

Service Manual

Portable Stereo Component System

Radio Cassette



DOLBY SYSTEM



RX-FD55 Mechanism Series (AR300)

■ SPECIFICATIONS

General:

Power Requirement:	AC; 230~240 V, 50Hz Battery; 15V (10 UM-1, R20/LR20 batteries)
Power Consumption:	57W (AC only)
Power Output:	Woofer; 60W (30Wx2)...PMPO Tweeter; 20W (10Wx2)...PMPO
Speaker:	Woofer; 12cmx2PM Dynamic speaker (2.7Ω) Tweeter; 8cmx2PM Dynamic speaker (8Ω)
Input:	MIX MIC; 5mV/200~600Ω, Ø3.5 DC IN; 13.2V (12~15V) CD/AUX; 316mV/47kΩ
Outputs:	HEADPHONE; 32Ω, Ø3.5 SPEAKER; LOW; 2.7~8Ω HIGH; 8~16Ω
Dimensions:	641(W) x 255(H) x 232(D)mm Main unit; 313(W) x 255(H) x 232(D)mm Speaker box; 174(W) x 254(H) x 188(D)mm
Weight:	8.4kg without batteries

Radio Section:

Frequency Range:	FM; 87.5~108MHz LW; 144~288kHz MW; 522~1611kHz
Intermediate Frequency:	FM; 10.7MHz AM; 459 kHz
Sensitivity:	FM; 2.0µV/50mW output (-3dB Limit Sens.) LW; 160µV/m/50mW output MW; 140µV/m/50mW output

Tape Deck Section:

Frequency Range:	30~16,000 Hz (with normal tape) 30~17,000 Hz (with CrO ₂ tape)
Recording System:	AC bias, AC arese
Tape Speed:	4.8 cm/s
Monitor System:	Variable sound monitor
Track System:	4-track 2-channel stereo recording and playback

* Dolby noise reduction manufactured under license from Dolby Laboratories Corporation. "Dolby" and the double-D symbols are trademarks of Dolby Laboratories licensing Corporation.

Notes:

1. Weights and dimensions shown are approximate.
2. Designs and specifications are subject to change without notice.

Panasonic

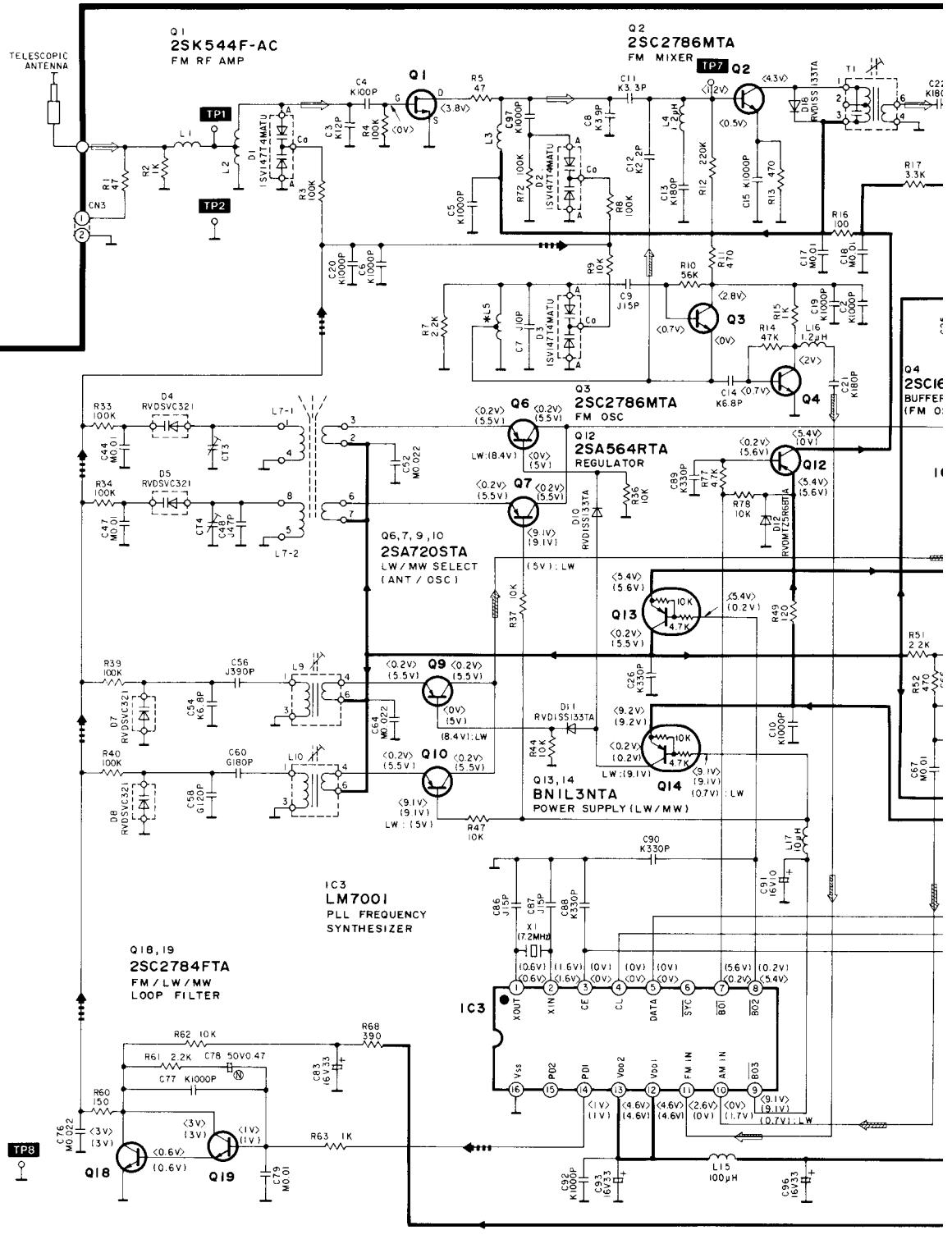
■ FUNCTION OF IC TERMINALS

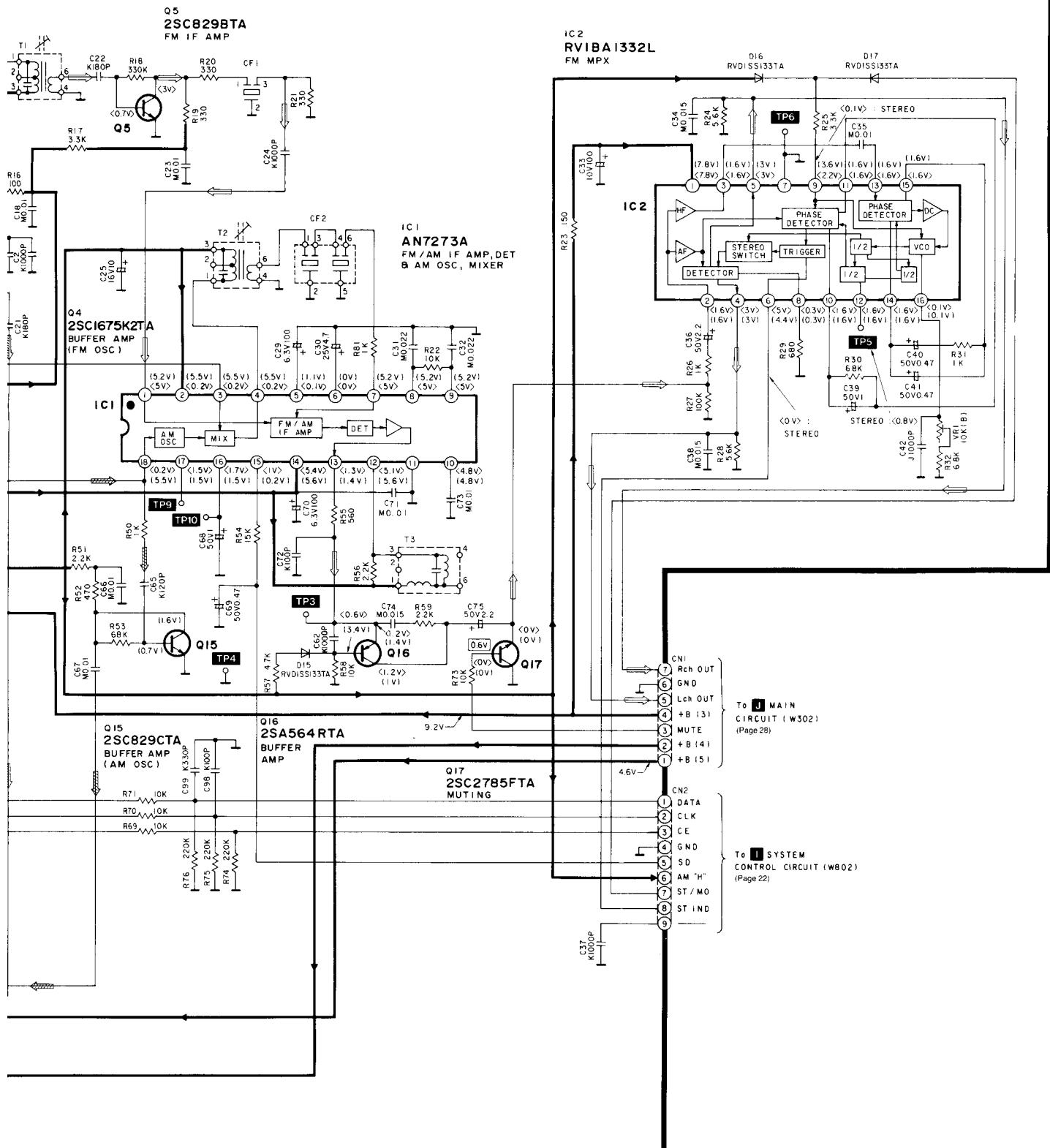
IC801 (UPD75308GB46)

Pin No.	Mark	I/O	Function
1 ~ 16	S12 ~ S27	○	Segment signal of LCD.
17	BP4/VR UP	○	Motor volume UP signal.
18	BP5 /VR DN	○	Motor volume DOWN signal.
19	BP6/LED BK	○	Motor volume BLINK signal.
20	BP7/C.E.	○	Chip enable signal for PLL.
21 ~ 24	COM0 ~ COM3	○	Common signal of LCD.
25	BIAS	-	Power supply bias control of LCD.
26 ~ 28	VLC0 ~ VLC2	-	
29 ~ 32	P40/D0 ~ P43/D3	○	Mechanism control signal.
33	VSS	-	GND terminal.
34	P50/SW2	○	Band signal for SW2.
35	P51/AUX	○	Input source select signal.
36	P52/RADIO		
37	P53/TAPE		
38	INT4	I	Remote signal input.
39	P01/CLOCK	○	Clock signal for PLL.
40	S0/DATA	○	Serial Data for PLL.
41	P03/N.C.	-	No connection.

Pin No.	Mark	I/O	Function
42	P12/AC	I	AC state signal input.
43	P11/BATT	I	Battery state signal input.
44	P12/SIG	I	Radio tuning signal.
45	P13/STEREO	I	Stereo signal input.
46	P20/MUTE	○	Audio mute signal.
47	P21/STD BY	○	Control signal for remote.
48	P22/PWR ON	○	Main switch control signal.
49	P23/B.P.	○	Beat proof.
50 ~ 53	P30/KS0 ~ P33/KS3	○	Key source.
54	VDD	-	+5V, Back up.
55 ~ 56	XT1, XT2/ SUB CLOCK	-	32.768kHz.
57	NC	-	No connection.
58 ~ 59	X1, X2/ MAIN CLOCK	-	4.19MHz
60 ~ 63	P60/KS4 ~ P63/KS7	○	Key source.
64 ~ 67	KR4 ~ KR7	I	Key source.
68	RST/RESET	I	Power on reset signal.
69 ~ 80	S0 ~ S11	○	Segment output.

A TUNER CIRCUIT

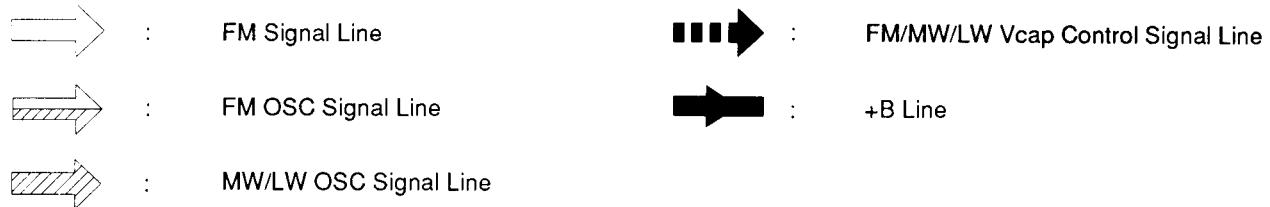




Notes:

- VR1: FM VCO adjustment VR.
- DC voltage measurements are taken with electronics voltmeter.
The negative terminal of the battery provides negative meter connection point.

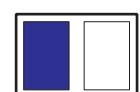
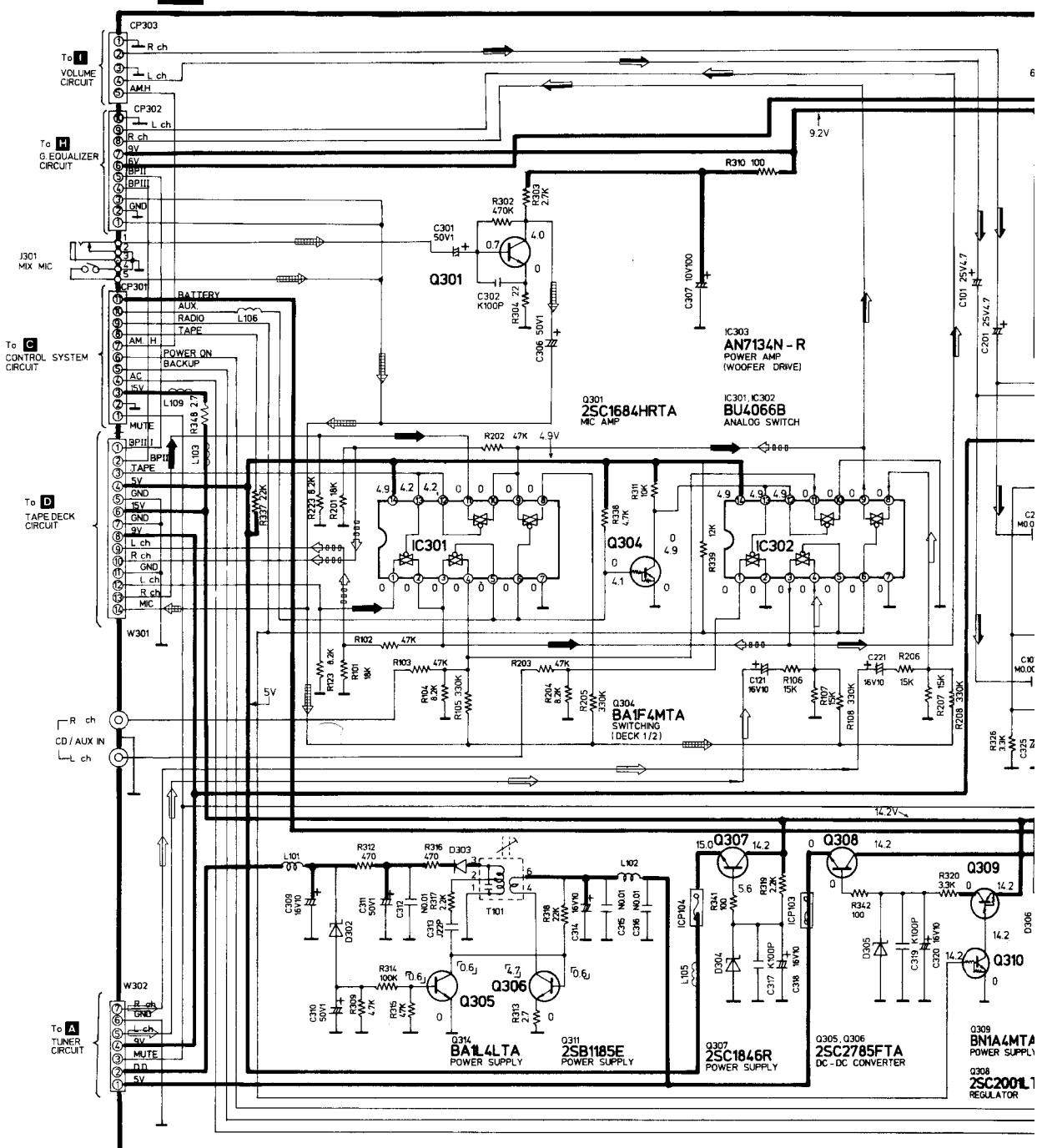
() MW/LW < > FM

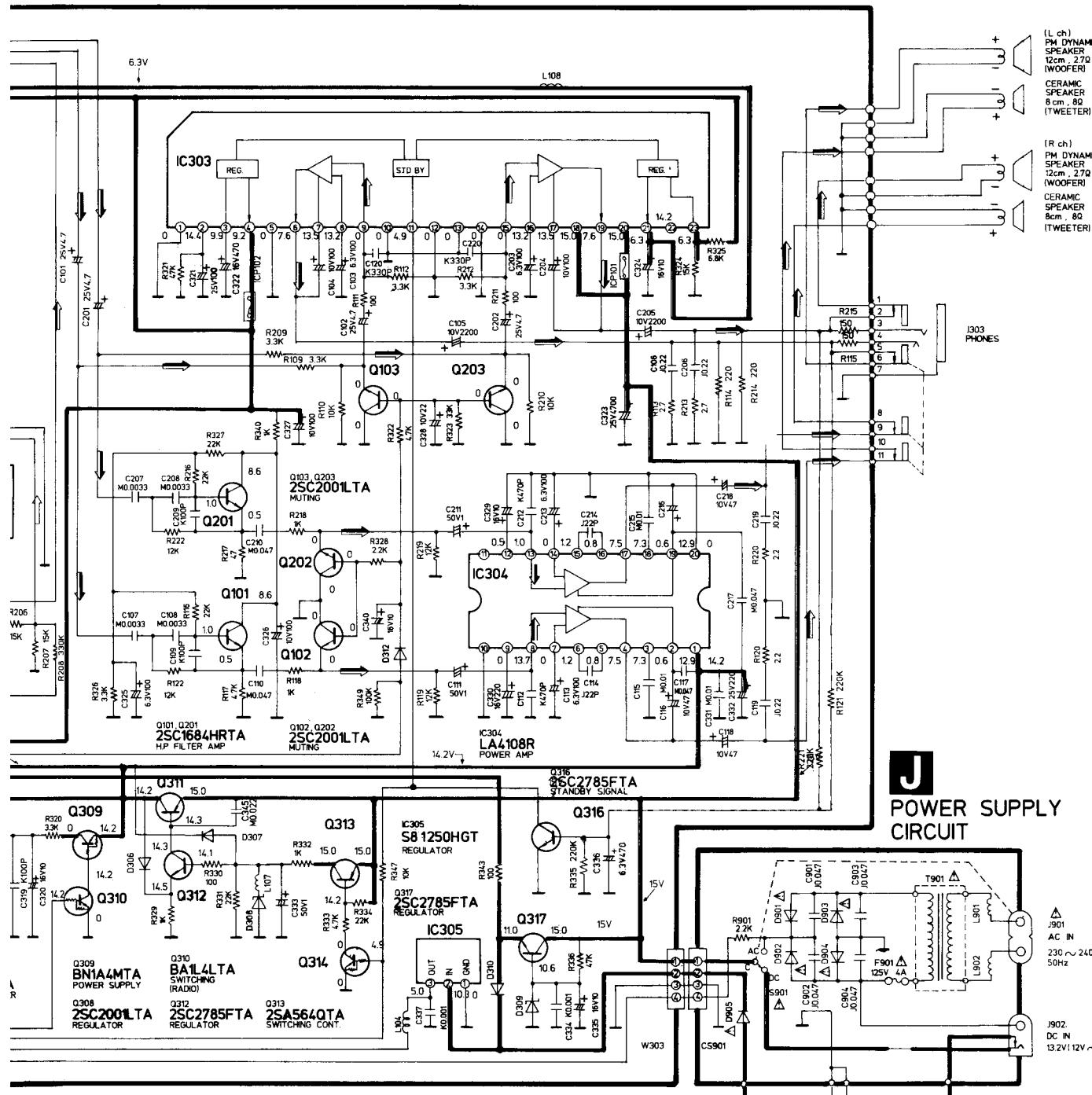


CXA1102M	M51167BFP	BU4066B	LM7001	AN7273A	LA4108R
BA7755	BA6418N	RVIBA1332L	BA3822LS-M	AN7134N-R	S8053HNB-T S81250HGT
LC7995-8502	UPD75308GB46	DN6851 ALB	BA1A4MTA BA1L4ZTA BA1L4MTA BA1F4ZTA	BN1L3NTA 2SC2784FTA 2SC2785FTA 2SC2786FTA BA1F4MTA BN1A4MTA BA1L4LTA	2SK301QTA
2SA720STA 2SC2001KTA	2SA952KTA 2SB621RTA 2SC829BTA 2SC1684HRTA 2SC1845FTA 2SC2001LTA 2SD965RTA				
1N5402BM21	1SV147T4MATU	RVDSVC321	SLR33VC160 SLR33MC160		RVDMTZ4R7BTA RVDMTZ5R6BTA RVDMTZ12BTA RVDMTZ6R8BTA RVDMTZ15ATA RVDMTZ10BTA RVDMTZ5R1BTA
RVD1SS133TA					

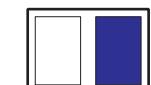
A

B MAIN CIRCUIT





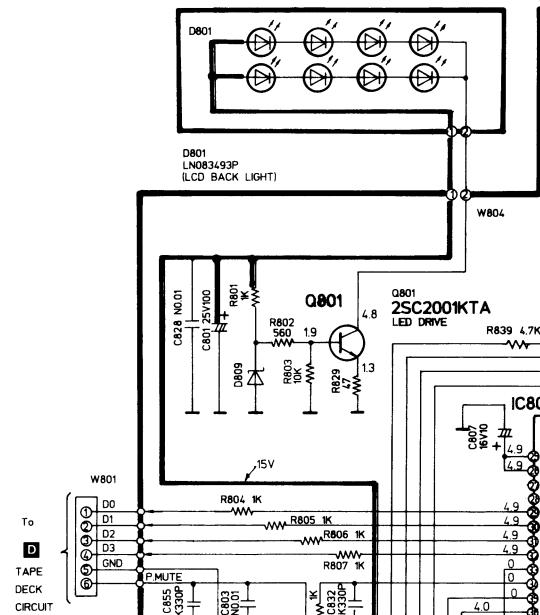
MAIN
MEMORY BACK-UP
FOR COMPUTER CLOCK
(BATTERY 10 "D" SIZE
(BATTERY 4 "AA" SIZE
BATTERIES 6V).



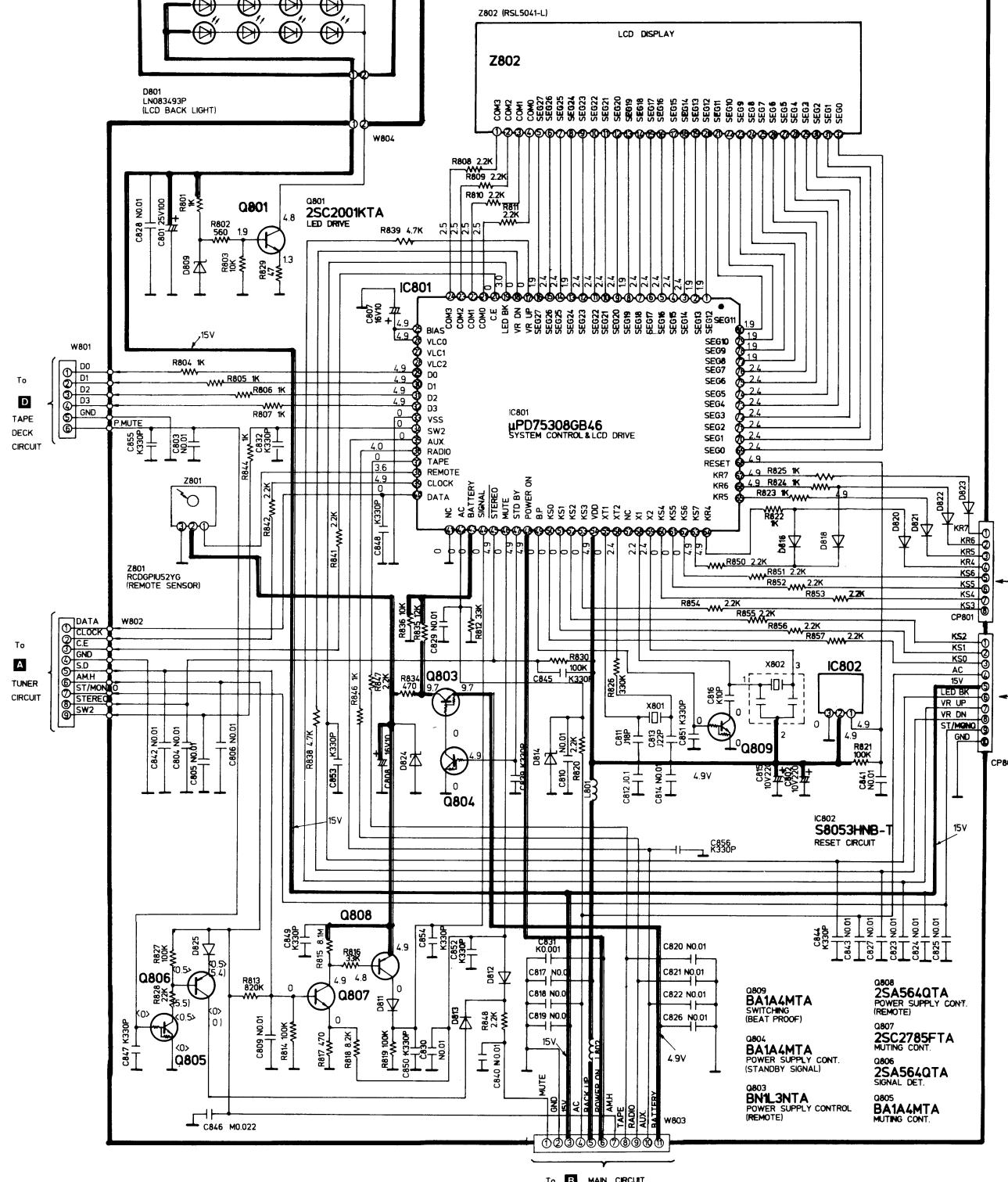
J901
AC IN
230~240V
50Hz

J902
DC IN
13.2V/12V~15V

LED BLOCK



C SYSTEM CONTROL CIRCUIT



CN351: KR7, KR6, KR5, KR4, KR3, KR2, KR1, KR0, AC, 5V, ED, ST, SF

CN353: KS2, KS1, KS0, AC, 5V, VR1, VR2, VR3, VR4, VR5

CP801

CP802

CP803

CP804

CP805

CP806

CP807

CP808

CP809

CP810

CP811

CP812

CP813

CP814

CP815

CP816

CP817

CP818

CP819

CP820

CP821

CP822

CP823

CP824

CP825

CP826

CP827

CP828

CP829

CP830

CP831

CP832

CP833

CP834

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CP836

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CP925110

CP925111

CP925112

CP925113

CP925114

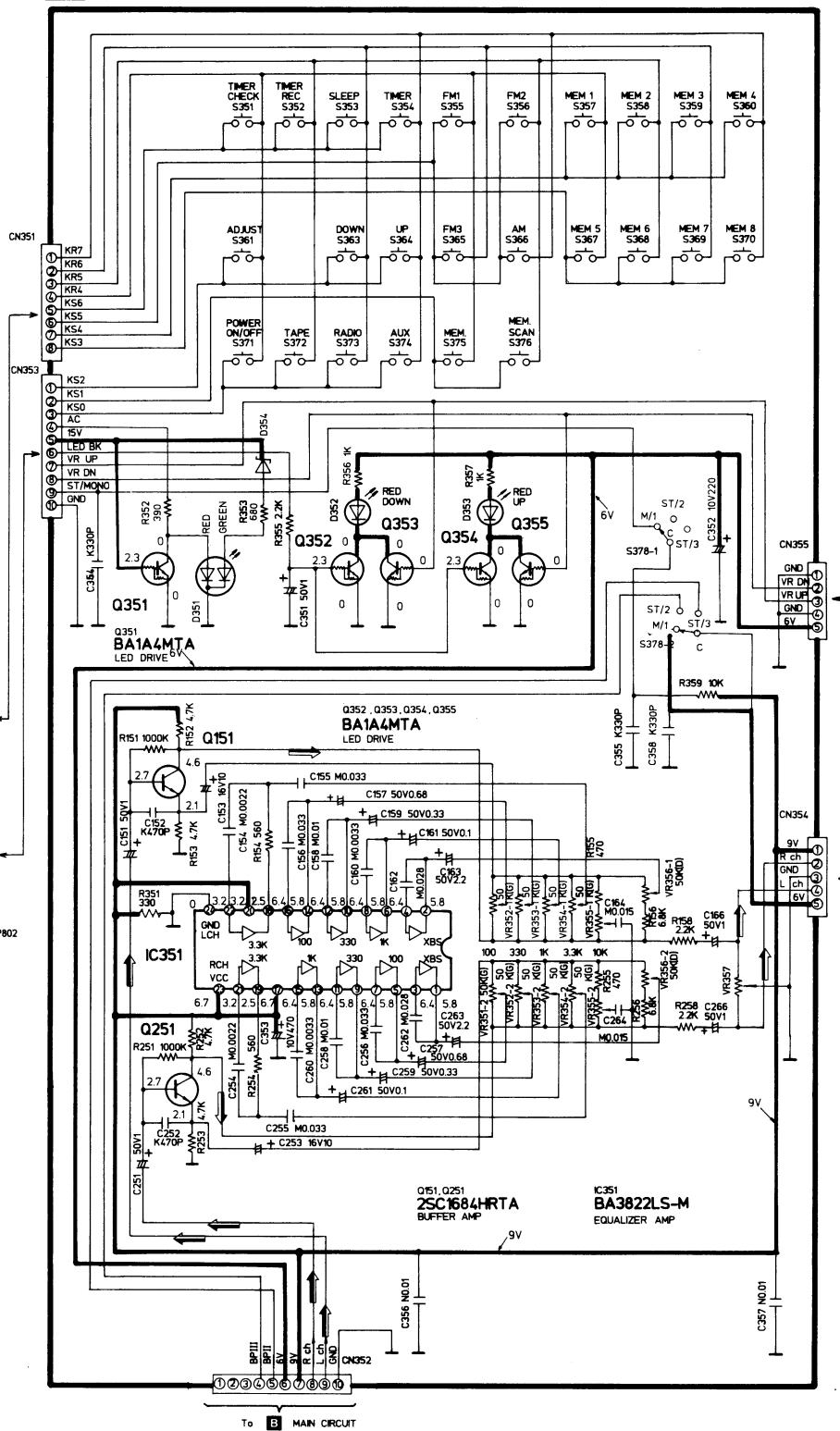
CP925115

CP925116

CP925117

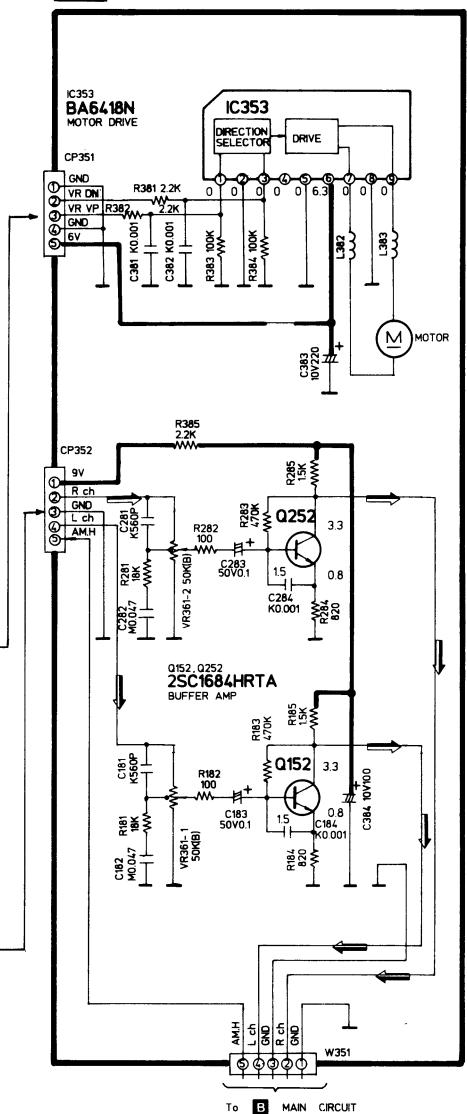
H

G. EQUALIZER CIRCUIT

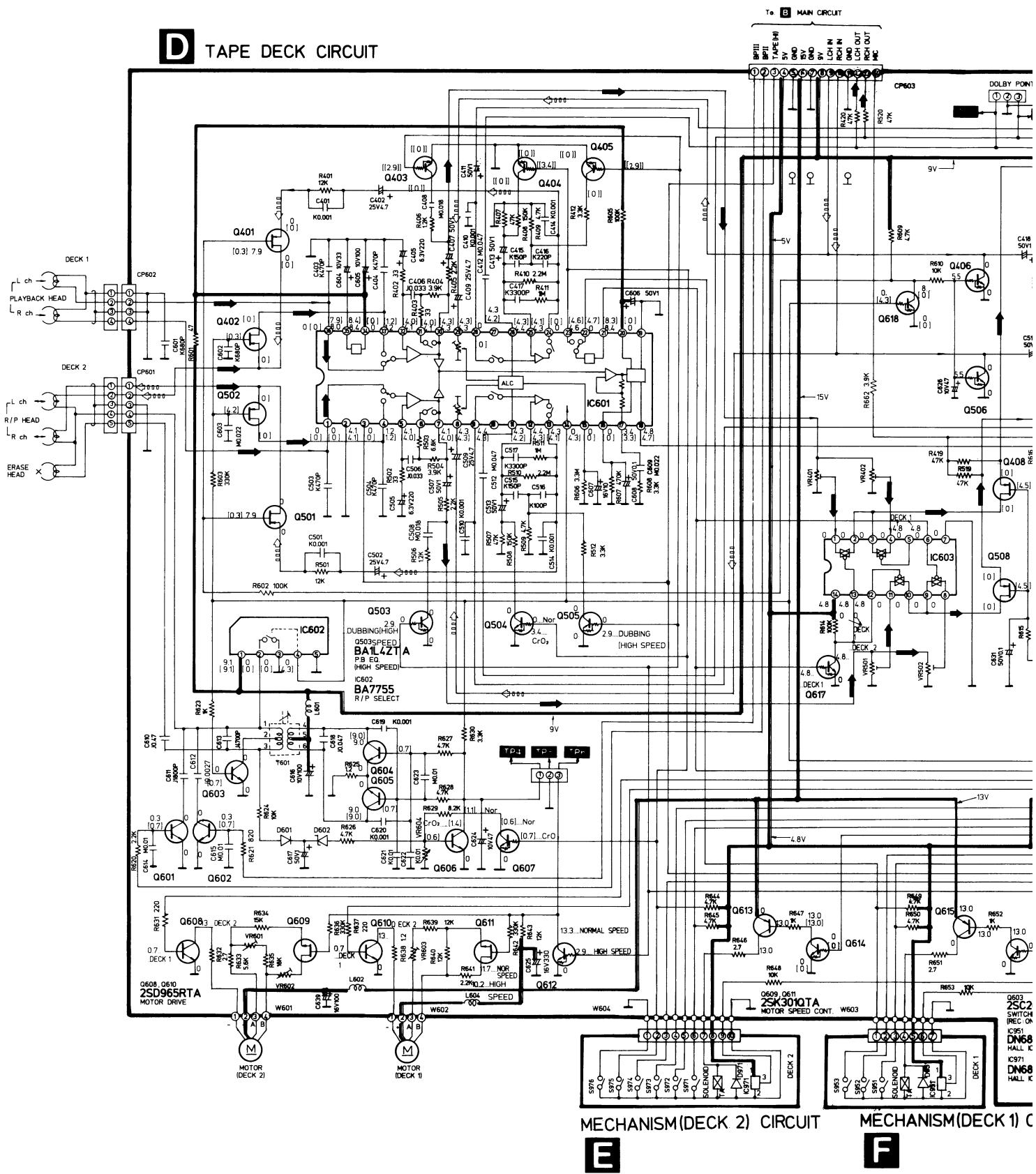


1

VOLUME CIRCUIT



D TAPE DECK CIRCUIT

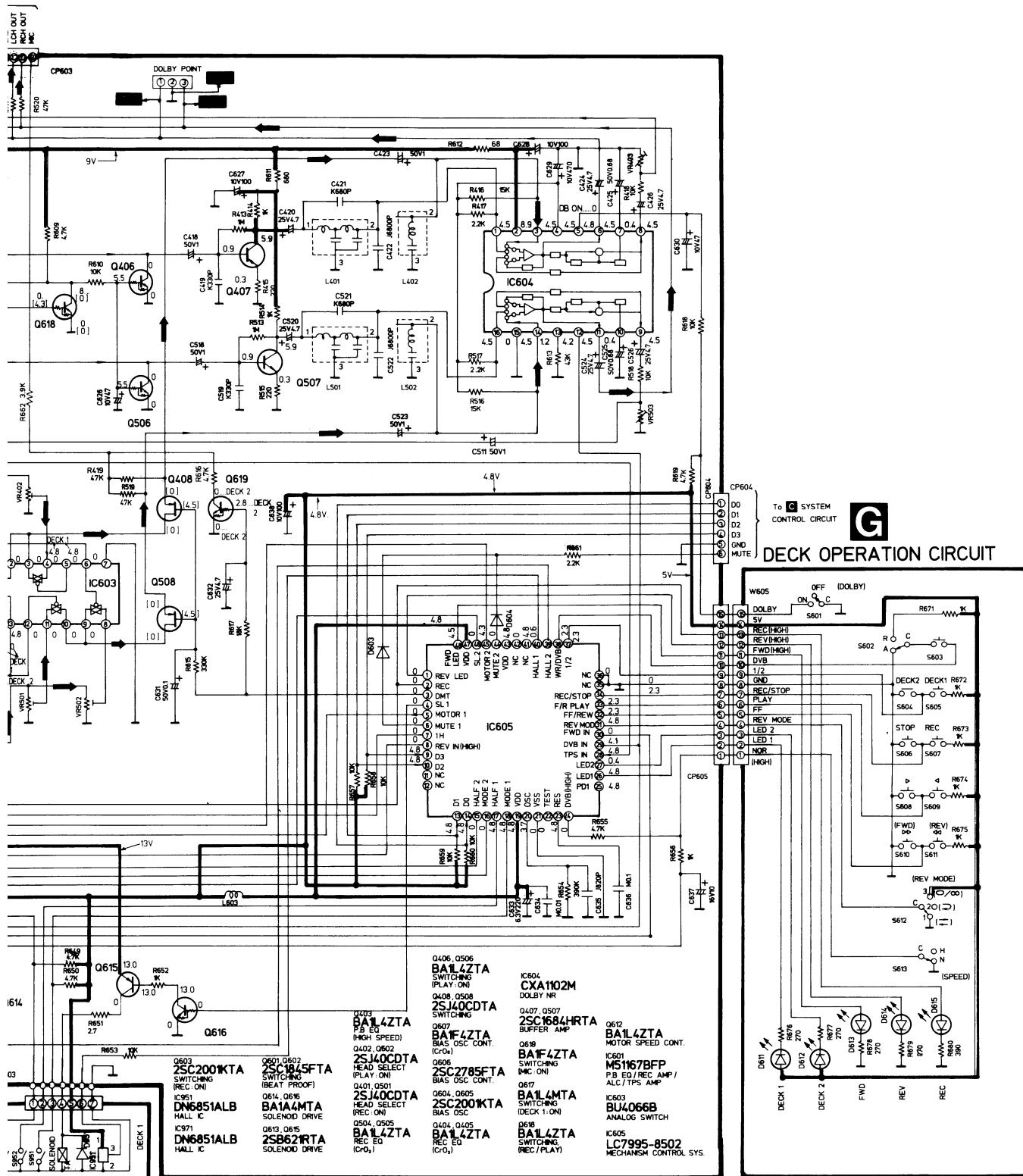


MECHANISM (DECK 2) CIRCUIT

E

MECHANISM(DECK 1) C

F



MECHANISM(DECK 1) CIRCUIT

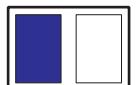
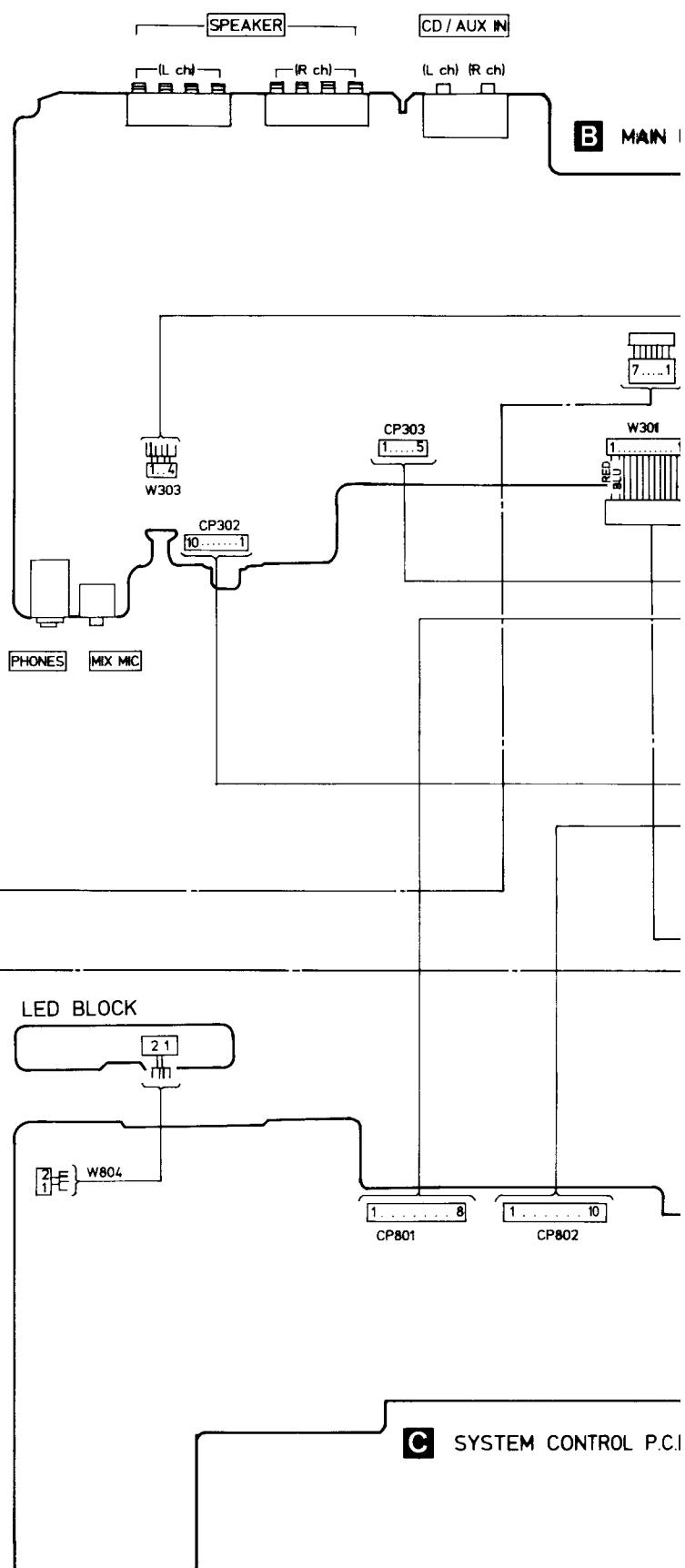
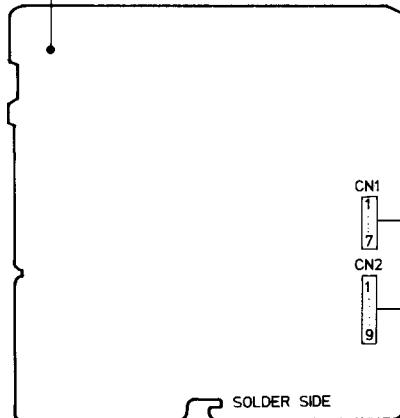
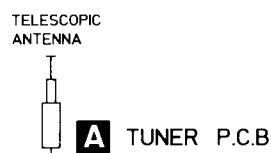
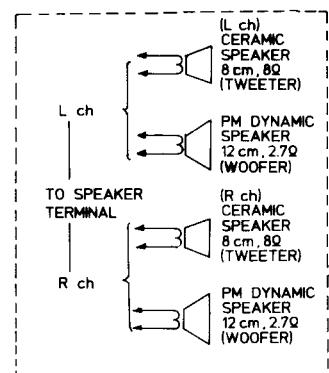
F

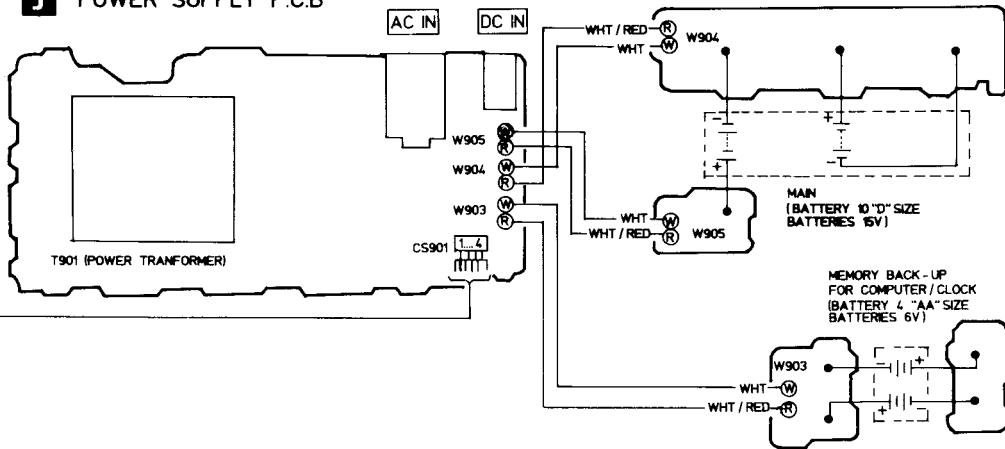
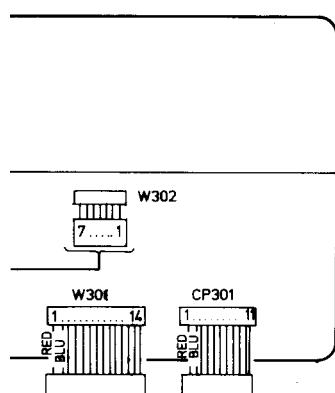
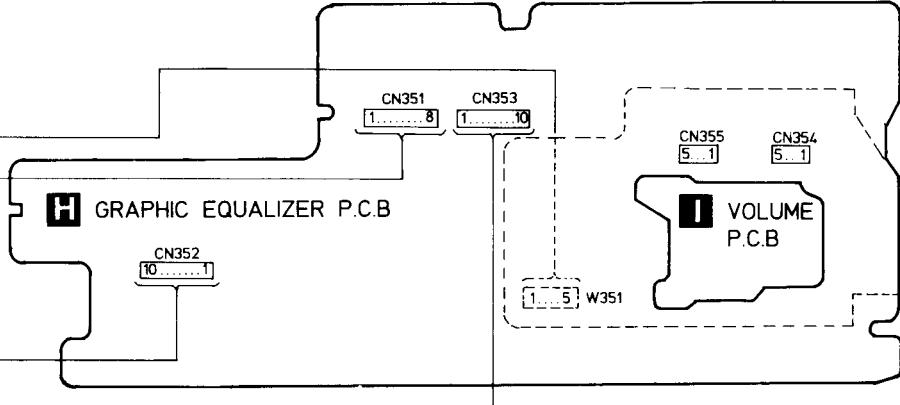
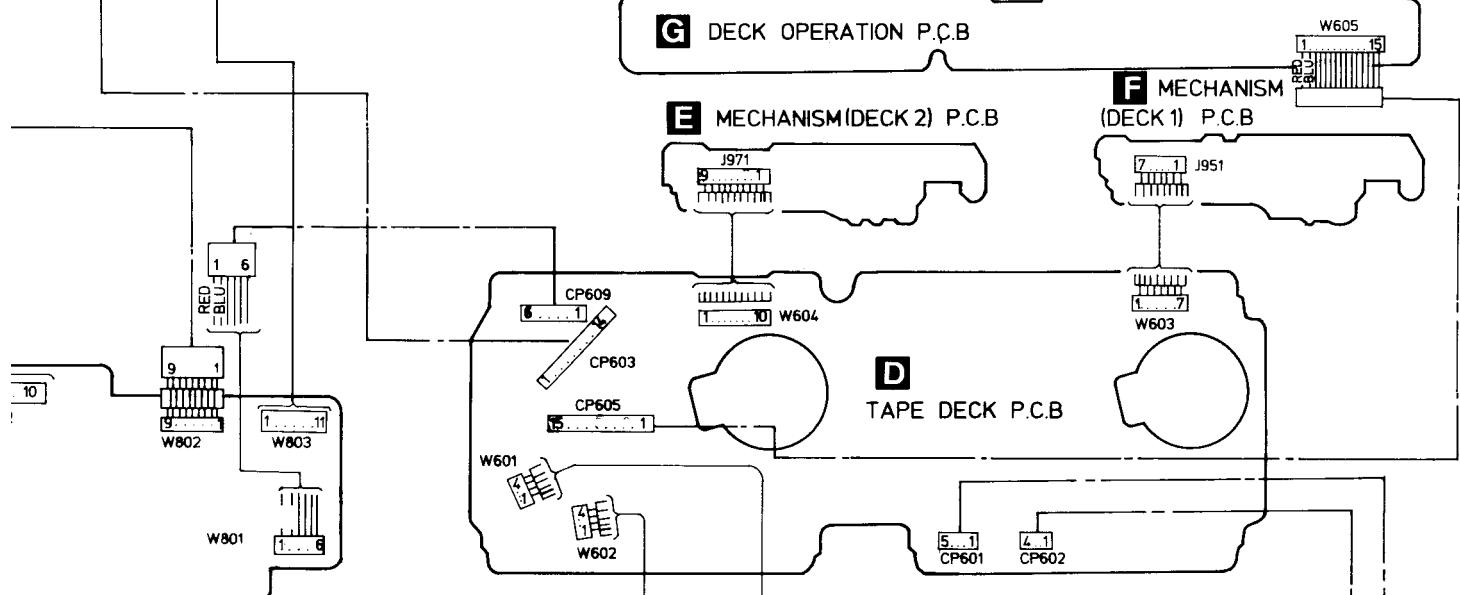


■ WIRE CONNECTION DIAGRAM

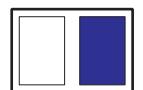
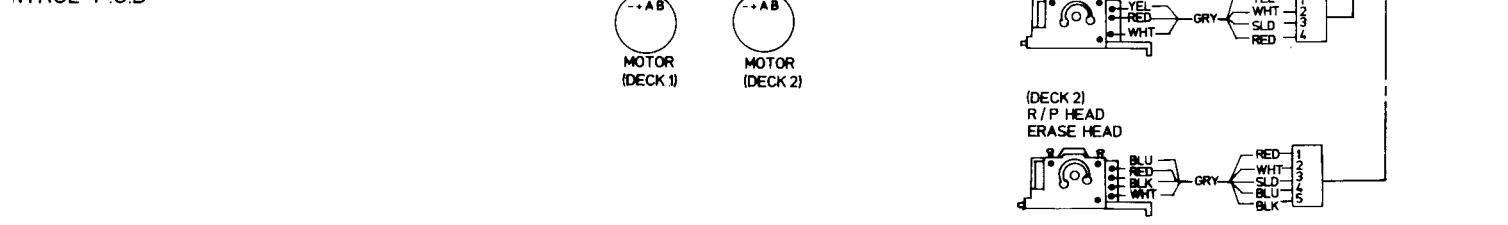
NOTES:

BLK Black
 BLU Blue
 BRN Brown
 GRY Gray
 GRN Green
 L. BLU Light Blue
 ORG Orange
 PNK Pink
 RED Red
 SLD Shield Wire
 VLT Violet
 WHT Wht
 YEL Yellow



J POWER SUPPLY P.C.B**B** MAIN P.C.B**H** GRAPHIC EQUALIZER P.C.B**G** DECK OPERATION P.C.B

NTROL P.C.B



■ MEASUREMENT AND ADJUSTMENTS

< TUNER SECTION >

■ ALIGNMENT INSTRUCTION

READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

- Set power source voltage to 15V DC.
- Set power switch to ON.
- Set function switch to TUNER-AM or FM.
- Set volume control to center.
- Set balance control to center.
- Set graphic equalizer control to center.
- Set S-XBS control to minimum.
- Output of signal generator should be no higher than necessary to obtain an output reading.

• AM-IF ALIGNMENT

SIGNAL GENERATOR or SWEEP GENERATOR		RADIO DIAL SETTING	INDICATOR (ELECTRONIC VOLTMETER or OSCILLOSCOPE)	ADJUSTMENT (Shown in Fig. 1)	REMARKS
CONNECTIONS	FREQUENCY				
Fashion a loop of several turns of wire and radiate a signal into the loop ant. of receiver.	459 kHz 30% Mod. at 400 Hz	Point of non-interference. (on/about 600 kHz)	Headphones Jack (32Ω) (Fabricate the plug as shown in Fig. 5 and then connect the lead wires of the plug to the measuring instrument.)	T2 (AM IFT)	Adjust for maximum output.

• LW-RF ALIGNMENT

Fashion a loop of several turns of wire and radiate a signal into the loop ant. of receiver.	144 kHz	Tuning capacitor fully closed.	"	L10 (LW OSC Coil)	Adjust for maximum output.
"	162 kHz	Tune to signal	"	(*) L7-1 (LW ANT Coil)	Adjust for maximum output. Adjust L7-1 by moving coil along the ferrite core.
"	270 kHz	"	"	CT4 (LW ANT Trimmer)	Adjust for maximum output.

(*) Fix antenna coil with wax after completing alignment.

• MW-RF ALIGNMENT

"	522 kHz	Tuning capacitor fully closed.	"	L9 (MW OSC Coil)	Adjust for maximum output.
"	603 kHz	Tune to signal.	"	(*) L7-2 (MW ANT Coil)	Adjust for maximum output. Adjust L7-2 by moving the ferrite core.
"	1404 kHz	"	"	CT3 (MW ANT Trimmer)	Adjust for maximum output.

(*) Cement antenna ferrite core with wax after completing alignment.

• FM-IF ALIGNMENT

SIGNAL GENERATOR or SWEEP GENERATOR		RADIO DIAL SETTING	INDICATOR (ELECTRONIC VOLTMETER or OSCILLOSCOPE)	ADJUSTMENT (Shown in Fig. 1)	REMARKS
CONNECTIONS	FREQUENCY				
Connect to test point TP7 through ceramic capacitor (0.001 μ F). Negative side to test point TP2 .	10.7 MHz (SWEEP)	Point of interference (on/about 90 MHz)	Connect vert. amp. scope to test point TP3 . Negative side to test point TP4 .	T1 (FM 1st)	Adjust for maximum amplitude.
"	"	"	"	T3 (FM 2nd)	Adjust for maximum amplitude.

RX-CT990**•FM DC BALANCE ALIGNMENT**

FM SIGNAL GENERATOR SOURCE CONNECTION	EQUIPMENT CONNECTION ELECTRONIC COUNTER	ADJUSTMENT (Shown in Fig. 1)	SPECIFICATION	REMARKS
98 MHz, 60 dB (CW) Connect to test point TP1 through FM dummy antenna. Negative side to TP2 .	TP9 ... (+) TP10 ... (-)	T3	0±30 mV	Adjust T3, for 0±30 mV reading on DC voltmeter.

•FM SEPARATION ALIGNMENT

FM SIGNAL GENERATOR SOURCE CONNECTION	EQUIPMENT CONNECTION ELECTRONIC COUNTER	ADJUSTMENT	SPECIFICATION	REMARKS
98 MHz, 60 dB (CW) Connect to test point TP1 through FM dummy antenna. Negative side to TP2 .	TP5 ... (+) TP6 ... (-)	VR1	19 kHz	Adjust VR1, for 19 kHz ±50 Hz reading on frequency counter.

The parts other than the ones listed below are aligned at the factory before they are supplied.

Therefore, alignment of those parts is unnecessary when used for replacement.

<CASSETTE DECK SECTION>**•ALIGNMENT INSTRUCTION**

READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT	
•Set power source voltage to 15 V DC. •Set power switch to ON. •Set function switch to TAPE. •Set volume control to center.	•Set tone graphic equalizer to center. •Set S-XBS control to minimum. •Output of signal generator should be no higher than necessary to obtain an output reading.

•HEAD AZIMUTH ALIGNMENT

TEST TAPE	INDICATOR ELECTRONIC VOLTMETER or OSCILLOSCOPE	ADJUSTMENT	SPECIFICATION	REMARKS
QZZCFM (8 kHz, -20 dB)	Headphones Jack (32Ω) (Fabricate the plug shown in Fig. 5 and then connect the lead wires of the plug to the measuring instrument.)	Azimuth Screw (Shown in Fig. 3.)	maximum output.	1. Playback mode. 2. Adjust for maximum output.

•TAPE SPEED ALIGNMENT

TEST TAPE	INDICATOR ELECTRONIC VOLTMETER or OSCILLOSCOPE	ADJUSTMENT	REMARKS
QZZCWAT (3 kHz, -10 dB)	Headphones Jack (32Ω) (Fabricate the plug shown in Fig. 5 and then connect the lead wires of the plug to the measuring instrument.)	DECK 2 HIGH SPEED VR301 DECK 1 NORMAL SPEED VR303 DECK 2 NORMAL SPEED VR302 (Shown in Fig. 2.)	1. Short the test point TP1 and TP2 , TP2 and TP3 to set the high speed mode. 2. Insert test tape (QZZCWAT) in DECK 1 and start playback in forward direction. •This frequency is defined as F . 3. Insert test tape (QZZCWAT) in DECK 2 and start playback in forward direction. 4. Adjust VR301 until the frequency is set to F±40 Hz . 5. Open the test point TP1 and TP2 , TP2 and TP3 to set the normal speed mode. 6. Insert test tape (QZZCWAT) in DECK 1 and start playback in forward direction. 7. Adjust VR303 until the frequency is set to 3000±40 Hz . 8. Insert test tape (QZZCWAT) in DECK 2 and start playback in forward direction. 9. Adjust VR302 until the frequency is set to 3000±40 Hz .

● RECORD BIAS CHECK

TEST TAPE	INDICATOR ELECTRONIC VOLTMETER or OSCILLOSCOPE	ADJUSTMENT	SPECIFICATION	REMARKS
Use CrO ₂ tape and Normal tape	TP6 ... (+) TP4 ... (-) (Shown in Fig. 4.)	—	CrO ₂ ...18.5±1 mV Normal...13±1 mV	• Record mode

● ALIGNMENT POINT

- Please refer to Circuit Board and Wiring Connection Diagram for test point locations.

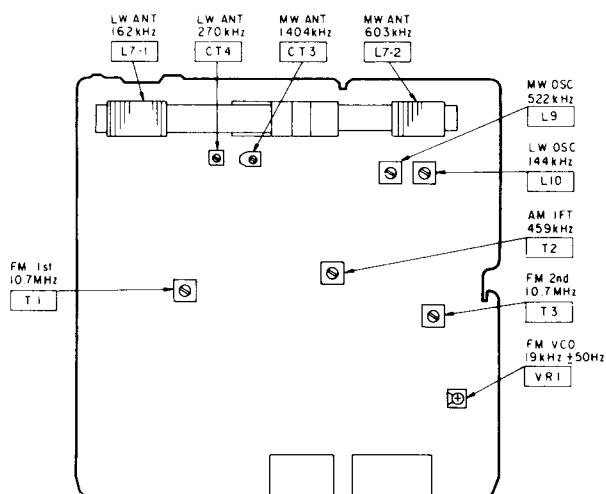


Fig. 1.

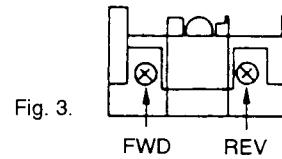
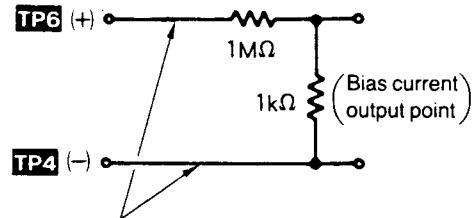


Fig. 3.



Keep these cords short. (Line capacitance: 3 pF or less)

- In order not to influence the bias oscillation, divide the voltage with 1 MΩ and 1kΩ resistors, and measure the voltage across the 1kΩ resistor.

Fig. 4.

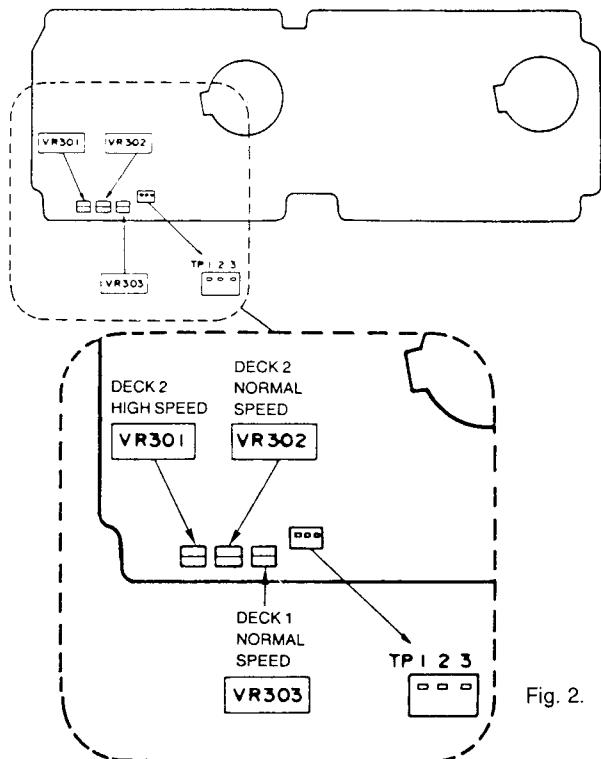


Fig. 2.

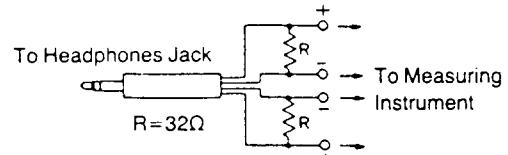


Fig. 5.

■ MECHANISM PARTS LOCATION

1

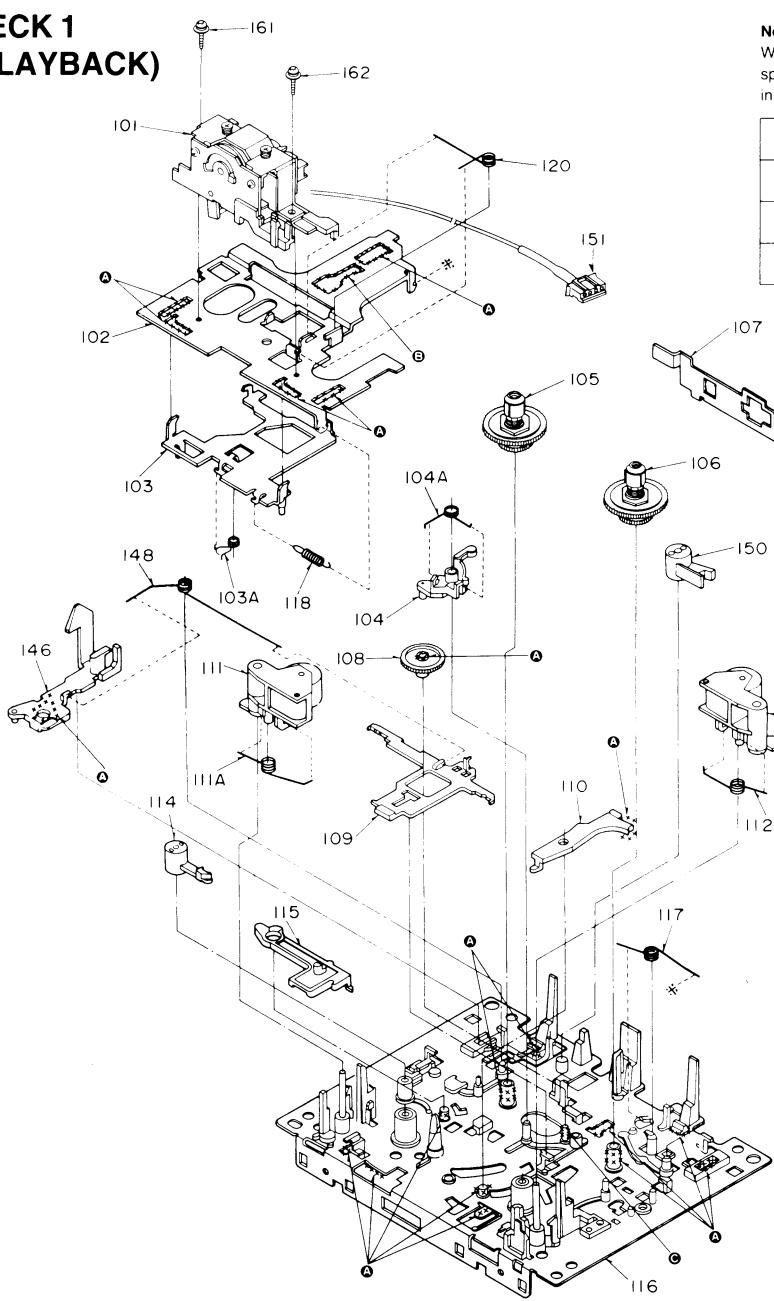
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3

4

5

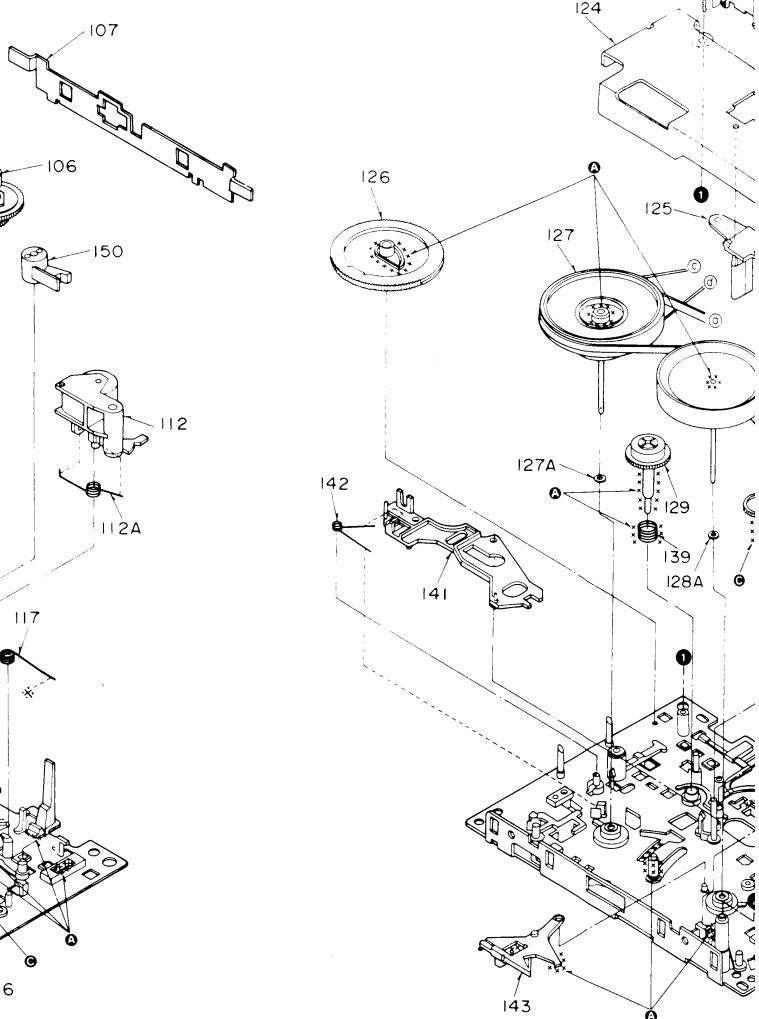
DECK 1 (PLAYBACK)



Note:

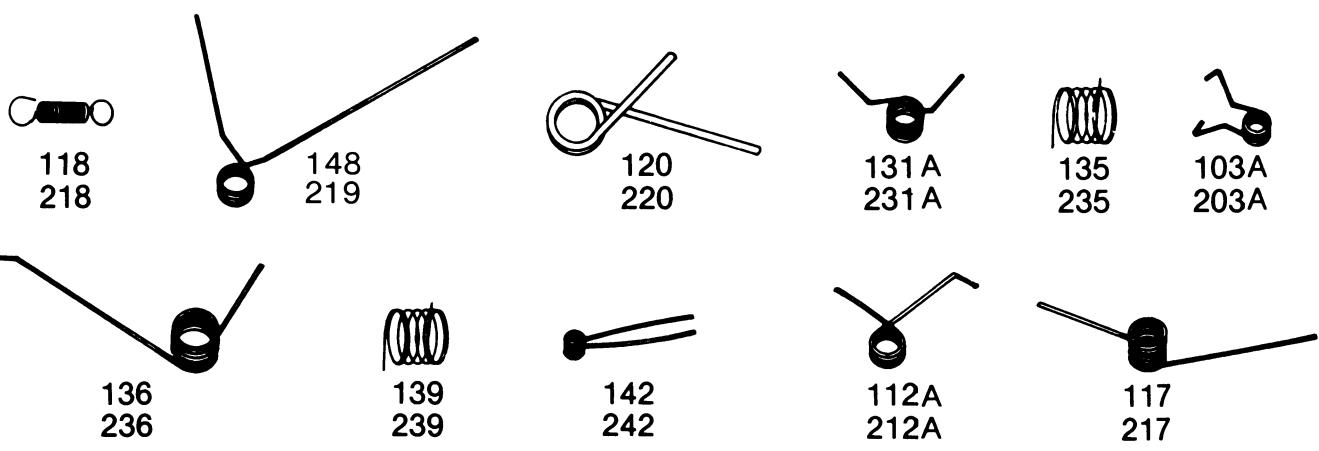
When changing mechanism parts, apply the specified grease to areas marked "XX" as shown in the drawing.

Mark	Part No.
A	SZZOL18
B	SZZOL05
C	RZZOL02



■ SPRING ILLUSTRATION

The spring illustration used shows the actual size so it can be used to check the shape of the spring. (The illustration shows the spring separated from the mechanism.)



5

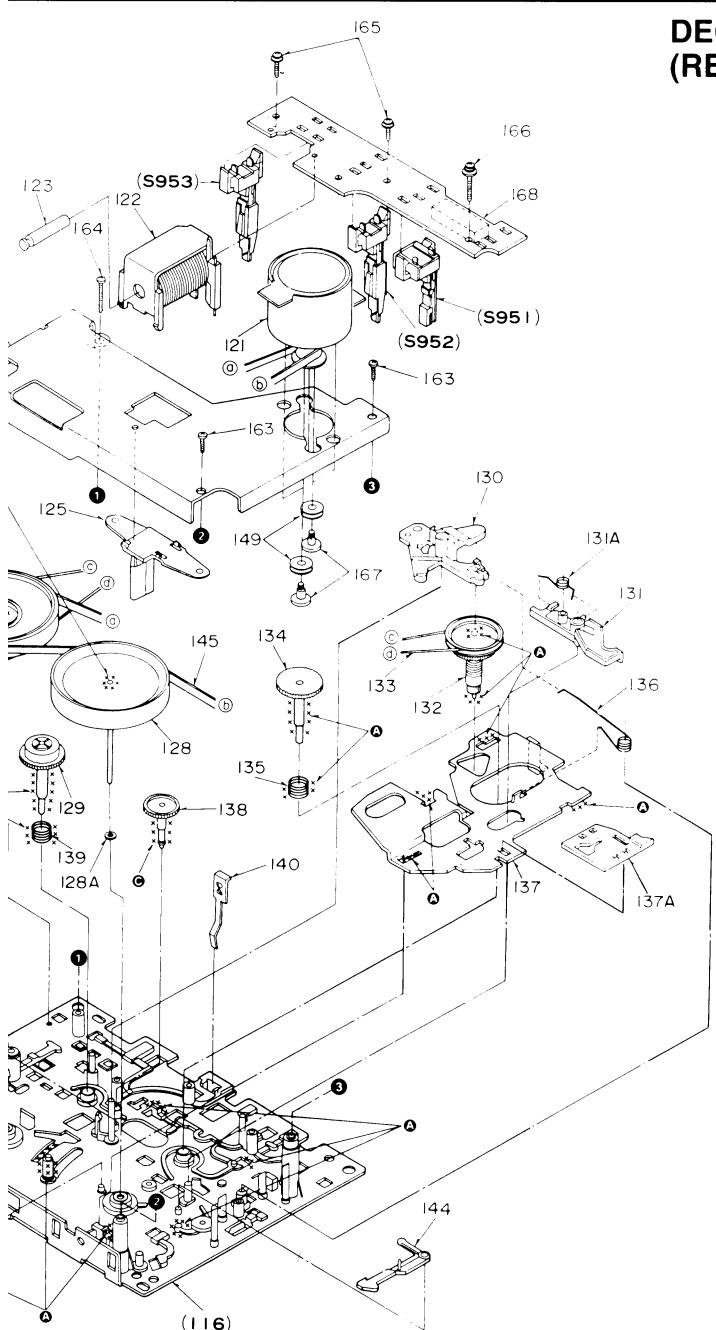
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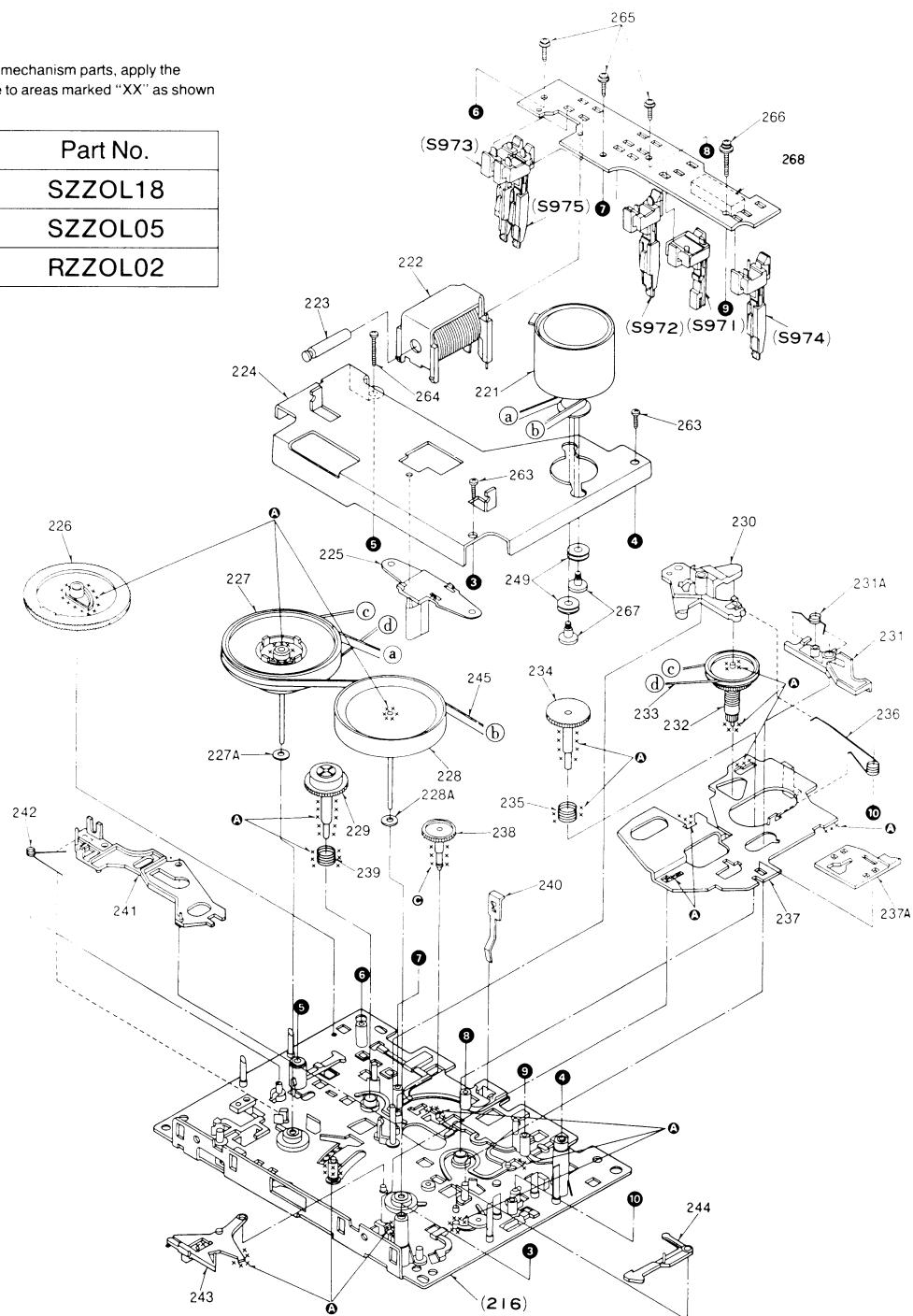
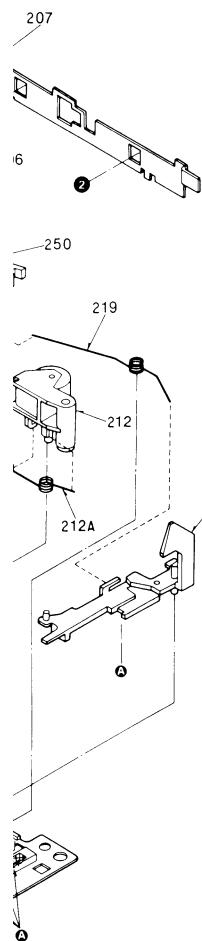
DECK 2 (REC/PLAYBACK)



Note:

When changing mechanism parts, apply the specified grease to areas marked "XX" as shown in the drawing.

Mark	Part No.
A	SZZOL18
B	SZZOL05
C	RZZOL02



Ref No.	Part No.	Part Name & Description	Remarks	Ref No.	Part No.	Part Name & Description	Remarks
		MECHANISM PARTS		142	RUW147ZA	SPRING	
		DECK 1(P.B)		143	RUB515ZA	LEVER	
				144	RUB509ZA	LEVER	
101	RXQ0051	HEAD ASS'Y		145	RDV108ZA	BELT	
102	RUA793ZF	CHASSIS		146	RUB507ZD	LEVER	
103	RZLAR300A	LEVER ASS'Y		148	RUW144ZA	SPRING	
103A	RUW143ZA	SPRING		149	RHG3032ZA	RUBBER	
104	IUB0089Z	ARM		150	RNL180ZB	LEVER	
104A	RUW148ZA	SPRING		151	REX0074	CABLE ASS'Y	
105	1DM0018ZB	REEL TABLE ASS'Y		161	XTW2+6L	SCREW	
106	1DM0017ZB	REEL TABLE ASS'Y		162	XTW2+8L	SCREW	
107	RML0069-1	LEVEL		163	XTN26+7J	SCREW	
108	RDG5772ZC	GEAR		164	RHE5203ZA	SCREW	
109	RUB508ZB	LEVER		165	XTW2+8S	SCREW	
110	RUB506ZB	LEVER		166	XYC2+JF16	SCREW	
111	IUB0088ZB	PINCH ROLLER		167	RHD26002	SCREW	
111A	RUW141ZA	SPRING		168	RJS7T7ZA	CONNECTOR(J951)	
112	IUB0087ZB	PINCH ROLLER					
112A	RUW140ZB	SPRING				DECK 2 (R/P)	
114	RNL1ZD	ARM					
115	RUB503ZD	LEVER		201	RXQ0007	HEAD ASS'Y	
116	RZUAR300A	CHASSIS ASS'Y		202	RUA793ZF	CHASSIS	
117	RUW142ZA	SPRING		203	RZLAR300A	LEVER ASS'Y	
118	RUD105ZA	SPRING		203A	RUW143ZA	SPRING	
120	RUW139ZA	SPRING		204	IUB0089Z	ARM	
121	RFM133ZA	MOTOR ASS'Y		204A	RUW148ZA	SPRING	
122	IUE0015ZB	PLUNGER		205	1DM0018ZB	REEL TABLE ASS'Y	
123	RUB428ZE	SHAFT		206	1DM0017ZB	REEL TABLE ASS'Y	
124	RUL1030YA	PLATE		207	RML0069-1	LEVER	
125	RMD5014ZC	SPACER		208	RDG5772ZC	GEAR	
126	RDG5927ZG	GEAR		209	RUB508ZB	LEVER	
127	1DW0037ZB	FLYWHEEL ASS'Y		210	RUB506ZB	LEVER	
127A	RNW139ZA	WASHER		211	IUB0088ZB	PINCH ROLLER	
128	1DW0038ZB	FLYWHEEL ASS'Y		211A	RUW141ZA	SPRING	
128A	RNW138ZA	WASHER		212	IUB0087ZB	PINCH ROLLER	
129	1DG0006ZB	GEAR ASS'Y		212A	RUW140ZB	SPRING	
130	RUB513ZD	LEVER		213	RUB507ZD	LEVER	
131	IUB0091Z	LEVER		214	RNL1ZD	ARM	
131A	RUW146ZA	SPRING		215	RUB503ZD	LEVER	
132	1DR0011ZB	PULLEY ASS'Y		216	RZUAR300A	CHASSIS ASS'Y	
133	RDV90ZB	BELT		217	RUW142ZA	SPRING	
134	RDG5769ZA	GEAR		218	RUD105ZA	SPRING	
135	RUQ111ZB	SPRING		219	RUW144ZA	SPRING	
136	RUW145ZA	SPRING		220	RUW139ZA	SPRING	
137	IUB0090ZA	ROD		221	RFM133ZA	MOTOR ASS'Y	
137A	RUB512ZB	ROD		222	IUE0015ZB	PLUNGER	
138	RDG5773ZB	GEAR		223	RUB428ZE	SHAFT	
139	RUQ112ZA	SPRING		224	RUL1030YA	PLATE	
140	RUS609ZC	SPRING		225	RMD5014ZC	SPACER	
141	RUB514ZC	LEVER		226	RDG5927ZG	GEAR	

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Ref No.	Part no.	Part Name & Description	Remarks
227	1DW0037ZB	FLYWHEEL ASSEMBLY	
227A	RNW139ZA	WASHER	
228	1DW0038ZB	FLYWHEEL ASSEMBLY	
228A	RNW138ZA	WASHER	
229	IDG0006ZB	GEAR ASSEMBLY	
230	RUB513ZD	LEVER	
231	1UB0091Z	LEVER	
231A	RUW146ZA	SPRING	
232	1DR0011ZB	PULLEY ASSEMBLY	
233	RDV90ZB	BELT	
234	RDG5769ZA	GEAR BELT	
235	RUQ111ZB	SPRING	
236	RUW145ZA	SPRING	
237	1UB0090ZA	ROD	
237A	RUB512ZB	ROD	
238	RDG5773ZA	GEAR	
239	RUQ112ZA	SPRING	

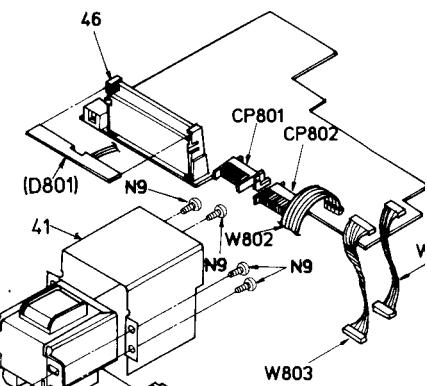
Ref No.	Part no.	Part Name & Description	Remarks
240	RUS609ZC	SPRING	
241	RUB514ZC	LEVER	
242	RUW147ZA	SPRING	
243	RUB515ZA	LEVER	
244	RUB509ZA	LEVER	
245	RDV108ZA	BELT	
249	RHG3032ZA	RUBBER	
250	RNL180ZB	LEVER	
251	REX0062	CABLE ASSEMBLY	
261	XTW2+6L	SCREW	
262	XTW2+8L	SCREW	
263	XTN26+7J	SCREW	
264	RHE5203ZA	SCREW	
265	XTW2+8S	SCREW	
266	XYC2+JF16	SCREW	
267	RHD26002	SCREW	
268	RJS9T7ZA	SOCKET (J971)	

■ CABINET PARTS LOCATION

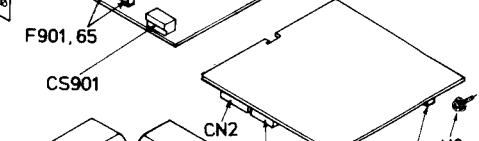
RX-CT990

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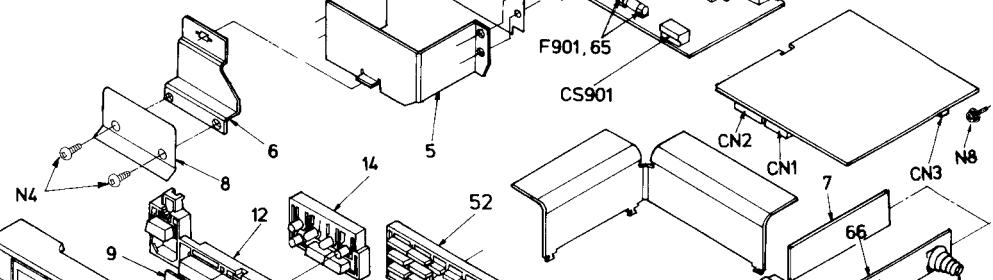
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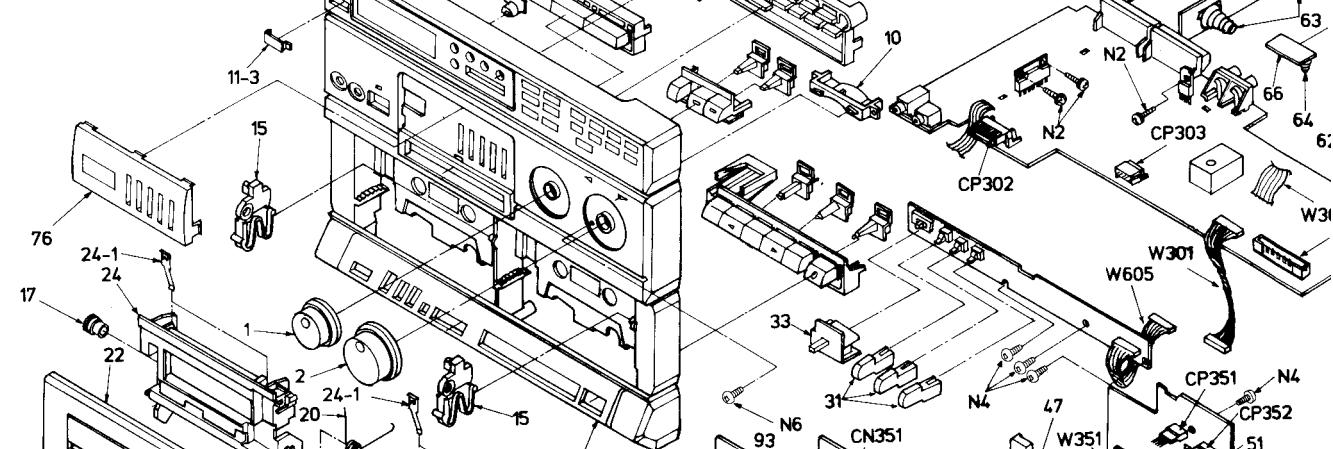
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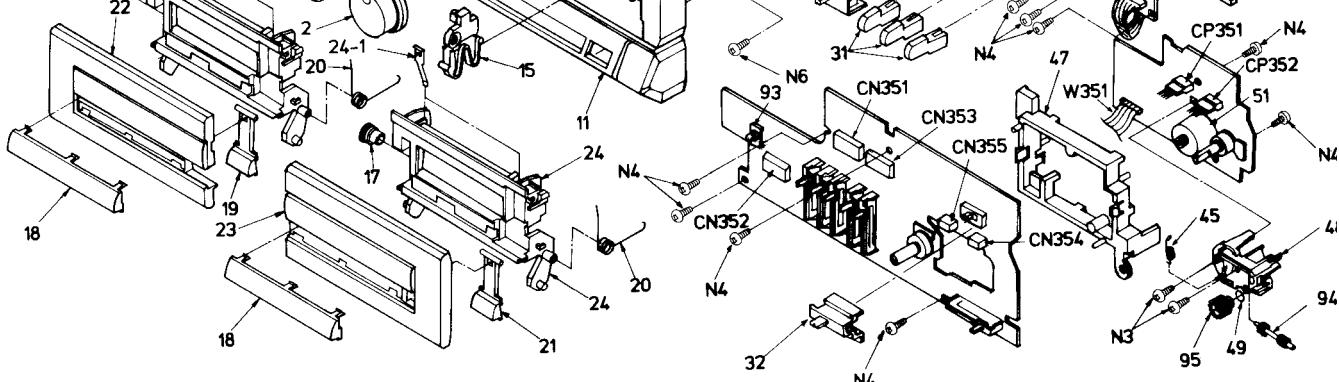
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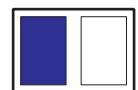
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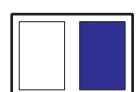
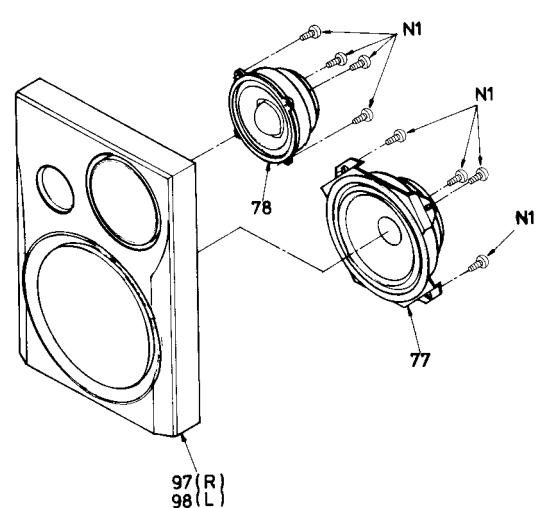
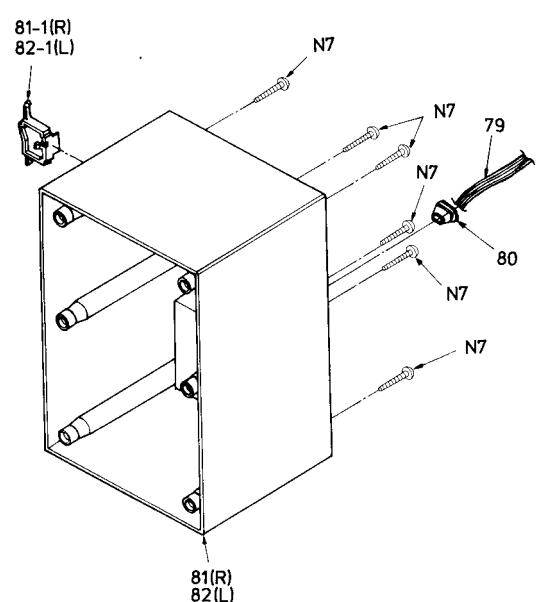
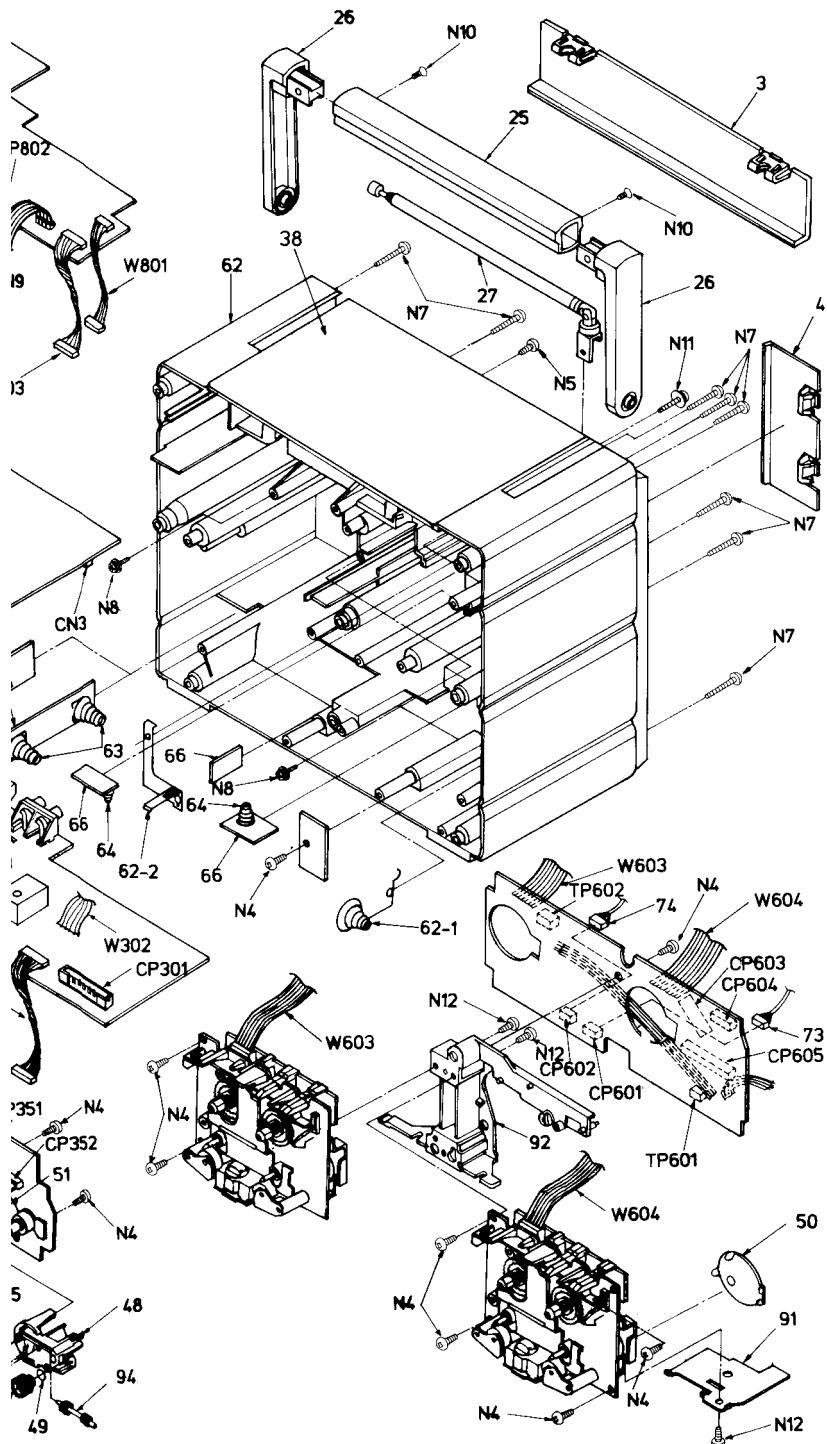


E



F





■ REPLACEMENT PARTS LIST

Notes: *Important safety notice:

Components identified by Δ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

*Bracketed indications in Remarks columns specify the area (Refer to the first page for area).

Parts without these indications can be used for all areas.

*[M] Indicates in the remarks columns parts that are supplied by **MESA**.

Ref No.	Part No.	Part Name & Description	Remarks	Ref No.	Part No.	Part Name & Description	Remarks
		CABINET & CHASSIS		48	RUA867ZB	VR CHASSIS	
				49	RUD129XA	SPRING	
1	RGW0103-II	KNOB, XBS	[M]	50	RSCX0002	MOTOR SHIELD PLATE	
2	RGW0112-II	KNOB, VR	[M]	51	RFM156ZA	MOTOR ASS'Y	
3	RKK0035-II	BATTERY COVER	[M]	52	RGU0559-II	BUTTON, TUNER	[M]
4	RKK347ZB-7	BATTERY COVER	[M]	62	RFKJIXCT990EB	REAR CABINET ASS'Y	[M][EB]
5	RMA0487	SUPPORT PLATE	[M]	62	RFKJIXCT990EG	REAR CABINET ASS'Y	[M][EG]
6	RMA0494	POWER TRANS. PLATE	[M]	62-1	RJC91003-1	BATTERY TERMINAL	[M]
7	RMX0053	SPACER	[M]	62-2	RJR0074	ANTENNA TERMINAL	[M]
8	RSC0172	SHIELD PLATE	[M]	63	RJC511ZBS	BATTERY SPRING (UM-1)	[M]
9	RGL0097-Q	POWER LED PANEL	[M]	64	RJC70031YB	BATTERY SPRING (UM-3)	[M]
10	RGL0119-C	VR LED PANEL	[M]	65	RJF28ZA	FUSE HOLDER	Δ
11	RFKGXCT990P	FRONT CABINET ASS'Y	[M]	66	RJB0566G	P.C.B.	[M]
11-1	RKW0149-Q	SENSOR WINDOW	[M]	73	REX0305	R/P HEAD WIRE	[M]
12	RGU0542A-II	BUTTON, POWER/SELECT	[M]	74	REX0306	P HEAD WIRE	[M]
14	RGU0547-K	BUTTON, TIMER	[M]	76	RFKLXDT680PE	EQ. VR. ORNAMENT ASS'Y	[M]
15	RML0220	LEVER	[M]	77	EAS12P463A-J	WOOFER SPEAKER	[M]
17	RDG5782YC	GEAR	[M]	78	EAS8P1163D-J	TWEETER SPEAKER	[M]
18	RGK0352-II	CASS LID ORNAMENT	[M]	79	RJLAW001W22	SPEAKER CORD	[M]
19	RGU0540-II	BUTTON, EJECT (L)	[M]	80	RMG0166	CORD BUSHING	[M]
20	RME0081-1	OPEN SPRING	[M]	81	RFKKXDT680PA	SPK. BOX ASS'Y (R)	[M]
21	RGU0541-II	BUTTON, EJECT (R)	[M]	81-1	RMR0407	LOCK LEVER (R)	[M]
22	RFKLXDT680PA	CASS PANEL ASS'Y (L)	[M]	82	RFKKXDT680PB	SPK. BOX ASS'Y (L)	[M]
23	RFKLXCT990PA	CASS PANEL ASS'Y (R)	[M]	82-1	RMR0408	LOCK LEVER (L)	[M]
24	RFKLXDT680PC	CASS HOLDER ASS'Y	[M]	91	RMA0488	SAFETY COVER	[M]
24-1	RUS757ZAA	SPRING	[M]	92	RMK0059-1E	MECHA DOCKING CHASSIS	[M]
25	RKH0012-II	HANDLE BAR	[M]	93	RMN0136	LED HOLDER	[M]
26	RKX0021-II	HANDLE ARM	[M]	94	RDG5953ZC	WORM GEAR	
27	XEARR175FD-Y	TELESCOPIC ANTENNA	[M]	95	RDG5954ZA	VR GEAR	
31	RGU0560-K	BUTTON, DOLBY	[M]	97	RFKAXCT980P1	SPK. FRONT CAB ASS'Y (L)	[M]
32	RGV0070-K	BUTTON, FM MODE	[M]	98	RFKAXCT980P2	SPK. FONT CAB. ASS'Y (R)	[M]
33	RGV0073-K	BUTTON, REVERSE MODE	[M]				
38	RKQ0083-II	TOP CAB	[M]				
41	RFKNXCT980P3	SHIELD PLATE ASS'Y	[M]				
45	RMB0017-2	COIL, SPRING	[M]				
46	RMN0118	LCD HOLDER	[M]				
47	RMN0119	PCB CHASSIS	[M]				

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Ref No.	Part No.	Part Name & Description	Remarks	Ref No.	Part No.	Part Name & Description	Remarks
		INTEGRATED CIRCUIT(S)		Q252	2SC1684HRTA	TRANSISTOR	
				Q301	2SC1684HRTA	TRANSISTOR	
IC 1	AN7273A	IC, FM/AM IF		Q304	BA1F4MTA	TRANSISTOR	[M]
IC 2	RVIBA1332L	IC, FM MPX		Q305	2SC2785FTA	TRANSISTOR	
IC 3	LM7001	IC, PLL		Q306	2SC2785FTA	TRANSISTOR	
IC301	BU4066B	IC, ANALOG SWITCH		Q307	2SC1846R	TRANSISTOR	
IC302	BU4066B	IC, ANALOG SWITCH		Q308	2SC2001LTA	TRANSISTOR	[M]
IC303	AN7134N-R	IC, POWER AMP		Q309	BN1A4MTA	TRANSISTOR	[M]
IC304	LA4108R	IC, POWER AMP		Q310	BA1L4LTA	TRANSISTOR	[M]
IC305	S81250HGT	IC, REGULATOR		Q311	2SB1185E	TRANSISTOR	
IC351	BA3822LS-M	IC, G. EQ.	[M]	Q312	2SC2785FTA	TRANSISTOR	
IC353	BA6418N	IC, MOTOR DRIVE		Q313	2SA564QTA	TRANSISTOR	
IC601	M51167BFP	IC, REC-PLAY		Q314	BA1L4LTA	TRANSISTOR	[M]
IC602	BA7755	IC, ANALOG SWITCH		Q316	2SC2785FTA	TRANSISTOR	
IC603	BU4066B	IC, ANALOG SWITCH		Q317	2SC2785FTA	TRANSISTOR	
IC604	CXA1102M	IC, DOLBY		Q351	BA1A4MTA	TRANSISTOR	[M]
IC605	LC7995-8502	IC, MECHA CONTROL		Q352	BA1A4MTA	TRANSISTOR	[M]
IC801	UPD75308GB46	IC, MICRO COMP	[M]	Q353	BA1A4MTA	TRANSISTOR	[M]
IC802	S8053HNB-T	IC, RESET		Q354	BA1A4MTA	TRANSISTOR	[M]
IC951	DN6851ALB	IC, HALL		Q355	BA1A4MTA	TRANSISTOR	[M]
IC971	DN6851ALB	IC, HALL		Q401	2SJ40CDTA	TRANSISTOR	
				Q402	2SJ40CDTA	TRANSISTOR	
		TRANSISTOR (S)		Q403	BA1L4ZTA	TRANSISTOR	[M]
				Q404	BA1L4ZTA	TRANSISTOR	[M]
Q 1	2SK544F-AC	TRANSISTOR		Q405	BA1L4ZTA	TRANSISTOR	[M]
Q 2	2SC2786MTA	TRANSISTOR		Q406	BA1L4ZTA	TRANSISTOR	[M]
Q 3	2SC2786MTA	TRANSISTOR		Q407	2SC1684HRTA	TRANSISTOR	
Q 4	2SC1675KTA	TRANSISTOR	[M]	Q408	2SJ40CDTA	TRANSISTOR	
Q 5	2SC829BTA	TRANSISTOR		Q501	2SJ40CDTA	TRANSISTOR	
Q 6	2SA720STA	TRANSISTOR	[M]	Q502	2SJ40CDTA	TRANSISTOR	
Q 7	2SA720STA	TRANSISTOR	[M]	Q503	BA1L4ZTA	TRANSISTOR	[M]
Q 9	2SA720STA	TRANSISTOR	[M]	Q504	BA1L4ZTA	TRANSISTOR	[M]
Q 10	2SA720STA	TRANSISTOR	[M]	Q505	BA1L4ZTA	TRANSISTOR	[M]
Q 12	2SA564RTA	TRANSISTOR	[M]	Q506	BA1L4ZTA	TRANSISTOR	[M]
Q 13	BN1L3NTA	TRANSISTOR	[M]	Q507	2SC1684HRTA	TRANSISTOR	
Q 14	BN1L3NTA	TRANSISTOR	[M]	Q508	2SJ40CDTA	TRANSISTOR	
Q 15	2SC829CTA	TRANSISTOR		Q601	2SC1845FTA	TRANSISTOR	
Q 16	2SA564RTA	TRANSISTOR		Q602	2SC1845FTA	TRANSISTOR	
Q 17	2SC2785FTA	TRANSISTOR		Q603	2SC2001KTA	TRANSISTOR	
Q 18	2SC2784FTA	TRANSISTOR	[M]	Q604	2SC2001KTA	TRANSISTOR	
Q 19	2SC2784FTA	TRANSISTOR	[M]	Q605	2SC2001KTA	TRANSISTOR	
Q101	2SC1684HRTA	TRANSISTOR		Q606	2SC2785FTA	TRANSISTOR	
Q102	2SC2001LTA	TRANSISTOR	[M]	Q607	BA1F4ZTA	TRANSISTOR	[M]
Q103	2SC2001LTA	TRANSISTOR	[M]	Q608	2SD965RTA	TRANSISTOR	
Q151	2SC1684HRTA	TRANSISTOR		Q609	2SK301QTA	TRANSISTOR	[M]
Q152	2SC1684HRTA	TRANSISTOR		Q610	2SD965RTA	TRANSISTOR	
Q201	2SC1684HRTA	TRANSISTOR		Q611	2SK301QTA	TRANSISTOR	[M]
Q202	2SC2001LTA	TRANSISTOR	[M]	Q612	BA1L4ZTA	TRANSISTOR	[M]
Q203	2SC2001LTA	TRANSISTOR	[M]	Q613	2SB621RTA	TARNISTOR	
Q251	2SC1684HRTA	TRANSISTOR		Q614	BA1A4MTA	TRANSISTOR	

Ref No.	Part No.	Part Name & Description	Remarks	Ref No.	Part No.	Part Name & Description	Remarks
Q615	2SB621RTA	TRANSISTOR		D613	SLR33MC160	DIODE	[M]
Q616	BA1A4MTA	TRANSISTOR	[M]	D614	SLR33MC160	DIODE	[M]
Q617	BA1L4MTA	TRANSISTOR	[M]	D615	SLR33VC160	DIODE	[M]
Q618	BA1F4ZTA	TRANSISTOR	[M]	D801	LN083493P	LEDD	[M]
Q619	BA1F4ZTA	TRANSISTOR	[M]	D809	RVDM1Z5R1BTA	DIODE	
Q801	2SC2001KTA	TRANSISTOR		D811	RVD1SS133TA	DIODE	
Q803	BN1L3NTA	TRANSISTOR	[M]	D812	RVD1SS133TA	DIODE	
Q804	BA1A4MTA	TRANSISTOR	[M]	D813	RVD1SS133TA	DIODE	
Q805	BA1A4MTA	TRANSISTOR	[M]	D814	RVDM1Z4R7BTA	DIODE	
Q806	2SA564QTA	TRANSISTOR		D816	RVD1SS133TA	DIODE	
Q807	2SC2785FTA	TRANSISTOR		D820	RVD1SS133TA	DIODE	
Q808	2SA564QTA	TRANSISTOR		D821	RVD1SS133TA	DIODE	
Q809	BA1A4MTA	TRANSISTOR	[M]	D822	RVD1SS133TA	DIODE	
		DIODE (S)		D823	RVD1SS133TA	DIODE	
D 1	1SV147T4MATU	DIODE		D824	RVDM1Z5R1BTA	DIODE	
D 2	1SV147T4MATU	DIODE		D825	RVD1SS133TA	DIODE	
D 3	1SV147T4MATU	DIODE		D828	RVD1SS133TA	DIODE	
D 4	RVDSVC321	DIODE		D901	1N5402BM21	DIODE	[M]
D 5	RVDSVC321	DIODE		D902	1N5402BM21	DIODE	[M]
D 7	RVDSVC321	DIODE		D903	1N5402BM21	DIODE	[M]
D 8	RVDSVC321	DIODE		D904	1N5402BM21	DIODE	[M]
D 10	RVD1SS133TA	DIODE		D905	RVD1SS133TA	DIODE	
D 11	RVD1SS133TA	DIODE		D951	RVD1SS133TA	DIODE	
D 12	RVDM1Z5R6BTA	DIODE		D971	RVD1SS133TA	DIODE	
D 15	RVD1SS133TA	DIODE				VARIABLE RESISTOR (S)	
D 16	RVD1SS133TA	DIODE		VR1	EVNDXAA00B14	VR, FM VCO ADJ	
D 17	RVD1SS133TA	DIODE		VR351	EWAJQAW05G54	VR, G. EQ. (100Hz)	[M]
D 18	RVD1SS133TA	DIODE		VR352	EWAJQAW05G54	VR, G. EQ. (330Hz)	[M]
D302	RVDM1Z12BTA	DIODE		VR353	EWAJQAW05G54	VR, G. EQ. (1 kHz)	[M]
D303	RVD1SS133TA	DIODE		VR354	EWAJQAW05G54	VR, G. EQ. (3.3 kHz)	[M]
D304	RVDM1Z5R6BTA	DIODE		VR355	EWAJQAW05G54	VR, G. EQ. (10 kHz)	[M]
D305	RVDM1Z5R6BTA	DIODE		VR356	EWC2UAF2054D	VR, XBS	[M]
D306	RVD1SS133TA	DIODE		VR357	EWAJUAW09G15	VR, BALANCE	[M]
D307	RVD1SS133TA	DIODE		VR361	EWC07A027B54	VR, AUTO VOLUME	
D308	RVDM1Z15ATA	DIODE	[M]	VR401	RVNCC24BIT-A	VR, PB GAIN ADJ (L) (D2)	
D309	RVDM1Z10BTA	DIODE		VR402	RVNCC24B1T-A	VR, PB GAIN ADJ (L) (D1)	
D310	RVD1SS133TA	DIODE		VR403	RVNCC73B1T-A	VR, RECORDING ADJ (L)	
D312	RVD1SS133TA	DIODE		VR501	RVNCC24N1T-A	VR, PB GAIN ADJ (R) (D2)	
D351	LN11CP23	LED	[M]	VR502	RVNCC24B1T-A	VR, PB GAIN ADJ (R) (D1)	
D352	SLR33VC160	DIODE	[M]	VR503	RVNCC73B1T-A	VR, RECORDING ADJ (R)	
D353	SLR33VC160	DIODE	[M]	VR601	RVNCC14B1T-A	VR, HIGH SPEED ADJ	
D354	RVDM1Z6R8BTA	DIODE		VR602	RVNCC24B1T-A	VR, NORMAL SPEED ADJ (D2)	
D601	RVD1SS133TA	DIODE		VR603	RVNCC73B1T-A	VR, NORMAL SPEED ADJ (D1)	
D602	RVDM1Z4R7BTA	DIODE		VR604	RVNCC24B1T-A	VR, BIAS VOLTAGE ADJ	
D603	RVD1SS133TA	DIODE				VARIABLE CAPACITOR (S)	
D604	RVD1SS133TA	DIODE					
D611	SLR33MC160	DIODE	[M]	CT3	RCV10AF1T-S	TRIMMER CAPACITOR	
D612	SLR33MC160	DIODE	[M]				

RX-CT990

Ref No.	Part No.	Part Name & Description	Remarks	Ref No.	Part No.	Part Name & Description	Remarks
CT4	ECRLA030E53R	TRIMMER CAPACITOR		F901	XBA2C40TB0	FUSE	△
		COIL(S) & TRANSFORMER (S)		ICP101	RAHICPN15TA	IC PROTECTOR	△
				ICP102	RAHICPN10TA	IC PROTECTOR	△
				ICP103	RAHICPN5TA	IC PROTECTOR	△
L 1	RLQY30S4W	COIL, RF CHOKE	[M]	ICP104	RAHICPN5TA	IC PROTECTOR	△
L 2	RLA4Y001-E	COIL, FM ANT	[M]				
L 3	RLA4Y002-E	COIL, FM ANT	[M]			SWITCH (ES)	
L 4	RLQZPIR2KT-Y	COIL					
L 7	RLV6C004-0Z	COIL, FERRITE ANT	[M]	S351	EVQ21405R	SW, TIMER CHECK	
L 9	RL02B126-M	COIL, AM OSC	[M]	S352	EVQ21405R	SW, TIMER REC	
L 10	RL01B15-M	COIL, LW OSC	[M]	S353	EVQ21405R	SW, SLEEP	
L 15	RLQZP101KT-Y	COIL		S354	EVQ21405R	SW, TIMER SELECT	
L 16	RLQZPIR2KT-Y	COIL		S355	EVQ21405R	SW, FM1 SELECT	
L 17	RLQZP100KT-Y	COIL		S356	EVQ21405R	SW, FM2 SELECT	
L101	RLQZP101KT-Y	COIL, RF CHOKE		S357	EVQ21405R	SW, STATION 1	
L102	RLQZP221KT-Y	COIL, RF CHOKE		S358	EVQ21405R	SW, STATION 2	
L103	RLQZP101KT-Y	COIL, RF CHOKE		S359	EVQ21405R	SW, STATION 3	
L104	RLQZP101KT-Y	COIL, RF CHOKE		S360	EVQ21405R	SW, STATION 4	
L105	RLQZB101KT-D	COIL, RF CHOKE		S361	EVQ21405R	SW, ADJUST	
L106	RLQZP101KT-Y	COIL, RF CHOKE		S363	EVQ21405R	SW, TIMESET/TUNING (—)	
L107	RLQZP101KT-Y	COIL, RF CHOKE		S364	EVQ21405R	SW, TIMESET/TUNING (+)	
L108	RLQZB101KT-D	COIL, RF CHOKE		S365	EVQ21405R	SW, FM3 SELECT	
L109	RLZQP101KT-Y	COIL, RF CHOKE		S366	EVQ21405R	SW, AM SELECT	
L382	RLQV472K-Z	COIL, RF CHOKE		S367	EVQ21405R	SW, STATION 5	
L383	RLQV472K-Z	COIL, RF CHOKE		S368	EVQ21405R	SW, STATION 6	
L401	RLE2B001-M	COIL, TRAP		S369	EVQ21405R	SW, STATION 7	
L402	RLE9B001-M	COIL, TRAP		S370	EVQ21405R	SW, STATION 8	
L502	RLE9B001-M	COIL, TRAP		S371	EVQ21405R	SW, POWER ON/OFF	
L601	RLQZB470KT-D	COIL, RF CHOKE		S372	EVQ21405R	SW, TAPE SELECT	
L602	RLQZB470KT-D	COIL, RF CHOKE		S373	EVQ21405R	SW, TUNER SELECT	
L603	RLQZB470KT-D	COIL, RF CHOKE		S374	EVQ21405R	SW, CD/AUX SELECT	
L604	RLQZB470KT-D	COIL, RF CHOKE		S375	EVQ21405R	SW, MEMORY SELECT	
L801	RLQZP101KT-Y	COIL		S376	EVQ21405R	SW, MEMORY SCAN	
L802	RLQZP101KT-Y	COIL		S378	RSS3B47Z-A-II	SW, FM MODE	
L901	RLQZB220KT-D	COIL, RF CHOKE		S601	ESB6483	SW, EDIT SPEED	[M]
L902	RLQZB220KT-D	COIL, RF CHOKE		S602	ESB6483	SW, EDIT SPEED	[M]
T 1	RLJ4B153-M	FM IFT		S603	EVQ21405R	SW, ONE TOUCH EDIT	
T 2	RLI2B153-M	AM IFT		S604	EVQ21405R	SW, DECK 2 SELECT	
T 3	SLI4B524-Z	COIL, FM DET.		S605	EVQ21405R	SW, DECK 1 SELECT	
T101	RL09B007-M	COIL		S606	EVQ21405R	SW, STOP	
T601	RL08C002-T	BIAS OSC COIL		S607	EVQ21405R	SW, REC PAUSE	
T901	RTP1M1B001-X	POWER TRANSFORMER	[M] △	S608	EVQ21405R	SW, FWD	
		FILTER(S)		S609	EVQ21405R	SW, REV	
				S610	EVQ21405R	SW, FF	
				S611	EVQ21405R	SW, REW	
CF1	RLFFETWNA01L	CERAMIC FILTER		S612	RSS3A18YA-II	SW, REV MODE	
CF2	RVFSFZ459HL3	CERAMIC FILTER	[M]	S613	ESB6483	SW, EDIT SPEED	[M]
		FUSE(S)		S901	RJJ1SE01-II	JACK W/SW, AC-IN (J901)	△
				S951	RSH1A89ZB-U	SW, MODE DETECT (1)	

Ref No.	Part No.	Part Name & Description	Remarks	Ref No.	Part No.	Part Name & Description	Remarks
S952	RSH1A90YB-U	SW, TAPE DETECT (1)		N4	XTN3+10CFZ	SCREW	
S953	RSH1A90YB-U	SW, Cr02 DETECT (1)		N5	XTV26+8G	SCREW	
S971	RSH1A90YB-U	SW, MODE DETECT (2)		N6	XTV3+12G	SCREW	
S972	RSH1A90YB-U	SW, TAPE DETECT (2)		N7	XTV3+20G	SCREW	
S973	RSH1A90YB-U	SW, REV DETECT (2)		N8	XTWS3+10Q	SCREW	
S974	RSH1A90YB-U	SW, FWD DETECT (2)		N9	XTV3+8F	SCREW	
S975	RSH1A90YB-U	SW, Cr02 DETECT (2)		N10	XTC3+10CFN	SCREW	
S976	RSH1A90YB-U	SW, METAL DETECT (2)		N11	XYN3+F8FY	SCREW	
		JACK (S)		N12	XTV26+6F	SCREW	
J301	RJJ1D25ZA-C	JACK, MIC				CONNECTOR(S)	
J302	RJF1099ZA	JACK, LINE		CS901	RJS4T6ZA	CONNECTOR (4P)	
J303	RJJ3BT01-H	JACK, HEADPHONES		CP301	RJP11G18ZA	CONNECTOR (11P)	
J304	RJF1098YA-H	JACK, SPK. TERMINAL	[M]	CP302	RJU003K010M1	SOCKET (10P)	
J305	RJF1098YA-H	JACK, SPK. TERMINAL	[M]	CP303	RJS5T7ZA	CONNECTOR (5P)	
J901	RJJ1SE01-H	JACK W/SW, AC-IN (S901)	△	CP351	SJT30549BB1	CONNECTOR (5P)	
J902	RJJB3ZD-C	JACK, DC IN		CP352	SJT30549BB1	CONNECTOR (5P)	
		OSCILLATOR (S)		CP601	RJP5G18ZA	CONNECTOR (5P)	
X 1	SVQ49U722T-D	OSCILLATOR, 7.2MHz	[M]	CP602	RJP4G18ZA	CONNECTOR (4P)	
X801	RSXD32K7S02	OSCILLATOR, 32.768 kHz	[M]	CP603	RJP14G18ZA	CONNECTOR (14P)	[M]
X802	RSXY4M19M03T	RESONATOR	[M]	CP604	RJP6G18ZA	CONNECTOR (6P)	
		COMPONENT COMBINATIONS		CP605	RJP15G18ZA	CONNECTOR (15P)	
Z801	RCDGPI1U52YG	INFRA-RED SENSOR		CP801	RJU003K008M1	SOCKET (8P)	
Z802	RSL5046-L	LCD	[M]	CP802	RJU003K010M1	SOCKET (8P)	
		PACKING MATERIAL (S)		CN1	SJT3711	CONNECTOR (7P)	
P1	RPK0270	GIFT BOX	[M]	CN2	SJT3909	CONNECTOR (9P)	
P2	RPII3SZA	MIRAMAT SHEET	[M]	CN3	RJP2G18ZA	CONNECTOR (2P)	
P3	RPN0445	POLYFOAM	[M]	CN351	RJT003K008M1	CONNECTOR (8P)	
		ACCESSORIES		CN352	RJT003K010M1	CONNECTOR (10P)	
A1	RQT1012-G	INSTRUCTION MANUAL	[M] [EB]	CN353	RJT003K010M1	CONNECTOR (10P)	
A1	RFKSXCT990EG	INSTRUCTION MANUAL ASS'Y	[M] [EG]	CN354	SJS50581BB	CONNECTOR (4P)	
A2	RAK-RX313WM	REMOTE CONTROL UNIT	[M]	CN355	SJS50581BB	CONNECTOR (4P)	
A3	RJA86ZB-K	AC CORD	△ [EB]	TP601	RJP3G1ZA	CONNECTOR (3P)	
A3	SFDAC05E03	AC CORD	△ [EG]	TP602	RJP3G1ZA	CONNECTOR (3P)	
		SCREW(S)				FLAT CABLE(S)	
N1	XTV3+10G	SCREW		W301	REX0324Y	FLAT CABLE (14)	[M]
N2	XTW3+8F	SCREW		W302	REX0302	FLAT CABLE (7P)	[M]
N3	XQN17+C3	SCREW		W351	RWJ11051600QQ	FLAT CABLE (5P)	[M]
				W603	RWJ1107080QQ	P-MECHA.	[M]
				W604	RWJ1110080QQ	R/P-MECHA.	[M]
				W605	REX0326Y	FLAT CABLE (15P)	[M]
				W801	REX0325Y	FLAT CABLE (6P)	[M]
				W802	REX0301	FLAT CABLE (9P)	[M]
				W803	REX0327Y	FLAT CABLE (11P)	

■ RESISTOR PARTS LIST

Notes: *Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads(pF) F=Farads
 *Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM)

Ref No.	Part No.	Values & Remarks	Ref No.	Part No.	Values & Remarks	Ref No.	Part No.	Values & Remarks
R1	ERDS2TJ470T	47 1/4W	R57	ERDS2TJ472T	4.7K 1/4W	R158	ERDS2TJ222T	2.2K 1/4W
R2	ERDS2TJ102T	1K 1/4W	R58	ERD2TJ103T	10K 1/4W	R181	ERDS2TJ183T	18K 1/4W
R3	ERDS2TJ104T	100K 1/4W	R59	ERDS2TJ222T	2.2K 1/4W	R182	ERDS2TJ101T	100 1/4W
R4	ERDS2TJ104T	100K 1/4W	R60	ERDS2TJ151T	150 1/4W	R183	ERDS2TJ474T	470K 1/4W
R5	ERDS2TJ470T	47 1/4W	R61	ERDS2TJ222T	2.2K 1/4W	R184	ERDS2TJ681T	680 1/4W
R7	ERDS2TJ222T	2.2K 1/4W	R62	ERDS2TJ103T	10K 1/4W	R185	ERDS2TJ152T	1.5K 1/4W
R8	ERDS2TJ104T	100K 1/4W	R63	ERDS2TJ102T	1K 1/4W	R201	ERDS2TJ183T	18K 1/4W
R9	ERDS2TJ103T	10K 1/4W	R68	ERDS2TJ391T	390 1/4W	R202	ERDS2TJ473T	47K 1/4W
R10	ERDS2TJ563T	56K 1/4W	R69	ERDS2TJ103T	10K 1/4W	R203	ERDS2TJ473T	47K 1/4W
R11	ERDS2TJ471T	470 1/4W	R70	ERDS2TJ103T	10K 1/4W	R204	ERDS2TJ822T	8.2K 1/4W
R12	ERDS2TJ224T	220K 1/4W	R71	ERDS2TJ103T	10K 1/4W	R205	ERDS2TJ393T	39K 1/4W
R13	ESRD2TJ471T	470 1/4W	R72	ERDS2TJ104T	100K 1/4W	R206	ERDS2TJ153T	15K 1/4W
R14	ERDS2TJ473T	47K 1/4W	R73	ERDS2TJ103T	10K 1/4W	R207	ERDS2TJ153T	15K 1/4W
R15	ERDS2TJ102T	1K 1/4W	R74	ERDS2TJ224T	220K 1/4W	R208	ERDS2TJ393T	39K 1/4W
R16	ERDS2TJ101T	100 1/4W	R75	ERDS2TJ224T	220K 1/4W	R209	ERDS2TJ332T	3.3K 1/4W
R17	ERDS2TJ332T	3.3K 1/4W	R76	ERDS2TJ224T	220K 1/4W	R210	ERDS2TJ103T	10K 1/4W
R18	ERDS2TJ334T	330K 1/4W	R77	ERDS2TJ472T	4.7K 1/4W	R211	ERDS2TJ101T	100 1/4W
R19	ERDS2TJ331T	330 1/4W	R81	ERDS2TJ102T	1K 1/4W	R212	ERDS2TJ332T	3.3K 1/4W
R20	ERDS2TJ331T	330 1/4W	R101	ERDS2TJ183T	18K 1/4W	R213	ERDS2TJ2R7T	2.7 1/4W
R21	ERDS2TJ331T	330 1/4W	R102	ERDS2TJ473T	47K 1/4W	R214	ERDS2TJ221T	220 1/4W
R22	ERDS2TJ103T	10K 1/4W	R103	ERDS2TJ473T	47K 1/4W	R215	ERDS2TJ151T	150 1/4W
R23	ERDS2TJ151T	150 1/4W	R104	ERDS2TJ822T	8.2K 1/4W	R216	ERDS2TJ223T	22K 1/4W
R24	ERDSSTJ562T	5.6K 1/4W	R105	ERDS2TJ393T	39K 1/4W	R217	ERDS2TJ472T	4.7K 1/4W
R25	ERDS2TJ332T	3.3K 1/4W	R106	ERDS2TJ153T	15K 1/4W	R218	ERDS2TJ102T	1K 1/4W
R26	ERDS2TJ102T	1K 1/4W	R107	ERDS2TJ153T	15K 1/4W	R219	ERDS2TJ123T	12K 1/4W
R27	ERDS2TJ104T	100K 1/4W	R108	ERDS2TJ393T	39K 1/4W	R220	ERDS2TJ2R2T	2.2 1/4W
R28	ERDS2TJ562T	5.6K 1/4W	R109	ERDS2TJ332T	3.3K 1/4W	R221	ERDS2TJ224T	220K 1/4W
R29	ERDS2TJ681T	680 1/4W	R110	ERDS2TJ103T	10K 1/4W	R222	ERDS2TJ123T	12K 1/4W
R30	ERDS2TJ683T	68K 1/4W	R111	ERDS2TJ101T	100 1/4W	R223	ERDS2TJ822T	8.2K 1/4W
R31	ERDS2TJ102T	1K 1/4W	R112	ERDS2TJ332T	3.3K 1/4W	R251	ERDS2TJ105T	1M 1/4W
R32	ERDS2TJ682T	6.8K 1/4W	R113	ERDS2TJ2R7T	2.7 1/4W	R252	ERDS2TJ472T	4.7K 1/4W
R33	ERDS2TJ104T	100K 1/4W	R114	ERDS2TJ221T	220 1/4W	R253	ERDS2TJ472T	4.7K 1/4W
R34	ERDS2TJ104T	100K 1/4W	R115	ERDS2TJ151T	150 1/4W	R254	ERDS2TJ561T	560 1/4W
R36	ERDS2TJ103T	10K 1/4W	R116	ERDS2TJ223T	22K 1/4W	R255	ERDS2TJ471T	470 1/4W
R37	ERDS2TJ103T	10K 1/4W	R117	ERDS2TJ472T	4.7K 1/4W	R256	ERDS2TJ682T	6.8K 1/4W
R39	ERDS2TJ104T	100K 1/4W	R118	ERDS2TJ102T	1K 1/4W	R258	ERDS2TJ222T	2.2K 1/4W
R40	ERDS2TJ104T	100K 1/4W	R119	ERDS2TJ123T	12K 1/4W	R281	ERDS2TJ183T	18K 1/4W
R44	ERDS2TJ103T	10K 1/4W	R120	ERDS2TJ2R2T	2.2 1/4W	R282	ERDS2TJ101T	100 1/4W
R47	ERDS2TJ103T	10K 1/4W	R121	ERDS2TJ224T	220K 1/4W	R283	ERDS2TJ474T	470K 1/4W
R49	ERDS2TJ121T	120 1/4W	R122	ERDS2TJ123T	12K 1/4W	R284	ERDS2TJ681T	680 1/4W
R50	ERDS2TJ102T	1K 1/4W	R123	ERDS2TJ822T	8.2K 1/4W	R285	ERDS2TJ152T	1.5K 1/4W
R51	ERDS2TJ222T	2.2K 1/4W	R151	ERDS2TJ105T	1M 1/4W	R302	ERDS2TJ474T	470K 1/4W
R52	ERDS2TJ471T	470 1/4W	R152	ERDS2TJ472T	4.7K 1/4W	R303	ERDS2TJ272T	2.7K 1/4W
R53	ERDS2TJ683T	68K 1/4W	R153	ERDS2TJ472T	4.7K 1/4W	R304	ERDS2TJ220T	22 1/4W
R54	ERDS2TJ153T	15K 1/4W	R154	ERDS2TJ561T	560 1/4W	R309	ERDS2TJ472T	4.7K 1/4W
R55	ERDS2TJ561T	560 1/4W	R155	ERDS2TJ471T	470 1/4W	R310	ERDS2TJ101T	100 1/4W
R56	ERDS2TJ272T	2.7K 1/4W	R156	ERDS2TJ682T	6.8K 1/4W	R311	ERDS2TJ103T	10K 1/4W

Ref No.	Part No.	Values & Remarks	
R312	ERDS2TJ471T	470	1/4W
R313	ERDS2TJ2R7T	2.7	1/4W
R314	ERDS2TJ104T	100K	1/4W
R315	ERDS2TJ473T	47K	1/4W
R316	ERDS2TJ471T	470	1/4W
R317	ERDS2TJ222T	2.2K	1/4W
R318	ERDS2TJ223T	22K	1/4W
R319	ERDS2TJ222T	2.2K	1/4W
R320	ERDS2TJ332T	3.3K	1/4W
R321	ERDS2TJ473T	4.7K	1/4W
R322	ERDS2TJ472T	4.7K	1/4W
R323	ERDS2TJ333T	33K	1/4W
R324	ERDS2TJ153T	15K	1/4W
R325	ERDS2TJ682T	6.8K	1/4W
R326	ERDS2TJ332T	3.3K	1/4W
R327	ERDS2TJ223T	22K	1/4W
R328	ERDS2TJ222T	2.2K	1/4W
R329	ERDS2TJ102T	1K	1/4W
R330	ERDS2TJ101T	100	1/4W
R331	ERDS2TJ223T	22K	1/4W
R332	ERDS2TJ102T	1K	1/4W
R333	ERDS2TJ472T	4.7K	1/4W
R334	ERDS2TJ223T	22K	1/4W
R335	ERDS2TJ224T	220K	1/4W
R336	ERDS2TJ473T	47K	1/4W
R337	ERDS2TJ223T	22K	1/4W
R338	ERDS2TJ472T	4.7K	1/4W
R339	ERDS2TJ123T	12K	1/4W
R340	ERDS2TJ102T	1K	1/4W
R341	ERDS2TJ101T	100	1/4W
R342	ERDS2TJ101T	100	1/4W
R343	ERDS2TJ101T	100	1/4W
R347	ERDS2TJ103T	10K	1/4W
R348	ERDS2TJ2R7T	2.7	1/4W
R349	ERDS2TJ104T	100K	1/4W
R351	ERDS2TJ331T	330	1/4W
R352	ERDS2TJ391T	390	1/4W
R353	ERDS2TJ681T	680	1/4W
R355	ERDS2TJ222T	2.2K	1/4W
R356	ERDS2TJ102T	1K	1/4W
R357	ERDS2TJ102T	1K	1/4W
R359	ERDS2TJ103T	10K	1/4W
R381	ERDS2TJ222T	2.2K	1/4W
R382	ERDS2TJ222T	2.2K	1/4W
R383	ERDS2TJ104T	100K	1/4W
R384	ERDS2TJ104T	100K	1/4W
R385	ERDS2TJ222T	2.2K	1/4W
R401	ERDS2TJ123T	12K	1/4W
R402	ERDS2TJ330T	33	1/4W
R403	ERDS2TJ682T	6.8K	1/4W
R404	ERDS2TJ392T	3.9K	1/4W
R405	ERDS2TJ222T	2.2K	1/4W
R406	ERDS2TJ122T	1.2K	1/4W
R407	ERDS2TJ473T	47K	1/4W
R408	ERDS2TJ154T	150K	1/4W
R409	ERDS2TJ472T	4.7K	1/4W
R410	ERDS2TJ225T	2.2M	1/4W
R411	ERDS2TJ105T	1M	1/4W
R412	ERDS2TJ332T	3.3K	1/4W
R413	ERDS2TJ105T	1M	1/4W
R414	ERDS2TJ102T	1K	1/4W
R415	ERDS2TJ221T	220	1/4W
R416	ERDS2TJ153T	15K	1/4W
R417	ERDS2TJ222T	2.2K	1/4W
R418	ERDS2TJ103T	10K	1/4W
R419	ERDS2TJ473T	47K	1/4W
R420	ERDS2TJ473T	47K	1/4W
R501	ERDS2TJ123T	12K	1/4W
R502	ERDS2TJ330T	33	1/4W
R503	ERDS2TJ682T	6.8K	1/4W
R504	ERDS2TJ392T	3.9K	1/4W
R505	ERDS2TJ222T	2.2K	1/4W
R506	ERDS2TJ122T	1.2K	1/4W
R507	ERDS2TJ473T	47K	1/4W
R508	ERDS2TJ154T	150K	1/4W
R509	ERDS2TJ472T	4.7K	1/4W
R510	ERDS2TJ225T	2.2M	1/4W
R511	ERDS2TJ105T	1M	1/4W
R512	ERDS2TJ332T	3.3K	1/4W
R513	ERDS2TJ105T	1M	1/4W
R514	ERDS2TJ102T	1K	1/4W
R515	ERDS2TJ221T	220	1/4W
R516	ERDS2TJ153T	15K	1/4W
R517	ERDS2TJ222T	2.2K	1/4W
R518	ERDS2TJ103T	10K	1/4W
R519	ERDS2TJ473T	47K	1/4W
R520	ERDS2TJ473T	47K	1/4W
R601	ERDS2TJ680T	68	1/4W
R602	ERDS2TJ104T	100K	1/4W
R603	ERDS2TJ334T	330K	1/4W
R605	ERDS2TJ104T	100K	1/4W
R606	ERDS2TJ335T	3.3M	1/4W
R607	ERDS2TJ474T	470K	1/4W
R608	ERDS2TJ332T	3.3K	1/4W
R609	ERDS2TJ472T	4.7K	1/4W
R610	ERDS2TJ103T	10K	1/4W
R611	ERDS2TJ681T	680	1/4W
R612	ERDS2TJ680T	68	1/4W
R613	ERDS2TJ433T	43K	1/4W
R614	ERDS2TJ104T	100K	1/4W
R615	ERDS2TJ334T	330K	1/4W
R616	ERDS2TJ472T	4.7K	1/4W
R617	ERDS2TJ183T	18K	1/4W
R618	ERDS2TJ103T	10K	1/4W
R619	ERDS2TJ472T	4.7K	1/4W
R620	ERDS2TJ821T	820	1/4W
R621	ERDS2TJ821T	820	1/4W
R623	ERDS2TJ102T	1K	1/4W
R624	ERDS2TJ103T	10K	1/4W
R625	ERDS2TJ1R2T	1.2	1/4W
R626	ERDS2TJ472T	4.7K	1/4W
R627	ERDS2TJ472T	4.7K	1/4W
R628	ERDS2TJ472T	4.7K	1/4W
R629	ERDS2TJ822T	8.2K	1/4W
R630	ERDS2TJ332T	3.3K	1/4W
R631	ERDS2TJ221T	220	1/4W
R632	ERDS2TJ1R2T	1.2	1/4W
R633	ERDS2TJ562T	5.6K	1/4W
R634	ERDS2TJ153T	15K	1/4W
R635	ERDS2TJ183T	18K	1/4W
R636	ERDS2TJ334T	330K	1/4W
R637	ERDS2TJ221T	220	1/4W
R638	ERDS2TJ1R2T	1.2	1/4W
R639	ERDS2TJ123T	12K	1/4W
R640	ERDS2TJ123T	12K	1/4W
R641	ERDS2TJ222T	2.2K	1/4W
R642	ERDS2TJ334T	330K	1/4W
R643	ERDS2TJ123T	12K	1/4W
R644	ERDS2TJ472T	4.7K	1/4W
R645	ERDS2TJ472T	4.7K	1/4W
R646	ERDS2TJ2R7T	2.7	1/4W
R647	ERDS2TJ102T	1K	1/4W
R648	ERDS2TJ103T	10K	1/4W
R649	ERDS2TJ472T	4.7K	1/4W
R650	ERDS2TJ472T	4.7K	1/4W
R651	ERDS2TJ2R7T	2.7	1/4W
R652	ERDS2TJ102T	1K	1/4W
R653	ERDS2TJ103T	10K	1/4W
R654	ERDS2TJ394T	390K	1/4W
R655	ERDS2TJ472T	4.7K	1/4W
R656	ERDS2TJ102T	1K	1/4W
R657	ERDS2TJ103T	10K	1/4W
R658	ERDS2TJ103T	10K	1/4W
R659	ERDS2TJ103T	10K	1/4W
R660	ERDS2TJ103T	10K	1/4W
R661	ERDS2TJ222T	2.2K	1/4W
R662	ERDS2TJ392T	3.9K	1/4W
R671	ERDS2TJ102T	1K	1/4W
R672	ERDS2TJ101T	100	1/4W
R673	ERDS2TJ102T	1K	1/4W

Ref No.	Part No.	Values & Remarks	
R674	ERDS2TJ102T	1K	1/4W
R675	ERDS2TJ102T	1K	1/4W
R676	ERDS2TJ271T	270	1/4W
R677	ERDS2TJ271T	270	1/4W
R678	ERDS2TJ271T	270	1/4W
R679	ERDS2TJ271T	270	1/4W
R680	ERDS2TJ271T	270	1/4W
R801	ERDS2TJ102T	1K	1/4W
R802	ERDS2TJ561T	560	1/4W
R803	ERDS2TJ391T	390	1/4W
R804	ERDS2TJ102T	1K	1/4W
R805	ERDS2TJ102T	1K	1/4W
R806	ESRD2TJ102T	1K	1/4W
R807	ERDS2TJ102T	1K	1/4W
R808	ERDS2TJ222T	2.2K	1/4W
R809	ERDS2TJ222T	2.2K	1/4W
R810	ERDS2TJ222T	2.2K	1/4W
R811	ERDS2TJ222T	2.2K	1/4W
R812	ERDS2TJ333T	33K	1/4W
R813	ERDS2TJ824T	820K	1/4W
R814	ERDS2TJ104T	100K	1/4W
R815	ERDS2TJ104T	100K	1/4W
R816	ERDS2TJ333T	33K	1/4W
R817	ERDS2TJ471T	470	1/4W
R818	ERDS2TJ822T	8.2K	1/4W
R819	ERDS2TJ104T	100K	1/4W
R820	ERDS2TJ222T	2.2K	1/4W
R821	ERDS2TJ104T	100K	1/4W
R822	ERDS2TJ102T	1K	1/4W
R823	ERDS2TJ102T	1K	1/4W
R824	ERDS2TJ102T	1K	1/4W
R825	ERDS2TJ102T	1K	1/4W
R826	ERDS2TJ334T	330K	1/4W
R827	ERDS2TJ104T	100K	1/4W
R828	ERDS2TJ223T	22K	1/4W
R829	ERDS2TJ470T	47	1/4W
R830	ERDS2TJ104T	100K	1/4W
R834	ERDS2TJ471T	470	1/4W
R835	ERDS2TJ123T	12K	1/4W
R836	ERDS2TJ103T	10K	1/4W
R838	ERDS2TJ472T	4.7K	1/4W
R839	ERDS2TJ472T	4.7K	1/4W
R841	ERDS2TJ222T	2.2K	1/4W
R842	ERDS2TJ222T	2.2K	1/4W
R844	ERDS2TJ102T	1K	1/4W
R846	ERDS2TJ102T	1K	1/4W
R847	ERDS2TJ222T	2.2K	1/4W
R848	ERDS2TJ222T	2.2K	1/4W
R850	ERDS2TJ222T	2.2K	1/4W
R851	ERSD2TJ222T	2.2K	1/4W

Ref No.	Part No.	Values & Remarks	
R852	ERDS2TJ222T	2.2K	1/4W
R853	ERDS2TJ222T	2.2K	1/4W
R854	ERDS2TJ222T	2.2K	1/4W
R855	ERDS2TJ222T	2.2K	1/4W
R856	ERDS2TJ222T	2.2K	1/4W
R857	ERDS2TJ222T	2.2K	1/4W
R901	ERDS2TJ471T	470	1/4W
	CAPACITORS		
C2	ECBT1H102KB5	0.001	50V
C3	ECCR1H120KC5	12P	50V
C4	ECBT1H101KB5	100P	50V
C5	ECBT1H102KB5	0.001	50V
C6	ECBT1H102KB5	0.001	50V
C7	ECBT1H100JB5	10P	50V
C8	ECBT1H3R9KC5	3.9P	50V
C9	ECBT1H150JC5	15P	50V
C10	ECBT1H102KB5	0.001	50V
C11	ECBT1H3R3KC5	3.3P	50V
C12	ECBT1H2R2KC5	2.2P	50V
C13	ECBT1H181KB5	180P	50V
C14	ECBT1H6R8KC5	6.8P	50V
C15	ECBT1H102KB5	0.001	50V
C17	ECBT1C103MS5	0.01	16V
C18	ECBT1C103MS5	0.01	16V
C19	ECBT1H102KB5	0.001	50V
C20	ECBT1H102KB5	0.001	50V
C21	ECBT1H181KB5	180P	50V
C22	ECBT1H181KB5	180P	50V
C23	ECBT1C103MS5	0.01	16V
C24	ECBT1H102KB5	0.001	50V
C25	ECEA1CU100B	10	16V
C26	ECBT1H331KB5	330P	50V
C29	ECEAOJU101B	100	6.3V
C30	ECEA1EU4R7B	4.7	25V
C31	ECFR1C223MR	0.022	16V
C32	ECFR1C223MR	0.022	16V
C33	ECEA1AU101B	100	10V
C34	ECFR1C153MR	0.015	16V
C35	ECBT1C103MS5	0.01	16V
C36	ECEA1CU2R2B	2.2	50V
C37	ECBT1H102KB5	0.001	50V
C38	ECFR1C153MR	0.015	16V
C39	ECEA1HU010B	1	50V
C40	ECEA1HUR47B	0.47	50V
C41	ECEA1HUR47B	0.47	50V
C42	ECQP2A102JZT	0.001	100V
C44	ECBT1C103MS5	0.01	16V
C47	ECBT1C103MS5	0.01	16V
C48	ECBT1H470J5	47P	50V

Ref No.	Part No.	Values & Remarks	
C52	ECFR1C223MR	0.022	16V
C54	ECBT1H6R8KC5	6.8P	50V
C56	ECQP2A391JZT	390P	100V
C58	ECQP2A121JZT	120P	100V
C60	ECQP2A181JZT	180P	100V
C62	ECBT1H101KB5	100P	50V
C64	ECFR1C223MR	0.022	16V
C65	ECBT1H121KB5	120P	50V
C66	ECBT1C103MS5	0.01	16V
C67	ECBT1C103MS5	0.01	16V
C68	ECEA1HU010B	1	50V
C69	ECEA1HUR47B	0.47	50V
C70	ECEA0JU101B	100	6.3V
C71	ECKR1H103MD5	0.01	50V
C72	ECBT1H101KB5	100P	50V
C73	ECKR1H103MD5	0.01	50V
C74	ECBT1H153MS5	0.015	6.3V
C75	ECEA1HU2R2B	2.2	50V
C76	ECFW1C223MDY	0.022	16V
C77	ECBT1H102KB5	0.001	50V
C78	ECEA1HNR47SB	0.47	50V
C79	ECBT1C103MS5	0.01	16V
C83	ECEA1CU330B	33	16V
C86	ECBT1H150JC5	15P	50V
C87	ECBT1H150JC5	15P	50V
C88	ECBT1H331KB5	330P	50V
C89	ECBT1H331KB5	330P	50V
C90	ECBT1H331KB5	330P	50V
C91	ECEA1CU100B	10	16V
C92	ECBT1H102KB5	0.001	50V
C93	ECEA1CU330B	33	16V
C96	ECEA1CU330B	33	16V
C97	ECBT1H102KB5	0.001	50V
C98	ECBT1H101KB5	100P	50V
C99	ECBT1H331KB5	330P	50V
C101	ECEA1EU4R7B	4.7	25V
C102	ECEA1CU100B	10	16V
C103	ECEA0JU101B	100	6.3V
C104	ECEA1AU101B	100	10V
C105	ECEA1AU222B	2200	10V
C106	ECQV1H224JZ3	0.22	50V
C107	ECBT1C332MR5	3300P	16V
C108	ECBT1C332MR5	3300P	16V
C109	ECBT1H101KB5	100P	50V
C110	ECFR1C473KR	0.047	16V
C111	ECEA1HU010B	1	50V
C112	ECBT1H471 KB5	470P	50V
C113	ECEA0JU101B	100	6.3V
C114	ECBT1H220JC5	22P	50V
C115	ECBT1C103MS5	0.01	16V

Ref No.	Part No.	Values & Remarks		Ref No.	Part No.	Values & Remarks		Ref No.	Part No.	Values & Remarks	
C116	ECEA1AU470B	47	10V	C255	ECFR1C333MR	0.033	16V	C351	ECEA1HU010B	1	50V
C117	ECFR1C473KR	0.047	16V	C256	ECFR1C333MR	0.033	16V	C352	ECEA1AU221B	220	10V
C118	ECEA1AU470B	47	10V	C257	ECEA1HKR68B	0.68	50V	C353	ECEA1AU471B	470	10V
C119	ECQV1H224JZ3	0.22	50V	C258	ECBT1C103MS5	0.01	16V	C354	ECBT1H331KB5	330P	50V
C120	ECBT1C332MR5	3300P	16V	C259	ECEA1HUR33B	0.33	50V	C355	ECBT1H331KB5	330P	50V
C121	ECEA1CU100B	10	16V	C260	ECBT1C332MR5	3300P	16V	C356	ECBT1C103NS5	0.01	16V
C151	ECEA1HU010B	1	50V	C261	ECEA1HU0R1B	0.1	50V	C357	ECBT1C103NS5	0.01	16V
C152	ECBT1H471KB5	470P	50V	C262	ECFR1C823MR	0.082	16V	C358	ECBT1H331KB5	330P	50V
C153	ECEA1CU100B	10	16V	C263	ECEA1HU2R2B	2.2	50V	C381	ECBT1H102KB5	0.001	50V
C154	ECBT1C222MR5	2200P	16V	C264	ECFR1C153MR	0.015	16V	C382	ECBT1H102KB5	0.001	50V
C155	ECFR1C333MR	0.033	16V	C266	ECEA1HU010B	1	50V	C383	ECEA1AU221B	220	10V
C156	ECFR1C333MR	0.033	16V	C281	ECBT1H561KB5	560P	50V	C384	ECEA1AU101B	100	10V
C157	ECEA1HKR68B	0.68	50V	C282	ECFR1C473KR	0.047	16V	C401	ECBT1H102KB5	0.001	50V
C158	ECBT1C103MS5	0.01	16V	C283	ECEA1HK0R1B	0.1	50V	C402	ECEA1EU4R7B	4.7	25V
C159	ECEA1HUR33B	0.33	50V	C284	ECBT1H102KB5	0.001	50V	C403	ECBT1H471KB5	470P	50V
C160	ECBT1C332MR5	3300P	16V	C301	ECEA1HU010B	1	50V	C404	ECBT1H471KB5	470P	50V
C161	ECEA1HU0R1B	0.1	50V	C302	ECBT1H101KB5	100P	50V	C405	ECEA0JU221	220	6.3V
C162	ECFR1C823MR	0.082	16V	C306	ECEA1HU010B	1	50V	C406	ECQV1H333JZ3	0.033	50V
C163	ECEA1HU2R2B	2.2	50V	C307	ECEA1AU101B	100	10V	C407	ECEA1HU010B	1	50V
C164	ECFR1C153MR	0.015	16V	C309	ECEA1CU100B	10	16V	C408	ECFR1C183KR	0.018	16V
C166	ECEA1HU010B	1	50V	C310	ECEA1HU010B	1	50V	C409	ECEA1EU4R7B	4.7	25V
C181	ECBT1H561KB5	560P	50V	C311	ECEA1HU010B	1	50V	C410	ECBT1H102KB5	0.001	50V
C182	ECFR1C473KR	0.047	16V	C312	ECBT1C103NS5	0.01	16V	C411	ECEA1HU010B	1	50V
C183	ECEA1HK0R1B	0.1	50V	C313	ECBT1H220JC5	22P	50V	C412	ECFR1C473KR	0.047	16V
C184	ECBT1H102KB5	2200P	50V	C314	ECEA1CU100B	10	16V	C413	ECEA1HU010B	1	50V
C201	ECEA1EU4R7B	4.7	25V	C315	ECBT1C103NS5	0.01	16V	C414	ECBT1H102KB5	0.001	50V
C202	ECEA1CU100B	10	16V	C316	ECBT1C103NS5	0.01	16V	C415	ECBT1H151KB5	150P	50V
C203	ECEA0JU101B	100	6.3V	C317	ECBT1H101KB5	100	50V	C416	ECBT1H221KB5	220P	50V
C204	ECEA1AU101B	100	10V	C318	ECEA1CU100B	10	16V	C417	ECBT1C332MR5	0.0033	16V
C205	ECEA1AU222B	2200	10V	C319	ECBT1H101KB5	100P	50V	C418	ECEA1HU010B	1	50V
C206	ECQV1H224JZ3	0.22	50V	C320	ECEA1CU100B	10	16V	C419	ECBT1H331KB5	330P	50V
C207	ECBT1C332MR5	3300P	16V	C321	ECEA1EU101B	100	25V	C420	ECEA1EU4R7B	4.7	25V
C208	ECBT1C332MR5	3300P	16V	C322	ECEA1CU471B	470	16V	C421	ECBT1H681KB5	680P	50V
C209	ECBT1H101KB5	100P	50V	C323	ECEA1EU472E	4700	25V	C422	ECQP1682JZ	6800P	100V
C210	ECFR1C473KR	0.047	16V	C324	ECEA1CU100B	10	16V	C423	ECEA1HU010B	1	50V
C211	ECEA1HU010B	1	50V	C325	ECEA0JU101B	100	6.3V	C424	ECEA1EU4R7B	4.7	25V
C212	ECBT1H471KB5	470P	50V	C326	ECEA1AU101B	100	10V	C425	ECEA1HFSR68T	0.68	50V
C213	ECEA0JU101B	100	6.3V	C327	ECEA1AU101B	100	10V	C426	ECEA1EU4R7B	4.7	25V
C214	ECBT1H220JC5	22P	50V	C328	ECEA1AU220B	22	10V	C501	ECBT1H102KB5	0.001	50V
C215	ECBT1C103MS5	0.01	16V	C329	ECEA1CU100B	10	16V	C502	ECEA1EU4R7B	4.7	25V
C216	ECEA1AU470B	47	10V	C330	ECEA1CU221B	220	16V	C503	ECBT1H471KB5	470P	50V
C217	ECFR1C473KR	0.047	16V	C331	ECBT1C103MS5	0.01	16V	C504	ECBT1H471KB5	470P	50V
C218	ECEA1AU470B	47	10V	C332	ECEA1EU221B	220	25V	C505	ECEA0JU221	220	6.3V
C219	ECQV1H224JZ3	0.22	50V	C333	ECEA1HU010B	1	50V	C506	ECQV1H333JZ3	0.033	50V
C220	ECBT1C332MR5	2200P	16V	C334	ECBT1H102KB5	0.001	50V	C507	ECEA1HU010B	1	50V
C221	ECEA1CU100B	10	16V	C335	ECEA1CU100B	10	16V	C508	ECFR1C183KR	0.018	16V
C251	ECEA1HU010B	1	50V	C336	ECEA0JU471B	470	6.3V	C509	ECEA1EU4R7B	4.7	25V
C252	ECBT1H471KB5	470P	50V	C337	ECBT1H102KB5	0.001	50V	C510	ECBT1H102KB5	0.001	50V
C253	ECEA1CU100B	10	16V	C340	ECEA1CU100B	10	16V	C511	ECEA1HU010B	1	50V
C254	ECBT1C222MR5	2200P	16V	C345	ECFR1C223MR	0.022	16V	C512	ECFR1C473MR	0.047	16V

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Ref No.	Part No.	Values & Remarks	
C513	ECEA1HU010B	1	50V
C514	ECBT1H102KB5	0.001	50V
C515	ECBT1H151KB5	150P	50V
C516	ECBT1H221KB5	220P	50V
C517	ECBT1C332MR5	0.0033	16V
C518	ECEA1HU010B	1	50V
C519	ECBT1H3331KB5	330P	50V
C520	ECEA1EU4R7B	4.7	25V
C521	ECBT1H681KB5	680P	50V
C522	ECQP1682JZ	0.0068	100V
C523	ECEA1HU010B	1	50V
C524	ECEA1EU4R7B	4.7	25V
C525	ECEA1HFSR68T	0.68	50V
C526	ECEA1EU4R7B	4.7	25V
C601	ECBT1H681KB5	680P	50V
C602	ECBT1H681KB5	680P	50V
C603	ECFR1C223MR	0.022	16V
C604	ECEA1AU330B	33	10V
C605	ECEA1AU101B	100	10V
C606	ECEA1HU010B	1	50V
C607	ECEA1CU100B	10	.16V
C608	ECEA1HU0R1B	0.1	50V
C609	ECFR1C223MR	0.022	16V
C610	ECQV1H474JZ3	0.47	50V
C611	ECQP1182JZ	0.0018	100V
C612	ECQP1272JZ	0.0027	100V
C613	ECQP1472JZ	0.0047	100V
C614	ECBT1C103MS5	0.01	16V
C615	ECBT1C103MS5	0.01	16V
C616	ECEA1AU101B	100	10V
C617	ECEA1HU010B	1	50V
C618	ECQV1H473JZ3	0.047	50V
C619	ECBT1H102KB5	0.001	50V
C620	ECBT1H102KB5	0.001	50V
C621	ECFR1C103KR	0.01	16V
C622	ECFR1C103KR	0.01	16V
C623	ECBT1C103MS5	0.01	16V

Ref No.	Part No.	Values & Remarks	
C624	ECEA1AU470B	47	10V
C625	ECEA1CU331B	330	16V
C626	ECEA1AU470B	47	10V
C627	ECEA1AU101B	100	10V
C628	ECEA1AU101B	100	10V
C629	ECEA1AU471B	470	10V
C630	ECEA1AU470B	47	10V
C631	ECEA1HU0R1B	0.1	50V
C632	ECEA1EU4R7B	4.7	25V
C633	ECEA0JU221	220	6.3V
C634	ECBT1C103MS5	0.01	16V
C635	ECQP2A821JZT	820P	100V
C636	ECFR1C104MR	0.1	16V
C637	ECEA1CU100B	10	16V
C638	ECEA1AU101B	100	10V
C639	ECEA1CU101B	100	16V
C801	ECEA1EU101B	100	25V
C802	ECEA1AU221B	220	10V
C803	ECBT1C103NS5	0.01	16V
C804	ECBT1C103NS5	0.01	16V
C805	ECBT1C103NS5	0.01	16V
C806	ECBT1C103NS5	0.01	16V
C807	ECEA1CU100B	10	16V
C808	ECEA1CU100B	10	16V
C809	ECBT1C103NS5	0.01	16V
C810	ECBT1C103NS5	0.01	16V
C811	ECBT1H180JC5	18P	50V
C812	ECQV1H103JZ3	0.01	50V
C813	ECBT1H220JC5	22P	50V
C814	ECBT1C103NS5	0.01	16V
C815	ECEA1AU221B	220	10V
C816	ECBT1H100JC5	10P	50V
C817	ECBT1C103NS5	0.01	16V
C818	ECBT1C103NS5	0.01	16V
C819	ECBT1C103NS5	0.01	16V
C820	ECBT1C103NS5	0.01	16V
C821	ECBT1C103NS5	0.01	16V

Ref No.	Part No.	Values & Remarks	
C822	ECBT1C103NS5	0.01	16V
C823	ECBT1C103NS5	0.01	16V
C824	ECBT1C103NS5	0.01	16V
C825	ECBT1C103NS5	0.01	16V
C826	ECBT1C103NS5	0.01	16V
C827	ECBT1C103NS5	0.01	16V
C828	ECBT1C103NS5	0.01	16V
C829	ECBT1C103NS5	0.01	16V
C830	ECBT1C103NS5	0.01	16V
C831	ECBT1H102KB5	0.001	50V
C832	ECBT1H331KB5	330P	50V
C839	ECBT1H331KB5	330P	50V
C840	ECBT1C103NS5	0.01	16V
C841	ECBT1C103NS5	0.01	16V
C842	ECBT1C103NS5	0.01	16V
C843	ECBT1C103NS5	0.01	16V
C844	ECBT1C103NS5	0.01	16V
C845	ECBT1H331KB5	330P	50V
C846	ECFR1C223MR	0.022	16V
C847	ECBT1H331KB5	330P	50V
C848	ECBT1H331KB5	330P	50V
C849	ECBT1H331KB5	330P	50V
C850	ECBT1H331KB5	330P	50V
C851	ECBT1H331KB5	330P	50V
C852	ECBT1H331KB5	330P	50V
C853	ECBT1H331KB5	330P	50V
C854	ECBT1H331KB5	330P	50V
C855	ECBT1H331KB5	330P	50V
C856	ECBT1H331KB5	330P	50V
C901	ECQV1H474JZ3	0.47	50V
C902	ECQV1H474JZ3	0.47	50V
C903	ECQV1H474JZ3	0.47	50V
C904	ECQV1H474JZ3	0.47	50V
C951	ECBT1H101KB5	100P	50V
C971	ECBT1H101KB5	100P	50V