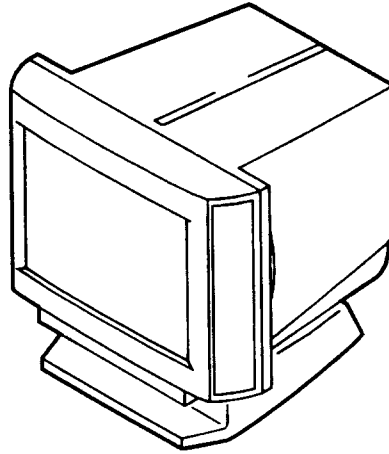


CPD-100VS

SERVICE MANUAL

US Model
Canadian Model
Chassis No. SCC-K24A-A



WIO

X-2 CHASSIS

SPECIFICATIONS

Picture tube	0.25 mm aperture grille pitch, 15 inches measured diagonally, 90-degree deflection, AR coating
Viewable image size	Approx. 284 × 212 mm (w/h) (11 ¹ / ₄ × 8 ³ / ₈ inches) 13.9" viewing image
Logical resolution	Horizontal: Max. 1280 dots Vertical: Max. 1024 lines
Physical resolution	Horizontal: Max. 1024 dots Vertical: Max. 768 lines
Standard image area	Approx. 270 × 202 mm (w/h) (10 ³ / ₄ × 8 inches)
Deflection frequency	Horizontal: 31 to 65 kHz Vertical: 50 to 120 Hz
Speaker	Left, right: 3.5 W × 2, Sub-woofer: 10 W 50 – 20 kHz
Microphones	Uni-direction, electret condenser microphone
Microphones output	Miniplug
Audio input	Stereo miniplug, input impedance 47 kΩ, input level 0.7 Vrms typical
Headphones output	Stereo minijack, 4 mW + 4 mW at 16 Ω
Microphones input	Minijack, plug-in-power
AC input voltage/current	100 to 120 V, 50/60 Hz, 2.2 A
Dimensions	Approx. 424 × 419 × 388 mm (w/h/d) (16 ³ / ₄ × 16 ¹ / ₂ × 15 ³ / ₈ inches)
Mass	Approx. 16.8 kg (37 lb 1 oz)

Design and specifications are subject to change without notice.

TRINITRON® MULTIMEDIA COMPUTER DISPLAY
SONY®



TIMING SPECIFICATION

PRIMARY MODE MODE AT PRODUCTION	MODE 1	MODE 2	MODE 3	MODE 4	PRIMARY MODE MODE 5	MODE 6
RESOLUTION CLOCK	640 X 400 25.175 MHz	640 X 350 25.175 MHz	640 X 480 25.175 MHz	640 X 480 31.500 MHz	800 X 600 49.500 MHz	1024 X 768 78.750 MHz
– HORIZONTAL –						
H-FREQ	31.469 kHz usec	31.469 kHz usec	31.469 kHz usec	37.500 kHz usec	46.875 kHz usec	60.023 kHz usec
H. TOTAL	31.778	31.778	31.778	26.667	21.333	16.660
H. BLK	6.356	6.356	6.356	6.349	5.172	3.657
H. FP	0.636	0.636	0.636	0.508	0.323	0.203
H. SYNC	3.813	3.813	3.813	2.032	1.616	1.219
H. BP	1.907	1.907	1.907	3.810	3.232	2.235
H. ACTIV	25.422	25.422	25.422	20.317	16.162	13.003
– VERTICAL –						
V. FREQ	70.086 Hz lines	70.086 Hz lines	59.940 Hz lines	75.000 Hz lines	75.000 Hz lines	75.029 Hz lines
V. TOTAL	449	449	525	500	625	800
V. BLK	49	99	45	20	25	32
V. FP	12	37	10	1	1	1
V. SYNC	2	2	2	3	3	3
V. BP	35	60	33	16	21	28
V. ACTIV	400	350	480	480	600	768
– SYNC –						
INT(G)	NO	NO	NO	NO	NO	NO
EXT(H/V)/POLARITY	YES +/-	YES +/-	YES +/-	YES +/-	YES +/-	YES +/-
EXT(CS) /POLARITY	NO	NO	NO	NO	NO	NO
INT/NON INT	NON INT	NON INT	NON INT	NON INT	NON INT	NON INT

96.6.14 VER

Power Saving Function

This monitor meets the power saving guidelines set by the International ENERGY STAR Program. It is capable of reduced power consumption when used with a computer equipped with Display Power Management Signaling (DPMS). By sensing the absence of the sync signal coming from the computer, it will reduce the power consumption as follows:

✓ CAUTION

The Power Saving function will automatically put the monitor into Active-off state if the power switch is turned on without any video signal input. Once the horizontal and vertical syncs are sensed, the monitor will automatically return to its Normal operation state.

State	Power consumption	Required resumption time	Power indicator	Speaker
1 Normal operation	130 W (max)	—	Green	On
2 Suspend (1st step of power saving)	15 W (max) ¹⁾	Approx. 3 sec.	Green ↔ Orange	Off ²⁾
3 Active-off (2nd step of power saving)	8 W (max)	Approx. 10 sec.	Orange	Off ²⁾
4 Power-off	Approx. 6 W ³⁾	—	Off	Off

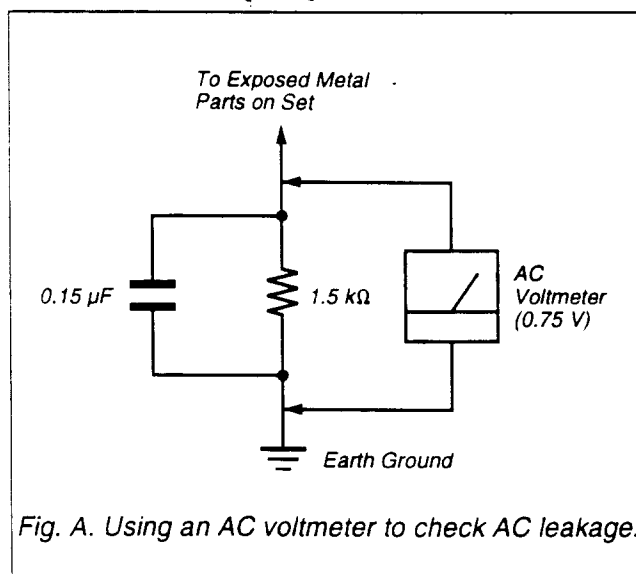
✓ Notes

- 1) When the audio circuitry is inactive.
- 2) The audio circuitry will constantly be active as long as the monitor keeps receiving the audio signal including noise.
When the audio signal is completely shut down, the audio circuitry will be automatically turned off after 30 seconds. Once turned off, the audio circuitry will not be active again until the monitor returns to its Normal operation state.
- 3) To lower the power consumption to 0 W, disconnect the power cord.

SAFETY CHECK-OUT (US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.



LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

WARNING!!

NEVER TURN ON THE POWER IN A CONDITION IN WHICH THE DEGAUSS COIL HAS BEEN REMOVED.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

AVERTISSEMENT!!

NE JAMAIS METTRE SOUS TENSION QUAND LA BOBINE DE DEMAGNETISATION EST ENLEVÉE.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE Δ SONT CRITIQUES POUR LA SÉCURITÉ. NE LES REMPLACER QUE PAR UNE PIÈCE PORTANT LE NUMÉRO SPECIFIÉ. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

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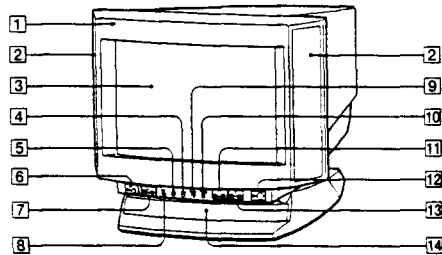
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SECTION 1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

Functions of Controls

Front

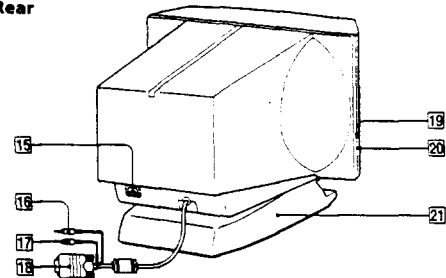


- | | | |
|----|-----------------------------------|--|
| 1 | Microphone | The internal microphone is turned off when an external microphone is connected. |
| 2 | Main speaker | — |
| 3 | Display | Displays OSD when adjusting. |
| 4 | Geometry button | Adjusts pincushion and rotation (pages 16, 17). |
| 5 | Color temperature button | Adjusts color temperature (page 18). |
| 6 | Mute button and indicator | Mutes sound (page 19). |
| 7 | Volume +/- buttons | Adjusts speaker volume (page 19). The default setting of the volume level is 30 %. |
| 8 | Reset switch | Resets adjustments to factory setting (page 19). |
| 9 | Size button | Adjusts picture size (page 15). |
| 10 | Centering button | Adjusts picture centering (page 14). |
| 11 | Brightness button | Adjusts picture brightness (page 13). |
| 12 | Power switch and indicator | Turns on and off the unit. |
| 13 | Contrast +/- button | Adjusts picture contrast (page 14). |
| 14 | Sub woofer | — |

Continued to the next page →

Functions of Controls 7

Rear



- | | | |
|----|----------------------------------|---|
| 15 | AC IN connector | Connect the supplied power cord (page 10). |
| 16 | Audio plug (green) | Connect to the computer's speaker output (page 10). |
| 17 | MIC plug (red) | Connect to the computer's microphone input (page 10). |
| 18 | Video signal cable (blue) | Connect to the computer's video output (page 10). |
| 19 | Headphones jack | Connect headphones (not supplied). The speakers are turned off when headphones are connected. |
| 20 | Microphone jack | Connect a microphone (not supplied). |
| 21 | Tilt-Swivel | Adjusts the angle of the display. |

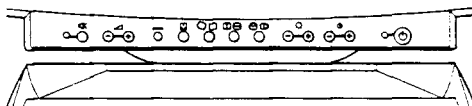
8 Functions of Controls

Adjustments

When one of the preset-type signals is input, no picture adjustment is necessary. You can, however, adjust the picture to your preference by following the procedure described below.

To adjust the monitor, turn on the monitor and computer. Select the adjustment item. You can adjust all items except sound controls via the OSD (On Screen Display). Adjustments are automatically stored in the monitor's memory.

Control Panel



Adjusting the picture brightness

The adjustment data becomes the common setting for all input signals.

1. Press the **+** or **-** button. The "OSD" appears.



2. Press the **+** or **-** buttons to adjust the picture brightness.
 - + for more brightness
 - for less brightness



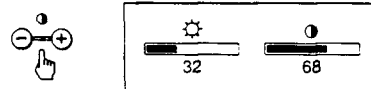
The "OSD" disappears 2 seconds after you release the buttons.

Adjustments 13

Adjusting the picture contrast

The adjustment data becomes the common setting for all input signals.

1. Press the **+** or **-** button. The "OSD" appears.



2. Press the **+** or **-** buttons to adjust the picture contrast.
 - + for more contrast
 - for less contrast

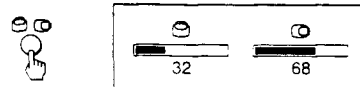


The "OSD" disappears 2 seconds after you release the buttons.

Adjusting the picture centering

The adjustment data becomes the individual setting for each input signal received.

1. Press the **Centering** button. The "OSD" appears.



14 Adjustments

2. For vertical adjustment

Press the \uparrow/\downarrow buttons.
- to move up
- to move down



For horizontal adjustment

Press the \leftarrow/\rightarrow buttons.
- to move right
- to move left



To exit the OSD

Press the OSD button again.

Tip

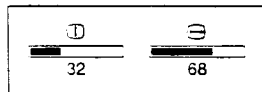
If you don't touch any button, the OSD automatically disappears after 20 seconds. When you want to adjust another item, press the button of the item. The OSD of the selected item appears.

Adjusting the picture size

The adjustment data becomes the individual setting for each input signal received.

1. Press the OSD button.

The OSD appears.



2. For vertical adjustment

Press the \uparrow/\downarrow buttons.
- to increase
- to decrease



For horizontal adjustment

Press the \leftarrow/\rightarrow buttons.
- to increase
- to decrease



Continued to the next page →

Adjustments 15

To exit the OSD

Press the OSD button again.

Tip

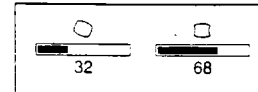
If you don't touch any button, the OSD automatically disappears after 20 seconds. When you want to adjust another item, press the button of the item. The OSD of the selected item appears.

Adjusting the picture rotation

The adjustment data becomes the common setting for all input signals.

1. Press the OSD button.

The OSD appears.



2. Press the \uparrow/\downarrow buttons.

- to rotate clockwise
- to rotate counterclockwise



To exit the OSD

Press the OSD button again.

Tip

If you don't touch any button, the OSD automatically disappears after 20 seconds. When you want to adjust another item, press the button of the item. The OSD of the selected item appears.

16 Adjustments

Adjusting the pincushion

The adjustment data becomes the individual setting for each input signal received.

1. Press the OSD button.

The OSD appears.



2. Press the \uparrow/\downarrow buttons.

- to expand the picture sides



- to diminish the picture sides



To exit the OSD

Press the OSD button again.

Tip

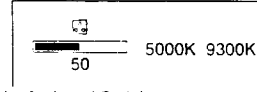
If you don't touch any button, the OSD automatically disappears after 20 seconds. When you want to adjust another item, press the button of the item. The OSD of the selected item appears.

Setting the color temperature

The selected color temperature becomes the common setting for all input signals.

1. Press the OSD button.

The OSD appears.



2. Adjust with the \uparrow/\downarrow and \leftarrow/\rightarrow buttons.

To select 5000K or 9300K

Press \leftarrow/\rightarrow buttons.

The selected color temperature is indicated in yellow.

- to select 9300K

- to select 5000K



To obtain the desired color temperature between 5000K and 9300K

Press \uparrow/\downarrow buttons.

- for higher temperature

- for lower temperature



Tip

The first press of \leftarrow/\rightarrow button recalls the color temperature which was obtained at the last adjustment.

To exit the OSD

Press the OSD button again.

Tip

If you don't touch any button, the OSD automatically disappears after 20 seconds. When you want to adjust another item, press the button of the item. The OSD of the selected item appears.

18 Adjustments

Adjustments 17

Adjusting volume

Adjust with the Δ +/- buttons.

- + to increase volume
- to decrease volume



Tips

- The M indicator flashes while adjusting volume
- The default setting of the volume level is 30 %
- No indicator about volume level appears
- Adjust the volume while listening to the sound
- Excessively high volume may cause howling.

To mute the sound

Press the M button. The M indicator lights.



Press again to cancel muting.

Resetting

To recall the factory settings for the current mode

Press the RST button to recall the factory settings.



Note

The brightness, contrast, rotation and color temperature do not return to the factory settings.

To recall the factory settings for all modes

Press and hold the RST button for 5 seconds.
All adjustments return to the factory settings.

Adjustments 19

Troubleshooting

This section may help you isolate a problem and as a result, eliminate the need to contact technical support, allowing continued productivity.

No picture

If the P indicator is not lit

- Check that the power cord is properly connected
- Check that the P switch is in the "ON" position.

If the P indicator is flashing in orange

- Check that your computer power switch is in the "ON" position.
- The monitor may recover when you press any key on the keyboard of the computer.
- Check that the video cable is properly connected
- Ensure that no pins are bent or pushed in the HD15 connector of the cable.
- Check that the video card in your computer is seated completely in a proper bus slot.
- Check that the video sync signal is within that specified for the monitor.
- This monitor has a self-diagnostics function. To activate the function, turn off the computer and the monitor. Press and hold the P switch of the monitor for about 8 seconds. If the monitor is operating correctly, the screen will become white first and then the color bars will appear.

If the P indicator is flashing in red

- Check that the video sync signal is specified for the monitor.
- There is a potential monitor failure. Contact Sony Technical Support.

No sound from speaker

If the M indicator is lit

- Press the M button to cancel muting.

- Check that the audio plug is properly connected
- Adjust the volume with Δ +/- buttons.
- Check that the headphones are not connected.
- Check that the sound board of the computer is properly connected.
- Check that the volume control, muting, sound selector, etc. of the sound board. (See the computer's manual.)

Microphone mixing is not possible

- Check that the MIC plug is properly connected.
- Check that the sound board of the computer is properly connected.
- Check that the microphone control, sound selector, etc. of the sound board. (See the computer's manual.)

22 Troubleshooting

Howling (feed-back) is heard

- Decrease the volume with Δ +/- buttons, or turn down the microphone input volume of the sound board.

Picture is scrambled

- Check your graphics board manual for the proper monitor setting on the monitor.
- Check this manual and confirm that the graphic mode and the frequency at which you are trying to operate is supported. Even within the proper range, some video boards may have a sync pulse that is too narrow for the monitor to sync correctly.

Color is not uniform

- Trip the P switch once to activate the Auto-degauss cycle*

Screen image is not centered or sized properly

- Adjust picture centering, size, or geometry (rotation/ pin-cushion) on the OSD (pages 16, 17).
- Some video modes do not fill the screen to the edge of the monitor. There is no single answer to solve the problem. There is a tendency for this problem to occur on higher refresh timings.

Picture is fuzzy

- Adjust the contrast and brightness on the OSD (pages 13, 14). Some brands of SVGA boards have an excessive video output level which creates a fuzzy picture at maximum contrast.
- Trip the P switch once to activate the Auto-degauss cycle*

Picture bounces or has wavy oscillations

- Isolate and eliminate any potential sources of electric or magnetic fields. Common causes for this symptom are electric fans, fluorescent lighting, laser printers, etc.
- If you have another monitor close to this monitor, increase the distance between them to reduce interference.
- Try plugging the monitor into a different AC outlet, preferably on a different circuit.

Picture appears to be ghosting

- Eliminate the use of video extension cables and/or video switch boxes if this symptom occurs. Excessive cable length or weak connections can produce this symptom.

A fine horizontal line (wire) is visible

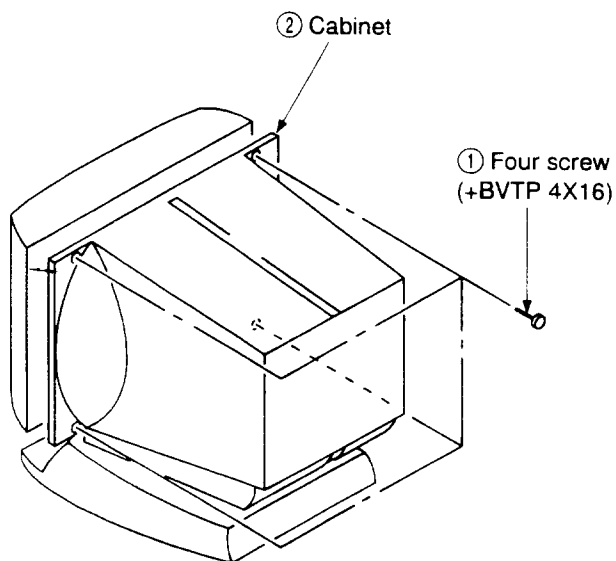
- This wire stabilizes the vertically striped Aperture Grille. The Aperture Grille allows more light to pass through to the screen giving the Trinitron CRT more color and brightness.

Continued to the next page →

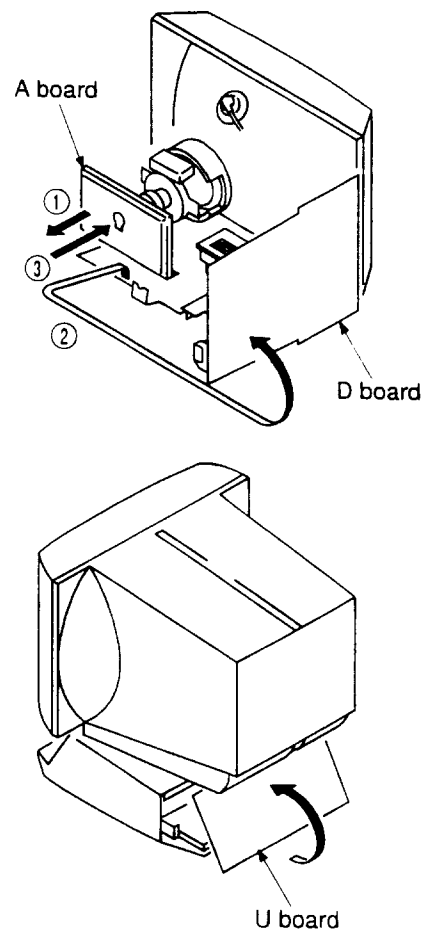
Troubleshooting 23

SECTION 2 DISASSEMBLY

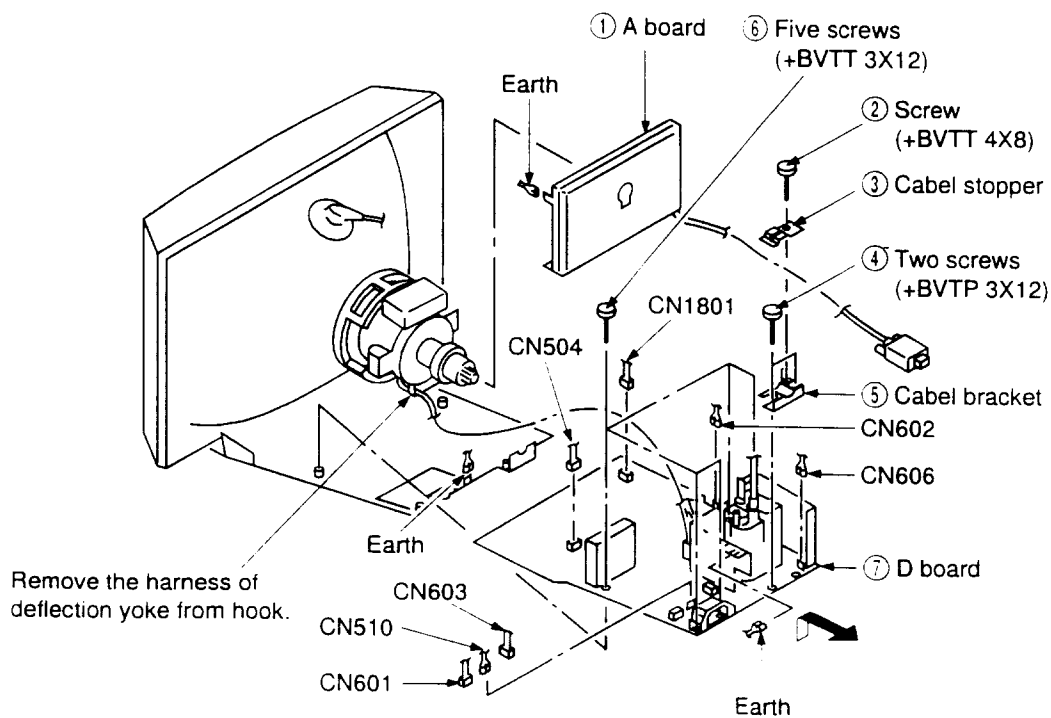
2-1. CABINET REMOVAL



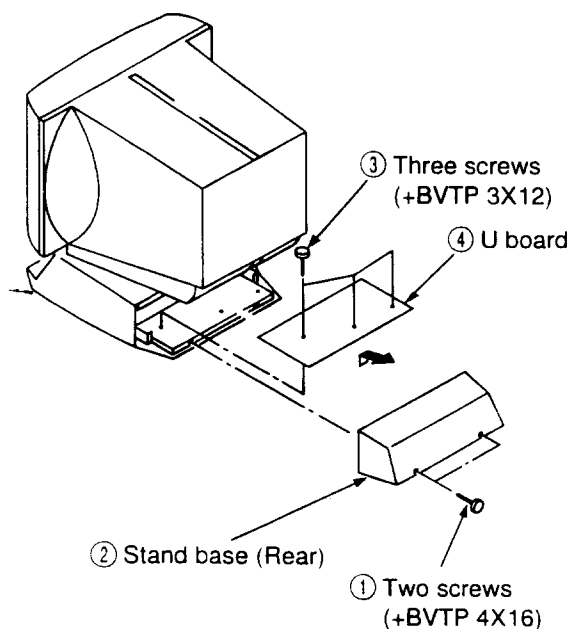
2-2. SERVICE POSITION



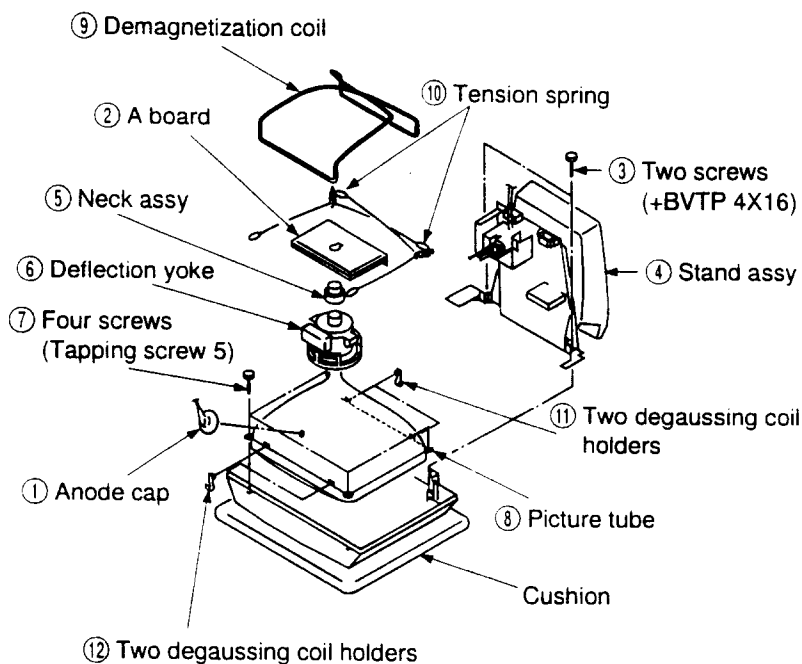
2-3. D BOARD REMOVAL



2-4. U BOARD REMOVEAL



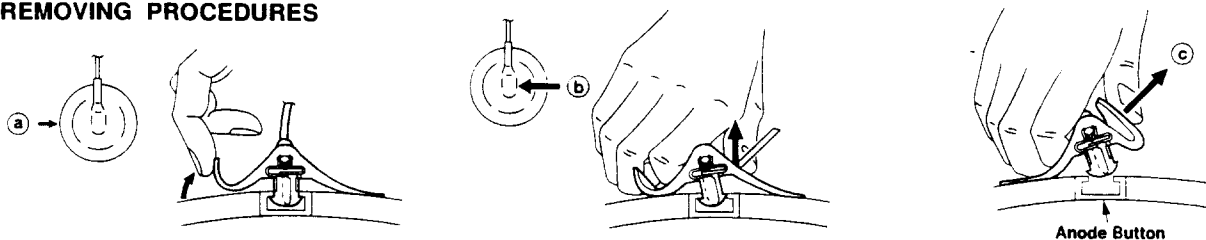
2-5. PICTURE TUBE REMOVAL



• REMOVAL OF ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

• REMOVING PROCEDURES



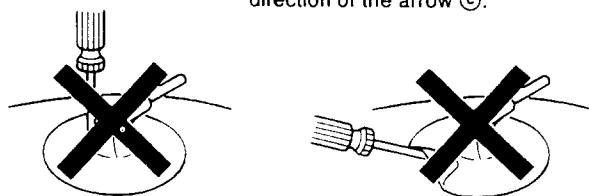
① Turn up one side of the rubber cap in the direction indicated by the arrow ①.

② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow ②.

③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ③.

• HOW TO HANDLE AN ANODE-CAP

- ① Don't hurt the surface of anode-caps with sharp shaped material!
- ② Don't press the rubber hardy not to hurt inside of anode-caps!
A material fitting called as shatter-hook terminal is built in the rubber.
- ③ Don't turn the foot of rubber over hardy!
The shatter-hook terminal will stick out or hurt the rubber.



SECTION 3

SAFETY RELATED ADJUSTMENT

When replacing or repairing the shown below table, the following operational checks must be performed as a safety precaution against X-rays emissions from the unit.

	Part Replaced (☒)
HV ADJ	RV470

	Part Replaced (▣)
HV Regulator Circuit	D board IC501, FBT (T501), R457, R475, R487, R508, R509, R512, RV470, C509, C526, C541, C542, C580, C585
HV Hold-Down Circuit	D board IC500, IC501, D407, D515, R472, R492, R494, R496, R577, C402, C403, C404, FBT (T501) • Mounted D board
Beam Current Protector Circuit	D board IC500, IC501, D596, D597, R450, R459, R460, R498, R970 C528, C549, C938 • Mounted D board

※ Confirm one minute later turning on the power.

a) HV Regulator Check

- 1) Input white cross hatch signal. (fH = 63.9 kHz)
- 2) Minimum CONT and BRT controls.
- 3) Cut off Screen VR (G2).
- 4) Input voltage : 120 ± 2 V AC
- 5) Confirm that the voltage is within the voltage range shown below.

Standard voltage: Less than 25.5 KV

b) HV Hold-Down Check

- 1) Using an external DC Power supply, apply the voltage shown below between cathode of D407 and GND, and confirm that the HV Hold-Down circuit works. (TV Raster disappears)

Standard voltage: 31.6 ± 0.05 V DC

Check Condition

- Input voltage : 120 ± 2 V AC
- Input signal : Any pattern (fH = 63.9 kHz)
- Controls : CONT and BRT → Minimum
: Screen VR (G2) → Cutoff

c) Beam Protector Check-1 (Software logic)

- 1) Using an external DC power supply, apply the voltage 7.00 ± 0.05 VDC between pin ⑪ of FBT (T501) and GND, and confirm that the voltage of both ends C938 is within the voltage range shown below.

Standard voltage: Less than 3.26 V DC

Check Condition

- Input voltage : 120 ± 2 V DC
- Input signal : Any pattern (fH = 63.9 kHz)
- Controls : CONT and BRT → Minimum
: Screen VR (G2) → Cutoff

d) Beam Protector Check-2 (Hardware logic)

- 1) Applying specified external DC voltage 5.00 V DC at between C938 (Side of anode) and GND.
- 2) Confirm that the beam current protector circuit is to be activated when to make short between pin ⑪ of FBT (T501) and GND.

e) +B MAX Check

- 1) Input white cross hatch (fH = 63.9 kHz) signal.
- 2) Minimum CONT and BRT controls.
- 3) Input voltage : 120 ± 2 V AC

Note: Use NF power supply or make sure that distortion factor is 3% or less.

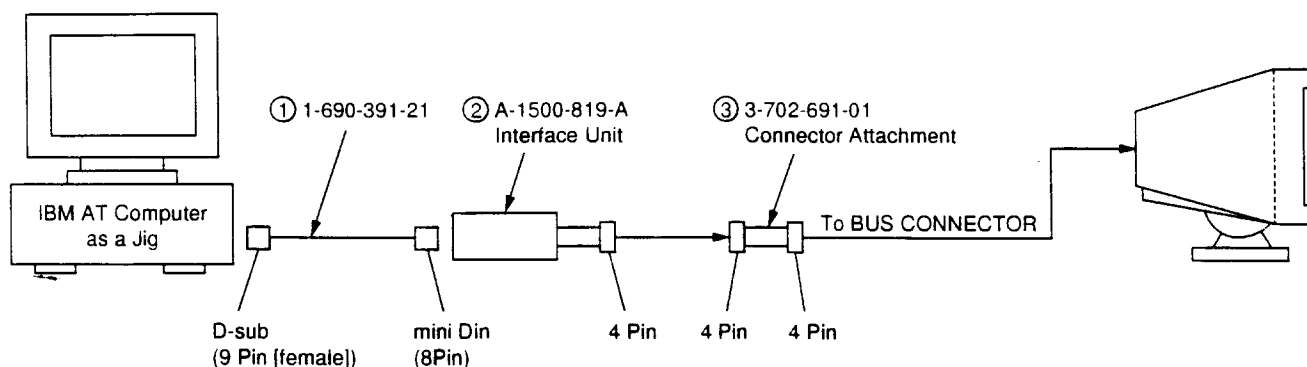
- 4) Confirm that the voltage is within the voltage range shown below.

Standard voltage : 140 ± 2 V

SECTION 4

ADJUSTMENTS

Connect the communication cable of the computer to the connector located on the D board on the monitor. Run the service software and then follow the instruction.



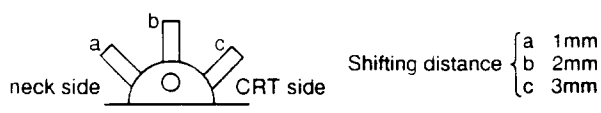
*The parts above (① ~ ③) are necessary for DAS adjustment.

● H.CENT Adjustment

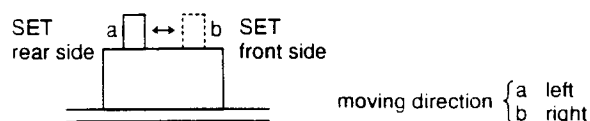
(This should be performed before Convergence Adjustment.)

1. Receive the picture with maximum frequency. (Dot signal)
2. Adjust "BRT" to "255", "H.SIZE" to "-127".
3. Set the lever switch (S500) to the CRT neck side (position "a"). Select the minimum point of right and left difference of the raster at (S501). Then fine adjust H.CENT at switch (S500).

※ Correction distance change-over : S500



※ Correction direction change-over : S501



● Landing Rough Adjustment

1. Enter the full white signal.
2. Adjust the contrast to the maximum.
3. Make the screen monogreen.
4. Reverse the DY, and adjust coarsely the purity magnet so that a green raster positions in the center of screen.
5. Moving the DY forward, adjust so that an entire screen becomes monogreen.
6. Adjust the tilt of DY, and fix lightly with a clamp.

● Landing Fine Adjustment

1. Place the set in the Helmholtz coil.
2. Enter a green signal only.
3. Degauss the entire screen with hand-degausser.
4. Attach a wobbling coil to the specified position of CRT neck.
5. Attach a landing adjuster sensor on the CRT.
6. Using a landing checker, adjust the DY position, purity, tilt of DY.
7. Clamp the DY screw.
Clamping torque : 22 ± 2 kgcm (2.2 ± 0.2 N·m)

● Convergence Rough Adjustment

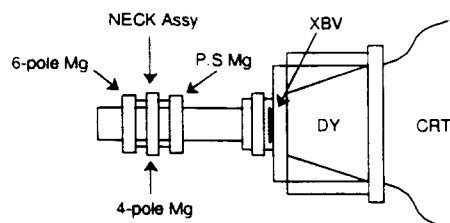
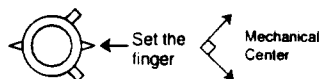
1. Enter the white crosshatch signal.
2. Adjust roughly the horizontal and vertical convergence at four-pole magnet.
3. Adjust roughly HMC and VMC at six-pole magnet.

● Convergence Fine Adjustment

※ Set DY four-pole magnet to mechanical center

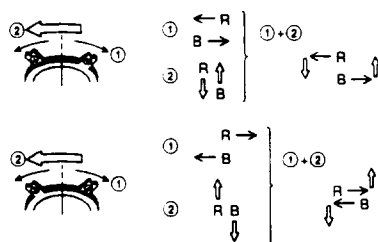
before adjustment.

※ This should be prime mode.



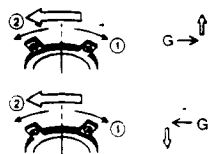
1. Receive R.B. cross-hatch.
2. Adjust H.STAT and V.STAT at four-pole magnet.

< 4 Pole Magnet >



3. Receive White cross-hatch.
4. Adjust HMC and VMC at six-pole magnet.

< 6 Pole Magnet >

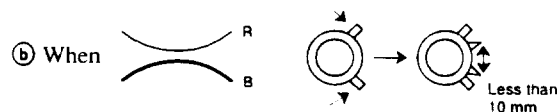


5. Receive R.B. cross-hatch.
6. Adjust XBV at DY four-pole magnet.

XBV Correction



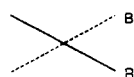
- 1) Open DY four-pole. (Do not move H.STAT)
- 2) Re-adjust V.STAT with four-pole at NECK Ass'y.



- 1) Close DY four-pole. (Do not move H.STAT)
- 2) Re-adjust V.STAT with four-pole at NECK Ass'y.

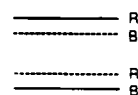
7. Repeat the above procedure so that R.G.B. will be on X. Y axis.
8. Adjust H.TILT by swinging the DY neck right and left.
9. Adjust XCV with XCV core.

XCV movement



10. Adjust V.TILT with TLV VR.

TLV movement



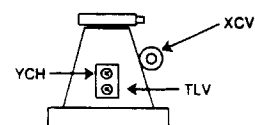
11. Adjust Y.CLOTH with YCH VR.

YCH movement

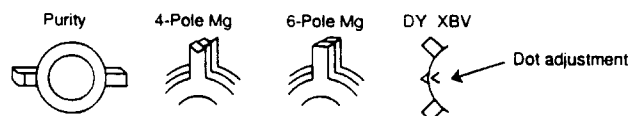


12. Paint lock the four-, six-pole Mg.

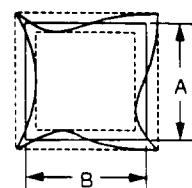
< VR Adjustment on DY >



< Zero Position NECK Ass'y >

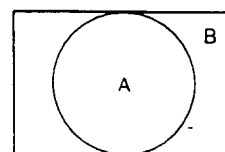


● Vertical and Horizontal Position and Size Specification



MODE	All mode
A	202 mm
B	270 mm

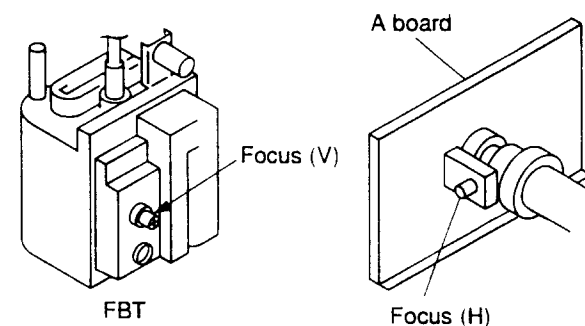
● Convergence Specification



A ≤ 0.30mm
B ≤ 0.35mm

● Focus adjustment

Adjust the focus volume (V) and (H) for the optimum focus.

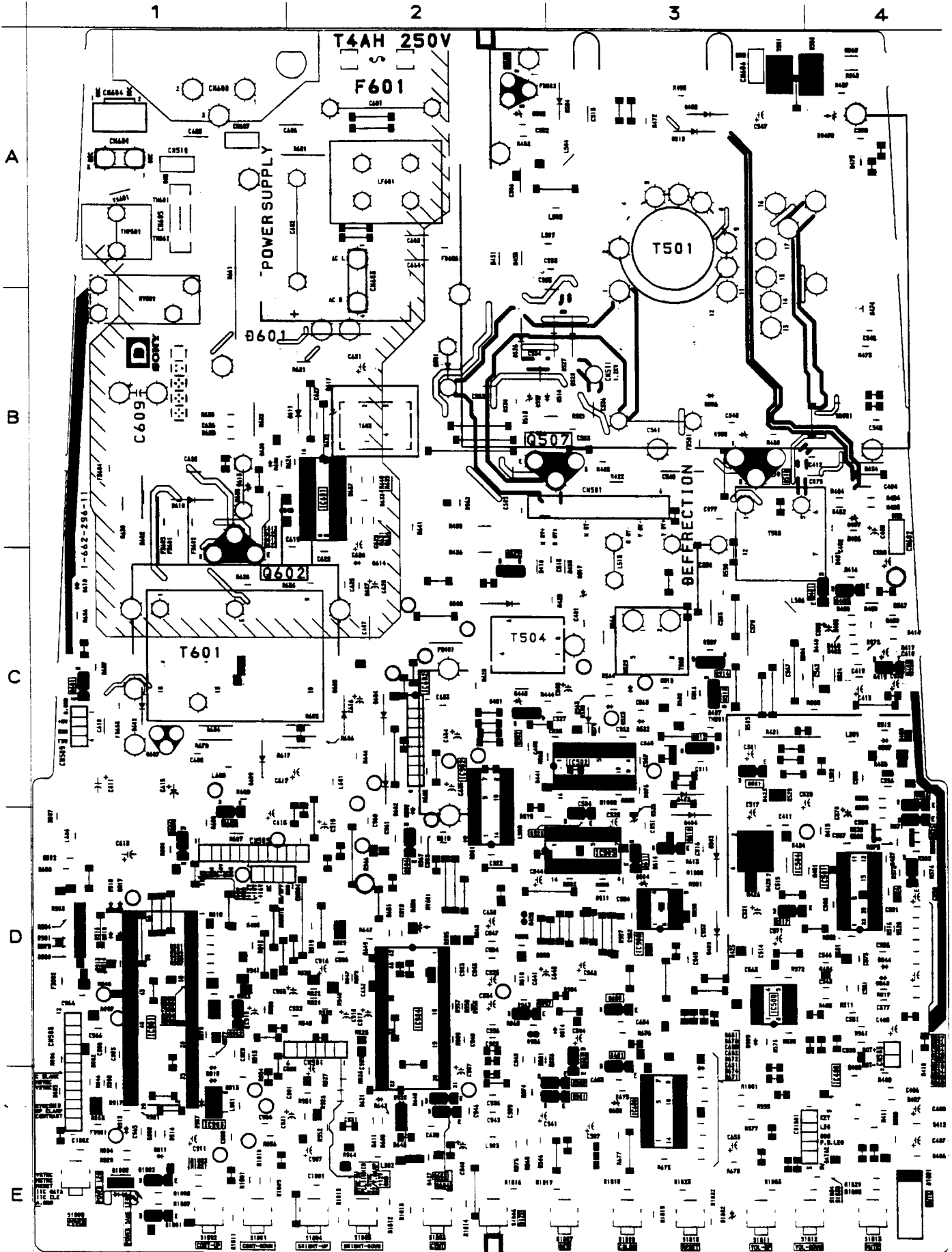


PLEASE NOTE: PAGES 13 THROUGH 20 ARE SCHEMATICS

(SEE ORIGINAL MANUAL)

D POWER DEFLECTION

— D Board —

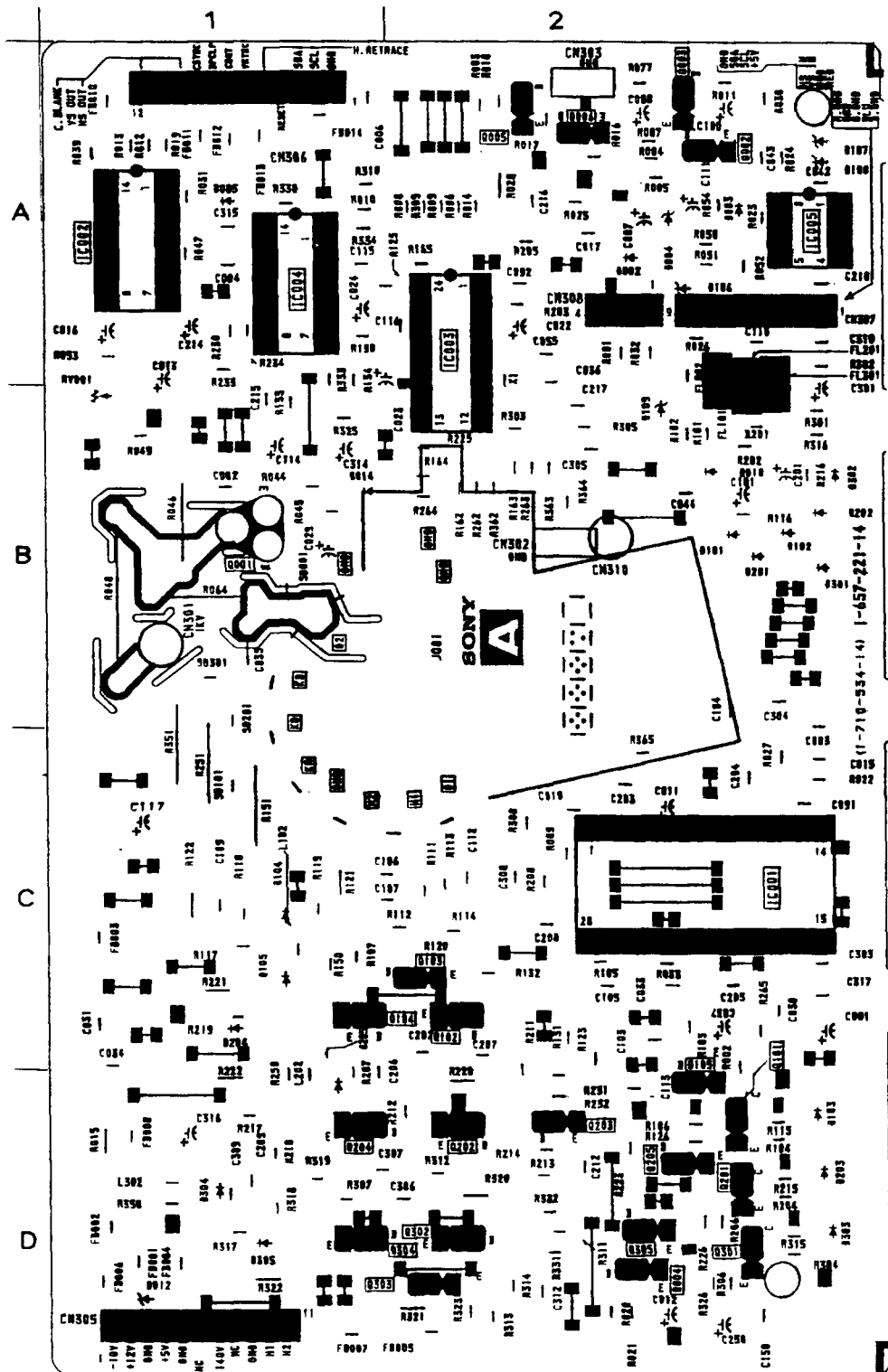




— A Board —

● A BOARD SEMICONDUCTOR LOCATION

IC	
IC001	C-2
IC002	A-1
IC003	A-2
IC004	A-1
IC005	A-2
TRANSISTOR	
Q001	B-1
Q002	A-2
Q003	A-2
Q004	D-2
Q005	A-2
Q101	D-2
Q102	C-2
Q103	C-2
Q104	C-1
Q105	D-2
Q201	D-2
Q202	D-2
Q203	D-2
Q204	D-1
Q205	D-2
Q301	D-2
Q302	D-2
Q303	D-2
Q304	D-1
Q305	D-2
DIODE	
D002	A-2
D003	A-2
D004	A-2
D005	A-1
D010	B-2
D012	D-1
D014	B-1
D101	B-2
D102	B-2
D103	D-2
D104	C-1
D105	C-1
D106	A-2
D107	A-2
D108	A-2
D109	B-2
D201	B-2
D202	B-2
D203	D-2
D204	C-1
D205	D-1
D301	B-2
D302	B-2
D303	D-2
D304	D-1
D305	D-1
Q006	A-2
VARIABLE RESISTOR	
RV001	A-1
CRYSTAL	
X1	A-2



NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

PLEASE NOTE: PAGES 23 THROUGH 28 ARE SCHEMATICS
(SEE ORIGINAL MANUAL)

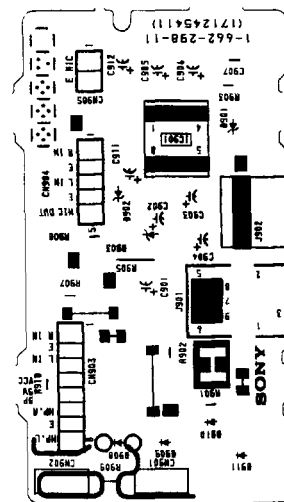
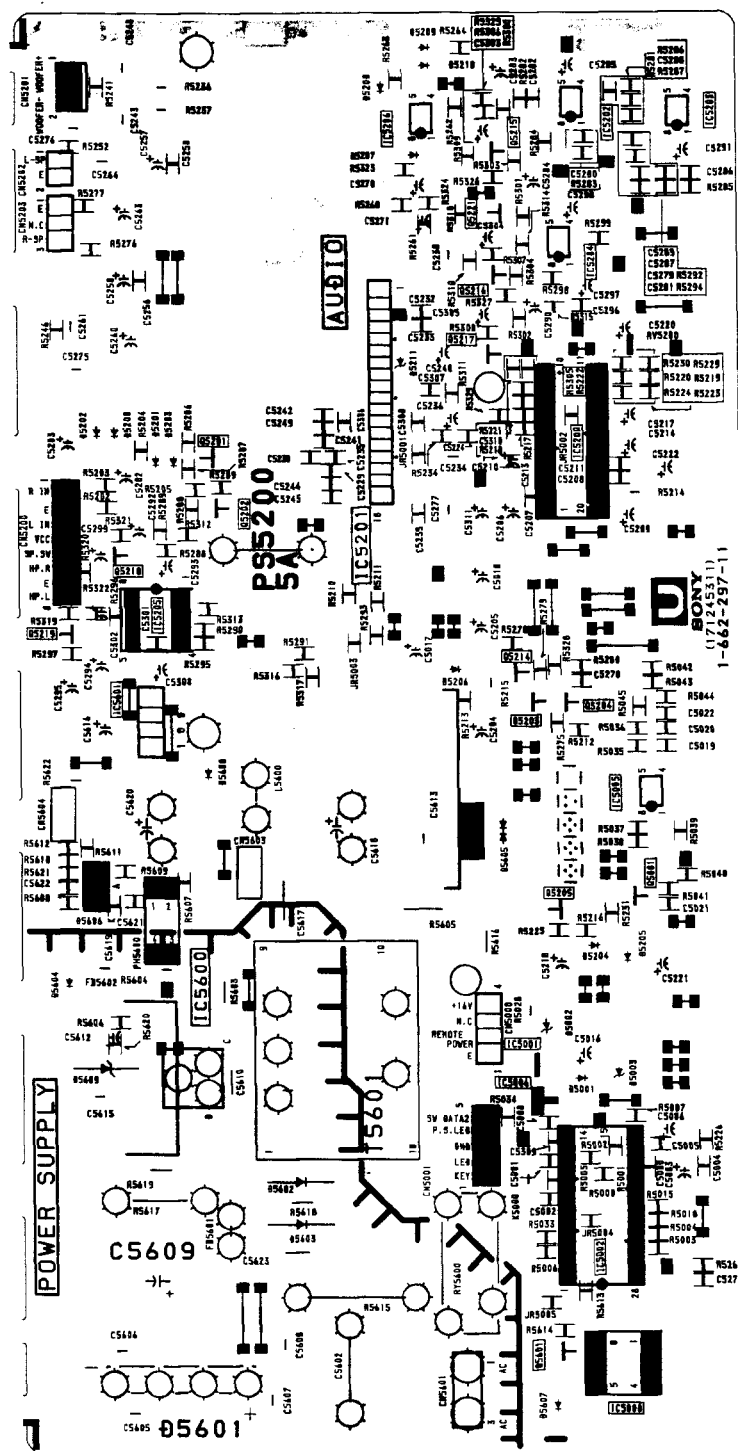
U [AUDIO]

[HEAD-PHONE, MIC]

U Board

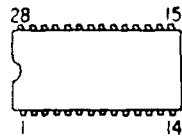
U BOARD VOLTAGE LIST

Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	
IC5000	1	0	IC5202	5	6.0	
	2	0		6	6.0	
	3	0		7	6.0	
	4	0.9				
IC5001	IN	17.4	IC5203	1	5.9	
	OUT	5.0				
IC5002	1	5.1	IC5204	1	6.0	
	2	5.0		2	6.0	
	3	5.1		3	6.0	
	6	4.6		5	6.0	
	7	4.6	6	6.0		
	9	2.3	7	6.0		
	10	2.4				
	12	5.0				
	13	5.0				
	14	4.8				
	18	5.1	IC5205	1	6.0	
	19	0		2	6.0	
	20	0.7		3	5.9	
21	0	5		5.9		
IC5005	22	1.8	IC5206	6	6.0	
	23	5.1		7	6.0	
	24	0				
	25	0				
	26	0				
	27	0				
	IC5006	3	5.1	IC5600	1	142.5
2		6.0	2		0	
3		5.9	3		5.9	
5		5.9				
6		5.0				
7		11.2	PH5600	2	138	
				3	5.9	
		4		10.1		
IC5200	2	6.6		Q3001	B	0
	3	8.6			E	-0.1
	4	8.6				
	5	8.4				
	6	5.9	Q5201	B	4.3	
	7	2.6		E	5.0	
	8	1.8	Q5202	B	4.3	
	9	1.8		E	5.0	
	10	5.1	Q5203	B	2.9	
	11	0		E	2.3	
	12	2.6	O5204	B	0	
13	3.6	C		2.9		
14	6.0	Q5214	B	0		
15	5.9		E	3.9		
16	8.4	Q5215	B	0.9		
17	8.6		E	0		
18	8.6	Q5216	B	0.9		
19	6.5		E	0		
IC5201	1	7.0	Q5217	B	0.9	
	3	6.9		E	0	
	4	14.1				
	5	7.6				
	7	14.1	Q5218	B	0.7	
	8	7.7		C	0	
	10	7.4	Q5219	B	0.7	
	12	1.4		C	0	
	14	0	Q5601	B	0.8	
	15	1.3		C	0.2	
	16	1.4				
	17	15.0				
	IC5202	1	6.0			
2		6.0				
3		6.0				



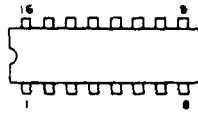
5-4. SEMICONDUCTORS

HD4033-A97S
LM1207N
MM1207XD



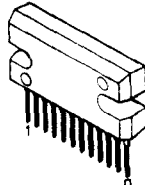
(Top view)

HD74HC123AP
TEA2262

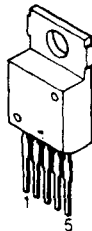


(TOP VIEW)

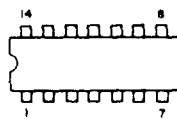
LA4630N



LA6500-FA

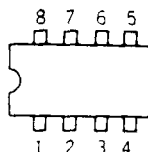


MC14066BCP
MC14584BCP
NJM2058D
TC74HC02AP



(TOP VIEW)

NJM082BD
NJM2903D
SN74HC02AN
ST93C46CB1
TL082ACP
 μ PC4557C
24LC21/P

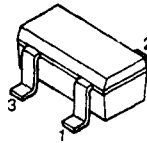


(Top view)

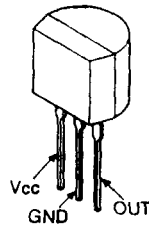
PQ12RF1



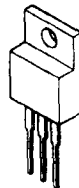
PST572DMT



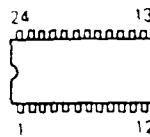
PST600D-T



PWR-TOP204YAI-BB

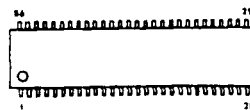


SNY422-SONY



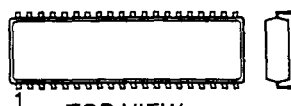
(Top view)

ST7271N58B1/CCK



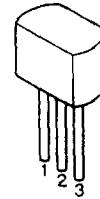
(TOP VIEW)

TA8184P

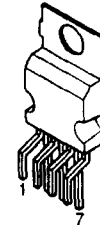


TOP VIEW

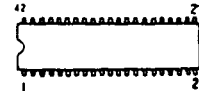
TDA8138



TDA8172



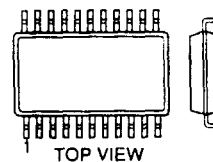
TDA9103



TL431CLP

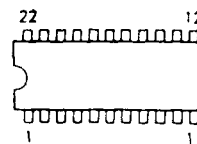


μ PC4558G2



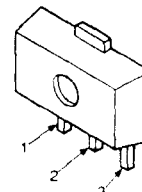
TOP VIEW

μ PC5023CS-095

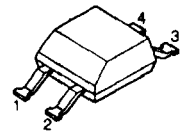


(Top view)

μ PC78L05T



PC123F2
PC123FY2

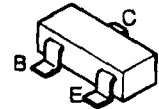


DTA124ESA
DTC124ESA
2SA1048-YGR
2SA1175-HFE
2SA1309A
2SC2785-HFE
2SC3311A

LETTER SIDE



DTC144EKA
DTC314TKH04
2SA1162G
2SB709A
2SC3624
2SD601A-Q



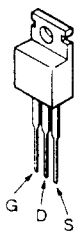
IRFPE40LF20
IRF9630G-LF
IRL1530G



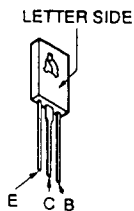
IRFPC40



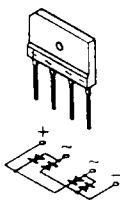
IRF614



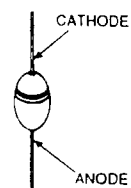
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2SC3271F-N
2SC3652



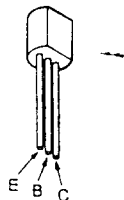
D4SB60L
GBU4JL-6088



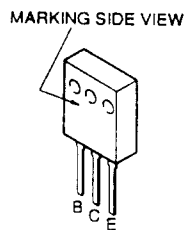
U05G



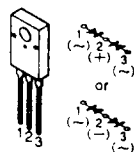
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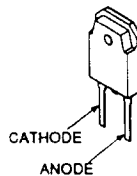
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D5LC20U
D8LC20U



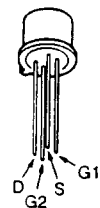
5TUZ52



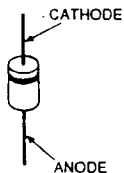
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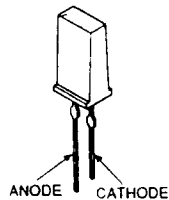
2SJ307



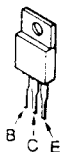
EGP10D
P6KE200AG23
RH1A



SEL1422G
SEL1922D-C



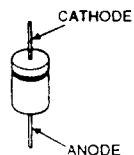
2CB1094-LK
2CB1375
2SC5022-02
2SC5129 (LB SONY)



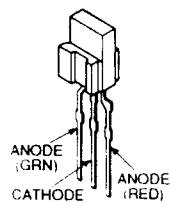
2SK738



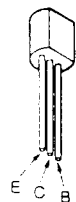
EGP30D
SB340



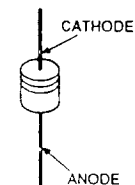
SPB-26MVWF



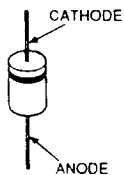
2SC2001-LK
2SC3941A-Q



D1N20R
EGP10G
MTZJ-T-77-6.2
MTZJ-6.2
RD10ES-B2
RD12ES-B2
RD15ES-B2
RD18ES-B2
RD2.7ES-B2
RD27ES-B2
RD4.7ES-B2
RD5.6ES-B1
RD5.6ES-B2
RD6.2ES-B
RD6.8ES-B2
1SS119-25

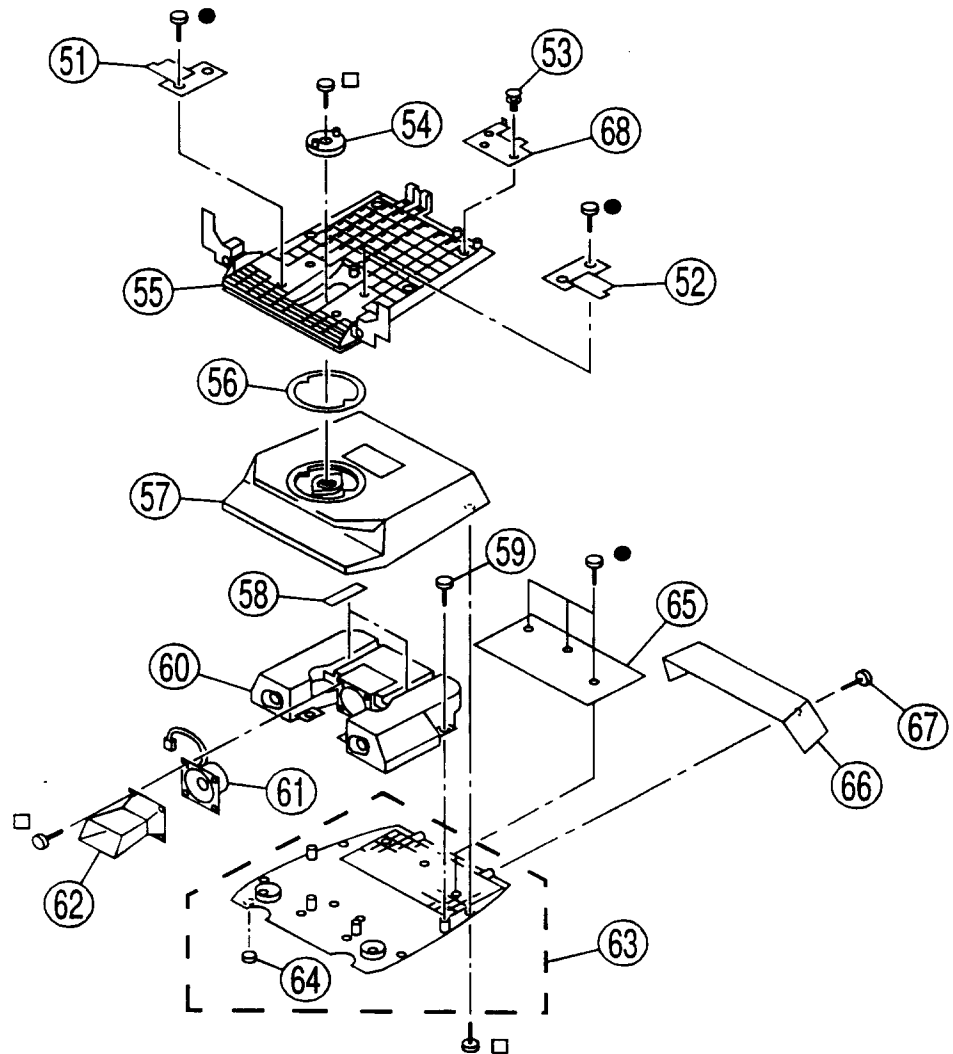


GP08D
GP08DPKG23
GP104005-E
HSS82
MTZJ-T-77-18
RD7.5F-B
RD7.5F-B3
RGP02-20EL-6394
RGP10D
UF3ML-6505
UF4005
UF4007G23
1SS82
1SS83
3DL41A



6-2. STAND BLOCK

- 7-685-648-79 +BVTP 3X12
 □ 7-685-663-71 +BVTP 4X16



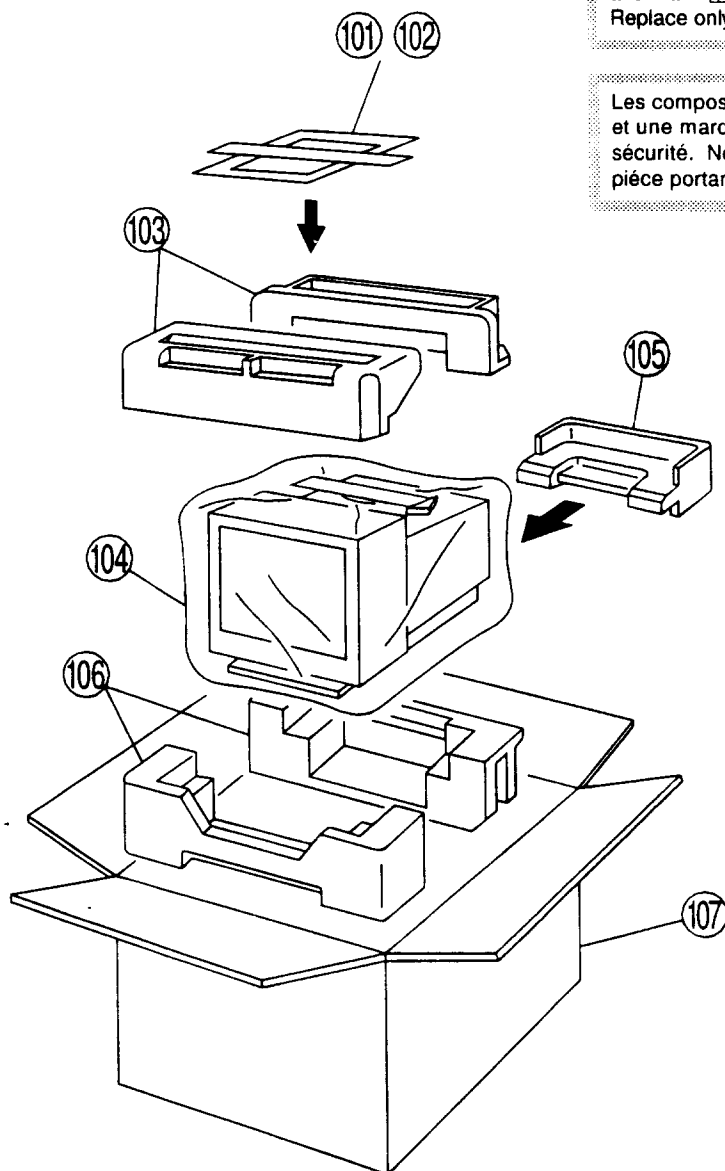
REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
51	* 4-054-685-01	COVER (L), CABLE		61	1-505-440-11	SPEAKER (7CM)	
52	* 4-054-684-01	COVER (R), CABLE		62	* X-4033-863-1	HORN ASSY, FRONT	
53	4-812-134-00	RIVET (DIA. 3.5), NYLON		63	X-4033-845-1	BASE (LOWER) ASSY, STAND	64
54	4-045-121-01	STOPPER (A), STAND		64	4-047-474-01	FOOT, RUBBER	
55	4-054-678-01	COVER, BOTTOM		65	* 8-933-206-00	U BOARD, COMPLETE	
56	4-045-122-01	RING, TILT SWIVEL		66	4-054-666-01	BASE (REAR), STAND	
57	X-4033-771-1	BASE (UPPER) ASSY, STAND		67	4-052-070-01	SCREW +BVTP 4X16	
58	* 4-054-687-01	CUSHION, CABLE		68	* 4-055-361-01	SHIELD, D	
59	4-384-096-01	SCREW (4X16), TAPPING. +P					
60	X-4033-848-1	BOX ASSY, SPEAKER					

6-3. PACKING MATERIALS

NOTE:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par un tramé et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
101	3-858-105-11	MANUAL, INSTRUCTION		105	* 4-054-695-01	PAD, TILT FIXED	
102	\triangle 1-534-827-14	CORD, POWER 10A/125V		106	* 4-054-692-01	CUSHION (LOWER) (ASSY)	
103	* 4-054-689-01	CUSHION (UPPER) (ASSY)		107	* 4-054-688-01	INDIVIDUAL CARTON	
104	* 4-381-155-11	BAG, PROTECTION					



SECTION 7

ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

The components identified by Δ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

All resistors are in ohms
F : nonflammable

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
* 8-933-131-00 A BOARD, COMPLETE *****				C109	1-102-119-00	CERAMIC	0.0015MF 10% 50V
* X-4033-626-1 COVER ASSY. VIDEO				C111	1-126-967-11	ELECT	47MF 20% 16V
4-382-854-11 SCREW (M3X10), P, SW (+) (Q102, Q104, Q202, Q204, Q302, Q304)				C112	1-102-116-00	CERAMIC	680pF 10% 50V
<CAPACITOR>				C113	1-136-165-00	FILM	0.1MF 5% 50V
C001	1-126-933-11	ELECT	100MF 20% 16V	C114	1-126-964-11	ELECT	10MF 20% 50V
C002	1-102-951-00	CERAMIC	15pF 5% 50V	C115	1-136-165-00	FILM	0.1MF 5% 50V
C004	1-136-165-00	FILM	0.1MF 5% 50V	C116	1-136-165-00	FILM	0.1MF 5% 50V
C006	1-102-852-91	CERAMIC	47pF 5% 50V	C150	1-136-165-00	FILM	0.1MF 5% 50V
C007	1-126-967-11	ELECT	47MF 20% 16V	C201	1-126-964-11	ELECT	10MF 20% 50V
C010	1-136-165-00	FILM	0.1MF 5% 50V	C203	1-136-165-00	FILM	0.1MF 5% 50V
C011	1-126-967-11	ELECT	47MF 20% 16V	C204	1-136-173-00	FILM	0.47MF 5% 50V
C012	1-126-935-11	ELECT	470MF 20% 16V	C205	1-136-165-00	FILM	0.1MF 5% 50V
C013	1-126-935-11	ELECT	470MF 20% 16V	C206	1-107-608-11	CERAMIC	68pF 5% 500V
C015	1-136-173-00	FILM	0.47MF 5% 50V	C207	1-102-965-00	CERAMIC	39pF 5% 50V
C016	1-126-963-11	ELECT	4.7MF 20% 50V	C208	1-136-165-00	FILM	0.1MF 5% 50V
C017	1-136-165-00	FILM	0.1MF 5% 50V	C209	1-102-121-00	CERAMIC	0.0022MF 10% 50V
C022	1-126-933-11	ELECT	100MF 20% 16V	C212	1-102-117-00	CERAMIC	820pF 10% 50V
C023	1-126-964-11	ELECT	10MF 20% 50V	C214	1-126-964-11	ELECT	10MF 20% 50V
C024	1-126-964-11	ELECT	10MF 20% 50V	C215	1-136-165-00	FILM	0.1MF 5% 50V
C029	1-126-964-11	ELECT	10MF 20% 50V	C216	1-136-165-00	FILM	0.1MF 5% 50V
C031	1-162-318-11	CERAMIC	0.001MF 10% 500V	C217	1-136-165-00	FILM	0.1MF 5% 50V
C033	1-136-165-00	FILM	0.1MF 5% 50V	C250	1-124-903-11	ELECT	1MF 20% 50V
C034	1-162-318-11	CERAMIC	0.001MF 10% 500V	C301	1-126-964-11	ELECT	10MF 20% 50V
C035	1-162-134-11	CERAMIC	470pF 10% 2KV	C303	1-136-165-00	FILM	0.1MF 5% 50V
C036	1-102-951-00	CERAMIC	15pF 5% 50V	C304	1-136-173-00	FILM	0.47MF 5% 50V
C037	1-128-551-11	ELECT	22MF 20% 25V	C305	1-136-165-00	FILM	0.1MF 5% 50V
C038	1-137-370-11	FILM	0.01MF 5% 50V	C306	1-107-608-11	CERAMIC	68pF 5% 500V
C044	1-136-165-00	FILM	0.1MF 5% 50V	C307	1-102-852-91	CERAMIC	47pF 5% 50V
C055	1-102-951-00	CERAMIC	15pF 5% 50V	C308	1-136-165-00	FILM	0.1MF 5% 50V
C088	1-126-933-11	ELECT	100MF 20% 16V	C309	1-102-119-00	CERAMIC	0.0015MF 10% 50V
C091	1-136-165-00	FILM	0.1MF 5% 50V	C312	1-102-117-00	CERAMIC	820pF 10% 50V
C092	1-136-165-00	FILM	0.1MF 5% 50V	C314	1-126-964-11	ELECT	10MF 20% 50V
C100	1-126-967-11	ELECT	47MF 20% 16V	C315	1-136-165-00	FILM	0.1MF 5% 50V
C101	1-126-964-11	ELECT	10MF 20% 50V	C316	1-107-943-11	ELECT	10MF 20% 160V
C103	1-136-165-00	FILM	0.1MF 5% 50V	C317	1-136-165-00	FILM	0.1MF 5% 50V
C104	1-136-173-00	FILM	0.47MF 5% 50V	<CONNECTOR>			
C105	1-136-165-00	FILM	0.1MF 5% 50V	CN302	1-695-915-11	TAB (CONTACT)	
C106	1-107-608-11	CERAMIC	68pF 5% 500V	CN303	1-695-915-11	TAB (CONTACT)	
C107	1-102-516-11	CERAMIC	27pF 5% 50V	CN305*1-564-514-11	PLUG, CONNECTOR		11P
				CN306*1-564-515-11	PLUG, CONNECTOR		12P
				CN307*1-564-512-11	PLUG, CONNECTOR		9P

The components identified by shading
and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par un trame
et une marque Δ sont critiques pour la
sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

A

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	CN308*	1-564-507-11 PLUG, CONNECTOR	4P			<IC>	
		<DIODE>					
D002	8-719-911-19	DIODE 1SS119-25		IC001	8-759-335-25	IC LM1207N	
D003	8-719-911-19	DIODE 1SS119-25		IC002	8-759-232-03	IC TC74HC02AP	
D004	8-719-109-89	ZENER DIODE RD5.6ESB2		IC003	8-759-348-09	IC SNY422-SONY	
D005	8-719-911-19	DIODE 1SS119-25		IC004	8-759-711-28	IC NJM2058D	
D010	8-719-911-19	DIODE 1SS119-25		IC005	8-759-399-78	IC 24LC21/P	
						<JACK>	
D012	8-719-109-97	ZENER DIODE RD6.8ESB2		J001	Δ 1-251-335-11	SOCKET, CRT	
D014	8-719-911-19	DIODE 1SS119-25				<COIL>	
D101	8-719-911-19	DIODE 1SS119-25					
D102	8-719-911-19	DIODE 1SS119-25		L102	1-414-142-11	INDUCTOR 1UH	
D103	8-719-911-19	DIODE 1SS119-25		L202	1-414-142-11	INDUCTOR 1UH	
				L302	1-414-142-11	INDUCTOR 1UH	
D104	8-719-970-83	DIODE HSS82				<TRANSISTOR>	
D105	8-719-970-83	DIODE HSS82					
D106	8-719-109-89	ZENER DIODE RD5.6ESB2		Q001	8-729-032-61	TRANSISTOR 2SC5022-02	
D107	8-719-109-89	ZENER DIODE RD5.6ESB2		Q002	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D108	8-719-109-89	ZENER DIODE RD5.6ESB2		Q003	8-729-119-76	TRANSISTOR 2SA1175-HFE	
				Q004	8-729-326-11	TRANSISTOR 2SC2611	
D109	8-719-109-89	ZENER DIODE RD5.6ESB2		Q005	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D201	8-719-911-19	DIODE 1SS119-25					
D202	8-719-911-19	DIODE 1SS119-25		Q006	8-719-911-19	DIODE 1SS119-25	
D203	8-719-911-19	DIODE 1SS119-25		Q101	8-729-103-19	TRANSISTOR 2SA1206-K1	
D204	8-719-970-83	DIODE HSS82		Q102	8-729-019-70	TRANSISTOR 2SC3955-DE	
				Q103	8-729-031-84	TRANSISTOR 2SC3652	
D205	8-719-970-83	DIODE HSS82		Q104	8-729-823-07	TRANSISTOR 2SA1540-DE	
D301	8-719-911-19	DIODE 1SS119-25		Q105	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D302	8-719-911-19	DIODE 1SS119-25		Q201	8-729-103-19	TRANSISTOR 2SA1206-K1	
D303	8-719-911-19	DIODE 1SS119-25		Q202	8-729-019-70	TRANSISTOR 2SC3955-DE	
D304	8-719-970-83	DIODE HSS82		Q203	8-729-031-84	TRANSISTOR 2SC3652	
				Q204	8-729-823-07	TRANSISTOR 2SA1540-DE	
D305	8-719-970-83	DIODE HSS82		Q205	8-729-119-78	TRANSISTOR 2SC2785-HFE	
				Q301	8-729-103-19	TRANSISTOR 2SA1206-K1	
<FERRITE BEAD>				Q302	8-729-019-70	TRANSISTOR 2SC3955-DE	
FB001	1-412-911-11	INDUCTOR, FERRITE BEAD		Q303	8-729-031-84	TRANSISTOR 2SC3652	
FB002	1-412-911-11	INDUCTOR, FERRITE BEAD		Q304	8-729-823-07	TRANSISTOR 2SA1540-DE	
FB003	1-412-911-11	INDUCTOR, FERRITE BEAD		Q305	8-729-119-78	TRANSISTOR 2SC2785-HFE	
FB004	1-412-537-31	INDUCTOR 100UH				<RESISTOR>	
FB005	1-412-911-11	INDUCTOR, FERRITE BEAD					
FB006	1-412-911-11	INDUCTOR, FERRITE BEAD		R001	1-249-417-11	CARBON 1K 5% 1/4W	
FB007	1-412-911-11	INDUCTOR, FERRITE BEAD		R002	1-215-438-00	METAL 5.1K 1% 1/4W	
FB010	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R003	1-249-437-11	CARBON 47K 5% 1/4W	
FB011	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R004	1-249-435-11	CARBON 33K 5% 1/4W	
FB012	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R005	1-249-417-11	CARBON 1K 5% 1/4W	
				R006	1-249-429-11	CARBON 10K 5% 1/4W	
FB013	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R007	1-249-417-11	CARBON 1K 5% 1/4W	
FB014	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R008	1-249-421-11	CARBON 2.2K 5% 1/4W	
				R009	1-247-807-31	CARBON 100 5% 1/4W	
<FILTER>				R010	1-247-807-31	CARBON 100 5% 1/4W	
FL002	1-249-413-11	CARBON 470 5% 1/4W		R011	1-249-439-11	CARBON 68K 5% 1/4W	
FL101	1-239-973-11	FILTER, EMI		R012	1-247-807-31	CARBON 100 5% 1/4W	
FL201	1-239-973-11	FILTER, EMI		R013	1-247-807-31	CARBON 100 5% 1/4W	
FL301	1-239-973-11	FILTER, EMI					



REF.NO.	PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTION		REMARK
R014	1-247-807-31	CARBON	100	5% 1/4W	R133	1-249-415-11	CARBON	680	5% 1/4W
R015	1-215-887-00	METAL OXIDE	150	5% 2W F	R134	1-215-477-00	METAL	220K	1% 1/4W
R016	1-249-429-11	CARBON	10K	5% 1/4W	R150	1-249-413-11	CARBON	470	5% 1/4W
R017	1-249-421-11	CARBON	2.2K	5% 1/4W	R151	1-202-549-00	SOLID	100	20% 1/2W
R018	1-249-413-11	CARBON	470	5% 1/4W	R162	1-215-418-00	METAL	750	1% 1/4W
R019	1-247-815-91	CARBON	220	5% 1/4W	R163	1-249-419-11	CARBON	1.5K	5% 1/4W
R020	1-249-429-11	CARBON	10K	5% 1/4W	R164	1-249-424-11	CARBON	3.9K	5% 1/4W
R021	1-249-429-11	CARBON	10K	5% 1/4W	R165	1-249-437-11	CARBON	47K	5% 1/4W
R022	1-247-887-00	CARBON	220K	5% 1/4W	R201	1-215-382-00	METAL	24	1% 1/4W
R023	1-249-437-11	CARBON	47K	5% 1/4W	R202	1-215-390-00	METAL	51	1% 1/4W
R025	1-249-417-11	CARBON	1K	5% 1/4W	R203	1-249-437-11	CARBON	47K	5% 1/4W
R026	1-249-421-11	CARBON	2.2K	5% 1/4W	R204	1-247-807-31	CARBON	100	5% 1/4W
R027	1-249-437-11	CARBON	47K	5% 1/4W	R205	1-249-437-11	CARBON	47K	5% 1/4W
R028	1-216-372-11	METAL OXIDE	1.8	5% 2W F	R206	1-249-415-11	CARBON	680	5% 1/4W
R030	1-249-441-11	CARBON	100K	5% 1/4W	R207	1-249-406-11	CARBON	120	5% 1/4W F
R031	1-247-815-91	CARBON	220	5% 1/4W	R208	1-249-437-11	CARBON	47K	5% 1/4W
R032	1-247-807-31	CARBON	100	5% 1/4W	R211	1-215-425-00	METAL	1.5K	1% 1/4W
R033	1-249-393-11	CARBON	10	5% 1/4W	R212	1-215-413-00	METAL	470	1% 1/4W
R039	1-249-417-11	CARBON	1K	5% 1/4W	R213	1-249-401-11	CARBON	47	5% 1/4W F
R044	1-249-435-11	CARBON	33K	5% 1/4W	R214	1-249-393-11	CARBON	10	5% 1/4W
R045	1-249-421-11	CARBON	2.2K	5% 1/4W	R215	1-249-412-11	CARBON	390	5% 1/4W
R046	1-219-621-91	METAL	22M	10% 1/4W	R216	1-247-791-91	CARBON	22	5% 1/4W
R047	1-249-441-11	CARBON	100K	5% 1/4W	R218	1-249-401-11	CARBON	47	5% 1/4W F
R048	1-211-885-21	METAL	2.2M	5% 1W	R219	1-249-414-11	CARBON	560	5% 1/4W F
R049	1-249-435-11	CARBON	33K	5% 1/4W	R220	1-219-795-11	METAL	33K	1% 1W F
R050	1-249-401-11	CARBON	47	5% 1/4W	R221	1-216-443-11	METAL OXIDE	56K	5% 1W F
R051	1-249-401-11	CARBON	47	5% 1/4W	R222	1-215-878-00	METAL OXIDE	33K	5% 1W F
R052	1-249-401-11	CARBON	47	5% 1/4W	R223	1-249-397-11	CARBON	22	5% 1/4W F
R054	1-249-417-11	CARBON	1K	5% 1/4W	R225	1-249-441-11	CARBON	100K	5% 1/4W
R064	1-202-830-00	SOLID	10K	20% 1/2W	R226	1-249-415-11	CARBON	680	5% 1/4W
R077	1-249-416-11	CARBON	820	5% 1/4W	R230	1-215-469-00	METAL	100K	1% 1/4W
R089	1-249-398-11	CARBON	27	5% 1/4W	R231	1-215-435-00	METAL	3.9K	1% 1/4W
R101	1-215-382-00	METAL	24	1% 1/4W	R232	1-215-429-00	METAL	2.2K	1% 1/4W
R102	1-215-390-00	METAL	51	1% 1/4W	R233	1-249-415-11	CARBON	680	5% 1/4W
R103	1-215-447-00	METAL	12K	1% 1/4W	R234	1-215-477-00	METAL	220K	1% 1/4W
R104	1-247-807-31	CARBON	100	5% 1/4W	R250	1-249-413-11	CARBON	470	5% 1/4W
R105	1-249-437-11	CARBON	47K	5% 1/4W	R251	1-202-549-00	SOLID	100	20% 1/2W
R106	1-249-415-11	CARBON	680	5% 1/4W	R262	1-215-418-00	METAL	750	1% 1/4W
R107	1-249-406-11	CARBON	120	5% 1/4W F	R263	1-249-419-11	CARBON	1.5K	5% 1/4W
R111	1-215-425-00	METAL	1.5K	1% 1/4W	R264	1-249-424-11	CARBON	3.9K	5% 1/4W
R112	1-215-413-00	METAL	470	1% 1/4W	R265	1-249-437-11	CARBON	47K	5% 1/4W
R113	1-249-401-11	CARBON	47	5% 1/4W F	R301	1-215-382-00	METAL	24	1% 1/4W
R114	1-249-393-11	CARBON	10	5% 1/4W	R302	1-215-390-00	METAL	51	1% 1/4W
R115	1-249-412-11	CARBON	390	5% 1/4W	R303	1-249-437-11	CARBON	47K	5% 1/4W
R116	1-247-791-91	CARBON	22	5% 1/4W	R304	1-247-807-31	CARBON	100	5% 1/4W
R118	1-249-401-11	CARBON	47	5% 1/4W F	R305	1-249-437-11	CARBON	47K	5% 1/4W
R119	1-249-414-11	CARBON	560	5% 1/4W F	R306	1-249-415-11	CARBON	680	5% 1/4W
R120	1-219-795-11	METAL	33K	1% 1W F	R307	1-249-405-11	CARBON	100	5% 1/4W F
R121	1-216-443-11	METAL OXIDE	56K	5% 1W F	R308	1-249-437-11	CARBON	47K	5% 1/4W
R122	1-215-878-00	METAL OXIDE	33K	5% 1W F	R309	1-215-437-00	METAL	4.7K	1% 1/4W
R123	1-249-397-11	CARBON	22	5% 1/4W F	R310	1-215-437-00	METAL	4.7K	1% 1/4W
R125	1-249-441-11	CARBON	100K	5% 1/4W	R311	1-215-425-00	METAL	1.5K	1% 1/4W
R126	1-249-415-11	CARBON	680	5% 1/4W	R312	1-215-405-00	METAL	220	1% 1/4W
R130	1-215-469-00	METAL	100K	1% 1/4W	R313	1-249-401-11	CARBON	47	5% 1/4W F
R131	1-215-435-00	METAL	3.9K	1% 1/4W	R314	1-249-392-11	CARBON	8.2	5% 1/4W
R132	1-215-429-00	METAL	2.2K	1% 1/4W	R315	1-249-412-11	CARBON	390	5% 1/4W



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R316	1-247-791-91	CARBON	22 5% 1/4W	C403	1-126-965-11	ELECT	22MF 20% 50V
R318	1-249-401-11	CARBON	47 5% 1/4W F	C404	1-136-203-11	FILM	0.01MF 5% 630V
R319	1-249-414-11	CARBON	560 5% 1/4W F	C405	1-136-173-00	FILM	0.47MF 5% 50V
R320	1-219-795-11	METAL	33K 1% 1W F	C406	1-137-375-11	FILM	0.068MF 5% 50V
R321	1-216-443-11	METAL OXIDE	56K 5% 1W F	C407	1-126-964-11	ELECT	10MF 20% 50V
R322	1-215-878-00	METAL OXIDE	33K 5% 1W F	C408	1-126-964-11	ELECT	10MF 20% 50V
R323	1-249-397-11	CARBON	22 5% 1/4W F	C409	1-124-903-11	ELECT	1MF 20% 50V
R325	1-249-441-11	CARBON	100K 5% 1/4W	C410	1-126-964-11	ELECT	10MF 20% 50V
R326	1-249-415-11	CARBON	680 5% 1/4W	C411	1-102-112-00	CERAMIC	330pF 10% 50V
R330	1-215-469-00	METAL	100K 1% 1/4W	C412	1-101-810-00	CERAMIC	100pF 5% 500V
R331	1-215-435-00	METAL	3.9K 1% 1/4W	C413	1-126-964-11	ELECT	10MF 20% 50V
R332	1-215-429-00	METAL	2.2K 1% 1/4W	C414	1-137-370-11	FILM	0.01MF 5% 50V
R333	1-249-415-11	CARBON	680 5% 1/4W	C415	1-107-714-11	ELECT	10MF 20% 16V
R334	1-215-477-00	METAL	220K 1% 1/4W	C501	1-104-664-11	ELECT	47MF 20% 25V
R350	1-249-413-11	CARBON	470 5% 1/4W	C503	1-107-667-11	ELECT	2.2MF 20% 160V
R351	1-202-549-00	SOLID	100 20% 1/2W	C504	1-104-664-11	ELECT	47MF 20% 25V
R362	1-215-418-00	METAL	750 1% 1/4W	C505	1-107-974-11	CERAMIC	47pF 5% 2KV
R363	1-249-419-11	CARBON	1.5K 5% 1/4W	C506	1-136-105-00	FILM	0.33MF 5% 200V
R364	1-249-424-11	CARBON	3.9K 5% 1/4W	C507	1-126-964-11	ELECT	10MF 20% 50V
R365	1-249-437-11	CARBON	47K 5% 1/4W	C509	1-137-378-11	FILM	0.22MF 5% 50V
				C510	1-128-526-11	ELECT	100MF 20% 25V
		<VARIABLE RESISTOR>		C511	1-137-370-11	FILM	0.01MF 5% 50V
RV001	1-241-787-11	RES. ADJ. CARBON	47K (G2)	C512	1-137-370-11	FILM	0.01MF 5% 50V
		<SPARK GAP>		C513	1-106-391-12	MYLAR	0.1MF 10% 200V
SG001	1-519-422-11	GAP, SPARK		C514	1-101-006-00	CERAMIC	0.047MF 50V
SG101	1-519-504-11	GAP, DISCHARGE		C515	1-106-228-00	MYLAR	0.22MF 10% 100V
SG201	1-519-504-11	GAP, DISCHARGE		C516	1-137-399-11	FILM	0.1MF 5% 50V
SG301	1-519-504-11	GAP, DISCHARGE		C517	1-107-894-11	ELECT	220MF 20% 35V
		<CRYSTAL>		C518	1-102-002-00	CERAMIC	680pF 10% 500V
X1	1-567-890-11	VIBRATOR, CRYSTAL		C519	1-137-370-11	FILM	0.01MF 5% 50V
				C520	1-126-942-61	ELECT	1000MF 20% 25V
				C521	1-128-528-11	ELECT	470MF 20% 25V
				C522	1-137-374-11	FILM	0.047MF 5% 50V
				C523	1-137-399-11	FILM	0.1MF 5% 50V
				C524	1-124-903-11	ELECT	1MF 20% 50V
				C525	1-126-964-11	ELECT	10MF 20% 50V
				C526	1-136-169-00	FILM	0.22MF 5% 50V
				C527	1-106-343-00	MYLAR	0.001MF 10% 100V
				C528	1-126-965-11	ELECT	22MF 20% 50V
				C532	1-106-367-00	MYLAR	0.01MF 10% 200V
				C533	1-101-821-00	CERAMIC	0.0022MF 500V
				C534	1-115-349-51	CERAMIC	0.01MF 2KV
				C535	1-161-754-00	CERAMIC	0.001MF 10% 2KV
				C536	1-115-349-51	CERAMIC	0.01MF 2KV
				C540	1-136-539-11	FILM	0.0022MF 3% 2KV
				C541	1-109-997-11	FILM	0.0043MF 3% 2.5KV
				C542	1-137-368-11	FILM	0.0047MF 5% 50V
				C543	1-102-973-00	CERAMIC	100pF 5% 50V
				C544	1-137-364-11	FILM	0.001MF 5% 50V
				C547	1-126-941-11	ELECT	470MF 20% 25V
				C548	1-137-425-11	FILM	0.33MF 10% 100V
				C549	1-137-399-11	FILM	0.1MF 5% 50V
				C550	1-109-960-11	FILM	0.43MF 5% 400V
				C551	1-102-106-00	CERAMIC	100pF 10% 50V
				C562	1-136-946-11	FILM	0.12MF 5% 200V
				C563	1-102-110-00	CERAMIC	220pF 10% 50V
C077	1-162-318-11	CERAMIC	0.001MF 10% 500V				
C079	1-109-878-11	CERAMIC	15pF 5% 2KV				
C401	1-137-399-11	FILM	0.1MF 5% 50V				
C402	1-137-370-11	FILM	0.01MF 5% 50V				



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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C565	1-136-244-11	FILM	0.1MF 5% 50V	C650	1-126-933-11	ELECT	100MF 20% 16V
C567	1-136-121-00	FILM	0.27MF 5% 200V	C651	1-137-364-11	FILM	0.001MF 5% 50V
C569	1-137-370-11	FILM	0.01MF 5% 50V	C652	1-137-364-11	FILM	0.001MF 5% 50V
C570	1-136-853-11	FILM	0.56MF 5% 200V	C653	1-137-364-11	FILM	0.001MF 5% 50V
C571	1-124-903-11	ELECT	1MF 20% 50V	C654	1-137-364-11	FILM	0.001MF 5% 50V
C573	1-137-364-11	FILM	0.001MF 5% 50V	C655	1-137-364-11	FILM	0.001MF 5% 50V
C577	1-102-106-00	CERAMIC	100pF 10% 50V	C901	1-137-399-11	FILM	0.1MF 5% 50V
C578	1-126-952-11	ELECT	1000MF 20% 16V	C902	1-137-366-11	FILM	0.0022MF 5% 50V
C580	1-137-367-11	FILM	0.0033MF 5% 50V	C903	1-102-951-00	CERAMIC	15pF 5% 50V
C581	1-137-399-11	FILM	0.1MF 5% 50V	C904	1-137-399-11	FILM	0.1MF 5% 50V
C582	1-161-754-00	CERAMIC	0.001MF 10% 2KV	C905	1-137-399-11	FILM	0.1MF 5% 50V
C583	1-106-375-12	MYLAR	0.022MF 10% 100V	C906	1-137-399-11	FILM	0.1MF 5% 50V
C584	1-101-361-00	CERAMIC	150pF 5% 50V	C907	1-126-963-11	ELECT	4.7MF 20% 50V
C585	1-102-002-00	CERAMIC	680pF 10% 500V	C908	1-102-951-00	CERAMIC	15pF 5% 50V
C587	1-137-399-11	FILM	0.1MF 5% 50V	C909	1-102-106-00	CERAMIC	100pF 10% 50V
C590	1-126-965-11	ELECT	22MF 20% 50V	C911	1-126-768-11	ELECT	2200MF 20% 16V
C591	1-102-106-00	CERAMIC	100pF 10% 50V	C912	1-136-165-00	FILM	0.1MF 5% 50V
C593	1-136-105-00	FILM	0.33MF 5% 200V	C916	1-124-925-11	ELECT	2.2MF 20% 50V
C594	1-137-365-11	FILM	0.0015MF 5% 50V	C917	1-124-925-11	ELECT	2.2MF 20% 50V
C595	1-137-370-11	FILM	0.01MF 5% 50V	C918	1-124-925-11	ELECT	2.2MF 20% 50V
C596	1-102-114-00	CERAMIC	470pF 10% 50V	C919	1-124-925-11	ELECT	2.2MF 20% 50V
C599	1-128-526-11	ELECT	100MF 20% 25V	C920	1-124-925-11	ELECT	2.2MF 20% 50V
C601 Δ	1-107-533-51	FILM	1MF 20% 250V	C921	1-124-925-11	ELECT	2.2MF 20% 50V
C602 Δ	1-104-708-51	FILM	0.47MF 20% 250V	C922	1-137-399-11	FILM	0.1MF 5% 50V
C603 Δ	1-113-912-51	CERAMIC	0.0047MF 20% 250V	C923	1-137-370-11	FILM	0.01MF 5% 50V
C604 Δ	1-113-912-51	CERAMIC	0.0047MF 20% 250V	C924	1-137-399-11	FILM	0.1MF 5% 50V
C605 Δ	1-113-894-51	CERAMIC	100pF 10% 250V	C925	1-126-934-11	ELECT	220MF 20% 16V
C606 Δ	1-113-894-51	CERAMIC	100pF 10% 250V	C926	1-137-364-11	FILM	0.001MF 5% 50V
C607	1-113-912-51	CERAMIC	0.0047MF 20% 250V	C928	1-137-370-11	FILM	0.01MF 5% 50V
C608	1-101-810-00	CERAMIC	100pF 5% 500V	C929	1-137-399-11	FILM	0.1MF 5% 50V
C609	1-109-984-11	ELECT	390MF 20% 400V	C930	1-124-768-11	ELECT	4.7MF 20% 35V
C610	1-162-115-00	CERAMIC	330pF 10% 2KV	C931	1-136-169-00	FILM	0.22MF 5% 50V
C611	1-125-700-11	ELECT	220MF 20% 200V	C932	1-137-399-11	FILM	0.1MF 5% 50V
C612	1-162-318-11	CERAMIC	0.001MF 10% 500V	C933	1-126-934-11	ELECT	220MF 20% 16V
C613	1-107-947-11	ELECT	220MF 20% 160V	C934	1-124-925-11	ELECT	2.2MF 20% 50V
C615	1-107-891-11	ELECT	3300MF 20% 25V	C935	1-136-169-00	FILM	0.22MF 5% 50V
C616	1-107-896-11	ELECT	470MF 20% 35V	C936	1-137-399-11	FILM	0.1MF 5% 50V
C617	1-126-105-11	ELECT	1000MF 20% 25V	C937	1-126-935-11	ELECT	470MF 20% 16V
C618	1-126-105-11	ELECT	1000MF 20% 25V	C938	1-126-963-11	ELECT	4.7MF 20% 50V
C619	1-102-116-00	CERAMIC	680pF 10% 50V	C939	1-137-399-11	FILM	0.1MF 5% 50V
C620	1-136-203-11	FILM	0.01MF 5% 630V	C940	1-126-934-11	ELECT	220MF 20% 16V
C621	1-128-564-11	ELECT	220MF 20% 100V	C941	1-126-934-11	ELECT	220MF 20% 16V
C622	1-136-169-00	FILM	0.22MF 5% 50V	C942	1-137-370-11	FILM	0.01MF 5% 50V
C624	1-124-925-11	ELECT	2.2MF 20% 50V	C943	1-137-370-11	FILM	0.01MF 5% 50V
C625	1-102-114-00	CERAMIC	470pF 10% 50V	C944	1-104-665-11	ELECT	100MF 20% 25V
C626	1-137-364-11	FILM	0.001MF 5% 50V	C945	1-137-370-11	FILM	0.01MF 5% 50V
C627	1-102-114-00	CERAMIC	470pF 10% 50V	C946	1-102-106-00	CERAMIC	100pF 10% 50V
C628	1-126-963-11	ELECT	4.7MF 20% 50V	C947	1-102-115-00	CERAMIC	560pF 10% 50V
C630	1-126-964-11	ELECT	10MF 20% 50V	C948	1-137-399-11	FILM	0.1MF 5% 50V
C632	1-102-110-00	CERAMIC	220pF 10% 50V	C949	1-137-399-11	FILM	0.1MF 5% 50V
C633	1-102-074-00	CERAMIC	0.001MF 10% 50V	C951	1-136-173-00	FILM	0.47MF 5% 50V
C634	1-128-526-11	ELECT	100MF 20% 25V	C952	1-137-372-11	FILM	0.022MF 5% 50V
C635	1-128-528-11	ELECT	470MF 20% 16V	C953	1-137-372-11	FILM	0.022MF 5% 50V
C639	1-137-399-11	FILM	0.1MF 5% 50V	C954	1-137-399-11	FILM	0.1MF 5% 50V
C640	1-126-964-11	ELECT	10MF 20% 50V	C960	1-137-374-11	FILM	0.047MF 5% 50V
C641	1-137-364-11	FILM	0.001MF 5% 50V	C961	1-102-110-00	CERAMIC	220pF 10% 50V

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C962	1-124-925-11	ELECT	2.2MF 20% 50V	D601 Δ	8-719-025-88	DIODE GBU4JL-6088	
C964	1-137-364-11	FILM	0.001MF 5% 50V	D602	8-719-908-03	DIODE GP08D	
C965	1-136-165-00	FILM	0.1MF 5% 50V	D604	8-719-908-03	DIODE GP08D	
C967	1-102-114-00	CERAMIC	470pF 10% 50V	D605	8-719-048-62	DIODE UF3ML-6505	
C1801	1-102-112-00	CERAMIC	330pF 10% 50V	D607	8-719-054-51	DIODE D8LC20U-4012	
C1802	1-102-112-00	CERAMIC	330pF 10% 50V				
<CONNECTOR>				D608	8-719-979-50	DIODE EGP30D	
CN501*	1-580-798-11	CONNECTOR PIN (DY)	6P	D609	8-719-051-97	DIODE 3DL41A(LC6-15)	
CN504*	1-564-507-11	PLUG, CONNECTOR	4P	D610	8-719-053-19	DIODE UF4007G23	
CN505*	1-564-514-11	PLUG, CONNECTOR	11P	D611	8-719-300-76	DIODE RH-1A	
CN508*	1-564-515-11	PLUG, CONNECTOR	12P	D613	8-719-110-49	ZENER DIODE RD18ESB2	
CN509*	1-508-879-11	BASE POST					
CN510	1-695-915-11	TAB (CONTACT)		D614	8-719-911-19	DIODE 1SS119-25	
CN600 Δ	1-251-227-11	INLET, AC		D617	8-719-109-60	ZENER DIODE RD2.7ESB2	
CN601	1-691-960-11	PIN, CONNECTOR (PC BOARD)	3P	D618	8-719-911-19	DIODE 1SS119-25	
CN602	1-695-915-11	TAB (CONTACT)		D620	8-719-911-19	DIODE 1SS119-25	
CN603* Δ	1-580-689-11	PIN, CONNECTOR (PC BOARD)	4P	D621	8-719-911-19	DIODE 1SS119-25	
CN604*	1-691-134-11	PIN, CONNECTOR (PC BOARD)	2P	D651	8-719-911-19	DIODE 1SS119-25	
CN605*	1-506-371-00	PIN, CONNECTOR	2P	D901	8-719-911-19	DIODE 1SS119-25	
CN606	1-695-915-11	TAB (CONTACT)		D902	8-719-911-19	DIODE 1SS119-25	
CN607	1-695-915-11	TAB (CONTACT)		D904	8-719-109-89	ZENER DIODE RD5.6ESB2	
CN1801 *	1-564-508-11	PLUG, CONNECTOR	5P	D907	8-719-109-88	ZENER DIODE RD5.6ESB1	
<DIODE>				D909	8-719-911-19	DIODE 1SS119-25	
D401	8-719-110-41	ZENER DIODE RD15ESB2		D910	8-719-911-19	DIODE 1SS119-25	
D402	8-719-979-58	DIODE EGP10D		D911	8-719-911-19	DIODE 1SS119-25	
D403	8-719-908-03	DIODE GP08D		D912	8-719-911-19	DIODE 1SS119-25	
D404	8-719-908-03	DIODE GP08D		D913	8-719-911-19	DIODE 1SS119-25	
D405	8-719-908-03	DIODE GP08D					
D407	8-719-110-67	ZENER DIODE RD27ES-T1B2		D914	8-719-911-19	DIODE 1SS119-25	
D501	8-719-049-12	DIODE 5TUZ52		D915	8-719-911-19	DIODE 1SS119-25	
D502	8-719-979-58	DIODE EGP10D		D916	8-719-911-19	DIODE 1SS119-25	
D504	8-719-051-97	DIODE 3DL41A(LC6-15)		D917	8-719-911-19	DIODE 1SS119-25	
D505	8-719-110-17	ZENER DIODE RD10ESB2		D918	8-719-911-19	DIODE 1SS119-25	
D508	8-719-975-77	DIODE SB340					
D513	8-719-970-83	DIODE HSS82		D1801	8-719-311-90	DIODE SEL1922D-C	
D514	8-719-970-83	DIODE HSS82		D1802	8-719-109-93	ZENER DIODE RD6.2ESB2	
D515	8-719-979-58	DIODE EGP10GPKG23		D1808	8-719-045-19	DIODE SPB-26MVWF	
D517	8-719-109-97	ZENER DIODE RD6.8ESB2		<FUSE>			
D522	8-719-911-19	DIODE 1SS119-25		F601 Δ	1-576-231-11	FUSE (H.B.C.) 4A/250V	
D523	8-719-911-19	DIODE 1SS119-25			1-533-223-11	HOLDER, FUSE ; F601	
D525	8-719-110-31	ZENER DIODE RD12ESB2		<FERRITE BEAD>			
D526	8-719-018-82	DIODE RGP02-20EL-6394		FB501	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
D527	8-719-911-55	DIODE U05G		FB502	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
D528	8-719-979-58	DIODE EGP10D		FB601	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
D529	8-719-911-19	DIODE 1SS119-25		FB602	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
D530	8-719-901-83	DIODE 1SS83		FB603	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
D543	8-719-911-19	DIODE 1SS119-25		FB604	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
D544	8-719-911-19	DIODE 1SS119-25		FB605	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
D557	8-719-109-81	ZENER DIODE RD4.7ESB2		FB901	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
D596	8-719-911-19	DIODE 1SS119-25TD		FB902	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
D597	8-719-911-19	DIODE 1SS119-25TD		<TERMINAL>			
D598	8-719-110-41	ZENER DIODE RD15ESB2		GT002*	1-537-738-21	TERMINAL, EARTH	
D599	8-719-911-19	DIODE 1SS119-25					



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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<IC>							
IC400	8-759-803-42	IC LA6500-FA		Q601	8-729-142-46	TRANSISTOR 2SC2001-LK	
IC500	8-759-729-03	IC NJM2903D		Q602	8-729-926-52	TRANSISTOR IRFPC40	
IC501 Δ	8-759-342-07	IC UPC5023CS-095		Q603	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC502	8-759-054-26	IC HD74HC123AP		Q604	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC504	8-759-980-58	IC TDA8172		Q605	8-729-141-83	TRANSISTOR 2SB1094-LK	
IC600	8-759-045-84	IC MC14584BCP		Q606	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC601	8-759-335-24	IC TEA2262		Q650	8-729-029-86	TRANSISTOR DTC124ESA	
IC602	8-759-335-23	IC TDA8138		Q651	8-729-029-86	TRANSISTOR DTC124ESA	
IC901	8-759-348-61	IC ST7271N5B1/CBO		Q900	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC902	8-759-921-08	IC SN74HC02AN		Q901	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC903	8-759-165-81	IC PST600D-T		Q902	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC904	8-759-336-24	IC TDA9103		Q903	8-729-029-86	TRANSISTOR DTC124ESA	
IC905	8-759-000-49	IC MC14066BCP		Q904	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC908	8-759-503-91	IC TL082ACP		Q907	8-729-119-78	TRANSISTOR 2SC2785-HFE	
<COIL>				Q1801	8-729-029-40	TRANSISTOR DTA124ESA	
L501	1-412-550-11	INDUCTOR 1.2mH		Q1802	8-729-029-40	TRANSISTOR DTA124ESA	
L502	1-412-537-31	INDUCTOR 100UH		<RESISTOR>			
L504	1-459-104-00	COIL, WITH CORE		R002	1-247-807-31	CARBON 100 5% 1/4W	
L505	1-412-531-31	INDUCTOR 33UH		R003	1-247-807-31	CARBON 100 5% 1/4W	
L506	1-459-104-00	COIL, WITH CORE		R004	1-249-417-11	CARBON 1K 5% 1/4W	
L507	1-412-531-31	INDUCTOR 33UH		R005	1-249-417-11	CARBON 1K 5% 1/4W	
L513	1-409-896-11	COIL, HORIZONTAL LINEARITY		R006	1-249-421-11	CARBON 2.2K 5% 1/4W	
L601	1-412-537-31	INDUCTOR 100UH		R007	1-249-417-11	CARBON 1K 5% 1/4W	
L606	1-412-537-31	INDUCTOR 100UH		R008	1-249-417-11	CARBON 1K 5% 1/4W	
L608	1-406-665-11	COIL, CHOKE 100UH		R072	1-215-445-00	METAL 10K 1% 1/4W	
L900	1-412-537-31	INDUCTOR 100UH		R401	1-215-443-00	METAL 8.2K 1% 1/4W	
L901	1-412-537-31	INDUCTOR 100UH		R402	1-249-429-11	CARBON 10K 5% 1/4W	
L902	1-412-537-31	INDUCTOR 100UH		R403	1-249-439-11	CARBON 68K 5% 1/4W	
L903	1-412-537-31	INDUCTOR 100UH		R404	1-215-485-00	METAL 470K 1% 1/4W	
<IC LINK>				R405	1-249-401-11	CARBON 47 5% 1/4W	
PS401 Δ	1-532-838-41	LINK, IC 800mA/90V		R406	1-215-447-00	METAL 12K 1% 1/4W	
<TRANSISTOR>				R407	1-215-449-00	METAL 15K 1% 1/4W	
Q401	8-729-031-89	TRANSISTOR 2SC3941A-Q(TA)		R408	1-249-383-11	CARBON 1.5 5% 1/4W	F
Q402	8-729-119-78	TRANSISTOR 2SC2785-HFE		R409	1-215-429-00	METAL 2.2K 1% 1/4W	
Q403	8-729-119-76	TRANSISTOR 2SA1175-HFE		R410	1-215-883-11	METAL OXIDE 33 5% 2W	F
Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE		R411	1-215-460-00	METAL 43K 1% 1/4W	
Q502	8-729-035-87	TRANSISTOR 2SK1737-TP		R412	1-215-439-00	METAL 5.6K 1% 1/4W	
Q503	8-729-027-97	TRANSISTOR IRFI9630G-LF		R415	1-249-419-11	CARBON 1.5K 5% 1/4W	
Q507	8-729-030-67	TRANSISTOR 2SC5129(LBSONY1)		R416	1-249-441-11	CARBON 100K 5% 1/4W	
Q510	8-729-027-82	TRANSISTOR IRFPE40LF20		R417	1-215-427-00	METAL 1.8K 1% 1/4W	
Q512	8-729-027-96	TRANSISTOR IRLI530G		R418	1-216-391-11	METAL OXIDE 1.5 5% 3W	F
Q513	8-729-027-96	TRANSISTOR IRLI530G		R419	1-247-887-00	CARBON 220K 5% 1/4W	
Q514	8-729-027-96	TRANSISTOR IRLI530G		R420	1-247-889-00	CARBON 270K 5% 1/4W	
Q517	8-729-119-76	TRANSISTOR 2SA1175-HFE		R421	1-202-963-11	METAL 1 1% 1W	
Q520	8-729-029-86	TRANSISTOR DTC124ESA		R422	1-215-866-11	METAL OXIDE 330 5% 1W	F
Q522	8-729-143-79	TRANSISTOR 2SK738		R423	1-215-439-00	METAL 5.6K 1% 1/4W	
Q524	8-729-119-78	TRANSISTOR 2SC2785-HFE		R424	1-215-447-00	METAL 12K 1% 1/4W	
Q525	8-729-119-78	TRANSISTOR 2SC2785-HFE		R425	1-215-439-00	METAL 5.6K 1% 1/4W	
Q526	8-729-119-76	TRANSISTOR 2SA1175-HFE		R426	1-249-383-11	CARBON 1.5 5% 1/4W	F
				R427	1-215-447-00	METAL 12K 1% 1/4W	
				R428	1-249-421-11	CARBON 2.2K 5% 1/4W	
				R429	1-249-417-11	CARBON 1K 5% 1/4W	
				R436	1-216-392-11	METAL OXIDE 1.8 5% 3W	F
				R440	1-249-428-11	CARBON 8.2K 5% 1/4W	

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R441	1-249-405-11	CARBON	100 5% 1/4W F	R563	1-249-441-11	CARBON	100K 5% 1/4W
R444	1-247-863-91	CARBON	22K 5% 1/4W	R564	1-249-421-11	CARBON	2.2K 5% 1/4W
R445	1-215-888-00	METAL OXIDE	220 5% 2W F	R565	1-215-443-00	METAL	8.2K 1% 1/4W
R450	1-215-463-00	METAL	56K 1% 1/4W	R566	1-215-912-11	METAL OXIDE	150 5% 3W F
R451	1-216-474-11	METAL OXIDE	82 5% 3W F	R567	1-215-907-11	METAL OXIDE	22 5% 3W F
R452	1-249-428-11	CARBON	8.2K 5% 1/4W	R568	1-215-859-00	METAL OXIDE	22 5% 1W F
R453	1-216-474-11	METAL OXIDE	82 5% 3W F	R569	1-216-427-00	METAL OXIDE	120 5% 1W F
R454	1-219-683-11	METAL	220K 5% 1/2W	R570	1-215-441-00	METAL	6.8K 1% 1/4W
R455	1-216-393-00	METAL OXIDE	2.2 5% 3W F	R571	1-249-377-11	CARBON	0.47 5% 1/4W F
R457 Δ	1-215-476-91	METAL	200K 1% 1/4W	R572	1-249-426-11	CARBON	5.6K 5% 1/4W
R458	1-249-397-11	CARBON	22 5% 1/4W F	R573	1-249-429-11	CARBON	10K 5% 1/4W
R459	1-215-429-00	METAL	2.2K 1% 1/4W	R574	1-249-429-11	CARBON	10K 5% 1/4W
R460	1-215-429-00	METAL	2.2K 1% 1/4W	R575	1-249-426-11	CARBON	5.6K 5% 1/4W
R472	1-249-389-11	CARBON	4.7 5% 1/4W F	R576	1-249-425-11	CARBON	4.7K 5% 1/4W
R473	1-215-469-00	METAL	100K 1% 1/4W	R577	1-249-437-11	CARBON	47K 5% 1/4W
R474	1-215-493-00	METAL	1M 1% 1/4W	R582	1-249-426-11	CARBON	5.6K 5% 1/4W
R475	1-215-421-00	METAL	1K 1% 1/4W	R583	1-249-426-11	CARBON	5.6K 5% 1/4W
R480	1-249-397-11	CARBON	22 5% 1/4W F	R589	1-215-449-00	METAL	15K 1% 1/4W
R481	1-249-419-11	CARBON	1.5K 5% 1/4W	R601 Δ	1-202-882-91	SOLID	560K 20% 1/2W
R484	1-249-435-11	CARBON	33K 5% 1/4W	R602	1-202-933-61	FUSIBLE	0.1 10% 1/2W F
R485	1-249-421-11	CARBON	2.2K 5% 1/4W	R603	1-215-469-00	METAL	100K 1% 1/4W
R487	1-249-429-11	CARBON	10K 5% 1/4W	R604	1-211-874-11	FUSIBLE	0.12 10% 1/2W
R490	1-249-417-11	CARBON	1K 5% 1/4W F	R605	1-219-154-11	FUSIBLE	0.12 10% 1/4W
R492	1-215-472-00	METAL	130K 1% 1/4W	R606	1-211-874-11	FUSIBLE	0.12 10% 1/2W
R493	1-216-477-11	METAL OXIDE	270 5% 3W F	R607	1-216-345-11	METAL OXIDE	0.47 5% 1W F
R494	1-215-489-00	METAL	680K 1% 1/4W	R608	1-249-417-11	CARBON	1K 5% 1/4W
R496	1-215-467-00	METAL	82K 1% 1/4W	R609	1-249-417-11	CARBON	1K 5% 1/4W
R497	1-249-417-11	CARBON	1K 5% 1/4W F	R610	1-249-437-11	CARBON	47K 5% 1/4W
R498	1-215-461-00	METAL	47K 1% 1/4W	R611	1-249-408-11	CARBON	180 5% 1/4W
R499	1-249-377-11	CARBON	0.47 5% 1/4W F	R617	1-219-154-11	FUSIBLE	0.12 10% 1/4W
R502	1-249-417-11	CARBON	1K 5% 1/4W F	R620	1-215-925-11	METAL OXIDE	22K 5% 3W F
R503	1-249-437-11	CARBON	47K 5% 1/4W	R621 Δ	1-215-900-71	METAL OXIDE	22K 5% 2W F
R504	1-249-437-11	CARBON	47K 5% 1/4W	R623	1-249-436-11	CARBON	39K 5% 1/4W
R505	1-215-427-00	METAL	1.8K 1% 1/4W	R624	1-249-394-11	CARBON	12 5% 1/4W F
R506	1-247-883-00	CARBON	150K 5% 1/4W	R625	1-249-393-11	CARBON	10 5% 1/4W
R507	1-249-437-11	CARBON	47K 5% 1/4W	R626	1-249-429-11	CARBON	10K 5% 1/4W
R508	1-215-469-00	METAL	100K 1% 1/4W	R628	1-215-463-00	METAL	56K 1% 1/4W
R509	1-215-477-00	METAL	220K 1% 1/4W	R629	1-215-421-00	METAL	1K 1% 1/4W
R511	1-247-887-00	CARBON	220K 5% 1/4W	R630	1-207-983-00	WIREWOUND	0.18 10% 3W F
R512	1-249-438-11	CARBON	56K 5% 1/4W	R631	1-249-441-11	CARBON	100K 5% 1/4W
R516	1-215-447-00	METAL	12K 1% 1/4W	R632	1-247-863-91	CARBON	22K 5% 1/4W
R517	1-215-489-00	METAL	680K 1% 1/4W	R633	1-249-429-11	CARBON	10K 5% 1/4W
R518	1-215-475-00	METAL	180K 1% 1/4W	R634	1-215-433-00	METAL	3.3K 1% 1/4W
R519	1-249-437-11	CARBON	47K 5% 1/4W	R635	1-215-419-00	METAL	820 1% 1/4W
R520	1-215-443-00	METAL	8.2K 1% 1/4W	R636	1-247-791-91	CARBON	22 5% 1/4W
R521	1-215-867-00	METAL OXIDE	470 5% 1W F	R637	1-249-417-11	CARBON	1K 5% 1/4W
R524	1-216-447-00	METAL OXIDE	27 5% 2W F	R638	1-215-421-00	METAL	1K 1% 1/4W
R525	1-215-461-00	METAL	47K 1% 1/4W	R639	1-215-397-00	METAL	100 1% 1/4W
R526	1-215-465-00	METAL	68K 1% 1/4W	R640	1-215-397-00	METAL	100 1% 1/4W
R527	1-215-459-00	METAL	39K 1% 1/4W	R641	1-249-415-11	CARBON	680 5% 1/4W
R528	1-215-445-00	METAL	10K 1% 1/4W	R645	1-249-427-11	CARBON	6.8K 5% 1/4W
R529	1-249-415-11	CARBON	680 5% 1/4W	R646	1-215-463-00	METAL	56K 1% 1/4W
R530	1-249-931-11	CARBON	2.2K 5% 1/4W F	R647	1-215-435-00	METAL	3.9K 1% 1/4W
R531	1-249-432-11	CARBON	18K 5% 1/4W	R648	1-249-393-11	CARBON	10 5% 1/4W F
R532	1-249-429-11	CARBON	10K 5% 1/4W	R649	1-247-891-00	CARBON	330K 5% 1/4W
R535	1-249-429-11	CARBON	10K 5% 1/4W	R650	1-215-445-00	METAL	10K 1% 1/4W



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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R651	1-215-449-00 METAL	15K	1% 1/4W	R946	1-247-903-00 CARBON	1M	5% 1/4W
R652	1-249-429-11 CARBON	10K	5% 1/4W	R947	1-249-439-11 CARBON	68K	5% 1/4W
R656	1-249-403-11 CARBON	68	5% 1/4W	R948	1-247-903-00 CARBON	1M	5% 1/4W
R657	1-249-417-11 CARBON	1K	5% 1/4W	R949	1-247-883-00 CARBON	150K	5% 1/4W
R658	1-249-417-11 CARBON	1K	5% 1/4W	R950	1-247-883-00 CARBON	150K	5% 1/4W
R661 Δ	1-205-985-21 WIREWOUND	1.5	5% 20W	R951	1-247-883-00 CARBON	150K	5% 1/4W
R670	1-249-393-11 CARBON	10	5% 1/4W F	R952	1-247-883-00 CARBON	150K	5% 1/4W
R671	1-247-863-91 CARBON	22K	5% 1/4W	R953	1-249-425-11 CARBON	4.7K	5% 1/4W
R672	1-249-418-11 CARBON	1.2K	5% 1/4W	R954	1-249-425-11 CARBON	4.7K	5% 1/4W
R673	1-249-418-11 CARBON	1.2K	5% 1/4W	R955	1-249-436-11 CARBON	39K	5% 1/4W
R674	1-247-863-91 CARBON	22K	5% 1/4W	R956	1-249-421-11 CARBON	2.2K	5% 1/4W
R675	1-249-418-11 CARBON	1.2K	5% 1/4W	R957	1-247-852-11 CARBON	7.5K	5% 1/4W
R676	1-249-418-11 CARBON	1.2K	5% 1/4W	R958	1-249-420-11 CARBON	1.8K	5% 1/4W
R677	1-247-807-31 CARBON	100	5% 1/4W	R959	1-215-409-00 METAL	330	1% 1/4W
R678	1-247-863-91 CARBON	22K	5% 1/4W	R960	1-249-429-11 CARBON	10K	5% 1/4W
R679	1-211-874-11 FUSIBLE	0.12	10% 1/2W	R961	1-215-459-00 METAL	39K	1% 1/4W
R900	1-249-417-11 CARBON	1K	5% 1/4W	R962	1-249-417-11 CARBON	1K	5% 1/4W
R901	1-249-425-11 CARBON	4.7K	5% 1/4W	R963	1-249-441-11 CARBON	100K	5% 1/4W
R902	1-249-425-11 CARBON	4.7K	5% 1/4W	R965	1-249-417-11 CARBON	1K	5% 1/4W
R903	1-249-425-11 CARBON	4.7K	5% 1/4W	R966	1-249-441-11 CARBON	100K	5% 1/4W
R904	1-249-425-11 CARBON	4.7K	5% 1/4W	R967	1-249-425-11 CARBON	4.7K	5% 1/4W
R905	1-215-471-00 METAL	120K	1% 1/4W	R969	1-247-863-91 CARBON	22K	5% 1/4W
R907	1-249-417-11 CARBON	1K	5% 1/4W	R970	1-249-417-11 CARBON	1K	5% 1/4W
R908	1-247-863-91 CARBON	22K	5% 1/4W	R972	1-249-429-11 CARBON	10K	5% 1/4W
R910	1-249-437-11 CARBON	47K	5% 1/4W	R974	1-249-393-11 CARBON	10	5% 1/4W F
R912	1-215-477-00 METAL	220K	1% 1/4W	R975	1-249-421-11 CARBON	2.2K	5% 1/4W
R913	1-247-863-91 CARBON	22K	5% 1/4W	R976	1-249-429-11 CARBON	10K	5% 1/4W
R914	1-247-863-91 CARBON	22K	5% 1/4W	R977	1-249-417-11 CARBON	1K	5% 1/4W
R915	1-249-417-11 CARBON	1K	5% 1/4W	R979	1-249-417-11 CARBON	1K	5% 1/4W
R916	1-249-417-11 CARBON	1K	5% 1/4W	R980	1-249-417-11 CARBON	1K	5% 1/4W
R917	1-247-807-31 CARBON	100	5% 1/4W	R981	1-247-903-00 CARBON	1M	5% 1/4W
R918	1-249-435-11 CARBON	33K	5% 1/4W	R984	1-247-895-91 CARBON	470K	5% 1/4W
R919	1-249-425-11 CARBON	4.7K	5% 1/4W	R985	1-249-427-11 CARBON	6.8K	5% 1/4W
R920	1-249-417-11 CARBON	1K	5% 1/4W	R989	1-247-887-00 CARBON	220K	5% 1/4W
R921	1-247-863-91 CARBON	22K	5% 1/4W	R990	1-249-417-11 CARBON	1K	5% 1/4W
R923	1-249-425-11 CARBON	4.7K	5% 1/4W	R991	1-247-895-91 CARBON	470K	5% 1/4W
R924	1-249-432-11 CARBON	18K	5% 1/4W	R992	1-247-895-91 CARBON	470K	5% 1/4W
R925	1-215-451-00 METAL	18K	1% 1/4W	R993	1-249-417-11 CARBON	1K	5% 1/4W
R926	1-249-434-11 CARBON	27K	5% 1/4W	R994	1-249-431-11 CARBON	15K	5% 1/4W
R927	1-249-434-11 CARBON	27K	5% 1/4W	R997	1-249-414-11 CARBON	560	5% 1/4W
R928	1-249-434-11 CARBON	27K	5% 1/4W	R998	1-247-895-91 CARBON	470K	5% 1/4W
R929	1-249-436-11 CARBON	39K	5% 1/4W	R999	1-249-429-11 CARBON	10K	5% 1/4W
R930	1-247-881-00 CARBON	120K	5% 1/4W	R1000	1-249-440-11 CARBON	82K	5% 1/4W
R931	1-249-428-11 CARBON	8.2K	5% 1/4W	R1001	1-249-429-11 CARBON	10K	5% 1/4W
R932	1-249-428-11 CARBON	8.2K	5% 1/4W	R1002	1-249-417-11 CARBON	1K	5% 1/4W
R933	1-215-445-00 METAL	10K	1% 1/4W	R1801	1-215-433-00 METAL	3.3K	1% 1/4W
R934	1-249-428-11 CARBON	8.2K	5% 1/4W	R1803	1-215-419-00 METAL	820	1% 1/4W
R935	1-249-428-11 CARBON	8.2K	5% 1/4W	R1804	1-215-421-00 METAL	1K	1% 1/4W
R936	1-249-393-11 CARBON	10	5% 1/4W	R1805	1-215-425-00 METAL	1.5K	1% 1/4W
R937	1-249-428-11 CARBON	8.2K	5% 1/4W	R1807	1-249-413-11 CARBON	470	5% 1/4W
R938	1-249-425-11 CARBON	4.7K	5% 1/4W	R1808	1-249-413-11 CARBON	470	5% 1/4W
R939	1-249-417-11 CARBON	1K	5% 1/4W	R1809	1-249-413-11 CARBON	470	5% 1/4W
R940	1-215-409-00 METAL	330	1% 1/4W	R1810	1-215-413-00 METAL	470	1% 1/4W
R941	1-249-434-11 CARBON	27K	5% 1/4W	R1811	1-215-409-00 METAL	330	1% 1/4W
R944	1-249-424-11 CARBON	3.9K	5% 1/4W	R1812	1-215-413-00 METAL	470	1% 1/4W
R945	1-249-424-11 CARBON	3.9K	5% 1/4W	R1813	1-215-413-00 METAL	470	1% 1/4W

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The components identified by Δ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R1814	1-215-417-00	METAL	680 1% 1/4W	<THERMISTOR>			
R1815	1-215-421-00	METAL	1K 1% 1/4W	TH501	1-807-796-11	THERMISTOR	
R1816	1-215-425-00	METAL	1.5K 1% 1/4W	TH601 Δ	1-810-990-11	THERMISTOR	
R1817	1-215-425-00	METAL	1.5K 1% 1/4W	THP601 Δ	1-809-827-21	THERMISTOR, POSITIVE	
R1818	1-215-433-00	METAL	3.3K 1% 1/4W	<CRYSTAL>			
R1819	1-215-469-00	METAL	100K 1% 1/4W	X900	1-567-890-11	VIBRATOR, CRYSTAL	
R1820	1-247-815-91	CARBON	220 5% 1/4W	* 8-933-207-00 H BOARD, COMPLETE			
R1821	1-249-413-11	CARBON	470 5% 1/4W	<CAPACITOR>			
R1822	1-215-433-00	METAL	3.3K 1% 1/4W	C907	1-136-165-00	FILM 0.1MF 5% 50V	
R1823	1-215-413-00	METAL	470 1% 1/4W	C911	1-126-096-11	ELECT 10MF 20% 25V	
R1832	1-215-469-00	METAL	100K 1% 1/4W	C912	1-126-096-11	ELECT 10MF 20% 25V	
R1833	1-247-815-91	CARBON	220 5% 1/4W	<CONNECTOR>			
<VARIABLE RESISTOR>				CN901	1-695-915-11	TAB (CONTACT)	
Δ RV470 Δ	1-241-767-21	RES, ADJ, CERMET	100K (HV ADJ)	CN902	1-695-915-11	TAB (CONTACT)	
	3-710-578-01	COVER, VOLUME, 6 MOLD	: RV470	CN903*	1-564-511-11	PLUG, CONNECTOR	8P
RV601	1-241-764-11	RES, ADJ, CERMET	10K (B+)	CN904*	1-564-520-11	PLUG, CONNECTOR	5P
<RELAY>				CN905	1-564-517-11	PLUG, CONNECTOR	2P
RY601 Δ	1-755-128-11	RELAY		<DIODE>			
<SWITCH>				D901	8-719-109-84	ZENER DIODE RD5.1ESB1	
S500	1-572-707-11	SWITCH, LEVER (H.CENT)		D902	8-719-109-84	ZENER DIODE RD5.1ESB1	
S501	1-553-809-21	SWITCH, SLIDE (H.CENT)		D908	8-719-991-33	DIODE 1SS133T-77	
S1801	1-692-431-21	SWITCH, TACTILE (CONT-DOWN)		D909	8-719-991-33	DIODE 1SS133T-77	
S1802	1-692-431-21	SWITCH, TACTILE (CONT-UP)		D910	8-719-991-33	DIODE 1SS133T-77	
S1803	1-692-431-21	SWITCH, TACTILE (CENT)		D911	8-719-991-33	DIODE 1SS133T-77	
S1804	1-692-431-21	SWITCH, TACTILE (BRIGHT-UP)		<JACK>			
S1805	1-692-431-21	SWITCH, TACTILE (BRIGHT-DOWN)		J901	1-507-806-00	JACK 1P	
S1806	1-692-431-21	SWITCH, TACTILE (SIZE)		J902	1-778-547-11	JACK	
S1807	1-692-431-21	SWITCH, TACTILE (GEO)		<RESISTOR>			
S1808	1-692-431-21	SWITCH, TACTILE (COLOR)		R903	1-249-417-11	CARBON 1K 5% 1/4W	
S1809	1-692-431-21	SWITCH, TACTILE (POWER)		R907	1-249-413-11	CARBON 470 5% 1/4W	
S1810	1-692-431-21	SWITCH, TACTILE (RESET)		R909	1-249-429-11	CARBON 10K 5% 1/4W	
S1811	1-692-431-21	SWITCH, TACTILE (VOL-UP)		R910	1-249-393-11	CARBON 10 5% 1/4W	
S1812	1-692-431-21	SWITCH, TACTILE (VOL-DOWN)		*****			
S1813	1-692-431-21	SWITCH, TACTILE (MUTE)		<TRANSFORMER>			
<SPARK GAP>				T501 Δ	X-4033-083-1	TRANSFORMER ASSY, FLYBACK	
SG501	1-519-422-11	GAP, SPARK			(NX-4130//J1E)		
<TRANSFORMER>				T503	1-429-109-11	TRANSFORMER, FERRITE (DFT)	
T501 Δ	X-4033-083-1	TRANSFORMER ASSY, FLYBACK		T504	1-429-103-11	TRANSFORMER, FERRITE (HDT)	
				T505	1-426-998-11	TRANSFORMER, FERRITE (HST)	
T503	1-429-109-11	TRANSFORMER, FERRITE (DFT)		T601 Δ	1-429-117-11	TRANSFORMER, CONVERTER (SRT)	
T504	1-429-103-11	TRANSFORMER, FERRITE (HDT)		T603	1-429-118-11	TRANSFORMER, FERRITE (PST)	
T505	1-426-998-11	TRANSFORMER, FERRITE (HST)					
T601 Δ	1-429-117-11	TRANSFORMER, CONVERTER (SRT)					
T603	1-429-118-11	TRANSFORMER, FERRITE (PST)					



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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
*8-933-206-00	U BOARD, COMPLETE	*****		C5263	1-126-040-11	ELECT 1000MF	20% 35V
4-382-854-01	SCREW (M3X8), P, SW (+)	(IC5600, D5605)		C5270	1-126-964-11	ELECT 10MF	20% 50V
7-682-950-01	SCREW +PSW 3X12			C5271	1-126-964-11	ELECT 10MF	20% 50V
<CAPACITOR>				C5273	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5000	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C5275	1-137-374-11	FILM 0.047MF	5% 50V
C5001	1-163-235-11	CERAMIC CHIP 22pF	5% 50V	C5276	1-137-374-11	FILM 0.047MF	5% 50V
C5002	1-163-235-11	CERAMIC CHIP 22pF	5% 50V	C5277	1-136-166-00	MYLAR 0.12MF	5% 50V
C5003	1-126-096-11	ELECT 10MF	20% 25V	C5278	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5004	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C5279	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C5005	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C5280	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C5006	1-126-096-11	ELECT 10MF	20% 25V	C5281	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C5008	1-163-038-91	CERAMIC CHIP 0.1MF	25V	C5282	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C5016	1-126-096-11	ELECT 10MF	20% 25V	C5283	1-126-794-11	ELECT 4.7MF	20% 50V
C5017	1-126-964-11	ELECT 10MF	20% 50V	C5284	1-126-794-11	ELECT 4.7MF	20% 50V
C5018	1-126-096-11	ELECT 10MF	20% 25V	C5285	1-126-096-11	ELECT 10MF	20% 25V
C5019	1-163-005-11	CERAMIC CHIP 470pF	10% 50V	C5286	1-164-344-11	CERAMIC CHIP 0.068MF	10% 25V
C5020	1-163-005-11	CERAMIC CHIP 470pF	10% 50V	C5287	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C5021	1-163-038-91	CERAMIC CHIP 0.1MF	25V	C5288	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C5022	1-163-038-91	CERAMIC CHIP 0.1MF	25V	C5289	1-163-037-11	CERAMIC CHIP 0.022MF	10% 50V
C5023	1-136-165-00	FILM 0.1MF	5% 50V	C5290	1-126-096-11	ELECT 10MF	20% 25V
C5202	1-126-964-11	ELECT 10MF	20% 50V	C5291	1-126-096-11	ELECT 10MF	20% 25V
C5203	1-126-964-11	ELECT 10MF	20% 50V	C5292	1-126-963-11	ELECT 4.7MF	20% 50V
C5204	1-126-096-11	ELECT 10MF	20% 25V	C5293	1-126-964-11	ELECT 10MF	20% 50V
C5205	1-126-096-11	ELECT 10MF	20% 25V	C5294	1-126-964-11	ELECT 10MF	20% 50V
C5206	1-126-096-11	ELECT 10MF	20% 25V	C5295	1-126-963-11	ELECT 4.7MF	20% 50V
C5207	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C5296	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5208	1-164-232-11	CERAMIC CHIP 0.01MF	10% 50V	C5297	1-126-022-11	ELECT 47MF	20% 25V
C5209	1-126-096-11	ELECT 10MF	20% 25V	C5298	1-126-096-11	ELECT 10MF	20% 25V
C5210	1-110-501-11	CERAMIC CHIP 0.33MF	10% 16V	C5299	1-126-933-11	ELECT 100MF	20% 16V
C5211	1-110-501-11	CERAMIC CHIP 0.33MF	10% 16V	C5300	1-126-964-11	ELECT 10MF	20% 50V
C5213	1-124-257-00	ELECT 2.2MF	20% 50V	C5301	1-163-038-91	CERAMIC CHIP 0.1MF	25V
C5214	1-124-257-00	ELECT 2.2MF	20% 50V	C5302	1-126-933-11	ELECT 100MF	20% 16V
C5217	1-126-096-11	ELECT 10MF	20% 25V	C5303	1-126-794-11	ELECT 4.7MF	20% 50V
C5220	1-126-096-11	ELECT 10MF	20% 25V	C5304	1-126-794-11	ELECT 4.7MF	20% 50V
C5222	1-128-499-11	ELECT 220MF	20% 16V	C5305	1-126-794-11	ELECT 4.7MF	20% 50V
C5224	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V	C5306	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C5230	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C5307	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C5233	1-163-035-00	CERAMIC CHIP 0.047MF	50V	C5308	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V
C5234	1-137-399-11	FILM 0.1MF	5% 50V	C5309	1-164-161-11	CERAMIC CHIP 0.0022MF	10% 50V
C5235	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C5310	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C5236	1-104-665-11	ELECT 100MF	20% 25V	C5311	1-126-794-11	ELECT 4.7MF	20% 50V
C5238	1-136-166-00	MYLAR 0.12MF	5% 50V	C5602 Δ	1-104-705-91	FILM 0.1MF	20% 250V
C5239	1-163-035-00	CERAMIC CHIP 0.047MF	50V	C5609 Δ	1-125-700-21	ELECT 220MF	20% 200V
C5240	1-104-665-11	ELECT 100MF	20% 25V	C5610	1-162-131-11	CERAMIC 220pF	10% 2KV
C5241	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C5612	1-126-967-11	ELECT 47MF	20% 10V
C5243	1-137-374-11	FILM 0.047MF	5% 50V	C5613	1-101-810-00	CERAMIC 100pF	5% 500V
C5244	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C5615	1-106-220-00	MYLAR 0.1MF	10% 100V
C5245	1-163-141-00	CERAMIC CHIP 0.001MF	5% 50V	C5616	1-126-964-11	ELECT 10MF	20% 50V
C5248	1-137-374-11	FILM 0.047MF	5% 50V	C5617 Δ	1-113-894-51	ELECT 100pF	10% 250V
C5257	1-104-665-11	ELECT 100MF	20% 25V	C5618	1-126-946-11	ELECT 6800MF	20% 25V
C5258	1-104-665-11	ELECT 100MF	20% 25V	C5619	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V
C5260	1-126-040-11	ELECT 1000MF	20% 35V	C5620	1-124-564-11	ELECT 4700MF	20% 25V
				C5621	1-163-038-91	CERAMIC CHIP 0.1MF	25V
				C5622	1-163-031-11	CERAMIC CHIP 0.01MF	50V
				C5623	1-136-203-11	FILM 0.01MF	5% 630V

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<CONNECTOR>				<CHIP CONDUCTOR>			
	CN5000 *	1-564-507-11 PLUG, CONNECTOR 4P		JR5001	1-216-295-91	CONDUCTOR, CHIP	
	CN5001 *	1-564-508-11 PLUG, CONNECTOR 5P		JR5002	1-216-295-91	CONDUCTOR, CHIP	
	CN5200 *	1-564-511-11 PLUG, CONNECTOR 8P		JR5003	1-216-295-91	CONDUCTOR, CHIP	
	CN5201	1-764-101-11 PIN, CONNECTOR		JR5004	1-216-295-91	CONDUCTOR, CHIP	
		(PC BOARD) 2P		JR5005	1-216-295-91	CONDUCTOR, CHIP	
	CN5202	1-564-505-11 PLUG, CONNECTOR 2P		<COIL>			
	CN5203 *	1-564-506-11 PLUG, CONNECTOR 3P					
	CN5601 Δ	1-691-960-11 PIN, CONNECTOR		L5600	1-406-972-11	COIL, CHOKE 15UH	
		(PC BOARD) 3P		<PHOTO COUPLER>			
	CN5603	1-695-915-11 TAB (CONTACT)					
	CN5604	1-695-915-11 TAB (CONTACT)		PH5600 Δ	8-749-010-65	PHOTO COUPLER PC123F2	
<DIODE>				<IC LINK>			
D5003	8-719-921-54	ZENER DIODE MTZJ-6.2B					
D5202	8-719-991-33	DIODE 1SS133T-77		PS5200	1-533-597-31	RINK, IC 5A	
D5203	8-719-991-33	DIODE 1SS133T-77		<TRANSISTOR>			
D5206	8-719-991-33	DIODE 1SS133T-77					
D5207	8-719-991-33	DIODE 1SS133T-77		Q5001	8-729-422-27	TRANSISTOR 2SD601A-Q	
D5208	8-719-991-33	DIODE 1SS133T-77		Q5201	8-729-216-22	TRANSISTOR 2SA1162-G	
D5209	8-719-991-33	DIODE 1SS133T-77		Q5202	8-729-216-22	TRANSISTOR 2SA1162-G	
D5210	8-719-991-33	DIODE 1SS133T-77		Q5203	8-729-422-27	TRANSISTOR 2SD601A-Q	
D5211	8-719-110-49	ZENER DIODE RD18ESB2		Q5204	8-729-027-59	TRANSISTOR DTC144EKA-T146	
D5601 Δ	8-719-510-63	DIODE D4SB60L		Q5214	8-729-422-27	TRANSISTOR 2SD601A-Q	
D5602	8-719-979-64	DIODE UF4005PKG23		Q5215	8-729-920-21	TRANSISTOR DTC314TK-T-146	
D5603	8-719-059-23	ZENER DIODE P6KE200AG23		Q5216	8-729-920-21	TRANSISTOR DTC314TK-T-146	
D5604	8-719-510-48	DIODE D1N20R		Q5217	8-729-920-21	TRANSISTOR DTC314TK-T-146	
D5605	8-719-510-37	DIODE D5LC20U		Q5218	8-729-107-43	TRANSISTOR 2SC3624-L18	
D5606	8-759-908-15	IC TL431CLP		Q5219	8-729-107-43	TRANSISTOR 2SC3624-L18	
D5607	8-719-991-33	DIODE 1SS133T-77		Q5601	8-729-422-27	TRANSISTOR 2SD601A-Q	
D5608	8-719-991-33	DIODE 1SS133T-77		<RESISTOR>			
D5609	8-719-175-88	ZENER DIODE RD7.5F-B					
<FERRITE BEAD>				R5000	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
FB5601	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH	R5001	1-216-295-91	CONDUCTOR, CHIP	
<IC>				R5002	1-216-049-91	METAL GLAZE 1K	5% 1/10W
IC5000	8-759-501-99	IC ST93C46CB1		R5003	1-216-049-91	METAL GLAZE 1K	5% 1/10W
IC5001	8-759-150-61	IC UPC78L05T		R5004	1-216-033-00	METAL GLAZE 220	5% 1/10W
IC5002	8-759-430-22	IC HD404344-A97S		R5005	1-216-121-91	METAL GLAZE 1M	5% 1/10W
IC5005	8-759-100-96	IC UPC4558G2		R5006	1-216-033-00	METAL GLAZE 220	5% 1/10W
IC5006	8-759-074-40	IC PST572DMT-T1		R5007	1-216-113-00	METAL GLAZE 470K	5% 1/10W
IC5200	8-759-245-75	IC TA8184P		R5015	1-216-073-00	METAL GLAZE 10K	5% 1/10W
IC5201	8-759-821-92	IC LA4630N		R5018	1-216-049-91	METAL GLAZE 1K	5% 1/10W
IC5202	8-759-100-96	IC UPC4558G2		R5033	1-216-041-00	METAL GLAZE 470	5% 1/10W
IC5203	8-759-100-96	IC UPC4558G2		R5034	1-216-041-00	METAL GLAZE 470	5% 1/10W
IC5204	8-759-100-96	IC UPC4558G2		R5035	1-216-073-00	METAL GLAZE 10K	5% 1/10W
IC5205	8-759-145-57	IC UPC4557C		R5036	1-216-073-00	METAL GLAZE 10K	5% 1/10W
IC5206	8-759-100-96	IC UPC4558G2		R5037	1-216-093-00	METAL GLAZE 68K	5% 1/10W
IC5600 Δ	8-759-433-72	IC PWR-TOP204YAI-BB		R5038	1-216-089-91	METAL GLAZE 47K	5% 1/10W
IC5601	8-759-506-12	IC PQ12RF1		R5039	1-216-093-00	METAL GLAZE 68K	5% 1/10W
				R5040	1-216-089-91	METAL GLAZE 47K	5% 1/10W
				R5042	1-216-093-00	METAL GLAZE 68K	5% 1/10W
				R5043	1-216-093-00	METAL GLAZE 68K	5% 1/10W



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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R5044	1-208-806-11	METAL CHIP 10K	0.50% 1/10W	R5296	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R5045	1-216-304-11	METAL GLAZE 3.3	5% 1/10W	R5297	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R5202	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R5298	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R5203	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R5299	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R5204	1-216-097-91	METAL GLAZE 100K	5% 1/10W				
R5205	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R5300	1-218-753-11	METAL CHIP 110K	0.50% 1/10W
R5206	1-216-105-91	METAL GLAZE 220K	5% 1/10W	R5301	1-218-753-11	METAL CHIP 110K	0.50% 1/10W
R5207	1-216-113-00	METAL GLAZE 470K	5% 1/10W	R5302	1-208-822-11	METAL CHIP 47K	0.50% 1/10W
R5208	1-216-105-91	METAL GLAZE 220K	5% 1/10W	R5303	1-216-295-91	CONDUCTOR, CHIP	
R5209	1-216-113-00	METAL GLAZE 470K	5% 1/10W	R5304	1-216-295-91	CONDUCTOR, CHIP	
R5210	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R5305	1-216-295-91	CONDUCTOR, CHIP	
R5211	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R5306	1-216-673-11	METAL CHIP 8.2K	0.50% 1/10W
R5212	1-216-061-00	METAL GLAZE 3.3K	5% 1/10W	R5307	1-216-673-11	METAL CHIP 8.2K	0.50% 1/10W
R5213	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R5308	1-216-677-11	METAL CHIP 12K	0.50% 1/10W
R5214	1-249-377-11	CARBON 0.47	5% 1/4W F	R5309	1-216-041-00	METAL GLAZE 470	5% 1/10W
R5215	1-249-377-11	CARBON 0.47	5% 1/4W F	R5310	1-216-041-00	METAL GLAZE 470	5% 1/10W
R5217	1-216-081-00	METAL GLAZE 22K	5% 1/10W	R5311	1-216-041-00	METAL GLAZE 470	5% 1/10W
R5218	1-216-081-00	METAL GLAZE 22K	5% 1/10W	R5312	1-216-045-00	METAL GLAZE 680	5% 1/10W
R5219	1-216-688-11	METAL CHIP 36K	0.50% 1/10W	R5313	1-216-045-00	METAL GLAZE 680	5% 1/10W
R5220	1-208-810-11	METAL CHIP 15K	0.50% 1/10W	R5314	1-216-295-91	CONDUCTOR, CHIP	(2012)
R5223	1-208-814-11	METAL CHIP 22K	0.50% 1/10W	R5316	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R5224	1-208-814-11	METAL CHIP 22K	0.50% 1/10W	R5317	1-216-089-91	METAL GLAZE 47K	5% 1/10W
R5226	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R5319	1-216-025-91	METAL GLAZE 100	5% 1/10W
R5229	1-216-295-91	CONDUCTOR, CHIP		R5320	1-216-025-91	METAL GLAZE 100	5% 1/10W
R5234	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R5321	1-216-025-91	METAL GLAZE 100	5% 1/10W
R5236	1-249-385-11	CARBON 2.2	5% 1/4W F	R5322	1-216-025-91	METAL GLAZE 100	5% 1/10W
R5237	1-249-385-11	CARBON 2.2	5% 1/4W F	R5323	1-216-117-00	METAL GLAZE 680K	5% 1/10W
R5241	1-216-049-91	METAL GLAZE 1K	5% 1/10W	R5324	1-216-117-00	METAL GLAZE 680K	5% 1/10W
R5246	1-216-298-00	METAL GLAZE 2.2	5% 1/10W	R5325	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R5252	1-216-298-00	METAL GLAZE 2.2	5% 1/10W	R5326	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R5260	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R5327	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R5261	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R5328	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R5262	1-216-117-00	METAL GLAZE 680K	5% 1/10W	R5329	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R5263	1-216-117-00	METAL GLAZE 680K	5% 1/10W	R5603	1-215-907-11	METAL OXIDE 22	5% 3W
R5264	1-216-097-91	METAL GLAZE 100K	5% 1/10W	R5604	1-249-377-11	CARBON 0.47	5% 1/4W
R5265	1-216-093-00	METAL GLAZE 68K	5% 1/10W	R5606	1-216-308-00	METAL GLAZE 4.7	5% 1/10W
R5275	1-216-025-91	METAL GLAZE 100	5% 1/10W	R5607	1-216-045-00	METAL GLAZE 680	5% 1/10W
R5276	1-216-089-91	METAL GLAZE 47K	5% 1/10W	R5609	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R5277	1-216-089-91	METAL GLAZE 47K	5% 1/10W	R5610	1-208-814-11	METAL CHIP 22K	0.50% 1/10W
R5278	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R5611	1-208-812-11	METAL CHIP 18K	0.50% 1/10W
R5279	1-216-089-91	METAL GLAZE 47K	5% 1/10W	R5612	1-208-806-11	METAL CHIP 10K	0.50% 1/10W
R5281	1-208-814-11	METAL CHIP 22K	0.50% 1/10W	R5613	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R5282	1-208-814-11	METAL CHIP 22K	0.50% 1/10W	R5614	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R5283	1-216-671-11	METAL CHIP 6.8K	0.50% 1/10W	R5615	1-205-998-11	WIREWOUND 1	5% 10W
R5284	1-216-671-11	METAL CHIP 6.8K	0.50% 1/10W	R5616	1-215-863-11	METAL OXIDE 100	5% 1W
R5285	1-208-806-11	METAL CHIP 10K	0.50% 1/10W	R5617	1-202-933-61	FUSIBLE 0.1	10% 1/2W
R5286	1-216-105-91	METAL GLAZE 220K	5% 1/10W	R5618	1-215-925-11	METAL OXIDE 22K	5% 3W
R5287	1-216-695-11	METAL CHIP 68K	0.50% 1/10W	R5619	1-215-879-11	METAL OXIDE 47K	5% 1W
R5288	1-216-081-00	METAL GLAZE 22K	5% 1/10W	R5621	1-216-649-11	METAL CHIP 820	0.50% 1/10W
R5289	1-216-073-00	METAL GLAZE 10K	5% 1/10W	R5622	1-249-429-11	CARBON 10K	5% 1/4W
R5290	1-216-097-91	METAL GLAZE 100K	5% 1/10W				
R5291	1-216-045-00	METAL GLAZE 680	5% 1/10W				
R5292	1-208-814-11	METAL CHIP 22K	0.50% 1/10W				
R5293	1-216-045-00	METAL GLAZE 680	5% 1/10W				
R5294	1-208-814-11	METAL CHIP 22K	0.50% 1/10W				
R5295	1-216-097-91	METAL GLAZE 100K	5% 1/10W				

<RELAY>

RY5600 Δ 1-755-018-11 RELAY

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
		<TRANSFORMER>					
	T5601	Δ 1-429-823-11 TRANSFORMER, CONVERTER (SRT)					
		<CRYSTAL>					
	X5000	1-567-192-11 OSCILLATOR, CERAMIC					
.....							
		MISCELLANEOUS					
						
		Δ 1-409-799-21 COIL, DEMAGNETIZATION					
		Δ 1-452-756-11 NECK ASSY, PICTURE TUBE (NA293)					
		1-505-439-11 SPEAKER (3X10CM)					
		1-505-440-11 SPEAKER (7CM)					
		1-542-302-11 MICROPHONE ASSY					
		1-543-653-11 CORE ASSY, BEAD(DIVISION TYPE)					
		Δ 1-534-827-14 CORD, POWER 10A/125V					
		1-777-476-11 CABLE ASSY (15P DSUB CONNECTOR)					
		Δ 8-451-469-21 DEFLECTION YOKE (Y15FRF2M2)					
	V901	Δ 8-734-833-05 PICTURE TUBE (15FRS)					

