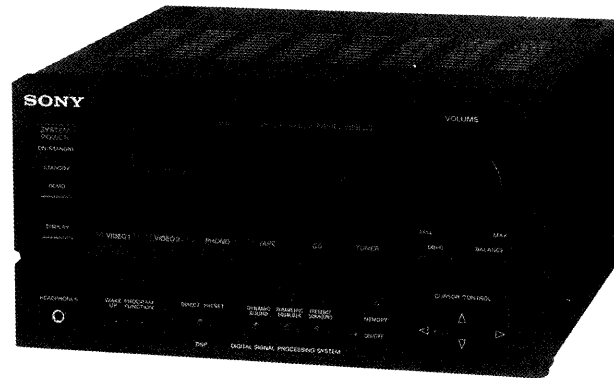


# TA-H500

## SERVICE MANUAL

US Model



This set is the amplifier section in MHC-5500.

### SPECIFICATIONS

#### AUDIO POWER SPECIFICATIONS

##### POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads both channels driven, from 50 – 20,000 Hz; rated 40 watts per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 milliwatts to rated output.

Inputs	PHONO (phono jack): sensitivity 5 mV, impedance 47 kilohms
Outputs	HEADPHONES (stereo minijack): accepts headphones of 8 ohms or more. SPEAKER: accepts speakers of 6 to 16 ohms.
Dimensions	Approx. 225 × 120 × 280 mm (w/h/d)
Weight	5.5 kg

Design and specifications subject to change without notice.

#### SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  $\triangle$  OR DOTTED LINE WITH MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

INTEGRATED STEREO AMPLIFIER  
**SONY**<sup>®</sup>

## SAFETY CHECK-OUT

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

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 VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

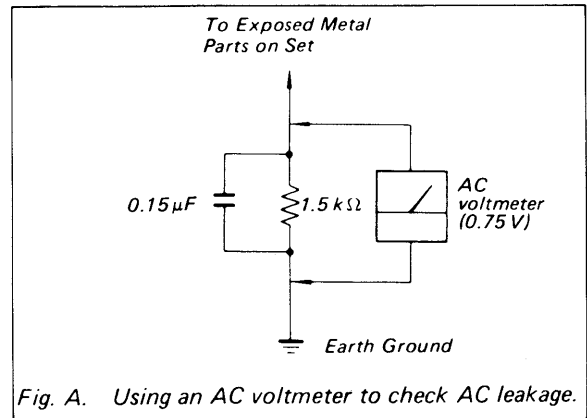
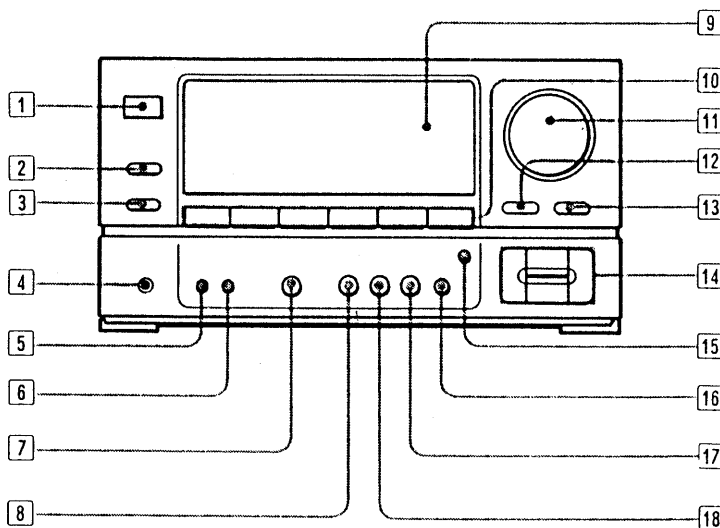


Fig. A. Using an AC voltmeter to check AC leakage.

## SECTION 1 GENERAL

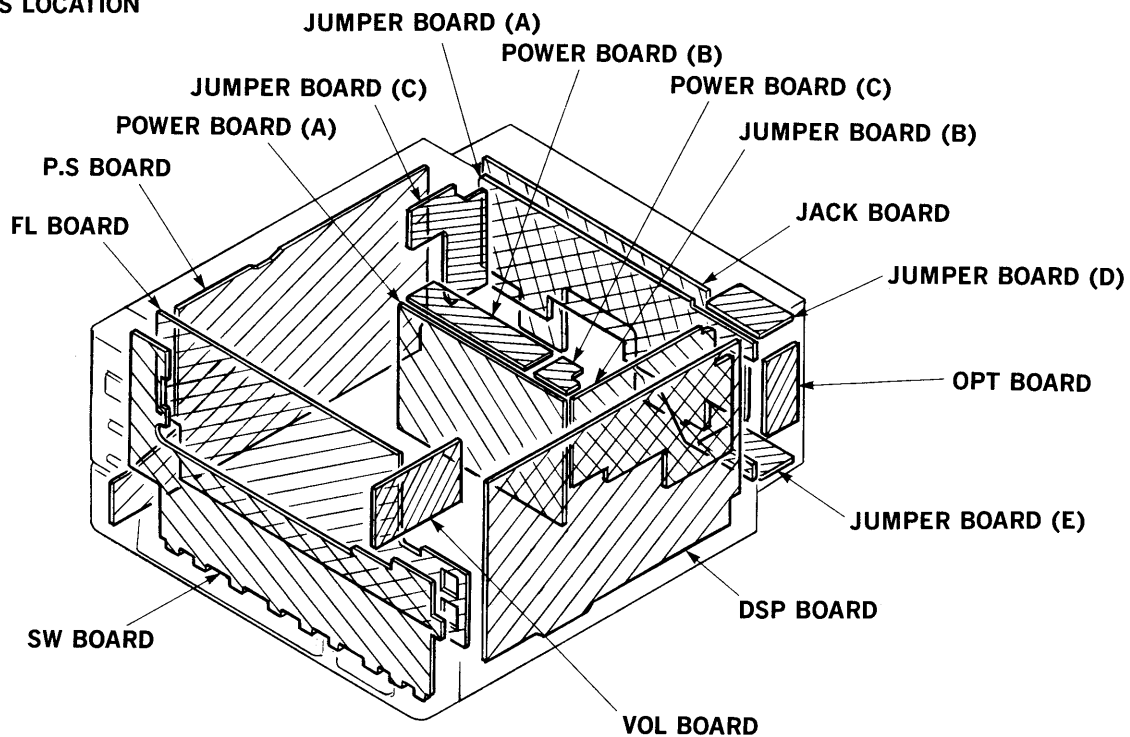
### 1-1. PARTS IDENTIFICATION



- 1 SYSTEM POWER switch and STANDBY indicator  
It remains lit as long as the AC power cord is connected to a wall outlet.
- 2 DEMO button
- 3 DISPLAY button
- 4 HEADPHONES jack (stereo minijack)
- 5 WAKE UP button
- 6 PROGRAM FUNCTION button
- 7 DSP button and PRESET and DIRECT indicators
- 8 DYNAMIC SOUND button
- 9 Display window
- 10 Function selectors
- 11 VOLUME control
- 12 DBFB (Dynamic Bass Feedback) button
- 13 BALANCE button
- 14 CURSOR CONTROL buttons
- 15 MEMORY button
- 16 ON/OFF button
- 17 PRESENCE SURROUND button
- 18 PARAMETRIC EQUALIZER button

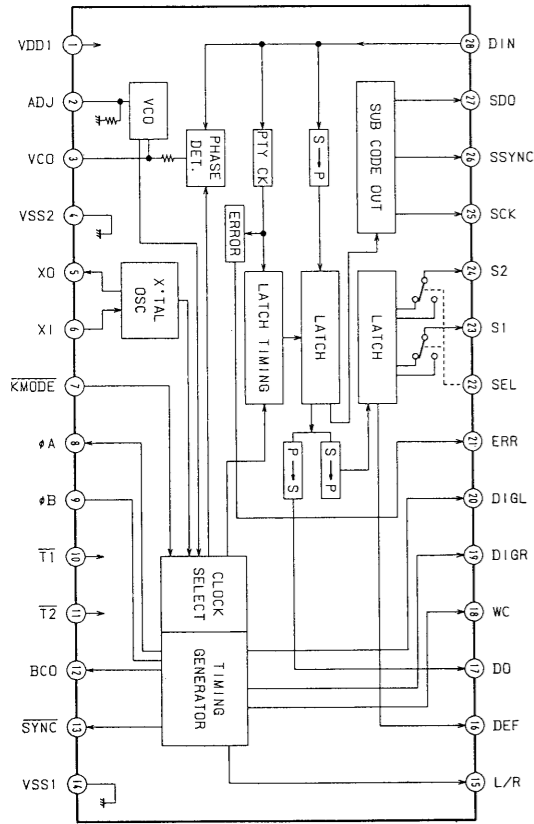
## SECTION 2 DIAGRAMS

### 2-1. CIRCUIT BOARDS LOCATION

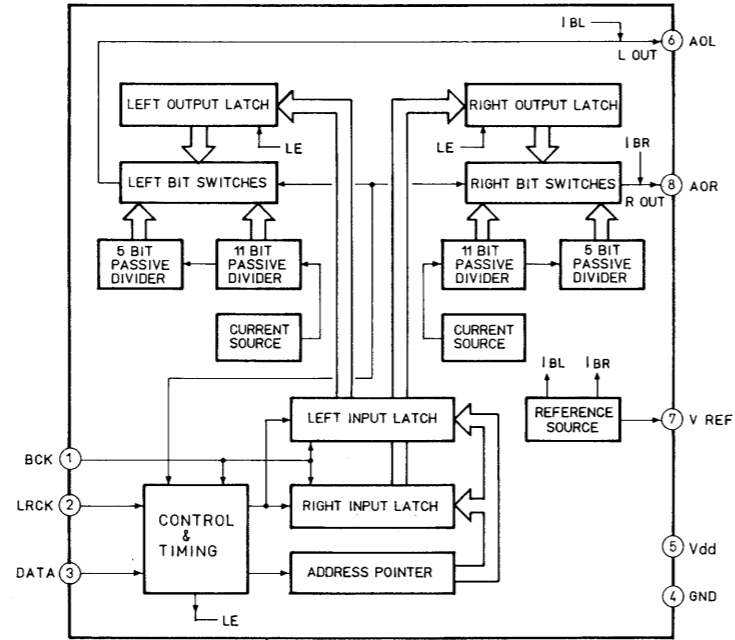


IC Block Diagrams

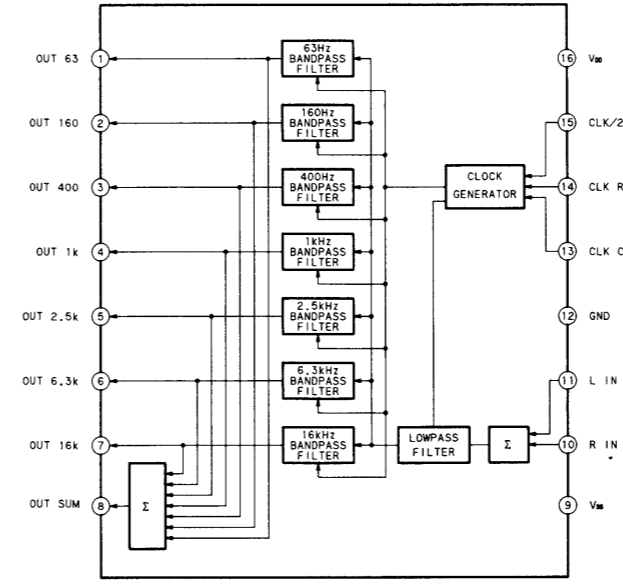
IC401 YM3623B



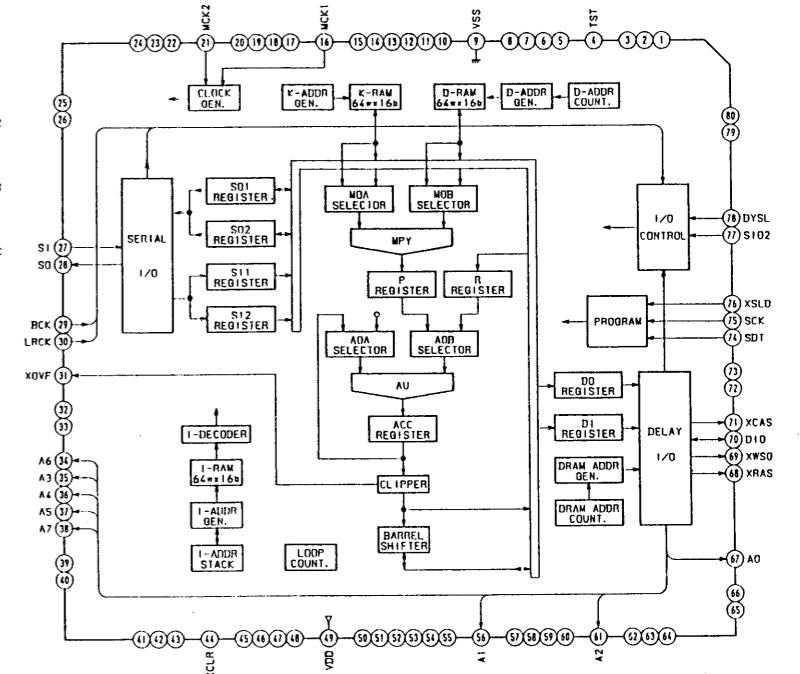
IC303 TDA1543A-S1



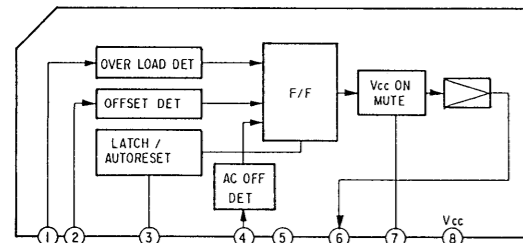
IC705, 706 XR1091



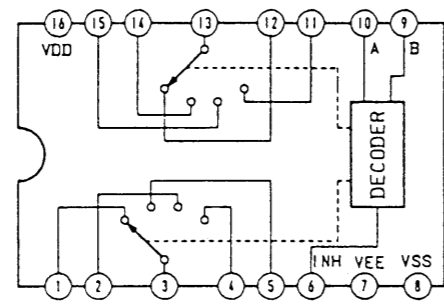
IC402, 403 CXD1160AQ



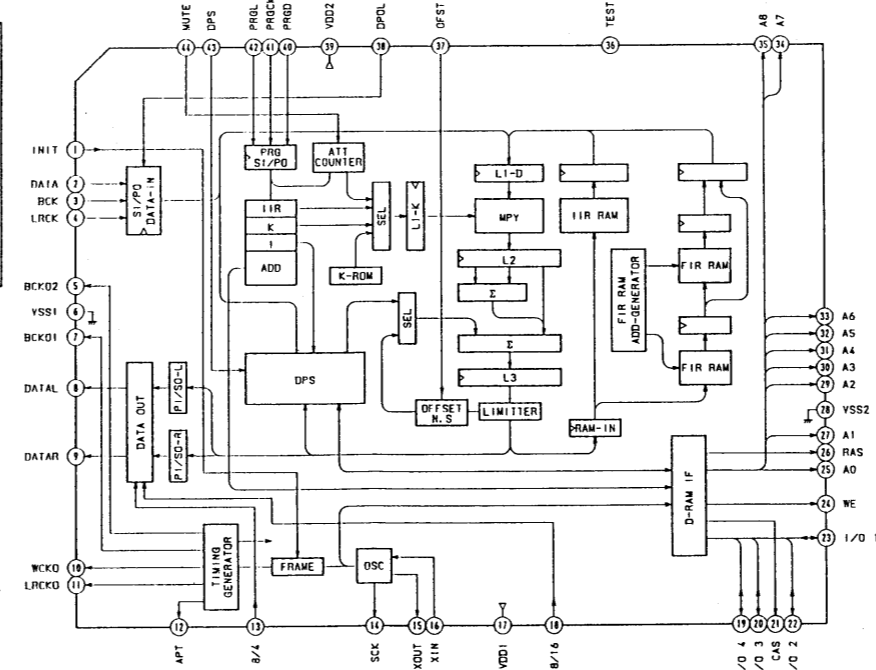
IC802 μPC1237HA



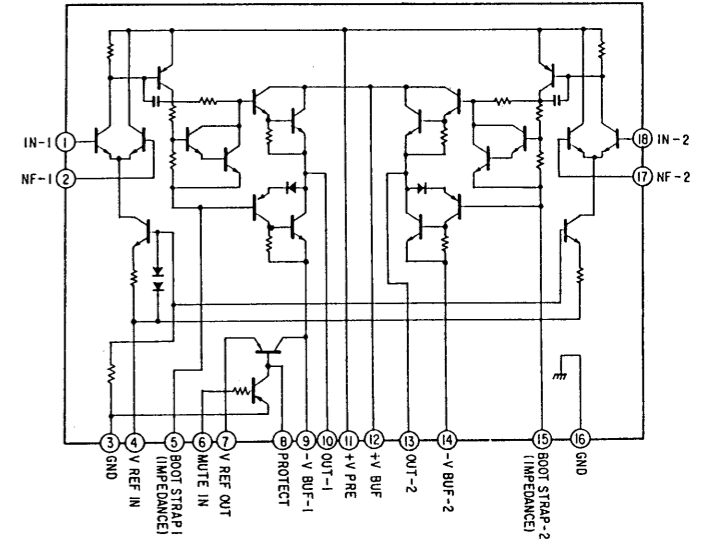
IC707, 708 TC4052BPHB



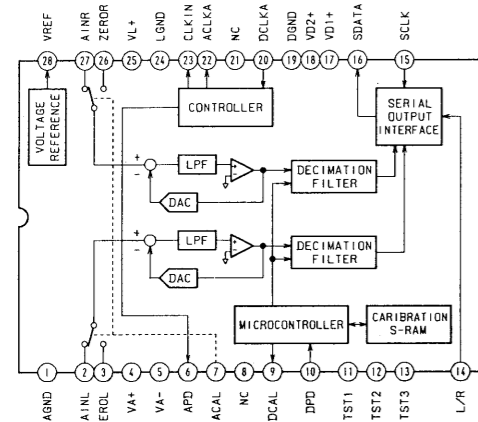
IC404 CXD1355Q



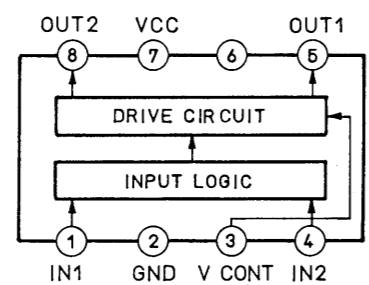
IC801 STK4162-II



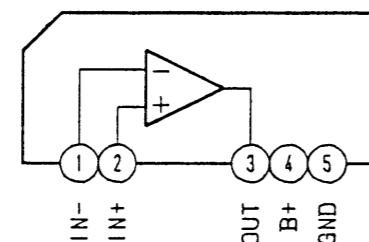
IC302 CS5326-KP



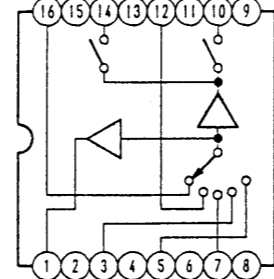
IC501 LB1639



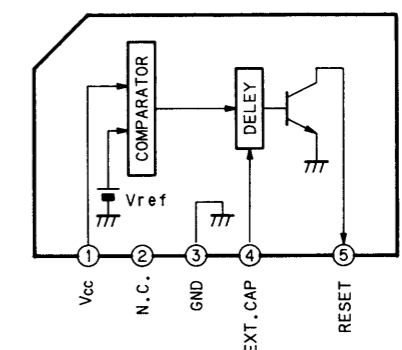
IC804 M5239L



IC121 BA7625

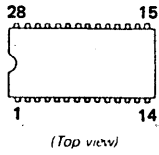


IC710 M51953BL

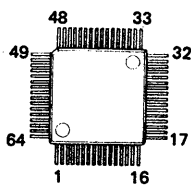


2-2. SEMICONDUCTOR LEAD LAYOUTS

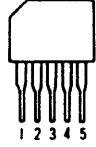
CS5326-KP



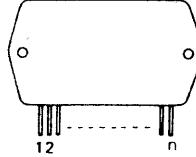
MC68HC11E9FU  
-SC400220



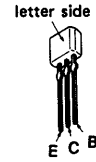
M51953BL



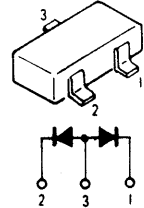
STK-4162MK2



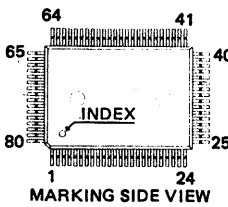
2SA1175-HFE



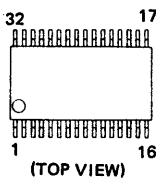
1S2836



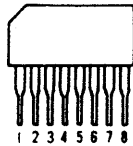
CXD1160AQ



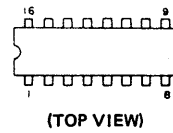
MSC1164GS-K



M5218AL  
μPC1237HA



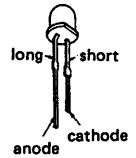
TC4052BPHB  
XR1091DCP



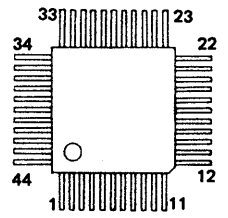
2SB1013-4  
2SD1387-4  
2SD1616A-K  
2SD1761-EF



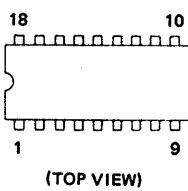
SEL2210S



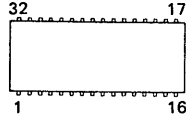
CXD1355Q



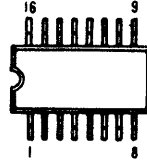
MSM41464-10RS



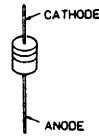
M5218FP



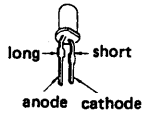
YM3623B



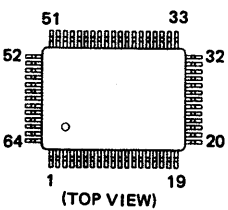
HZS24-3L  
HZS6B1L  
UZL-6M2  
1SS120  
11ES2



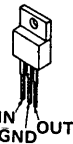
SEL2410ED  
SEL2910A-D



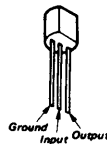
HD63B01YORM46F



M5F7805L  
M5F7812L  
M5278D56



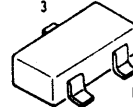
RC79L05A



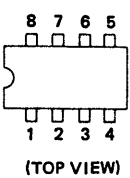
DTA144WS  
DTC114ES  
2SC2603-EF  
2SC3622A-LK



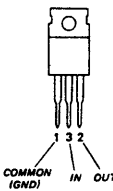
MA152WK



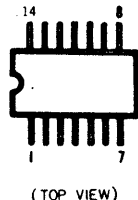
LB1639  
TDA1543A



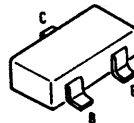
M5F7912L  
M5F7924L



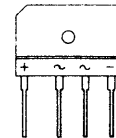
SN74HC00NS



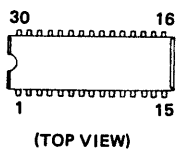
FA1F4M-L32  
FN1F4M-M32  
2SC1623  
2SC3624A-L15



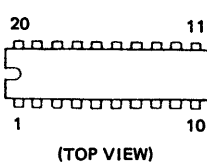
RBV-602-01



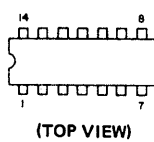
LC7821  
LC7822



M50760-141P



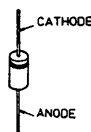
SN74HCU04NS



2SA988-F  
2SA1841-PAFAEA  
2SC3864



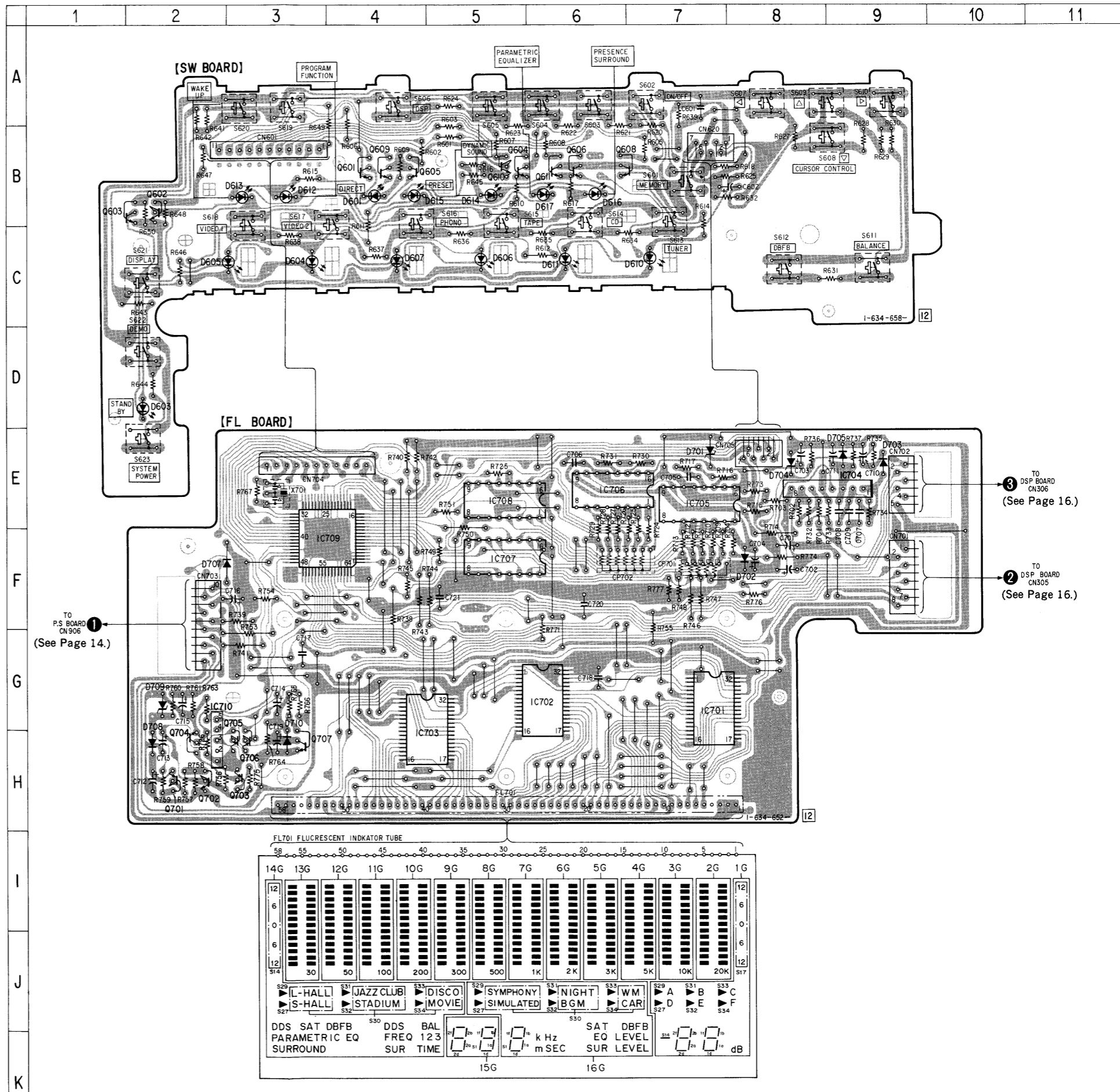
UZL-20M  
UZP-3.3BB  
UZP-5.6B  
10E2N



● Semiconductor Location

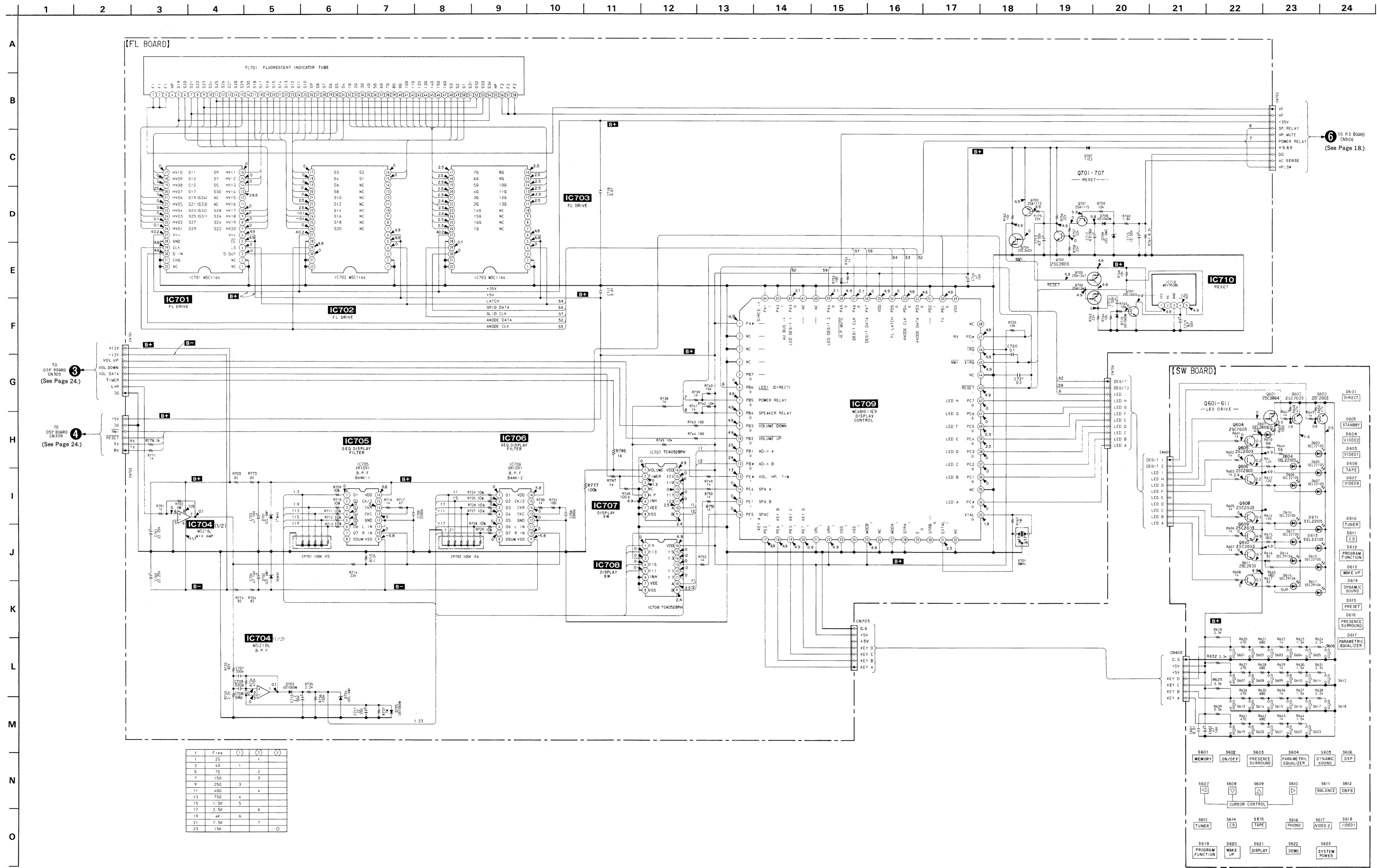
Ref. No.	Location
D601	B-4
D603	D-2
D604	C-3
D605	C-2
D606	C-5
D607	C-4
D610	C-7
D611	C-6
D612	B-3
D613	B-3
D614	B-5
D615	B-4
D616	B-6
D617	B-6
D701	E-7
D702	F-8
D703	E-9
D704	E-8
D705	E-9
D707	F-2
D708	H-2
D709	G-2
D710	H-3
IC701	G-7
IC702	G-6
IC703	G-4
IC704	E-8
IC705	E-7
IC706	E-6
IC707	F-5
IC708	E-5
IC709	F-3
IC710	G-2
Q601	B-4
Q602	B-2
Q603	B-1
Q604	B-5
Q605	B-4
Q606	B-6
Q608	B-6
Q609	B-4
Q610	B-5
Q611	B-6
Q701	H-2
Q702	H-2
Q703	H-3
Q704	H-2
Q705	H-3
Q706	H-3
Q707	H-4

2-3. PRINTED WIRING BOARDS — Display Section —



Note:

- : parts extracted from the component side.
- : parts extracted from the conductor side.



1	F <sub>100</sub>	(1)	(1)	(1)
1	25			
3	40	1	2	
5	75			
7	150	3	3	
9	250			
11	400	4	4	
13	750			
15	1.5K	5	5	
17	2.5K			
19	4K	6	6	
21	7.5K			
23	15K	7	7	

TO P.S. BOARD  
CN506  
(See Page 18.)

TO DSP BOARD  
CN109  
(See Page 24.)

TO DSP BOARD  
CN108  
(See Page 24.)

**Note:**

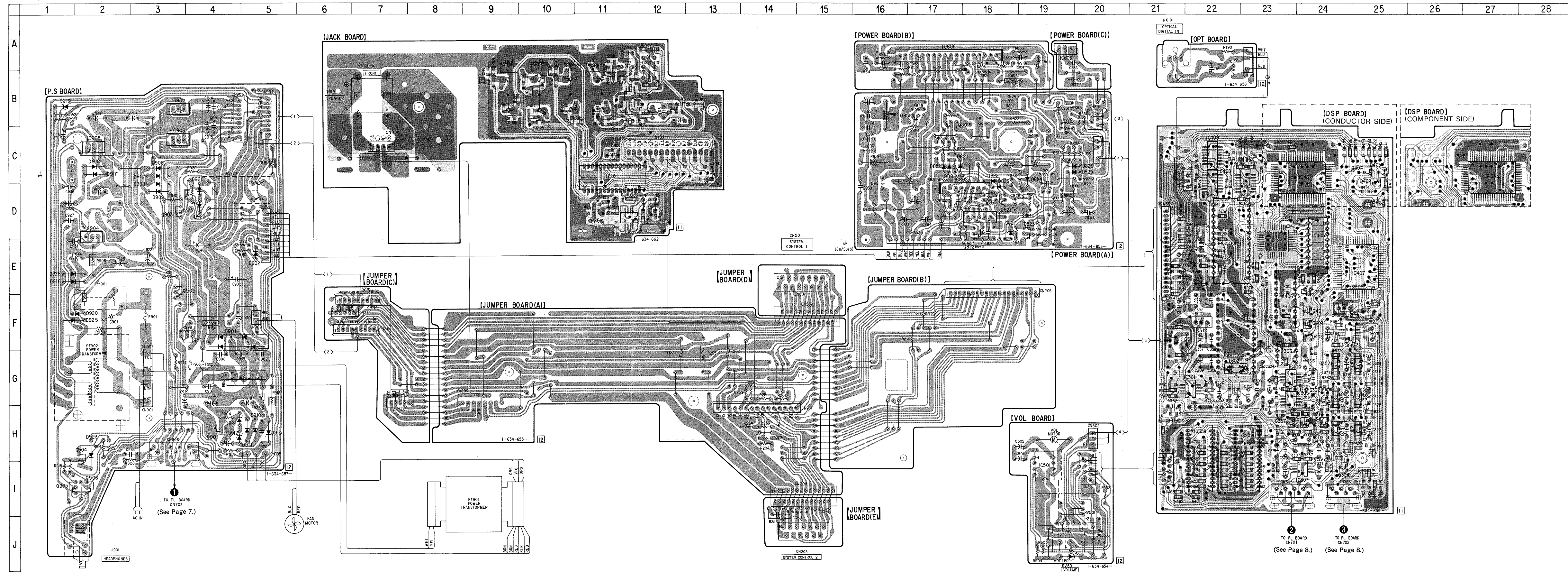
- All capacitors are in  $\mu\text{F}$  unless otherwise noted.  $\text{pF}$ :  $\mu\text{F}$  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and  $\frac{1}{2}\text{W}$  or less unless otherwise specified.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- no mark: PHONO
- Voltagages are taken with a VOM (Input Impedance 10M $\Omega$ ).
- Voltage variations may be noted due to normal production tolerances.

● Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D301	G-22	IC501	I-19
D302	G-22	IC801	A-17
D402	C-25	IC802	D-17
D403	F-24	IC803	A-19
D801	C-17	IC804	D-18
D821	C-17	IC902	B-3
D822	C-18	IC903	C-3
D823	D-18	IC904	D-2
D824	C-19	IC905	C-2
D825	C-19		
D826	C-19	Q301	H-25
D827	D-18	Q302	G-25
D851	C-17	Q303	G-24
D901	F-4	Q304	I-24
D902	E-5	Q305	H-24
D906	C-3	Q306	G-24
D907	C-3	Q307	H-24
D908	D-3	Q351	H-24
D909	D-3	Q352	G-24
D910	H-5	Q353	G-24
D911	H-5	Q357	H-23
D912	H-4	Q401	F-24
D915	H-5	Q402	F-24
D916	E-2	Q403	C-25
D917	C-2	Q404	C-25
D918	C-2	Q405	D-25
D919	B-1	Q801	B-17
D920	F-2	Q821	D-18
D921	D-4	Q822	D-18
D922	D-4	Q823	D-19
D923	H-2	Q851	B-17
D924	H-4	Q901	H-4
D925	F-2	Q902	E-3
D926	E-2	Q903	D-3
		Q904	H-2
		Q905	I-1
		Q906	I-2
		Q907	F-4
IC101	C-11		
IC102	D-11		
IC103	B-12		
IC301	G-22		
IC302	F-22		
IC303	G-23		
IC304	G-23		
IC305	G-23		
IC306	F-24		
IC307	I-24		
IC308	H-23		
IC309	H-22		
IC312	F-22		
IC401	E-22		
IC402	C-24		
IC403	C-27		
IC404	E-23		
IC405	D-24		
IC406	F-23		
IC407	E-25		
IC408	C-22		
IC409	C-22		
IC410	D-22		

Note:  
 ● : parts extracted from the component side.  
 ○ : Through hole.  
 ● : Pattern on the side which is seen.  
 ○ : Pattern of the rear side.

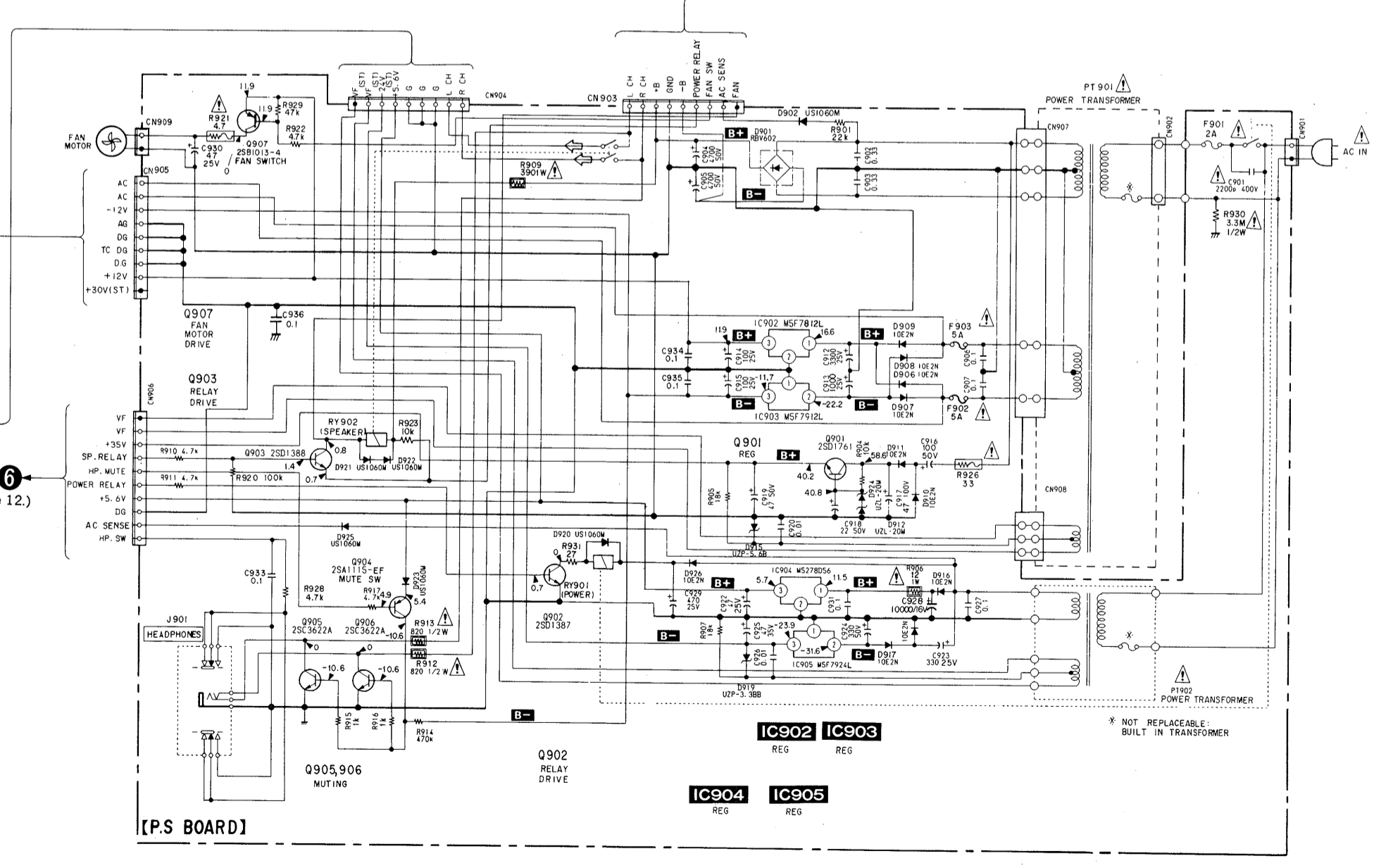
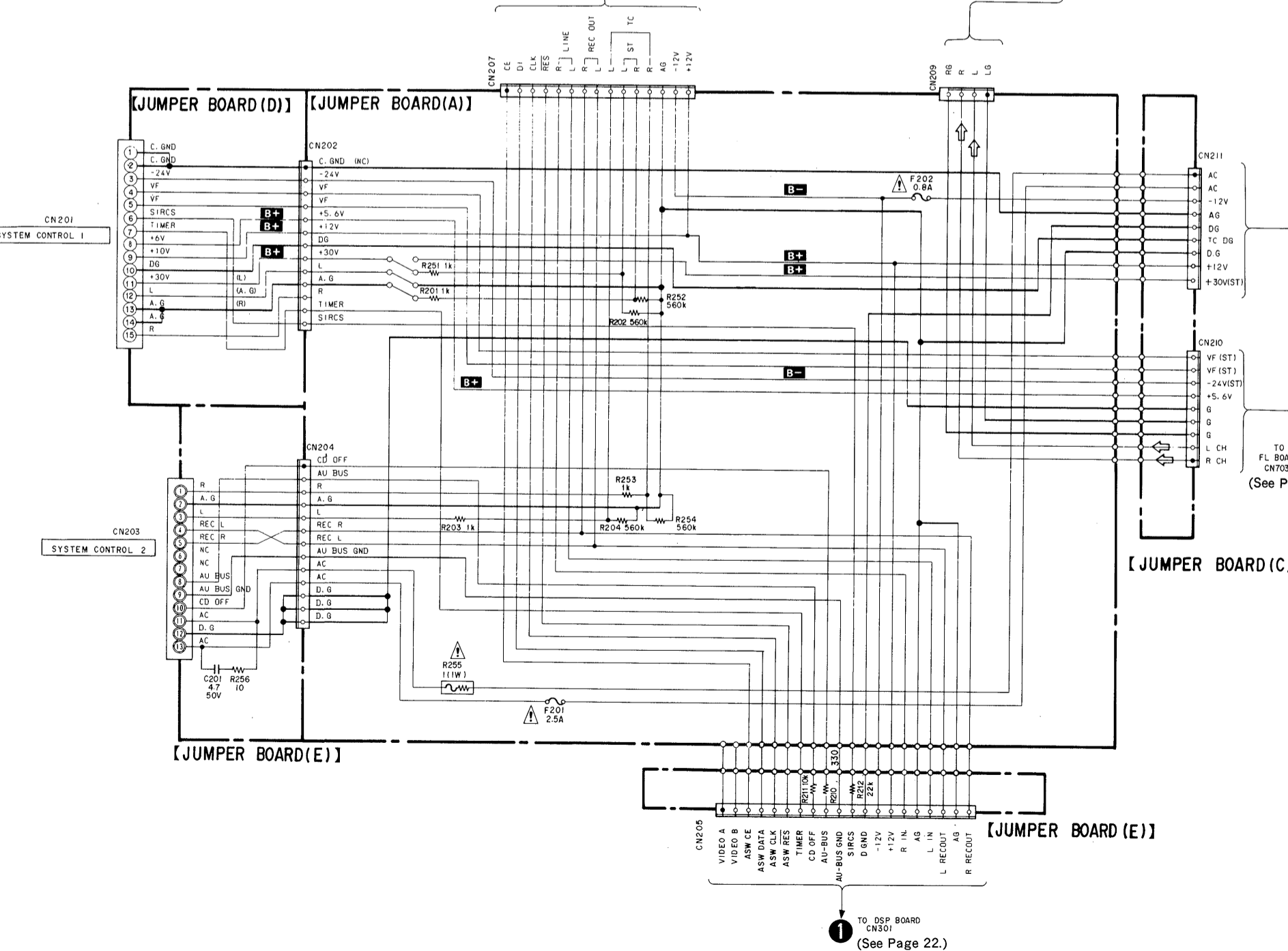
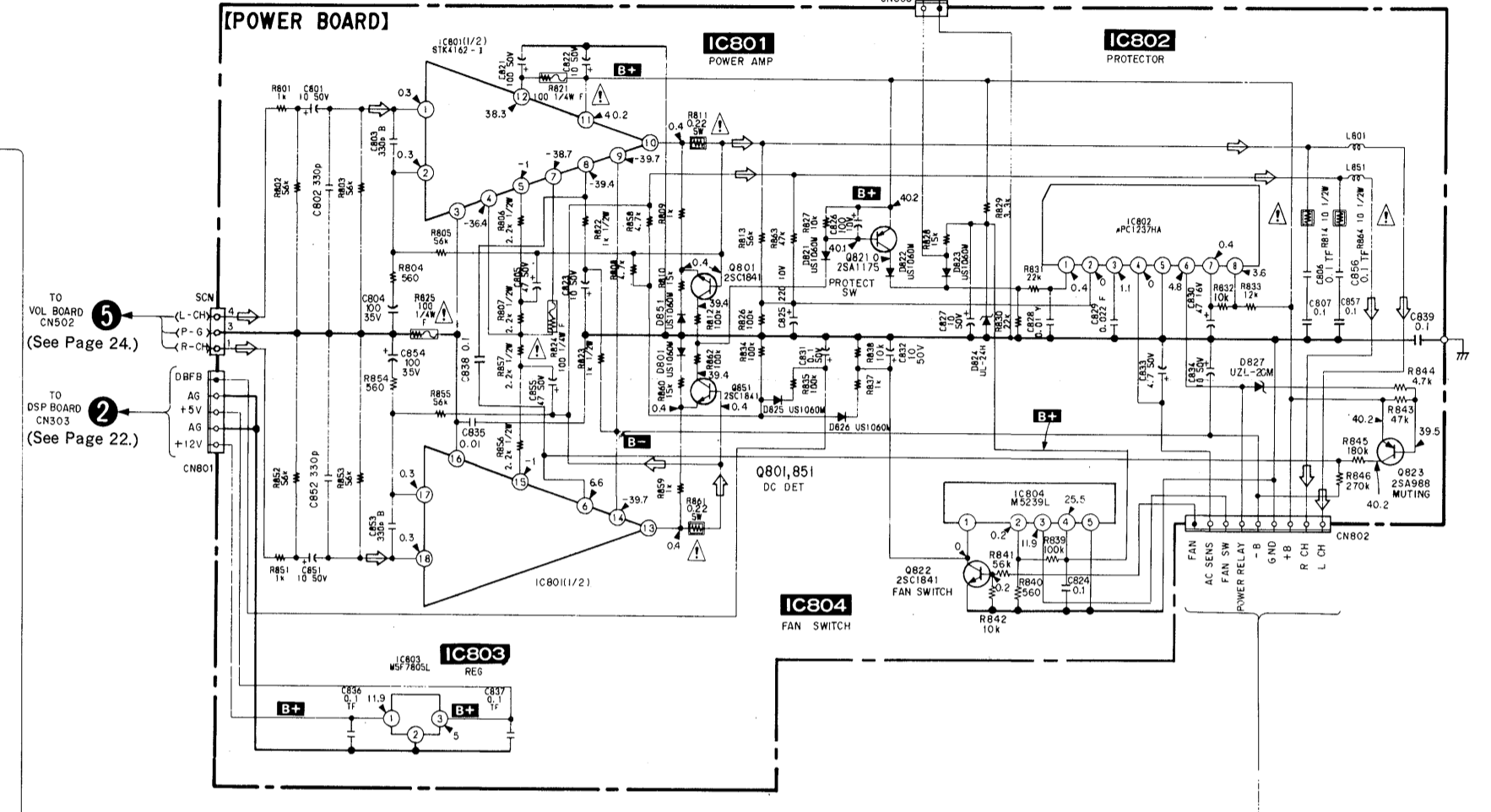
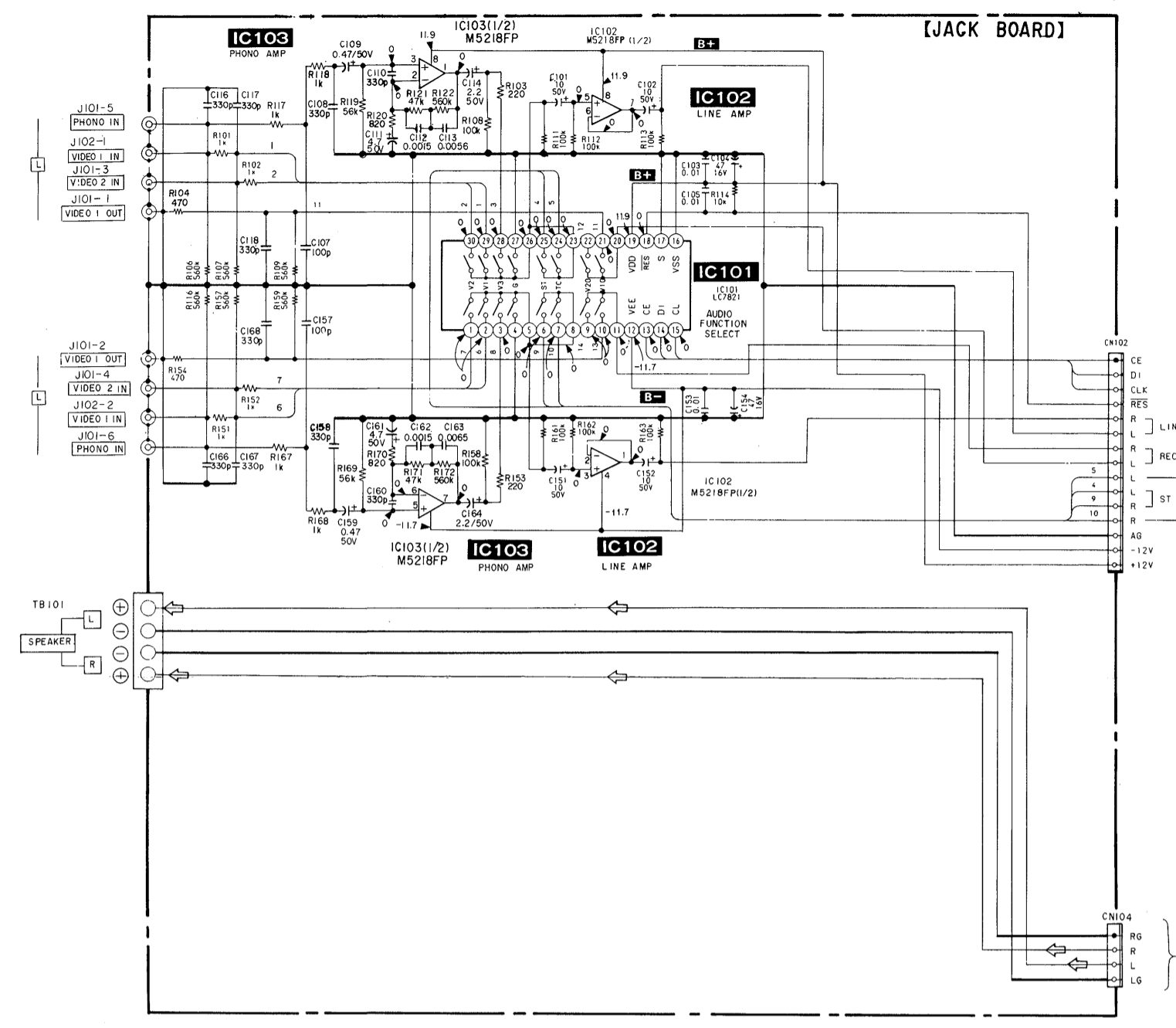
2-5. PRINTED WIRING BOARDS—Analog/Digital Section—





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O

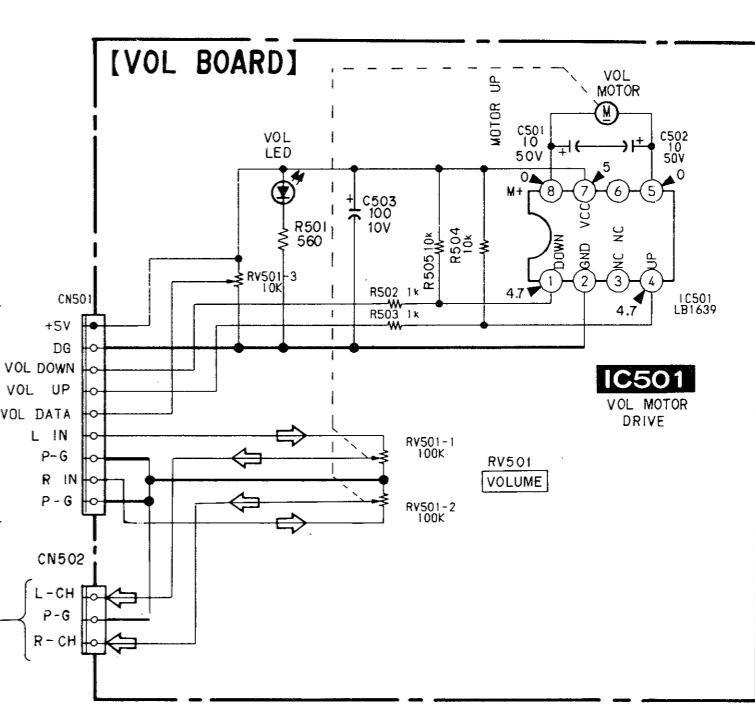
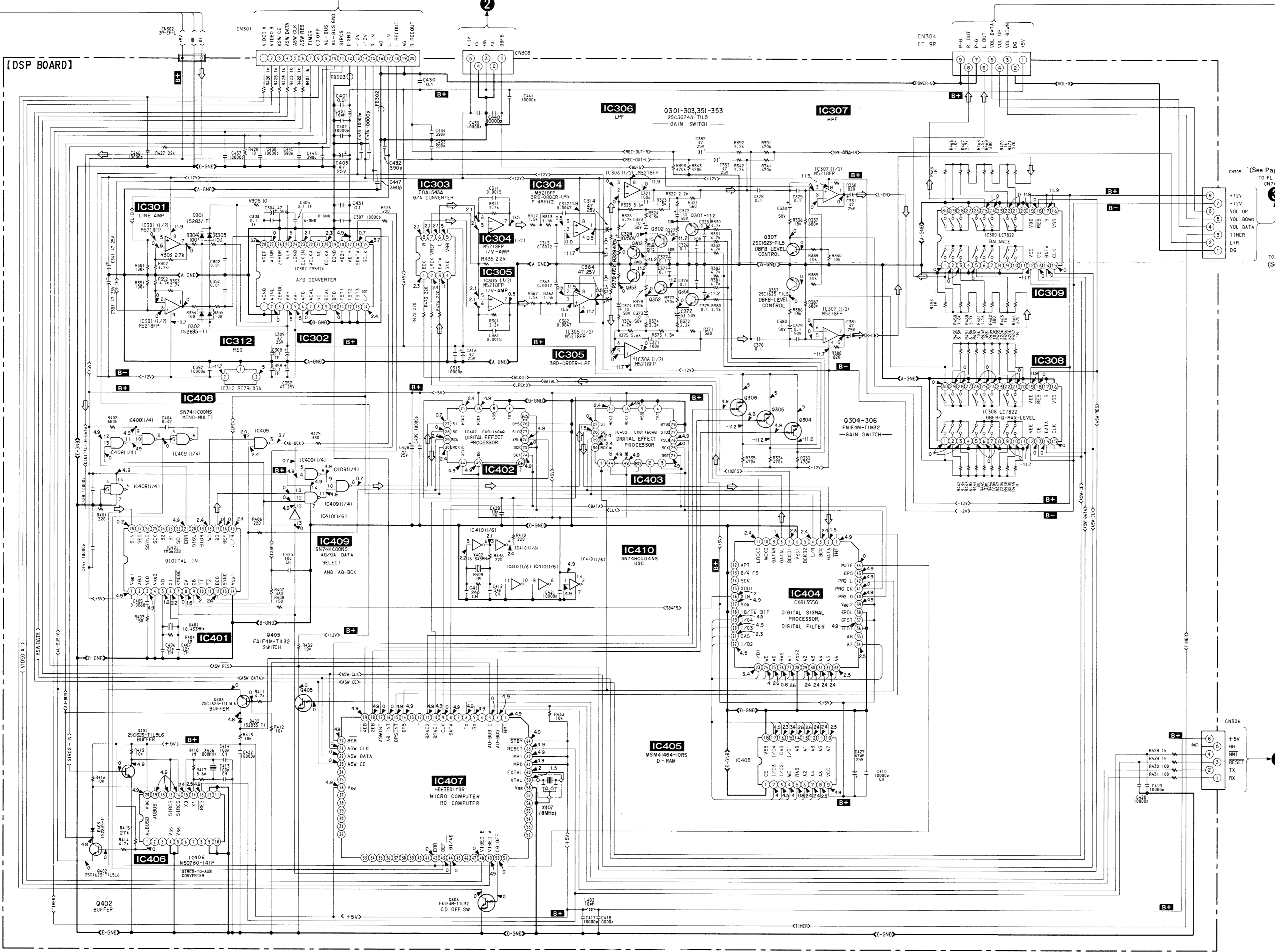
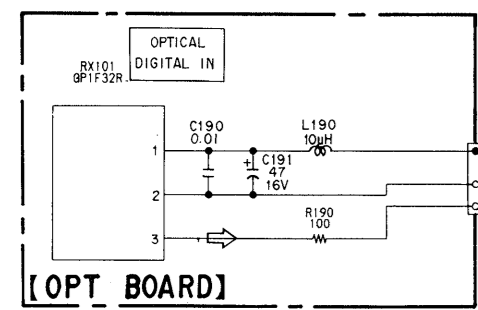


**Note:**

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\text{F}$  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and  $\frac{1}{4}\text{W}$  or less unless otherwise specified.
- : nonflammable resistor.
- : fusible resistor.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- no mark: PHONO
- Voltages are taken with a VOM (Input Impedance 10M  $\Omega$ ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
- : CD

**Note:** The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P





- Note:
- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF:  $\mu\text{F}$  50WV or less are not indicated except for electrolytics and tantalums.
  - All resistors are in  $\Omega$  and  $\frac{1}{2}\text{W}$  or less unless otherwise specified.
  - Voltage and waveforms are dc with respect to ground under no-signal conditions.
  - Voltages are taken with a VOM (Input Impedance  $10\text{M}\Omega$ ). Voltage variations may be noted due to normal production tolerances.
  - Signal path.
- $\square$  : CD

### SECTION 3 EXPLODED VIEW

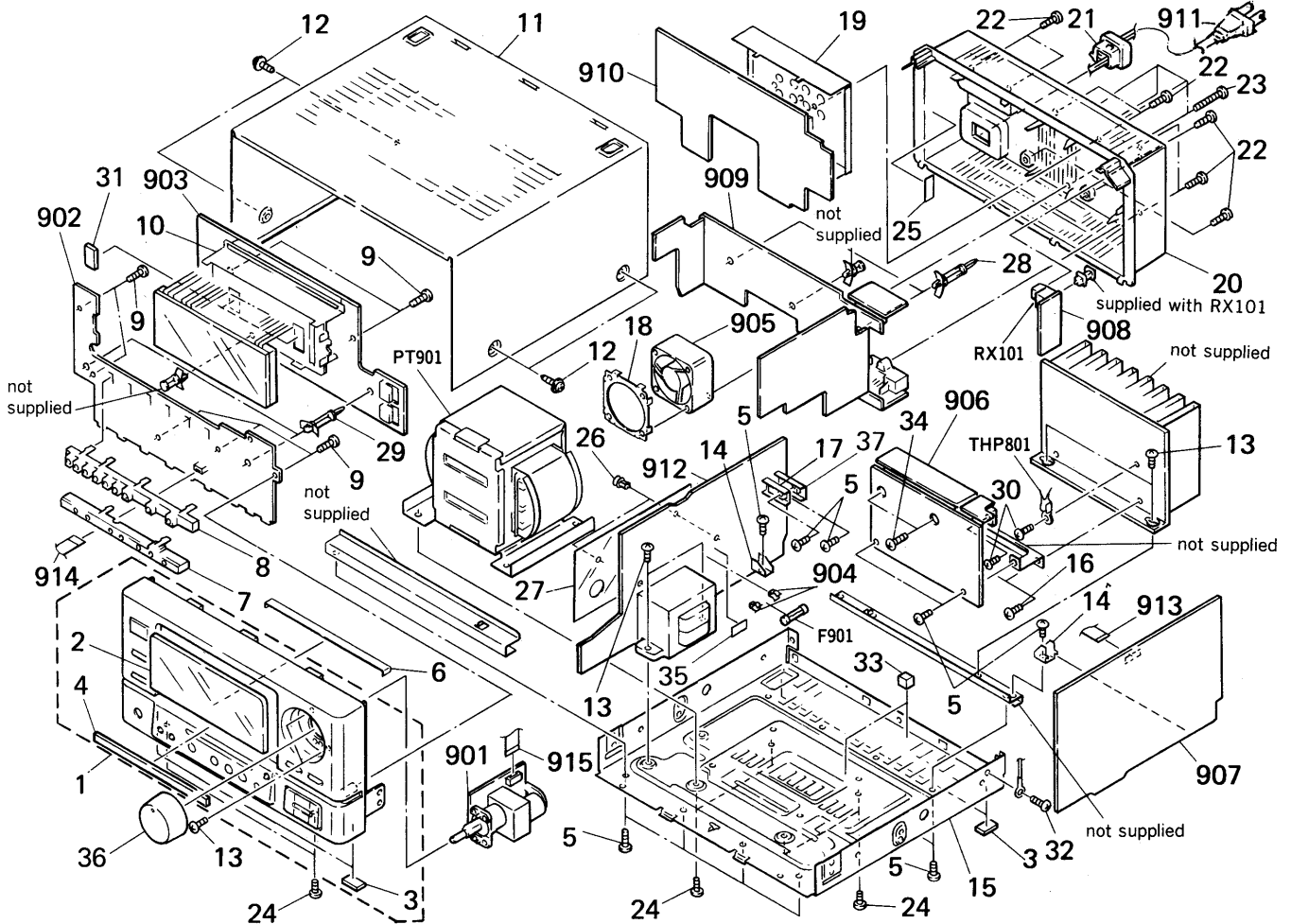
**NOTE:**

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- IT : Itarian Model

- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

- Color Indication of Appearance Parts  
Example:  
(RED) ... KNOB, BALANCE (WHITE)  
↑ Cabinet's Color ↑ Parts Color



Ref.No	Part No.	Description	Remarks
1	X-4930-313-1	PANEL ASSY, FRONT	2-4
2	4-932-820-11	WINDOW	
3	4-930-336-01	FOOT (FELT)	
4	4-932-826-11	PLATE (FUNCTION), INDICATION	
5	7-682-547-04	SCREW +BVTT 3X6 (S)	
6	*4-932-836-01	REINFORCEMENT (P)	
7	4-932-821-01	HOUSE (A)	
8	4-932-822-01	HOUSE (F)	
9	4-928-635-01	SCREW, +BV (2.6X8) TAPPING	
10	4-932-837-01	HOLDER (FL TUBE)	
11	4-932-841-01	CASE	
12	3-704-366-01	SCREW (CASE) (M3X8)	
13	7-682-548-04	SCREW +BVTT 3X8 (S)	
14	*4-932-825-01	BRACKET (MT)	
15	*4-932-854-01	CHASSIS	
16	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3	
17	3-309-144-21	HEAT SINK	
18	*4-932-835-01	BRACKET (FAN)	
19	*4-932-840-12	PLATE, SHIELD	
20	*4-932-842-13	PANEL, BACK	
21	*3-703-244-00	BUSHING (2104), CORD	
22	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
23	7-682-554-09	SCREW +BVTT 3X25 (S)	
24	3-721-187-01	SCREW (3X8)	
25	3-831-441-XX	CUSHION, SPEAKER	
26	4-812-134-11	RIVET NYLON, 3.5	
27	4-932-852-01	SHEET (INSULATING)	
28	*4-924-098-21	HOLDER, PC BOARD	

Ref.No	Part No.	Description	Remarks
29	*4-924-098-31	HOLDER, PC BOARD	
30	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
31	*4-921-941-31	CUSHION (FL)	
32	7-621-770-87	SCREW +PTT 2.6X5 (S)	
33	*4-932-867-11	CUSHION	
34	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
35	*3-701-946-25	LABEL (3.15A 125V), FUSE	
36	X-4936-803-1	KNOB (VOLUME) ASSY	
37	*4-886-555-00	HEAT SINK	
901	*1-634-654-11	PC BOARD, VOL	
902	*A-4334-463-A	MOUNTED PCB, SW	
903	*A-4334-423-A	MOUNTED PCB, FL	
904	*1-533-213-31	HOLDER, FUSE	
905	1-541-562-31	MOTOR, DC FAN (SJ-40A12C)	
906	*A-4334-457-A	MOUNTED PCB, POWER	
907	*A-4334-541-A	MOUNTED PCB, DSP	
908	*1-634-656-11	PC BOARD, OPT	
909	*1-634-655-11	PC BOARD, JUMPER	
910	*A-4334-543-A	MOUNTED PCB, JACK	
911	△1-590-165-11	CORD, POWER (WITH CORE)	
912	*A-4341-316-A	MOUNTED PCB, P.S	
913	1-575-730-11	WIRE, FLAT TYPE (5 CORE)	
914	1-575-731-11	WIRE, FLAT TYPE (7 CORE)	
915	1-575-732-11	WIRE, FLAT TYPE (9 CORE)	
F901	△1-532-745-11	FUSE, GLASS TUBE	
PT901	△1-450-256-11	TRANSFORMER, POWER	
RX101	8-749-921-11	IC GP1F32R	
THP801	1-800-427-00	POSISTOR	

## SECTION 4 ELECTRICAL PARTS LIST

**NOTE:**

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

**CAPACITORS:**MF:  $\mu$ F, PF:  $\mu$  $\mu$ F.**RESISTORS**

- All resistors are in ohms.
- F: nonflammable

**COILS**



- MMH: mH, UH:  $\mu$ H

**SEMICONDUCTORS**In each case, U:  $\mu$ , for example:UA....:  $\mu$ A...., UPA....:  $\mu$ PA....,UPC....:  $\mu$ PC, UPD....:  $\mu$ PD....



The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description	Ref.No	Part No.	Description						
901	* 1-634-654-11	PC BOARD, VOL	C307	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V			
902	* A-4334-463-A	MOUNTED PCB, SW	C308	1-136-165-00	FILM	0.1MF	5%	50V			
903	* A-4334-423-A	MOUNTED PCB, FL	C309	1-124-477-11	ELECT	47MF	20%	25V			
904	* 1-533-213-31	HOLDER, FUSE	C311	1-130-473-00	MYLAR	0.0015MF	5%	50V			
905	1-541-562-31	MOTOR, DC FAN (SJ-40A12C)	C312	1-130-479-00	MYLAR	0.0047MF	5%	50V			
906	* A-4334-457-A	MOUNTED PCB, POWER	C313	1-130-472-00	MYLAR	0.0012MF	5%	50V			
907	* A-4334-541-A	MOUNTED PCB, DSP	C314	1-124-477-11	ELECT	47MF	20%	25V			
908	* 1-634-656-11	PC BOARD, OPT	C315	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V			
909	* 1-634-655-11	PC BOARD, JUMPER	C316	1-124-477-11	ELECT	47MF	20%	25V			
910	* A-4334-543-A	MOUNTED PCB, JACK	C321	1-163-117-00	CERAMIC CHIP	100PF	5%	50V			
911	$\Delta$ 1-590-165-11	CORD, POWER (WITH CORE)	C322	1-123-875-11	ELECT	10MF	20%	50V			
912	* A-4341-316-A	MOUNTED PCB, P.S	C323	1-123-875-11	ELECT	10MF	20%	50V			
913	1-575-730-11	WIRE, FLAT TYPE (5 CORE)	C324	1-123-875-11	ELECT	10MF	20%	50V			
914	1-575-731-11	WIRE, FLAT TYPE (7 CORE)	C325	1-163-038-00	CERAMIC CHIP	0.1MF	20%	25V			
915	1-575-732-11	WIRE, FLAT TYPE (9 CORE)	C326	1-163-038-00	CERAMIC CHIP	0.1MF	20%	25V			
<b>CAPACITOR</b>			C327	1-163-038-00	CERAMIC CHIP	0.1MF	20%	25V			
C101	1-123-875-11	ELECT	10MF	20%	50V	C328	1-136-165-00	FILM	0.1MF	5%	50V
C102	1-123-875-11	ELECT	10MF	20%	50V	C329	1-136-165-00	FILM	0.1MF	5%	50V
C103	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C330	1-124-438-00	ELECT	1MF	20%	50V
C104	1-124-477-11	ELECT	47MF	20%	16V	C331	1-124-477-11	ELECT	47MF	20%	25V
C105	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C332	1-124-477-11	ELECT	47MF	20%	25V
C107	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C341	1-124-477-11	ELECT	47MF	20%	25V
C108	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C352	1-136-153-00	FILM	0.01MF	5%	50V
C109	1-124-902-00	ELECT	0.47MF	20%	50V	C357	1-124-477-11	ELECT	47MF	20%	25V
C110	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C358	1-136-165-00	FILM	0.1MF	5%	50V
C111	1-124-927-11	ELECT	4.7MF	20%	50V	C361	1-130-473-00	MYLAR	0.0015MF	5%	50V
C112	1-130-473-00	MYLAR	0.0015MF	5%	50V	C362	1-130-479-00	MYLAR	0.0047MF	5%	50V
C113	1-130-480-00	MYLAR	0.0056MF	5%	50V	C363	1-130-472-00	MYLAR	0.0012MF	5%	50V
C114	1-124-925-11	ELECT	2.2MF	20%	50V	C364	1-124-477-11	ELECT	47MF	20%	25V
C116	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C371	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C117	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C372	1-123-875-11	ELECT	10MF	20%	50V
C118	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C373	1-123-875-11	ELECT	10MF	20%	50V
C151	1-123-875-11	ELECT	10MF	20%	50V	C374	1-123-875-11	ELECT	10MF	20%	50V
C152	1-123-875-11	ELECT	10MF	20%	50V	C375	1-163-038-00	CERAMIC CHIP	0.1MF	20%	25V
C153	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C376	1-163-038-00	CERAMIC CHIP	0.1MF	20%	25V
C154	1-124-477-11	ELECT	47MF	20%	16V	C377	1-163-038-00	CERAMIC CHIP	0.1MF	20%	25V
C157	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C378	1-136-165-00	FILM	0.1MF	5%	50V
C158	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C379	1-136-165-00	FILM	0.1MF	5%	50V
C159	1-124-902-00	ELECT	0.47MF	20%	50V	C380	1-124-438-00	ELECT	1MF	20%	50V
C160	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C381	1-124-477-11	ELECT	47MF	20%	25V
C161	1-124-927-11	ELECT	4.7MF	20%	50V	C382	1-124-477-11	ELECT	47MF	20%	25V
C162	1-130-473-00	MYLAR	0.0015MF	5%	50V	C391	1-124-477-11	ELECT	47MF	20%	25V
C163	1-130-480-00	MYLAR	0.0056MF	5%	50V	C392	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C164	1-124-925-11	ELECT	2.2MF	20%	50V	C401	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C166	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C402	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C167	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C403	1-124-477-11	ELECT	47MF	20%	25V
C168	1-163-129-00	CERAMIC CHIP	330PF	5%	50V	C404	1-162-637-11	CERAMIC CHIP	0.47MF	20%	16V
C190	1-161-379-00	CERAMIC	0.01MF	30%	16V	C405	1-163-019-00	CERAMIC CHIP	0.0068MF	10%	50V
C191	1-124-477-11	ELECT	47MF	20%	16V	C406	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
C201	1-124-768-11	ELECT	4.7MF	20%	50V	C407	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
C302	1-136-153-00	FILM	0.01MF	5%	50V	C408	1-124-477-11	ELECT	47MF	20%	25V
C303	1-136-165-00	FILM	0.1MF	5%	50V	C409	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C304	1-124-477-11	ELECT	47MF	20%	25V	C410	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C305	1-136-165-00	FILM	0.1MF	5%	50V	C411	1-163-102-00	CERAMIC CHIP	24PF	5%	50V
						C412	1-163-102-00	CERAMIC CHIP	24PF	5%	50V

Ref.No	Part No.	Description				Ref.No	Part No.	Description			
C413	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C824	1-164-159-11	CERAMIC	0.1MF		50V
C414	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C825	1-126-176-11	ELECT	220MF	20%	10V
C417	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C826	1-124-443-00	ELECT	100MF	20%	10V
C418	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C827	1-123-875-11	ELECT	10MF	20%	50V
C419	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C828	1-161-379-00	CERAMIC	0.01MF	30%	16V
C420	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C829	1-161-494-00	CERAMIC	0.022MF		25V
C421	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C830	1-124-477-11	ELECT	47MF	20%	16V
C422	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C831	1-124-463-00	ELECT	0.1MF	20%	50V
C425	1-163-093-00	CERAMIC CHIP	10PF	5%	50V	C832	1-123-875-11	ELECT	10MF	20%	50V
C427	1-124-477-11	ELECT	47MF	20%	25V	C833	1-124-927-11	ELECT	4.7MF	20%	50V
C428	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C834	1-123-875-11	ELECT	10MF	20%	50V
C429	1-163-093-00	CERAMIC CHIP	10PF	5%	50V	C835	1-161-379-00	CERAMIC	0.01MF	30%	16V
C430	1-136-165-00	FILM	0.1MF	5%	50V	C836	1-136-165-00	FILM	0.1MF	5%	50V
C431	1-136-165-00	FILM	0.1MF	5%	50V	C837	1-136-165-00	FILM	0.1MF	5%	50V
C432	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C838	1-164-159-11	CERAMIC	0.1MF		50V
C433	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C839	1-164-159-11	CERAMIC	0.1MF		50V
C434	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C851	1-123-875-11	ELECT	10MF	20%	50V
C435	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C852	1-162-288-31	CERAMIC	330PF	10%	50V
C436	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C853	1-162-288-31	CERAMIC	330PF	10%	50V
C437	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C854	1-124-122-11	ELECT	100MF	20%	35V
C438	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C855	1-124-910-11	ELECT	47MF	20%	50V
C439	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C856	1-136-165-00	FILM	0.1MF	5%	50V
C440	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C857	1-136-165-00	FILM	0.1MF	5%	50V
C441	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C901	△1-161-742-00	CERAMIC	0.0022MF	20%	400V
C442	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C902	1-136-171-00	FILM	0.33MF	5%	50V
C443	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C903	1-136-171-00	FILM	0.33MF	5%	50V
C445	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C904	1-126-976-11	ELECT	4700MF	20%	50V
C446	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C905	1-126-976-11	ELECT	4700MF	20%	50V
C447	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C906	1-136-165-00	FILM	0.1MF	5%	50V
C501	1-123-875-11	ELECT	10MF	20%	50V	C907	1-136-165-00	FILM	0.1MF	5%	50V
C502	1-123-875-11	ELECT	10MF	20%	50V	C912	1-124-636-00	ELECT	3300MF	20%	25V
C503	1-124-443-00	ELECT	100MF	20%	10V	C913	1-124-557-11	ELECT	1000MF	20%	25V
C601	1-161-379-00	CERAMIC	0.01MF	30%	16V	C914	1-124-478-11	ELECT	100MF	20%	25V
C602	1-124-477-11	ELECT	47MF	20%	16V	C915	1-124-478-11	ELECT	100MF	20%	25V
C701	1-126-233-11	ELECT	22MF	20%	25V	C916	1-124-122-11	ELECT	100MF	20%	50V
C702	1-126-233-11	ELECT	22MF	20%	25V	C917	1-124-931-11	ELECT	47MF	20%	100V
C703	1-124-477-11	ELECT	47MF	20%	16V	C918	1-126-233-11	ELECT	22MF	20%	50V
C704	1-124-477-11	ELECT	47MF	20%	16V	C919	1-124-910-11	ELECT	47MF	20%	50V
C705	1-130-475-00	MYLAR	0.0022MF	5%	50V	C920	1-161-379-00	CERAMIC	0.01MF	30%	16V
C706	1-130-477-00	MYLAR	0.0033MF	5%	50V	C922	1-124-477-11	ELECT	47MF	20%	25V
C707	1-162-288-31	CERAMIC	330PF	10%	50V	C923	1-124-479-11	ELECT	330MF	20%	25V
C708	1-162-219-31	CERAMIC	68PF	5%	50V	C924	1-124-912-11	ELECT	330MF	20%	50V
C709	1-162-288-31	CERAMIC	330PF	10%	50V	C925	1-124-910-11	ELECT	47MF	20%	35V
C710	1-124-925-11	ELECT	2.2MF	20%	50V	C926	1-161-379-00	CERAMIC	0.01MF	30%	16V
C711	1-126-233-11	ELECT	22MF	20%	25V	C927	1-136-165-00	FILM	0.1MF	5%	50V
C712	1-124-477-11	ELECT	47MF	20%	16V	C928	1-126-939-11	ELECT	10000MF	20%	16V
C713	1-124-927-11	ELECT	4.7MF	20%	50V	C929	1-124-480-11	ELECT	470MF	20%	25V
C714	1-124-791-11	ELECT	1MF	20%	50V	C930	1-124-477-11	ELECT	47MF	20%	25V
C715	1-123-875-11	ELECT	10MF	20%	50V	C931	1-136-165-00	FILM	0.1MF	5%	50V
C716	1-124-477-11	ELECT	47MF	20%	16V	C933	1-164-159-11	CERAMIC	0.1MF		50V
C717	1-161-379-00	CERAMIC	0.01MF	30%	16V	C934	1-164-159-11	CERAMIC	0.1MF		50V
C718	1-136-153-00	FILM	0.01MF	5%	50V	C935	1-164-159-11	CERAMIC	0.1MF		50V
C719	1-124-927-11	ELECT	4.7MF	20%	50V	C936	1-164-159-11	CERAMIC	0.1MF		50V
C720	1-164-159-11	CERAMIC	0.1MF		50V	CN102	*1-568-648-11	SOCKET, CONNECTOR 15P			
C721	1-164-159-11	CERAMIC	0.1MF		50V	CN104	1-562-087-00	SOCKET, CONNECTOR 4P			
C801	1-123-875-11	ELECT	10MF	20%	50V	CN201	*1-566-859-11	SOCKET, CONNECTOR 15P (SYSTEM CONTROL 1)			
C802	1-162-288-31	CERAMIC	330PF	10%	50V	CN202	1-506-979-31	CONNECTOR, BOARD TO BOARD 13P			
C803	1-162-288-31	CERAMIC	330PF	10%	50V	CN203	*1-565-291-11	SOCKET, CONNECTOR 13P (SYSTEM CONTROL 2)			
C804	1-124-122-11	ELECT	100MF	20%	35V	CN204	1-506-979-31	CONNECTOR, BOARD TO BOARD 13P			
C805	1-124-910-11	ELECT	47MF	20%	50V	CN205	1-563-314-11	CONNECTOR, BOARD TO BOARD 20P			
C806	1-136-165-00	FILM	0.1MF	5%	50V	CN207	*1-569-647-11	PIN, CONNECTOR 15P			
C807	1-136-165-00	FILM	0.1MF	5%	50V	CN209	*1-506-509-11	PIN, CONNECTOR 4P			
C821	1-124-122-11	ELECT	100MF	20%	50V	CN210	*1-563-529-11	CONNECTOR, BOARD TO BOARD 9P			
C822	1-123-875-11	ELECT	10MF	20%	50V	CN211	*1-563-529-11	CONNECTOR, BOARD TO BOARD 9P			
C823	1-123-875-11	ELECT	10MF	20%	50V	CN301	*1-566-154-11	CONNECTOR, BOARD TO BOARD 20P			

**Note:** The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description	Ref.No	Part No.	Description
CN302	* 1-564-518-11	PLUG, CONNECTOR 3P	D907	8-719-200-77	DIODE 10E2N
CN303	* 1-568-824-11	SOCKET, CONNECTOR 5P	D908	8-719-200-77	DIODE 10E2N
CN304	* 1-568-828-11	SOCKET, CONNECTOR 9P	D909	8-719-200-77	DIODE 10E2N
CN305	1-568-319-11	SOCKET, CONNECTOR 8P	D910	8-719-200-77	DIODE 10E2N
CN306	1-568-317-11	SOCKET, CONNECTOR 6P	D911	8-719-200-77	DIODE 10E2N
CN501	* 1-568-852-11	SOCKET, CONNECTOR 9P	D912	8-719-002-18	DIODE UZL-20M
CN502	* 1-564-518-11	PLUG, CONNECTOR 3P	D915	8-719-014-66	DIODE UZP-5.6B
CN601	* 1-563-381-11	SOCKET, CONNECTOR 11P	D916	8-719-200-77	DIODE 10E2N
CN602	* 1-568-826-11	SOCKET, CONNECTOR 7P	D917	8-719-200-77	DIODE 10E2N
CN701	* 1-568-320-11	PLUG, CONNECTOR 8P	D918	8-719-200-77	DIODE 10E2N
CN702	* 1-568-318-11	PLUG, CONNECTOR 6P	D919	8-719-014-23	DIODE UZP-3.3BB
CN703	* 1-568-322-11	PLUG, CONNECTOR 10P	D920	8-719-912-20	DIODE 1SS120
CN704	* 1-569-648-11	PIN, CONNECTOR (PC BOARD) 11P	D921	8-719-912-20	DIODE 1SS120
CN705	* 1-568-826-11	SOCKET, CONNECTOR 7P	D922	8-719-912-20	DIODE 1SS120
CN801	* 1-568-848-11	SOCKET, CONNECTOR 5P	D923	8-719-912-20	DIODE 1SS120
CN901	* 1-564-321-00	PIN, CONNECTOR 2P	D924	8-719-002-18	DIODE UZL-20M
CN902	* 1-564-321-00	PIN, CONNECTOR 2P	D925	8-719-912-20	DIODE 1SS120
CN903	* 1-564-512-11	PLUG, CONNECTOR 9P	D926	8-719-200-77	DIODE 10E2N
CN904	1-566-125-11	CONNECTOR, BOARD TO BOARD 9P	F201	△.1-532-780-21	FUSE, MICRO (SECONDARY) (2.5A)
CN905	1-566-125-11	CONNECTOR, BOARD TO BOARD 9P	F202	△.1-532-775-11	FUSE, MICRO (SECONDARY) (0.8A)
CN906	1-568-321-11	SOCKET, CONNECTOR 10P	F901	△.1-532-745-11	FUSE, GLASS TUBE
CN907	* 1-564-242-00	PIN, CONNECTOR 5P	F902	△.1-532-783-21	FUSE, MICRO (SECONDARY) (5A)
CN908	* 1-580-444-11	PIN, CONNECTOR 3P	F903	△.1-532-783-21	FUSE, MICRO (SECONDARY) (5A)
CN909	* 1-506-944-11	PIN, CONNECTOR 2P	FB302	1-410-396-41	FERRITE BEAD INDUCTOR
CP701	1-233-020-11	COMPOSITION CIRCUIT BLOCK	FB303	1-410-396-41	FERRITE BEAD INDUCTOR
CP702	1-233-214-11	COMPOSITION CIRCUIT BLOCK	FL701	1-519-587-11	INDICATOR TUBE, FLUORESCENT
D301	8-719-400-18	DIODE MA152WK	IC101	8-759-805-13	IC LC7821
D302	8-719-104-34	DIODE 1S2836	IC102	8-759-603-13	IC M5218FP
D402	8-719-104-34	DIODE 1S2836	IC103	8-759-603-13	IC M5218FP
D403	8-719-104-34	DIODE 1S2836	IC301	8-759-603-13	IC M5218FP
D601	8-719-301-44	DIODE SEL2410E-D	IC302	8-759-999-09	IC CS5326-KP
D603	8-719-301-39	DIODE SEL2210S	IC303	8-759-990-13	IC TDA1543A
D604	8-719-301-39	DIODE SEL2210S	IC304	8-759-603-13	IC M5218FP
D605	8-719-301-39	DIODE SEL2210S	IC305	8-759-603-13	IC M5218FP
D606	8-719-301-39	DIODE SEL2210S	IC306	8-759-603-13	IC M5218FP
D607	8-719-301-39	DIODE SEL2210S	IC307	8-759-603-13	IC M5218FP
D610	8-719-301-39	DIODE SEL2210S	IC308	8-759-805-14	IC LC7822
D611	8-719-301-39	DIODE SEL2210S	IC309	8-759-805-14	IC LC7822
D612	8-719-301-39	DIODE SEL2210S	IC312	8-759-982-44	IC RC79L05A
D613	8-719-301-39	DIODE SEL2210S	IC401	8-759-973-98	IC YM3623B
D614	8-719-301-61	DIODE SEL2910A-D	IC402	8-752-332-80	IC CXD1160AQ
D615	8-719-301-39	DIODE SEL2210S	IC403	8-752-332-80	IC CXD1160AQ
D616	8-719-301-61	DIODE SEL2910A-D	IC404	8-759-979-94	IC CXD1355Q
D617	8-719-301-61	DIODE SEL2910A-D	IC405	8-759-973-04	IC MSM41464-10RS
D701	8-719-933-36	DIODE HZS6B1L	IC406	8-759-634-73	IC M50760-141P
D702	8-719-933-36	DIODE HZS6B1L	IC407	8-759-322-46	IC HD63B01Y0RM46F
D703	8-719-912-20	DIODE 1SS120	IC408	8-759-927-46	IC SN74HC00NS
D704	8-719-933-36	DIODE HZS6B1L	IC409	8-759-927-46	IC SN74HC00NS
D705	8-719-912-20	DIODE 1SS120	IC410	8-759-927-29	IC SN74HCU04NS
D707	8-719-200-82	DIODE 11ES2	IC501	8-759-820-62	IC LB1639
D708	8-719-912-20	DIODE 1SS120	IC701	8-759-999-53	IC MSC1164GS-K
D709	8-719-000-60	DIODE UZL-6M2	IC702	8-759-999-53	IC MSC1164GS-K
D710	8-719-912-20	DIODE 1SS120	IC703	8-759-999-53	IC MSC1164GS-K
D801	8-719-912-20	DIODE 1SS120	IC704	8-759-634-50	IC M5218AL
D821	8-719-912-20	DIODE 1SS120	IC705	8-759-991-11	IC XR1091DCP
D822	8-719-912-20	DIODE 1SS120	IC706	8-759-991-11	IC XR1091DCP
D823	8-719-912-20	DIODE 1SS120	IC707	8-759-208-08	IC TC4052BPHB
D824	8-719-934-15	DIODE HZS24-3L	IC708	8-759-208-08	IC TC4052BPHB
D825	8-719-912-20	DIODE 1SS120	IC709	8-759-037-63	IC MC68HC11E9FU-SC400220
D826	8-719-912-20	DIODE 1SS120	IC710	8-759-605-16	IC M51953BL
D827	8-719-002-18	DIODE UZL-20M	IC801	8-749-900-24	IC STK-4162MK2
D851	8-719-912-20	DIODE 1SS120	IC802	8-759-111-68	IC UPC1237HA
D901	8-719-302-38	DIODE RBV-602-01	IC803	8-759-604-29	IC M5F7805L
D902	8-719-912-20	DIODE 1SS120	IC804	8-759-635-00	IC M5239L
D906	8-719-200-77	DIODE 10E2N			

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Ref.No	Part No.	Description
IC902	8-759-604-33	IC M5F7812L
IC903	8-759-604-51	IC M5F7912L
IC904	8-759-634-63	IC M5278D56
IC905	8-759-604-93	IC M5F7924L
J101	1-565-303-11	JACK, PIN 6P (VIDEO 1 OUT, VIDEO 2 IN, PHONO IN)
J102	1-507-912-21	JACK, PIN 2P (VIDEO 1 IN)
J901	1-562-837-21	JACK (HEADPHONES)
L190	1-410-470-11	INDUCTOR 10UH
L401	1-410-470-11	INDUCTOR 10UH
L402	1-410-470-11	INDUCTOR 10UH
L801	*1-420-872-00	COIL, AIR CORE
L851	*1-420-872-00	COIL, AIR CORE
PT901	△1-450-256-11	TRANSFORMER, POWER
PT902	△1-450-255-11	TRANSFORMER, POWER
Q301	8-729-107-46	TRANSISTOR 2SC3624A-L15
Q302	8-729-107-46	TRANSISTOR 2SC3624A-L15
Q303	8-729-107-46	TRANSISTOR 2SC3624A-L15
Q304	8-729-113-69	TRANSISTOR FN1F4M-M32
Q305	8-729-113-69	TRANSISTOR FN1F4M-M32
Q306	8-729-113-69	TRANSISTOR FN1F4M-M32
Q307	8-729-100-66	TRANSISTOR 2SC1623
Q351	8-729-107-46	TRANSISTOR 2SC3624A-L15
Q352	8-729-107-46	TRANSISTOR 2SC3624A-L15
Q353	8-729-107-46	TRANSISTOR 2SC3624A-L15
Q357	8-729-100-66	TRANSISTOR 2SC1623
Q401	8-729-100-66	TRANSISTOR 2SC1623
Q402	8-729-100-66	TRANSISTOR 2SC1623
Q403	8-729-100-66	TRANSISTOR 2SC1623
Q404	8-729-113-10	TRANSISTOR FA1F4M-L32
Q405	8-729-113-10	TRANSISTOR FA1F4M-L32
Q601	8-729-806-22	TRANSISTOR 2SC3864
Q602	8-729-620-05	TRANSISTOR 2SC2603-EF
Q603	8-729-620-05	TRANSISTOR 2SC2603-EF
Q604	8-729-620-05	TRANSISTOR 2SC2603-EF
Q605	8-729-620-05	TRANSISTOR 2SC2603-EF
Q606	8-729-620-05	TRANSISTOR 2SC2603-EF
Q608	8-729-620-05	TRANSISTOR 2SC2603-EF
Q609	8-729-620-05	TRANSISTOR 2SC2603-EF
Q610	8-729-620-05	TRANSISTOR 2SC2603-EF
Q611	8-729-620-05	TRANSISTOR 2SC2603-EF
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q702	8-729-620-05	TRANSISTOR 2SC2603-EF
Q703	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q704	8-729-900-80	TRANSISTOR DTC114ES
Q705	8-729-900-69	TRANSISTOR DTA144WS
Q706	8-729-900-69	TRANSISTOR DTA144WS
Q707	8-729-620-05	TRANSISTOR 2SC2603-EF
Q801	8-729-140-84	TRANSISTOR 2SA1841-PAFAEA
Q821	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q822	8-729-140-84	TRANSISTOR 2SA1841-PAFAEA
Q823	8-729-108-14	TRANSISTOR 2SA988-F
Q851	8-729-140-84	TRANSISTOR 2SA1841-PAFAEA
Q901	8-729-920-98	TRANSISTOR 2SD1761-EF
Q902	8-729-801-94	TRANSISTOR 2SD1387-4
Q903	8-729-111-29	TRANSISTOR 2SD1616A-K
Q904	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q905	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q906	8-729-141-26	TRANSISTOR 2SC3622A-LK
Q907	8-729-801-84	TRANSISTOR 2SB1013-4
<b>RESISTOR</b>		
R101	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R102	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R103	1-216-033-00	METAL GLAZE 220 5% 1/10W

Ref.No	Part No.	Description
R104	1-216-041-00	METAL GLAZE 470 5% 1/10W
R106	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R107	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R108	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R109	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R111	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R112	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R113	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R114	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R116	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R117	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R118	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R119	1-216-091-00	METAL GLAZE 56K 5% 1/10W
R120	1-216-047-00	METAL GLAZE 820 5% 1/10W
R121	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R122	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R151	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R152	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R153	1-216-033-00	METAL GLAZE 220 5% 1/10W
R154	1-216-041-00	METAL GLAZE 470 5% 1/10W
R157	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R158	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R159	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R161	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R162	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R163	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R167	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R168	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R169	1-216-091-00	METAL GLAZE 56K 5% 1/10W
R170	1-216-047-00	METAL GLAZE 820 5% 1/10W
R171	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R172	1-216-115-00	METAL GLAZE 560K 5% 1/10W
R190	1-249-405-11	CARBON 100 5% 1/4W
R201	1-249-417-11	CARBON 1K 5% 1/4W
R202	1-247-897-11	CARBON 560K 5% 1/4W
R203	1-249-417-11	CARBON 1K 5% 1/4W
R204	1-247-897-11	CARBON 560K 5% 1/4W
R210	1-249-411-11	CARBON 330 5% 1/4W
R211	1-249-429-11	CARBON 10K 5% 1/4W
R212	1-249-433-11	CARBON 22K 5% 1/4W
R251	1-249-417-11	CARBON 1K 5% 1/4W
R252	1-247-897-11	CARBON 560K 5% 1/4W
R253	1-249-417-11	CARBON 1K 5% 1/4W
R254	1-247-897-11	CARBON 560K 5% 1/4W
R255	△1-217-469-00	FUSIBLE 1 5% 1W F
R256	1-249-393-11	CARBON 10 5% 1/4W
R301	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R302	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W
R303	1-216-059-00	METAL GLAZE 2.7K 5% 1/10W
R304	1-216-025-00	METAL GLAZE 100 5% 1/10W
R305	1-216-025-00	METAL GLAZE 100 5% 1/10W
R306	1-216-001-00	METAL GLAZE 10 5% 1/10W
R311	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W
R312	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R313	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R314	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R321	1-216-043-00	METAL GLAZE 560 5% 1/10W
R322	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W
R323	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R324	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W
R325	1-216-067-00	METAL GLAZE 5.6K 5% 1/10W
R326	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W
R327	1-216-113-00	METAL GLAZE 470K 5% 1/10W
R328	1-216-113-00	METAL GLAZE 470K 5% 1/10W
R329	1-216-113-00	METAL GLAZE 470K 5% 1/10W

**Note:** The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description			
R330	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R331	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R332	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R333	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R334	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R335	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R336	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R337	1-216-117-00	METAL GLAZE	680K	5%	1/10W
R338	1-216-047-00	METAL GLAZE	820	5%	1/10W
R339	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R340	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R341	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R342	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R343	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R351	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R352	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R353	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R354	1-216-025-00	METAL GLAZE	100	5%	1/10W
R355	1-216-025-00	METAL GLAZE	100	5%	1/10W
R361	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R362	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R363	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R364	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R371	1-216-043-00	METAL GLAZE	560	5%	1/10W
R372	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R373	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R374	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R375	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R376	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R377	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R378	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R379	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R380	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R381	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R382	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R386	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R387	1-216-117-00	METAL GLAZE	680K	5%	1/10W
R388	1-216-047-00	METAL GLAZE	820	5%	1/10W
R389	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R391	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R392	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R393	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R401	1-216-033-00	METAL GLAZE	220	5%	1/10W
R402	1-216-117-00	METAL GLAZE	680K	5%	1/10W
R403	1-216-029-00	METAL GLAZE	150	5%	1/10W
R404	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R406	1-216-033-00	METAL GLAZE	220	5%	1/10W
R407	1-216-037-00	METAL GLAZE	330	5%	1/10W
R408	1-216-029-00	METAL GLAZE	150	5%	1/10W
R409	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R410	1-216-033-00	METAL GLAZE	220	5%	1/10W
R411	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R412	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R413	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R414	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R415	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R416	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R417	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R418	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R419	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R420	1-216-001-00	METAL GLAZE	10	5%	1/10W
R421	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R422	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R423	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R424	1-216-049-00	METAL GLAZE	1K	5%	1/10W

Ref.No	Part No.	Description			
R425	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R426	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R427	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R428	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R429	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R430	1-216-025-00	METAL GLAZE	100	5%	1/10W
R431	1-216-025-00	METAL GLAZE	100	5%	1/10W
R432	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R433	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R435	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R436	1-216-033-00	METAL GLAZE	220	5%	1/10W
R442	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R443	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R444	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R445	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R446	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R447	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R448	1-216-119-00	METAL GLAZE	820K	5%	1/10W
R449	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R450	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R451	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R452	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R453	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R454	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R455	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R456	1-216-119-00	METAL GLAZE	820K	5%	1/10W
R457	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R458	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R459	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R460	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R461	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R462	1-216-045-00	METAL GLAZE	680	5%	1/10W
R463	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R464	1-216-035-00	METAL GLAZE	270	5%	1/10W
R465	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R466	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R467	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R468	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R469	1-216-045-00	METAL GLAZE	680	5%	1/10W
R470	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R471	1-216-035-00	METAL GLAZE	270	5%	1/10W
R472	1-216-035-00	METAL GLAZE	270	5%	1/10W
R473	1-216-033-00	METAL GLAZE	220	5%	1/10W
R474	1-216-033-00	METAL GLAZE	220	5%	1/10W
R475	1-216-037-00	METAL GLAZE	330	5%	1/10W
R476	1-216-033-00	METAL GLAZE	220	5%	1/10W
R501	1-249-414-11	CARBON	560	5%	1/4W
R502	1-249-417-11	CARBON	1K	5%	1/4W
R503	1-249-417-11	CARBON	1K	5%	1/4W
R504	1-249-429-11	CARBON	10K	5%	1/4W
R505	1-249-429-11	CARBON	10K	5%	1/4W
R601	1-249-417-11	CARBON	1K	5%	1/4W
R602	1-249-417-11	CARBON	1K	5%	1/4W
R603	1-249-417-11	CARBON	1K	5%	1/4W
R605	1-249-417-11	CARBON	1K	5%	1/4W
R606	1-249-417-11	CARBON	1K	5%	1/4W
R607	1-249-417-11	CARBON	1K	5%	1/4W
R608	1-249-417-11	CARBON	1K	5%	1/4W
R609	1-249-407-11	CARBON	150	5%	1/4W
R610	1-249-403-11	CARBON	68	5%	1/4W
R611	1-249-406-11	CARBON	120	5%	1/4W
R612	1-249-406-11	CARBON	120	5%	1/4W
R614	1-249-406-11	CARBON	120	5%	1/4W
R615	1-249-408-11	CARBON	180	5%	1/4W
R616	1-249-404-00	CARBON	82	5%	1/4W



Ref.No	Part No.	Description				Ref.No	Part No.	Description			
R617	1-249-404-00	CARBON	82	5%	1/4W	R746	1-249-417-11	CARBON	1K	5%	1/4W
R618	1-249-423-11	CARBON	3.3K	5%	1/4W	R747	1-249-417-11	CARBON	1K	5%	1/4W
R620	1-249-413-11	CARBON	470	5%	1/4W	R748	1-249-441-11	CARBON	100K	5%	1/4W
R621	1-249-415-11	CARBON	680	5%	1/4W	R749	1-249-417-11	CARBON	1K	5%	1/4W
R622	1-249-417-11	CARBON	1K	5%	1/4W	R750	1-249-417-11	CARBON	1K	5%	1/4W
R623	1-249-419-11	CARBON	1.5K	5%	1/4W	R751	1-249-417-11	CARBON	1K	5%	1/4W
R624	1-249-421-11	CARBON	2.2K	5%	1/4W	R752	1-249-417-11	CARBON	1K	5%	1/4W
R625	1-249-423-11	CARBON	3.3K	5%	1/4W	R753	1-249-405-11	CARBON	100	5%	1/4W
R627	1-249-413-11	CARBON	470	5%	1/4W	R754	1-249-417-11	CARBON	1K	5%	1/4W
R628	1-249-415-11	CARBON	680	5%	1/4W	R755	1-249-429-11	CARBON	10K	5%	1/4W
R629	1-249-417-11	CARBON	1K	5%	1/4W	R756	1-249-433-11	CARBON	22K	5%	1/4W
R630	1-249-419-11	CARBON	1.5K	5%	1/4W	R757	1-249-433-11	CARBON	22K	5%	1/4W
R631	1-249-421-11	CARBON	2.2K	5%	1/4W	R758	1-249-433-11	CARBON	22K	5%	1/4W
R632	1-249-423-11	CARBON	3.3K	5%	1/4W	R759	1-249-429-11	CARBON	10K	5%	1/4W
R634	1-249-413-11	CARBON	470	5%	1/4W	R760	1-249-420-11	CARBON	1.8K	5%	1/4W
R635	1-249-415-11	CARBON	680	5%	1/4W	R761	1-249-428-11	CARBON	8.2K	5%	1/4W
R636	1-249-417-11	CARBON	1K	5%	1/4W	R762	1-249-429-11	CARBON	10K	5%	1/4W
R637	1-249-419-11	CARBON	1.5K	5%	1/4W	R763	1-249-433-11	CARBON	22K	5%	1/4W
R638	1-249-421-11	CARBON	2.2K	5%	1/4W	R764	1-249-429-11	CARBON	10K	5%	1/4W
R639	1-249-423-11	CARBON	3.3K	5%	1/4W	R765	1-249-429-11	CARBON	10K	5%	1/4W
R641	1-249-413-11	CARBON	470	5%	1/4W	R766	1-249-429-11	CARBON	10K	5%	1/4W
R642	1-249-415-11	CARBON	680	5%	1/4W	R767	1-247-903-00	CARBON	1M	5%	1/4W
R643	1-249-417-11	CARBON	1K	5%	1/4W	R771	1-249-417-11	CARBON	1K	5%	1/4W
R644	1-249-419-11	CARBON	1.5K	5%	1/4W	R773	1-249-404-00	CARBON	82	5%	1/4W
R645	1-249-408-11	CARBON	180	5%	1/4W	R774	1-249-404-00	CARBON	82	5%	1/4W
R646	1-249-402-11	CARBON	56	5%	1/4W	R775	1-249-433-11	CARBON	22K	5%	1/4W
R647	1-249-417-11	CARBON	1K	5%	1/4W	R776	1-249-417-11	CARBON	1K	5%	1/4W
R648	1-249-437-11	CARBON	47K	5%	1/4W	R777	1-249-441-11	CARBON	100K	5%	1/4W
R649	1-249-417-11	CARBON	1K	5%	1/4W	R801	1-249-417-11	CARBON	1K	5%	1/4W
R650	1-249-437-11	CARBON	47K	5%	1/4W	R802	1-249-438-11	CARBON	56K	5%	1/4W
R701	1-249-417-11	CARBON	1K	5%	1/4W	R803	1-249-438-11	CARBON	56K	5%	1/4W
R702	1-247-903-00	CARBON	1M	5%	1/4W	R804	1-249-414-11	CARBON	560	5%	1/4W
R703	1-249-404-00	CARBON	82	5%	1/4W	R805	1-249-438-11	CARBON	56K	5%	1/4W
R704	1-249-404-00	CARBON	82	5%	1/4W	R806	1-247-756-11	CARBON	2.2K	5%	1/2W
R709	1-249-429-11	CARBON	10K	5%	1/4W	R807	1-247-756-11	CARBON	2.2K	5%	1/2W
R710	1-249-429-11	CARBON	10K	5%	1/4W	R808	1-249-425-11	CARBON	4.7K	5%	1/4W
R711	1-249-429-11	CARBON	10K	5%	1/4W	R809	1-249-417-11	CARBON	1K	5%	1/4W
R712	1-249-429-11	CARBON	10K	5%	1/4W	R810	1-249-431-11	CARBON	15K	5%	1/4W
R713	1-249-429-11	CARBON	10K	5%	1/4W	R811	△1-217-156-00	METAL PLATE	0.22	10%	5W
R714	1-249-433-11	CARBON	22K	5%	1/4W	R812	1-249-441-11	CARBON	100K	5%	1/4W
R715	1-249-418-11	CARBON	1.2K	5%	1/4W	R813	1-249-438-11	CARBON	56K	5%	1/4W
R716	1-249-417-11	CARBON	1K	5%	1/4W	R814	△1-247-727-11	CARBON	10	5%	1/2W
R717	1-249-401-11	CARBON	47	5%	1/4W	R821	△1-212-881-11	FUSIBLE	100	5%	1/4W
R724	1-249-429-11	CARBON	10K	5%	1/4W	R822	1-247-752-11	CARBON	1K	5%	1/2W
R725	1-249-429-11	CARBON	10K	5%	1/4W	R823	1-247-752-11	CARBON	1K	5%	1/2W
R726	1-249-429-11	CARBON	10K	5%	1/4W	R824	△1-212-881-11	FUSIBLE	100	5%	1/4W
R727	1-249-429-11	CARBON	10K	5%	1/4W	R825	△1-212-881-11	FUSIBLE	100	5%	1/4W
R728	1-249-429-11	CARBON	10K	5%	1/4W	R826	1-249-441-11	CARBON	100K	5%	1/4W
R729	1-249-429-11	CARBON	10K	5%	1/4W	R827	1-249-429-11	CARBON	10K	5%	1/4W
R730	1-249-417-11	CARBON	1K	5%	1/4W	R828	1-249-431-11	CARBON	15K	5%	1/4W
R731	1-249-405-11	CARBON	100	5%	1/4W	R829	1-249-423-11	CARBON	3.3K	5%	1/4W
R732	1-249-440-11	CARBON	82K	5%	1/4W	R830	1-249-433-11	CARBON	22K	5%	1/4W
R733	1-249-421-11	CARBON	2.2K	5%	1/4W	R831	1-249-433-11	CARBON	22K	5%	1/4W
R734	1-247-895-00	CARBON	470K	5%	1/4W	R832	1-249-429-11	CARBON	10K	5%	1/4W
R735	1-249-421-11	CARBON	2.2K	5%	1/4W	R833	1-249-430-11	CARBON	12K	5%	1/4W
R736	1-247-883-00	CARBON	150K	5%	1/4W	R834	1-249-441-11	CARBON	100K	5%	1/4W
R737	1-247-903-00	CARBON	1M	5%	1/4W	R835	1-249-441-11	CARBON	100K	5%	1/4W
R738	1-249-417-11	CARBON	1K	5%	1/4W	R837	1-249-417-11	CARBON	1K	5%	1/4W
R739	1-249-417-11	CARBON	1K	5%	1/4W	R838	1-249-429-11	CARBON	10K	5%	1/4W
R740	1-249-429-11	CARBON	10K	5%	1/4W	R839	1-249-441-11	CARBON	100K	5%	1/4W
R741	1-249-417-11	CARBON	1K	5%	1/4W	R840	1-249-414-11	CARBON	560	5%	1/4W
R742	1-249-429-11	CARBON	10K	5%	1/4W	R841	1-249-438-11	CARBON	56K	5%	1/4W
R743	1-249-405-11	CARBON	100	5%	1/4W	R842	1-249-429-11	CARBON	10K	5%	1/4W
R744	1-249-405-11	CARBON	100	5%	1/4W	R843	1-249-437-11	CARBON	47K	5%	1/4W
R745	1-249-429-11	CARBON	10K	5%	1/4W	R844	1-249-425-11	CARBON	4.7K	5%	1/4W

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description				
R845	1-247-885-00	CARBON	180K	5%	1/4W	
R846	1-247-889-00	CARBON	270K	5%	1/4W	
R851	1-249-417-11	CARBON	1K	5%	1/4W	
R852	1-249-438-11	CARBON	56K	5%	1/4W	
R853	1-249-438-11	CARBON	56K	5%	1/4W	
R854	1-249-414-11	CARBON	560	5%	1/4W	
R855	1-249-438-11	CARBON	56K	5%	1/4W	
R856	1-247-756-11	CARBON	2.2K	5%	1/2W	
R857	1-247-756-11	CARBON	2.2K	5%	1/2W	
R858	1-249-425-11	CARBON	4.7K	5%	1/4W	
R859	1-249-417-11	CARBON	1K	5%	1/4W	
R860	1-249-431-11	CARBON	15K	5%	1/4W	
R861	△.1-217-156-00	METAL PLATE	0.22	10%	5W	
R862	1-249-441-11	CARBON	100K	5%	1/4W	
R863	1-249-437-11	CARBON	47K	5%	1/4W	
R864	△.1-247-727-11	CARBON	10	5%	1/2W	F
R901	1-249-433-11	CARBON	22K	5%	1/4W	
R904	1-249-429-11	CARBON	10K	5%	1/4W	
R905	1-249-432-11	CARBON	18K	5%	1/4W	
R906	△.1-216-421-11	METAL OXIDE	12	5%	1W	F
R907	1-249-432-11	CARBON	18K	5%	1/4W	
R909	△.1-216-430-11	METAL OXIDE	390	5%	1W	F
R910	1-249-425-11	CARBON	4.7K	5%	1/4W	
R911	1-249-425-11	CARBON	4.7K	5%	1/4W	
R912	△.1-247-751-11	CARBON	820	5%	1/2W	F
R913	△.1-247-751-11	CARBON	820	5%	1/2W	F
R914	1-247-895-00	CARBON	470K	5%	1/4W	
R915	1-249-417-11	CARBON	1K	5%	1/4W	
R916	1-249-417-11	CARBON	1K	5%	1/4W	
R917	1-249-425-11	CARBON	4.7K	5%	1/4W	
R920	1-249-441-11	CARBON	100K	5%	1/4W	
R921	△.1-212-849-00	FUSIBLE	4.7	5%	1/4W	F
R922	1-249-425-11	CARBON	4.7K	5%	1/4W	
R923	1-249-429-11	CARBON	10K	5%	1/4W	
R926	△.1-212-869-00	FUSIBLE	33	5%	1/4W	F
R928	1-249-425-11	CARBON	4.7K	5%	1/4W	
R929	1-249-437-11	CARBON	47K	5%	1/4W	
R930	△.1-202-725-00	SOLID	3.3M	10%	1/2W	
R931	1-249-398-11	CARBON	27	5%	1/4W	
RV501	1-238-708-11	RES. VAR, CARBON 10K/100K/100K (VOLUME)				
RX101	8-749-921-11	IC GP1F32R				
RY901	1-515-720-11	RELAY				
RY902	1-515-533-11	RELAY				
S601	1-554-303-21	SWITCH, KEY BOARD (MEORY)				
S602	1-554-303-21	SWITCH, KEY BOARD (ON/OFF)				
S603	1-554-303-21	SWITCH, KEY BOARD (PRESENCE SURROUND)				
S604	1-554-303-21	SWITCH, KEY BOARD (PARAMETRIC EQUALIZER)				
S605	1-554-303-21	SWITCH, KEY BOARD (DYNAMIC SOUND)				
S606	1-554-303-21	SWITCH, KEY BOARD (DSP)				
S607	1-554-303-21	SWITCH, KEY BOARD (<)				
S608	1-554-303-21	SWITCH, KEY BOARD (<▽)				
S609	1-554-303-21	SWITCH, KEY BOARD (<△)				
S610	1-554-303-21	SWITCH, KEY BOARD (>)				
S611	1-554-303-21	SWITCH, KEY BOARD (BALANCE)				
S612	1-554-303-21	SWITCH, KEY BOARD (DBFB)				
S613	1-554-303-21	SWITCH, KEY BOARD (TUNING)				
S614	1-554-303-21	SWITCH, KEY BOARD (CD)				
S615	1-554-303-21	SWITCH, KEY BOARD (TAPE)				
S616	1-554-303-21	SWITCH, KEY BOARD (PHONO)				
S617	1-554-303-21	SWITCH, KEY BOARD (VIDEO 2)				
S618	1-554-303-21	SWITCH, KEY BOARD (VIDEO 1)				
S619	1-554-303-21	SWITCH, KEY BOARD (PROGRAM FUNCTION)				
S620	1-554-303-21	SWITCH, KEY BOARD (WAKE UP)				

Ref.No	Part No.	Description
S621	1-554-303-21	SWITCH, KEY BOARD (DISPLAY)
S622	1-554-303-21	SWITCH, KEY BOARD (DEMO)
S623	1-554-303-21	SWITCH, KEY BOARD (SYSTEM POWER)
TB101	1-537-276-11	TERMINAL BOARD (SP) (SPEAKER)
THP801	1-800-427-00	POSISTOR
X401	1-577-269-11	VIBRATOR, CRYSTAL (18.432MHz)
X402	1-577-614-11	VIBRATOR, CRYSTAL (16.345MHz)
X406	1-578-699-11	OSCILLATOR, CERAMIC (800kHz)
X407	1-577-157-11	VIBRATOR, CERAMIC (8MHz)
X701	1-577-157-11	VIBRATOR, CERAMIC (8MHz)

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.