



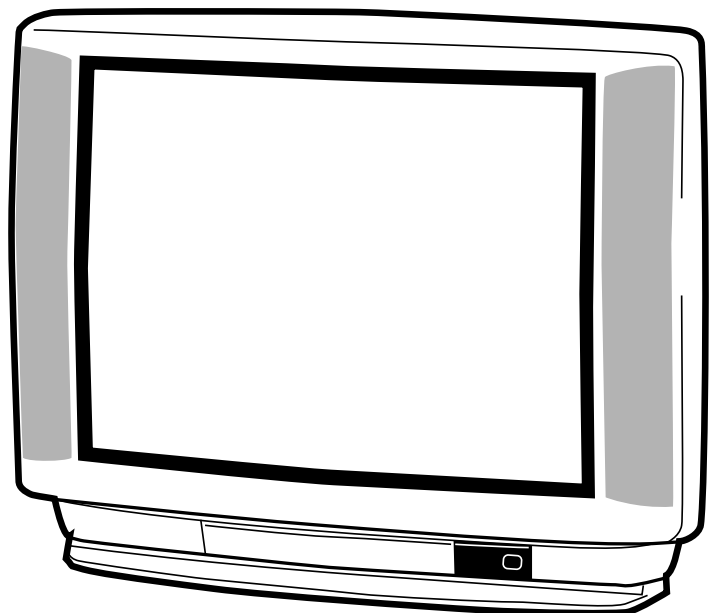
# Colour Television Service Manual

# CE21B4-c

**Model CE21B4-C** (W.Europe)

**Service Ref. No. CE21B4-C-00**

PRODUCT CODE: 111339303  
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.
- 2: Comply with all caution and safety-related notes provided on the cabinet back, inside the cabinet, on the chassis or the picture tube.
- 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.

## 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

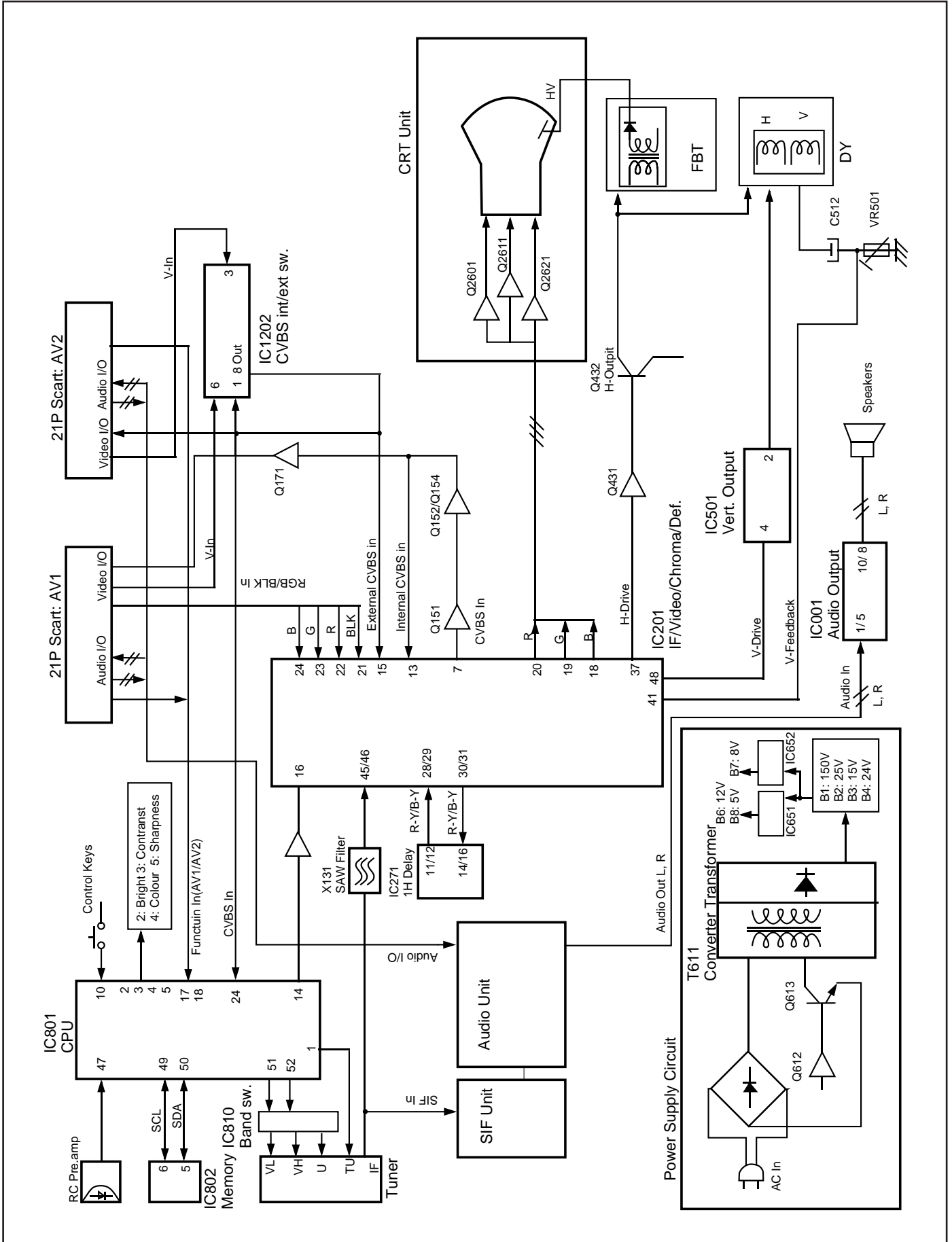
Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by mark  $\Delta$  in the parts list and the schematic diagram designate components in which safety can be of special significance. It is particularly recommended that only parts designated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

## SPECIFICATIONS

Power source	AC 220~240V, 50Hz
Television system	System B/G
Colour system	PAL
Receiving channel	VHF: E2-E12 CATV: X, Y, Z, S1-S41 UHF: #21~69
Aerial input impedance	75ohm
AV terminal	
21 Pin SCART Terminal	AV1:CENELEC standard (S-Video Input) AV2:CENELEC standard
Sound output(Music)	9 watts x 2
Picture tube	59cm diagonal, 90 degree
(Visible picture diagonal)	55cm
Dimensions (WxHxD)	610 x 479 x 485mm
Weight	21 Kg

# BLOCK DIAGRAM

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



# CIRCUIT DESCRIPTION

## 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.

**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 data)

**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)

**Pin25:** Black

**Pin26:** IREF

**Pin27:** Odd/Even output

**Pin28:** GND

**Pin29:** -

**Pin30:** V-deflection stop output

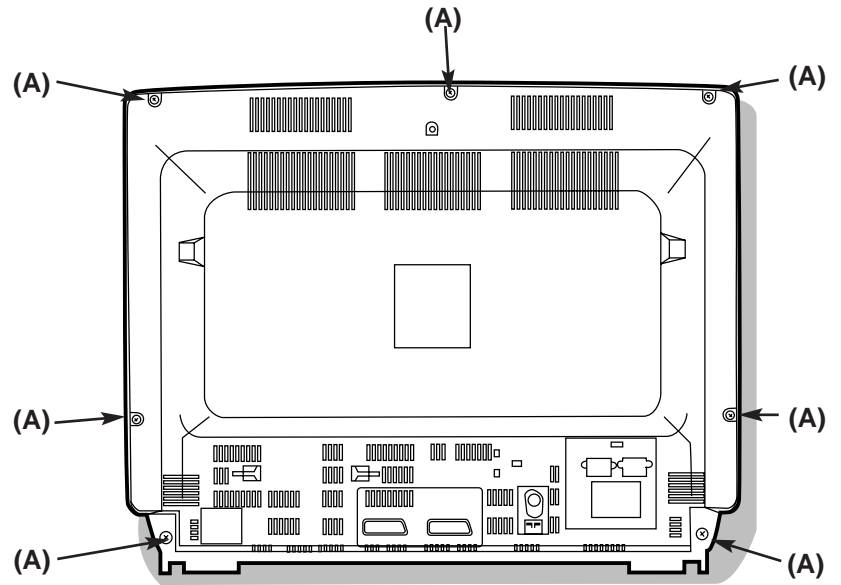
**Pin31:** RGB REF

**Pin32:** Blue output for OSD

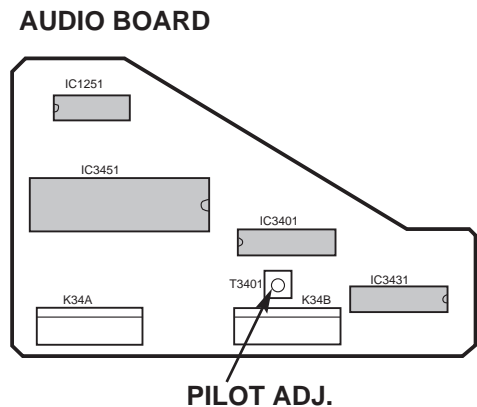
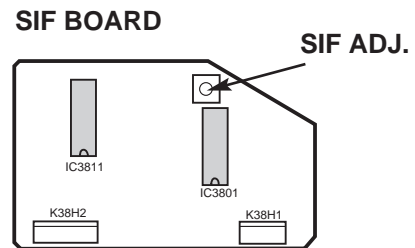
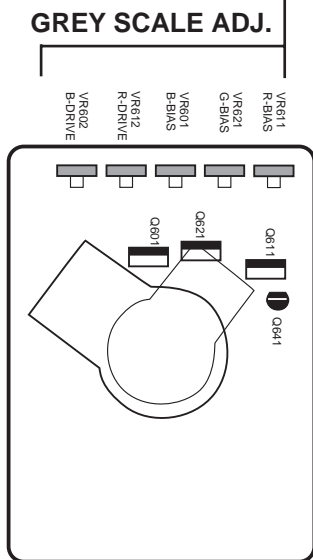
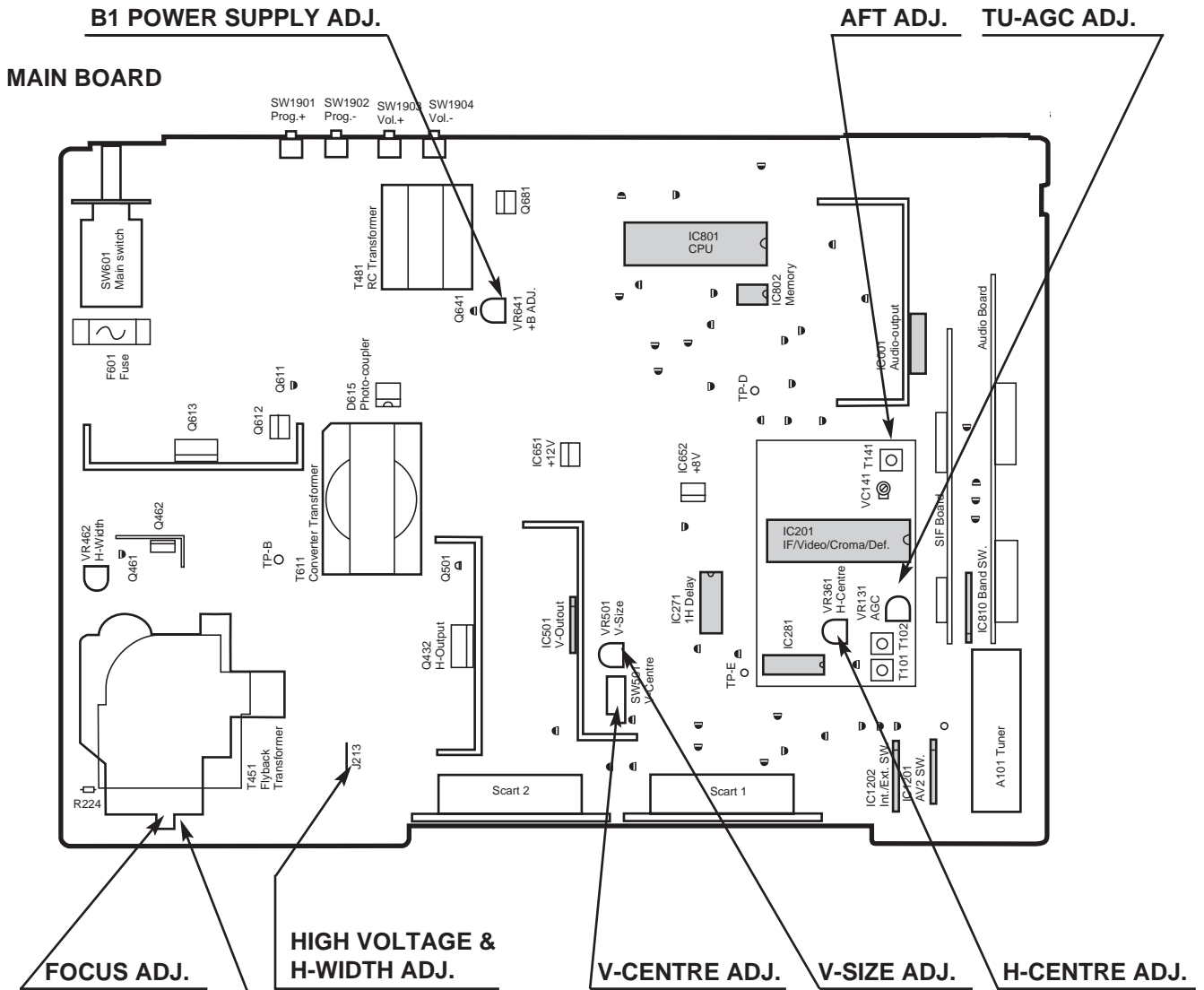
## CABINET DISASSEMBLY

### CABINET BACK DISASSEMBLY

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



# SERVICE CONTROL ADJUSTMENT



## **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  $130 \pm 0.5V$ .

## **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 VR2602 and VR2612 to their mechanical centres.
4. Turn VR2601, VR2611 and VR2621 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 VR2601, VR2611 or VR2621, 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 VR2602 and VR2612, 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  $25.0 \pm 1$  KV at beam current 1.1mA, and less than 28.0 KV at 0 beam current.

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

5. If H-width is too wide or narrow, connect or disconnect a lead wire J213.
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**

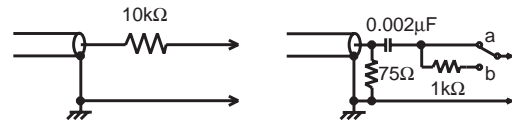
1. Tune the receiver to a circular pattern.
2. Adjust V-size by using VR501.

## **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  Input probe  Marker frequency Sweep ATT 0dB=176mVrms/75	C644 + IC201-pin48 IC201-pin45 (Side b) IC201-pin7  38.9MHz 20dB	By using T141, adjust "P" to be maximum amplitude.	

## SIF alignment

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

## 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	->	+001
K2	: +000	->	-001
ST ID	: +000		
ATT	: +004		
MAX	: -096	->	-050
MIN	: +010	->	-075

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.

<b>ADJUST</b>	<b>DATA</b>
K1	+000
K2	-006
ST ID	+000
ATT	+004
MAX	-050
MIN	-075
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

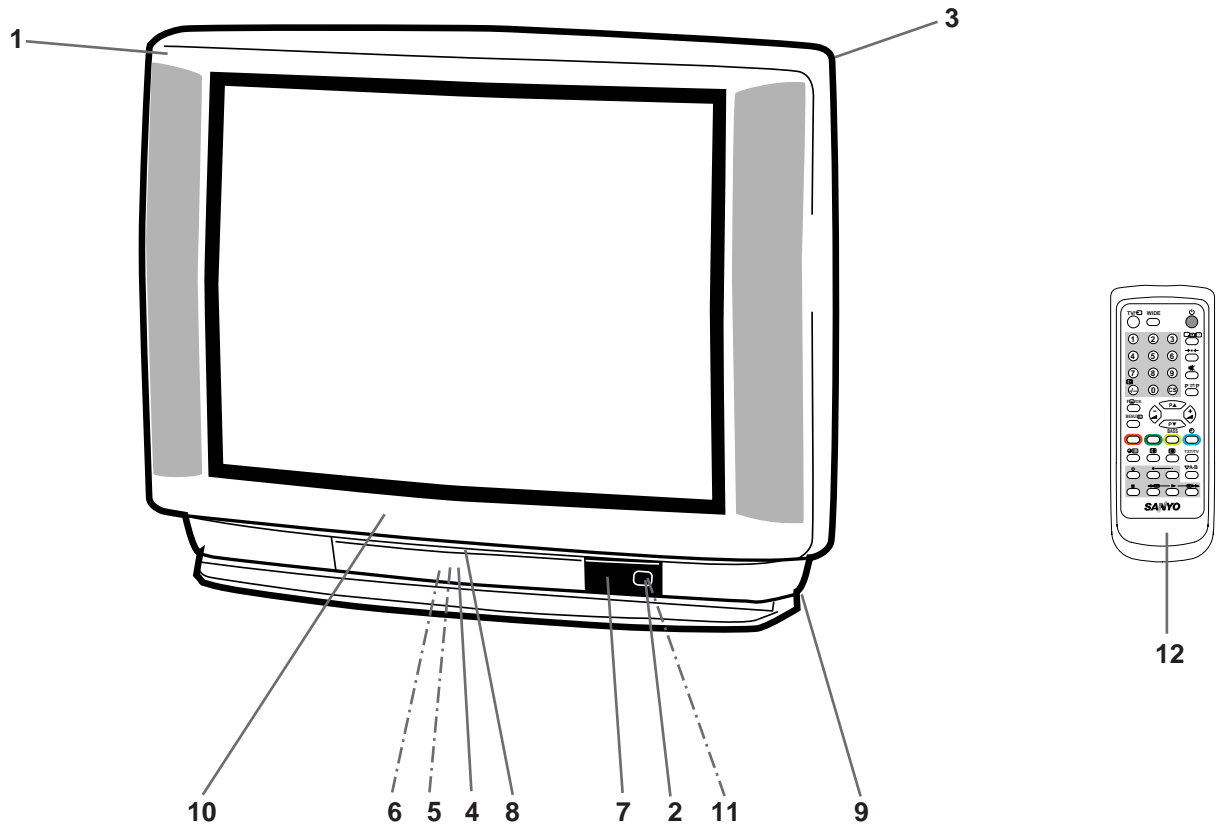
- K1, K2 : For adjustment of stereo separation  
ST ID : Mode setting for A2 stereo judgement  
+000: Fast mode  
+001: Normal mode  
+002: Fast -> normal mode  
ATT : Attenuation of FM sound  
To equalise sound levels between FM and Nicam.  
MAX : Setting of sensitivity for switching Nicam to FM mode  
MIN : Setting of sensitivity for switching FM to Nicam mode.  
SCREEN: For screen adjustment  
To make one horizontal scanning line.

#### **NOTE:**

The items K1, K2, ST ID and ATT are invalid adjustments for a model which does not have an A2 stereo decoder.  
The items MAX and MIN are invalid adjustments for a model which does not have a Nicam decoder.  
These items allow modifications to the set data, but there is no effect in performance.

# CABINET PARTS LIST FOR MODELS CE21B4-C-00

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



Item	Part No.	Description
<b>CABINET PARTS</b>		
1	1AA0CAM0164-H	ASSY,CABINET FR-F7JDV
2	610 261 6057	BUTTON POWER-F3SCM
3	610 272 2192	CABINET BACK A-F3JLV
4	610 286 9668	DOOR-F7JTV
5	610 261 6132	DEC BOARD-F3SCM
6	1AA2DES0271AC	DEC CONTROL SHEET-F3JPV
7	610 272 4417	DEC IND-F4GT
8	645 019 2449	LATCH PUSH,7.9X6.9BK
9	610 253 2449	AC CORD HOLDER-U-D4VA
10	645 023 4316	BADGE,SANYO*46.2X13.5L45
11	610 261 3032	COIL SPRING-E7GCS
<b>ACCESSORIES</b>		
12	JXMKE	RC TRANSMITTER
	SKP10200	INST MANUAL - F7JD (1)
	SKP10201	INST MANUAL - F7JD (2)
	645 027 6927	BATTERY

# CHASSIS ELECTRICAL PARTS LIST

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by a  $\Delta$  mark in this parts list and the circuit diagram show components whose values have special significance to product safety. It is particularly recommended that only parts specified on the following parts list be used for components replacement pointed out by the mark.

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

	Ref. No.	Part No.	Description
<p>Read description in the Capacitor and Resistor as follows:</p> <p><b>CAPACITOR</b>  <b>CERAMIC 100P K 50V</b></p> <p style="margin-left: 40px;">Rated Voltage</p> <p style="margin-left: 40px;">Tolerance Symbols:  <u>Less than 10PF</u>                      A: Not specified B: <math>\pm 0.1PF</math> C: <math>\pm 0.25PF</math>                      D: <math>\pm 0.5PF</math> F: <math>\pm 1PF</math> G: <math>\pm 2PF</math>                      R: <math>\pm 0.25-0PF</math> S: <math>\pm 0-0.25PF</math> E: <math>+0-1PF</math>  <u>More than 10PF</u>                      A: Not specified B: <math>\pm 0.1\%</math> C: <math>\pm 0.25\%</math>                      D: <math>\pm 0.5\%</math> F: <math>\pm 1\%</math> G: <math>\pm 2\%</math>                      H: <math>\pm 3\%</math> J: <math>\pm 5\%</math> K: <math>\pm 10\%</math>                      L: <math>\pm 15\%</math> M: <math>\pm 20\%</math> N: <math>\pm 30\%</math>                      P: <math>+100-0\%</math> Q: <math>+30-10\%</math> T: <math>+50-10\%</math>                      U: <math>+75-10\%</math> V: <math>+20-10\%</math> W: <math>+100-10\%</math>                      X: <math>+40-20\%</math> Y: <math>+150-10\%</math> Z: <math>+80-20\%</math></p> <p style="margin-left: 40px;">Rated value: P=pico farad, U=Micro farad</p> <p>Material:</p> <p>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</p> <p><b>RESISTOR</b>  <b>CARBON 4.7K J A 1/4W</b></p> <p style="margin-left: 40px;">Rated Wattage</p> <p style="margin-left: 40px;">Performance Symbols:                      A: General B: Non flammable Z: Low noise                      Other: Temperature coefficient</p> <p style="margin-left: 40px;">Tolerance Symbols:                      A: <math>\pm 0.05\%</math> B: <math>\pm 0.1\%</math> C: <math>\pm 0.25\%</math> D: <math>\pm 0.5\%</math>                      F: <math>\pm 1\%</math> G: <math>\pm 2\%</math> J: <math>\pm 5\%</math> K: <math>\pm 10\%</math>                      M: <math>\pm 20\%</math> P: <math>+5-15\%</math></p> <p style="margin-left: 40px;">Rated value, ohms:                      K: 1,000, M: 1,000,000</p> <p>Material:</p> <p>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</p>			
<b>Chassis construction CE21B4-C-00</b>			
		<b>ASSY,PWB,MAIN F7JDV</b>	<b>1AA0B10H039C0</b> (Page 12)
		<b>ASSY,PWB,SIF F2RT</b>	<b>1AA0B10E230BA</b> (Page 17)
		<b>ASSY,PWB,AUDIO F2RT</b>	<b>1AA0B10E230BB</b> (Page 18)
		<b>ASSY,PWB,CRT F3SS</b>	<b>1AA0B10H03700</b> (Page 18)
		<b>OUT OF CIRCUIT-F7JDV</b>	(Page 19)
		<b>ASSY,PWB,MAIN F7JDV</b>	<b>1AA0B10H039C0</b>
		<b>TRANSISTOR</b>	
	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	405 013 6801	TR 2SC2274-E
	Q432	405 022 6809	TR 2SD1651-CTV-YB
	Q501	406 007 2106	TR JC546A
	Q611	406 007 1901	TR JC556A
	Q612	405 058 0208	TR 2SC3807-R-CTV-YA
	Q613	405 018 9203	TR 2SC3895-T-CTV-YB
	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
	Q875	406 007 2106	TR JC546A
		<b>INTEGRATED CIRCUIT</b>	
	IC001	409 301 4906	IC TDA7263M
	IC1202	409 120 3401	IC LA7221
	IC201	409 380 8703	IC TDA8361/N5
	IC271	409 404 0201	IC U3665M
	IC501	409 183 5008	IC LA7832

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
IC501-1	610 251 5909	V HEAT SINK E7LC	C138	403 069 9510	CERAMIC CHIP 0.01 Z 50V
IC501-2	411 036 3208	SCR PAN+SW+W 3X10	C141	403 028 4419	CERAMIC 56P J 50V
IC501-3	411 004 4404	NUT HEX 3	C142	403 068 0419	CERAMIC 0.1U Z 25V
IC501-4	610 077 7613	SILICONE GREASE G-746	C143	403 027 1211	CERAMIC 5P J 50V
IC501-5	610 252 0057	WIRE HOLDING HOOK-U-FWA	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 2512	CERAMIC 0.22U 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
			C2002	403 068 0419	CERAMIC 0.1U Z 25V
			C2003	403 068 0419	CERAMIC 0.1U Z 25V
<b>CAPACITOR</b>			C201	403 014 3409	CERAMIC 18P J 50V
C001A	403 068 0419	CERAMIC 0.1U Z 25V	C202	403 237 8057	MT-COMPO 0.1U J 50V
C002	403 070 9813	CHIP CERAMIC 0.015U K 50V	C203	403 073 9117	CERAMIC 4700P K 50V
C003A	403 068 0419	CERAMIC 0.1U Z 25V	C204	403 068 0419	CERAMIC 0.1U Z 25V
C004	403 070 9813	CHIP CERAMIC 0.015U K 50V	C205	403 068 0419	CERAMIC 0.1U Z 25V
C005	403 046 3507	ELECT 33U M 25V	C206	403 068 0419	CERAMIC 0.1U Z 25V
C006	403 046 3507	ELECT 33U M 25V	C207	403 068 0419	CERAMIC 0.1U Z 25V
C007	403 237 7941	MT-COMPO 0.22U J 50V	C208	403 068 0419	CERAMIC 0.1U Z 25V
C008	403 237 7941	MT-COMPO 0.22U J 50V	C209	403 069 1712	CERAMIC 1000P K 50V
C009	403 237 7941	MT-COMPO 0.22U J 50V	C212	403 049 9803	ELECT 2.2U M 50V
C010	403 237 7941	MT-COMPO 0.22U J 50V	C215	403 067 7895	MT-COMPO 0.47 J 50V
C011	403 045 1504	ELECT 1000U M 25V	C222	404 045 6605	NP-ELECT 2.2U M 50V
C012	403 045 1504	ELECT 1000U M 25V	C226	403 138 1602	ELECT 1U M 100V
C015	403 047 3100	ELECT 47U M 25V	C231	403 068 0419	CERAMIC 0.1U Z 25V
C018	403 069 9510	CERAMIC CHIP 0.01 Z 50V	C232	403 014 9213	CERAMIC 180P J 50V
C021	403 154 1907	ELECT 1000U M 35V	C233	403 068 0419	CERAMIC 0.1U Z 25V
C100	403 248 1618	ELECT 47U M 16V	C234	403 013 3004	CERAMIC 150P J 50V
C1001	403 069 1712	CERAMIC 1000P K 50V	C235	403 008 7416	CERAMIC 10P D 50V
C1002	403 049 4204	ELECT 10U M 50V	C271	403 069 1712	CERAMIC 1000P K 50V
C1003	403 009 5718	CERAMIC 100P J 50V	C272	403 069 1712	CERAMIC 1000P K 50V
C1004	403 130 3119	CERAMIC 0.047U K 50V	C273	403 069 9510	CERAMIC CHIP 0.01 Z 50V
C1005	403 069 1712	CERAMIC 1000P K 50V	C274	403 049 4204	ELECT 10U M 50V
C1006	403 049 4204	ELECT 10U M 50V	C351	403 237 8057	MT-COMPO 0.1U J 50V
C1007	403 009 5718	CERAMIC 100P J 50V	C352	403 179 1015	POLYESTER 0.047U J 50V
C1008	403 130 3119	CERAMIC 0.047U K 50V	C353	403 073 9117	CERAMIC 4700P K 50V
C1009	403 049 4204	ELECT 10U M 50V	C354	403 049 0008	ELECT 1U M 50V
C101	403 194 4609	ELECT 470U M 16V	C361	403 072 5615	CERAMIC 2700P K 50V
C102	403 248 1618	ELECT 47U M 16V	C362	403 069 9510	CERAMIC CHIP 0.01 Z 50V
C1021	403 069 1712	CERAMIC 1000P K 50V	C363	403 195 8804	ELECT 100U M 16V
C1022	403 049 4204	ELECT 10U M 50V	△ C421	404 064 4200	MT-POLYPRO 8200P J 1.5K
C1023	403 009 5718	CERAMIC 100P J 50V	C425	403 165 7321	CERAMIC 330P K 3K
C1024	403 041 9405	ELECT 10U M 16V	C430	403 075 7101	CERAMIC 1000P K 500V
C1025	403 069 1712	CERAMIC 1000P K 50V	C432	403 075 7101	CERAMIC 1000P K 500V
C1026	403 049 4204	ELECT 10U M 50V	C433	403 076 3102	CERAMIC 3900P K 500V
C1027	403 009 5718	CERAMIC 100P J 50V	C434	403 229 1217	ELECT 47U M 35V
C1028	403 041 9405	ELECT 10U M 16V	C437	403 066 6106	MT-POLYEST 0.47U J 250V
C1029	403 049 4204	ELECT 10U M 50V	C438	403 178 9319	POLYESTER 0.01U J 50V
C103A	403 069 1712	CERAMIC 1000P K 50V	C441	403 216 7601	POLYPRO 0.36U J 200V
C1031	403 014 9213	CERAMIC 180P J 50V	C445	403 049 4204	ELECT 10U M 50V
C104	403 248 1618	ELECT 47U M 16V	C481	403 076 1405	CERAMIC 2700P K 500V
C1041	403 049 4204	ELECT 10U M 50V	C482	403 159 7409	MT-POLYEST 0.1U K 250V
C106	403 049 0008	ELECT 1U M 50V	C501	403 054 1502	ELECT 470U M 35V
C106B	403 069 9510	CERAMIC CHIP 0.01 Z 50V	C502	403 053 2104	ELECT 220U M 35V
C107B	403 069 9510	CERAMIC CHIP 0.01 Z 50V	C503	403 024 2112	CERAMIC 39P J 50V
C108	403 027 1211	CERAMIC 5P J 50V	C504	403 069 9510	CERAMIC CHIP 0.01 Z 50V
C109	403 027 1211	CERAMIC 5P J 50V	C505	403 075 7101	CERAMIC 1000P K 500V
C110	403 033 4510	CERAMIC 82P J 50V	C506	403 183 7901	MT-POLYEST 0.1U K 100V
C114	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	C511	403 188 1201	MT-POLYEST 0.15U K 100V
C117	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	C512	403 190 4702	ELECT 1000U M 25V
C1201	403 049 4204	ELECT 10U M 50V	C513	403 049 4204	ELECT 10U M 50V
C1203	403 069 8305	CERAMIC 0.01U Z 50V	C514	403 049 4204	ELECT 10U M 50V
C1205	403 009 5718	CERAMIC 100P J 50V	C600	403 076 4000	CERAMIC 4700P K 500V
C121	403 068 0419	CERAMIC 0.1U Z 25V	△ C601	404 060 7205	MT-POLYEST 0.1U M 250V
C131	401 037 5014	MT-GLAZE 0.000ZA 1/10W	△ C602	404 060 7205	MT-POLYEST 0.1U M 250V
C132	403 069 1712	CERAMIC 1000P K 50V	C603	403 076 6727	CERAMIC DE0607-486B102K1K
C133	403 069 9510	CERAMIC CHIP 0.01 Z 50V	C604	403 076 6727	CERAMIC DE0607-486B102K1K
C134	403 050 6600	ELECT 3.3U M 50V	C605	403 076 6727	CERAMIC DE0607-486B102K1K
C135	403 068 0419	CERAMIC 0.1U Z 25V			
C136	403 194 4609	ELECT 470U M 16V			
C137	403 068 0419	CERAMIC 0.1U Z 25V			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
C606	403 076 6727	CERAMIC DE0607-486B102K1K	R1007	401 038 3712	MT-GLAZE 33K JA 1/10W
C607	404 047 1707	ELECT 220U M 400V	R1008	401 027 6628	CARBON 75 JA 1/6W
C613	403 179 1213	POLYESTER 4700P J 50V	R1009	401 027 6628	CARBON 75 JA 1/6W
C614	403 237 8057	MT-COMPO 0.1U J 50V	R101	401 038 6218	MT-GLAZE 47 JA 1/10W
C615	403 179 3217	POLYESTER 0.015U J 50V	R1010	401 027 6628	CARBON 75 JA 1/6W
C616	403 165 8427	CERAMIC 680P K 2K	R1011	401 037 5212	MT-GLAZE 100 JA 1/10W
C617	403 179 1718	POLYESTER 0.033U J 50V	R1012	401 027 6628	CARBON 75 JA 1/6W
△ C631	404 073 4505	CERAMIC DE1210-1 E 222M	R1013	401 012 4543	CARBON 100 JA 1/4W
△ C632	404 073 5106	CER 470P M KX 250V	R1014	401 027 6628	CARBON 75 JA 1/6W
C640	403 069 8305	CERAMIC 0.01U Z 50V	R1015	401 038 6416	MT-GLAZE 4.7K JA 1/10W
C641	403 165 9335	CERAMIC 680P K 1K	R1016	401 019 1040	CARBON 390 JA 1/4W
C642A	404 055 9801	ELECT 220U M 200V	R1017	401 024 7430	CARBON 10K JA 1/6W
C643	403 148 2002	ELECT 470U M 35V	R1018	401 038 3514	MT-GLAZE 330 JA 1/10W
C644	403 148 0701	ELECT 2200U M 25V	R1021	401 038 7611	MT-GLAZE 560 JA 1/10W
C645	403 158 1309	ELECT 2200U M 35V	R1022	401 038 0711	MT-GLAZE 2.2K JA 1/10W
C647	403 069 9510	CERAMIC CHIP 0.01 Z 50V	R1023	401 038 7611	MT-GLAZE 560 JA 1/10W
C651	403 148 0305	ELECT 470U M 16V	R1024	401 038 0711	MT-GLAZE 2.2K JA 1/10W
C652	403 069 9510	CERAMIC CHIP 0.01 Z 50V	R1025	401 038 5310	MT-GLAZE 39K JA 1/10W
C653	403 248 1618	ELECT 47U M 16V	R1026	401 038 3712	MT-GLAZE 33K JA 1/10W
C655	403 126 4400	ELECT 100U M 10V	R1027	401 027 6628	CARBON 75 JA 1/6W
C661	403 051 0607	ELECT 4.7U M 50V	R1028	401 027 6628	CARBON 75 JA 1/6W
C681	403 190 4702	ELECT 1000U M 25V	R1029	401 014 2933	CARBON 150 JA 1/4W
C682	403 069 9510	CERAMIC CHIP 0.01 Z 50V	R1031	401 038 0612	MT-GLAZE 220 JA 1/10W
C683	403 147 9606	ELECT 1000U M 10V	R1032	401 038 0612	MT-GLAZE 220 JA 1/10W
C684	403 050 6600	ELECT 3.3U M 50V	R1033	401 038 0612	MT-GLAZE 220 JA 1/10W
C802	403 237 8057	MT-COMPO 0.1U J 50V	R1041	401 038 2210	MT-GLAZE 27K JA 1/10W
C812	403 049 0008	ELECT 1U M 50V	R1042	401 037 5618	MT-GLAZE 10K JA 1/10W
C814	403 049 0008	ELECT 1U M 50V	R1043	401 039 0314	MT-GLAZE 820 JA 1/10W
C816	403 051 0607	ELECT 4.7U M 50V	R1044	401 039 0314	MT-GLAZE 820 JA 1/10W
C818	403 051 0607	ELECT 4.7U M 50V	R1045	401 037 5410	MT-GLAZE 1K JA 1/10W
C841	403 069 9510	CERAMIC CHIP 0.01 Z 50V	R1046	401 038 0711	MT-GLAZE 2.2K JA 1/10W
C860	403 022 8215	CERAMIC 33P J 50V	R1047	401 037 6714	MT-GLAZE 1.2K JA 1/10W
C861	403 179 1213	POLYESTER 4700P J 50V	R1051	401 037 8114	MT-GLAZE 150K JA 1/10W
C871	403 068 0419	CERAMIC 0.1U Z 25V	R1052	401 037 5717	MT-GLAZE 100K JA 1/10W
C872	403 248 1618	ELECT 47U M 16V	R1053	401 037 6714	MT-GLAZE 1.2K JA 1/10W
C873	403 018 0503	CERAMIC 22P J 50V	R1054	401 037 8114	MT-GLAZE 150K JA 1/10W
C874	403 018 0503	CERAMIC 22P J 50V	R1055	401 037 5717	MT-GLAZE 100K JA 1/10W
C875	403 068 0419	CERAMIC 0.1U Z 25V	R1056	401 037 6714	MT-GLAZE 1.2K JA 1/10W
C878	403 073 9117	CERAMIC 4700P K 50V	R108	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C879	403 068 0419	CERAMIC 0.1U Z 25V	R110	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C881	403 069 9510	CERAMIC CHIP 0.01 Z 50V	R1200	401 022 1935	CARBON 680 JA 1/4W
C882	403 049 4204	ELECT 10U M 50V	R1201	401 038 6515	MT-GLAZE 47K JA 1/10W
C883	403 018 0503	CERAMIC 22P J 50V	R1203	401 037 5618	MT-GLAZE 10K JA 1/10W
C884	403 018 0503	CERAMIC 22P J 50V	R1204	401 038 2210	MT-GLAZE 27K JA 1/10W
C892	403 069 9510	CERAMIC CHIP 0.01 Z 50V	R1205	401 038 2210	MT-GLAZE 27K JA 1/10W
			R1206	401 038 6515	MT-GLAZE 47K JA 1/10W
<b>RESISTOR</b>			R1207	401 012 7049	CARBON 10K JA 1/4W
R001	401 037 5410	MT-GLAZE 1K JA 1/10W	R121	401 020 2944	CARBON 47K JA 1/4W
R002	401 037 9210	MT-GLAZE 1.8K JA 1/10W	R133	401 037 9111	MT-GLAZE 180 JA 1/10W
R003	401 037 5410	MT-GLAZE 1K JA 1/10W	R134	401 039 0413	MT-GLAZE 8.2K JA 1/10W
R004	401 037 9210	MT-GLAZE 1.8K JA 1/10W	R135	401 038 0810	MT-GLAZE 22K JA 1/10W
R005	401 019 9640	CARBON 47 JA 1/4W	R137	401 037 5212	MT-GLAZE 100 JA 1/10W
R006	401 014 4145	CARBON 1K5 JA 1/4W	R138	401 038 7710	MT-GLAZE 5.6K JA 1/10W
R007	401 019 9640	CARBON 47 JA 1/4W	R141	401 038 9219	MT-GLAZE 6.8K JA 1/10W
R008	401 014 4145	CARBON 1K5 JA 1/4W	R150	401 024 7024	CARBON 1K JA 1/6W
R009	401 010 1514	CARBON 4.7 JA 1/2W	R151	401 022 1935	CARBON 680 JA 1/4W
R010	401 010 1514	CARBON 4.7 JA 1/2W	R152	401 025 3827	CARBON 180 JA 1/6W
R013	401 037 6714	MT-GLAZE 1.2K JA 1/10W	R153	401 037 5410	MT-GLAZE 1K JA 1/10W
R014	401 016 2644	CARBON 220 JA 1/4W	R154	401 038 7611	MT-GLAZE 560 JA 1/10W
R015	401 037 5410	MT-GLAZE 1K JA 1/10W	R155	401 037 5410	MT-GLAZE 1K JA 1/10W
R016	401 038 6515	MT-GLAZE 47K JA 1/10W	R156	401 037 5410	MT-GLAZE 1K JA 1/10W
R017	401 037 5618	MT-GLAZE 10K JA 1/10W	R157	401 039 0918	MT-GLAZE 910 JA 1/10W
R100	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	R158	401 037 5410	MT-GLAZE 1K JA 1/10W
R1001	401 038 7611	MT-GLAZE 560 JA 1/10W	R159	401 022 1935	CARBON 680 JA 1/4W
R1002	401 038 0711	MT-GLAZE 2.2K JA 1/10W	R163	401 038 6515	MT-GLAZE 47K JA 1/10W
R1003	401 038 7611	MT-GLAZE 560 JA 1/10W	R171	401 038 6317	MT-GLAZE 470 JA 1/10W
R1004	401 038 0711	MT-GLAZE 2.2K JA 1/10W	R172	401 016 2644	CARBON 220 JA 1/4W
R1005	401 027 6628	CARBON 75 JA 1/6W	R173	401 025 7429	CARBON 220 JA 1/6W
R1006	401 038 5310	MT-GLAZE 39K JA 1/10W	R1900	401 038 7819	MT-GLAZE 56K JA 1/10W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R1901	401 037 8015	MT-GLAZE 15K JA 1/10W	R508	401 025 7825	CARBON 2K2 JA 1/6W
R1901A	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	△ R509	401 057 7507	OXIDE-MT 0.82 JA 1W
R1902	401 039 0413	MT-GLAZE 8.2K JA 1/10W	△ R511	401 060 7402	OXIDE-MT 270 JA 1W
R1902A	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	△ R513	401 059 3903	OXIDE-MT 1.5K JA 1W
R1903	401 038 6416	MT-GLAZE 4.7K JA 1/10W	△ R602	402 072 4403	WIRE WOUND 3.9 KA 7W
R1903A	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	R611	401 027 2620	CARBON 5K6 JA 1/6W
R1904	401 038 2111	MT-GLAZE 2.7K JA 1/10W	R615	401 025 8228	CARBON 22K JA 1/6W
R1905	401 038 0711	MT-GLAZE 2.2K JA 1/10W	R617	401 024 9325	CARBON 1K2 JA 1/6W
R1906	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	R619	401 016 1538	CARBON 22 JA 1/4W
R1907	401 037 5618	MT-GLAZE 10K JA 1/10W	R620	401 007 5815	CARBON 120K JA 1/2W
R1908	401 038 3514	MT-GLAZE 330 JA 1/10W	R621	401 007 5815	CARBON 120K JA 1/2W
R1909	401 037 7919	MT-GLAZE 1.5K JA 1/10W	R622	401 014 5241	CARBON 15K JA 1/4W
R1911	401 038 6317	MT-GLAZE 470 JA 1/10W	R623	401 025 7825	CARBON 2K2 JA 1/6W
R1921	401 037 6615	MT-GLAZE 120 JA 1/10W	△ R624	401 068 6902	OXIDE-MT 56 JA 2W
R1922	401 038 5013	MT-GLAZE 390 JA 1/10W	△ R625	401 067 8204	OXIDE-MT 39 JA 2W
R1924	401 022 3147	CARBON 6K8 JA 1/4W	R626	401 016 3344	CARBON 2.2K GA 1/4W
R2001	401 038 2210	MT-GLAZE 27K JA 1/10W	△ R631	402 000 8602	SOLID 5.6M KA 1/2W
R2002	401 037 5618	MT-GLAZE 10K JA 1/10W	△ R632	402 000 8602	SOLID 5.6M KA 1/2W
R2004	401 037 7810	MT-GLAZE 150 JA 1/10W	△ R641	401 012 8145	CARBON 100K JA 1/4W
R2005	401 013 6447	CARBON 12K JA 1/4W	R642	401 026 9927	CARBON 4K7 JA 1/6W
R201	401 039 0413	MT-GLAZE 8.2K JA 1/10W	R643	401 014 6149	CARBON 150K JA 1/4W
R202	401 037 5717	MT-GLAZE 100K JA 1/10W	R644	401 010 4317	CARBON 47K JA 1/2W
R203	401 024 6720	CARBON 100 JA 1/6W	R645	401 025 8228	CARBON 22K JA 1/6W
R204	401 024 6720	CARBON 100 JA 1/6W	△ R646	402 067 3305	WIRE WOUND 4.7 KA 5W
R205	401 024 6720	CARBON 100 JA 1/6W	△ R652	401 065 1801	OXIDE-MT 12 JA 2W
R206	401 037 5212	MT-GLAZE 100 JA 1/10W	△ R653	401 067 8204	OXIDE-MT 39 JA 2W
R207	401 037 5212	MT-GLAZE 100 JA 1/10W	△ R655	401 067 4206	OXIDE-MT 33 JA 2W
R208	401 037 5212	MT-GLAZE 100 JA 1/10W	R656	401 026 9620	CARBON 470 JA 1/6W
R212	401 017 1844	CARBON 2K7 JA 1/4W	△ R661	401 068 4700	OXIDE-MT 4.7K JA 2W
R213	401 038 7710	MT-GLAZE 5.6K JA 1/10W	△ R662	401 068 0207	OXIDE-MT 3.9K JA 2W
R214	401 037 5212	MT-GLAZE 100 JA 1/10W	R681	401 008 1628	CARBON 1K8 JA 1/2W
R215	401 038 3712	MT-GLAZE 33K JA 1/10W	△ R682	401 069 1708	OXIDE-MT 68 JA 2W
R216	401 016 4836	CARBON 22K JA 1/4W	R684	401 023 2842	CARBON 8K2 JA 1/4W
R217	401 016 4836	CARBON 22K JA 1/4W	R685	401 025 8228	CARBON 22K JA 1/6W
R218	401 038 7819	MT-GLAZE 56K JA 1/10W	R800	401 016 3849	CARBON 2.2K JA 1/4W
R223	401 014 6149	CARBON 150K JA 1/4W	R801	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
R224	401 024 7024	CARBON 1K JA 1/6W	R802	401 038 0711	MT-GLAZE 2.2K JA 1/10W
R226	401 026 7428	CARBON 39K JA 1/6W	R803	401 037 9418	MT-GLAZE 180K JA 1/10W
R227	401 012 7049	CARBON 10K JA 1/4W	R804	401 024 7430	CARBON 10K JA 1/6W
R231	401 037 7810	MT-GLAZE 150 JA 1/10W	R806	401 024 7430	CARBON 10K JA 1/6W
R232	401 037 7810	MT-GLAZE 150 JA 1/10W	R807	401 024 7430	CARBON 10K JA 1/6W
R271	401 024 6720	CARBON 100 JA 1/6W	R808	401 019 1941	CARBON 3K9 JA 1/4W
R272	401 024 9028	CARBON 120 JA 1/6W	R811	401 016 3849	CARBON 2.2K JA 1/4W
R351	401 037 5212	MT-GLAZE 100 JA 1/10W	R812	401 038 5112	MT-GLAZE 3.9K JA 1/10W
R353	401 038 0919	MT-GLAZE 220K JA 1/10W	R813	401 018 4933	CARBON 33K JA 1/4W
R356	401 037 5212	MT-GLAZE 100 JA 1/10W	R815	401 012 4543	CARBON 100 JA 1/4W
R357	401 037 5618	MT-GLAZE 10K JA 1/10W	R816	401 037 5618	MT-GLAZE 10K JA 1/10W
R361	401 038 5419	MT-GLAZE 390K JA 1/10W	R817A	401 039 0413	MT-GLAZE 8.2K JA 1/10W
R363	401 038 0810	MT-GLAZE 22K JA 1/10W	R818	401 038 9318	MT-GLAZE 68K JA 1/10W
R364	401 037 5212	MT-GLAZE 100 JA 1/10W	R819	401 016 3849	CARBON 2.2K JA 1/4W
R365	401 038 6416	MT-GLAZE 4.7K JA 1/10W	R820	401 037 5618	MT-GLAZE 10K JA 1/10W
R431	401 038 3514	MT-GLAZE 330 JA 1/10W	R821	401 038 0810	MT-GLAZE 22K JA 1/10W
R432	401 038 3514	MT-GLAZE 330 JA 1/10W	R822	401 038 6515	MT-GLAZE 47K JA 1/10W
R433	401 010 3132	CARBON 470 JA 1/2W	R823	401 025 7825	CARBON 2K2 JA 1/6W
△ R434	401 067 9201	OXIDE-MT 390 JA 2W	R824	401 038 5112	MT-GLAZE 3.9K JA 1/10W
△ R435A	402 076 0609	WIRE WOUND 8.2 KA 7W	R825	401 038 3613	MT-GLAZE 3.3K JA 1/10W
R436	401 014 5241	CARBON 15K JA 1/4W	R838	401 037 8015	MT-GLAZE 15K JA 1/10W
△ R441	401 058 3706	OXIDE-MT 1K JA 1W	R839	401 018 4933	CARBON 33K JA 1/4W
R447	401 026 9927	CARBON 4K7 JA 1/6W	R840	401 020 0841	CARBON 470 JA 1/4W
R448	401 009 5843	CARBON 330 JA 1/2W	R841	401 038 0810	MT-GLAZE 22K JA 1/10W
△ R451	401 064 5701	OXIDE-MT 1.8 JA 2W	R842	401 020 2053	CARBON 4.7K JA 1/4W
R481	401 015 4738	CARBON 180K JA 1/4W	R843	401 037 5618	MT-GLAZE 10K JA 1/10W
R482	401 027 2620	CARBON 5K6 JA 1/6W	R844	401 038 5112	MT-GLAZE 3.9K JA 1/10W
R501	401 020 2053	CARBON 4.7K JA 1/4W	R845	401 037 5618	MT-GLAZE 10K JA 1/10W
△ R502	402 002 2004	FUSIBLE RES 4.7 J- 1/2W	R846	401 038 6416	MT-GLAZE 4.7K JA 1/10W
R504	401 027 3023	CARBON 56K JA 1/6W	R847	401 037 5618	MT-GLAZE 10K JA 1/10W
R505	401 024 7430	CARBON 10K JA 1/6W	R848	401 038 6416	MT-GLAZE 4.7K JA 1/10W
R506	401 025 1625	CARBON 1K5 JA 1/6W	R851	401 037 5410	MT-GLAZE 1K JA 1/10W
R507	401 025 3827	CARBON 180 JA 1/6W	R852	401 037 5410	MT-GLAZE 1K JA 1/10W
			R853	401 038 0810	MT-GLAZE 22K JA 1/10W
			R861	401 038 2111	MT-GLAZE 2.7K JA 1/10W
			R862	401 038 0810	MT-GLAZE 22K JA 1/10W
			R863	401 038 0810	MT-GLAZE 22K JA 1/10W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
R864	401 039 0314	MT-GLAZE 820 JA 1/10W	L441A	610 000 0605	LINEARITY COIL
R865	401 038 0711	MT-GLAZE 2.2K JA 1/10W	L442	610 000 0278	COIL
R866	401 038 0711	MT-GLAZE 2.2K JA 1/10W	L501	645 008 5642	INDUCTOR,3.3U K
R867	401 038 0711	MT-GLAZE 2.2K JA 1/10W	L601	645 012 3337	LINE FILTER
R868	401 037 6714	MT-GLAZE 1.2K JA 1/10W	L607	610 237 1000	PIPE CORE
R869	401 038 2210	MT-GLAZE 27K JA 1/10W	L608	610 237 1000	PIPE CORE
R870A	401 016 4836	CARBON 22K JA 1/4W	L641	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R871	401 038 6416	MT-GLAZE 4.7K JA 1/10W	L642	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R872	401 038 3712	MT-GLAZE 33K JA 1/10W	L643	645 033 2722	BEAD CORE TAIYO YUDEN 52M
R873	401 038 6416	MT-GLAZE 4.7K JA 1/10W	L871	645 008 2962	PEAKING COIL 5.6UH K
R874	401 037 5618	MT-GLAZE 10K JA 1/10W	L881	645 012 8707	PEAKING COIL 1.5UH M
R875	401 038 7710	MT-GLAZE 5.6K JA 1/10W			
R876	401 037 5618	MT-GLAZE 10K JA 1/10W			
R877	401 039 0413	MT-GLAZE 8.2K JA 1/10W			
R878	401 037 7919	MT-GLAZE 1.5K JA 1/10W			
R879	401 037 5618	MT-GLAZE 10K JA 1/10W			
R880	401 038 6515	MT-GLAZE 47K JA 1/10W			
R884	401 037 7810	MT-GLAZE 150 JA 1/10W			
R885	401 038 5112	MT-GLAZE 3.9K JA 1/10W			
R886	401 037 7810	MT-GLAZE 150 JA 1/10W			
R887	401 038 5112	MT-GLAZE 3.9K JA 1/10W			
R888	401 037 5212	MT-GLAZE 100 JA 1/10W			
R889	401 037 5212	MT-GLAZE 100 JA 1/10W			
R891	401 038 6416	MT-GLAZE 4.7K JA 1/10W			
R892	401 038 6416	MT-GLAZE 4.7K JA 1/10W			
R893	401 037 5410	MT-GLAZE 1K JA 1/10W			
R894	401 037 5410	MT-GLAZE 1K JA 1/10W			
R895	401 037 6714	MT-GLAZE 1.2K JA 1/10W			
R896	401 038 6515	MT-GLAZE 47K JA 1/10W			
R897	401 012 5748	CARBON 1K JA 1/4W			
R898	401 012 5748	CARBON 1K JA 1/4W			
<b>VARIABLE RESISTOR</b>					
VR131	645 003 5531	VR 10K ALPS			
VR361	645 003 5531	VR 10K ALPS			
VR501	645 006 5231	VR 100 ALPS			
VR641	645 003 5579	VR 2.2K ALPS			
<b>TRANSFORMER</b>					
T101	610 037 4508	S COIL			
T141	610 037 4522	S COIL			
T431	610 000 1053	DRIVE TRANS			
△ T451	645 035 5295	TRANS,FLYBACK			
△ T611	645 015 7646	TRANS,POWER,PULSE			
△ T681	610 033 3758	POWER TRANS			
<b>COIL</b>					
L1002	645 033 2722	BEAD CORE TAIYO YUDEN 52M			
L1003	645 001 4550	PEAKING COIL 10UH K			
L1004	645 001 4550	PEAKING COIL 10UH K			
L1005	645 001 4550	PEAKING COIL 10UH K			
L1006	645 001 4550	PEAKING COIL 10UH K			
L101	645 001 4710	PEAKING COIL 10UH J			
L102	645 001 5656	PEAKING COIL 4.7UH K			
L1022	645 033 2722	BEAD CORE TAIYO YUDEN 52M			
L1023	645 001 4550	PEAKING COIL 10UH K			
L1024	645 001 4550	PEAKING COIL 10UH K			
L1025	645 001 4550	PEAKING COIL 10UH K			
L1026	645 001 4550	PEAKING COIL 10UH K			
L1027	645 001 5656	PEAKING COIL 4.7UH K			
L141	645 001 4550	PEAKING COIL 10UH K			
L151	645 002 1534	PEAKING COIL 8.2UH K			
L152	645 002 1459	PEAKING COIL			
L201	645 001 4710	PEAKING COIL 10UH J			
L202	645 001 4710	PEAKING COIL 10UH J			
L203	645 001 4710	PEAKING COIL 10UH J			
L231	645 001 5656	PEAKING COIL 4.7UH K			
L232	645 003 8518	PEAKING COIL			
L431	645 008 5628	INDUCTOR,1U M			
L432	645 033 2722	BEAD CORE TAIYO YUDEN 52M			
			<b>DIODE</b>		
			D1005	407 063 8319	ZENER DIODE MTZJ11C
			D1007	407 063 8319	ZENER DIODE MTZJ11C
			D1008	407 063 8319	ZENER DIODE MTZJ11C
			D1010	407 063 8319	ZENER DIODE MTZJ11C
			D1011	407 063 8319	ZENER DIODE MTZJ11C
			D1021	407 063 8319	ZENER DIODE MTZJ11C
			D1022	407 063 8319	ZENER DIODE MTZJ11C
			D1023	407 063 8319	ZENER DIODE MTZJ11C
			D1024	407 063 8319	ZENER DIODE MTZJ11C
			D1026	407 063 8319	ZENER DIODE MTZJ11C
			D1027	407 063 8319	ZENER DIODE MTZJ11C
			D1201	407 053 6803	ZENER DIODE MTZ5.6C
			D135	407 063 8319	ZENER DIODE MTZJ11C
			D1901-1	610 269 4697	HOLDER LED A-E7GC
			D1901A	407 120 9706	LED LN28RPL
			D1903	407 063 8319	ZENER DIODE MTZJ11C
			D1905	407 012 4416	DIODE 1SS133-T-77
			D201	407 063 8319	ZENER DIODE MTZJ11C
			D202	407 063 8319	ZENER DIODE MTZJ11C
			D203	407 063 8319	ZENER DIODE MTZJ11C
			D210	407 012 4416	DIODE 1SS133-T-77
			D221	407 012 4416	DIODE 1SS133-T-77
			D222	408 007 8607	DIODE 1N4148
			D271	407 053 6407	ZENER DIODE MTZ5.1C
			D361	407 063 8319	ZENER DIODE MTZJ11C
			D431	407 053 8708	ZENER DIODE MTZ9.1A
			D432	407 005 7328	DIODE EM01Z
			D442	408 007 8607	DIODE 1N4148
			D445	407 012 4416	DIODE 1SS133-T-77
			D446	407 151 9003	ZENER DIODE UZ-7.5BCC
			D481	407 007 7415	DIODE EU1
			D482	407 012 4416	DIODE 1SS133-T-77
			D501	407 005 7328	DIODE EM01Z
			D502	407 118 2217	ZENER DIODE 1Z75
			D603	407 009 6921	DIODE RM11C
			D604	407 009 6921	DIODE RM11C
			D605	407 009 6921	DIODE RM11C
			D606	407 009 6921	DIODE RM11C
			D614	408 007 8607	DIODE 1N4148
			△ D615	408 009 8407	PHOTO COUPLE CNY17GF-3
			D616	408 007 8607	DIODE 1N4148
			D617	407 007 6616	DIODE ES1
			D618	408 007 8607	DIODE 1N4148
			D619	407 053 3000	ZENER DIODE MTZ11C
			D641	407 007 7712	DIODE EU2A
			D642	407 007 7613	DIODE EU2
			△ D643	407 166 2303	DIODE ERC-91-02L
			△ D644	407 166 2303	DIODE ERC-91-02L
			D645	407 053 7206	ZENER DIODE MTZ6.2C
			D647	407 012 4416	DIODE 1SS133-T-77
			D652	407 053 6803	ZENER DIODE MTZ5.6C
			D654	407 012 4416	DIODE 1SS133-T-77
			D655	407 012 4416	DIODE 1SS133-T-77
			D661	409 026 8005	IC L5630
			D681	407 005 7328	DIODE EM01Z
			D682	407 053 6803	ZENER DIODE MTZ5.6C
			D683	407 005 7328	DIODE EM01Z
			D684	408 007 8607	DIODE 1N4148



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
D685	407 012 4416	DIODE 1SS133-T-77	SW1904	610 011 4432	SWITCH,PUSH
D831	408 007 8607	DIODE 1N4148	SW501	1LB4S10B00100	SWITCH,LEVER
D861	407 012 4416	DIODE 1SS133-T-77	△ SW601	645 024 0607	PUSH SW POWER SDDFC3
D871	407 012 4416	DIODE 1SS133-T-77	TP-A	645 008 4058	TERMINAL PLUG
D872	407 055 7927	ZENER DIODE RD3.6EL	TP-B	645 008 4058	TERMINAL PLUG
<b>MISCELLANEOUS</b>			TP-D	645 008 4058	TERMINAL PLUG
A101	645 023 4118	TUNER,U/V	TP-E	645 008 4058	TERMINAL PLUG
A1901	SEE TABLE ON PAGE 19.		X131	421 002 2609	SAW F TSF5315
△ F601	423 022 2102	FUSE 250V 4.0A	X151	610 015 2854	TRAP,CERAMIC 5.5MHZ
F601A	645 000 5077	HOLDER,FUSE	X152	645 000 4490	TRAP, CERAMIC (6.5W3)
F601B	645 000 5077	HOLDER,FUSE	X201	645 025 2631	OSC,CRYSTAL 4.43MHZ
IC001-1	610 251 4186	AUDIO HEATSINK ASSY E7PC	X871	645 018 9593	OSC,CRYSTAL 12MHZ
IC001-2	411 046 8507	SCR PAN+SW+W 3X10	Y01	645 008 4058	TERMINAL PLUG
IC001-3	411 004 4404	NUT HEX 3	Y02	645 008 4058	TERMINAL PLUG
IC001-4	610 077 7613	SILICONE GREASE G-746	Y04	645 008 4058	TERMINAL PLUG
IC001-5	645 009 9601	FIXER	Y05	645 008 4058	TERMINAL PLUG
IC501-1	610 251 8153	VERTICAL RADIATOR-E7PC	Y06	645 008 4058	TERMINAL PLUG
IC501-2	411 036 3208	SCR PAN+SW+W 3X10	Y07	645 008 4058	TERMINAL PLUG
IC501-3	411 004 4404	NUT HEX 3	Y08	645 008 4058	TERMINAL PLUG
J025	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Y09	645 008 4058	TERMINAL PLUG
J130	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Y10	645 008 4058	TERMINAL PLUG
J151	401 037 5816	MT-GLAZE 1M JA 1/10W	Y11	645 008 4058	TERMINAL PLUG
J194	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Y12	645 008 4058	TERMINAL PLUG
J225	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Y13	645 008 4058	TERMINAL PLUG
J226	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Y14	645 008 4058	TERMINAL PLUG
J231	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Y15	645 008 4058	TERMINAL PLUG
J232	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Z101	610 259 7813	SHIELD CASE-A-F2RC
J233	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Z102	610 259 7820	SHIELD CASE-B-F2RC
J234	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	<b>ASSY,PWB,SIF F2RT 1AA0B10E230BA</b>		
J235	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	<b>TRANSISTOR</b>		
J236	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Q3801	405 015 9701	TR 2SC2814-F4-TA
J237	401 037 5014	MT-GLAZE 0.000 ZA 1/10W		405 015 9909	TR 2SC2814-F5-TA
J238	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	Q3802	405 109 4407	TR BC848-B
J239	401 037 5014	MT-GLAZE 0.000 ZA 1/10W		405 015 8704	TR 2SC2812-L6-TA
J240	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	<b>INTEGRATED CIRCUIT</b>		
J241	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	IC3801	409 290 4307	IC TDA2545A/V4
J242	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	IC3811	409 376 6300	IC TDA9821/V1
J243	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	<b>CAPACITOR</b>		
J245	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	C3802	403 069 9510	CERAMIC CHIP 0.01 Z 50V
J247	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	C3803	403 069 9510	CERAMIC CHIP 0.01 Z 50V
KA	645 005 8592	SOCKET,10P	C3804	403 073 9117	CERAMIC 4700P K 50V
KB	645 005 8592	SOCKET,10P	C3805	403 166 8010	MT-POLYEST 0.33U J 63V
KDY-1	645 008 4058	TERMINAL PLUG	C3806	403 028 4112	CERAMIC 56P J 50V
KDY-3	645 008 4058	TERMINAL PLUG	C3807	403 041 8804	ELECT 10U M 50V
KDY-5	645 008 4058	TERMINAL PLUG	C3808	403 069 9510	CERAMIC CHIP 0.01 Z 50V
KDY-6	645 008 4058	TERMINAL PLUG	C3811	403 041 8804	ELECT 10U M 50V
△ KE-1	645 008 4058	TERMINAL PLUG	C3812	403 069 9510	CERAMIC CHIP 0.01 Z 50V
KE-2	645 008 4058	TERMINAL PLUG	C3813	403 049 9803	ELECT 2.2U M 50V
△ KF-1	645 008 4058	TERMINAL PLUG	C3814	403 049 9803	ELECT 2.2U M 50V
KF-2	645 008 4058	TERMINAL PLUG	C3815	403 049 9803	ELECT 2.2U M 50V
KL	645 004 2881	PLUG,2P	<b>RESISTOR</b>		
KP	645 008 7288	HOUSING PLUG 5P	R3802	401 037 5212	MT-GLAZE 100 JA 1/10W
KQ	645 008 7264	HOUSING PLUG 3P	R3803	401 037 5618	MT-GLAZE 10K JA 1/10W
KR-1	645 008 4058	TERMINAL PLUG	R3804	401 037 9210	MT-GLAZE 1.8K JA 1/10W
KR-2	645 008 4058	TERMINAL PLUG	R3805	401 038 3514	MT-GLAZE 330 JA 1/10W
K10B	645 008 7288	HOUSING PLUG 5P	R3806	401 038 7512	MT-GLAZE 56 JA 1/10W
K1001	645 005 5867	21-PIN SOCKET	R3811	401 038 7611	MT-GLAZE 560 JA 1/10W
K1002	645 005 5867	21-PIN SOCKET	R3814	401 038 7611	MT-GLAZE 560 JA 1/10W
PS601	408 003 6805	THERMISTOR 902P44E180MR14	R3815	401 038 2210	MT-GLAZE 27K JA 1/10W
Q432-1	610 251 0683	H HEAT SINK E7PC	R3845	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
Q432-2	411 046 8507	SCR PAN+SW+W 3X10	R3846	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
Q432-3	411 004 4404	NUT HEX 3	R3848	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
Q432-5	610 252 0057	WIRE HOLDING HOOK-U-FWA	<b>TRANSFORMER</b>		
Q613-1	610 251 5893	POW HEAT SINK E7LC	T3801	610 037 4522	S COIL
Q613-2	411 046 8507	SCR PAN+SW+W 3X10	<b>MISCELLANEOUS</b>		
Q613-3	411 004 4404	NUT HEX 3	K38H1	645 027 9294	TERMINAL 4P
Q613-4	610 077 7613	SILICONE GREASE G-746			
SW1901	610 011 4432	SWITCH,PUSH			
SW1902	610 011 4432	SWITCH,PUSH			
SW1903	610 011 4432	SWITCH,PUSH			

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
K38H2	645 027 9294	TERMINAL 4P			
PB001	610 259 5857	PWB,AUDIO&SIF F2RC			
X3801	421 006 2902	SAW F OFW G9251			
X3811	645 003 2806	CERAMIC FILTER (5.5C)			
X3814	645 006 3022	CERAMIC FILTER (5.74A)			
<b>1AA0B10E230BB ASSY,PWB,AUDIO F2RT</b>					
<b>TRANSISTOR</b>			<b>TRANSFORMER</b>		
Q1251	405 109 4407	TR BC848	T3401	645 015 7943	COIL,FERRITE 2.5M
Q1252	405 109 4407	TR BC848			
Q3431	405 109 4407	TR BC848	<b>COIL</b>		
Q3432	405 109 4407	TR BC848	L3451	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
Q3482	405 109 4407	TR BC848			
Q3484	405 109 4407	TR BC848	<b>MISCELLANEOUS</b>		
<b>INTEGRATED CIRCUIT</b>			J1201	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
IC1251	409 009 2501	IC HD14052BP	J1203	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
IC3401	409 371 6206	IC TDA9840/V2	J1204	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
IC3431	409 316 4601	IC TDA8424	J3401	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
<b>CAPACITOR</b>			J3402	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C1251	403 233 0817	ELECT 10U M 50V	J3403	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3401	403 233 0817	ELECT 10U M 50V	J3405	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3402	403 069 5611	CERAMIC 0.01U K 50V	J3408	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3403	403 068 0419	CERAMIC 0.1U Z 25V	J3412	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3404	403 310 5018	CERAMIC 3300P G 25V	J3413	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3405	403 233 0312	ELECT 100U M 16V	J3421	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3406	401 037 5014	MT-GLAZE 0.000 ZA 1/10W	J3431	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3407	403 026 2813	CERAMIC 47P J 50V	J3432	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3408	403 248 2813	ELECT 2.2U M 50V	J3467	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3409	403 248 2813	ELECT 2.2U M 50V	J3469	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3411	403 069 5611	CERAMIC 0.01U K 50V	J3470	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3412	403 069 5611	CERAMIC 0.01U K 50V	J3477	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3421	403 069 9510	CERAMIC CHIP 0.01 Z 50V	J3478	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3422	403 233 0817	ELECT 10U M 50V	J3481	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3431	403 248 1410	ELECT 1U M 50V	J3482	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3432	403 233 0312	ELECT 100U M 16V	J3493	401 037 5014	MT-GLAZE 0.000 ZA 1/10W
C3433	403 248 1410	ELECT 1U M 50V	K12A	645 004 2881	PLUG,2P
C3434	403 068 0419	CERAMIC 0.1U Z 25V	K12B	645 008 7288	HOUSING PLUG 5P
C3435	403 068 3212	CERAMIC 0.033U K 25V	K34A	645 008 3341	PLUG,10P
C3436	403 074 7617	CERAMIC 5600P K 50V	K34B	645 008 3341	PLUG,10P
C3437	403 074 7617	CERAMIC 5600P K 50V	T3401	645 015 7943	COIL,FERRITE 2.5M
C3438	403 068 3212	CERAMIC 0.033U K 25V	X3401	645 018 6875	OSC,CRYSTAL 10 MHZ
C3485	403 179 4501	NP-ELECT 0.47U M 50V			
C3486	403 179 4501	NP-ELECT 0.47U M 50V			
<b>RESISTOR</b>			<b>ASSY,PWB,CRT F3SS 1AA0B10H03700</b>		
R1251	401 038 2111	MT-GLAZE 2.7K JA 1/10W	<b>TRANSISTOR</b>		
R1252	401 038 9219	MT-GLAZE 6.8K JA 1/10W	Q701	405 041 6507	TR 2SC2621-D-RA
R1253	401 039 0512	MT-GLAZE 82K JA 1/10W	Q711	405 041 6507	TR 2SC2621-D-RA
R1254	401 039 0512	MT-GLAZE 82K JA 1/10W	Q721	405 041 6507	TR 2SC2621-D-RA
R1256	401 039 0512	MT-GLAZE 82K JA 1/10W	Q740	406 007 1901	TR JC556A
R1257	401 038 6317	MT-GLAZE 470 JA 1/10W	Q751	406 007 1901	TR JC556A
R1258	401 038 0711	MT-GLAZE 2.2K JA 1/10W	<b>CAPACITOR</b>		
R1262	401 039 0512	MT-GLAZE 82K JA 1/10W	C701	403 073 2910	CERAMIC 390P K 50V
R1263	401 039 0512	MT-GLAZE 82K JA 1/10W	C711	403 073 2910	CERAMIC 390P K 50V
R1264	401 039 0512	MT-GLAZE 82K JA 1/10W	C721	403 073 2910	CERAMIC 390P K 50V
R1265	401 038 6317	MT-GLAZE 470 JA 1/10W	C731	403 077 2728	CERAMIC 1000P P 2K
R1266	401 038 0711	MT-GLAZE 2.2K JA 1/10W	C735	403 055 8401	ELECT 22U M 250V
R3401	401 037 5212	MT-GLAZE 100 JA 1/10W	C751	403 248 1608	ELECT 47U M 16V
R3402	401 037 5212	MT-GLAZE 100 JA 1/10W	<b>RESISTOR</b>		
R3403	401 038 3118	MT-GLAZE 30K JA 1/10W	R701	401 026 3925	CARBON 330 JA 1/6W
R3431	401 037 5212	MT-GLAZE 100 JA 1/10W	R702	401 026 7022	CARBON 3K9 JA 1/6W
R3432	401 037 5212	MT-GLAZE 100 JA 1/10W	R703	401 025 4220	CARBON 1K8 JA 1/6W
R3433	401 037 5212	MT-GLAZE 100 JA 1/10W	△ R704	401 065 4604	OXIDE-MT 12K JA 2W
R3434	401 037 7919	MT-GLAZE 1.5K JA 1/10W	R705	401 009 6622	CARBON 3.3K JA 1/2W
R3435	401 037 5212	MT-GLAZE 100 JA 1/10W	R711	401 026 3925	CARBON 330 JA 1/6W
R3436	401 037 7919	MT-GLAZE 1.5K JA 1/10W	R712	401 026 7022	CARBON 3K9 JA 1/6W
R3477	401 038 0711	MT-GLAZE 2.2K JA 1/10W	R713	401 026 1020	CARBON 2K7 JA 1/6W
R3479	401 038 0711	MT-GLAZE 2.2K JA 1/10W	△ R714	401 065 4604	OXIDE-MT 12K JA 2W
R3481	401 038 0711	MT-GLAZE 2.2K JA 1/10W	R715-B	401 009 6622	CARBON 3.3K JA 1/2W
R3482	401 038 0711	MT-GLAZE 2.2K JA 1/10W	R721	401 026 3925	CARBON 330 JA 1/6W
			R722	401 026 7022	CARBON 3K9 JA 1/6W
			R723	401 025 4220	CARBON 1K8 JA 1/6W
			△ R724	401 065 4604	OXIDE-MT 12K JA 2W
			R725-B	401 009 6622	CARBON 3.3K JA 1/2W
			R727	401 026 9620	CARBON 470 JA 1/6W

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
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 - F7JDV</b>					
<b>PICTURE TUBE</b>					
△Q901	414 007 9001	CRT A51EBV13X09			
<b>COIL</b>					
△L901	645 034 1267	DEGAUSS COIL 21" 42T*.425			
<b>MISCELLANEOUS</b>					
SP901	610 232 3986	SPEAKER			
SP902	610 232 3986	SPEAKER			
△W901	645 012 7632	EURO PLUG +2P HOUSE @ 2.1			
W902	610 024 2531	GROUNDING CONNECTOR			

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.

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

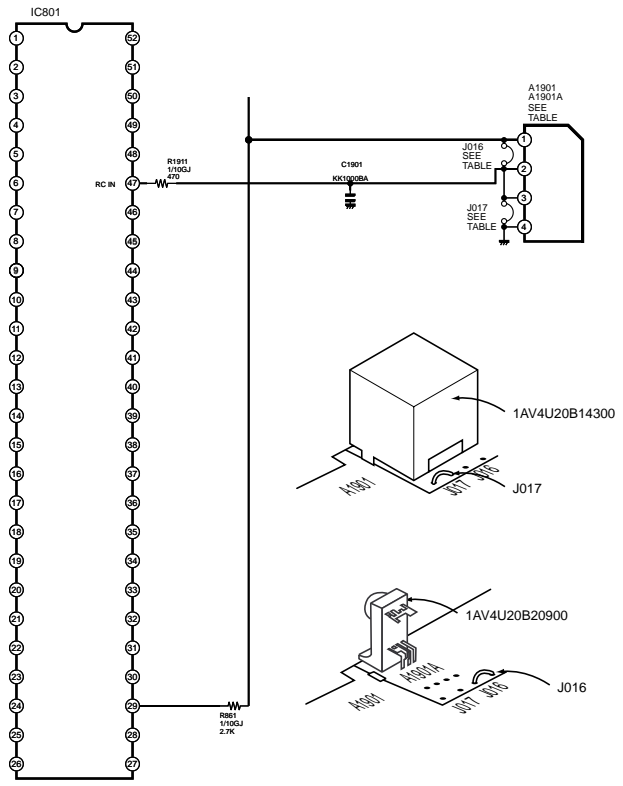


Figure 1.



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