

HITACHI

SERVICE MANUAL

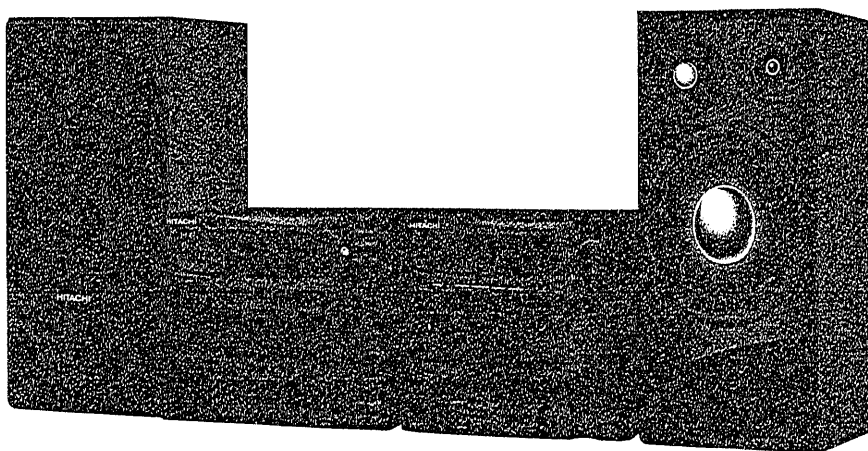
YS

No. 0034E

AX-C22

[UC, E, E(BS), E(Z), W, W(UN), W(AU)]

CWA-432RR



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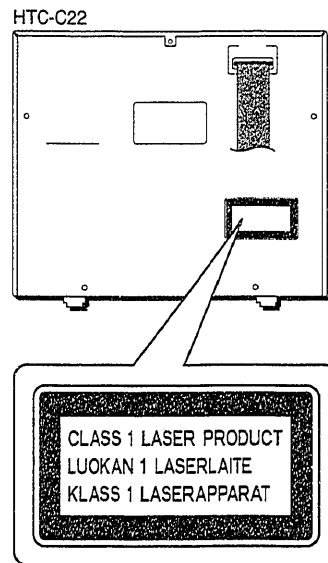
SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT

COMPACT HI-FI COMPONENT SYSTEM

June 1995

HITACHI CONSUMER PRODUCTS (S)

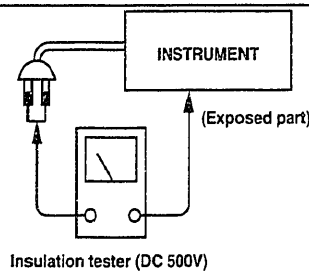
• The caution labels on laser usage



Check that exposed parts are acceptably insulated from the supply circuit before returning the repaired instrument to the customer.

• Checking method

Measure the resistance value between both poles of attachment cup (Power supply plug) and the exposed parts (parts such as Knob, Cover, etc. where the customer is easy to touch) to check that the resistance value is 500 kohms or more.



Insulation tester (DC 500V)

SAFETY PRECAUTIONS

The following precautions should be observed when servicing.

1. Since many parts in the unit have special safety-related characteristics, always use genuine Hitachi's replacement parts. Especially critical parts in the power circuit block should not be replaced with other makers. Critical parts are marked with Δ in the circuit diagram and printed wiring board.
2. Before returning a repaired unit to the customer, the service technician must thoroughly test the unit to ascertain that it is completely safe to operate without danger of electrical shock.

SPECIFICATIONS

• TUNER SECTION

Circuit system:	FM/MW/LW 3 bands [for E, E(BS), E(Z)] FM/SW/MW 3 bands [for W, W(UN), W(AU)] FM/AM 2 bands [for UC]
Tuning range:	FM: 87.5 - 108 MHz (50 kHz step) MW: 522 - 1,611 kHz (9 kHz step) LW: 153 - 281 kHz (1 kHz step) [for E, E(BS), E(Z)] FM: 87.5 - 108 MHz (50 kHz step) SW: 3.8 - 12.5 MHz (5 kHz step) (MW Spacing: 9 kHz) MW: 522 - 1,611 kHz (9 kHz step) (MW Spacing: 10 kHz) MW: 530 - 1,710 kHz (10 kHz step) [for W, W(UN), W(AU)] FM: 87.9 - 107.9 MHz (200 kHz step) AM: 530 - 1,710 MHz (10 kHz step) [for UC]
IEC Sensitivity: (S/N 26 dB)	FM: 1.5 μ V/75 ohms MW: 1,400 μ V/m (loop antenna) LW: 5,000 μ V/m (loop antenna) [for E, E(BS), E(Z)] SW: 400 μ V [for W, W(UN), W(AU)] AM: 1,400 μ V/m (loop antenna) [for UC]

• TAPE DECK SECTION

Track system:	4 tracks, 2 channels
Recording system:	AC bias
Erasing system:	AC erase
Tape:	TAPE 1: Playback TAPE 2: Recording/Playback Normal/CrO ₂ /Metal (Playback only) 4.75 cm/s
Tape speed:	
Frequency Response:	Normal: 40 - 15,000 Hz CrO ₂ : 40 - 16,000 Hz
S/N ratio:	63 dB (Dolby-on, IHF-A, 3% THD)

• AMPLIFIER SECTION

Input sensitivity/ Impedance:	MIC: 3 mV (10 kohms) AUX: 400 mV (27 kohms) (US pin sockets)
Output impedance:	External speaker terminals Suitable impedance: 6 - 16 ohms Headphones Suitable impedance: 8 - 100 ohms
Audio output:	37 W + 37 W (6 ohms, T.H.D. 1%)

• TIMER SECTION

System:	Digital quartz clock
Display format:	24-hour cycle [for E, E(BS), E(Z)] 12-hour cycle [for W, W(UN), W(AU), UC]
Timer accuracy:	Within 60 seconds at monthly rate

• CD PLAYER SECTION

Number of channels:	2
Frequency Response:	20 - 20,000 Hz
Disc:	12 cm/8 cm
Laser Diode Properties:	Wave length: 785 nm Laser output: Less than 175 μ W (IEC Pub 825) Less than 48.5 μ W (FDA CFR 21)

• GENERAL SPECIFICATION

Power supply:	AC 230 V, 50 Hz [for E, E(BS), E(Z)] AC 110 V - 120 V/220 V - 240 V, 50/60 Hz [for W, W(UN), W(AU)] AC 120 V, 60 Hz [for UC]
Power consumption:	74 W [for E, E(BS), E(Z), W, W(UN), W(AU)] 80 W [for UC]
Dimensions:	HTC-C22: 225 (W) x 175 (H) x 317 (D) mm HAD-C22: 225 (W) x 175 (H) x 366 (D) mm
Weight:	HTC-C22: 3.3 kg HAD-C22: 5.8 kg

• SPEAKER SECTION

System:	3-way bass reflex speaker system
Speakers:	Bass reflex: 14 cm x 1; 5 cm x 1; 2 cm x 1 6 ohms
Impedance:	
Maximum Input Power:	50 W (music peak signal)
Dimensions:	HS-AX22: 175 (W) x 350 (H) x 205 (D) mm
Weight:	2.9 kg/piece

• ACCESSORIES

AM loop antenna:	1
FM indoor antenna:	1
[For UC, E, E(BS), E(Z), W(AU)]	
Remote control (RB-AXC55):	1

* Specifications are subjected to change without notice for performance improvement.

SERVICE POINTS**HAD-C22:**

1. **Removal of the Top Cover (Fig. 1)**
(1) Remove 7 screws ①.
2. **Removal of Rear Plate (Fig. 2)**
(1) Remove 2 screws ② from the heat sink cover. Then remove the heat sink cover from the rear plate.
(2) Remove 4 screws ③ from the left and right bracket, and bottom chassis.
(3) Remove 3 screws ④ from Tuner Audio P.W.B. Board and 2 screws ④ from Main P.W.B. Board.
(4) Remove the AC cord bushing from the A.C. power cord. Then remove the rear plate.
3. **Removal of Left and Right Brackets (Fig. 3)**
(1) Remove 2 screws ⑤ from (side of) front panel. Then remove the brackets from the front panel by releasing the claws that hold the brackets to the front panel together.
4. **Removal of Tuner Audio P.W.B. Board (Fig. 4)**
(1) Release 3 connectors ⑥.
(2) Release 1 connector ⑦ from Tape P.W.B. Board.
(3) Release 1 connector ⑧ from Main P.W.B. Board.
(4) Remove 1 screw ⑨ from bracket on Main P.W.B. Board.
(5) Gently remove Tuner Audio P.W.B. Board from Tape P.W.B. Board by pulling the board free of the 2 connectors ⑩ from Tape P.W.B. Board.
5. **Removal of Tape P.W.B. Board (Fig. 5)**
(1) Release 5 connectors ⑪.
(2) Release 2 flat connectors ⑫.
(3) Remove 2 screws ⑬ from 2 P.W.B. brackets(L) on the bottom chassis.
(4) Gently remove Tape P.W.B. Board from Main P.W.B. Board by pulling the board free of a connector ⑬ from Main P.W.B. Board.
6. **Removal of Main and power P.W.B. Board (Fig. 6)**
(1) Remove 5 screws ⑭ from Main P.W.B.
(2) Remove 4 screws ⑮ from the Transformer.
7. **Removal of Bottom Chassis (Fig. 7)**
(1) Remove 2 screws ⑯ from (bottom of) front panel.
(2) Remove 2 screws ⑰ from 2 Mecha holders (for holding the cassette mechanism to the bottom chassis.)
(3) Remove the bottom chassis from the front panel.
8. **Removal of Volume P.W.B. Board (Fig. 8)**
(1) Remove the volume knob from the front panel.
(2) Remove the nut and washer from the Volume shaft.
(3) Remove the Volume P.W.B. board.
9. **Removal of Display P.W.B. Board (Fig. 9)**
(1) Remove 4 screws ⑱ from the Display P.W.B. Board.
(2) Remove the Display P.W.B. Board. Note that the key buttons are also removed at this point.
10. **Removal of Cassette Mechanism (Fig. 10a & Fig. 10b)**
(1) Remove 4 screws ⑲ (top 3 and bottom 1) from the cassette mechanism.
(2) Press both cassette eject buttons together and the cassette mechanism will slide off smoothly from the front panel.

Caution:

- (a) Be sure to use 3x8 BT screws ⑲.
- (b) Be careful to rest eject lever on the eject cam.
 - Ensure that the eject lever is pushed up by the eject cam when the eject button is pressed.

11. **Removal of Eject Bracket (Fig. 11)**
(1) Remove the 2 eject springs.
(2) Remove 2 screws ⑳ and then remove the eject bracket.
12. **Removal of Cassette Door (Fig. 12)**
(1) Gently, squeeze together the bottoms of the cassette door latches. When the latches are free of the restraining holes, remove the cassette door by pulling it forward.
13. **Removal of Deck Key P.W.B. Board (Fig. 13)**
(1) Remove 4 screws ㉑.

HTC-C22:

1. **Removal of the Top Cover (Fig. 14)**
(1) Remove 5 screws ①.
2. **Removal of Rear Plate (Fig. 15)**
(1) Remove 4 screws ②: 2 from the left and right brackets and 2 from the bottom chassis.
(2) Release 1 connector ③.
3. **Removal of CDC P.W.B. Board (Fig. 16)**
(1) Release 2 connectors ④ and 4 connectors ⑤.
(2) Remove 4 screws ③ from the left and right brackets.
4. **Removal of Left and Right Brackets (Fig. 17)**
(1) Remove 2 screws ④ from (side of) front panel. Then remove the brackets from the front panel by releasing the claws that hold the brackets to the front panel together.
5. **Removal of CD Mechanism (Fig. 18)**
(1) Remove 4 screws ⑤ from the bottom chassis.
6. **Removal of Bottom Chassis (Fig. 19)**
(1) Remove 1 screw ⑥ from (bottom of) front panel.
(2) Remove the bottom chassis from the front panel by releasing the claws that hold the bottom chassis to the front panel together.
7. **Removal of Display P.W.B. Board (Fig. 20)**
(1) Remove 6 screws ⑦ from the Display P.W.B. Board. Then remove the Display P.W.B. Board by releasing a hook on the front panel.
8. **Removal of Key P.W.B. Board (Fig. 21)**
(1) Remove 2 screws ⑧ from the Key P.W.B. Board.

Cautions when servicing**(a) Semiconductor laser (Fig. 22)**

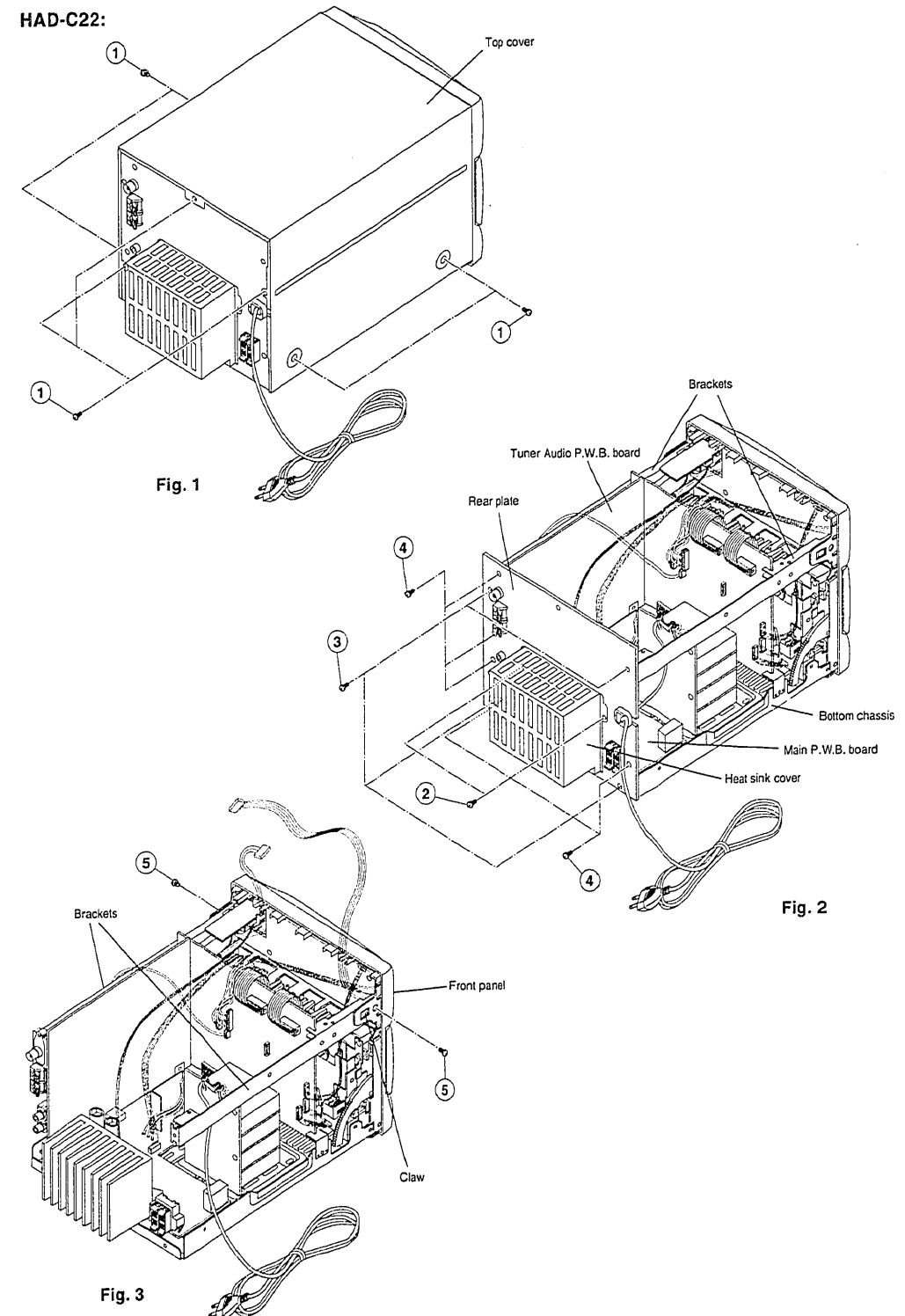
The semiconductor laser is very sensitive to electrostatic breakdown and surge current. Do not touch the terminals of the semiconductor laser and FLEXIBLE P.W.B with your finger or tools. Relationship between current and light intensity is shown in Fig. 22. When the threshold current is exceeded, intensity changes steeply. The threshold current value is a little different depending on individual laser.

(b) Handling of the unit mechanism section (Fig. 23)

When handling the pickup mechanism section or the unit mechanism section, use the grounding ring as shown in Fig. 23. (The grounding ring can be made from normal lead wire.)

(c) Replacing pickup mechanism (Fig. 24 & Fig. 25)

When replacing a new pickup mechanism, remove the solder of the short point.

HAD-C22:

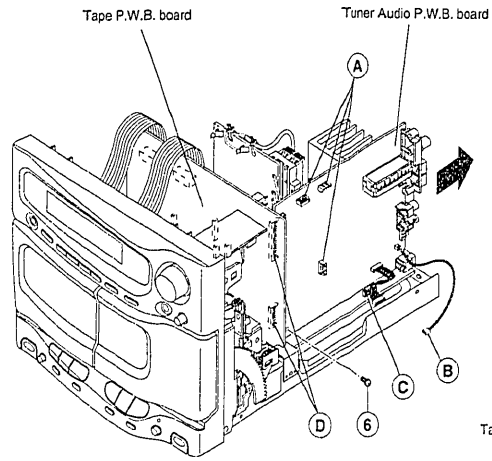


Fig. 4

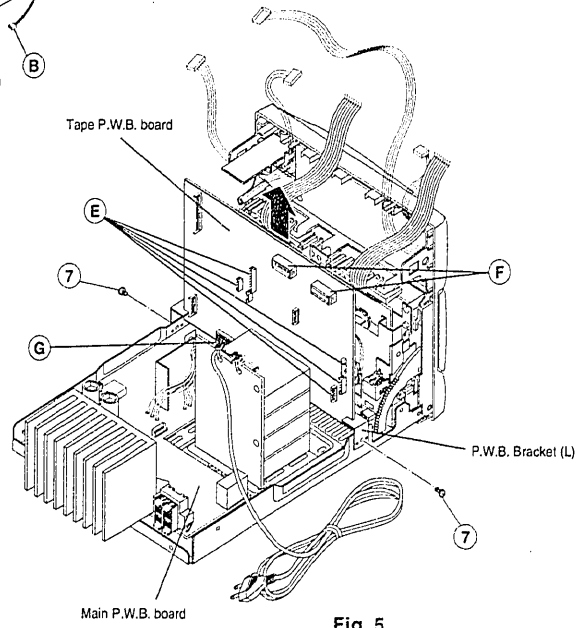


Fig. 5

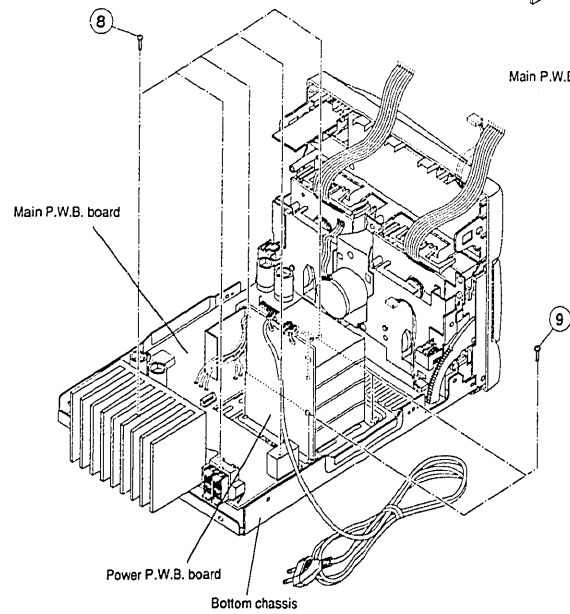


Fig. 6

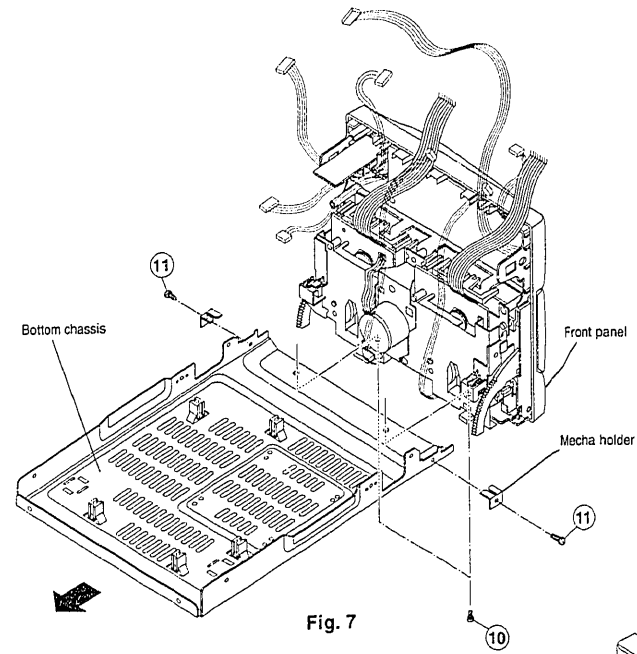


Fig. 7

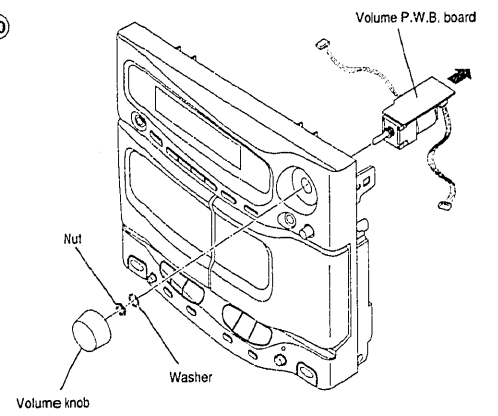


Fig. 8

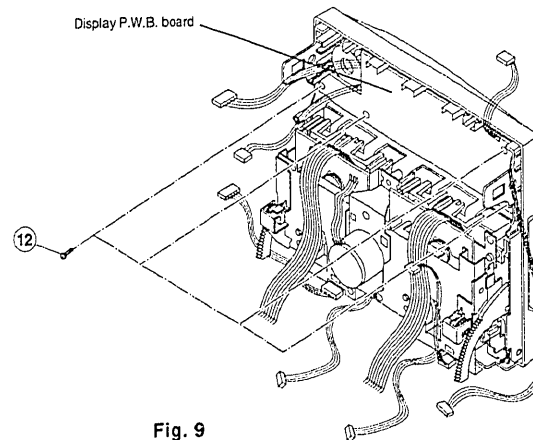


Fig. 9

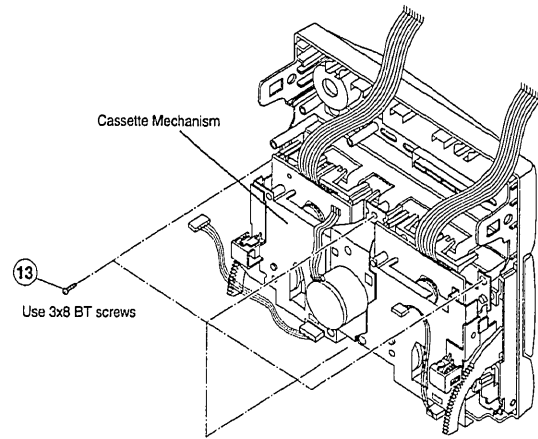


Fig. 10a

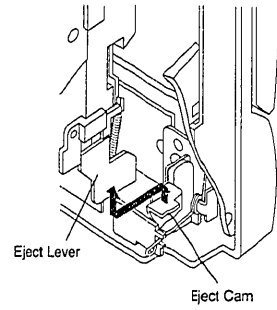


Fig. 10b

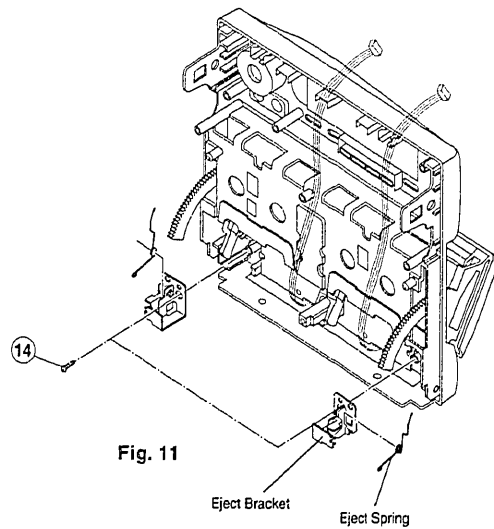


Fig. 11

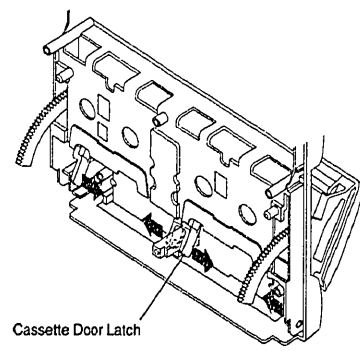


Fig. 12

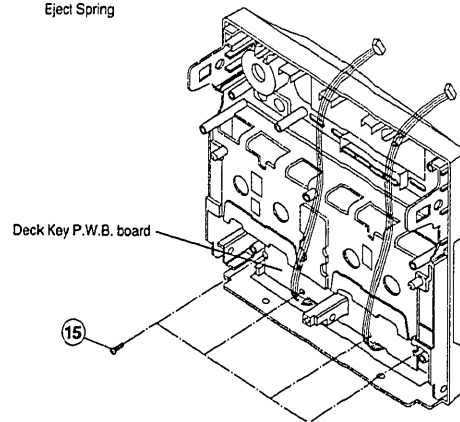


Fig. 13

HTC-C22:

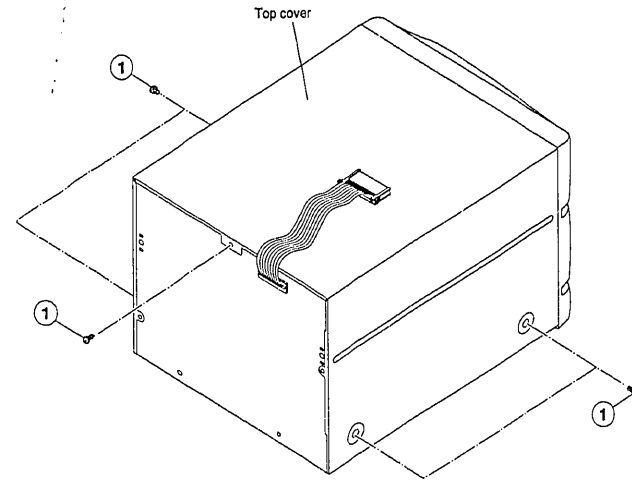


Fig. 14

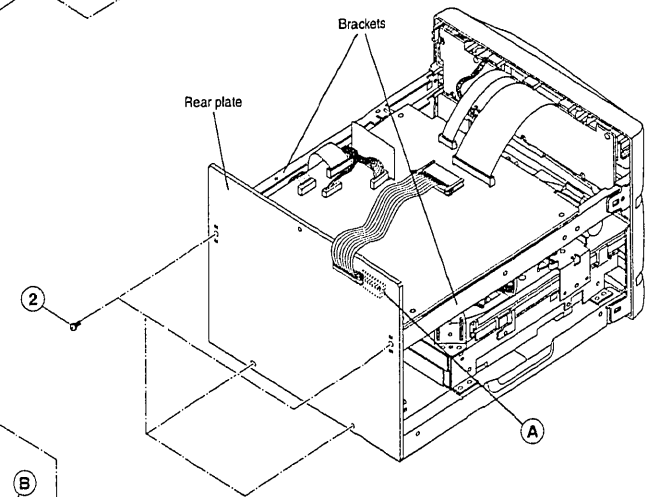


Fig. 15

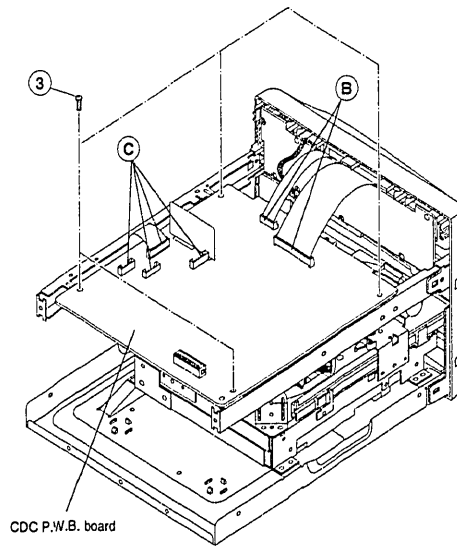


Fig. 16

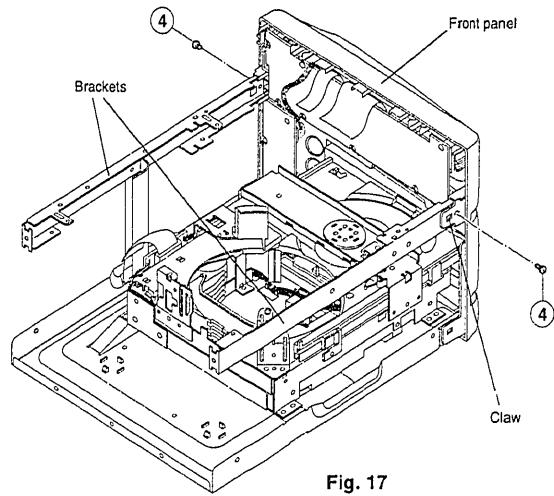


Fig. 17

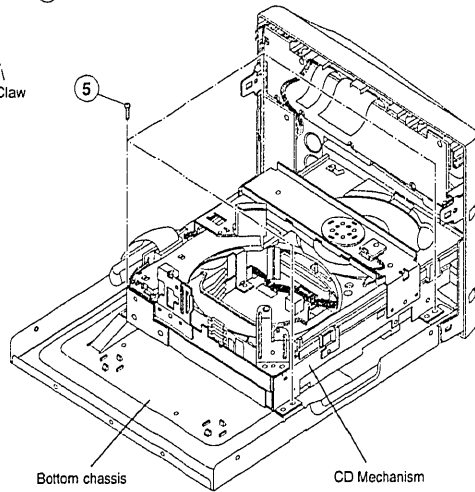


Fig. 18

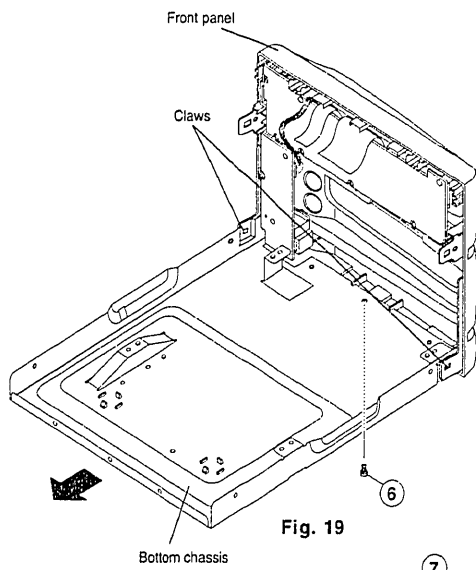


Fig. 19

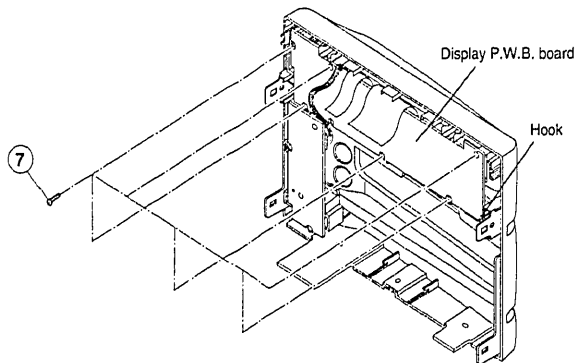


Fig. 20

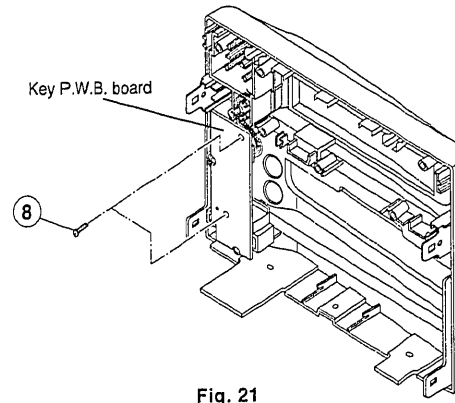


Fig. 21

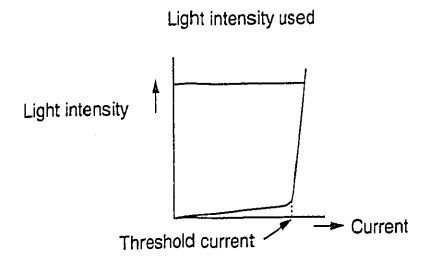


Fig. 22

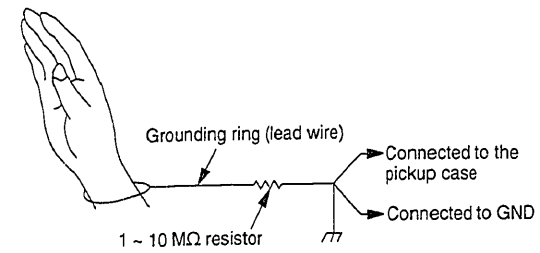


Fig. 23

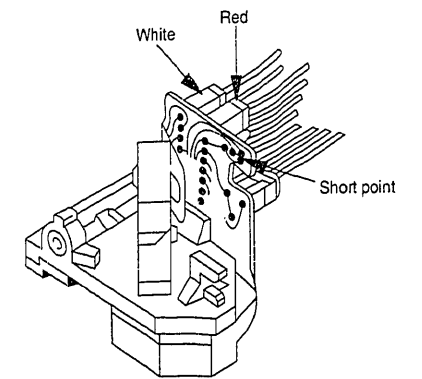


Fig. 24

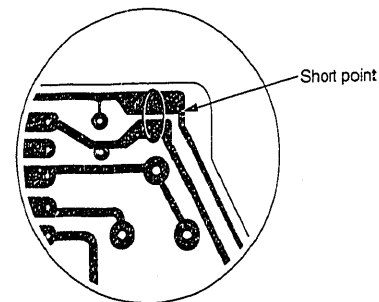
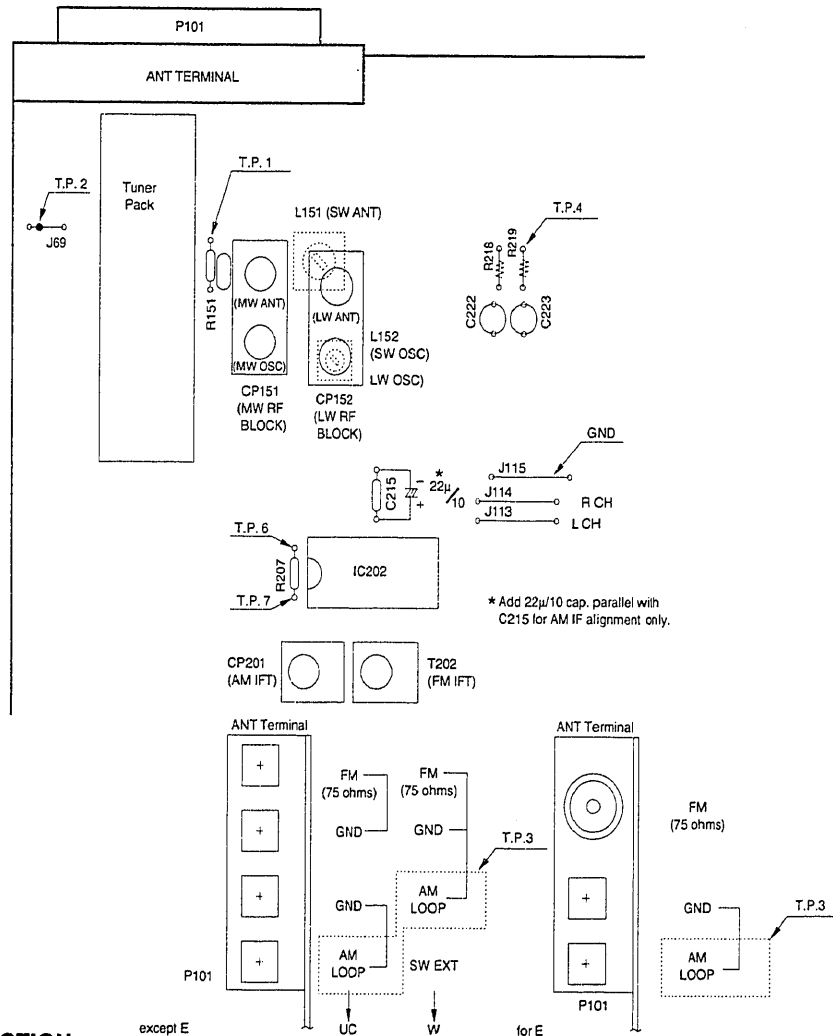


Fig. 25

ADJUSTMENTS

• Adjustment points (Radio section)



1. RADIO SECTION

1- (1) AM Section

Item No.	Adjustment Item	Input	Output	Frequency	Adjusting part	Remarks
1	IF waveform	P101 (TP. 3)	(TP. 4)	(Genescope)	CP201	Note 1
2	MW Covering	Loop antenna		522 kHz	CP151 (MW OSC)	Note 1
3	MW Tracking			603 kHz		
4	LW Covering			600 kHz	CP151 (MW ANT)	Note 2
5	LW Tracking			153 kHz	CP152 (LW OSC)	Note 1
6	SW Covering	SW EXT Antenna		164 kHz	CP152 (LW ANT)	Note 2
7	SW Tracking			3.8 MHz	L152	Note 3
				4.0 MHz	L151	Note 2

1- (2) FM Section

Item	Input	Output	Measuring Instrument	Frequency
FM IF waveform	CF201 [except E, E(BS), E(Z)] CF202 [for E, E(BS), E(Z)]	Tuner out (TP. 4)	Genescope	All band

Measuring Instrument and Connection (except UC)

Input Terminal	Output Terminal	Measuring Instrument	Frequency	Adjust	Reading
FM antenna 1 kHz, 60 dB 22.5 kHz DEV. MONO	TP. 6 TP. 7	DC balance Meter	98 MHz	T202	0 ± 30 mV

Note 1:

Since the IF waveform has been adjusted by the maker, it is not necessary to adjust it. However, if the adjusted point deviates by mistake, readjust it in the following procedure:

- (1) When the signal from the signal generator is weak, make adjustment until the waveform becomes maximum and symmetrical as shown in Fig. 26. Increase the output of the sweep generator, and adjust the waveform until the width of its part C becomes as flat as possible.

Note 2:

Initially, set the input level to 74 dB/m. As the adjustment advances, reduce the input level to the minimum level required (approx. 60 dB), and repeat the adjustment until the maximum output is obtained at the specified frequency.

Note 3:

SW coverage is as follows.
(1) Connect the DC voltmeter to TP. 2.
(2) Adjust L152 so that the values shown in table below are obtained.

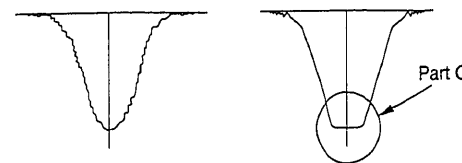


Fig. 26

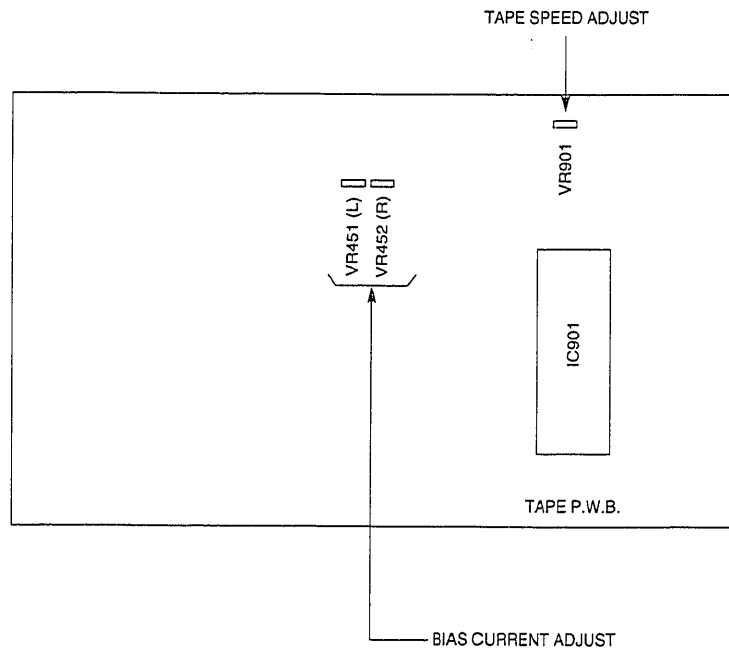
- (2) For the MW/LW covering adjustment, follow the procedure shown below.

- (a) Connect a DC voltmeter to TP. 1(MW) or TP.2(LW).
- (b) Adjust CP151 or CP152 until the value shown in the following table is obtained.

BAND	MW		LW
Lower limit frequency	522 kHz	530 kHz	153 kHz
Reading of voltmeter	1.25V ~ 1.45V	1.25V ~ 1.45V	1.35V ~ 1.55V
Destination	[E, E(BS), E(Z), W]	(UC)	[E, E(BS), E(Z)]

2. TAPE DECK SECTION

• Adjustment points



Symbol No.	Switches and Controls	Position
S962	DOLBY NR	OFF
—	TAPE SW	AUTO
—	REC VOL	ALC

Perform the following adjustments in the sequence stated after cleaning the head, pressure roller, and capstan with a head cleaning stick moistened in alcohol.

1. Tape speed adjustment (TAPE 2 ONLY)

Input	Adjustment value	Adjustment position	Adjustment
Tape speed adjustment tape (MTT-111N/TCC-112)	3000 ± 10 Hz	VR901	TAPE 2 FWD

SPECIFICATION

Connect the frequency counter to the Dolby output TP501.

Perform the adjustment in the FWD mode and check that REW is within 2965-3045 Hz.

Play the adjustment tape with TAPE 2 and check the tape speed at the center of the tape.

Note: The tape speed deviation between TAPE 1 and TAPE 2 must be within 45 Hz. (FWD mode as reference.)

2. REC/PLAY head angle adjustment

Input	Adjustment value	Adjustment position
Angle correction tape (MTT-114NA/TCC-154)	Max. output	Head angle adjustment screw

Adjustment procedure

Connect the electronic voltmeter to the Dolby output TP501 and play the angle correction tape in FWD and REV modes and adjust. In FWD mode, adjust screw (a), and adjust screw (b) in REV mode.

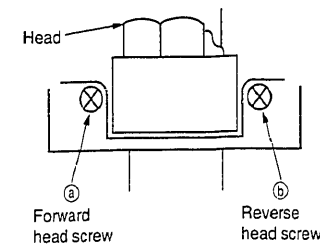
If the maximum values of both channels are different, match with the value of L channel. At this time, check that the difference of the maximum values between both channels is within 2 dB.

If it is not, re-adjust.

Adjust the phase in both FWD and REV modes so that phase is within ± 45° for both channels.

Note: Be sure to stop after turning the screw in tightening direction. (Backlash may occur with the screw.)

Apply screw-lock paint to both (a) and (b) after the adjustment is completed. (Between screw and head base.)



3. Bias current adjustment

Input	Output	Mode	Adjustment position
AUX	Dolby output (TP501)	REC → PLAY	VR451 (Lch) VR452 (Rch)

Adjustment procedure

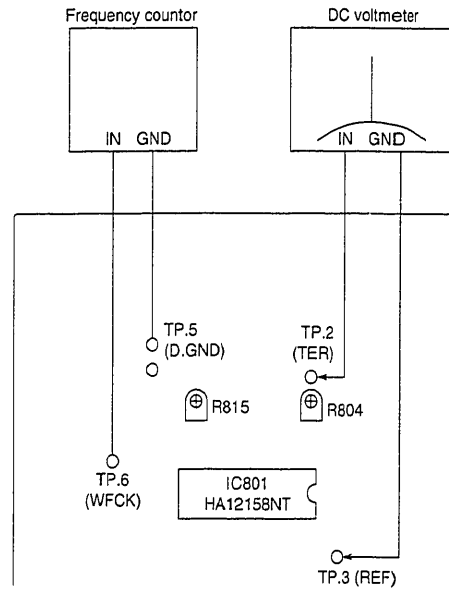
Input 1 kHz and 12.5 kHz, 300 mV -23 dB (at TP501) signal to AUX IN. Adjust VR451 and VR452 so that the record playback level with normal tape (UD-I) of above frequency is within -23 dB and the different between this two frequencies should be +0.5 dB ~ + 1 dB.

3. CD PLAYER SECTION

- Adjustment points

CAUTION

Do not adjust any pre-set Resistors or Controls, which are not detailed in the adjustment instructions for the CD Player as this may result in the exposure to hazardous radiation.



1. Instruments to be used

- (1) DC voltmeter
- (2) Frequency counter

2. Preparation

- (1) Turn the power on, and set the function to "CD".
- (2) Open the CD tray.

Adjustment method

- (1) Adjustment of tracking offset voltage.
Adjust R804 so that the voltage of TP2 (TER) should be within the limit as follows.

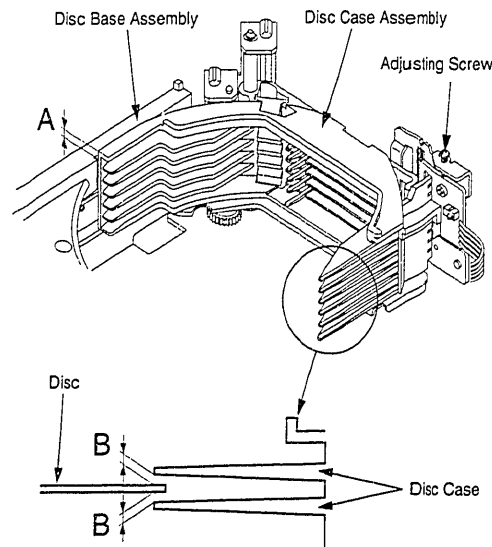
Model	Tracking offset voltage
AX-C22	15 mV ± 10 mV

- (2) Adjustment of PLL frequency.
Adjust R815 so that the frequency of TP6 (WFCK) should be within the limit below.

Model	PLL Frequency
AX-C22	7.3 ± 0.05 kHz

4. CD MECHANISM SECTION

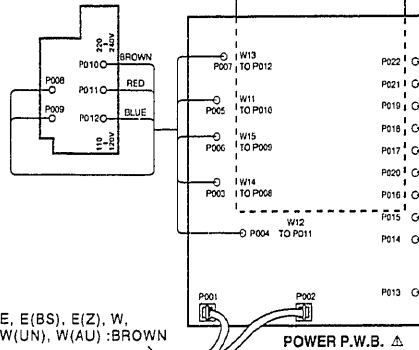
- DISC CASE Assembly Height Adjustment



- (1) When the DISC CASE Assembly is replaced, adjust the height of the DISC CASE Assembly by turning the adjusting screw.
Make the 1st slot move and adjust the height of A to 1.2 mm.
- (2) Make the 2nd slot move and insert a disc into the 2nd slot by hand.
Then check the width that B is 0.5 mm or more by eyes.
- (3) Insert the 6 discs into each slots.
Then check that the DISC CASE Assembly works properly.

WIRING DIAGRAM
HAD-C22

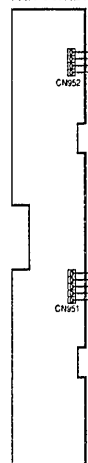
VOLTAGE Δ
SELECTOR P.W.B.
[For W, W(UN), W(AU)]



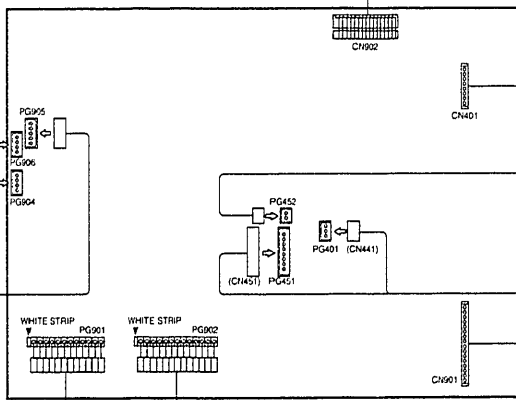
E, E(BS), E(Z), W,
W(UN), W(AU) : BROWN

UC : WHITE STRIPE
E, E(BS), E(Z), W, W(UN), W(AU) : BLUE COLOR

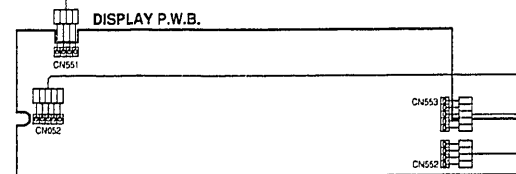
DECK
KEY P.W.B.



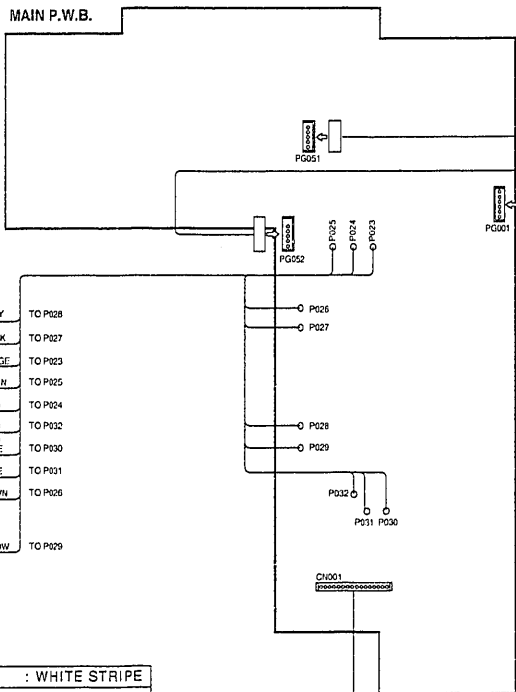
TAPE P.W.B.



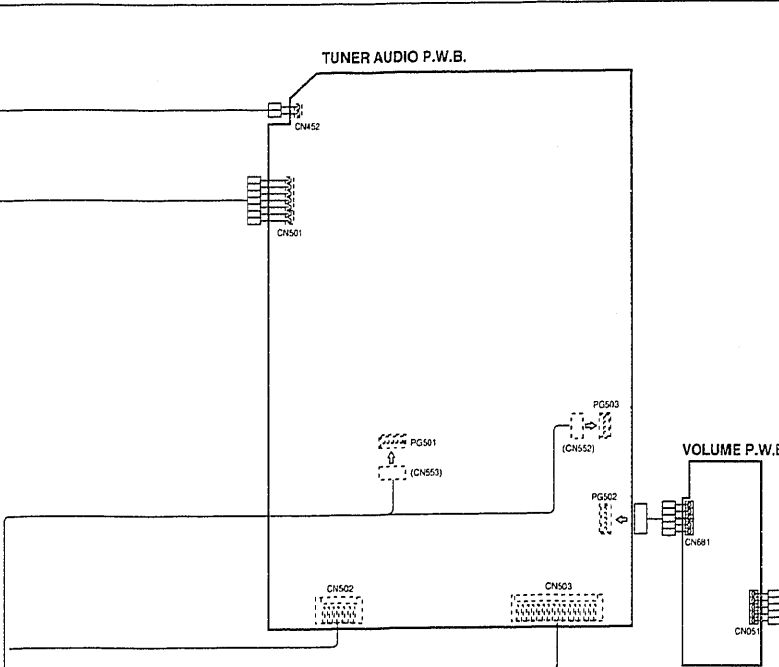
DISPLAY P.W.B.



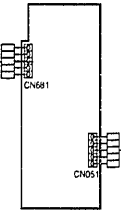
MAIN P.W.B.



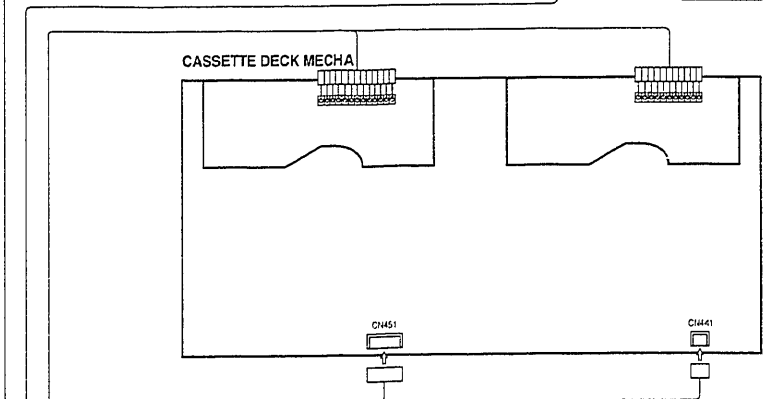
TUNER AUDIO P.W.B.



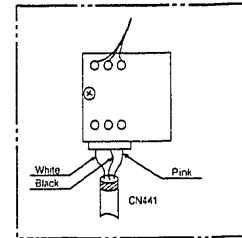
VOLUME P.W.B.



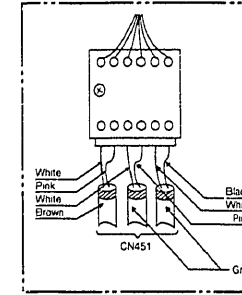
CASSETTE DECK MECHA



TAPE 1 DECK HEAD WIRING

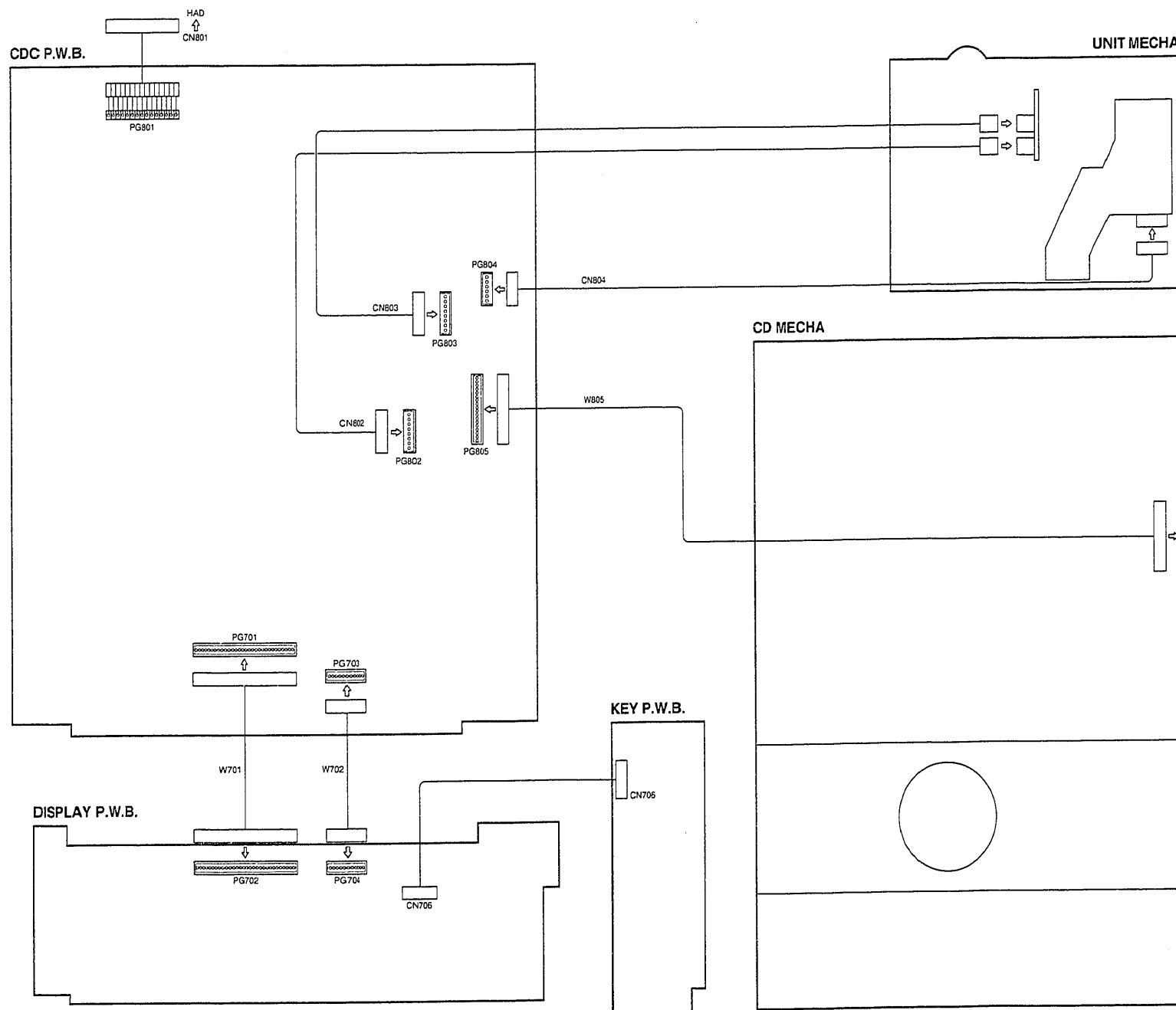


TAPE 2 DECK HEAD WIRING



WIRING DIAGRAM

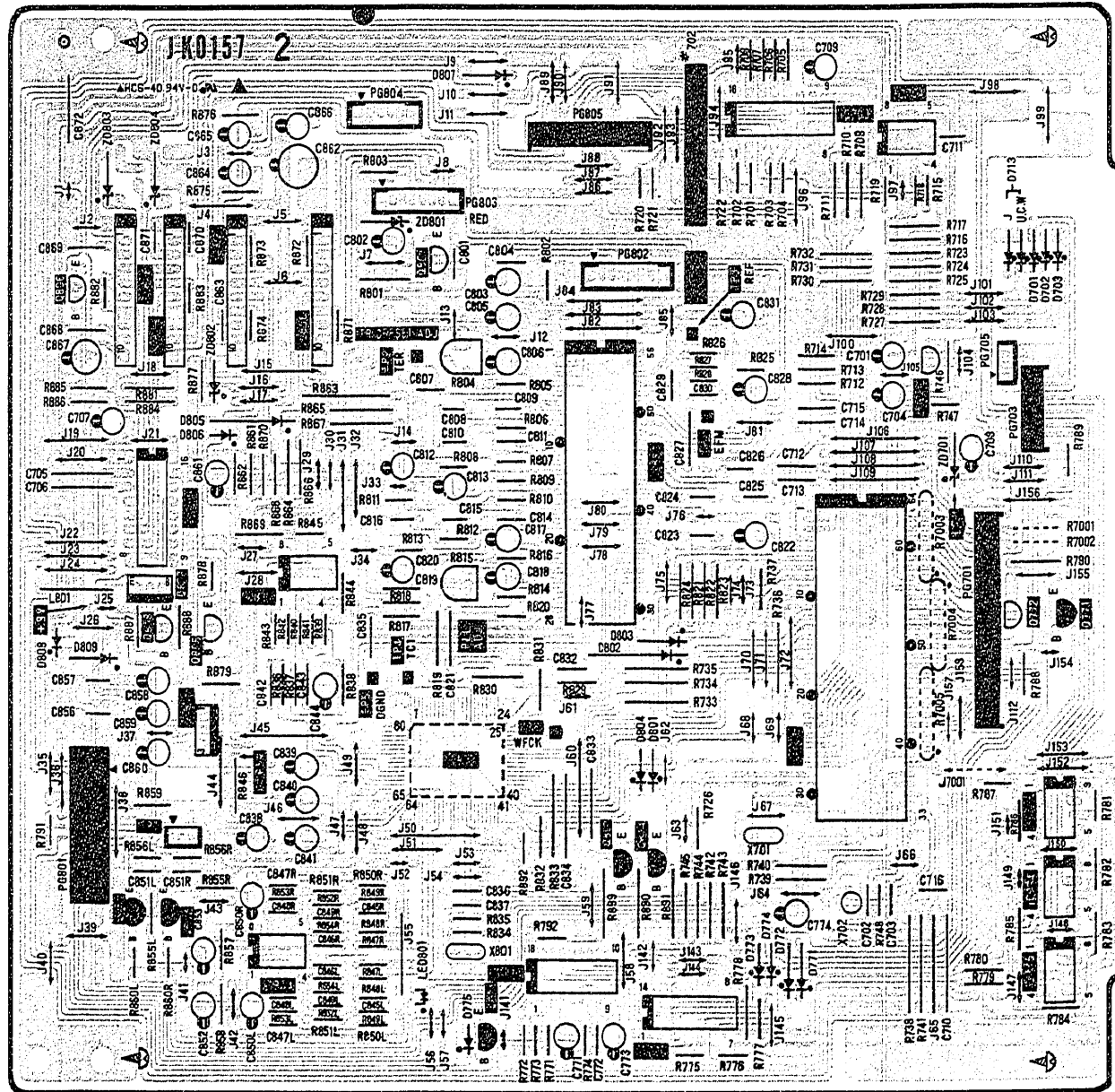
HTC-C22



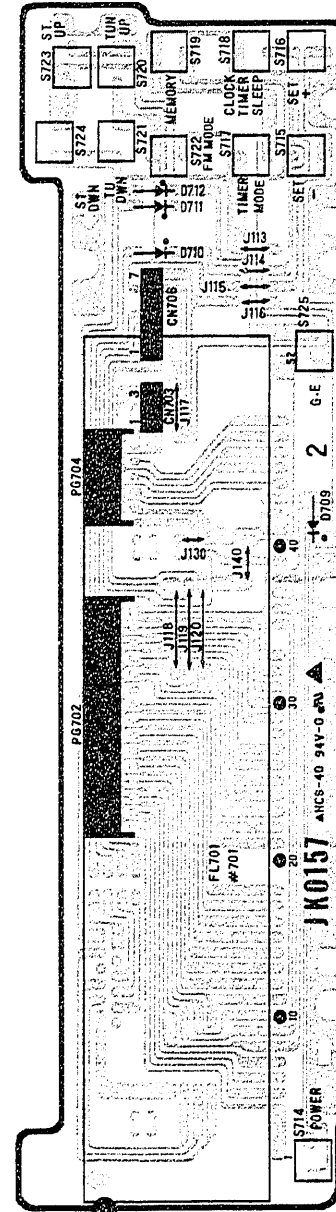
PRINTED WIRING BOARD

HTC-C22

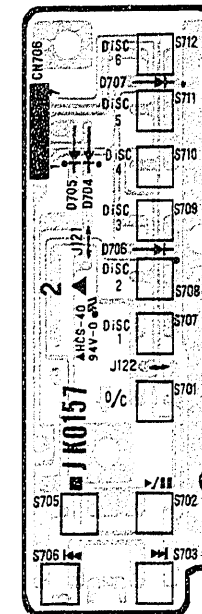
CDC P.W.B.



Display P.W.B.

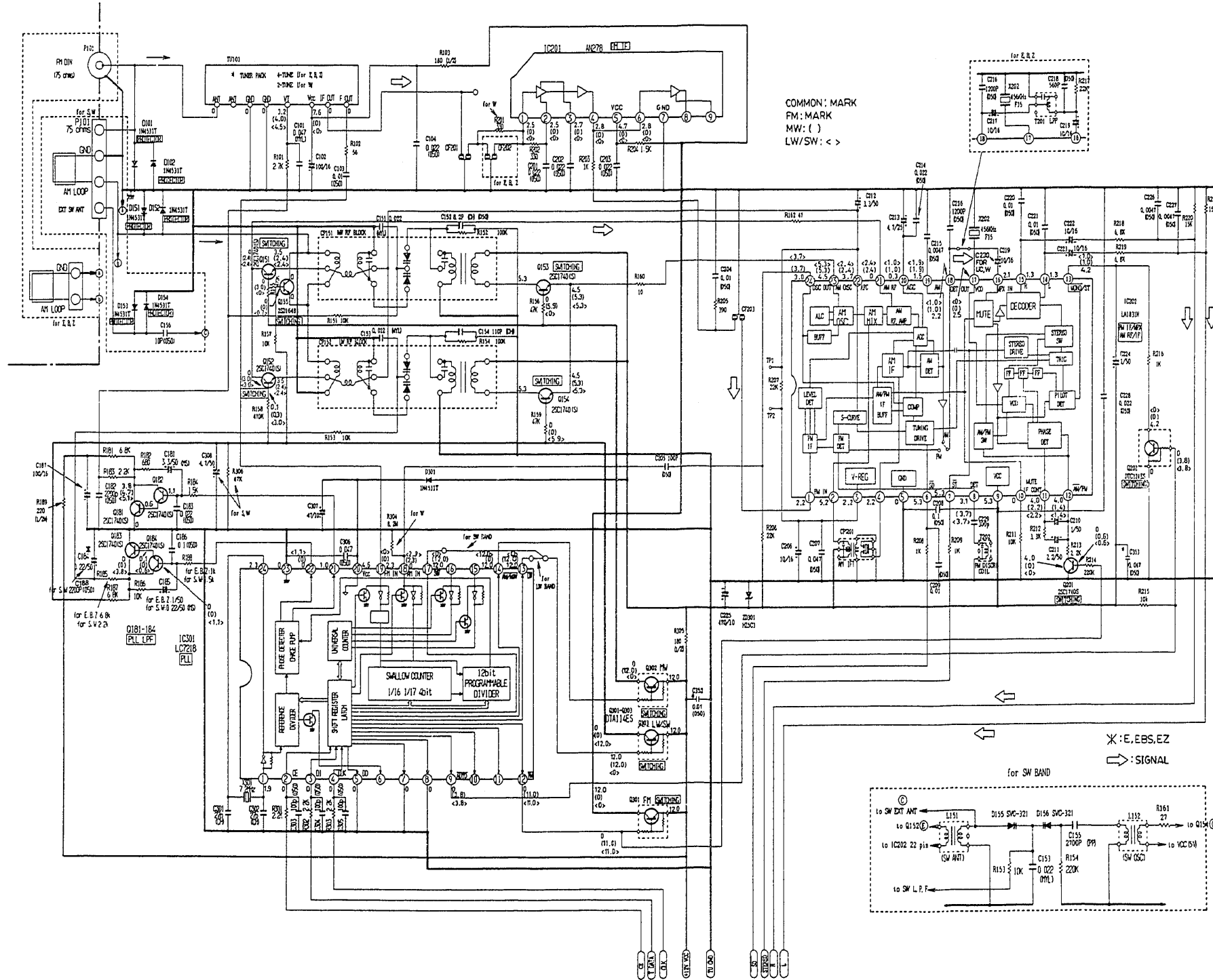


KEY P.W.B.

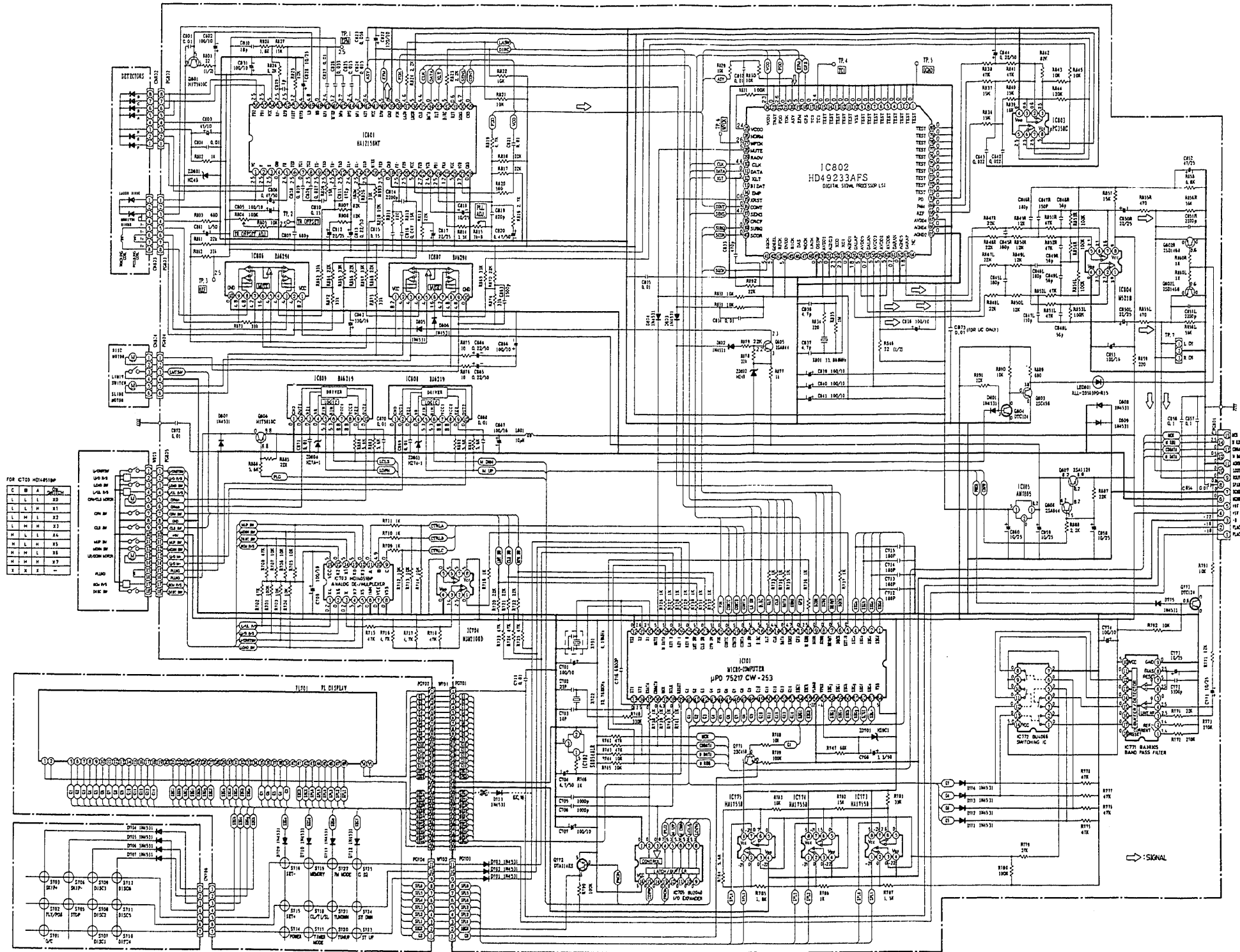


CIRCUIT DIAGRAM

TUNER BLOCK [for E, E(BS), E(Z), W, W(UN), W(AU)]



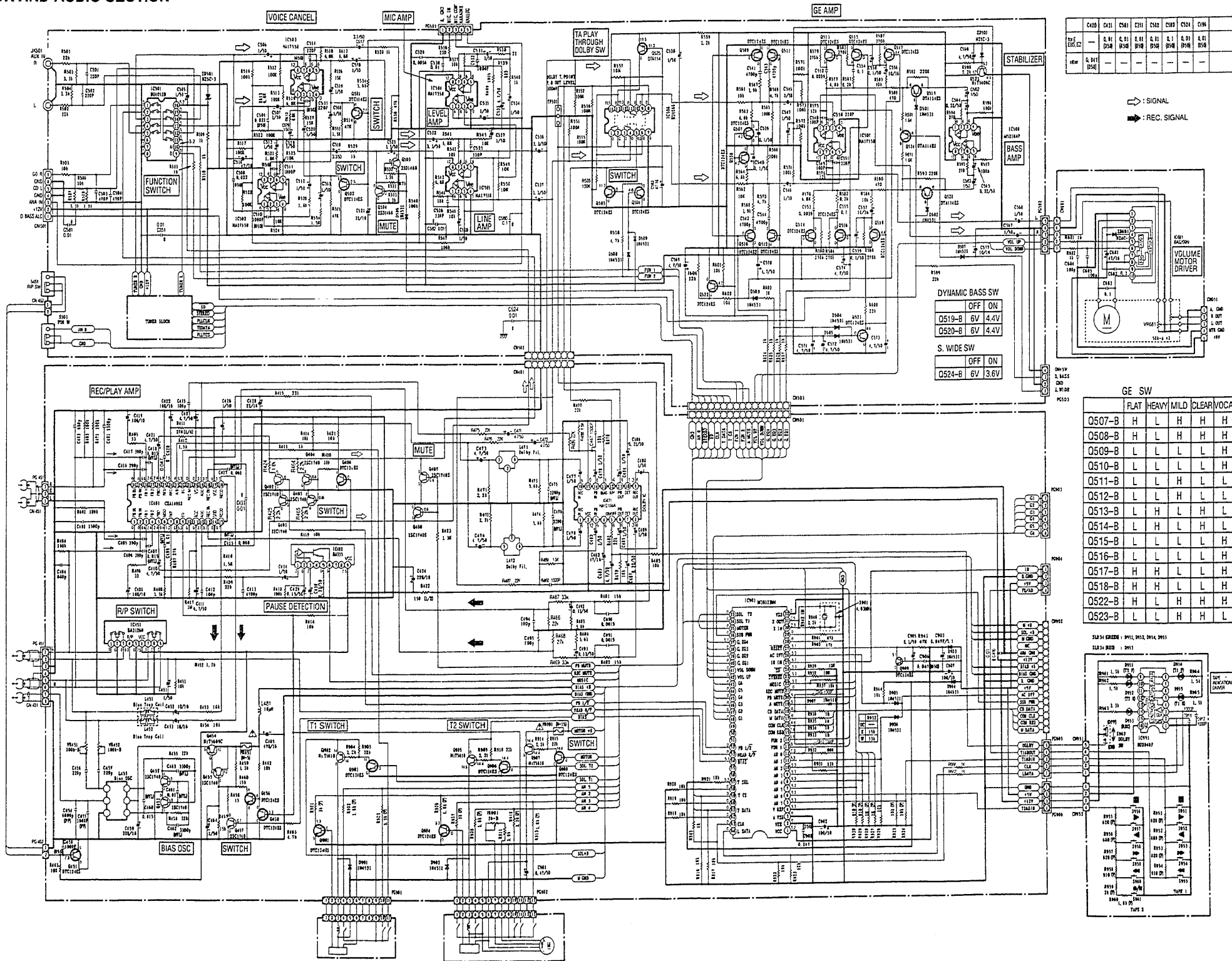
CDC SECTION



FOR CTDS HOLDERS

C	D	A	X1
L	L	L	X2
L	M	H	X3
L	M	H	X4
H	L	L	X5
H	L	L	X6
H	M	L	X7
H	M	L	X8
H	M	L	X9
H	M	L	X0

DECK AND AUDIO SECTION



	C410	C411	C511	C512	C513	C514	C515
TYPE	—	0.1	0.1	0.1	0.1	0.1	0.1
VAL	—	0.01	0.01	0.01	0.01	0.01	0.01
NEW	0.01	—	—	—	—	—	—

→ : SIGNAL
 - - - : REC. SIGNAL

DYNAMIC BASS SW

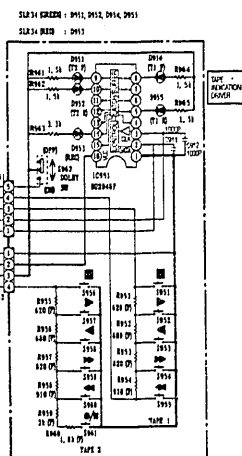
OFF	ON
Q519-B	6V 4.4V
Q520-B	6V 4.4V

S. WIDE SW

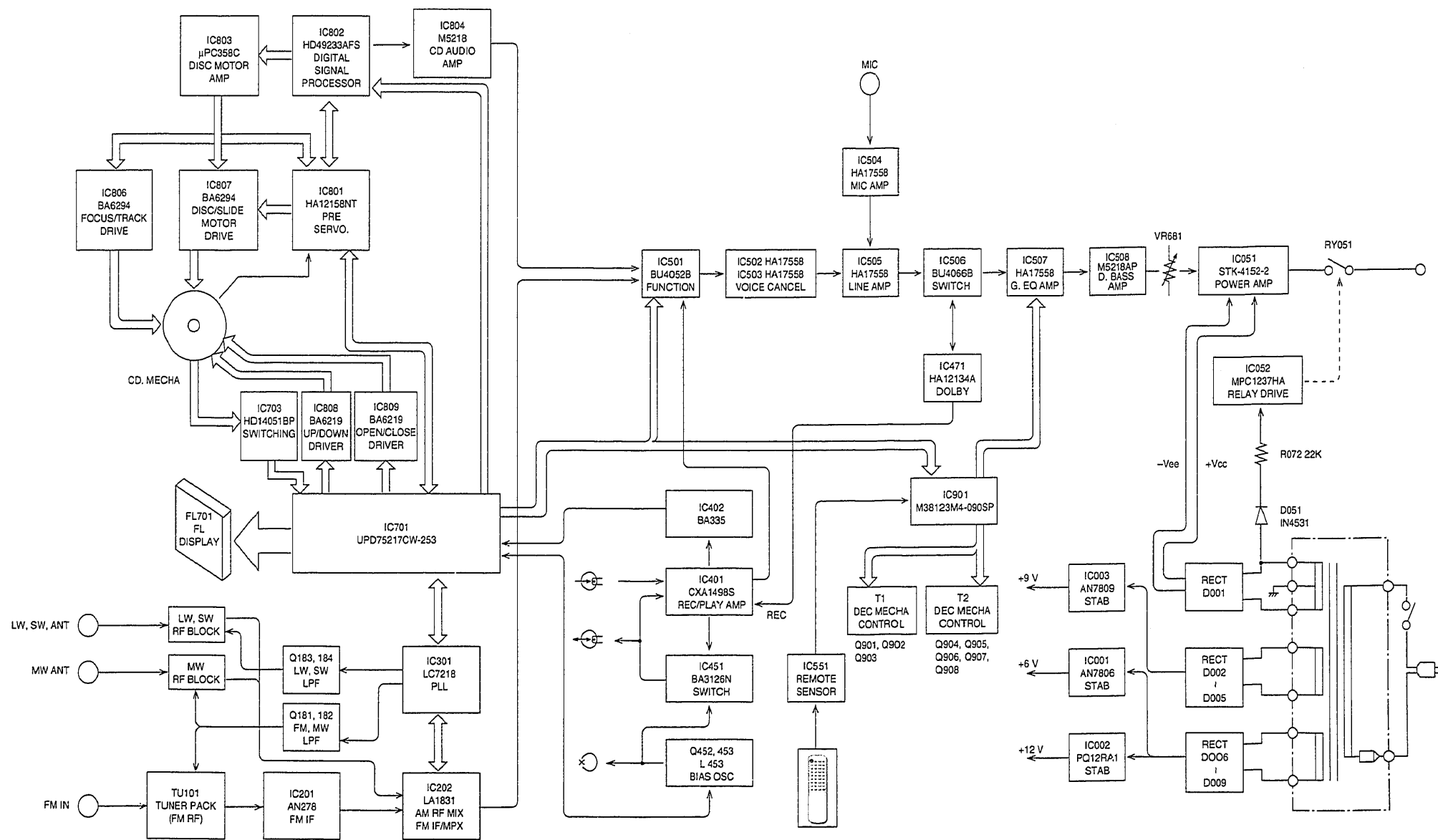
OFF	ON
Q524-B	6V 3.6V

GE SW

	FLAT	HEAVY	MILD	CLEAR	VOCAL
Q507-B	H	L	H	H	H
Q508-B	H	L	H	H	H
Q509-B	L	L	L	L	H
Q510-B	L	L	L	L	L
Q511-B	L	L	L	H	L
Q512-B	L	L	H	L	L
Q513-B	L	H	L	H	L
Q514-B	L	H	L	H	L
Q515-B	L	L	L	L	L
Q516-B	L	L	L	L	H
Q517-B	H	H	L	L	H
Q518-B	H	H	L	L	H
Q522-B	H	L	H	H	H
Q523-B	L	L	H	H	L

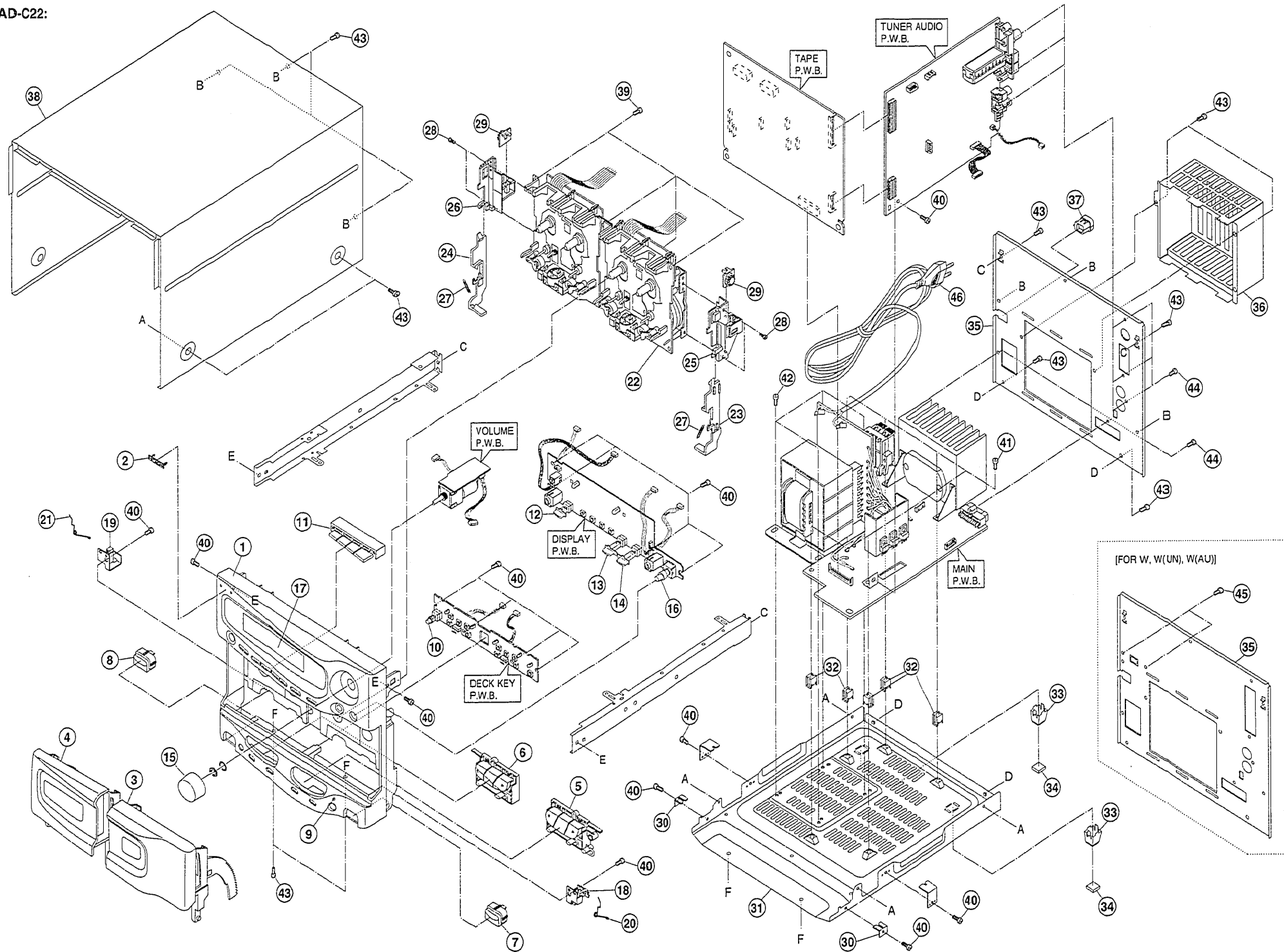


BLOCK DIAGRAM



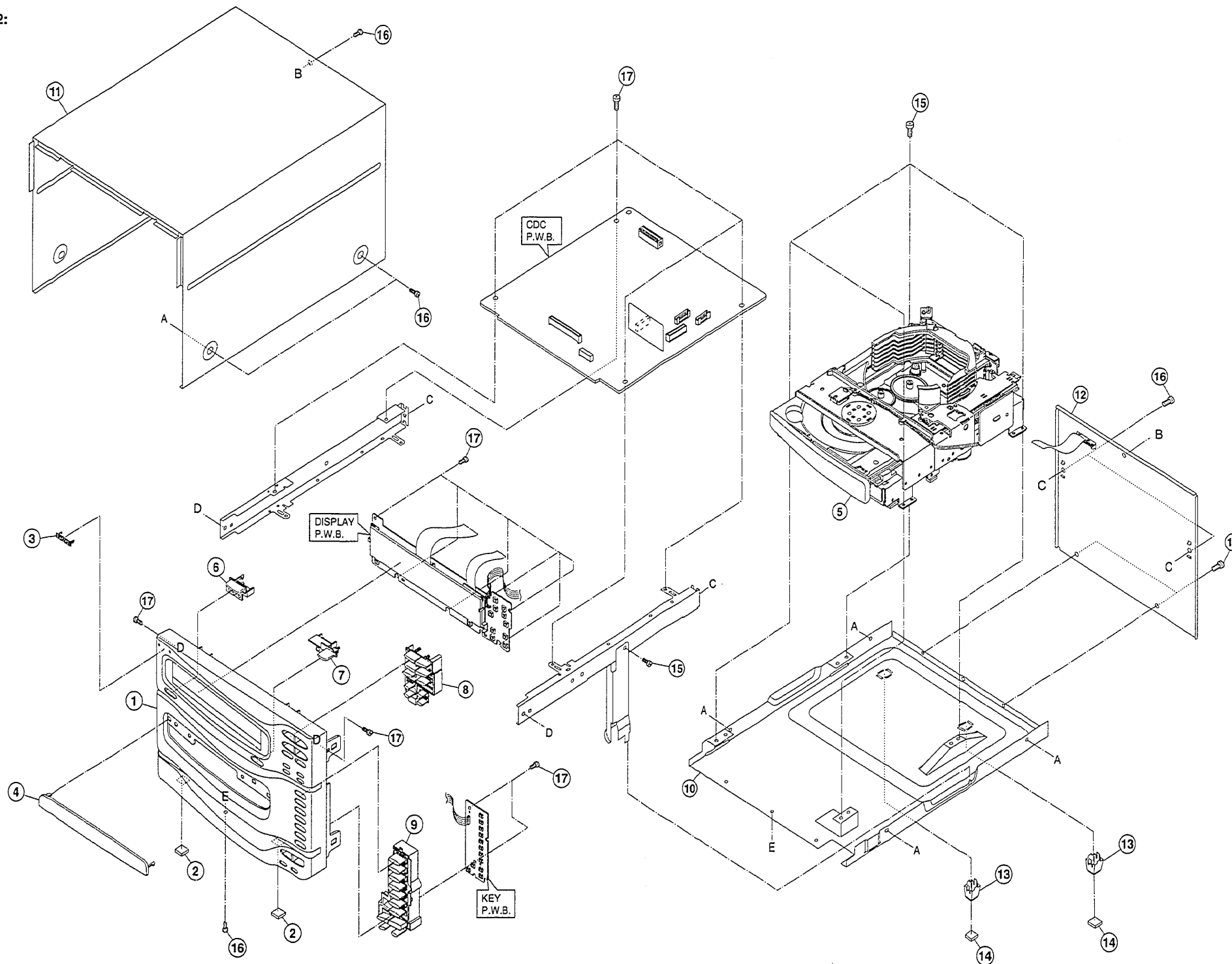
EXPLODED VIEW

HAD-C22:



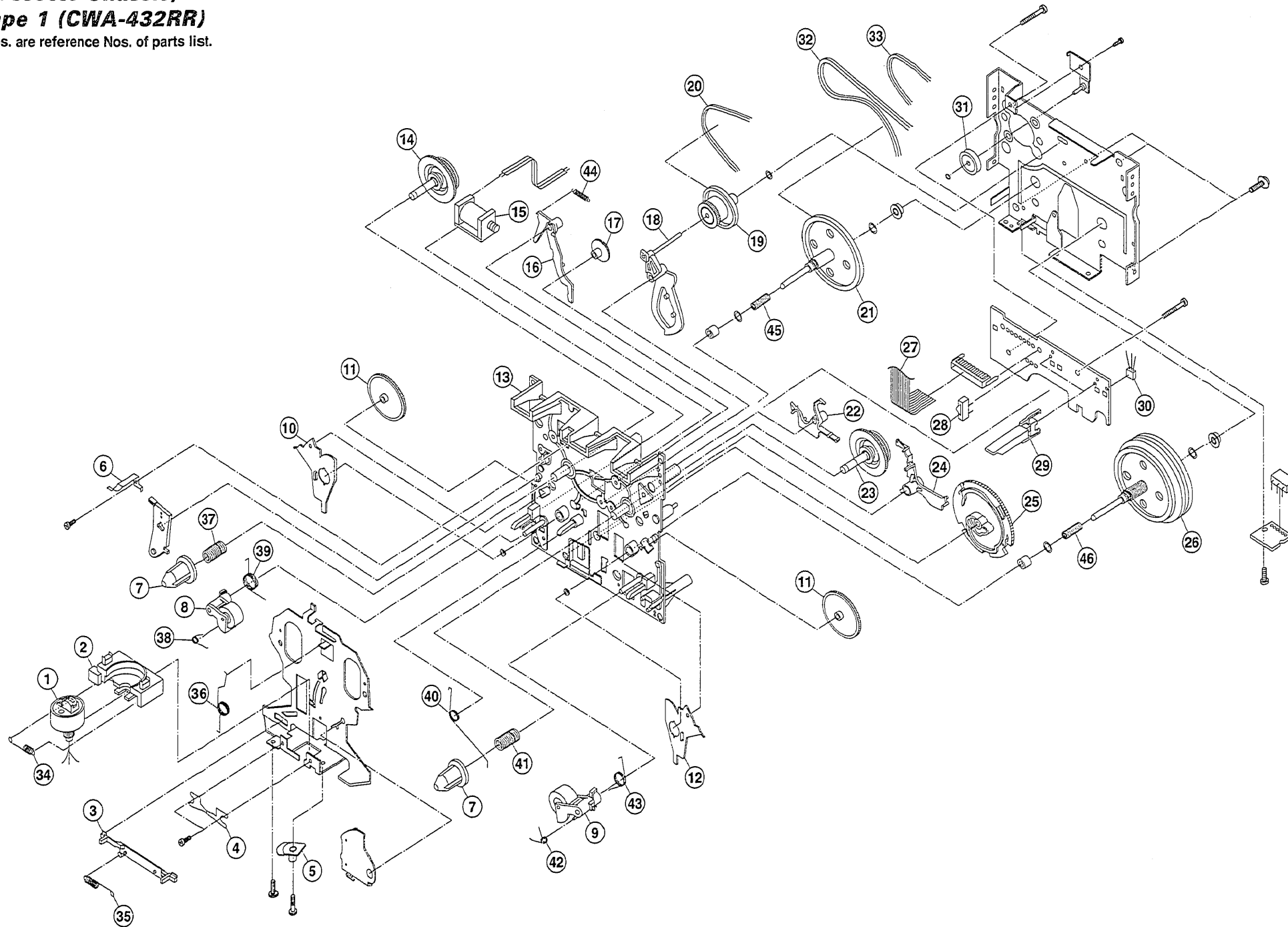
EXPLODED VIEW

HTC-C22:



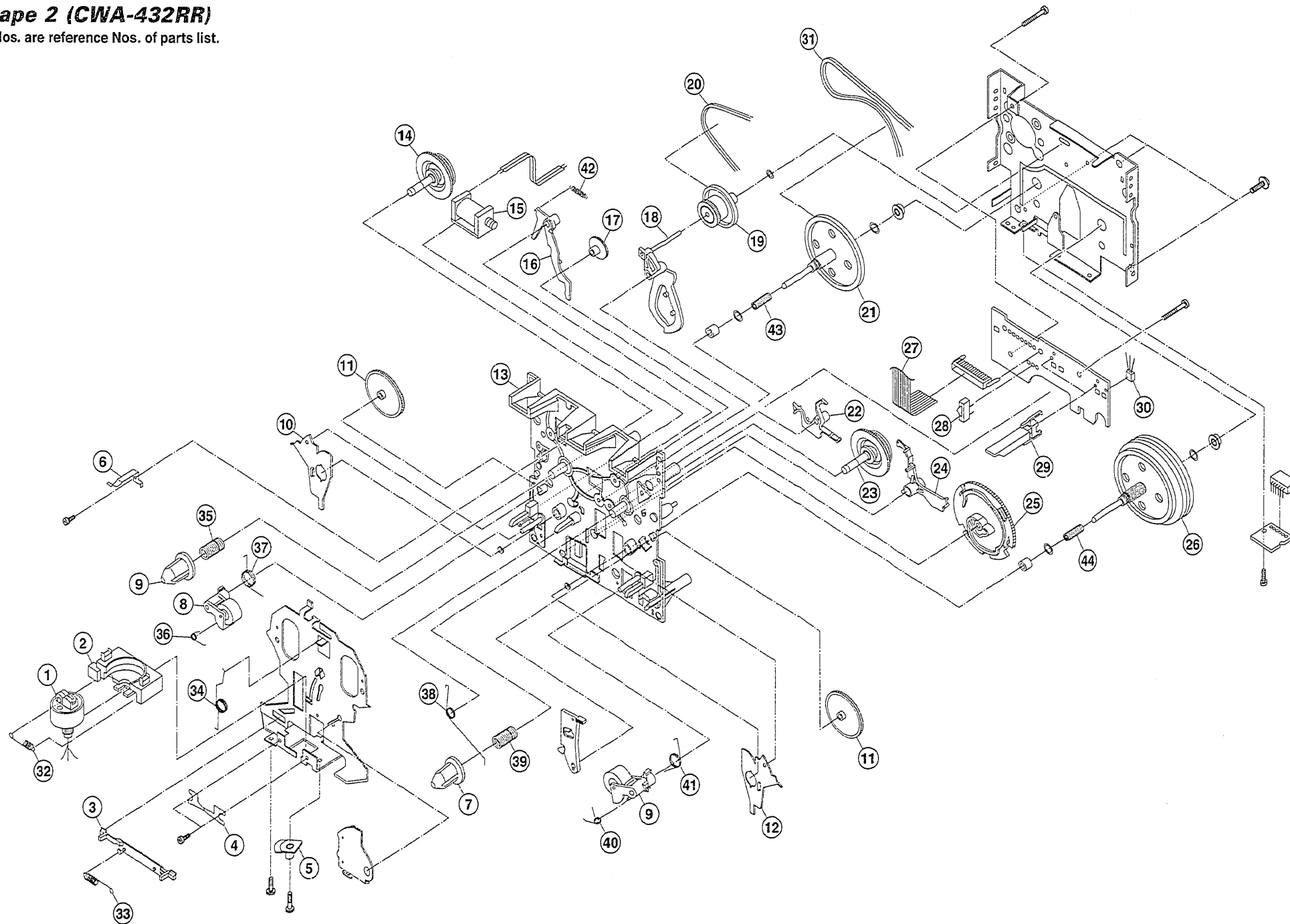
(Cassette Chassis)
Tape 1 (CWA-432RR)

• Nos. are reference Nos. of parts list.



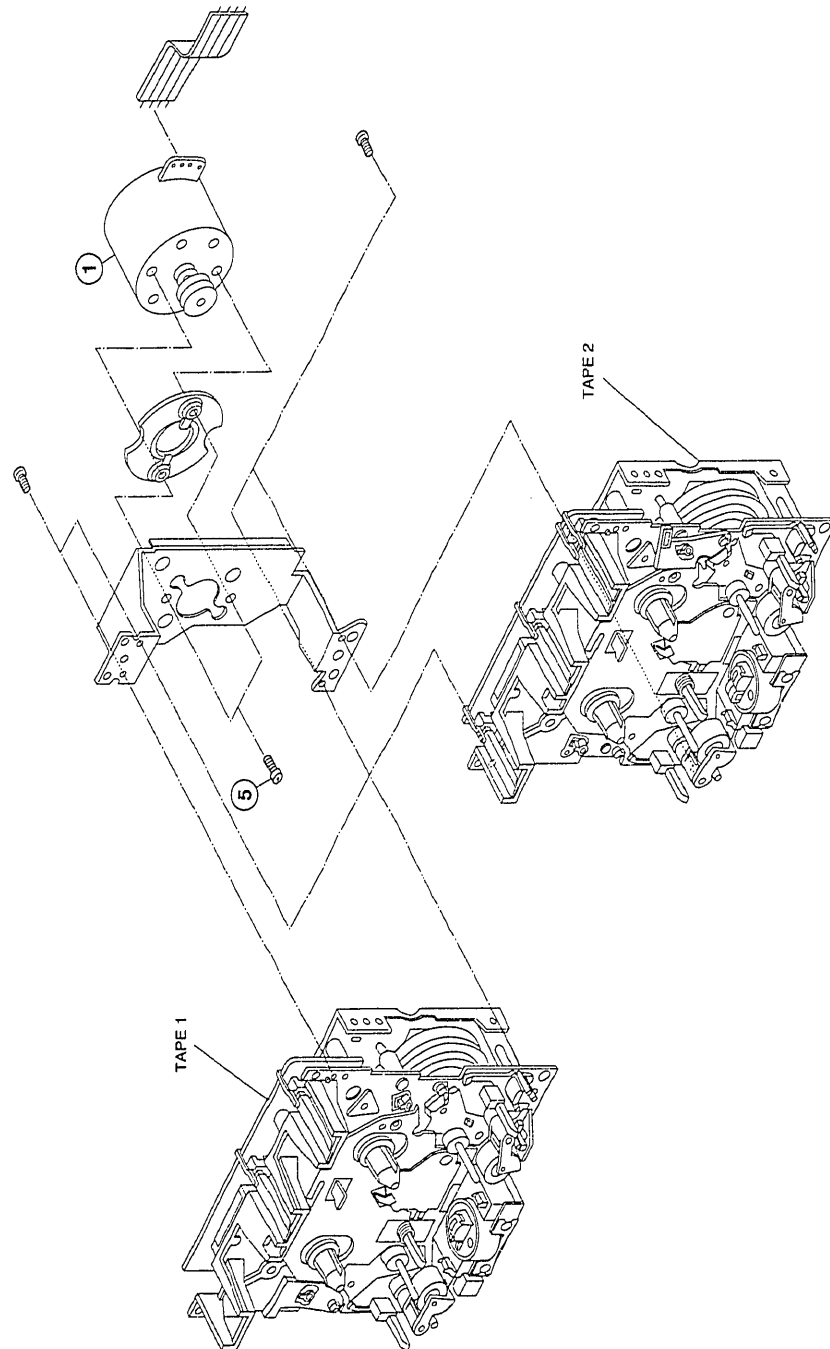
(Cassette Chassis)
Tape 2 (CWA-432RR)

• Nos. are reference Nos. of parts list.



(Deck Mechanism)
Tape 1 & 2 (CWA-432RR)

• Nos. are reference Nos. of parts list.



REPLACEMENT PARTS LIST • TABLEAU DES PIECES

PRODUCT SAFETY NOTE: Components marked with a Δ have special characteristics important to safety. Before replacing any of these components, read carefully, the Service Manual.

ABBREVIATIONS	Capacitors	CC: Cylindrical ceramic, CD: Ceramic disk, PF: Polyester film, EL: Electrolytic, PP: Polypropylene.
	Resistors	CF: Carbon film, CC: Carbon composition, MF: Metal oxide film, RV: Variable resistor, FR: Fuse Resistor
	Semiconductor	TR: Transistor, DI: Diode, ZD: Zener diode, VA: Varistor, TH: Thermistor, IC: IC.

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
CAPACITORS:					
C001	0244173	CC 0.022 μ F \pm 20% 50V	C073	0880057	PF 0.1 μ F \pm 10% 50V
C002	0244173	CC 0.022 μ F \pm 20% 50V	C074	0880057	PF 0.1 μ F \pm 10% 50V
C003	0244173	CC 0.022 μ F \pm 20% 50V	C075	0244171	CC 0.01 μ F \pm 20% 50V
C004	0244173	CC 0.022 μ F \pm 20% 50V			[E, E(BS), E(Z)]
C005	0253935	EL 3,300 μ F \pm 20% 35V	C076	0244171	CC 0.01 μ F \pm 20% 50V
C006	0253935	EL 3,300 μ F \pm 20% 35V			[E, F(BS), E(Z)]
C007	0244171	CC 0.01 μ F \pm 20% 50V	C077	0890043	CD 0.01 μ F \pm 20% 16V
C008	0244171	CC 0.01 μ F \pm 20% 50V			[E, E(BS), E(Z)]
C009	0244171	CC 0.01 μ F \pm 20% 50V	C078	0890043	CD 0.01 μ F \pm 20% 16V
C010	0244171	CC 0.01 μ F \pm 20% 50V			[E, E(BS), E(Z)]
C011	0252969	EL 2,200 μ F \pm 20% 25V	C081	0800103	EL 0.22 μ F \pm 20% 50V
C012	0252969	EL 2,200 μ F \pm 20% 25V	C082	0800023	EL 22 μ F \pm 20% 16V
C013	0800016	EL 10 μ F \pm 20% 25V	C083	0880016	PF 0.1 μ F \pm 10% 50V
C014	0800016	EL 10 μ F \pm 20% 25V	C101	0880014	PF 0.047 μ F \pm 10% 50V
C015	0800049	EL 100 μ F \pm 20% 16V	C102	0800049	EL 100 μ F \pm 20% 16V
C016	0800016	EL 10 μ F \pm 20% 25V	C103	0890043	CD 0.01 μ F \pm 20% 16V
C018	0800062	EL 220 μ F \pm 20% 50V	C104	0890044	CD 0.022 μ F \pm 20% 25V
C019	0890044	EL 47 μ F \pm 20% 50V	C105	0890013	CD 22PF \pm 5% 50V [UC]
C020	0800018	EL 10 μ F \pm 20% 50V	C151	0880012	PF 0.022 μ F \pm 10% 50V
C021	0252969	EL 2,200 μ F \pm 20% 25V	C152	0230651	CD 8.2PF \pm 10% 50V
C022	0252969	EL 2,200 μ F \pm 20% 25V	C153	0880012	PF 0.022 μ F \pm 10% 50V
C024	0890083	CD 470PF \pm 10% 50V			[E, E(BS), E(Z), W, W(UN), W(AU)]
		[E, E(BS), E(Z)]	C154	0246465	CC 110PF \pm 5% 50V
C025	0890043	CD 0.01 μ F \pm 20% 16V			[E, E(BS), E(Z)]
C051	0890031	CD 470PF \pm 10% 50V	C155	H279345	PF 2700PF \pm 5% 10V
C052	0800031	CD 470PF \pm 10% 50V			[W, W(UN), W(AU)]
C053	0800005	EL 2.2 μ F \pm 20% 50V	C156	0890008	CC 10PF \pm 5% 50V
C054	0800005	EL 2.2 μ F \pm 20% 50V			[W, W(UN), W(AU)]
C055	0890026	CD 220PF \pm 10% 50V	C181	0252879	EL 3.3 μ F \pm 20% 50V
C056	0890026	CD 220PF \pm 10% 50V	C182	0890037	CD 2,200PF \pm 20% 16V
C057	0800023	EL 22 μ F \pm 20% 16V	C183	0890044	CD 0.022 μ F \pm 20% 16V
C058	0800023	EL 22 μ F \pm 20% 16V	C184	0800103	EL 0.22 μ F \pm 20% 50V
C059	0800044	EL 47 μ F \pm 20% 50V			[E, E(BS), E(Z)]
C060	0800044	EL 47 μ F \pm 20% 50V	C185	0800003	EL 1 μ F \pm 20% 50V
C061	0800018	EL 10 μ F \pm 20% 50V			[E, E(BS), E(Z)]
C062	0800044	EL 47 μ F \pm 20% 50V	C185	02528732	EL 0.22 μ F \pm 20% 50V
C063	0800056	EL 220 μ F \pm 20% 6.3V			[W, W(UN), W(AU)]
C064	0800049	EL 100 μ F \pm 20% 16V	C186	0240068	CD 0.1 μ F \pm 20% 50V
C065	0800049	EL 100 μ F \pm 20% 16V			[E, E(BS), E(Z), W, W(UN), W(AU)]
C066	0800003	EL 1 μ F \pm 20% 50V	C187	0800049	EL 100 μ F \pm 20% 16V
C067	0800049	EL 100 μ F \pm 20% 16V	C188	0890037	CD 2,200PF \pm 20% 16V
C068	0880012	PF 0.022 μ F \pm 10% 50V			[W, W(UN), W(AU)]
C069	0800026	EL 22 μ F \pm 20% 50V	C201	0890044	CD 0.022 μ F \pm 20% 16V
C070	0800032	EL 33 μ F \pm 20% 16V	C202	0890044	CD 0.022 μ F \pm 20% 16V
C071	0880057	PF 0.1 μ F \pm 10% 50V	C203	0890044	CD 0.022 μ F \pm 20% 16V
C072	0880057	PF 0.1 μ F \pm 10% 50V	C204	0890043	CD 0.01 μ F \pm 20% 16V
			C205	0890022	CD 100PF \pm 10% 50V

PRODUCT SAFETY NOTE: Components marked with a Δ have special characteristics important to safety. Before replacing any of these components, read carefully, the Service Manual.

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C206	0800015	EL 10 μ F \pm 20% 16V	C402	0890036	CD 1500PF \pm 20% 16V
C207	0240067	CD 0.047 μ F \pm 20% 50V	C403	0890033	CD 680PF \pm 20% 16V
C208	0240068	CD 0.1 μ F \pm 20% 50V	C404	0890033	CD 680PF \pm 20% 16V
C209	0890043	CD 0.01 μ F \pm 20% 16V	C405	0890029	CD 390PF \pm 20% 50V
C210	0800003	EL 1 μ F \pm 20% 50V	C406	0890029	CD 390PF \pm 20% 50V
C211	0800005	EL 2.2 μ F \pm 20% 50V	C407	0880011	PF 0.015 μ F \pm 10% 50V
C212	0800007	EL 3.3 μ F \pm 20% 50V	C408	0800048	EL 100 μ F \pm 20% 10V
C213	0800009	EL 4.7 μ F \pm 20% 25V	C409	0880009	PF 0.01 μ F \pm 10% 50V
C214	0890044	CD 0.022 μ F \pm 20% 25V	C410	0800012	EL 4.7 μ F \pm 20% 50V
C215	0890039	CD 4700PF \pm 20% 16V	C411	0800012	EL 4.7 μ F \pm 20% 50V
C216	0240050	CD 1200PF \pm 20% 16V	C412	0890022	CD 100PF \pm 10% 50V
C217	0800015	EL 10 μ F \pm 10% 16V	C413	0890039	CD 4700PF \pm 10% 16V
		[E, E(BS), E(Z)]	C414	0800003	EL 1 μ F \pm 20% 50V
C218	0890032	CD 560PF \pm 20% 50V	C415	0880015	PF 0.068 μ F \pm 10% 50V
		[E, E(BS), E(Z)]	C416	0890029	CD 390PF \pm 20% 50V
C219	0800015	EL 10 μ F \pm 20% 16V	C417	0890029	CD 390PF \pm 20% 50V
		[E, E(BS), E(Z)]	C418	0880011	PF 0.015 μ F \pm 10% 50V
C220	0890043	CD 0.01 μ F \pm 20% 16V	C419	0800048	EL 100 μ F \pm 20% 10V
		[E, E(BS), E(Z), W, W(UN), W(AU)]	C420	0240067	CD 0.047 μ F \pm 20% 16V
C220	0890044	CD 0.022 μ F \pm 20% 25V [UC]			[UC, W, W(UN), W(AU)]
C221	0890043	CD 0.01 μ F \pm 20% 16V	C421	0800012	EL 4.7 μ F \pm 20% 50V
		[E, E(BS), E(Z), W, W(UN), W(AU)]	C422	0800048	EL 100 μ F \pm 20% 10V
C221	0890044	CD 0.022 μ F \pm 20% 25V [UC]	C423	0800012	EL 4.7 μ F \pm 20% 50V
C222	0800015	EL 10 μ F \pm 20% 16V	C424	0800057	EL 220 μ F \pm 20% 10V
C223	0800015	EL 10 μ F \pm 20% 16V	C425	0890022	CD 100PF \pm 20% 50V
C224	0800003	EL 1 μ F \pm 20% 50V	C426	0800003	EL 1 μ F \pm 20% 50V
C225	0800073	EL 470 μ F \pm 20% 10V	C427	0880015	PF 0.068 μ F \pm 10% 50V
C226	0890039	CD 4700PF \pm 20% 16V	C428	0800023	EL 22 μ F \pm 20% 16V
		[E, E(BS), E(Z), W, W(UN), W(AU)]	C429	0253941	EL 0.15 μ F \pm 20% 50V
C226	0240052	CC 1800PF \pm 20% 16V [UC]	C430	0800105	EL 0.33 μ F \pm 20% 50V
C227	0890039	CD 4700PF \pm 20% 16V	C431	0890043	CD 0.01 μ F \pm 20% 16V
		[E, E(BS), E(Z), W, W(UN), W(AU)]			[E, E(BS), E(Z)]
C227	0240052	CC 1800PF \pm 20% 16V [UC]	C451	0800003	EL 1 μ F \pm 20% 50V
C228	0890044	CD 0.022 μ F \pm 20% 25V	C452	0800015	EL 10 μ F \pm 20% 16V
C229	0248695	CC 300PF \pm 5% 50V	C453	0800015	EL 10 μ F \pm 20% 16V
C230	0800015	EL 10 μ F \pm 20% 16V	C454	0279332	PF 6800PF \pm 5% 10V
		[UC, W, W(UN), W(AU)]	C455	0279336	PF 1000PF \pm 5% 10V
C301	0246450	CC 27PF \pm 5% 50V	C456	0890026	CD 220PF \pm 20% 50V
C302	0246450	CC 27PF \pm 5% 50V	C457	0890026	CD 220PF \pm 20% 50V
C303	0890022	CD 100PF \pm 10% 50V	C458	0890035	CD 1000PF \pm 20% 50V
C304	0890022	CD 100PF \pm 10% 50V	C459	0800058	EL 220 μ F \pm 20% 16V
C305	0890022	CD 100PF \pm 10% 50V	C460	0880046	PF 0.015 μ F \pm 10% 50V
C306	0240067	CD 0.047 μ F \pm 20% 50V	C461	0880044	PF 0.01 μ F \pm 10% 50V
C307	0800039	EL 47 μ F \pm 20% 10V	C462	0880006	PF 3300PF \pm 10% 50V
C308	0800012	EL 4.7 μ F \pm 20% 50V	C463	0880006	PF 3300PF \pm 10% 50V
		[W, W(UN), W(AU)]	C464	0800003	EL 1 μ F \pm 20% 50V
C351	0890043	CD 0.01 μ F \pm 20% 16V	C465	0800074	EL 470 μ F \pm 20% 16V
		[E, E(BS), E(Z)]	C467	0890035	CD 1000P \pm 20% 50V
C352	0890043	CD 0.01 μ F \pm 20% 16V	C468	0890035	CD 1000P \pm 20% 50V
		[E, E(BS), E(Z)]	C471	0800012	EL 4.7 μ F \pm 20% 50V
C353	0240067	CD 0.047 μ F \pm 20% 50V	C472	0800012	EL 4.7 μ F \pm 20% 50V
		[E, E(BS), E(Z)]	C473	0800012	EL 4.7 μ F \pm 20% 50V
C401	0890036	CD 1500PF \pm 20% 16V	C474	0800012	EL 4.7 μ F \pm 20% 50V

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Remark : * Mark: components in Display P.W.B. (HAD)

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C475	0880005	PF 2200PF \pm 20% 50V	C531	0800003	EL 1 μ F \pm 20% 50V
C476	0880005	PF 2200PF \pm 20% 50V	C532	0890035	CD 1000PF \pm 20% 50V
C477	0800003	EL 1 μ F \pm 20% 50V	C533	0800012	EL 4.7 μ F \pm 20% 50V
C478	0800003	EL 1 μ F \pm 20% 50V	C534	0800003	EL 1 μ F \pm 20% 50V
C479	0800003	EL 1 μ F \pm 20% 50V	C535	0800003	EL 1 μ F \pm 20% 50V
C480	0800003	EL 1 μ F \pm 20% 50V	C536	0800007	EL 3.3 μ F \pm 20% 50V
C482	0800041	EL 47 μ F \pm 20% 16V	C537	0800007	EL 3.3 μ F \pm 20% 50V
C483	0800012	EL 4.7 μ F \pm 20% 50V	C538	0800003	EL 1 μ F \pm 20% 50V
C484	0800003	EL 1 μ F \pm 20% 50V	C539	0800101	EL 0.1 μ F \pm 20% 50V
C485	0800003	EL 1 μ F \pm 20% 50V	C540	0800101	EL 0.1 μ F \pm 20% 50V
C486	0800103	EL 0.22 μ F \pm 20% 50V	C541	0890039	CD 4700PF \pm 20% 16V
C487	0800103	EL 0.22 μ F \pm 20% 50V	C542	0890039	CD 4700PF \pm 20% 16V
C488	0800003	EL 1 μ F \pm 20% 50V	C543	0890039	CD 4700PF \pm 20% 16V
C489	0800003	EL 1 μ F \pm 20% 50V	C544	0890039	CD 4700PF \pm 20% 16V
C490	0890036	CD 1500PF \pm 20% 16V	C545	0800003	EL 1 μ F \pm 20% 50V
C491	0890036	CD 1500PF \pm 20% 16V	C546	0800003	EL 1 μ F \pm 20% 50V
C492	0800105	EL 0.33 μ F \pm 20% 50V	C547	0800003	EL 1 μ F \pm 20% 50V
C493	0800105	EL 0.33 μ F \pm 20% 50V	C548	0890022	CD 100PF \pm 20% 50V
C494	0890022	CD 100PF \pm 20% 50V	C549	0890022	CD 100PF \pm 20% 50V
C495	0890022	CD 100PF \pm 20% 50V	C550	0890026	CD 220PF \pm 20% 50V
C496	0890043	CD 0.01 μ F \pm 20% 16V	C551	0890026	CD 220PF \pm 20% 16V
		[E, E(BS), E(Z)]	* C551	0890043	CD 0.01 μ F \pm 20% 50V
C501	0890026	CD 220PF \pm 20% 50V	C552	0240056	CD 3900PF \pm 20% 16V
C502	0890026	CD 220PF \pm 20% 50V	* C552	0890043	CD 0.01 μ F \pm 20% 50V
C503	0890031	CD 470PF \pm 20% 50V	C553	0240056	CD 3900PF \pm 20% 16V
C504	0890031	CD 470PF \pm 20% 50V	* C553	0890043	CD 0.01 μ F \pm 20% 50V
C505	0800003	EL 1 μ F \pm 20% 50V	C554	0240068	CD 0.1 μ F \pm 20% 50V
C506	0800003	EL 1 μ F \pm 20% 50V	C555	0240068	CD 0.1 μ F \pm 20% 50V
C507	0800003	EL 1 μ F \pm 20% 50V	C556	0800015	EL 10 μ F \pm 20% 16V
C508	0890044	CD 0.022 μ F \pm 20% 50V	* C556	0800048	EL 100 μ F \pm 20% 10V
C509	0890044	CD 0.022 μ F \pm 20% 50V	C557	0800015	EL 10 μ F \pm 20% 16V
C510	0890035	CD 1000PF \pm 10% 50V	C558	0800101	EL 0.1 μ F \pm 20% 50V
C511	0890035	CD 1000PF \pm 10% 50V	C559	0800101	EL 0.1 μ F \pm 20% 50V
C512	0800003	EL 1 μ F \pm 20% 50V	C560	0800003	EL 1 μ F \pm 20% 50V
C513	0800003	EL 1 μ F \pm 20% 50V	C561	0800003	EL 1 μ F \pm 20% 50V
C514	0890026	CD 220PF \pm 20% 50V	C562	0800003	EL 1 μ F \pm 20% 50V
C515	0890026	CD 220PF \pm 20% 50V	C563	0800003	EL 1 μ F \pm 20% 50V
C516	0800041	EL 47 μ F \pm 20% 16V	C564	0800103	EL 0.22 μ F \pm 20% 50V
C517	0800007	EL 3.3 μ F \pm 20% 50V	C565	0800103	EL 0.22 μ F \pm 20% 50V
C518	0800007	EL 3.3 μ F \pm 20% 50V	C566	0800012	EL 4.7 μ F \pm 20% 50V
C519	0800003	EL 1 μ F \pm 20% 50V	C567	0800003	EL 1 μ F \pm 20% 50V
C520	0800003	EL 1 μ F \pm 20% 50V	C568	0800003	EL 1 μ F \pm 20% 50V
C521	0800022	EL 22 μ F \pm 20% 10V	C569	0800012	EL 4.7 μ F \pm 20% 50V
C522	0800007	EL 3.3 μ F \pm 20% 50V	C570	0800012	EL 4.7 μ F \pm 20% 50V
C523	0800007	EL 3.3 μ F \pm 20% 50V	C571	0800012	EL 4.7 μ F \pm 20% 50V
C524	0890043	CD 0.01 μ F \pm 20% 16V	C572	0800012	EL 4.7 μ F \pm 20% 50V
		[E, E(BS), E(Z)]	C573	0800012	EL 4.7 μ F \pm 20% 50V
C525	0890028	CD 330PF \pm 20% 50V	C574	0800012	EL 4.7 μ F \pm 20% 50V
C526	0890028	CD 330PF \pm 20% 50V	C577	0800015	EL 10 μ F \pm 20% 16V
C527	0800003	EL 1 μ F \pm 20% 50V	C578	0800003	EL 1 μ F \pm 20% 50V
C528	0800003	EL 1 μ F \pm 20% 50V	C579	0800003	EL 1 μ F \pm 20% 50V
C529	0240058	CD 5600PF \pm 10% 50V	C580	0240068	CD 0.1 μ F \pm 20% 50V
C530	0890043	CD 0.01 μ F \pm 20% 16V			[E, E(BS), E(Z)]

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C581	0890043	CD 0.01 μ F \pm 20% 16V [E, E(BS), E(Z)]	C825	0240214	CC 0.015 μ F \pm 10% 25V
C582	0890043	CD 0.01 μ F \pm 20% 16V [E, E(BS), E(Z)]	C826	0240218	CC 0.033 μ F \pm 10% 25V
C583	0800041	EL 47 μ F \pm 20% 16V	C827	0890043	CD 0.01PF \pm 20% 50V
C681	0800041	EL 47 μ F \pm 20% 16V	C828	0800016	EL 10 μ F \pm 20% 25V
C682	0880016	PF 0.1 μ F \pm 10 % 50V	C829	0890001	CD 1PF \pm 20% 50V
C683	0880016	PF 0.1 μ F \pm 10 % 50V	C830	0890012	CD 18PF \pm 20% 50V
C684	0890022	CD 100PF \pm 10% 50V	C831	0800048	EL 100 μ F \pm 20% 10V
C685	0890022	CD 100PF \pm 10% 50V	C832	0890043	CD 0.01 μ F \pm 20% 16V
C701	0800048	EL 100 μ F \pm 20% 10V	C833	0890031	CD 470PF \pm 10% 50V
C702	0890013	CD 22PF \pm 10% 50V	C834	0890043	CD 0.01 μ F \pm 20% 16V
C703	0890008	EL 10PF \pm 20% 16V	C835	0890043	CD 0.01 μ F \pm 20% 16V
C704	0800012	EL 4.7 μ F \pm 20% 50V	C836	0890005	CD 4.7PF \pm 20% 25V
C705	0890035	CD 1000PF \pm 10% 50V	C837	0890005	CD 4.7PF \pm 20% 25V
C706	0890035	CD 1000PF \pm 10% 50V	C838	0800048	EL 100 μ F \pm 20% 10V
C707	0800048	EL 100 μ F \pm 20% 10V	C839	0800048	EL 100 μ F \pm 20% 10V
C708	0800007	EL 3.3 μ F \pm 20% 50V	C840	0800048	EL 100 μ F \pm 20% 10V
C709	0800048	EL 100 μ F \pm 20% 10V	C841	0800048	EL 100 μ F \pm 20% 10V
C711	0244171	CC 0.01 μ F \pm 20% 50V	C842	0890044	CD 0.022 μ F \pm 20% 50V
C712	0890025	CD 180PF \pm 10% 50V	C843	0890044	CD 0.022 μ F \pm 20% 50V
C713	0890025	CD 180PF \pm 10% 50V	C844	02528022	EL 0.22 μ F \pm 20% 50V
C714	0890025	CD 180PF \pm 10% 50V	C845L	0890025	CD 180PF \pm 10% 50V
C715	0890025	CD 180PF \pm 10% 50V	C845R	0890025	CD 180PF \pm 10% 50V
C716	0890041	CD 6800PF \pm 10% 50V	C846L	0890025	CD 180PF \pm 10% 50V
C771	0800016	EL 10 μ F \pm 20% 25V	C846R	0890025	CD 180PF \pm 10% 50V
C772	0890038	CD 3300PF \pm 10% 50V	C847L	0890024	CD 150PF \pm 10% 50V
C773	0800016	EL 10 μ F \pm 20% 25V	C847R	0890024	CD 150PF \pm 10% 50V
C774	0800048	EL 100 μ F \pm 20% 10V	C848L	0800018	CD 56PF \pm 10% 50V
C801	0890043	CD 0.01 μ F \pm 20% 16V	C848R	0800018	CD 56PF \pm 10% 50V
C802	0800048	EL 100 μ F \pm 20% 10V	C849L	0800018	CD 56PF \pm 10% 50V
C803	0800039	EL 47 μ F \pm 20% 10V	C849R	0800018	CD 56PF \pm 10% 50V
C804	0890043	CD 0.01 μ F \pm 20% 16V	C850L	0800024	EL 22 μ F \pm 20% 25V
C805	0800048	EL 100 μ F \pm 20% 10V	C850R	0800024	EL 22 μ F \pm 20% 25V
C806	0800001	EL 0.47 μ F \pm 20% 50V	C851L	0890037	CD 2200PF \pm 20% 16V
C807	0890033	CD 680PF \pm 20% 50V	C851R	0890037	CD 2200PF \pm 20% 16V
C808	0240219	PF 0.039 μ F \pm 10% 25V	C852	0800042	EL 47 μ F \pm 20% 25V
C809	02750332	PF 0.027 μ F \pm 10% 50V	C853	0800049	EL 100 μ F \pm 20% 16V
C810	0880017	PF 0.15 μ F \pm 10% 50V	C854	0890043	CD 0.01 μ F \pm 20% 16V
C811	0890031	CD 470PF \pm 20% 50V	C856	0880016	PF 0.1 μ F \pm 20% 50V
C812	0800024	EL 22 μ F \pm 20% 25V	C857	0880016	PF 0.1 μ F \pm 20% 25V
C813	02528022	EL 0.22 μ F \pm 20% 50V	C858	0800016	EL 10 μ F \pm 20% 50V
C814	0890037	CD 2200PF \pm 20% 16V	C859	0800016	EL 10 μ F \pm 20% 50V
C815	0880017	PF 0.15 μ F \pm 10% 50V	C860	0800016	EL 10 μ F \pm 20% 50V
C816	0880014	PF 0.047 μ F \pm 10% 50V	C861	0800003	EL 1 μ F \pm 20% 50V
C817	0800024	EL 22 μ F \pm 20% 25V	C862	0800066	EL 330 μ F \pm 20% 16V
C818	0800016	EL 10 μ F \pm 20% 25V	C863	0890036	CD 1500PF \pm 20% 16V
C819	0890034	CD 820PF \pm 10% 50V	C864	02528022	EL 0.22 μ F \pm 20% 50V
C820	0800001	EL 0.47 μ F \pm 20% 50V	C865	02528022	EL 0.22 μ F \pm 20% 50V
C821	0890043	CD 0.01 μ F \pm 20% 16V	C866	0800048	EL 100 μ F \pm 20% 10V
C822	0800048	EL 100 μ F \pm 20% 10V	C867	0800049	EL 100 μ F \pm 20% 16V
C823	02750352	PF 0.056 μ F \pm 10% 35V	C868	0890043	CD 0.01 μ F \pm 20% 16V
C824	0240214	CC 0.015 μ F \pm 10% 25V	C869	0890043	CD 0.01 μ F \pm 20% 16V
			C870	0890043	CD 0.01 μ F \pm 20% 16V
			C871	0890043	CD 0.01 μ F \pm 20% 16V

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
C872	0890043	CD 0.01 μ F \pm 20% 16V	R082	01132012	CF 10 Ω \pm 5% $\frac{1}{2}$ W
C873	0890043	CD 0.01 μ F \pm 20% 16V [UC]	R083	01132012	CF 10 Ω \pm 5% $\frac{1}{2}$ W
C901	0800001	EL 0.47 μ F \pm 20% 50V	R084	01132012	CF 10 Ω \pm 5% $\frac{1}{2}$ W
C902	0800048	EL 100 μ F \pm 20% 10V	R085	01132012	CF 10 Ω \pm 5% $\frac{1}{2}$ W
C903	0257903	EL 0.047F \pm 20% 50V	R086	0110233	MF 330 Ω \pm 5% 2W
C905	0800101	EL 0.1 μ F \pm 20% 50V	R087	0110233	MF 330 Ω \pm 5% 2W
C906	0240067	CD 0.047 μ F \pm 20% 50V	R088	0110229	MF 220 Ω \pm 5% 2W
C907	0800048	EL 100 μ F \pm 20% 10V	R089	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
C908	0240067	CD 0.047 μ F \pm 20% 50V	R090	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
C909	0890035	CD 1000PF \pm 10% 50V	R091	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
C910	0890035	CD 1000PF \pm 10% 50V	R101	0700046	CF 2.7k Ω \pm 5% $\frac{1}{6}$ W
C911	0890035	CD 1000PF \pm 10% 50V	R102	0700024	CF 56 Ω \pm 5% $\frac{1}{6}$ W
C912	0890035	CD 1000PF \pm 10% 50V	R103	01132902	CF 180 Ω \pm 5% $\frac{1}{2}$ W
RESISTORS:					
Δ R001	0139005	CF 2.7M Ω \pm 10% $\frac{1}{2}$ W [UC]	R151	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R002	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R152	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R003	01132972	CF 680 Ω \pm 5% $\frac{1}{2}$ W	R153	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R004	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	[except UC]		
R005	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R154	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R006	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	[E, E(BS), E(Z)]		
R007	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R154	0700072	CF 220k Ω \pm 5% $\frac{1}{6}$ W
R051	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	[W, W(UN), W(AU)]		
R052	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R155	0700076	CF 470k Ω \pm 5% $\frac{1}{6}$ W
R053	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	[except UC]		
R054	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R156	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W
R055	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	[except UC]		
R056	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R157	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R057	0700036	CF 47 Ω \pm 5% $\frac{1}{6}$ W	[E, E(BS), E(Z)]		
R058	0700036	CF 47 Ω \pm 5% $\frac{1}{6}$ W	R158	0700076	CF 470k Ω \pm 5% $\frac{1}{6}$ W
R059	01133622	CF 2.2k Ω \pm 5% $\frac{1}{4}$ W	[except UC]		
R060	01133622	CF 2.2k Ω \pm 5% $\frac{1}{4}$ W	R159	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W
R061	01133622	CF 2.2k Ω \pm 5% $\frac{1}{4}$ W	[except UC]		
R062	01133622	CF 2.2k Ω \pm 5% $\frac{1}{4}$ W	R160	0700014	CF 10 Ω \pm 5% $\frac{1}{6}$ W
R063	1110621	FR 100 Ω \pm 5% $\frac{1}{4}$ W	[except UC]		
R064	0113365	CF 1k Ω \pm 5% $\frac{1}{2}$ W	R161	0700019	CF 27 Ω \pm 5% $\frac{1}{6}$ W
R065	0113365	CF 1k Ω \pm 5% $\frac{1}{2}$ W	[W, W(UN), W(AU)]		
R066	1110621	FR 100 Ω \pm 5% $\frac{1}{4}$ W	R162	0700023	CF 47 Ω \pm 5% $\frac{1}{6}$ W
R068	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W	R163	0700014	CF 10 Ω \pm 5% $\frac{1}{6}$ W [UC]
R069	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R181	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
R070	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R182	0700038	CF 680 Ω \pm 5% $\frac{1}{6}$ W
R071	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R183	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R072	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R184	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W
R073	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R185	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
R074	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	[E, E(BS), E(Z)]		
R075	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R185	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R076	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	[W, W(UN), W(AU)]		
R077	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R186	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R078	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	[except UC]		
R079	0700053	CF 8.2k Ω \pm 5% $\frac{1}{6}$ W	R187	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
R080	0129531	CF 10 Ω \pm 5% $\frac{1}{4}$ W	[except UC]		
R081	0129531	CF 10 Ω \pm 5% $\frac{1}{4}$ W	R188	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
			R188	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W
			[W, W(UN), W(AU)]		

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R189	01132912	CF 220 Ω \pm 5% $\frac{1}{2}$ W	R417	0700081	CF 1M Ω \pm 5% $\frac{1}{6}$ W
R201	0700034	CF 330 Ω \pm 5% $\frac{1}{6}$ W	R418	0700075	CF 390k Ω \pm 5% $\frac{1}{6}$ W
		[UC, W, W(UN), W(AU)]	R419	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R202	0700034	CF 330 Ω \pm 5% $\frac{1}{6}$ W	R420	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R203	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R421	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R204	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	R422	01132892	CF 150 Ω \pm 5% $\frac{1}{2}$ W
R205	0700035	CF 390 Ω \pm 5% $\frac{1}{6}$ W	R423	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W
R206	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R424	0700044	CF 1.8k Ω \pm 5% $\frac{1}{6}$ W
R207	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W [UC]	R425	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R207	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R451	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
		[except UC]	R452	0700042	CF 1.2k Ω \pm 5% $\frac{1}{6}$ W
R208	0700041	CF 1k Ω \pm 1% $\frac{1}{6}$ W	R453	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R209	0700041	CF 1k Ω \pm 1% $\frac{1}{6}$ W	R454	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R210	0700035	CF 390 Ω \pm 5% $\frac{1}{6}$ W	R455	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
		[UC]	R456	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R211	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R457	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R212	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W	R458	0700016	CF 15 Ω \pm 5% $\frac{1}{6}$ W
R213	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W	R459	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W
		[except UC]	R460	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R214	0700072	CF 220k Ω \pm 5% $\frac{1}{6}$ W	R461	0700049	CF 4.7k Ω \pm 5% $\frac{1}{6}$ W
		[except UC]	R462	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R215	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R463	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R216	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R464	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R217	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R465	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
		[E, E(BS), E(Z)]	R466	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R218	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R467	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R219	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R468	0700059	CF 27k Ω \pm 5% $\frac{1}{6}$ W
R220	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R469	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R221	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R471	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R301	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W	R472	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R302	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W	R473	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R303	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W	R474	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R304	0113696	CF 8.2M Ω \pm 5% $\frac{1}{6}$ W	R475	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
		[W, W(UN), W(AU)]	R476	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R305	01132902	CF 180 Ω \pm 5% $\frac{1}{2}$ W	R477	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R306	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R478	0700057	CF 18k Ω \pm 5% $\frac{1}{6}$ W
		[W, W(UN), W(AU)]	R479	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R401	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R480	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R402	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R481	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R403	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R482	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R404	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R483	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R405	0700021	CF 33 Ω \pm 5% $\frac{1}{6}$ W	R484	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R406	0700021	CF 33 Ω \pm 5% $\frac{1}{6}$ W	R485	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R407	0700059	CF 27k Ω \pm 5% $\frac{1}{6}$ W	R486	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R408	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W	R487	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R409	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R488	0700043	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R410	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	R489	0700043	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R411	0129571	CF 270 Ω \pm 5% $\frac{1}{4}$ W	R501	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R412	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	R502	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R413	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R503	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W
R414	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R504	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W
R415	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R505	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R416	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R506	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W

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Remark : * Mark: components in Display P.W.B. (HAD)

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R507	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W	*R555	0700035	CF 390 Ω \pm 5% $\frac{1}{6}$ W
R508	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W	R556	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R509	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	*R556	0700035	CF 390 Ω \pm 5% $\frac{1}{6}$ W
R510	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R557	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R511	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	*R557	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R512	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R558	0700049	CF 4.7k Ω \pm 5% $\frac{1}{6}$ W
R513	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R559	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R514	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R561	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R515	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R562	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R516	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R563	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
R517	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R564	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
R518	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R565	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R519	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R566	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R520	0700044	CF 1.8k Ω \pm 5% $\frac{1}{6}$ W	R567	0700048	CF 3.9k Ω \pm 5% $\frac{1}{6}$ W
R521	0700044	CF 1.8k Ω \pm 5% $\frac{1}{6}$ W	R568	0700048	CF 3.9k Ω \pm 5% $\frac{1}{6}$ W
R522	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R569	0700049	CF 4.7k Ω \pm 5% $\frac{1}{6}$ W
R523	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R570	0700049	CF 4.7k Ω \pm 5% $\frac{1}{6}$ W
R524	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R571	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R525	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R572	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R526	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R573	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R527	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R574	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R528	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R575	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W
R529	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R576	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W
R530	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R577	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
R531	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R578	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W
R532	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W	R579	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R533	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W	R580	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R534	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W	R581	0700053	CF 8.2k Ω \pm 5% $\frac{1}{6}$ W
R535	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R582	0700053	CF 8.2k Ω \pm 5% $\frac{1}{6}$ W
R536	0700032	CF 220 Ω \pm 5% $\frac{1}{6}$ W	R583	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R537	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R584	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R538	0700018	CF 22 Ω \pm 5% $\frac{1}{6}$ W	R585	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R539	0700038	CF 680 Ω \pm 5% $\frac{1}{6}$ W	R586	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R540	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R587	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R541	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R588	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R542	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R589	0700036	CF 470 Ω \pm 5% $\frac{1}{6}$ W
R543	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R590	0700036	CF 470 Ω \pm 5% $\frac{1}{6}$ W
R544	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R591	0700051	CF 1.8k Ω \pm 5% $\frac{1}{6}$ W
R545	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R592	0700072	CF 220k Ω \pm 5% $\frac{1}{6}$ W
R546	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R593	0700072	CF 220k Ω \pm 5% $\frac{1}{6}$ W
R547	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R594	0700033	CF 270 Ω \pm 5% $\frac{1}{6}$ W
R548	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R595	0700033	CF 270 Ω \pm 5% $\frac{1}{6}$ W
R549	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R596	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R550	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R597	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R551	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R598	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
*R551	0174564	MF 1k Ω \pm 1% $\frac{1}{6}$ W	R599	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R552	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R600	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
*R552	0174567	MF 1.3k Ω \pm 1% $\frac{1}{6}$ W	R601	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R553	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	R602	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
*R553	0174568	MF 1.5k Ω \pm 1% $\frac{1}{6}$ W	R603	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
R554	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	R604	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
*R554	0174571	MF 1.8k Ω \pm 1% $\frac{1}{6}$ W	R605	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
R555	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R606	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W

SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R607	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R746	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
R608	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R747	0700065	CF 68k Ω \pm 5% $\frac{1}{6}$ W
R609	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R748	0700074	CF 330k Ω \pm 5% $\frac{1}{6}$ W
R611	0700051	CF 1.8k Ω \pm 5% $\frac{1}{6}$ W	R771	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W
R612	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R772	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R613	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R773	0700073	CF 270k Ω \pm 5% $\frac{1}{6}$ W
R681	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R774	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R682	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R775	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W
R701	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R776	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W
R702	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R777	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W
R703	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R778	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W
R704	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R779	0700059	CF 27k Ω \pm 5% $\frac{1}{6}$ W
R705	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R780	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R706	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R781	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R707	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R782	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R708	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R783	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R709	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R784	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R710	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R785	0700044	CF 1.8k Ω \pm 5% $\frac{1}{6}$ W
R711	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R786	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
R712	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R787	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W
R713	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R788	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R714	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R789	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R715	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R790	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W
R716	0700049	CF 4.7k Ω \pm 5% $\frac{1}{6}$ W	R791	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R717	0700049	CF 4.7k Ω \pm 5% $\frac{1}{6}$ W	R792	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R718	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R801	01132212	CF 22 Ω \pm 5% $\frac{1}{6}$ W
R719	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R802	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
R720	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R803	0700038	CF 680 Ω \pm 5% $\frac{1}{6}$ W
R721	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R804	0150269	RV RV6 100K-B
R722	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R805	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R723	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R806	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R724	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R807	0700066	CF 82k Ω \pm 5% $\frac{1}{6}$ W
R725	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R808	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W
R726	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R809	0700071	CF 180k Ω \pm 5% $\frac{1}{6}$ W
R727	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R810	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R728	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R811	0700028	CF 120 Ω \pm 5% $\frac{1}{6}$ W
R729	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R812	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W
R730	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R813	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R731	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R814	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W
R732	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R815	0150263	RV RV6 3K-B
R733	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R816	0700046	CF 2.7k Ω \pm 5% $\frac{1}{6}$ W
R734	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R817	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R735	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R818	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R736	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R819	0700049	CF 4.7k Ω \pm 5% $\frac{1}{6}$ W
R737	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R820	0700037	CF 560 Ω \pm 5% \frac

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R829	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R871	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R830	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R872	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R831	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R873	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R832	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R874	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R833	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R875	0700014	CF 10 Ω \pm 5% $\frac{1}{6}$ W
R834	0700032	CF 220 Ω \pm 5% $\frac{1}{6}$ W	R876	0700014	CF 10 Ω \pm 5% $\frac{1}{6}$ W
R835	0700081	CF 1M Ω \pm 5% $\frac{1}{6}$ W	R877	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W
R836	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R878	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R837	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R879	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R838	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R881	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R839	0700057	CF 18k Ω \pm 5% $\frac{1}{6}$ W	R882	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R840	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R883	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R841	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R884	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R842	0700066	CF 82k Ω \pm 5% $\frac{1}{6}$ W	R885	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R843	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R886	0700051	CF 5.6k Ω \pm 5% $\frac{1}{6}$ W
R844	0700068	CF 120k Ω \pm 5% $\frac{1}{6}$ W	R887	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R845	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	R888	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R846	01132212	CF 22 Ω \pm 5% $\frac{1}{2}$ W	R889	0700038	CF 680 Ω \pm 5% $\frac{1}{6}$ W
R847L	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R890	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R847R	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R891	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R848L	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R892	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R848R	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R893	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W
R849L	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W	R901	0174576	MF 3k Ω \pm 1% $\frac{1}{6}$ W
R849R	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W	R902	0174569	MF 1.6k Ω \pm 1% $\frac{1}{6}$ W
R850L	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W	R903	0174577	MF 3.3k Ω \pm 1% $\frac{1}{6}$ W
R850R	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W	R904	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R851L	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R905	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R851R	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R906	0174571	MF 1.8k Ω \pm 1% $\frac{1}{6}$ W
R852L	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R907	0174576	MF 3k Ω \pm 1% $\frac{1}{6}$ W
R852R	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	R908	0174569	MF 1.6k Ω \pm 1% $\frac{1}{6}$ W
R853L	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R909	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R853R	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R910	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R854L	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R911	0700048	CF 3.9k Ω \pm 5% $\frac{1}{6}$ W
R854R	0700067	CF 100k Ω \pm 5% $\frac{1}{6}$ W	R912	0174577	MF 3.3k Ω \pm 1% $\frac{1}{6}$ W
R855L	0700036	CF 470 Ω \pm 5% $\frac{1}{6}$ W	R913	0174571	MF 1.8k Ω \pm 1% $\frac{1}{6}$ W
R855R	0700036	CF 470 Ω \pm 5% $\frac{1}{6}$ W	R914	0700045	CF 2.2k Ω \pm 5% $\frac{1}{6}$ W
R856L	0700064	CF 56k Ω \pm 5% $\frac{1}{6}$ W	R915	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W
R856R	0700064	CF 56k Ω \pm 5% $\frac{1}{6}$ W	R916	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R857	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W	R917	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R858	0700052	CF 6.8k Ω \pm 5% $\frac{1}{6}$ W	R918	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R859	0700032	CF 220 Ω \pm 5% $\frac{1}{6}$ W	R919	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R860L	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R920	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R860R	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	R921	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R861	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R922	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R862	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W	R923	0700054	MF 10k Ω \pm 1% $\frac{1}{6}$ W
R863	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W	R924	0174591	MF 10k Ω \pm 1% $\frac{1}{6}$ W
R864	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R925	0174591	MF 10k Ω \pm 1% $\frac{1}{6}$ W
R865	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W	R926	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W
R866	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R927	0174564	MF 1k Ω \pm 1% $\frac{1}{6}$ W
R867	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W	R928	0174564	MF 1k Ω \pm 1% $\frac{1}{6}$ W
R868	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R929	0174563	MF 910 Ω \pm 1% $\frac{1}{6}$ W
R869	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W	R930	0174563	MF 910 Ω \pm 1% $\frac{1}{6}$ W
R870	0700058	CF 22k Ω \pm 5% $\frac{1}{6}$ W	R931	0700055	CF 12k Ω \pm 5% $\frac{1}{6}$ W

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
R932	0700056	CF 15k Ω \pm 5% $\frac{1}{6}$ W [E, E(BS), E(Z)]	IC501	2008432	IC BU4052BC
R932	0700061	CF 33k Ω \pm 5% $\frac{1}{6}$ W [W, W(UN), W(AU)]	IC502	CP00621	IC HA17558
R933	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	IC503	CP00621	IC HA17558
R934	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	IC504	CP00621	IC HA17558
R935	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	IC505	CP00621	IC HA17558
R936	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	IC506	2363197	IC BU4066BC
R937	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	IC507	CP00621	IC HA17558
R938	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	IC508	2387304	IC M5218AP
R939	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	IC551	CJ00001	IC RPM-676CBR-L
R940	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	IC681	23071012	IC BA6209N
R941	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	IC701	CP01171	IC μ PD75217CW-253
R942	0700081	CF 1M Ω \pm 5% $\frac{1}{6}$ W	IC702	2005421	IC S8054ALR
R943	0700063	CF 47k Ω \pm 5% $\frac{1}{6}$ W	IC703	2361452	IC HD14051BP
R944	0700054	CF 10k Ω \pm 5% $\frac{1}{6}$ W	IC704	2020251	IC NJM2100D
R945	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	IC705	2008712	IC BU2040
R951	0174558	MF 620 Ω \pm 1% $\frac{1}{6}$ W	IC771	2008761	IC BA383DS
R952	0174559	MF 680 Ω \pm 1% $\frac{1}{6}$ W	IC772	2363197	IC BU4066BC
R953	0174562	MF 820 Ω \pm 1% $\frac{1}{6}$ W	IC773	CP00621	IC HA17558
R954	0174563	MF 910 Ω \pm 1% $\frac{1}{6}$ W	IC774	CP00621	IC HA17558
R955	0174558	MF 620 Ω \pm 1% $\frac{1}{6}$ W	IC775	CP00621	IC HA17558
R956	0174559	MF 680 Ω \pm 1% $\frac{1}{6}$ W	IC801	2003371	IC HA12158NT
R957	0174562	MF 820 Ω \pm 1% $\frac{1}{6}$ W	IC802	2019822	IC HD49233AFS
R958	0174563	MF 910 Ω \pm 1% $\frac{1}{6}$ W	IC803	2381892	IC μ PC358C
R959	0174572M	MF 2k Ω \pm 1% $\frac{1}{6}$ W	IC804	2387304	IC M5218AP
R960	0174571	MF 1.8k Ω \pm 1% $\frac{1}{6}$ W	IC805	2003251	IC AN7805
R961	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	IC806	2003701	IC BA6294
R962	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	IC807	2003701	IC BA6294
R963	0700047	CF 3.3k Ω \pm 5% $\frac{1}{6}$ W	IC808	2916281	IC BA6219
R964	0700043	CF 1.5k Ω \pm 1% $\frac{1}{6}$ W	IC809	2916281	IC BA6219
R965	0700043	CF 1.5k Ω \pm 5% $\frac{1}{6}$ W	IC901	CP01181	IC M38123M4-090SP
R966	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	IC951	2008711	IC BU2040F
R967	0700041	CF 1k Ω \pm 5% $\frac{1}{6}$ W	TRANSISTORS:		
VR451	0160316	VR 100k-B	Q001	2328625	TR 2SB647(C)
VR452	0160316	VR 100k-B	Q002	2318303	TR 2SC1740S
VR551	0158102	VR 20k-B	Q003	2318303	TR 2SC1740S
VR681	0157901	VR 50k-A	Q051	2318303	TR 2SC1740S
VR901	0160314	VR 2k-B	Q052	2326876	TR DTC124ES
ICS:			Q053	2326876	TR DTC124ES
IC001	2003252	IC AN7806	Q151	2318303	TR 2SC1740S
IC002	2004603	IC PQ12RA1	Q152	2318303	TR 2SC1740S
IC003	2003255	IC AN7809	Q153	2318303	TR 2SC1740S
IC051	CW00091	IC STK-4152II	Q154	2318303	TR 2SC1740S
IC052	2387582	IC μ PC1237HA	Q155	2315422	TR 2SD1468
IC201	23684312	IC AN278	Q181	2318303	TR 2SC1740S
IC202	2020421	IC LA1831	Q182	2318303	TR 2SC1740S
IC301	2385201	IC LC7218	Q183	2318303	TR 2SC1740S
IC401	2008771	IC CXA1498S	Q184	2318303	TR 2SC1740S
IC402	23684632	IC BA335	Q201	2318303	TR 2SC1740S [except UC]
IC451	2020291	IC BA3126N	Q202	2326876	TR DTC124ES
IC471	2003731	IC HA12134A	Q301	2326862	TR DTA114ES
			Q302	2326862	TR DTA114ES
			Q303	2326862	TR DTA114ES

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
S551	2639682R	TACT SWITCH	JK552	2695031	MIC JACK
S552	2639682R	TACT SWITCH	P101	EU00131	4P PUSH TERMINAL
S553	2639682R	TACT SWITCH			[UC, W, W(UN), W(AU)]
S554	2639682R	TACT SWITCH	P101	EU00141	2P-PAL CON. TERMINAL
S555	2600832	PUSH SWITCH			[E, E(BS), E(Z)]
S556	2600832	PUSH SWITCH	PG701	2698981	FFC CONNECTOR 30P
S557	2600832	PUSH SWITCH	PG702	2698991	FFC CONNECTOR 30P (L)
S701	2639682R	TACT SWITCH	PG703	2698985	FFC CONNECTOR 11P
S702	2639682R	TACT SWITCH	PG704	2698992	FFC CONNECTOR 11P (L)
S703	2639682R	TACT SWITCH	PG805	2674156	FFC CONNECTOR 18P
S705	2639682R	TACT SWITCH	RY051	2641321	RELAY (24V)
S706	2639682R	TACT SWITCH	X201	2138143	CDA10.7 MG37-A [UC]
S707	2639682R	TACT SWITCH	X202	2138134	CSB456F15
S708	2639682R	TACT SWITCH	X301	2170132	7.2M RESONATOR
S709	2639682R	TACT SWITCH	X701	2168481	VFL-CST4.19MGW
S710	2639682R	TACT SWITCH	X702	2168491	VFL-DT-38 (32.768kHz)
S711	2639682R	TACT SWITCH	X801	2168881	RESONATOR (33.868MHz)
S712	2639682R	TACT SWITCH	X901	2792072	RESONATOR (4.03MHz)
S714	2639682R	TACT SWITCH			
S715	2639682R	TACT SWITCH			
S716	2639682R	TACT SWITCH			
S717	2639682R	TACT SWITCH			
S718	2639682R	TACT SWITCH			
S719	2639682R	TACT SWITCH			
S720	2639682R	TACT SWITCH			
S721	2639682R	TACT SWITCH			
S722	2639682R	TACT SWITCH			
S723	2639682R	TACT SWITCH			
S724	2639682R	TACT SWITCH			
S725	2639682R	TACT SWITCH			
S951	2639682R	TACT SWITCH			
S952	2639682R	TACT SWITCH			
S953	2639682R	TACT SWITCH			
S954	2639682R	TACT SWITCH			
S955	2639682R	TACT SWITCH			
S956	2639682R	TACT SWITCH			
S957	2639682R	TACT SWITCH			
S958	2639682R	TACT SWITCH			
S959	2639682R	TACT SWITCH			
S960	2639682R	TACT SWITCH			
S961	2639682R	TACT SWITCH			
S962	2600832	PUSH SWITCH			
CABINET CHASSIS (HAD-C22):					
			1	PH02041	FRONT PANEL ASS'Y (AD/C22)
			2	3487403	HITACHI BADGE (G)
			3	PH02051	CASSETTE DOOR R ASS'Y
			4	PH02071	CASSETTE DOOR L ASS'Y
			5	PC00781	DECK BUTTON R ASS'Y
			6	PC00791	DECK BUTTON L ASS'Y
			7	PC00761	EJECT BUTTON R
			8	PC00771	EJECT BUTTON L
			9	PC00921	REC INDICATOR
			10	PC00751	BUTTON (DOLBY)
			11	PC00851	FUNCTION BUTTON
			12	PC00721	BUTTON (WIDE)
			13	PC00731	BUTTON (BASS)
			14	PC00741	BUTTON (KARAOKE)
			15	PC00861	MAIN VR KNOB
			16	PC00871	MIC KNOB
			17	PH02001	DISPLAY SHEET
			18	NJ01072	EJECT ARM R
			19	NJ01082	EJECT ARM L
			20	3335781	EJECT SPRING R
			21	3335782	EJECT SPRING L
			22	UC00041	DECK MECHA CWA-432RR
			23	NJ01012	EJECT LEVER R
			24	NJ01022	EJECT LEVER L
			25	NJ01032	EJECT HOLDER R
			26	NJ01042	EJECT HOLDER L
			27	KL00261	EJECT ARM SPRING
			28	8681104	SCREW 2x4 DT
			29	3815801	GEAR DAMPER
			30	NA02691	MECHA HOLDER
			31	QA00192	BOTTOM CHASSIS (AD)
			32	3802974	PWB HOLDER (B)
			33	NX00331	FOOT
MISCELLANEOUS:					
CF201	2135003	CFL-SKM2			
CF202	2135003	CFL-SKM2 [E, E(BS), E(Z)]			
CF203	2135003	CFL-SKM2			
CN801	EW00161	IDC CABLE 15P			
E551	NJ01061	RM HOLDER			
JK001	ED00491	15P SOCKET (I.D.C.)			
JK051	EU00081	SPEAKER TERMINAL			
JK501	2673992	2P US PIN JACK			
JK551	2695031	HEADPHONE JACK			

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
34	MQ00034	LEG	4	TJ00381	SPRING AZIMUTH
35	QA00161	REAR PLATE (AD/C22) [UC]	5	TJ00383	GEAR ARM HEAD
	QA00162	REAR PLATE (AD/C22) [E]	6	TJ00384	SPRING CASSETTE
	QA00163	REAR PLATE (AD/C22) [W]	7	TJ00386	CAP REEL
	QA00211	REAR PLATE ASS'Y [W(UN)]	8	TJ00387	ASS'Y PINCH ARM L
	QA00212	REAR PLATE ASS'Y [W(AU)]	9	TJ00389	ASS'Y PINCH ARM R
	QA00215	REAR PLATE ASS'Y [E(BS)]	10	TJ00391	ARM PLAY L
36	QA00181	HEAT SINK COVER C22	11	TJ00392	GEAR PLAY
37	3872271	AC CORD BUSHING [UC]	12	TJ00393	ARM PLAY R
	ML00061	AC CORD BUSHING [Except UC]	13	TJ00394	CHASSIS OS.
38	3471652	TOP COVER	14	TJ00395	ASS'Y SUB REEL L
39	8699408	SCREW 3x8 BT BIND B	15	TJ00396	SOLENOID
40	8691410	SCREW 3x10 BT BIND	16	TJ00398	ARM RVS
41	8691414	SCREW 3x14 BT BIND	17	TJ00399	GEAR FF
42	8671606	SCREW 4x6 DT BIND	18	TJ00401	ASS'Y ARM FR
43	8679406	SCREW 3x6 DT BIND B	19	TJ00402	ASS'Y PULLEY FR
44	8699410	SCREW 3x10 BT BIND B	20	TJ00403	BELT FR
45	8699308	SCREW 2.6x8 BT BIND B	21	TJ00405	ASS'Y FLYWHEEL L
		[W, W(UN), W(AU)]	22	TJ00407	ARM BRAKE
Δ 46	2713148	AC CORD [UC]	23	TJ00408	ASS'Y SUB REEL R
Δ	2972567	AC CORD [E, E(Z), W, W(UN)]	24	TJ00409	ARM TRIGGER
Δ	2971044	POWER CORD [E(BS)]	25	TJ00411	GEAR CAM
Δ	2971111	AC CORD [W(AU)]	26	TJ00413	ASS'Y FLYWHEEL R
CABINET CHASSIS (HTC-C22):					
1	PH02161	FRONT PANEL ASS'Y (TC/C22)	27	TJ00415	WIRE (11P)
2	8411642	FELT	28	TJ00418	SWITCH MODE
3	3487403	HITACHI BADGE (G)	29	TJ00419	SWITCH (LEAF)
4	PH02021	DECORATION PANEL	30	TJ00421	HALL IC.
5	PH02031	CD TRAY PANEL	31	TJ00423	PULLEY
6	PC00881	BUTTON (POWER)	32	TJ00424	BELT (MOTOR-FW)
7	PC00891	BUTTON (EQ)	33	TJ00427	BELT (PULLEY-FW)
8	PC00901	BUTTON (TU)	34	TJ00429	SPRING
9	PC00911	BUTTON (CD)	35	TJ00431	SPRING
10	NQ00451	BOTTOM CHASSIS (TC)	36	TJ00432	SPRING
11	3471652	TOP COVER	37	TJ00433	SPRING
12	QA00201	REAR PLATE (TC/C22) [UC]	38	TJ00434	SPRING
	QA00202	REAR PLATE (TC/C22) [E, E(BS), E(Z)]	39	TJ00435	SPRING
	QA00203	REAR PLATE (TC/C22)	40	TJ00436	SPRING
		[W, W(UN), W(AU)]	41	TJ00437	SPRING
13	NX00331	FOOT	42	TJ00438	SPRING
14	MQ00034	LEG	43	TJ00439	SPRING
15	8671406	SCREW 3x6 DT	44	TJ00441	SPRING
16	8679406	SCREW 3x6 DT B	45	TJ00442	SPRING
17	8691410	SCREW 3x10 BT	46	TJ00443	SPRING
CASSETTE CHASSIS (TAPE 2):					
			1	TJ00456	ASS'Y HOLDER HEAD
			2	TJ00378	FLAME HEAD
			3	TJ00379	LEVER HEAD
			4	TJ00381	SPRING AZIMUTH
			5	TJ00383	GEAR ARM HEAD
			6	TJ00384	SPRING CASSETTE
			7	TJ00386	CAP REEL
			8	TJ00387	ASS'Y PINCH ARM L
DECK MECHANISM:					
1	TJ00371	ASS'Y MOTOR			
CASSETTE CHASSIS (TAPE 1):					
1	TJ00377	ASS'Y HOLDER HEAD			
2	TJ00378	FLAME HEAD			
3	TJ00379	LEVER HEAD			

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
9	TJ00389	ASSY PINCH ARM R	16	TJ00197	GUIDE PLATE ASS'Y (HCPS)
10	TJ00391	ARM PLAY L	17	TJ00198	L SENSOR PCB ASS'Y (HCPS)
11	TJ00392	GEAR PLAY	18	TJ00201	COVER PLATE SPR (HCPS)
12	TJ00393	ARM PLAY R	19	TJ00202	CHASSIS (HCPS)
13	TJ00394	CHASSIS OS.	20	TJ00203	LOCK LEVER SP (HCPS)
14	TJ00395	ASSY SUB REEL L	21	TJ00204	STOPPER (S) (HCPS)
15	TJ00396	SOLENOID	22	TJ00205	GUIDE R3 (S) (HCPS)
16	TJ00398	ARM RVS	23	TJ00206	DISC BASE BKT (HCPS)
17	TJ00399	GEAR FF	24	TJ00207	GUIDE R1 (S) (HCPS)
18	TJ00401	ASSY ARM FR	25	TJ00208	GUIDE R2 (S) (HCPS)
19	TJ00402	ASSY PULLEY FR	26	TJ00209	GUIDE L1 (S) (HCPS)
20	TJ00403	BELT FR	27	TJ00211	GUIDE L2 (S) (HCPS)
21	TJ00405	ASSY FLYWHEEL L	28	TJ00212	COVER PLATE B (S) (HCPS)
22	TJ00407	ARM BRAKE	29	TJ00213	DISC STOPPER (S) (HCPS)
23	TJ00408	ASSY SUB REEL R	30	TJ00214	GUIDE STOPPER A (S) (HCPS)
24	TJ00409	ARM TRIGGER	31	TJ00215	WIRE CLUMPER (HCPS)
25	TJ00411	GEAR CAM	32	TJ00217	COVER PLATE A (S) (HCPS)
26	TJ00413	ASSY FLYWHEEL R	33	TJ00218	LOCK LEVER (S) (HCPS)
27	TJ00457	WIRE (13P)	34	TJ00221	WORM GEAR BKT (HCPS)
28	TJ00418	SWITCH MODE	35	TJ00222	COLLAR SCREW (HCPS)
29	TJ00419	SWITCH (LEAF)	36	TJ00223	RF CLUTCH SP (HCPS)
30	TJ00421	HALL IC.	37	TJ00224	E CONTROL LEVER (S) (HCPS)
31	TJ00458	BELT MAIN	38	TJ00226	E GEAR G2 (S) B (HCPS)
32	TJ00429	SPRING	39	TJ00227	E GEAR G3 (HCPS)
33	TJ00431	SPRING	40	TJ00228	E GEAR G5 (HCPS)
34	TJ00432	SPRING	41	TJ00229	E GEAR G6 (HCPS)
35	TJ00433	SPRING	42	TJ00231	E GEAR G8 (HCPS)
36	TJ00434	SPRING	43	TJ00232	E GEAR G9 (HCPS)
37	TJ00435	SPRING	44	TJ00234	E GEAR G2 SPR (HCPS)
38	TJ00436	SPRING	45	TJ00235	E SENSOR SPR (HCPS)
39	TJ00437	SPRING	46	TJ00236	E GEAR G4 (S) (HCPS)
40	TJ00438	SPRING	47	TJ00237	E SENSOR BKT (S) (HCPS)
41	TJ00439	SPRING	48	TJ00239	FLOATING SPR SA (HCPS)
42	TJ00441	SPRING	49	TJ00241	FLOATING SPR SB (HCPS)
43	TJ00442	SPRING	50	TJ00242	L GEAR B (HCPS)
44	TJ00443	SPRING	51	TJ00243	L GEAR C (HCPS)
CD CHANGER MECHA:					
1	TJ00181	CLUMPER BKT ASS'Y (HCPS)	54	TJ00244	L GEAR D (HCPS)
2	TJ00182	CONNECTOR PCB ASS'Y (HCPS)	53	TJ00245	L GEAR E (HCPS)
3	TJ00183	DISC SENSOR PCB A AS (HCPS)	54	TJ00268	CUSHION RUBBER (HCPS)
4	TJ00184	DISC SENSOR PCB B AS (HCPS)	55	TJ00269	E GEAR G2 (S) A (HCPS)
5	TJ00185	COIL ASS'Y (HCPS)	56	TJ00251	M2*4 C TAPPING BIND (HCPS)
6	TJ00186	GEAR CHASSIS ASS'Y (HCPS)	57	3375522	C TAP. SCREW M2*4 (HCPS)
7	TJ00187	DISC CASE ASS'Y (HCPS)	58	3375501	C TAP. SCREW M2*5 (HCPS)
8	TJ00188	E SENSOR PCB ASS'Y (HCPS)	59	TJ00252	M2*6 TAPPING SCREW (HCPS)
9	TJ00189	E MOTOR ASS'Y (HCPS)	60	TJ00253	M2*3 TS. SG (HCPS)
10	TJ00191	LOADING PLATE ASS'Y (HCPS)	61	TJ00254	E RING S2.5 (HCPS)
11	TJ00192	DISC BASE ASS'Y (HCPS)	62	TJ00255	M2.6*4 +TAMS SCREW (HCPS)
12	TJ00193	TRAVERSE KSM - 2102 BAM (HCPS)	63	TJ00256	M2*6 CUP SCREW (+ -) (HCPS)
13	TJ00194	TT BASE HOLDER ASS'Y (HCPS)	64	TJ00257	PW CUT 1.85*5*0.5 (HCPS)
14	TJ00195	L GEAR BKT ASS'Y (HCPS)	65	3378929	PW CUT 2.6X6X0.5 (HCPS)
15	TJ00196	L MOTOR ASS'Y (HCPS)	66	TJ00258	PW CUT 3*6*0.5 (HCPS)
			67	TJ00259	HLW CUT 2.6*4.5*0.5 (HCPS)
			68	TJ00261	M2*4 P TAPPING BIND (HCPS)

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SYMBOL NO.	PART NO.	DESCRIPTION	SYMBOL NO.	PART NO.	DESCRIPTION
69	TJ00262	M2*6 P TAPPING SCREW (HCPS)			
70	TJ00263	M2*3.5 CAMERA SCRWS (HCPS)			
71	TJ00264	M2*8 TAPPING SCREW (HCPS)			
72	TJ00266	M2.6*5 TAPPING SCREW (HCPS)			
73	TJ00267	HLW CUT 2.1*5*0.13 (HCPS)			
ACCESSORIES					
	2759341	AM LOOP ANT			
	HL00191	Remote Controller			
	EF02131	SPF FM ANT [E, E(BS), E(Z)]			
	2757528	FM ANT [UC, W(AU)]			
Δ	EY00281	EDISON PLUG ADAPTOR [W, W(UN)]			

HITACHI

AX-C22 YS No. 0034E HITACHI CONSUMER PRODUCTS (S)
[UC, E, E(BS), E(Z), W, W(UN), W(AU)]

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