark  $\triangle$  in the parts list and the schematic diagram designate components in which safety can be of special significance. It is particularly recommended that only parts designated on the parts list in this manual be used for component replacement designated by mark  $\triangle$ . No deviations from resistance wattage or voltage ratings may be made for replacement items designated by mark  $\triangle$ .

## SPECIFICATIONS

Power source	AC 220~240V 50Hz
Television system	System B/G
Colour system	PAL / NTSC4.43
Receiving channel	VHF: E2-E12 CATV: X, Y, Z, S1-S41 UHF: #21~#69
Aerial input impedance	75ohm
AV terminal	
21 Pin socket	CENELEC standard
Sound output(Music)	12 watts X2
Dimensions (WxHxD)	736 x 597 x 494mm
Weight	32 Kg

# BLOCK DIAGRAM

This is a diagram for all models and therefore differs slightly from the actual block diagram.



# CIRCUIT DESCRIPTION

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## 1. POWER SUPPLY

The power supply circuit of the EB4-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 C607. This voltage is input to the oscillation circuit. The oscillation circuit is provided with a blocking oscillator circuit that switches the switching transistor Q613 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 (TDA8361)

The IF output signal from the tuner passes through the SAW filter, and it is input to pin45 and pin46 of IC201. 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 Q151, supplies to the video and chroma amplifier stages.

The sync.-separation circuit separates the video signals applied to pin13(internal video signal) or pin15(external video signal) 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. VR361 is for adjustment of the horizontal centring. 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 C351, R352 and pin42, and vertical drive pulse is output from pin43. VR501 is for changing the amount of AC feedback applied to pin41 and for adjustment of the vertical amplitude.

## 3. VIDEO CHROMA & R.G.B. (TDA8361)

The composite video signal output from the pin7 of IC101 passes through Q151-Q154, and it is supplied to pin13. The external video signal output from SCART is supplied to pin15. The video signal input to pin13 or pin15 is separated to luminance (Y) signal and chroma signal in IC201. 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 and B-Y chroma signals, demodulated in IC201, and output from pin30 (R-Y) and pin31 (B-Y). These chroma signals pass through the 1H delay line circuit (IC271), 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, 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 (R)].

## 4. AUDIO OUTPUT(TDA7263M)

The audio signals output from the audio unit are input to pin1(L) and 5(R) 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) OTL type and output to pin8(R) and 10(L) to directly drive the speakers.

## 5. VERTICAL OUTPUT (LA7832/LA7832)

An IC (LA7832/LA7833) is used for the vertical output circuit in this chassis. The vertical drive pulse from pin43 of IC201 is input to pin4 of IC501. This pulse drives IC501, 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) → D501 → pin3 → pin2 → DY → C512 → VR501/R509. An electric charge is then stored in C512. In the last half of scanning the current path is C512 → DY → pin2 → pin1 → VR501/R509 → C512. In this way, an amplifying sawtooth waveform current flows directly to DY to perform electron beam deflection. Next, in the first half of the banking 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 → VR501/R509 → C512 → DY. Also, when the charge of DY has dissipated, the current path becomes Vcc24V → pin6 → pin7 → C502 → pin3 → pin2 → DY → C512 → VR501/R509, 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 IC201 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 → DY → Q432 → GND, 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 C421/C423 and charges them. The current stored in C421/C423 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.

In the PCC circuit consisting of Q461 and Q462, the parabola signal supplied from the vertical circuit is added at the horizontal output stage and pincushion compensation is performed by varying the DC voltage bias. Further, the ABL voltage is feedback to the base of Q462 to compensate for width variations due to variations in the beam current.

**Pin25:** Black

**Pin26:** IREF

**Pin27:** Odd/Even output

**Pin28:** GND

**Pin29:** -

**Pin30:** V-deflection stop output

**Pin31:** RGB REF

**Pin32:** Blue output for OSD

**Pin33:** Green output for OSD

**Pin34:** Red output for OSD

**Pin35:** Blanking output for OSD

**Pin36:** H-sync. input (Horizontal pulse for OSD)

**Pin37:** V-sync. input (Vertical pulse for OSD)

**Pin38~39:** Supply (+5V)

**Pin40:** OSC GND

**Pin41:** Oscillator input for CPU

**Pin42:** Oscillator output for CPU

**Pin43:** Reset input

**Pin44:** Supply (+5V)

**Pin45:** Protect signal input (L:Power circuit defects)

**Pin46:** Ident. signal input

**Pin47:** R/C signal input

**Pin48:** Mute output in no picture

**Pin49:** I<sup>2</sup>C bus SCL (Serial clock)

**Pin50:** I<sup>2</sup>C bus SDA (Serial date)

**Pin51:** Option SW5 & Band select output1

**Pin52:** Band select output2

## 7. CPU <System and Teletext Control>

### Pin description

**Pin1:** Tuning voltage output

**Pin2:** Brightness control output (6-bit DAC)

**Pin3:** Contrast control output (6-bit DAC)

**Pin4:** Colour control output (6-bit DAC)

**Pin5:** Sharpness control output(6-bit DAC)

**Pin6:** Not used (GND)

**Pin7:** Not used (GND)

**Pin8:** Power ON/OFF output (H:ON)

**Pin9:** AFT signal input

**Pin10:** Option SW1 & Keyboard scan input (DC)

**Pin11:** Option SW2

**Pin12:** 50/60Hz switch input (50Hz: Hi)

**Pin13:** GND

**Pin14:** TV/AV switch output (TV: Hi)

**Pin15:** S-VHS switch output (S-VHS: Hi)

**Pin16:** Option SW3 (2AV: Hi)

**Pin17:** Function signal input for SCART1

**Pin18:** Function signal input for SCART2

**Pin19:** Power LED drive output1

**Pin20:** Option SW4 & Power LED drive output2

**Pin21:** Ignore output

**Pin22:** GND

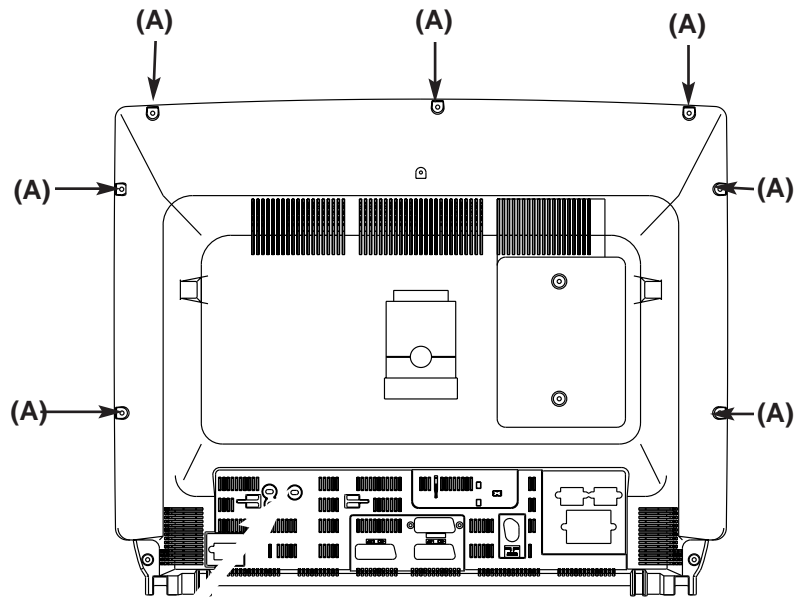
**Pin23:** CVBS input0 (Internal)

**Pin24:** CVBS input1 (Internal/External)

# CABINET DISASSEMBLY

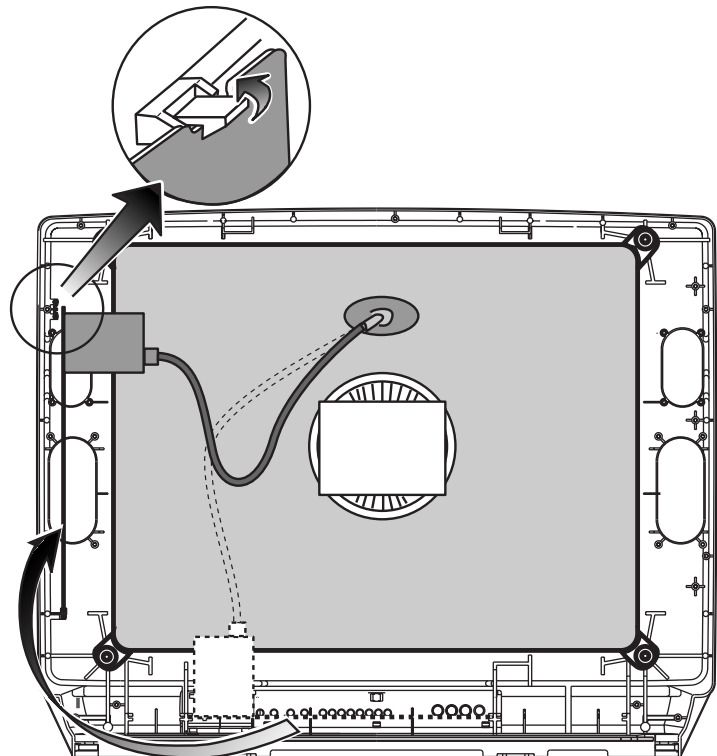
## CABINET BACK DISASSEMBLY

1. Remove 7 screws(A).
2. Pull out the cabinet back.

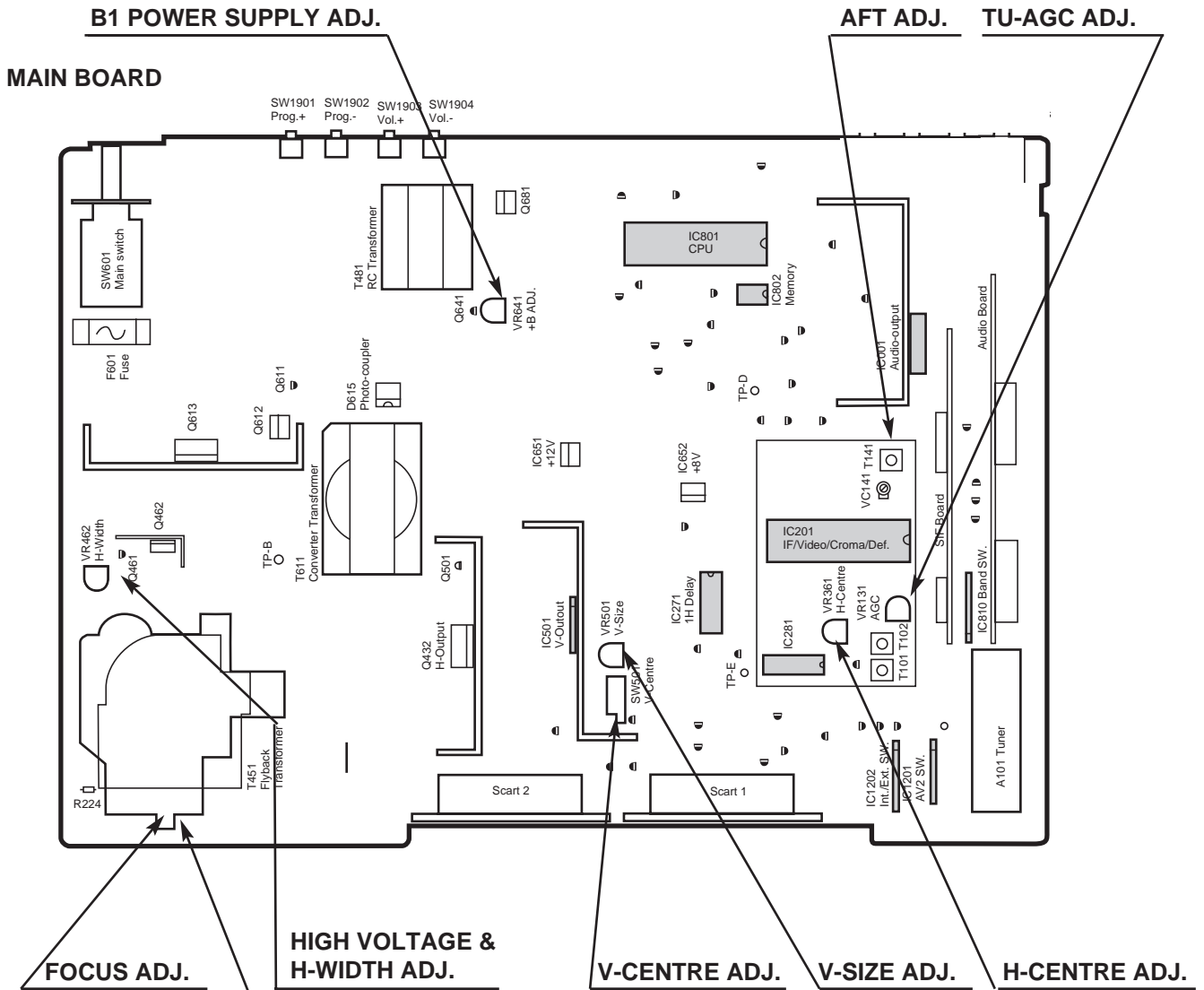


## PLACING THE CHASSIS TO SERVICE POSITION

1. Pullout the chassis and put it to the rails on the side cabinet.
2. Fix main board with hook on the top rail.



# SERVICE CONTROL ADJUSTMENT



**FOCUS ADJ.**

**HIGH VOLTAGE & H-WIDTH ADJ.**

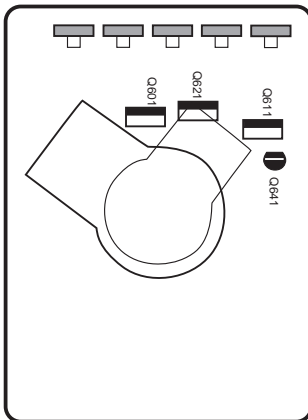
**V-CENTRE ADJ.**

**V-SIZE ADJ.**

**H-CENTRE ADJ.**

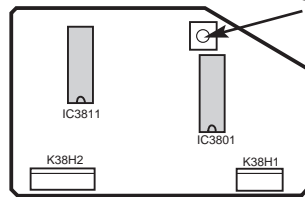
**GREY SCALE ADJ.**

**CRT BOARD**



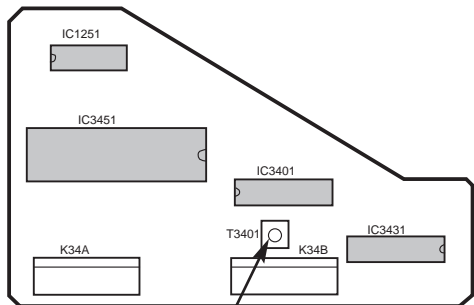
**SIF BOARD**

**SIF ADJ.**



**AUDIO BOARD**

**PILOT ADJ.**



## **B1 POWER SUPPLY ADJUSTMENT**

1. Set VR641 to be mechanically centre before pressing the mains ON/OFF switch.
2. Tune the receiver to a PAL circular pattern.
3. Set the brightness and contrast controls to normal.
4. Connect a digital V-meter to test point "TP-B".
5. Using VR641, adjust the voltage to  $150 \pm 0.5V$ .

## **AFT ADJUSTMENT**

1. Tune the receiver to the clearest station.
2. Using T141, adjust the AFT to obtain the best picture.

## **AGC ADJUSTMENT**

**NOTE: Do not attempt this adjustment with a weak signal.**

1. Tune the receiver to the clearest station.
2. Set AGC VR(VR131) in direction which causes snow noise just to appear, then in the opposite direction until the snow noise just disappears.

## **GREY SCALE ADJUSTMENT**

### **[SCREEN VR ADJUSTMENT]**

1. Tune the receiver to the white pattern.
2. Set the brightness and contrast controls to normal.
3. Set VR602 and VR612 to their mechanical centres.
4. Turn VR601, VR611 and VR621 fully counter-clockwise (anti-clockwise).
5. Set the TV into service mode by pressing the Function button **F** on the Remote control and the Prog + **P** on the TV front panel. Press the Function button **F** on the Remote control until "SCREEN" is highlighted. This sets up a horizontal scanning line.
6. Set screen VR so that one colour is just visible.

### **[BIAS VR ADJUSTMENT]**

7. By using VR601, VR611 or VR621, adjust the line until it becomes white.
8. Set screen mode OFF, by pressing the Recall button **□** on the Remote control.

### **[DRIVE VR ADJUSTMENT]**

9. Using VR602 and VR612, adjust white balance.

## **HIGH VOLTAGE & WIDTH ADJUSTMENT**

### **[HIGH VOLTAGE ADJUSTMENT]**

1. Tune the receiver to the circular pattern.
2. Set the brightness and contrast controls to **maximum**.
3. Connect a digital V-meter to both terminals of R224, and a high voltage meter to the CRT anode.
4. Confirm high voltage to be  $26.0 \pm 1$  KV at beam current 1.4mA, and less than 29.0 KV at 0 beam current.

### **[H-WIDTH ADJUSTMENT]**

5. Adjust VR462 to obtain proper H- width .
6. Reconfirm high voltage.

## **H-CENTRE ADJUSTMENT**

1. Tune the receiver to a circular pattern.
2. Adjust H-centre by using VR361.

## **V-CENTRE ADJUSTMENT**

1. Tune the receiver to a circular pattern.
2. Adjust V-centre by using SW501.

## **V-SIZE ADJUSTMENT**

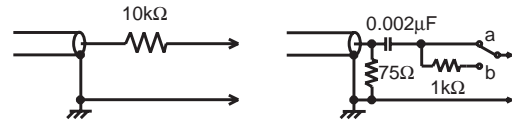
1. Tune the receiver to a circular pattern.
2. Adjust V-size by using VR501.

## **FOCUS ADJUSTMENT**

By using FOCUS VR, adjust focus control for good scanning lines.



# CIRCUIT ALIGNMENT



## VIF alignment

Input probe

Output probe

SETTING		Adjustment	Waveform
DC 15.5V AGC voltage (4.3-4.5V) Output probe	C644 + IC201-pin48 IC201-pin45 (Side b)	By using T141, adjust "P" to be maximum amplitude.	
Input probe	IC201-pin7		
Marker frequency Sweep ATT 0dB=176mVrms/75	38.9MHz 20dB		

## SIF alignment

SETTING		Adjustment	Waveform
DC 12V AGC voltage Output probe	IC3801-pin11 IC3801-pin3 IC3801-pin1 (Side b)	1. Adjust AGC voltage to be "A" = 0.5Vp-p. 2. By using T3801, adjust "P" to be equal centre line.	
Input probe Sweep ATT Marker Frequency	IC3801-pin12 10dB 38.9MHz		

## Pilot alignment

SETTING		Adjustment	Waveform
Oscilloscope Input sound signal source TV system Deviation Mode	IC3401-pin5  System B/G 27kHz Stereo	By using T3401, adjust amplitude to be maximum.	

# INITIALISATION (Important Notice)

When you replace a memory IC (IC802), it is necessary to initialise the IC as following step.

## A. Initialisation

Press and hold the **normalisation button** →•← on the remote control handset and press the **programme + button P▲** on the TV set.

The IC will be initialised automatically to set the following data.

### User control data

Colour	: Centre
Brightness	: Centre
Contrast	: Maximum
Sharpness	: Centre
Text. Bright	: Centre
Bass	: Centre
Treble	: Centre
Balance	: Centre
Volume	: Step 12

### Service data

K1	: +000
K2	: +000
ST ID	: +000
ATT	: +004
SUPER	: NO
V SYNC	: NO
V POS	: NO
SCREEN	: VOL

### Manual set data

->	+001
->	-001

The initialised service data of items K1, K2, MAX and MIN should be modified to the manual set data shown above.

For how to modify, refer to next step.

## B. Service Mode

1. To enter the service mode, press and hold the **Function button F** on the remote control handset and press the **programme + button P▲** on the TV set.

The following OSD appears on the screen

ADJUST	DATA
K1	+000
K2	+000
ST ID	+000
ATT	+004
SUPER	NO
V SYNC	NO
V POS	NO
SCREEN	VOL
CPU Ver	1.0

2. Select the desired service item by using the **Function button F** on the remote control handset.

3. Change the data by using the **Level + or - button** —▲+ .

4. To return to TV mode press the **Recall button** □◀ on the remote control handset.

### Service mode description

K1, K2 : For adjustment of stereo separation

ST ID : Mode setting for A2 stereo judgement

+000: Fast mode

+001: Normal mode

+002: Fast -> normal mode

ATT : Attenuation of FM sound

To equalise sound levels between FM and Nicam.

SCREEN: For screen adjustment

To make one horizontal scanning line.

SUPER : Contrast level control.

V SYNC : 50/60Hz judgement.

V POS : On screen display position in 60Hz.

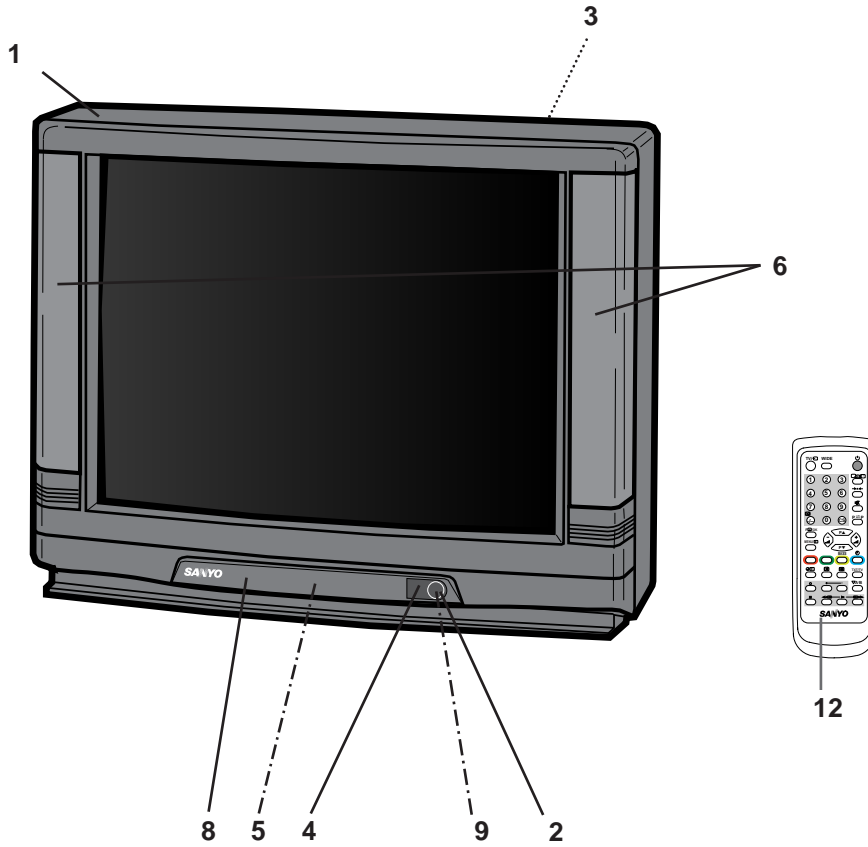
### NOTE:

The items K1, K2, ST ID and ATT are invalid adjustments for this model.

The data for K1, K2, ST ID and ATT can be altered, but it has no effect.

# CABINET PARTS LIST FOR MODEL CE28P3-C-00

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



Item	Part No.	Description
<b>CABINET PARTS</b>		
1	1AA0CAM0258-E	ASSY, CABINET FR- F7WG
2	1AA2BUM0202AA	BUTTON POWER- F7WG
3	1AA2CBM0175AB	CABINET BACK - F7WG
4	610 276 5656	DEC IND- F7WC
5	610 290 3997	DEC CONTROL SHEET- F7WG
6	610 275 2502	GRILLE SP- F2WD
7	610 253 2449	AC CORD HOLDER- U- D4VA
8	1AA2DDM0092-S	DOOR- F7WG
9	610 261 3032	COIL SPRING- E7GCS
10	645 019 2449	LATCH PUSH, 7. 9X6. 9BK
11	645 034 8228	BADGE, SANYO*53. 5X12 BROWN
<b>ACCESSORIES</b>		
12	JXMKE	RC TRANSMITTER
	SKP10182	QUICK GUIDE - F5JGS
	SKP10234-A	INST MANUAL- F7KG/WG
	SKP20290	SHEM DIAG - F7WGV-00

CHASSIS ELECTRICAL PARTS LIST			Ref. No.	Part No.	Description
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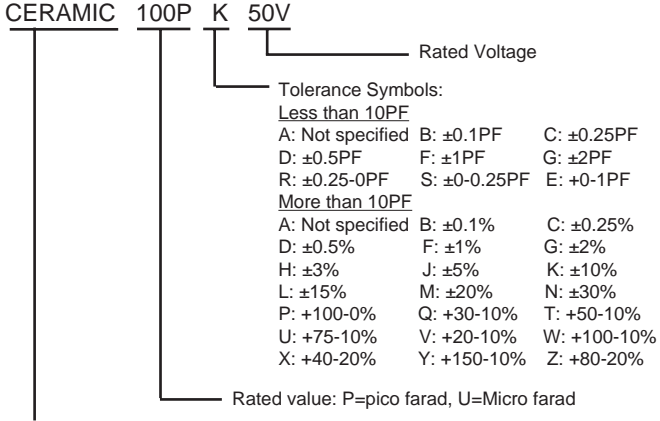
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Note: Parts order must contain Service Ref. No., Part No., and descriptions.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
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Read description in the Capacitor and Resistor as follows:

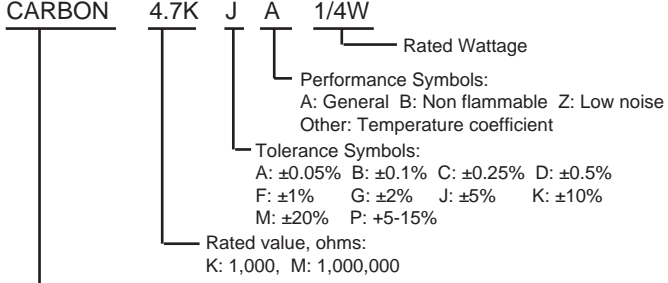
**CAPACITOR**



**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..... Doble Layered Electrolytic

**RESISTOR**



**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

**Chassis construction**

**CE28P3-C-00**

- ASSY,PWB,MAIN F7WGL 1AA0B10H036Y0 (Page 11)
- ASSY,PWB,SIF F2RT 1AA0B10E230BA (Page 18)
- ASSY,PWB,AUDIO F2RT 1AA0B10E230BB (Page 19)
- ASSY,PWB,CRT F3SS 1AA0B10E48900 (Page 20)
- OUT OF CIRCUIT-013F7WGL (Page 20)

**ASSY,PWB,MAIN F7WGL 1AA0B10H036Y0**

**TRANSISTOR**

Q001	406 007 2106	TR JC546A
Q1001	406 007 1901	TR JC556A
Q1002	406 007 2106	TR JC546A
Q1003	406 007 2106	TR JC546A
Q1004	406 007 2106	TR JC546A
Q1005	406 007 2106	TR JC546A
Q1041	406 007 2106	TR JC546A
Q1042	406 007 1901	TR JC556A
Q1043	406 007 2106	TR JC546A
Q1201	406 007 2106	TR JC546A
Q1204	406 007 2106	TR JC546A
Q121	406 007 2106	TR JC546A
Q151	406 007 1901	TR JC556A
Q152	406 007 2106	TR JC546A
Q153	406 007 1901	TR JC556A
Q154	406 007 1901	TR JC556A
Q171	406 007 2106	TR JC546A
Q2001	406 007 2106	TR JC546A
Q201	406 007 2106	TR JC546A
Q202	406 007 2106	TR JC546A
Q431	405 018 0616	TR 2SC3332-S
Q432	406 015 2501	ON5111 (BU2708DX) PH.
Q432- 1	610 252 1108	H HEAT SINK E7LC
Q461	405 064 7307	TR 2SB1274-Q- RA
Q461- 1	610 251 5916	HEAT SINK PCC E7LC
Q462	406 007 2106	TR JC546A
Q501	406 007 2106	TR JC546A
Q611	406 007 1901	TR JC556A
Q612	405 058 0208	TR 2SC3807-R- CTV- YA
Q613	405 095 0407	TR 2SC4429-L- YB
Q613- 1	610 251 5893	POW HEAT SINK E7LC
Q641	406 007 2106	TR JC546A
Q652	405 023 5019	TR 2SD400-E- MP- AE
Q681	405 059 9804	TR 2SD1913-Q- RA
Q682	406 007 1901	TR JC556A
Q801	405 118 4217	TR PH2369
Q835	406 007 2106	TR JC546A
Q861	406 007 1901	TR JC556A
Q871	406 007 2106	TR JC546A
Q872	406 007 2106	TR JC546A
Q873	406 007 2106	TR JC546A
Q874	406 007 2106	TR JC546A

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
Q875	406 007 2106	TR JC546A	C133	403 069 9510	CERAMIC CHIP 0.01Z 50V
<b>INTEGRATED CIRCUIT</b>			C134	403 050 6600	ELECT 3.3U M 50V
IC001	409 301 4906	IC TDA7263M	C135	403 068 0419	CERAMIC 0.1U Z 25V
IC001-1	610 251 4186	AUDIO HEATSINK ASSY E7PC	C136	403 194 4609	ELECT 470U M 16V
IC1251	409 336 0508	IC BU4052BC	C137	403 068 0419	CERAMIC 0.1U Z 25V
IC1202	409 120 3401	IC LA7221	C138	403 069 9510	CERAMIC CHIP 0.01Z 50V
IC201	409 380 8703	IC TDA8361/N5	C141	403 028 4419	CERAMIC 56P J 50V
IC271	409 404 0201	IC U3665M	C142	403 068 0419	CERAMIC 0.1U Z 25V
IC501	409 192 5709	IC LA7833	C143	403 027 1211	CERAMIC 5P J 50V
IC501-1	610 251 5909	V HEAT SINK E7LC	C146	403 010 8507	CERAMIC 12P J 50V
IC651	409 365 2900	IC BA178M12T	C151	403 024 2112	CERAMIC 39P J 50V
IC652	409 365 2801	IC BA178M08T	C162	403 068 0409	CERAMIC 0.1U Z 25V
IC654	409 367 2809	IC BA178M09T	C171	403 237 8057	MT-COMPO 0.1U J 50V
IC801	410 323 9206	IC SAA5290PS/116	C1901	403 069 1712	CERAMIC 1000P K 50V
IC802	409 333 3700	IC 24LC02B/P	C200	403 068 0419	CERAMIC 0.1U Z 25V
IC810	409 019 6209	IC LA7910	C2001	403 068 0419	CERAMIC 0.1U Z 25V
<b>CAPACITOR</b>			C2002	403 068 0419	CERAMIC 0.1U Z 25V
C001A	403 068 0419	CERAMIC 0.1U Z 25V	C2003	403 068 0419	CERAMIC 0.1U Z 25V
C002	403 070 9813	CHIP CERAMIC 0.015U K 50V	C201	403 014 3409	CERAMIC 18P J 50V
C003A	403 068 0419	CERAMIC 0.1U Z 25V	C202	403 237 8057	MT-COMPO 0.1U J 50V
C004	403 070 9813	CHIP CERAMIC 0.015U K 50V	C203	403 073 9117	CERAMIC 4700P K 50V
C005	403 046 3507	ELECT 33U M 25V	C204	403 068 0419	CERAMIC 0.1U Z 25V
C006	403 046 3507	ELECT 33U M 25V	C205	403 068 0419	CERAMIC 0.1U Z 25V
C007	403 237 7941	MT-COMPO 0.22U J 50V	C206	403 068 0419	CERAMIC 0.1U Z 25V
C008	403 237 7941	MT-COMPO 0.22U J 50V	C207	403 068 0419	CERAMIC 0.1U Z 25V
C009	403 237 7941	MT-COMPO 0.22U J 50V	C208	403 068 0419	CERAMIC 0.1U Z 25V
C010	403 237 7941	MT-COMPO 0.22U J 50V	C209	403 069 1712	CERAMIC 1000P K 50V
C011	403 045 1504	ELECT 1000U M 25V	C212	403 248 2803	ELECT 2.2U M 50V
C012	403 045 1504	ELECT 1000U M 25V	C215	403 067 7895	MT-COMPO 0.47U J 50V
C015	403 047 3100	ELECT 47U M 25V	C222A	404 045 6605	NP-ELECT 2.2U M 50V
C018	403 069 9510	CERAMIC CHIP 0.01Z 50V	C226	403 138 1602	ELECT 1U M 100V
C021	403 052 8503	ELECT 1000U M 35V	C231	403 068 0419	CERAMIC 0.1U Z 25V
C100	403 248 1618	ELECT 47U M 16V	C232	403 014 9213	CERAMIC 180P J 50V
C1001	403 069 1712	CERAMIC 1000P K 50V	C233	403 068 0419	CERAMIC 0.1U Z 25V
C1002	403 248 1905	ELECT 10U M 50V	C234	403 013 3004	CERAMIC 150P J 50V
C1003	403 009 5718	CERAMIC 100P J 50V	C235	403 008 7416	CERAMIC 10P D 50V
C1004	403 130 3119	CERAMIC 0.047U K 50V	C271	403 069 1712	CERAMIC 1000P K 50V
C1005	403 069 1712	CERAMIC 1000P K 50V	C272	403 069 1712	CERAMIC 1000P K 50V
C1006	403 248 1905	ELECT 10U M 50V	C273	403 069 9510	CERAMIC CHIP 0.01Z 50V
C1007	403 009 5718	CERAMIC 100P J 50V	C274	403 248 1905	ELECT 10U M 50V
C1008	403 130 3119	CERAMIC 0.047U K 50V	C351	403 237 8057	MT-COMPO 0.1U J 50V
C1009	403 248 1905	ELECT 10U M 50V	C352	403 179 1015	POLYESTER 0.047U J 50V
C101	403 194 4609	ELECT 470U M 16V	C353	403 073 9117	CERAMIC 4700P K 50V
C102	403 248 1618	ELECT 47U M 16V	C354	403 248 1400	ELECT 1U M 50V
C1021	403 069 1712	CERAMIC 1000P K 50V	C361	403 072 5615	CERAMIC 2700P K 50V
C1022	403 248 1905	ELECT 10U M 50V	C362	403 069 9510	CERAMIC CHIP 0.01Z 50V
C1023	403 009 5718	CERAMIC 100P J 50V	C363	403 042 2405	ELECT 100U M 16V
C1024	403 041 9405	ELECT 10U M 16V	C421	404 060 7809	MT-POLYPRO 6000P J 1.5K
C1025	403 069 1712	CERAMIC 1000P K 50V	C422	403 299 3111	POLYPRO 0.022U J 400V
C1026	403 248 1905	ELECT 10U M 50V	C423	404 060 7809	MT-POLYPRO 6000P J 1.5K
C1027	403 009 5718	CERAMIC 100P J 50V	C424	403 299 3012	POLYPRO 0.015U J 400V
C1028	403 041 9405	ELECT 10U M 16V	C430	403 075 7101	CERAMIC 1000P K 500V
C1029	403 248 1905	ELECT 10U M 50V	C431	403 068 5612	CERAMIC 0.056U Z 25V
C103A	403 069 1712	CERAMIC 1000P K 50V	C432	403 075 7101	CERAMIC 1000P K 500V
C1031	403 014 9213	CERAMIC 180P J 50V	C433	403 076 3102	CERAMIC 3900P K 500V
C104	403 248 1618	ELECT 47U M 16V	C434	403 229 1217	ELECT 47U M 35V
C1041	403 248 1905	ELECT 10U M 50V	C437	403 066 6106	MT-POLYEST 0.47U J 250V
C106	403 248 1400	ELECT 1U M 50V	C438	403 178 9319	POLYESTER 0.01U J 50V
C106B	403 069 9510	CERAMIC CHIP 0.01Z 50V	C441	403 309 2100	POLYPRO 0.3U J 400V
C107B	403 069 9510	CERAMIC CHIP 0.01Z 50V	C445	403 248 1905	ELECT 10U M 50V
C108	403 027 1211	CERAMIC 5P J 50V	C462	403 248 1400	ELECT 1U M 50V
C109	403 027 1211	CERAMIC 5P J 50V	C463	403 237 8057	MT-COMPO 0.1U J 50V
C110	403 033 4510	CERAMIC 82P J 50V	C464	403 248 1400	ELECT 1U M 50V
C114	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	C465	403 066 0104	MT-POLYEST 2.2U K 100V
C117	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	C467	403 241 3817	ELECT 220U M 10V
C1201	403 248 1905	ELECT 10U M 50V	C468	403 217 1103	ELECT 22U M 50V
C1203	403 069 8305	CERAMIC 0.01U Z 50V	C470	403 069 8305	CERAMIC 0.01U Z 50V
C1205	403 009 5718	CERAMIC 100P J 50V	C481	403 076 1405	CERAMIC 2700P K 500V
C121	403 068 0419	CERAMIC 0.1U Z 25V	C482	403 159 7409	MT-POLYEST 0.1U K 250V
C131	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	C501	403 054 1502	ELECT 470U M 35V
C132	403 069 1712	CERAMIC 1000P K 50V	C502	403 053 2104	ELECT 220U M 35V
			C503	403 024 2112	CERAMIC 39P J 50V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C504	403 069 9510	CERAMI C CHIP 0.01Z 50V	R017	401 037 5618	MT- GLAZE 10K JA 1/10W
C505	403 075 7101	CERAMI C 1000P K 500V	R100	401 037 5014	MT- GLAZE 560 JA 1/10W
C506	403 183 7901	MT- POLYEST 0.1U K 100V	R1002	401 038 0711	MT- GLAZE 2.2K JA 1/10W
C511	403 188 0709	MT- POLYEST 0.27U K 100V	R1003	401 038 7611	MT- GLAZE 560 JA 1/10W
C512	403 148 0701	ELECT 2200U M 25V	R1004	401 038 0711	MT- GLAZE 2.2K JA 1/10W
C513	403 248 1905	ELECT 10U M 50V	R1005	401 027 6628	CARBON 75 JA 1/6W
C514	403 248 1905	ELECT 10U M 50V	R1006	401 038 5310	MT- GLAZE 39K JA 1/10W
C600	403 076 4000	CERAMI C 4700P K 500V	R1007	401 038 3712	MT- GLAZE 33K JA 1/10W
△ C601	404 060 7205	MT- POLYEST 0.1U M 250V	R1008	401 027 6628	CARBON 75 JA 1/6W
△ C602	404 060 7205	MT- POLYEST 0.1U M 250V	R1009	401 027 6628	CARBON 75 JA 1/6W
C603	403 076 7130	CERAMI C 1000P M 1K	R101	401 038 6218	MT- GLAZE 47 JA 1/10W
C604	403 076 7130	CERAMI C 1000P M 1K	R1010	401 027 6628	CARBON 75 JA 1/6W
C605	403 076 7130	CERAMI C 1000P M 1K	R1011	401 037 5212	MT- GLAZE 100 JA 1/10W
C606	403 076 7130	CERAMI C 1000P M 1K	R1012	401 027 6628	CARBON 75 JA 1/6W
C607	404 047 1608	ELECT 270U M 385V	R1013	401 012 4543	CARBON 100 JA 1/4W
C613	403 179 1213	POLYESTER 4700P J 50V	R1014	401 027 6628	CARBON 75 JA 1/6W
C614	403 237 8057	MT- COMPO 0.1U J 50V	R1015	401 038 6416	MT- GLAZE 4.7K JA 1/10W
C615	403 179 3217	POLYESTER 0.015U J 50V	R1016	401 019 1040	CARBON 390 JA 1/4W
C616	403 165 6205	CERAMI C 1000P K 2K	R1017	401 024 7430	CARBON 10K JA 1/6W
C617	403 179 2418	POLYESTER 0.022U K 50V	R1018	401 038 3514	MT- GLAZE 330 JA 1/10W
△ C631	404 073 4505	DE1210-1 E 222M-KX	R1021	401 038 7611	MT- GLAZE 560 JA 1/10W
△ C632	404 073 5106	CER 470P K KX 250V	R1022	401 038 0711	MT- GLAZE 2.2K JA 1/10W
C640	403 069 8305	CERAMI C 0.01U Z 50V	R1023	401 038 7611	MT- GLAZE 560 JA 1/10W
C641	403 165 9335	CERAMI C 680P K 1K	R1024	401 038 0711	MT- GLAZE 2.2K JA 1/10W
C642	404 055 9801	ELECT 220U M 200V	R1025	401 038 5310	MT- GLAZE 39K JA 1/10W
C643	403 148 2002	ELECT 470U M 35V	R1026	401 038 3712	MT- GLAZE 33K JA 1/10W
C644	403 148 0701	ELECT 2200U M 25V	R1027	401 027 6628	CARBON 75 JA 1/6W
C645	403 148 0701	ELECT 2200U M 35V	R1028	401 027 6628	CARBON 75 JA 1/6W
C651	403 148 0305	ELECT 470U M 16V	R1029	401 014 2933	CARBON 150 JA 1/4W
C652	403 069 9510	CERAMI C CHIP 0.01Z 50V	R1031	401 038 0612	MT- GLAZE 220 JA 1/10W
C653	403 248 1618	ELECT 47U M 16V	R1032	401 038 0612	MT- GLAZE 220 JA 1/10W
C655	403 126 4400	ELECT 100U M 10V	R1033	401 038 0612	MT- GLAZE 220 JA 1/10W
C661	403 051 0607	ELECT 4.7U M 50V	R1041	401 038 2210	MT- GLAZE 27K JA 1/10W
C681	403 190 4702	ELECT 1000U M 25V	R1042	401 037 5618	MT- GLAZE 10K JA 1/10W
C682	403 069 9510	CERAMI C CHIP 0.01Z 50V	R1043	401 039 0314	MT- GLAZE 820 JA 1/10W
C683	403 147 9606	ELECT 1000U M 10V	R1044	401 039 0314	MT- GLAZE 820 JA 1/10W
C684	403 050 6600	ELECT 3.3U M 50V	R1045	401 037 5410	MT- GLAZE 1K JA 1/10W
C802	403 237 8057	MT- COMPO 0.1U J 50V	R1046	401 038 0711	MT- GLAZE 2.2K JA 1/10W
C812	403 248 1400	ELECT 1U M 50V	R1047	401 037 6714	MT- GLAZE 1.2K JA 1/10W
C814	403 248 1400	ELECT 1U M 50V	R1051	401 037 8114	MT- GLAZE 150K JA 1/10W
C816	403 051 0607	ELECT 4.7U M 50V	R1052	401 037 5717	MT- GLAZE 100K JA 1/10W
C818	403 051 0607	ELECT 4.7U M 50V	R1053	401 037 6714	MT- GLAZE 1.2K JA 1/10W
C841	403 069 9510	CERAMI C CHIP 0.01Z 50V	R1054	401 037 8114	MT- GLAZE 150K JA 1/10W
C861	403 179 0810	POLYESTER 0.0056U J 50V	R1055	401 037 5717	MT- GLAZE 100K JA 1/10W
C871	403 068 0419	CERAMI C 0.1U Z 25V	R1056	401 037 6714	MT- GLAZE 1.2K JA 1/10W
C872	403 248 1618	ELECT 47U M 16V	R108	401 037 5014	MT- GLAZE 0.000 ZA 1/10W
C873	403 018 0513	CERAMI C CERAMI C 2	R110	401 037 5014	MT- GLAZE 0.000 ZA 1/10W
C874	403 018 0513	CERAMI C CERAMI C 2	R1200	401 022 1935	CARBON 680 JA 1/4W
C875	403 068 0419	CERAMI C 0.1U Z 25V	R1201	401 038 6515	MT- GLAZE 47K JA 1/10W
C878	403 073 9117	CERAMI C 4700P K 50V	R1203	401 037 5618	MT- GLAZE 10K JA 1/10W
C879	403 068 0419	CERAMI C 0.1U Z 25V	R1204	401 038 2210	MT- GLAZE 27K JA 1/10W
C881	403 069 9510	CERAMI C CHIP 0.01Z 50V	R1205	401 038 2210	MT- GLAZE 27K JA 1/10W
C882	403 248 1905	ELECT 10U M 50V	R1206	401 038 6515	MT- GLAZE 47K JA 1/10W
C883	403 018 0513	CERAMI C CERAMI C 2	R1207	401 012 7049	CARBON 10K JA 1/4W
C884	403 018 0513	CERAMI C CERAMI C 2	R121	401 020 2944	CARBON 47K JA 1/4W
C892	403 069 9510	CERAMI C CHIP 0.01Z 50V	R133	401 037 9111	MT- GLAZE 180 JA 1/10W
<b>RESISTOR</b>			R134	401 039 0413	MT- GLAZE 8.2K JA 1/10W
R001	401 037 5410	MT- GLAZE 1K JA 1/10W	R135	401 038 0810	MT- GLAZE 22K JA 1/10W
R002	401 037 5410	MT- GLAZE 1K JA 1/10W	R137	401 037 5212	MT- GLAZE 100 JA 1/10W
R004	401 037 9210	MT- GLAZE 1.8K JA 1/10W	R138	401 038 7710	MT- GLAZE 5.6K JA 1/10W
R005	401 019 9640	CARBON 47 JA 1/4W	R141	401 038 9219	MT- GLAZE 6.8K JA 1/10W
R006	401 014 4145	CARBON 1K5 JA 1/4W	R150	401 024 7024	CARBON 1K JA 1/6W
R007	401 019 9640	CARBON 47 JA 1/4W	R151	401 022 1935	CARBON 680 JA 1/4W
R008	401 014 4145	CARBON 1K5 JA 1/4W	R152	401 025 3827	CARBON 180 JA 1/6W
R009	401 010 1514	CARBON 4.7 JA 1/2W	R153	401 037 5410	MT- GLAZE 1K JA 1/10W
R010	401 010 1514	CARBON 4.7 JA 1/2W	R154	401 038 7611	MT- GLAZE 560 JA 1/10W
R013	401 037 6714	MT- GLAZ 1.2K JA 1/10W	R155	401 037 5410	MT- GLAZE 1K JA 1/10W
R014	401 016 2644	CARBON 220 JA 1/4W	R156	401 037 5410	MT- GLAZE 1K JA 1/10W
R015	401 037 5410	MT- GLAZE 47K JA 1/10W	R157	401 039 0918	MT- GLAZE 910 JA 1/10W
			R158	401 037 5410	MT- GLAZE 1K JA 1/10W
			R159	401 022 1935	CARBON 680 JA 1/4W
			R163	401 038 6515	MT- GLAZE 47K JA 1/10W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R171	401 038 6317	MT- GLAZE 470 JA 1/10W	R470	401 027 0329	CARBON 47K JA 1/6W
R172	401 016 2644	CARBON 220 JA 1/4W	R471	401 025 1625	CARBON 1K5 JA 1/6W
R173	401 025 7429	CARBON 220 JA 1/6W	R472	401 027 0329	CARBON 47K JA 1/6W
R1900	401 038 7819	MT- GLAZE 56K JA 1/10W	R473	401 027 5225	CARBON 680 JA 1/6W
R1901	401 037 8015	MT- GLAZE 15K JA 1/10W	R474	401 009 0927	CARBON 270 JA 1/2W
R1901A	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W	R481	401 015 4738	CARBON 180K JA 1/4W
R1902	401 039 0413	MT- GLAZE 8. 2K JA 1/10W	R482	401 027 2620	CARBON 5K6 JA 1/6W
R1902A	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W	R501	401 020 2053	CARBON 4. 7K JA 1/4W
R1903	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	△ R502	402 002 2004	FUSIBLE RES 4. 7 J- 1/2W
R1903A	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W	R504	401 027 3023	CARBON 56K JA 1/6W
R1904	401 038 2111	MT- GLAZE 2. 7K JA 1/10W	R505	401 027 2620	CARBON 5K6 JA 1/6W
R1905	401 038 0711	MT- GLAZE 2. 2K JA 1/10W	R506	401 019 1941	CARBON 3K9 JA 1/4W
R1906	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W	R507	401 027 8127	CARBON 82 JA 1/6W
R1907	401 037 5618	MT- GLAZE 10K JA 1/10W	R508	401 026 1020	CARBON 2K7 JA 1/6W
R1908	401 038 3514	MT- GLAZE 330 JA 1/10W	△ R509	401 057 7507	OXI DE- MT 0. 82 JA 1W
R1909	401 037 7919	MT- GLAZE 1. 5K JA 1/10W	△ R511	401 059 6706	OXI DE- MT 180 JA 1W
R1911	401 038 6317	MT- GLAZE 470 JA 1/10W	△ R512	401 061 6404	OXI DE- MT 390 JA 1W
R1921	401 037 6615	MT- GLAZE 120 JA 1/10W	△ R513	401 063 6402	OXI DE- MT 820 JA 1W
R1922	401 038 5013	MT- GLAZE 390 JA 1/10W	△ R521	402 037 1805	FUSIBLE RES 4. 7 J- 1W
R1924	401 022 3147	CARBON 6K8 JA 1/4W	△ R602	402 072 4403	WI RE WOUN 3. 9 KA 7W
R2001	401 038 2210	MT- GLAZE 27K JA 1/10W	△ R611	401 027 2620	CARBON 5K6 JA 1/6W
R2002	401 037 5618	MT- GLAZE 10K JA 1/10W	R615	401 025 8228	CARBON 22K JA 1/6W
R2004	401 037 7810	MT- GLAZE 15K JA 1/10W	R617	401 024 9325	CARBON 1K2 JA 1/6W
R2005	401 019 1941	CARBON 3K9 JA 1/4W	R619	401 016 1538	CARBON 22 JA 1/4W
R201	401 039 0413	MT- GLAZE 8. 2K JA 1/10W	R620	401 007 5815	CARBON 120K JA 1/2W
R202	401 037 5717	MT- GLAZE 100K JA 1/10W	R621	401 007 5815	CARBON 120K JA 1/2W
R203	401 024 6720	CARBON 100 JA 1/6W	R622	401 014 5241	CARBON 15K JA 1/4W
R204	401 024 6720	CARBON 100 JA 1/6W	R623	401 026 4328	CARBON 3K3 JA 1/6W
R205	401 024 6720	CARBON 100 JA 1/6W	△ R624	401 068 6902	OXI DE- MT 56 JA 2W
R206	401 037 5212	MT- GLAZE 100 JA 1/10W	△ R625	401 065 9609	OXI DE- MT 18 JA 2W
R207	401 037 5212	MT- GLAZE 100 JA 1/10W	R626	401 015 2219	CARBON 1. 8K GA 1/4W
R208	401 037 5212	MT- GLAZE 100 JA 1/10W	△ R631	402 000 8602	SOLI D 5. 6M KA 1/2W
R212	401 017 1844	CARBON 2K7 JA 1/4W	△ R632	402 000 8602	SOLI D 5. 6M KA 1/2W
R213	401 038 7710	MT- GLAZE 5. 6K JA 1/10W	R641	401 014 6149	CARBON 150K JA 1/4W
R214	401 037 5212	MT- GLAZE 100 JA 1/10W	R642	401 027 4327	CARBON 6. 2K JA 1/6W
R215	401 038 3712	MT- GLAZE 33K JA 1/10W	R643	401 015 4738	CARBON 180K JA 1/4W
R216	401 016 4836	CARBON 22K JA 1/4W	R644	401 011 2718	CARBON 68K JA 1/2W
R217	401 016 4836	CARBON 22K JA 1/4W	R645	401 025 8228	CARBON 22K JA 1/6W
R218	401 038 7819	MT- GLAZE 56K JA 1/10W	△ R646	402 069 9800	WI RE WOUND 2. 7 KA 5W
R223	401 014 0305	CARBON 130K JA 1/4W	△ R647	402 076 0609	WI RE WOUND 8. 2 KA 7W
R224	401 024 7024	CARBON 1K JA 1/6W	R648	401 026 9927	CARBON 4K7 JA 1/6W
R226	401 026 7428	CARBON 39K JA 1/6W	△ R651	401 064 3806	OXI DE- MT 1 JA 2W
R227	401 012 7049	CARBON 10K JA 1/4W	△ R652	401 065 1801	OXI DE- MT 12 JA 2W
R231	401 037 7810	MT- GLAZE 150 JA 1/10W	△ R653	401 067 8204	OXI DE- MT 39 JA 2W
R232	401 037 7810	MT- GLAZE 150 JA 1/10W	△ R655	401 067 4206	OXI DE- MT 33 JA 2W
R271	401 024 6720	CARBON 100 JA 1/6W	R656	401 026 9620	CARBON 470 JA 1/6W
R272	401 024 9028	CARBON 120 JA 1/6W	△ R661	401 068 4700	OXI DE- MT 4. 7K JA 2W
R351	401 037 5212	MT- GLAZE 100 JA 1/10W	△ R662	401 068 8807	OXI DE- MT 5. 6K JA 2W
R353	401 038 0919	MT- GLAZE 220K JA 1/10W	R681	401 008 1628	CARBON 1K8 JA 1/2W
R354	401 027 0329	CARBON 47K JA 1/6W	△ R682	401 069 1708	OXI DE- MT 68 JA 2W
R355	401 012 9904	CARBON 10M JA 1/4W	R684	401 023 2842	CARBON 8K2 JA 1/4W
R356	401 037 5212	MT- GLAZE 100 JA 1/10W	R685	401 025 8228	CARBON 22K JA 1/6W
R357	401 037 5618	MT- GLAZE 10K JA 1/10W	R800	401 016 3849	CARBON 2. 2K JA 1/4W
R361	401 038 5419	MT- GLAZE 390K JA 1/10W	R801	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W
R363	401 038 0810	MT- GLAZE 22K JA 1/10W	R802	401 038 0711	MT- GLAZE 2. 2K JA 1/10W
R364	401 037 5212	MT- GLAZE 100 JA 1/10W	R803	401 037 9418	MT- GLAZE 180K JA 1/10W
R365	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	R804	401 024 7430	CARBON 10K JA 1/6W
R431	401 038 3514	MT- GLAZE 330 JA 1/10W	R806	401 024 7430	CARBON 10K JA 1/6W
R432	401 037 5410	MT- GLAZE 1K JA 1/10W	R807	401 024 7430	CARBON 10K JA 1/6W
R433	401 007 1134	CARBON 1K JA 1/2W	R808	401 019 1941	CARBON 3K9 JA 1/4W
△ R434	401 067 9201	OXI DE- MT 390 JA 2W	R811	401 016 3849	CARBON 2. 2K JA 1/4W
△ R435	402 075 2307	WI RE WOUND 10 JA 5W	R812	401 038 5112	MT- GLAZE 3. 9K JA 1/10W
R436	401 012 7049	CARBON 10K JA 1/4W	R813	401 018 4933	CARBON 33K JA 1/4W
△ R441	401 058 3706	OXI DE- MT 1K JA 1W	R815	401 012 4543	CARBON 100 JA 1/4W
R447	401 026 9927	CARBON 4K7 JA 1/6W	R816	401 037 5618	MT- GLAZE 10K JA 1/10W
R448	401 009 5843	CARBON 330 JA 1/2W	R817A	401 039 0413	MT- GLAZE 8. 2K JA 1/10W
△ R451	401 067 3100	OXI DE- MT 3. 9 JA 2W	R818	401 038 9318	MT- GLAZE 68K JA 1/10W
R462	401 022 1935	CARBON 680 JA 1/4W	R819	401 016 3849	CARBON 2. 2K JA 1/4W
R463	401 025 7825	CARBON 2K2 JA 1/6W	R820	401 037 5618	MT- GLAZE 10K JA 1/10W
R467	401 025 8723	CARBON 220K JA 1/6W			
R468	401 025 4220	CARBON 1K8 JA 1/6W			
R469	401 027 5928	CARBON 68K JA 1/6W			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R821	401 038 0810	MT- GLAZE 22K JA 1/10W	<b>COIL</b>		
R822	401 038 6515	MT- GLAZE 47K JA 1/10W	L1002	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R823	401 013 5341	CARBON 1K2 JA 1/4W	L1003	645 001 4550	PEAKING COIL 10UHK
R824	401 038 5112	MT- GLAZE 3. 9K JA 1/10W	L1004	645 001 4550	PEAKING COIL 10UHK
R825	401 038 3613	MT- GLAZE 3. 3K JA 1/10W	L1005	645 001 4550	PEAKING COIL 10UHK
R838	401 037 8015	MT- GLAZE 15K JA 1/10W	L1006	645 001 4550	PEAKING COIL 10UHK
R839	401 018 4933	CARBON 33K JA 1/4W	L101	645 001 4710	PEAKING COIL 10UH J
R840	401 020 0841	CARBON 470 JA 1/4W	L102	645 001 5656	PEAKING COIL 4. 7UH K
R841	401 038 0810	MT- GLAZE 22K JA 1/10W	L1022	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R842	401 020 2053	CARBON 4. 7K JA 1/4W	L1023	645 001 4550	PEAKING COIL 10UHK
R843	401 037 5618	MT- GLAZE 10K JA 1/10W	L1024	645 001 4550	PEAKING COIL 10UHK
R844	401 038 5112	MT- GLAZE 3. 9K JA 1/10W	L1025	645 001 4550	PEAKING COIL 10UHK
R845	401 037 5618	MT- GLAZE 10K JA 1/10W	L1026	645 001 4550	PEAKING COIL 10UHK
R846	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	L1027	645 001 5656	PEAKING COIL 4. 7UH K
R847	401 037 5618	MT- GLAZE 10K JA 1/10W	L141	645 001 4550	PEAKING COIL 10UHK
R848	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	L151	645 002 1534	PEAKING COIL 8. 2UHK
R851	401 037 5410	MT- GLAZE 1K JA 1/10W	L152	645 002 1459	PEAKING COIL
R852	401 037 5410	MT- GLAZE 1K JA 1/10W	L201	645 001 4710	PEAKING COIL 10UH J
R853	401 038 0810	MT- GLAZE 22K JA 1/10W	L202	645 001 4710	PEAKING COIL 10UH J
R861	401 038 2111	MT- GLAZE 2. 7K JA 1/10W	L203	645 001 4710	PEAKING COIL 10UH J
R862	401 038 0810	MT- GLAZE 22K JA 1/10W	L231	645 001 5656	PEAKING COIL 4. 7UH K
R863	401 038 0810	MT- GLAZE 22K JA 1/10W	L232	645 003 8518	PEAKING COIL
R864	401 037 5410	MT- GLAZE 1K JA 1/10W	L431	645 008 5628	INDUCTOR, 1U M
R865	401 038 0711	MT- GLAZE 2. 2K JA 1/10W	L432	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R866	401 038 0711	MT- GLAZE 2. 2K JA 1/10W	L441	645 036 7380	COIL, LINEARITY 25"
R867	401 038 0711	MT- GLAZE 2. 2K JA 1/10W	L442	610 219 0342	COIL
R868	401 037 6714	MT- GLAZE 1. 2K JA 1/10W	L461	645 005 5645	INDUCTOR 222UH K
R869	401 038 2210	MT- GLAZE 27K JA 1/10W	L462	645 005 7014	INDUCTOR, 430UH
R870	401 016 4836	CARBON 22K JA 1/4W	L501	645 008 5642	INDUCTOR, 3. 3U K
R870A	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W	L601	645 017 1260	ELF 18D431F LINE FILTER
R871	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	L607	610 237 1000	PIPE CORE
R872	401 038 3712	MT- GLAZE 33K JA 1/10W	L608	610 237 1000	PIPE CORE
R873	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	L641	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R874	401 037 5618	MT- GLAZE 10K JA 1/10W	L642	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R875	401 038 7710	MT- GLAZE 5. 6K JA 1/10W	L643	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R876	401 037 5618	MT- GLAZE 10K JA 1/10W	L871	645 008 2962	PEAKING COIL 5. 6UH K
R877	401 039 0413	MT- GLAZE 8. 2K JA 1/10W	L881	645 012 8707	PEAKING COIL 1. 5UH M
R878	401 037 7919	MT- GLAZE 1. 5K JA 1/10W	<b>DIODE</b>		
R879	401 037 5618	MT- GLAZE 10K JA 1/10W	D1005	407 063 8319	ZENER DIODE MFZJ11C
R880	401 038 6515	MT- GLAZE 47K JA 1/10W	D1007	407 063 8319	ZENER DIODE MFZJ11C
R884	401 037 7810	MT- GLAZE 150 JA 1/10W	D1008	407 063 8319	ZENER DIODE MFZJ11C
R885	401 038 5112	MT- GLAZE 3. 9K JA 1/10W	D1010	407 063 8319	ZENER DIODE MFZJ11C
R886	401 037 7810	MT- GLAZE 150 JA 1/10W	D1011	407 063 8319	ZENER DIODE MFZJ11C
R887	401 038 5112	MT- GLAZE 3. 9K JA 1/10W	D1021	407 063 8319	ZENER DIODE MFZJ11C
R888	401 037 5212	MT- GLAZE 100 JA 1/10W	D1022	407 063 8319	ZENER DIODE MFZJ11C
R889	401 037 5212	MT- GLAZE 100 JA 1/10W	D1023	407 063 8319	ZENER DIODE MFZJ11C
R891	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	D1024	407 063 8319	ZENER DIODE MFZJ11C
R892	401 038 6416	MT- GLAZE 4. 7K JA 1/10W	D1026	407 063 8319	ZENER DIODE MFZJ11C
R893	401 037 5410	MT- GLAZE 1K JA 1/10W	D1027	407 063 8319	ZENER DIODE MFZJ11C
R894	401 037 5410	MT- GLAZE 1K JA 1/10W	D1201	407 053 6803	ZENER DIODE MFZ5. 6C
R895	401 037 6714	MT- GLAZE 1. 2K JA 1/10W	D135	407 063 8319	ZENER DIODE MFZJ11C
R896	401 038 6515	MT- GLAZE 47K JA 1/10W	D1901- 1	610 269 4697	HOLDER LED A- E7GC
R897	401 012 5748	CARBON 1K JA 1/4W	D1901A	407 120 9706	LED LN28RPL
R898	401 012 5748	CARBON 1K JA 1/4W	D1903	407 063 8319	ZENER DIODE MFZJ11C
			D1905	407 012 4416	DIODE 1SS133- T- 77
<b>VARIABLE RESISTOR</b>			D201	407 063 8319	ZENER DIODE MFZJ11C
VR131	645 003 5531	VR 10K ALPS	D202	407 063 8319	ZENER DIODE MFZJ11C
VR361	645 003 5531	VR 10K ALPS	D203	407 063 8319	ZENER DIODE MFZJ11C
VR462	645 003 5616	VR 4. 7K ALPS	D210	407 012 4416	DIODE 1SS133- T- 77
VR501	645 006 5231	VR 100 ALPS	D221	407 012 4416	DIODE 1SS133- T- 77
VR641	645 003 5579	VR 2. 2K ALPS	D222	408 007 8607	DIODE 1N4148
			D271	407 053 6407	ZENER DIODE MFZ5. 1C
<b>TRANSFORMER</b>			D352	407 057 8308	ZENER DIODE MFZ8. 2B- T- 77
T101	610 037 4508	S COIL	D361	407 075 9925	ZENER DIODE EQA03- 11A
T141	610 037 4522	S COIL	D431	407 053 8708	ZENER DIODE MFZ9. 1A
T431	610 223 1656	DRIVE TRANS	D432	407 005 7328	DIODE EM01Z
△ T451	645 021 2741	TRANS, FLYBACK - MEXICO	△ D438	407 095 8001	DIODE ERD07- 15L
△ T611	645 038 2093	TRANS, POWER, PULSE	D439	407 006 4128	DIODE ERB44- 04V1
△ T681	610 033 3758	POWER TRANS	D442	408 007 8607	DIODE 1N4148
			D445	407 012 4416	DIODE 1SS133- T- 77
			D446	407 151 9003	ZENER DIODE UZ- 7. 5BCC



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
D464	407 053 6605	ZENER DIODE MTZ5. 6A- T- 77	KDY- 1	645 008 4058	TERMINAL PLUG
D465	407 012 4416	DIODE 1SS133- T- 77	KDY- 3	645 008 4058	TERMINAL PLUG
D466	407 077 9705	ZENER DIODE MTZT- 77- 20A	KDY- 5	645 008 4058	TERMINAL PLUG
D469	407 007 7415	DIODE EU1	KDY- 6	645 008 4058	TERMINAL PLUG
D471ATM	408 007 8607	DIODE 1N4148	△ KE- 1	645 008 4058	TERMINAL PLUG
D472	407 012 4416	DIODE 1SS133- T- 77	KE- 2	645 008 4058	TERMINAL PLUG
D481	407 007 7415	DIODE EU1	△ KF- 1	645 008 4058	TERMINAL PLUG
D482	407 012 4416	DIODE 1SS133- T- 77	KF- 2	645 008 4058	TERMINAL PLUG
D501	407 005 7328	DIODE EMO1Z	KL	645 004 2881	PLUG, 2P
D502	407 118 2217	ZENER DIODE 1Z75	KP	645 008 7288	HOUSING PLUG 5P
D603	407 009 6921	DIODE RMI1C	KQ	645 008 7264	HOUSING PLUG 3P
D604	407 009 6921	DIODE RMI1C	KR- 1	645 008 4058	TERMINAL PLUG
D605	407 009 6921	DIODE RMI1C	KR- 2	645 008 4058	TERMINAL PLUG
D606	407 009 6921	DIODE RMI1C	KSC	645 008 4058	TERMINAL PLUG
D614	408 007 8607	DIODE 1N4148	K10B	645 008 7288	HOUSING PLUG 5P
△ D615	408 009 8407	PHOTO COUPLE CNY17GF- 3	K1001	645 005 5867	21- PIN SOCKET
D616	408 007 8607	DIODE 1N4148	K1002	645 005 5867	21- PIN SOCKET
D617	407 007 6616	DIODE ES1	PS601	408 013 3801	TH PTH451C262BF140M270
D618	408 007 8607	DIODE 1N4148	SW1901	610 011 4432	SWITCH, PUSH
D619	407 053 3000	ZENER DIODE MTZ11C	SW1902	610 011 4432	SWITCH, PUSH
D641	407 009 8816	DIODE RU3AM	SW1903	610 011 4432	SWITCH, PUSH
D642	407 007 7613	DIODE EU2	SW1904	610 011 4432	SWITCH, PUSH
△ D643	407 166 2303	DIODE ERC- 91- 02L	SW501	610 011 2728	SWITCH, LEVER 1P- 3T
△ D644	407 166 2303	DIODE ERC- 91- 02L	△ SW601	645 024 0607	PUSH SW POWER SDDFC3
D645	407 053 7206	ZENER DIODE MTZT- 77- 6. 2C	TP- A	645 008 4058	TERMINAL PLUG
D647	407 012 4416	DIODE 1SS133- T- 77	TP- B	645 008 4058	TERMINAL PLUG
D648	407 099 8601	ZENER DIODE MTZJ24A	TP- D	645 008 4058	TERMINAL PLUG
D652	407 053 6803	ZENER DIODE MTZ5. 6C- T- 77	TP- E	45 008 4058	TERMINAL PLUG
D654	407 012 4416	DIODE 1SS133- T- 77	X131	421 002 2609	SAW F TSF5315
D655	407 012 4416	DIODE 1SS133- T- 77	X151	610 015 2854	TRAP, CERAMIC 5. 5MHZ
D661	409 026 8005	IC L5630	X152	645 000 4490	TRAP, CERAMIC (6. 5W3)
D681	407 005 7328	DIODE EMO1Z	X201	645 025 2631	OSC, CRYSTAL 4. 43MHZ
D682	407 053 6803	ZENER DIODE MTZ5. 6C- T- 77	X871	645 018 9593	OSC, CRYSTAL 12MHZ
D683	407 005 7328	DIODE EMO1Z	Y01	645 008 4058	TERMINAL PLUG
D684	408 007 8607	DIODE 1N4148	Y02	645 008 4058	TERMINAL PLUG
D685	407 012 4416	DIODE 1SS133- T- 77	Y04	645 008 4058	TERMINAL PLUG
D831	408 007 8607	DIODE 1N4148	Y05	645 008 4058	TERMINAL PLUG
D861	407 012 4416	DIODE 1SS133- T- 77	Y06	645 008 4058	TERMINAL PLUG
D871	407 012 4416	DIODE 1SS133- T- 77	Y07	645 008 4058	TERMINAL PLUG
D872	407 055 7927	ZENER DIODE RD3. 6EL	Y12	645 008 4058	TERMINAL PLUG
			Y13	645 008 4058	TERMINAL PLUG
			Y14	645 008 4058	TERMINAL PLUG
			Y15	645 008 4058	TERMINAL PLUG
			Z101	610 259 7813	SHIELD CASE- A- F2RC
			Z102	610 259 7820	SHIELD CASE- B- F2RC
<b>MISCELLANEOUS</b>					
A101	645 023 4118	TUNER, U/V			
A1901	SEE TABLE ON PAGE 19.				
△ F601	423 022 2102	FUSE 250V 4. 0A			
F601A	645 000 5077	HOLDER, FUSE			
F601B	645 000 5077	HOLDER, FUSE			
J025	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J130	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J151	401 037 5816	MT- GLAZE 1M JA 1/10W			
J194	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J225	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J226	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J231	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J232	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J233	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J234	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J235	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J236	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J237	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J238	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J239	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J240	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J241	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J242	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J243	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J245	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
J247	401 037 5014	MT- GLAZE 0. 000 ZA 1/10W			
KA	645 005 8592	SOCKET, 10P			
KB	645 005 8592	SOCKET, 10P			
			<b>ASSY,PWB,SIF F2RT 1AA0B10E230BA</b>		
			<b>TRANSISTOR</b>		
			Q3801	405 015 9701	TR 2SC2814- F4- TA
				405 015 9909	TR 2SC2814- F5- TA
			Q3802	405 109 4407	TR BC848- B
				405 015 8704	TR 2SC2812- L6- TA
			<b>INTEGRATED CIRCUIT</b>		
			IC3801	409 290 4307	IC TDA2545A/V4
			IC3811	409 376 6300	IC TDA9821/V1
			<b>CAPACITOR</b>		
			C3802	403 069 9510	CERAMIC CHIP 0. 01Z 50V
			C3803	403 069 9510	CERAMIC CHIP 0. 01Z 50V
			C3804	403 073 9117	CERAMIC 4700P K 50V
			C3805	403 166 8010	MT- POLYEST 0. 33U J 63V
			C3806	403 028 4112	CERAMIC 56P J 50V
			C3807	403 041 8804	ELECT 10U M 50V
			C3808	403 069 9510	CERAMIC CHIP 0. 01Z 50V
			C3811	403 041 8804	ELECT 10U M 50V
			C3812	403 069 9510	CERAMIC CHIP 0. 01Z 50V
			C3813	403 049 9803	ELECT 2. 2U M 50V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C3814	403 049 9803	ELECT 2. 2U M 50V	R1256	401 039 0512	MT-GLAZE 82K JA 1/10W
C3815	403 049 9803	ELECT 2. 2U M 50V	R1257	401 038 6317	MT-GLAZE 470 JA 1/10W
<b>RESISTOR</b>			R1258	401 038 0711	MT-GLAZE 2. 2K JA 1/10W
R3802	401 037 5212	MT-GLAZE 100 JA 1/10W	R1262	401 039 0512	MT-GLAZE 82K JA 1/10W
R3803	401 037 5618	MT-GLAZE 10K JA 1/10W	R1263	401 039 0512	MT-GLAZE 82K JA 1/10W
R3804	401 037 9210	MT-GLAZE 1. 8K JA 1/10W	R1264	401 039 0512	MT-GLAZE 82K JA 1/10W
R3805	401 038 3514	MT-GLAZE 330 JA 1/10W	R1265	401 038 6317	MT-GLAZE 470 JA 1/10W
R3806	401 038 7512	MT-GLAZE 56 JA 1/10W	R1266	401 038 0711	MT-GLAZE 2. 2K JA 1/10W
R3811	401 038 7611	MT-GLAZE 560 JA 1/10W	R3401	401 037 5212	MT-GLAZE 100 JA 1/10W
R3814	401 038 7611	MT-GLAZE 560 JA 1/10W	R3402	401 037 5212	MT-GLAZE 100 JA 1/10W
R3815	401 038 2210	MT-GLAZE 27K JA 1/10W	R3403	401 038 3118	MT-GLAZE 30K JA 1/10W
R3845	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W	R3431	401 037 5212	MT-GLAZE 100 JA 1/10W
R3846	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W	R3432	401 037 5212	MT-GLAZE 100 JA 1/10W
R3848	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W	R3433	401 037 5212	MT-GLAZE 100 JA 1/10W
<b>TRANSFORMER</b>			R3434	401 037 7919	MT-GLAZE 1. 5K JA 1/10W
T3801	610 037 4522	S COIL	R3435	401 037 5212	MT-GLAZE 100 JA 1/10W
<b>MISCELLANEOUS</b>			R3436	401 037 7919	MT-GLAZE 1. 5K JA 1/10W
K38H1	645 033 2159	TERMI NAL 4P B4PS-TB-33	R3477	401 038 0711	MT-GLAZE 2. 2K JA 1/10W
K38H2	645 033 2159	TERMI NAL 4P B4PS-TB-33	R3479	401 038 0711	MT-GLAZE 2. 2K JA 1/10W
X3801	421 006 2902	SAW F OFW G9251	R3481	401 038 0711	MT-GLAZE 2. 2K JA 1/10W
X3811	645 003 2806	CERAMI C FILTER (5. 5C)	R3482	401 038 0711	MT-GLAZE 2. 2K JA 1/10W
X3814	645 006 3022	CERAMI C FILTER (5. 74A)	<b>TRANSFORMER</b>		
<b>ASSY,PWB,AUDIO F2RT 1AA0B10E230BB</b>			T3401	645 015 7943	COIL, FERRITE 2. 5M
<b>TRANSISTOR</b>			<b>COIL</b>		
Q1251	405 109 4407	TR BC848	L3451	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
Q1252	405 109 4407	TR BC848	<b>MISCELLANEOUS</b>		
Q3431	405 109 4407	TR BC848	J1201	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
Q3432	405 109 4407	TR BC848	J1203	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
Q3482	405 109 4407	TR BC848	J1204	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
Q3484	405 109 4407	TR BC848	J3401	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
<b>INTEGRATED CIRCUIT</b>			J3402	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
IC1251	409 009 2501	IC HD14052BP	J3403	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
IC3401	409 371 6206	IC TDA9840/V2	J3405	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
IC3431	409 316 4601	IC TDA8424	J3408	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
<b>CAPACITOR</b>			J3412	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C1251	403 233 0817	ELECT 10U M 50V	J3413	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3401	403 233 0817	ELECT 10U M 50V	J3421	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3402	403 069 5611	CERAMI C 0. 01U K 50V	J3431	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3403	403 068 0419	CERAMI C 0. 1U Z 25V	J3432	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3404	403 310 5018	CERAMI C 3300P G 25V	J3467	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3405	403 233 0312	ELECT 100U M 16V	J3469	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3406	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W	J3470	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3407	403 026 2813	CERAMI C 47P J 50V	J3477	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3408	403 248 2813	ELECT 2. 2U M 50V	J3478	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3409	403 248 2813	ELECT 2. 2U M 50V	J3481	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3411	403 069 5611	CERAMI C 0. 01U K 50V	J3482	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3412	403 069 5611	CERAMI C 0. 01U K 50V	J3493	401 037 5014	MT-GLAZE 0. 000 ZA 1/10W
C3421	403 069 9510	CERAMI C CHIP 0. 01Z 50V	K12A	645 004 2881	PLUG, 2P
C3422	403 233 0817	ELECT 10U M 50V	K12B	645 008 7288	HOUSING PLUG 5P
C3431	403 248 1410	ELECT 1U M 50V	K34A	645 008 3341	PLUG, 10P
C3432	403 233 0312	ELECT 100U M 16V	K34B	645 008 3341	PLUG, 10P
C3433	403 248 1410	ELECT 1U M 50V	T3401	645 015 7943	COIL, FERRITE 2. 5M
C3434	403 068 0419	CERAMI C 0. 1U Z 25V	X3401	645 018 6875	OSC, CRYSTAL 10 MHZ
C3435	403 068 3212	CERAMI C 0. 033U K 25V	<b>ASSY,PWB,CRT F3SS 1AA0B10E48900</b>		
C3436	403 074 7617	CERAMI C 5600P K 50V	<b>TRANSISTOR</b>		
C3437	403 074 7617	CERAMI C 5600P K 50V	Q701	405 041 6507	TR 2SC2621-D-RA
C3438	403 068 3212	CERAMI C 0. 033U K 25V	Q711	405 041 6507	TR 2SC2621-D-RA
C3485	403 179 4501	NP- ELECT 0. 47U M 50V	Q721	405 041 6507	TR 2SC2621-D-RA
C3486	403 179 4501	NP- ELECT 0. 47U M 50V	Q740	406 007 1901	TR JC556A
<b>RESISTOR</b>			Q751	406 007 1901	TR JC556A
R1251	401 038 2111	MT-GLAZE 2. 7K JA 1/10W	<b>CAPACITOR</b>		
R1252	401 038 9219	MT-GLAZE 6. 8K JA 1/10W	C701	403 073 2910	CERAMI C 390P K 50V
R1253	401 039 0512	MT-GLAZE 82K JA 1/10W	C711	403 073 2910	CERAMI C 390P K 50V
R1254	401 039 0512	MT-GLAZE 82K JA 1/10W	C721	403 073 2910	CERAMI C 390P K 50V

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
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C731	403 077 2728	CERAMIC 1000P P 2K
C735	403 055 8401	ELECT 22U M 250V
C751	403 248 1608	ELECT 47U M 16V
<b>RESISTOR</b>		
R701	401 026 3925	CARBON 330 JA 1/6W
R702	401 019 1941	CARBON 3K9 JA 1/4W
R703	401 025 4220	CARBON 1K8 JA 1/6W
△ R704	401 065 4604	OXI DE-MT 12K JA 2W
R705	401 009 6622	CARBON 3.3K JA 1/2W
R711	401 026 3925	CARBON 330 JA 1/6W
R712	401 019 1941	CARBON 3K9 JA 1/4W
R713	401 026 1020	CARBON 2K7 JA 1/6W
△ R714	401 065 4604	OXI DE-MT 12K JA 2W
R715	401 009 6622	CARBON 3.3K JA 1/2W
R721	401 026 3925	CARBON 330 JA 1/6W
R722	401 019 1941	CARBON 3K9 JA 1/4W
R723	401 025 4220	CARBON 1K8 JA 1/6W
△ R724	401 065 4604	OXI DE-MT 12K JA 2W
R725	401 009 6622	CARBON 3.3K JA 1/2W
R727	401 026 9620	CARBON 470 JA 1/6W
R741	401 026 9927	CARBON 4K7 JA 1/6W
R742	401 026 4328	CARBON 3K3 JA 1/6W
R744	401 026 0627	CARBON 270 JA 1/6W
R752	401 024 7430	CARBON 10K JA 1/6W
R753	401 024 7430	CARBON 10K JA 1/6W
<b>VARIABLE RESISTOR</b>		
VR701	645 003 5722	VR, SEMI, 4.7K N
VR702	645 003 5647	VR, SEMI, 1K N
VR711	645 003 5722	VR, SEMI, 4.7K N
VR712	645 003 5647	VR, SEMI, 1K N
VR721	645 003 5722	VR, SEMI, 4.7K N
<b>COIL</b>		
L701	645 007 9856	PEAKING COIL 220UH K
L711	645 007 9856	PEAKING COIL 220UH K
L721	645 007 9856	PEAKING COIL 220UH K
<b>DIODE</b>		
D701	407 012 4416	DIODE 1SS133-T-77
D711	407 012 4416	DIODE 1SS133-T-77
D721	407 012 4416	DIODE 1SS133-T-77
D751	407 012 4416	DIODE 1SS133-T-77
<b>MISCELLANEOUS</b>		
K7M	645 008 4058	TERMINAL PLUG
K7P	645 008 7288	HOUSING PLUG 5P
K7Q	645 008 7264	HOUSING PLUG 3P
△ K701	645 031 7699	CRT SKT. HPS-014103
<b>OUT OF CIRCUIT -013F7WGL</b>		
<b>PICTURE TUBE</b>		
△ Q901	BXXAVB28CPHH-	PHILIPS A66EAK075
<b>COIL</b>		
△ L901	645 037 4210	COIL, DEGAUSSING 28-TOTOKU
<b>MISCELLANEOUS</b>		
SP901	610 232 3986	SPEAKER
SP902	610 232 3986	SPEAKER
△ W901	645 012 7632	EURO PLUG +2P HOUSE @ 2.1
W902	610 204 6090	GROUNDING CONNECTOR-D8ZL

LOCATION			
A1901	A1901A	J016	J017
1AV4U20B14300		N/A	J-LINK
	1AV4U20B20900	J-LINK	N/A

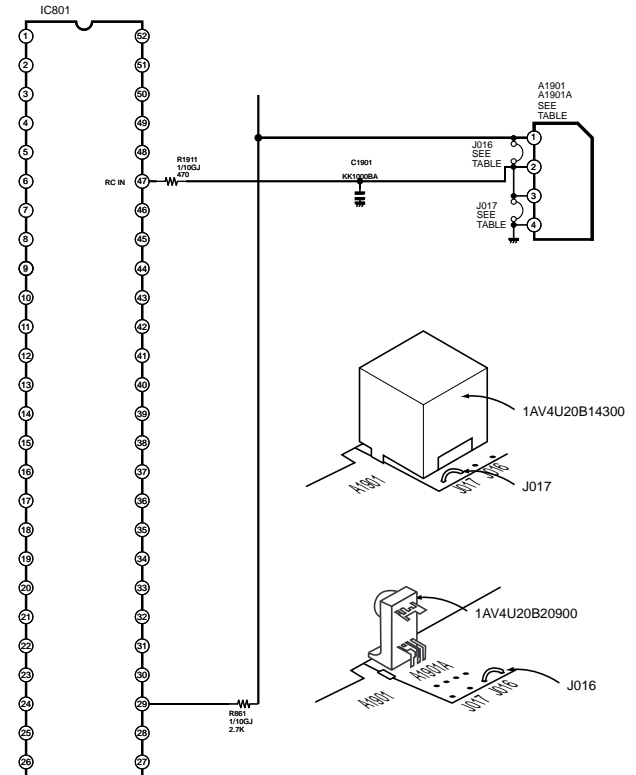


Figure 1.

All information in this manual is correct at the start of production. Sanyo reserves the right to modify components and procedures in order to comply with their continuous improvement policy.



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