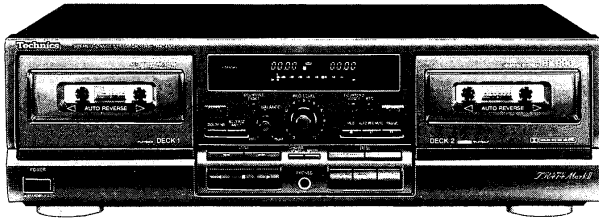


Service Manual

Dolby NR-Equipped
Stereo Double Cassette Deck

Cassette Deck
RS-TR474M2



Colour

(K) Black Type

Areas

E Europe.

EB Great Britain.

EG Germany and Italy.

* Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang and Olufsen. "DOLBY", the double-D symbol and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

AR-1 MECHANISM SERIES

Please file and use this manual together with the service manual for Model No. RS-TR474, Order No. AD9401007C5 and the supplement service manual for Model No. RS-TR474, Order No. AD9510251S5.

- Notes:**
- This simplified service manual is provided to indicate the main differences between the original model No. RS-TR474 and the subsequent model No. RS-TR474M2.
 - Refer to Schematic Diagram, Block Diagram, Printed Circuit Board Diagram, Wiring Connection Diagram, and Replacement Parts List (Electrical, Grease or Jig Tool) of this service manual.
 - Refer to original Service Manual for Accessories, Connections, Caution for AC Main Lead, Front Panel Controls, Playback, Recording, About the ATC Function, Self-Diagnostic. And with regard to another items, refer to Supplement Service Manual.

CHANGES

■ Specifications [Cover page of RS-TR474 Original Service Manual.]

RS-TR474

■ General

Weight 4.4 kg



RS-TR474M2

■ General

Weight 4.2 kg

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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■ Writing to EEPROM (Page 14 of RS-TR474 Supplement Service Manual.)

● EEPROM MAP

High Low	0	1	2	3	4	5	6	7
0	00	—	A0	A0	—	—	—	—
1	00	—	A0	50	—	—	—	—
2	—	—	A2	48	—	—	—	—
3	5A	—	—	4D	—	—	—	—
4	—	—	—	50	—	5A	6D	60
5	—	—	—	5B	—	74	8C	6A
6	—	—	—	—	—	18	28	28
7	—	—	—	—	—	71	71	76
8	—	—	—	—	—	B8	AC	B3
9	—	—	90	90	90	4D	5A	53
A	—	—	60	06	—	4C	53	48
B	—	—	5A	20	—	20	60	30
C	—	—	55	10	—	94	92	94
D	—	—	78	06	—	98	9A	80
E	—	—	50	FB	—	70	70	08
F	—	—	5B	F5	—	58	58	00

Note: At an address with no data value indicated (e.g. 01 → —), the ROM operates normally irrespective of the kind of the data supplied.

■ Measurements and Adjustments (Page 17 of RS-TR474 Supplement Service Manual.)

PLAYBACK FREQUENCY RESPONSE (DECK 1/2)

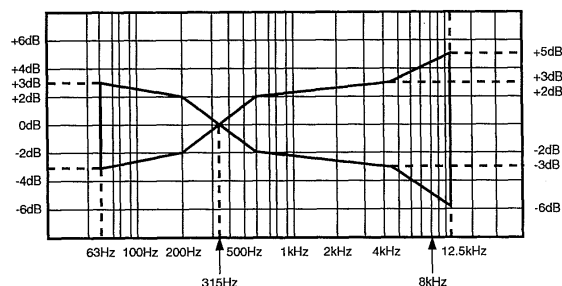


Fig. 4

CONFIRMATION OF THE OVERALL GAIN AND OVERALL FREQUENCY RESPONSE

Normal overall frequency response chart (NR OUT)

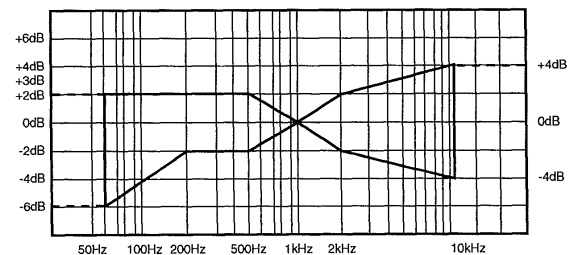


Fig. 5

CrO₂/Metal overall frequency response chart (NR OUT)

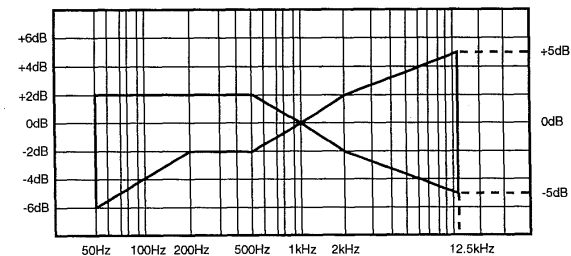


Fig. 6

Change in Replacement Parts List (Cabinet, Mechanism, Packing and accessories)

(Page 55 of RS-TR474 Supplement Service Manual.)

Notes:

* Important safety notice:

Components identified by Δ mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

* The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)

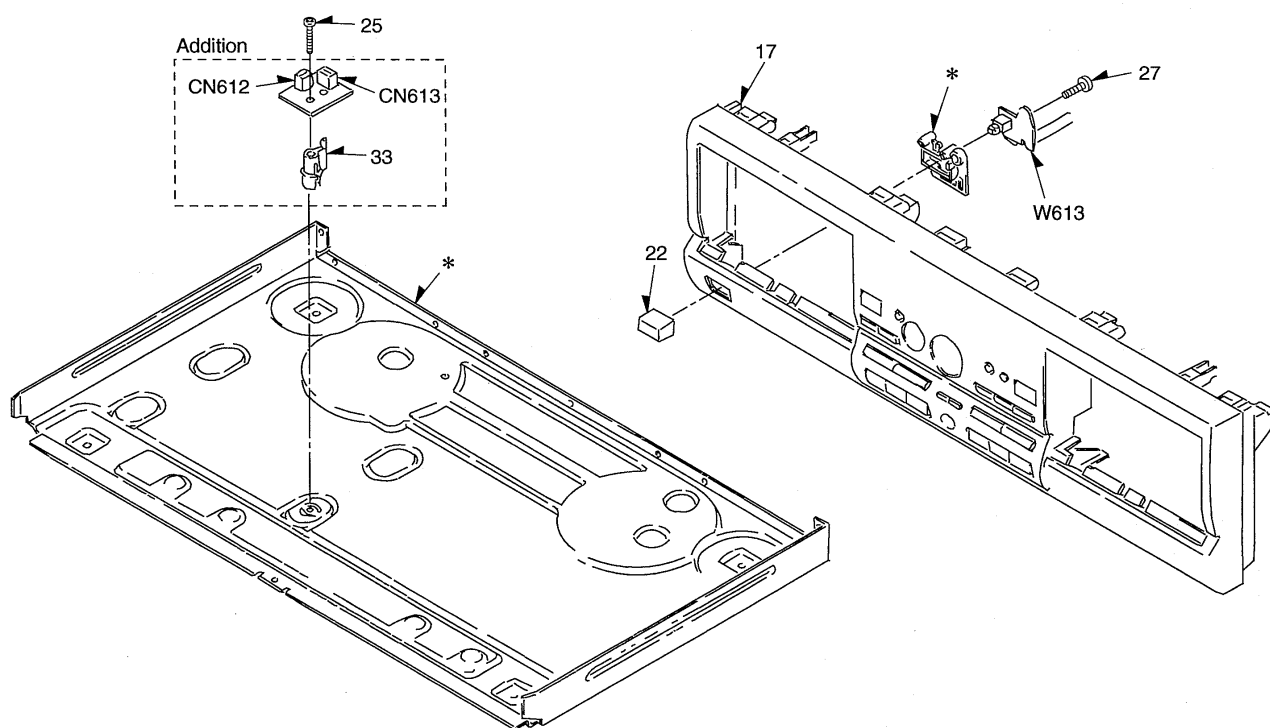
Parts without these indications can be used for all areas.

* "<IA> ~ <IE>", marks in Remarks indicate language of instruction manual.

[<IA>: English/Spanish/French, <IB>: Russian/Polish/Czeco, <IC>: German/Italian/French, <ID>: Dutch/Danish, <IE>: English]

Ref. No.	Change of Part No.		Part Name & Description	Remarks
	RS-TR474 (E,EG,EB)	➡RS-TR474M2 (E,EG,EB)		
CABINET AND CHASSIS				
2	RKM0260-K	——	CABINET	Deletion
10	RGR0228B-A1	——	REAR PANEL	Deletion
10	RGR0228B-B	——	REAR PANEL	Deletion
11	RFKJLPG460-K	——	BOTTOM CHASSIS ASS'Y	Deletion
12	RKQ0089	RKQ0089-2	P.C.B. HOLDER	
17	RFKGSTR474EZ	RYP0485H-K	FRONT PANEL	
20	RMA0766	——	ANGLE	Deletion
21	RGU1023A-K	——	BUTTON, OPERATION	Deletion
22	RGU1026-K	RGU1684-K	BUTTON, POWER	
27	——	XTBS26+10J	SCREW	Addition
33	——	RMN0392	P.C.B. HOLDER	Addition
MECHANISM PARTS (DECK 1)				
101	RXF0045	——	FLYWHEEL (F) ASS'Y	Deletion
102	RXF0046	——	FLYWHEEL (R) ASS'Y	Deletion
103	RML0272	——	SWITCH LEVER	Deletion
104	RXQ0265	——	HEAD BASE ASS'Y	Deletion
104-1	RMB0266-1	——	SPRING, FOR./REV. SIDE ROD	Deletion
104-2	RXM0036	——	FOR./REV. SIDE ROD	Deletion
109	RMB0261	——	SPRING, HEAD BASE	Deletion
110	RMB0262	——	SPRING, BRAKE ROD	Deletion
111	RMB0263	——	SPRING (F)	Deletion
112	RMB0264	——	SPRING (R)	Deletion
113	RUW147ZA	——	SPRING, TRIGGER LEVER	Deletion
114	RML0267A	——	TRIGGER LEVER	Deletion
115	RML0268A	——	FOR./REV. SIDE LEVER	Deletion
116	RMM0091A	——	BRAKE ROD	Deletion
117	RMS0398-1	——	MOVING IRON CORE	Deletion
118	RSJ0003	——	SOLENOID	Deletion
119	RUS609ZC	——	SPRING, TAPE PRESSURE	Deletion
130	RMQ0314A	——	SURASUTO SPACER	Deletion
132	RYF0263-K1	RYF0263-K2	CASSETTE HOLDER ASS'Y	
137	RMB0268	——	SPRING, HOLDER HOOK	Deletion
138	RML0271A	——	HOLDER HOOK	Deletion
139	XTW2+6S	——	SCREW	Deletion
142	XTW26+12S	——	SCREW	Deletion
143	XTW26+12S	——	SCREW	Deletion

Ref. No.	Change of Part No.		Part Name & Description	Remarks
	RS-TR474 (E,EG,EB)	→RS-TR474M2 (E,EG,EB)		
144	RFKJSCH404AK	—	SUB CHASSIS ASS'Y	Deletion
145	RFKJSCH404BK	—	CHASSIS ASS'Y	Deletion
MECHANISM PARTS (DECK 2)				
201	RXF0040	—	FLYWHEEL (F) ASS'Y	Deletion
202	RXF0047	—	FLYWHEEL (R) ASS'Y	Deletion
203	RML0272	—	SWITCH LEVER	Deletion
204	RXQ0265	—	HEAD BASE ASS'Y	Deletion
204-1	RMB0266-1	—	SPRING, FOR./REV. SIDE ROD	Deletion
204-2	RXM0036	—	FOR./REV. SIDE ROD	Deletion
209	RMB0261	—	SPRING, HEAD BASE	Deletion
210	RMB0262	—	SPRING, BRAKE ROD	Deletion
211	RMB0263	—	SPRING (F)	Deletion
212	RMB0264	—	SPRING (R)	Deletion
213	RUW147ZA	—	SPRING, TRIGGER LEVER	Deletion
214	RML0267A	—	TRIGGER LEVER	Deletion
215	RML0268A	—	FOR./REV. SIDE LEVER	Deletion
216	RMM0091A	—	BRAKE ROD	Deletion
217	RMS0398-1	—	MOVING IRON CORE	Deletion
218	RSJ0003	—	SOLENOID	Deletion
219	RUS609ZC	—	SPRING, TAPE PRESSURE	Deletion
230	RMQ0314A	—	SURASUTO SPACER	Deletion
232	RYF0363-K1	RYF0263-K2	CASSETTE HOLDER ASS'Y	
237	RMB0268	—	SPRING, HOLDER HOOK	Deletion
238	RML0271A	—	HOLDER HOOK	Deletion
239	XTW2+6S	—	SCREW	Deletion
242	XTW26+12S	—	SCREW	Deletion
243	XTW26+6L	—	SCREW	Deletion
244	RFKJSCH404AK	—	SUB CHASSIS ASS'Y	Deletion
245	RFKJSCH404BK	—	CHASSIS ASS'Y	Deletion
248	XYC26+JF6	—	SCREW	Deletion
PACKING MATERIAL				
P1	RPG1914	RPG4071	PACKING CASE	(E)
		RPG4072		(EG)
P1	RPG1915	RPG4077	PACKING CASE	(EB)
P4	XZB50X65A02	SPP723	PROTECTION BAG (UNIT)	
ACCESSORIES				
A1	RFKSSTR373E	RQT4633-E	INSTRUCTION MANUAL	(E) <IA>
		RQT4634-R	INSTRUCTION MANUAL	(E) <IB>
A1	RFKSSTR373EG	RQT4635-D	INSTRUCTION MANUAL	(EG) <IC>
		RQT4636-H	INSTRUCTION MANUAL	(EG) <ID>
A1	RQT2237-B	RQT4637-B	INSTRUCTION MANUAL	(EB) <IE>
△ A4	RJA0019-2K	RJA0019-X	AC POWER SUPPLY CORD	(E) (EG)
△ A4	VJA0733	RJA0053-2X	AC POWER SUPPLY CORD	(EB)

■ Cabinet Parts Location (Pages 42, 43 of RS-TR474 Supplement Service Manual.)

- Notes:**
- We do not supply those items of parts marked *.
 - Operation button is contained front panel [RYP0485-H] of Ref.17.
Therefore we don't supply operation button by single parts.

■ Schematic Diagram (See parts list on pages 23 ~ 26.)

(This schematic diagram may be modified at any time with the development of new technology.)

A MAIN CIRCUIT	10 ~ 12	G POWER SWITCH CIRCUIT	9
B MECHANISM CONTROL CIRCUIT (DECK 2)	7, 8	H MECHANISM CIRCUIT (DECK 1)	13
C CONNECTOR CIRCUIT	7	I MECHANISM CONTROL CIRCUIT (DECK 1)	12
D DOLBY NOISE REDUCTION CIRCUIT	9	J HEADPHONES JACK CIRCUIT	13
E MECHANISM CIRCUIT (DECK 2)	9	K CONNECTION CIRCUIT	9
F FL CIRCUIT	13		

Notes:

- **SW601**: Power "STANDBY \odot /ON" (POWER, STANDBY \odot /ON) switch.
- **S702**: Stop (DECK 1) (■) switch.
- **S703**: Forward-side playback switch (▶). (DECK 1)
- **S704**: Forward-side playback switch (◀). (DECK 1)
- **S705**: Fast-forward search switch (▶▶ TPS). (DECK 1)
- **S706**: Rewind search switch (◀◀ TPS). (DECK 1)
- **S707**: Open/close switch (▲ OPEN/CLOSE). (DECK 1)
- **S708**: Dolby noise-reduction switch (DOLBY NR; \square , \square)
- **S709**: Reverse-mode select switch (REVERSE MODE).
- **S710**: Synchro-start switch (SYNCHRO START).
- **S711**: Tape-to-tape recording-speed switch (SPEED; X1, X2).
- **S712**: Counter reset switch (COUNTER 2 RESET). (DECK 2)
- **S713**: Auto tape calibration switch (ATC).
- **S714**: Stop (DECK 2) (■) switch.
- **S715**: Forward-side playback switch (▶). (DECK 2)
- **S716**: Reverse-side playback switch (◀). (DECK 2)
- **S717**: Fast-forward search switch (▶▶ TPS). (DECK 2)
- **S718**: Rewind search switch (◀◀ TPS). (DECK 2)
- **S719**: Open/close switch (▲ OPEN/CLOSE). (DECK 2)
- **S720**: Record switch (● REC). (DECK 2)
- **S721**: Pause switch (■ PAUSE). (DECK 2)
- **S722**: Automatic-record-muting switch (● AUTO REC MUTE). (DECK 2)
- **S723**: Counter reset switch (COUNTER 1 RESET). (DECK 1)
- **S801**: DECK 1 Cassette holder open detection switch in "off" position.
- **S802**: DECK 1 Cassette holder close detection switch in "off" position.
- **S851**: DECK 2 Cassette holder open detection switch in "off" position.
- **S852**: DECK 2 Cassette holder close detection switch in "off" position.
- **S971**: DECK 1 Mode switch in "off" position.
- **S971A**: DECK 2 Mode switch in "off" position.
- **S972**: DECK 1 Half switch in "off" position.
- **S972A**: DECK 2 Half switch in "off" position.
- **S973**: DECK 1 ATS (CrO₂) switch in "off" position.
- **S973A**: DECK 2 ATS (CrO₂) switch in "off" position.
- **S974A**: DECK 2 Reverse rec. inhibit switch in "off" position.
- **S975A**: DECK 2 Forward rec. inhibit switch in "off" position.
- **S976A**: DECK 2 ATS (Metal) switch in "off" position.

- Resistance are in ohms (Ω), 1/4 watt (W) unless specified otherwise.
1K=1.000 (Ω), 1M=1.000k (Ω)
- Capacity are in micro-farads (μ f) unless specified otherwise.
- All voltage values shown in circuitry are under no signal condition and playback mode with volume control at minimum position otherwise specified.
()..... Voltage values at record mode.
For measurement us EVM.
- 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.
- ($\text{---} < +B > \text{---}$) indicates +B (bias).
- ($\text{---} < -B > \text{---}$) indicates -B (bias).
- ($\text{---} \rightarrow$) indicates the flow of the playback signal.
- ($\text{---} \Rightarrow$) indicates the flow of the record signal.
- The supply part number is described alone in the replacement parts list.

Ref. No.	Production Part No.	Supply Part No.
IC4	BA4560FT1	SVIBA4560FT1

Caution!

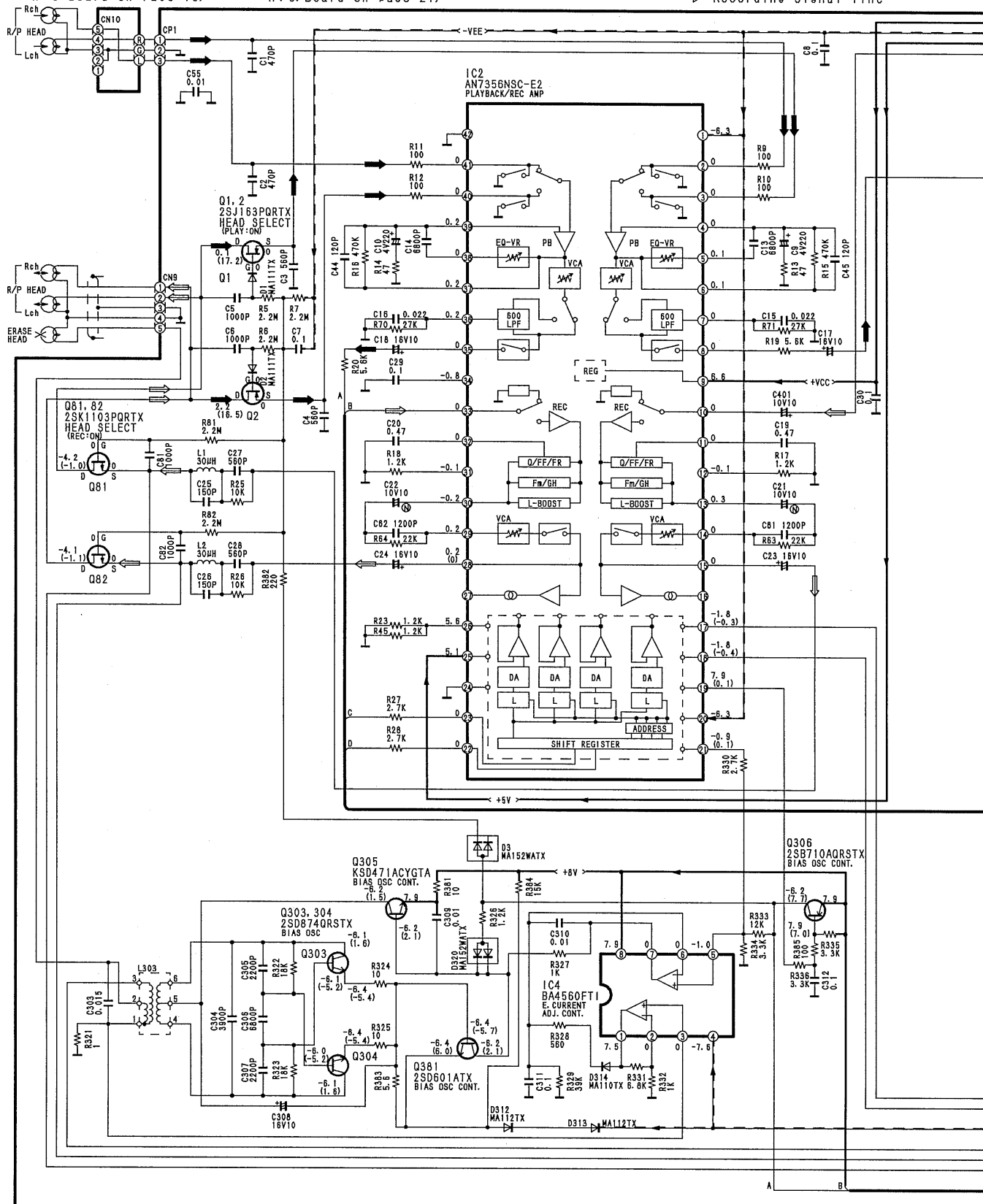
IC and LSI are sensitive to static electricity.

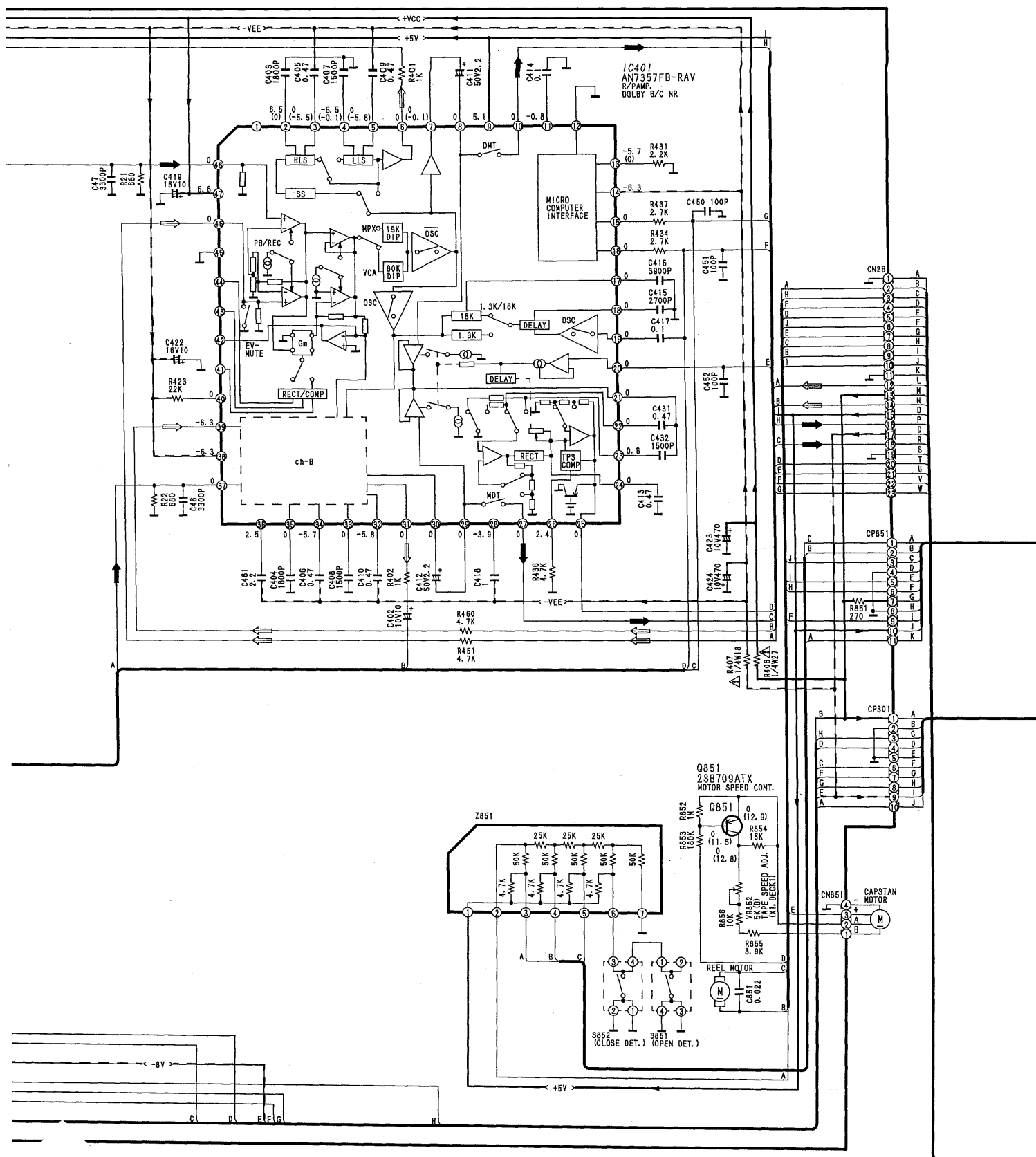
Secondary trouble can be prevented by taking care during repair.

- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the pins of IC of LSI with fingers directly.

C CONNECTOR CIRCUIT
 (P. C. Board: on page 19)

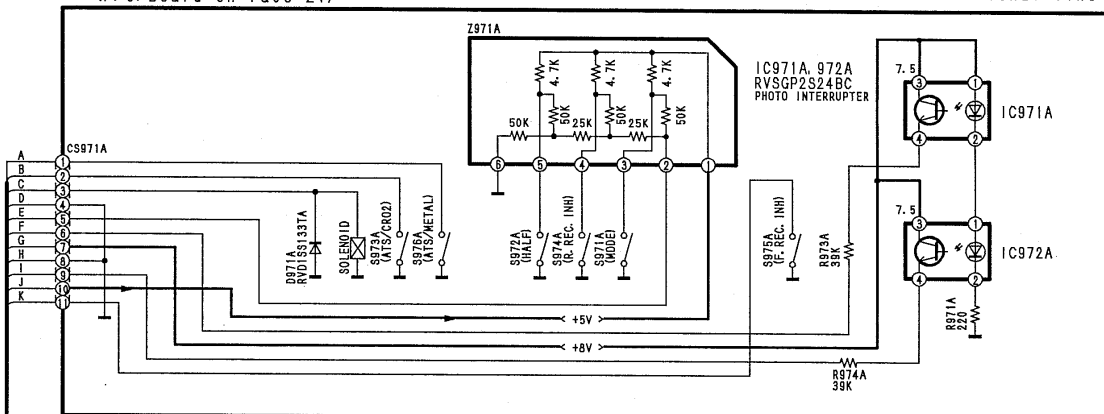
B MECHANISM CONTROL CIRCUIT (DECK2)
 (P. C. Board: on page 21)

 Notes:  : Playback signal line
 : Recording signal line


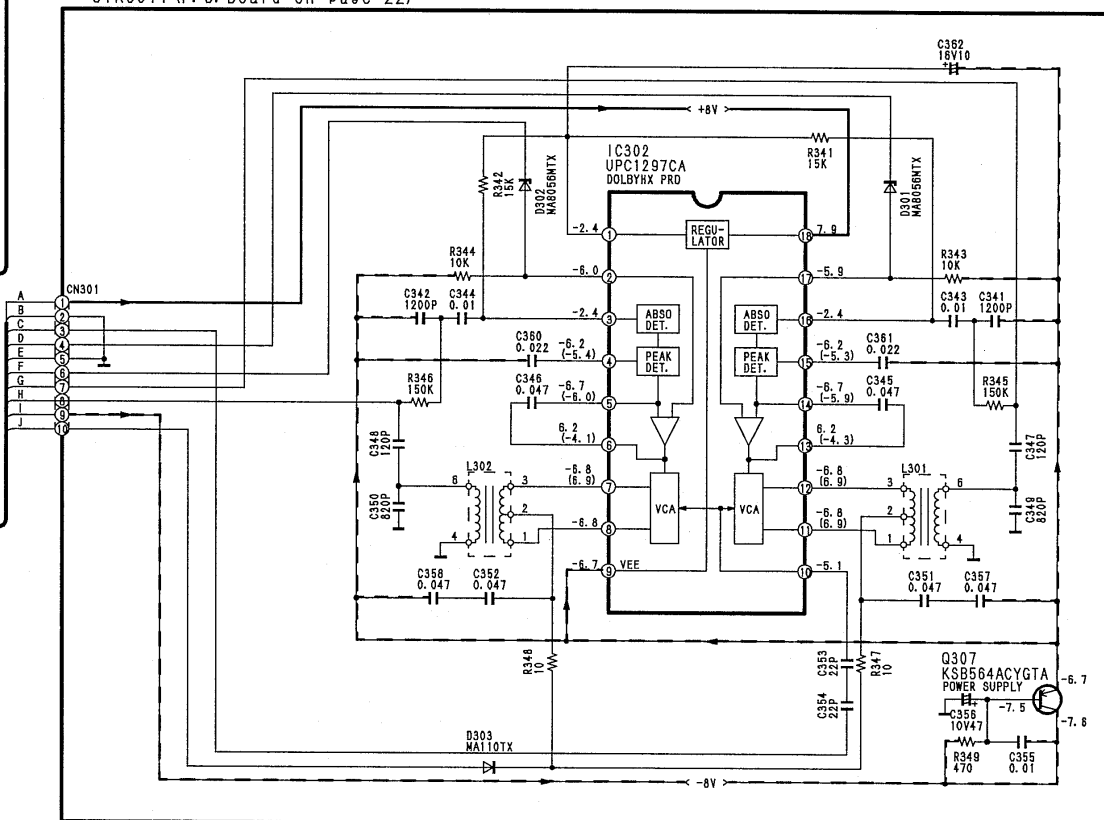


E MECHANISM CIRCUIT (DECK2)
(P. C. Board: on page 21)

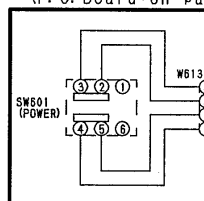
Notes:  : Playback signal line
 : Recording signal line



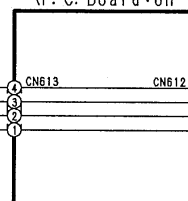
D DOLBY NOISE REDUCTION CIRCUIT
CIRCUIT (P. C. Board: on page 22)



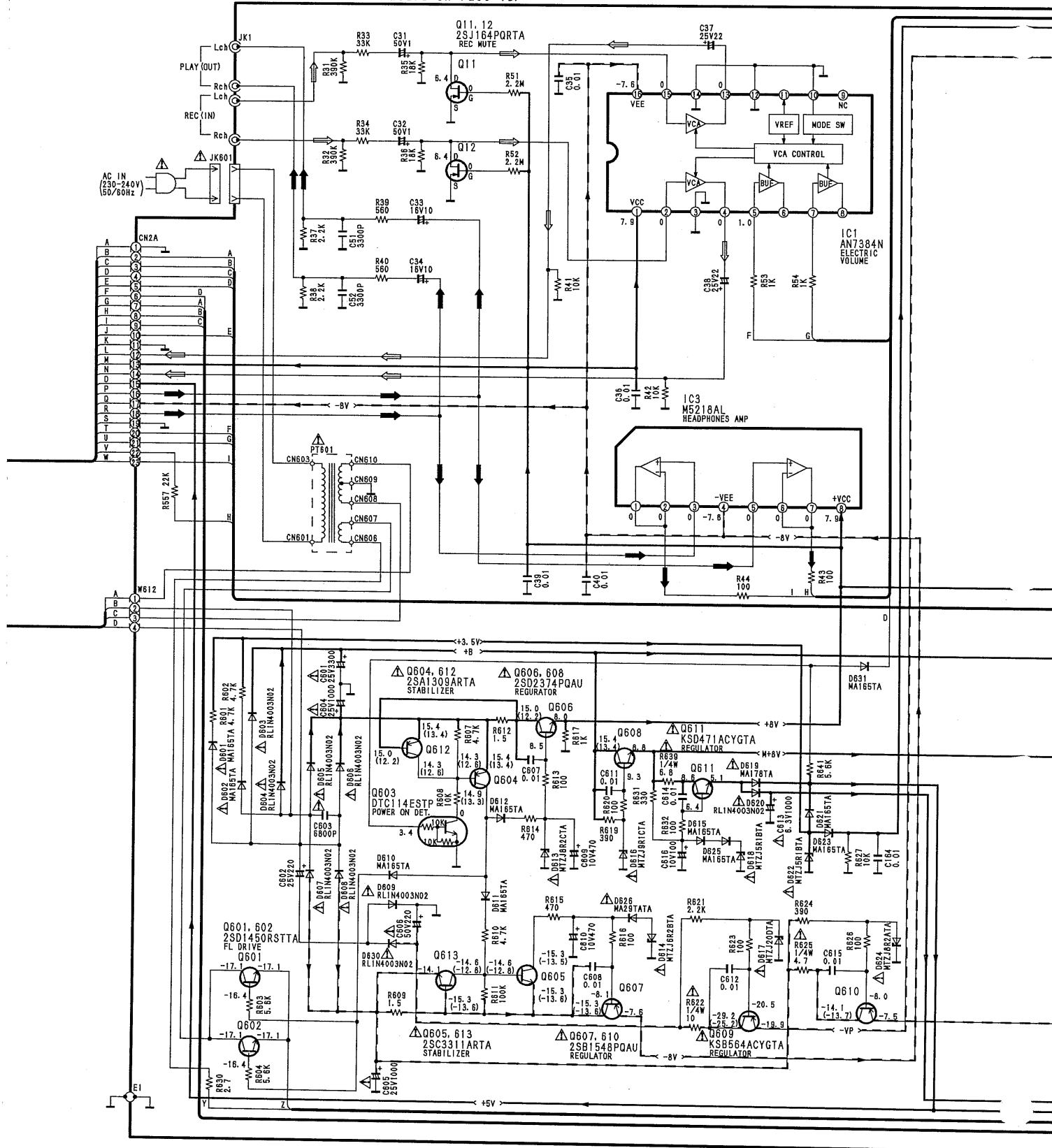
G POWER SWITCH CIRCUIT
(P. C. Board: on page 19)



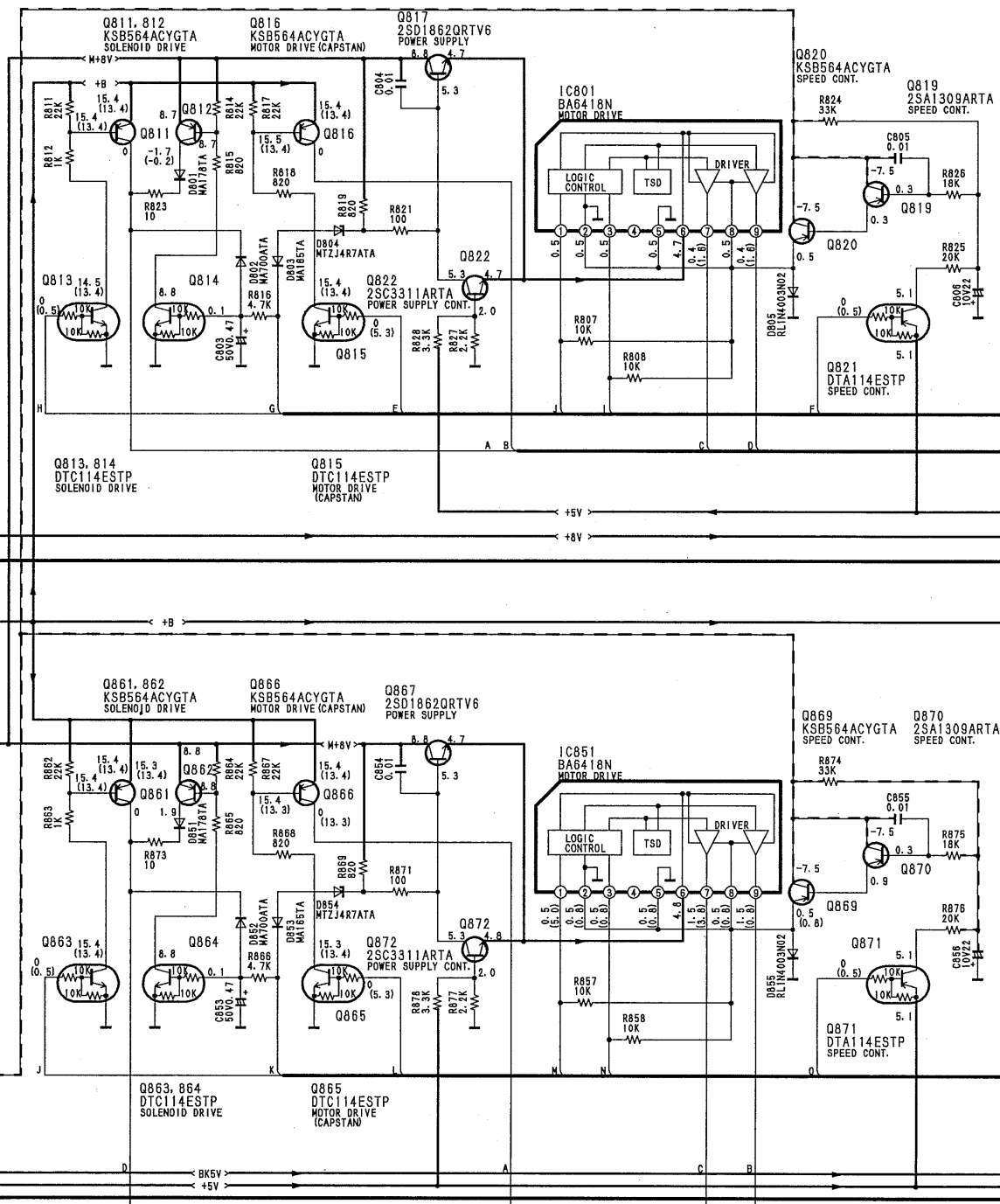


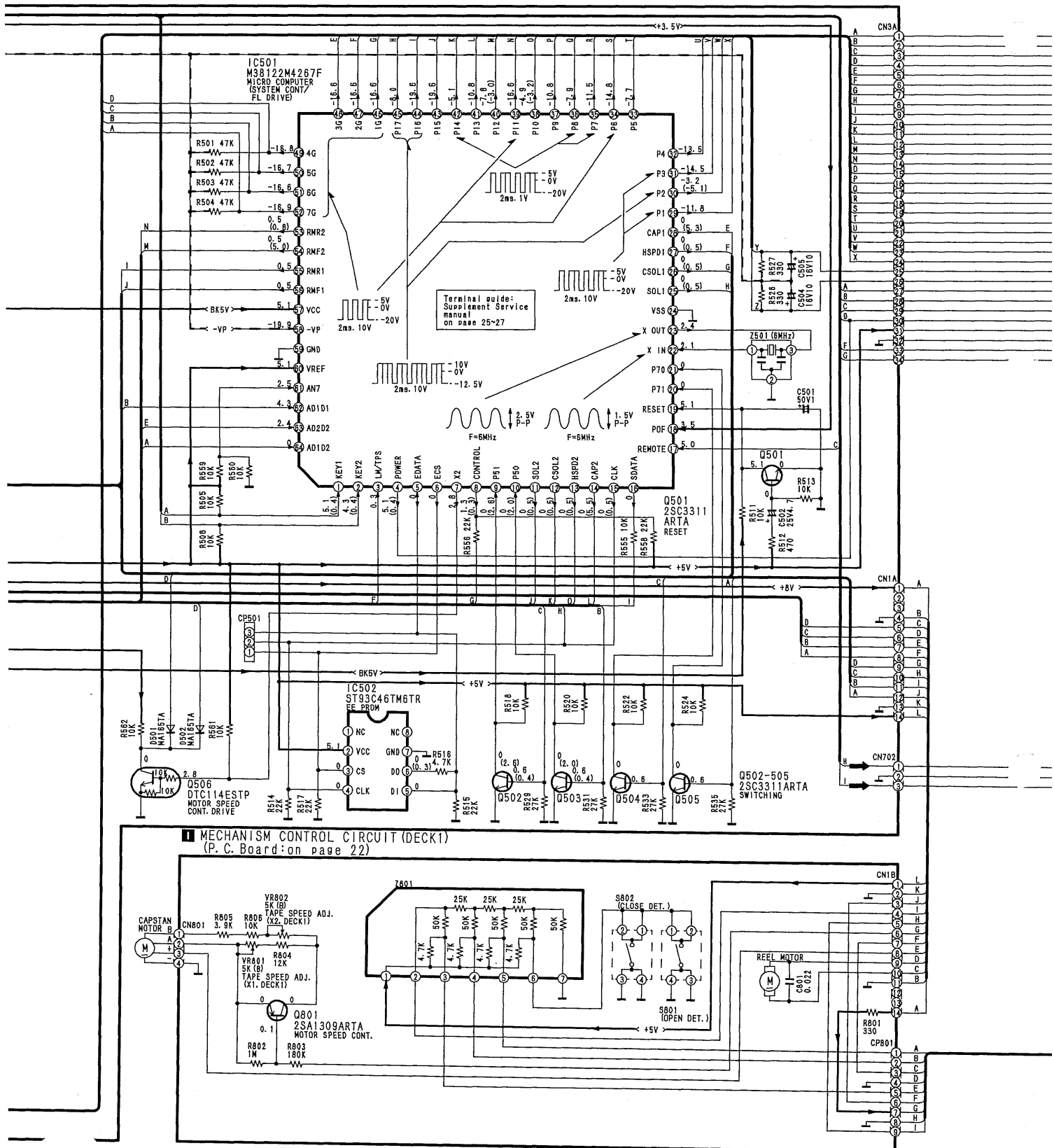
K CONNECTION CIRCUIT
(P. C. Board: on page 19)



A MAIN CIRCUIT (P. C. Board: on page 18)

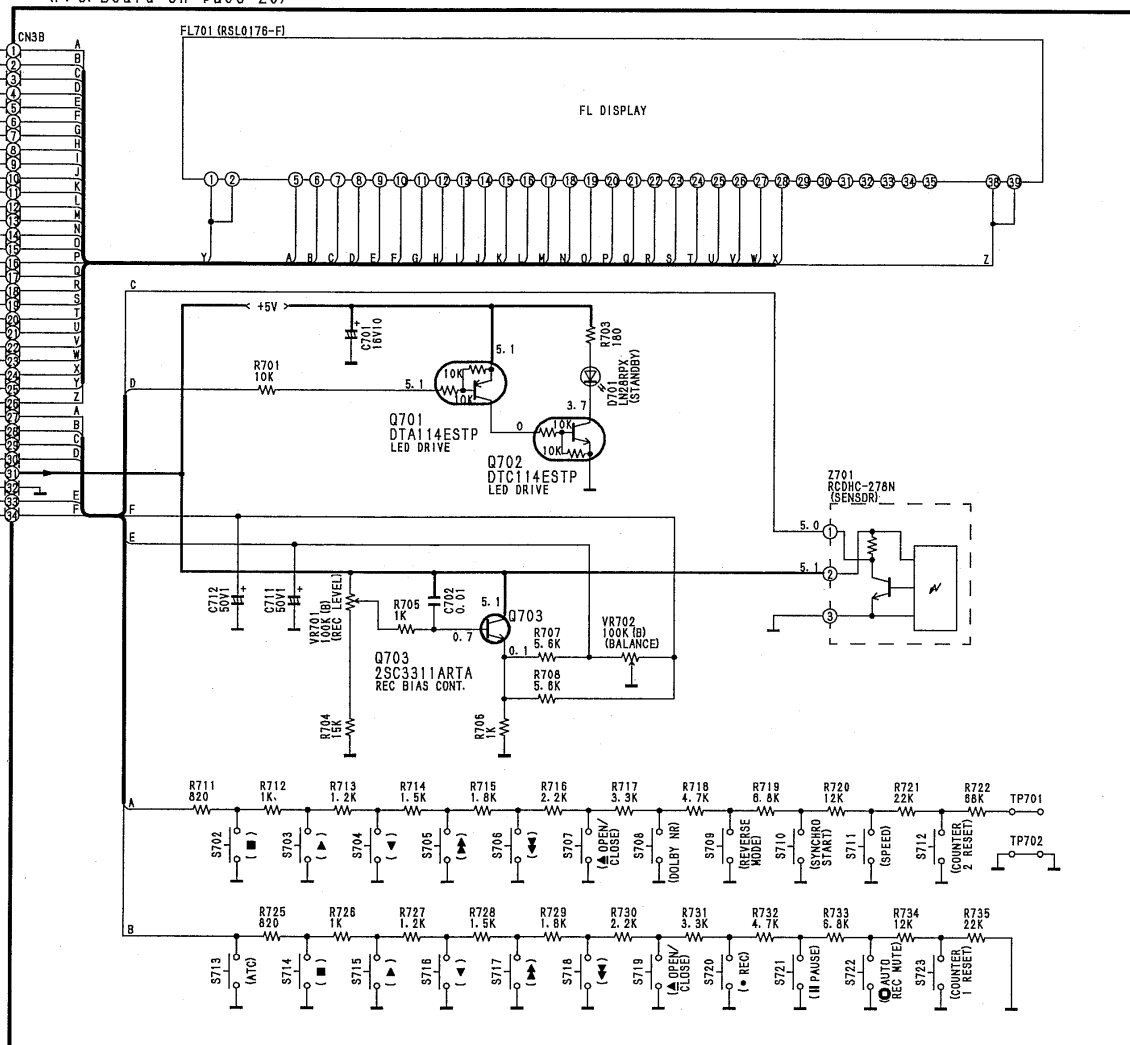


Notes: : Playback signal line: Recording signal line

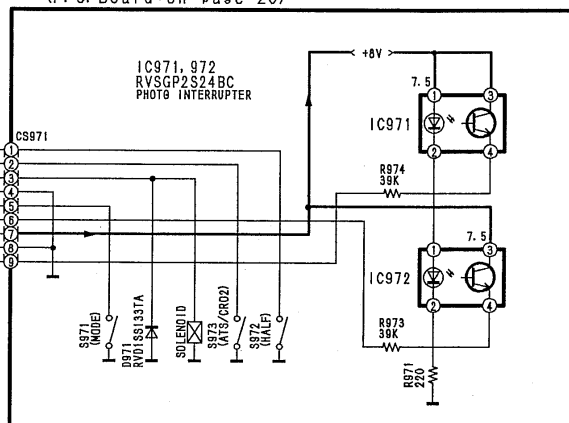


F FL CIRCUIT
(P. C. Board: on page 20)

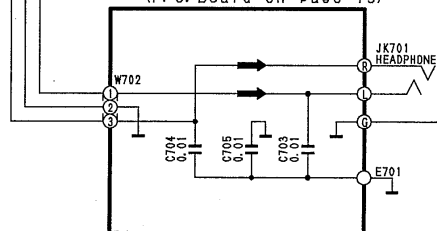
Note: \rightarrow : Playback signal line



H MECHANISM CIRCUIT (DECK1)
(P. C. Board: on page 20)

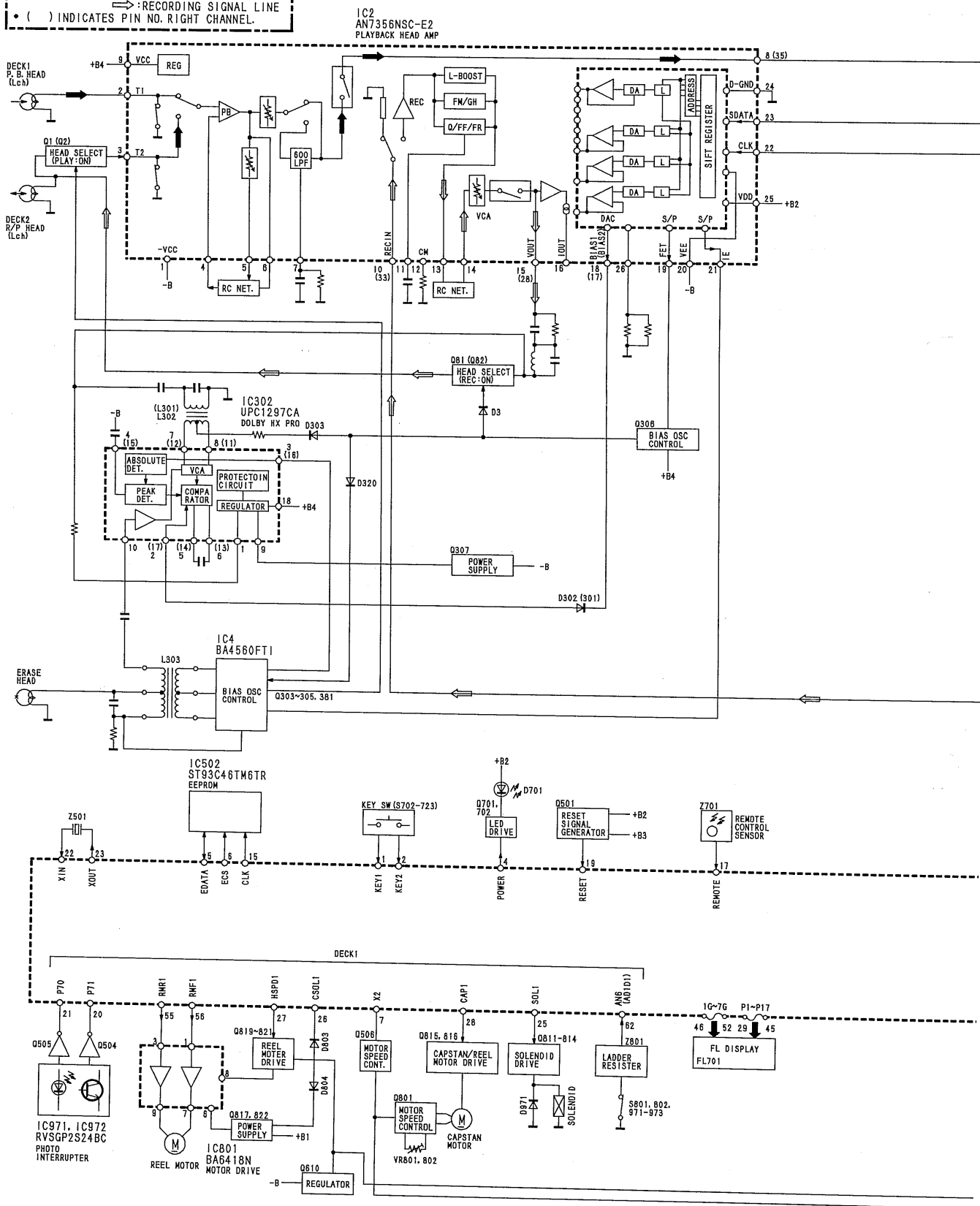


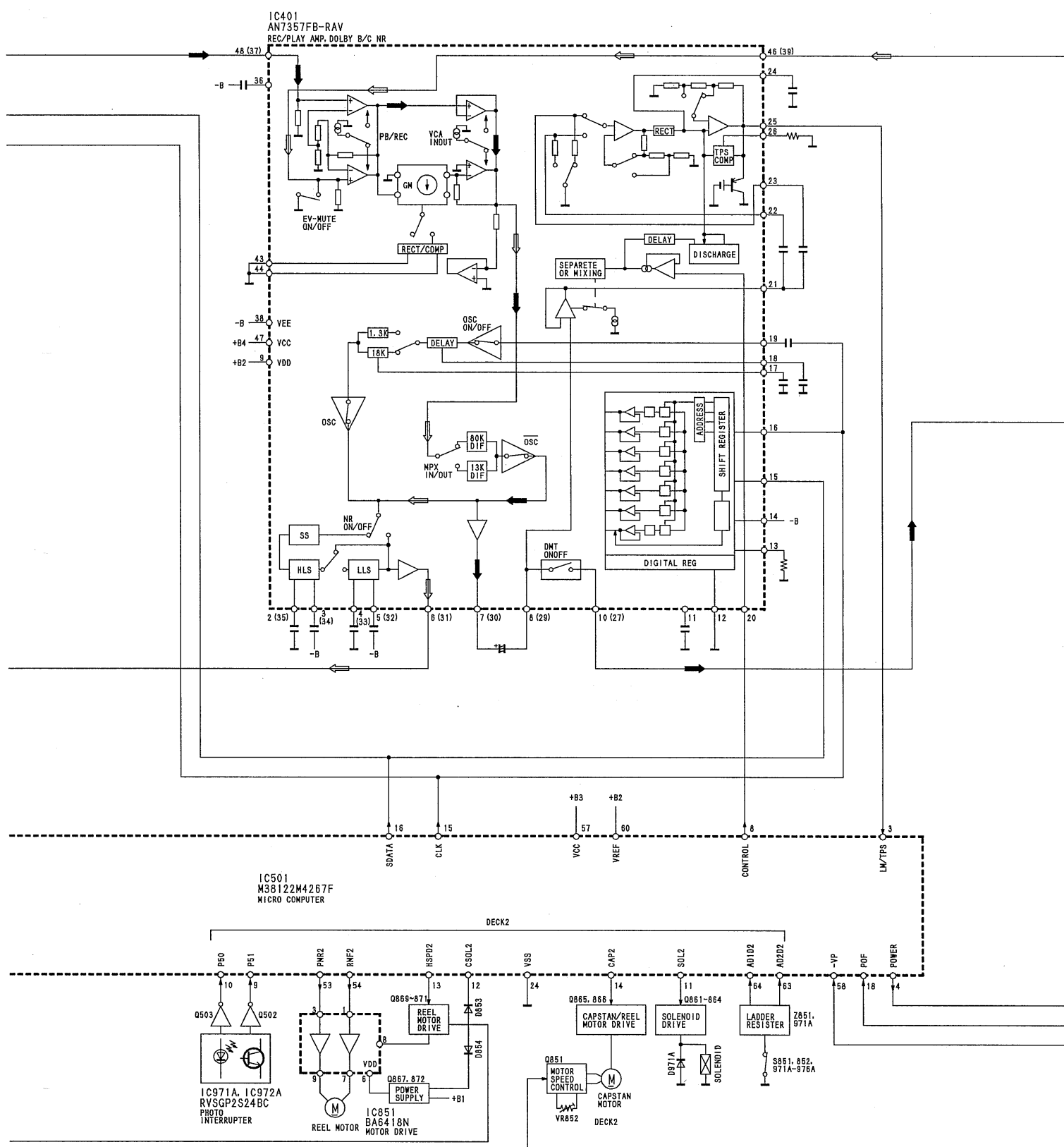
J HEADPHONES JACK CIRCUIT
(P. C. Board: on page 19)

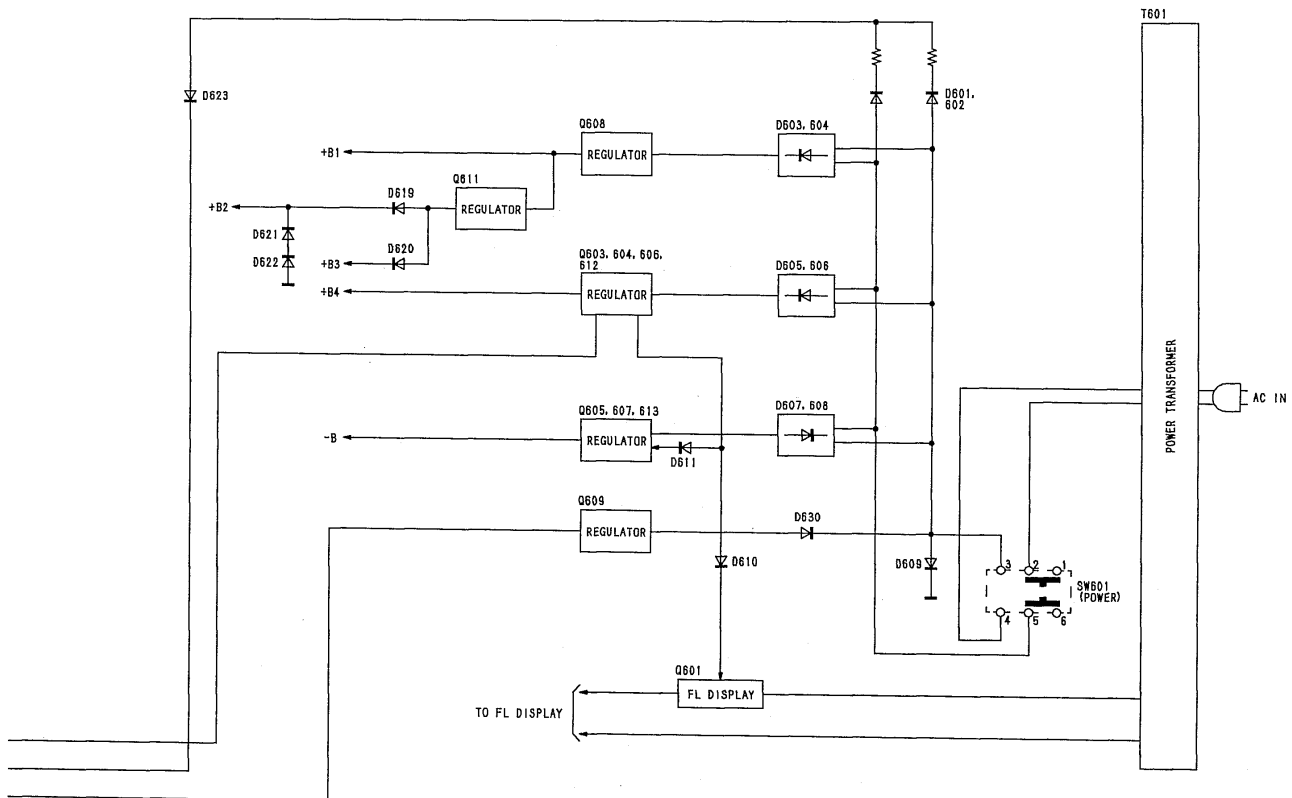
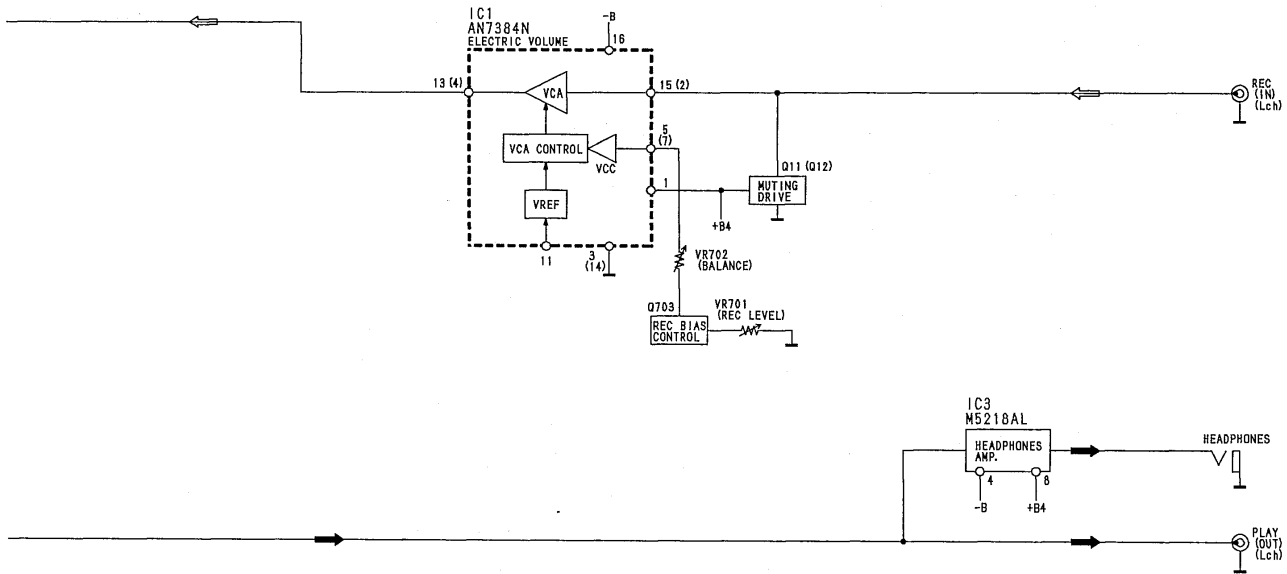


Block Diagram

- NOTES**
- SIGNAL LINE \Rightarrow :PLAYBACK SIGNAL LINE
 - () INDICATES PIN NO. RIGHT CHANNEL.



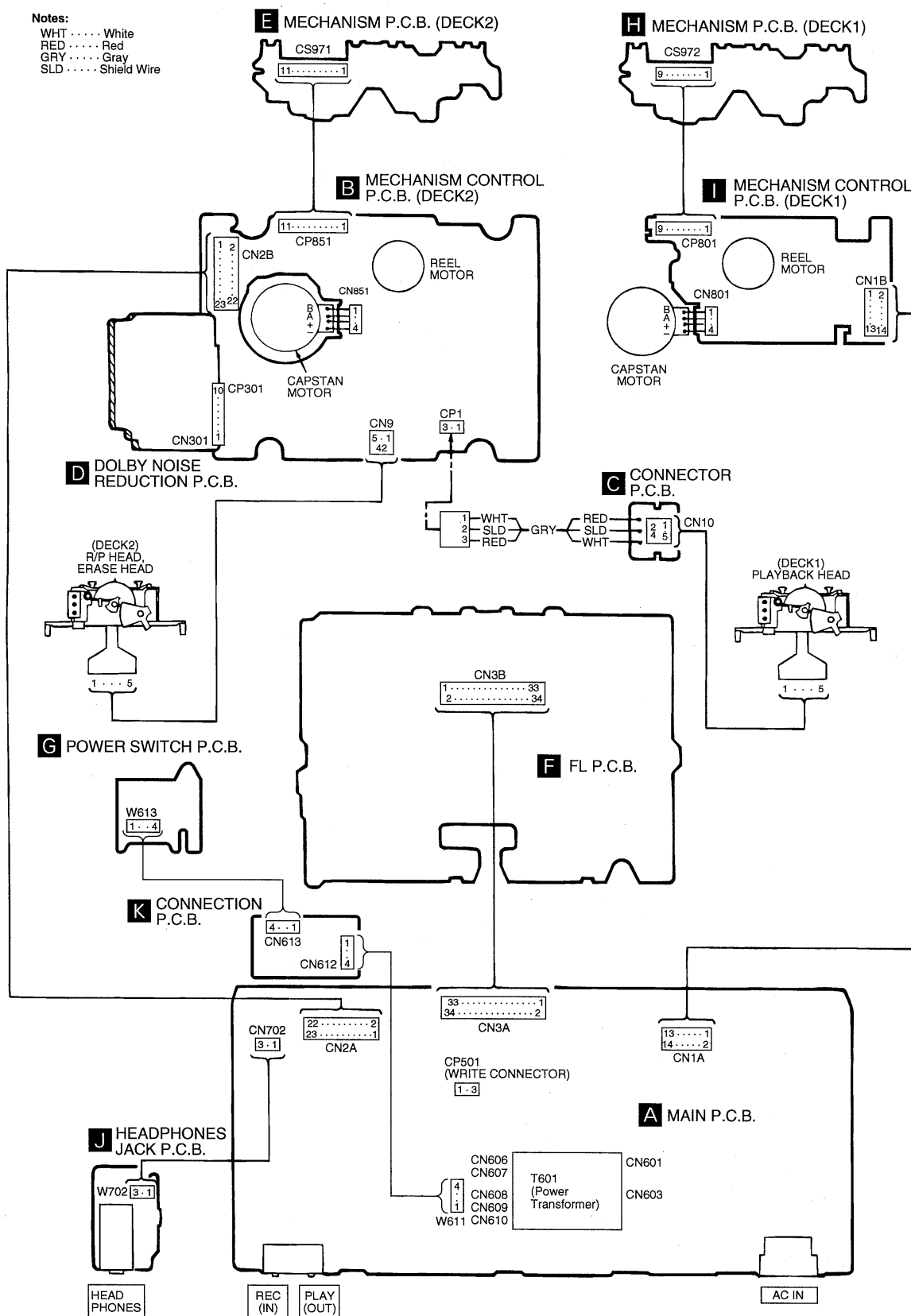




Wiring Connection Diagram

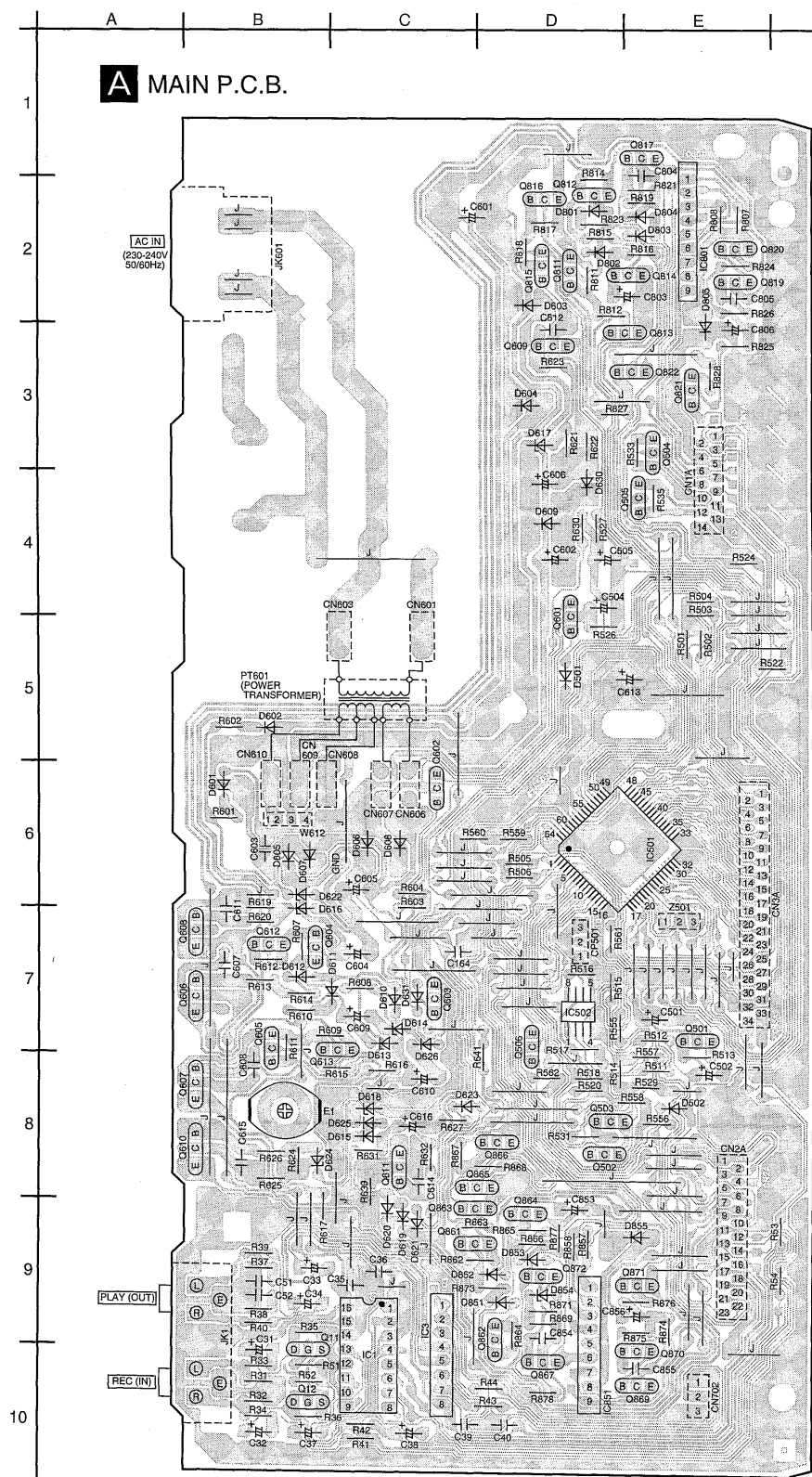
Notes:

WHT White
 RED Red
 GRY Gray
 SLD Shield Wire



■ Printed Circuit Board Diagram

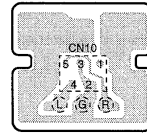
(This printed circuit board diagram may be modified at any time with the development of new technology.)



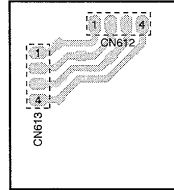
Electrical Parts Location

MAIN P.C.B.							
IC1	10C	D615	8C	C607	7B	R561	7D
IC3	10C	D616	7B	C608	8B	R562	8D
IC501	6D	D617	3D	C609	7C	R601	6B
IC502	7D	D618	8C	C610	8C	R602	5B
IC801	2E	D619	9C	C611	7B	R603	7C
IC851	9D	D620	9C	C612	3D	R604	6C
Q11	10B	D621	9C	C613	5E	R607	7B
Q12	10B	D622	6B	C614	8C	R608	7C
Q501	7E	D623	8C	C615	8B	R609	7C
Q502	8D	D624	8B	C616	8C	R610	7B
Q503	8D	D625	8C	C803	2E	R611	7B
Q504	3E	D626	7C	C804	2E	R612	7B
Q505	4E	D630	4D	C805	2E	R613	7B
Q506	7D	D631	7C	C806	3E	R614	7B
Q601	5D	D801	2D	C853	9D	R615	8C
Q602	6C	D802	2D	C854	9D	R616	8C
Q603	7C	D803	2E	C855	10E	R617	9B
Q604	7B	D804	2E	C856	9E	R619	7B
Q605	7B	D805	3E	R31	10B	R620	7B
Q606	7B	D851	9D	R32	10B	R621	3D
Q607	8B	D852	9D	R33	10B	R622	3D
Q608	7B	D853	9D	R34	10B	R623	3D
Q609	3D	D854	9D	R35	9B	R624	8B
Q610	8B	D855	9E	R36	10B	R625	8B
Q611	8C	CN601	5C	R37	9B	R626	8B
Q612	7B	CN603	5C	R38	9B	R627	8C
Q613	7C	CN606	6C	R39	9B	R631	8C
Q811	2D	CN607	6C	R40	9B	R632	8C
Q812	2D	CN608	6B	R41	10C	R639	8C
Q813	3E	CN609	6B	R42	10C	R641	7D
Q814	2E	CN610	6B	R43	10D	R807	2E
Q815	2D	CN702	10E	R44	10D	R808	2E
Q816	2D	CN1A	4E	R51	10B	R811	2D
Q817	1E	CN2A	9E	R52	10B	R812	2D
Q819	2E	CN3A	6E	R53	9F	R814	2D
Q820	2E	CP501	7D	R54	9F	R815	2D
Q821	3E	E1	8B	R501	5E	R816	2E
Q822	3E	JK1	9B	R502	5E	R817	2D
Q861	9D	JK601	2B	R503	4E	R818	2D
Q862	9D	PT601	5C	R504	4E	R819	2E
Q863	9D	W612	6B	R505	6D	R821	2E
Q864	9D	Z501	7E	R506	6D	R823	2D
Q865	8D	C31	10B	R511	8E	R824	2E
Q867	10D	C32	10B	R512	7E	R825	3E
Q868	8D	C33	9B	R513	7E	R826	2E
Q869	10E	C34	9B	R514	8D	R826	3E
Q870	9E	C35	9C	R515	7D	R827	3D
Q871	9E	C36	9C	R516	7D	R857	9D
Q872	9D	C37	10B	R517	7D	R858	9D
D501	5D	C38	10C	R518	8D	R862	9D
D502	8E	C39	10C	R520	8D	R863	9D
D601	6B	C40	10D	R522	5F	R864	9D
D602	5B	C51	9B	R524	4E	R865	9D
D603	2D	C52	9B	R526	5D	R866	9D
D604	3D	C164	7C	R527	4D	R867	8C
D605	6B	C501	7E	R529	8E	R868	8D
D606	6C	C502	8E	R531	8D	R869	9D
D607	6B	C504	4D	R533	3E	R871	9D
D608	6C	C505	4D	R535	4E	R873	9D
D609	4D	C601	2C	R555	7D	R874	9E
D610	7C	C602	4D	R556	8E	R875	9E
D611	7C	C603	6B	R557	7E	R876	9E
D612	7B	C604	7C	R558	8E	R877	9D
D613	7C	C605	6C	R559	6D	R878	10D
D614	7C	C606	4D	R560	6C		

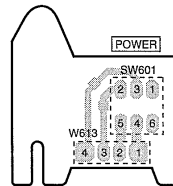
C CONNECTOR P.C.B.



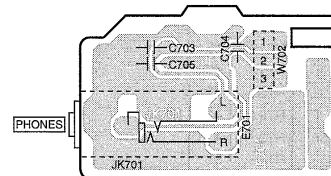
K CONNECTION P.C.B.

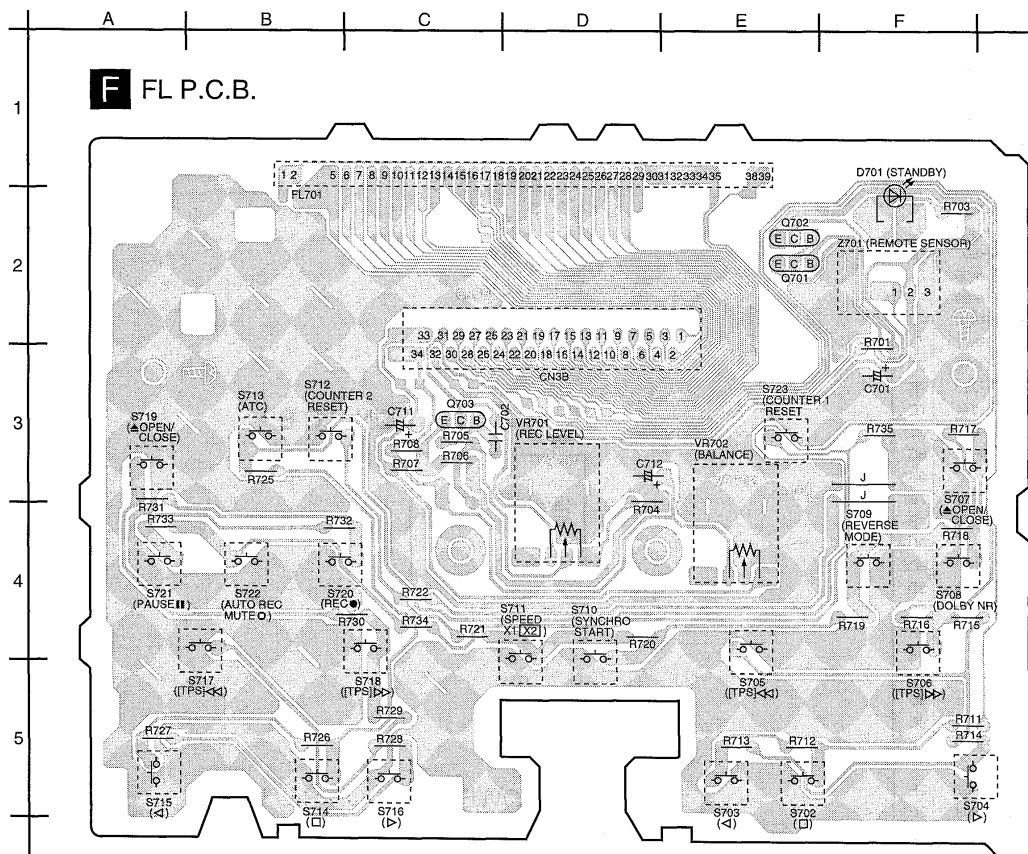


G POWER SWITCH P.C.B.



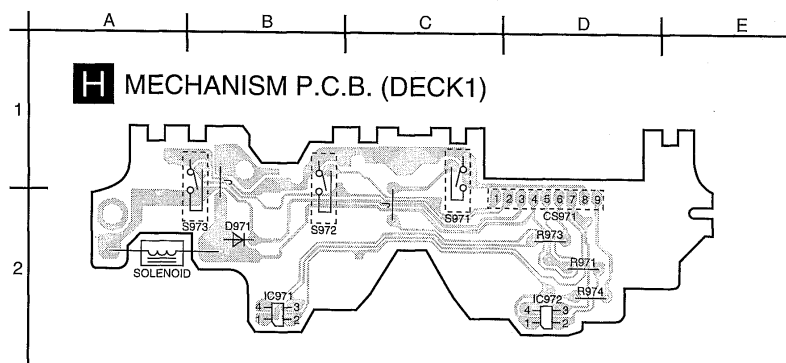
J HEADPHONES JACK P.C.B.





Electrical Parts Location

FL P.C.B.					
Q701	2E	S718	4C	R713	5E
Q702	2E	S719	3A	R714	5F
Q703	3C	S720	4B	R715	4F
D701	2F	S721	4A	R716	4F
CN3B	2D	S722	4B	R717	3F
FL701	1C	S723	3E	R718	4F
S702	5E	VR701	3D	R719	4F
S703	5E	VR702	3E	R720	4D
S704	5F	Z701	2F	R721	4C
S705	4E	C701	3F	R722	4C
S706	4F	C702	3C	R725	3B
S707	3F	C711	3C	R726	5B
S708	4F	C712	3D	R727	5A
S709	4F	R701	2F	R728	5C
S710	4D	R703	2F	R729	5C
S711	4D	R704	3D	R730	4C
S712	3B	R705	3C	R731	3A
S713	3B	R706	3C	R732	4B
S714	5B	R707	3C	R733	4A
S715	5A	R708	3C	R734	4C
S716	5C	R709	3C	R735	3F
S717	4B	R712	5E		

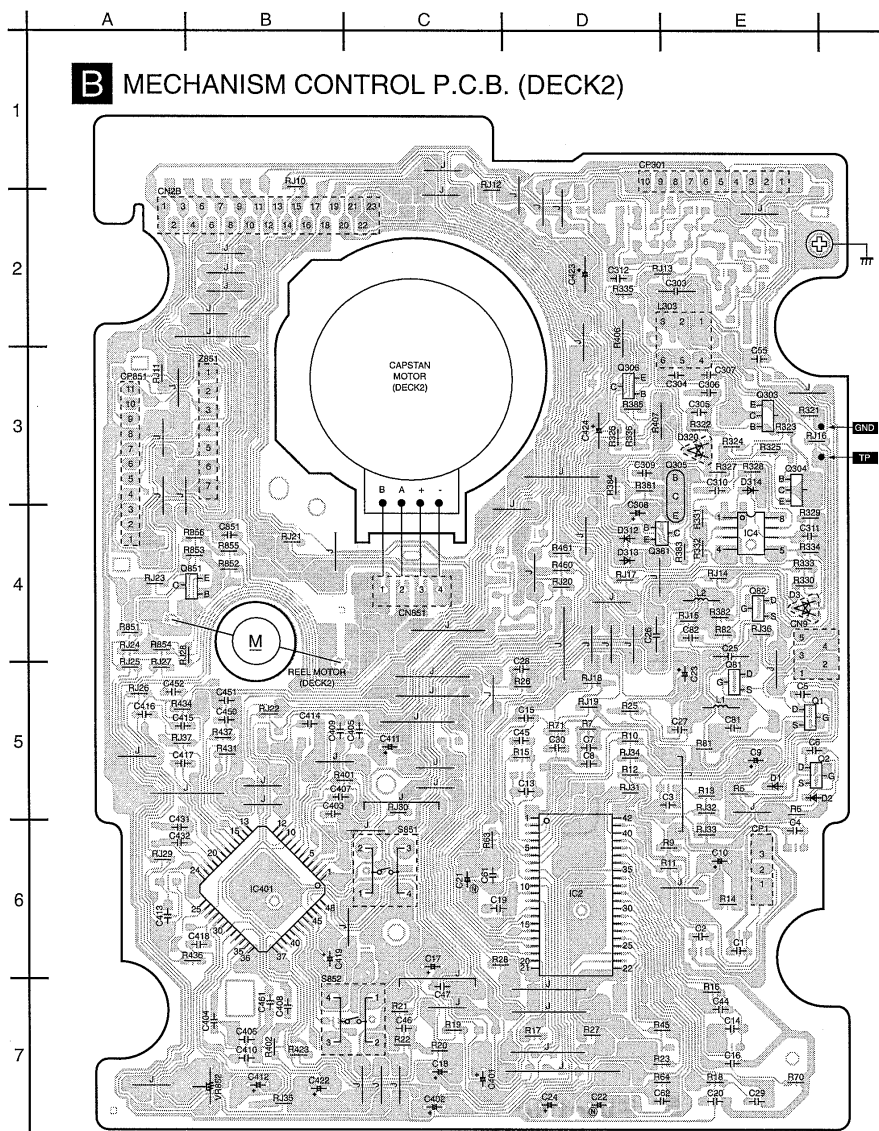


Electrical Parts Location

MECHANISM P.C.B. (DECK 1)			
IC971	2B	S972	2B
IC972	2D	S973	2B
D971	2B	R971	2D
CS971	2D	R973	2D
S971	2C	R974	2D

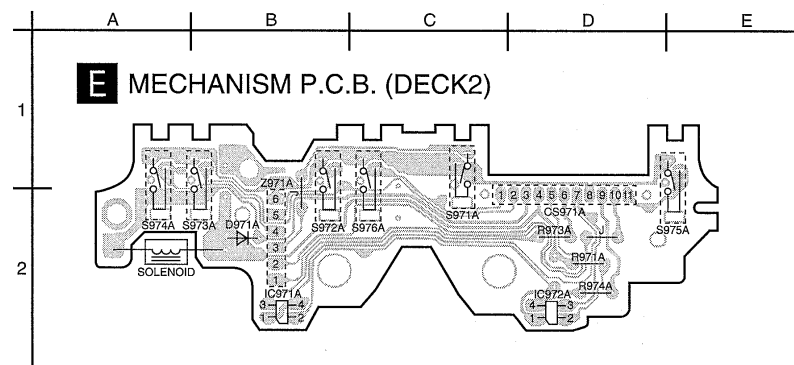
Electrical Parts Location

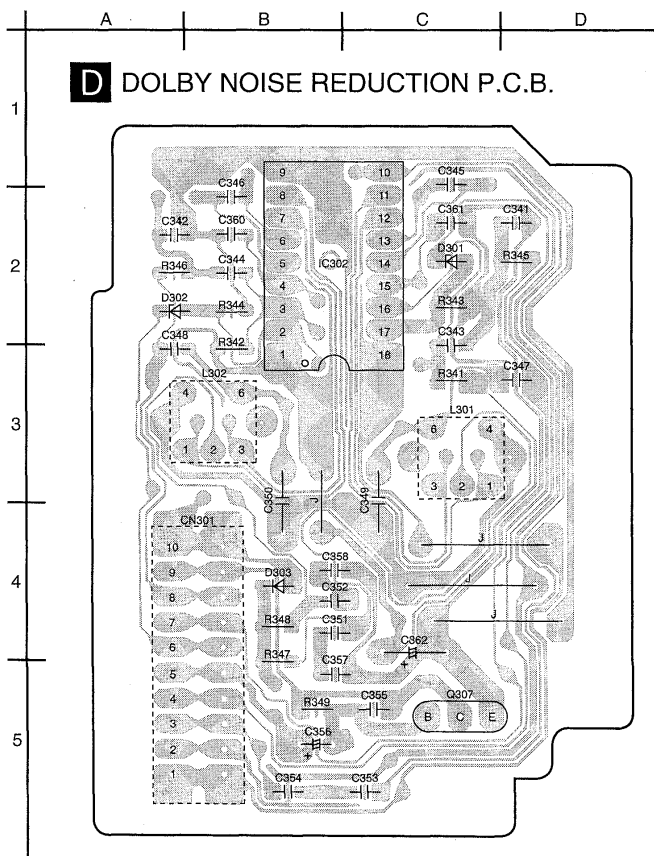
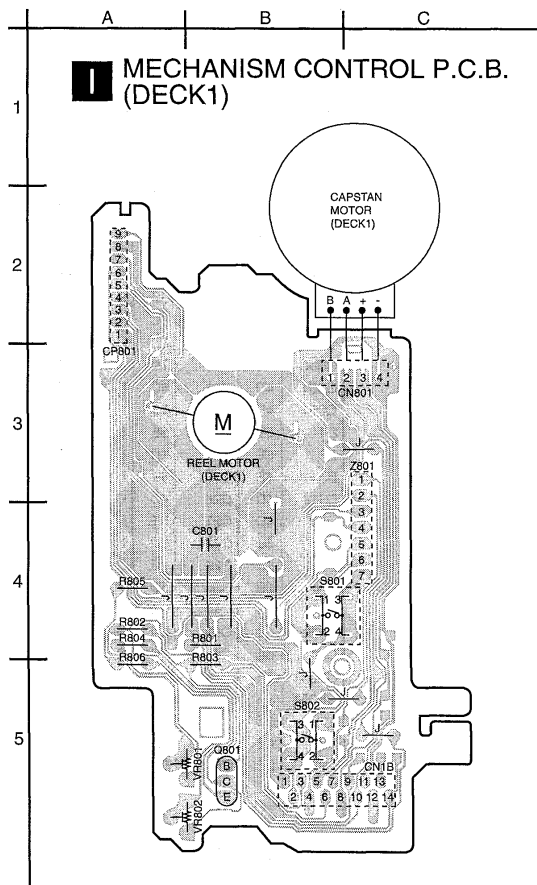
MECHANISM P.C.B. (DECK 2)			
IC971A	2B	S974A	2A
IC972A	2D	S975A	2E
D971A	2B	S976A	2C
CS971A	2D	Z971A	2B
S971A	2C	R971A	2D
S972A	2B	R973A	2D
S973A	2B	R974A	2D



Electrical Parts Location

MECHANISM CONTROL P.C.B. (DECK 2)					
IC2	6D	C9	5E	R5	5E
IC4	4E	C10	6E	R6	6E
IC401	6B	C13	5D	R7	5D
Q1	5E	C14	7E	R9	6E
Q2	5E	C15	5D	R10	5D
Q81	5E	C16	7E	R11	6E
Q82	4E	C17	6C	R12	5D
Q303	3E	C18	7C	R13	5E
Q304	3E	C19	6C	R14	6E
Q306	3D	C20	7E	R15	5D
Q381	4D	C21	6C	R16	7E
Q851	4B	C22	7D	R17	7D
D1	5E	C23	5E	R18	7E
D2	5E	C24	7D	R19	7C
D3	4E	C25	4E	R20	7C
D312	4D	C26	4D	R21	7C
D313	4D	C27	5E	R22	7C
D314	3E	C28	5D	R23	7D
D320	3E	C29	7E	R25	5D
CN2B	2B	C30	5D	R26	5D
CN9	4E	C44	7E	R27	7D
CN851	4C	C45	5D	R28	6C
CP1	6E	C46	7C	R46	7D
CP301	1E	C47	7C	R63	6C
CP851	3A	C55	3E	R64	7D
L1	5E	C61	6C	R70	7E
L2	4E	C62	7D	R71	5D
L303	2E	C81	5E	R81	5E
RJ10	1B	C82	4E	R82	4E
RJ11	3A	C303	2E	R321	3E
RJ12	2C	C304	3E	R322	3E
RJ13	2E	C305	3E	R323	3E
RJ14	4E	C306	3E	R324	3E
RJ15	4E	C307	3E	R325	3E
RJ16	3E	C308	4D	R326	3D
RJ17	4D	C309	3D	R327	3E
RJ18	5D	C310	3E	R328	3E
RJ19	5D	C311	4E	R329	4E
RJ20	4D	C312	2D	R330	4E
RJ21	4B	C401	7C	R331	4E
RJ22	5B	C402	7C	R332	4E
RJ23	4A	C403	5B	R333	4E
RJ24	4A	C404	7B	R334	4E
RJ25	5A	C405	5C	R335	2D
RJ26	5A	C406	7B	R336	3D
RJ27	5A	C407	5B	R381	3D
RJ28	4A	C408	7B	R382	4E
RJ29	6A	C409	5B	R383	4E
RJ31	5D	C410	7B	R384	3D
RJ32	5E	C411	5C	R385	3D
RJ33	6E	C412	7B	R401	5B
RJ34	5D	C413	6A	R402	7B
RJ35	7B	C414	5B	R406	2D
RJ36	4E	C415	5A	R407	3D
RJ37	5A	C416	5A	R423	7B
RJ80	5C	C417	5A	R431	5B
S851	6C	C418	6A	R436	6A
S852	7B	C419	6B	R437	5B
VR852	7B	C422	7B	R460	4D
Z851	3B	C423	2D	R461	4D
C1	6E	C424	3D	R851	4A
C2	6E	C431	6A	R852	4B
C3	5E	C432	6A	R853	4B
C4	6E	C450	5B	R854	4A
C5	5E	C451	5B	R855	4B
C6	5E	C452	5A	R856	4B
C7	5D	C461	7B		
C8	5D	C851	4B		





■ Electrical Parts Location

MECHANISM CONTROL			
P.C.B. (DECK 1)			
Q801	5B	C801	4B
CN1B	5C	R801	4B
CN801	3C	R802	4A
CP801	2A	R803	4B
S801	4B	R804	4A
S802	5B	R805	4A
VR801	5B	R806	4A
VR802	5B		
Z801	3C		

■ Electrical Parts Location

DOLBY NOISE REDUCTION P.C.B.			
IC302	2B	C353	5C
Q307	5C	C354	5A
D301	2C	C355	5C
D302	2A	C356	5B
D303	4A	C357	5B
CN301	4B	C358	4B
L301	3C	C360	2B
L302	3B	C361	2C
C341	2D	C362	4C
C342	2A	R341	3C
C343	2C	R342	2B
C344	2B	R343	2B
C345	1C	R344	2C
C346	2B	R345	2D
C347	3D	R346	2A
C348	2A	R347	4B
C349	3C	R348	4B
C350	3B	R349	5B
C351	4B		
C352	4B		

■ Replacement Parts List (Electrical, Grease or Jig Tool)

Notes: * Important safety notice:

Components identified by Δ mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

*The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.) Parts without these indications can be used for all areas.

*Capacity values are in microfarads (μ F) unless specified otherwise, P=Pico-farads (pF) F=Farads (F)

*Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM), 1M=1,000k (OHM)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1, 2	ECUV1H471KBN	50V 470P	2	
C3, 4	ECUV1H561KBN	50V 560P	2	
C5, 6	ECUV1H102KBN	50V 1000P	2	
C7, 8	ECUVNE1042FN	25V 0.1U	2	
C9, 10	RCE0GKS221IG	4V 220U	2	
C13, 14	ECU1C682JB5	16V 6800P	2	
C15, 16	ECUV1E223KBN	25V 0.022U	2	
C17, 18	ECA1CAD100X1	16V 10U	2	
C19, 20	ECUVNC474KBM	16V 0.47U	2	
C21, 22	ECEA1ASN1001	10V 10U	2	
C23, 24	ECA1CAD100X1	16V 10U	2	
C25, 26	ECKR2H151KB5	500V 150P	2	
C27, 28	ECUV1H561KBN	50V 560P	2	
C29, 30	ECUVNE1042FN	25V 0.1U	2	
C31, 32	ECA1HPXS010B	50V 1U	2	
C33, 34	ECA1CPXS100B	16V 10U	2	
C35, 36	ECBT1E103ZF	25V 0.01U	2	
C37, 38	ECA1EPXS220B	25V 22U	2	
C39, 40	ECBT1E103ZF	25V 0.01U	2	
C44, 45	ECUV1H121KCN	50V 120P	2	
C46, 47	ECUV1H332KBN	50V 3300P	2	
C51, 52	ECBT1C332KR5	16V 3300P	2	
C55	ECUV1H103ZFN	50V 0.01U	1	
C61, 62	ECUV1H122KBN	50V 1200P	2	
C81, 82	ECUV1H102KBN	50V 1000P	2	
C164	ECBT1E103ZF	25V 0.01U	1	
C303	ECQP1153JZ	100V 0.015U	1	
C304	ECUV1H392KBN	50V 3900P	1	
C305	ECUV1H222KBN	50V 2200P	1	
C306	ECUV1H682KBN	50V 6800P	1	
C307	ECUV1H222KBN	50V 2200P	1	
C308	ECEA1CKS100	16V 10U	1	
C309, 10	ECUV1H103ZFN	50V 0.01U	2	
C311, 12	ECUVNE1042FN	25V 0.1U	2	
C341, 42	ECUV1H122KBN	50V 1200P	2	
C343, 44	ECUV1H103KBN	50V 0.01U	2	
C345, 46	ECUV1E473KBN	25V 0.047U	2	
C347, 48	ECUV1H121KCN	50V 120P	2	
C349, 50	ECKR2H821KB5	500V 820P	2	
C351, 52	ECUV1E473ZFN	25V 0.047U	2	
C353, 54	ECUV1H220KCN	50V 22P	2	
C355	ECUV1H103ZFN	50V 0.01U	1	
C356	ECEA1AKS470	10V 47U	1	
C357, 58	ECUV1E473ZFN	25V 0.047U	2	
C360, 61	ECUV1E223KBN	25V 0.022U	2	
C362	RCE1CKA100BG	16V 10U	1	
C401, 02	ECEA1ASN1001	10V 10U	2	
C403, 04	ECUV1H182KBN	50V 1800P	2	
C405, 06	ECUVNC474KBM	16V 0.47U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C407, 08	ECUV1H152KBN	50V 1500P	2	
C409, 10	ECUVNC474KBM	16V 0.47U	2	
C411, 12	ECEA1HKS2R2	50V 2.2U	2	
C413	ECUVNC474KBM	16V 0.47U	1	
C414	ECUVNE1042FN	25V 0.1U	1	
C415	ECUV1H272KBN	50V 2700P	1	
C416	ECUV1H392KBN	50V 3900P	1	
C417	ECUVNE1042FN	25V 0.1U	1	
C418	ECUVNC105ZFN	16V 1U	1	
C419	ECEA1CKS100	16V 10U	1	
C422	ECEA1CKS100	16V 10U	1	
C423, 24	RCE1ARC471BG	10V 470U	2	
C431	ECUV1C474ZFN	16V 0.47U	1	
C432	ECUV1H152KBN	50V 1500P	1	
C450-52	ECUV1H101KCN	50V 100P	3	
C461	ECUVNC225ZFN	16V 2.2U	1	
C501	ECEA1HKS010	50V 1U	1	
C502	ECEA1EKS4R7	25V 4.7U	1	
C504, 05	RCE1CKA100BG	16V 10U	2	
Δ C601	ECA1EM332	25V 3300U	1	
C602	ECA1EM221	25V 220U	1	
Δ C603	ECKR2H682PE	500V 6800P	1	
Δ C604, 05	ECA1EM102	25V 1000U	2	
Δ C606	RCE1HM221BV	50V 220U	1	
Δ C607, 08	ECBT1E103ZF	25V 0.01U	2	
C609, 10	ECA1AM471	10V 470U	2	
C611, 12	ECBT1E103ZF	25V 0.01U	2	
Δ C613	ECA0JW102	6.3V 1000U	1	
C614, 15	ECBT1E103ZF	25V 0.01U	2	
C616	RCE1AKA101BG	10V 100U	1	
C701	RCE1CKA100BG	16V 10U	1	
C702-05	ECBT1E103ZF	25V 0.01U	4	
C711, 12	ECEA1HKS010	50V 1U	2	
C801	ECBT1E223ZF	25V 0.022U	1	
C803	RCE1HKAR47BG	50V 0.47U	1	
C804, 05	ECBT1E103ZF	25V 0.01U	2	
C806	ECEA1AKS220	10V 22U	1	
C851	ECUV1H223ZFN	50V 0.022U	1	
C853	RCE1HKAR47BG	50V 0.47U	1	
C854, 55	ECBT1E103ZF	25V 0.01U	2	
C856	ECEA1AKS220	10V 22U	1	
CN9	RJS2A0205-2S	CONNECTOR (5P)	1	
CN301	RJU057W010	CONNECTOR (10P)	1	
CN601	RJS1A1101T1	CONNECTOR (1P)	1	
CN603	RJS1A1101T1	CONNECTOR (1P)	1	
CN606-10	RJS1A1101T1	CONNECTOR (1P)	5	
CN612, 13	RJS1A6604	CONNECTOR (4P)	2	
CN702	RJS1A1703	CONNECTOR (3P)	1	
CN801	RJR0113	MOTOR CONNECTOR (4P/DECK1)	1	
CN851	RJR0113	MOTOR CONNECTOR (4P/DECK2)	1	
CN1A	RJS1A6814	CONNECTOR (14P)	1	
CN2A	RJS1A6823	CONNECTOR (23P)	1	
CN3A	RJS1A6834	CONNECTOR (34P)	1	
CN1B	RJS1A6714-D	CONNECTOR (14P)	1	
CN2B	RJS1A6723	CONNECTOR (23P)	1	
CN3B	RJS1A6234-1	CONNECTOR (34P)	1	
CP1	RJP3G17ZA	CONNECTOR (3P)	1	
CP301	RJT057W010-1	CONNECTOR (10P)	1	
CP501	RJT029W03VT	CONNECTOR (3P)	1	
CP801	RJT071H09A	CONNECTOR (9P)	1	
CP851	RJT071H11A	CONNECTOR (11P)	1	
CS971	RJU071H09M	CONNECTOR (9P)	1	
CS971A	RJU071H11M	CONNECTOR (11P)	1	
D1, 2	MA111TX	DIODE	2	
D3	MA152WATX	DIODE	1	
D301, 02	MA8056MTX	DIODE	2	
D303	MA110TX	DIODE	1	
D312, 13	MA112TX	DIODE	2	
D314	MA110TX	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D320	MA152WATX	DIODE	1	
D501, 02	MA165	DIODE	2	
△ D601, 02	MA165	DIODE	2	
△ D603-09	RLIN4003N02	DIODE	7	
D610-12	MA165	DIODE	3	
△ D613	MTZJ8R2CTA	DIODE	1	
△ D614	MTZJ6R2BTA	DIODE	1	
△ D615	MA165	DIODE	1	
△ D616	MTZJ9R1CTA	DIODE	1	
△ D617	MTZJ20DTA	DIODE	1	
△ D618	MTZJ5R1BTA	DIODE	1	
△ D619	MA178TA	DIODE	1	
△ D620	RLIN4003N02	DIODE	1	
D621	MA165	DIODE	1	
△ D622	MTZJ5R1BTA	DIODE	1	
D623	MA165	DIODE	1	
△ D624	MTZJ8R2ATA	DIODE	1	
D625	MA165	DIODE	1	
△ D626	MA29TATA	DIODE	1	
△ D630	RLIN4003N02	DIODE	1	
D631	MA165	DIODE	1	
D701	LN28RPX	LED	1	
D801	MA178TA	DIODE	1	
D802	MA700	DIODE	1	
D803	MA165	DIODE	1	
D804	MTZJ4R7ATA	DIODE	1	
D805	RLIN4003N02	DIODE	1	
D851	MA178TA	DIODE	1	
D852	MA700	DIODE	1	
D853	MA165	DIODE	1	
D854	MTZJ4R7ATA	DIODE	1	
D855	RLIN4003N02	DIODE	1	
D971, 1A	RVD1SS133TA	DIODE	2	
FL701	RSL0176-F	FL DISPLAY TUBE	1	
IC1	AN7384N	IC	1	
IC2	AN7356NSC-E2	IC	1	
IC3	W5218AL	IC	1	
IC4	SV1BA4560FT1	IC	1	
IC302	UPC1297CA	IC	1	
IC401	AN7357FB-RAV	IC	1	
IC501	M38122M4267F	IC	1	
IC502	ST93C46TW6TR	IC	1	
IC801	BA6418N	IC	1	
IC851	BA6418N	IC	1	
IC971, 72	RVSGP2S24BC	IC	2	
IC971A	RVSGP2S24BC	IC	1	
IC972A	RVSGP2S24BC	IC	1	
JK1	SJF3069N	JACK, TERMINAL BOARD: REC/P	1	
△ JK601	SJS9236	JACK, AC INLET	1	
JK701	SJJ146B	JACK, HEADPHONES	1	
L1, 2	RLQX303JT-K	COIL, BIAS TRAP	2	
L301, 02	SL09B1-Z	COIL, OSCILLATOR	2	
L303	SL09B4-K	COIL, OSCILLATOR	1	
△ PT601	RTP1K4B026-V	POWER TRANSFORMER	1	
Q1, 2	2SJ163PQRTX	TRANSISTOR	2	
Q11, 12	2SJ164PQRTA	TRANSISTOR	2	
Q81, 82	2SK1103PQRTX	TRANSISTOR	2	
Q303, 04	2SD874QRSTX	TRANSISTOR	2	
Q305	KSD471ACYGTA	TRANSISTOR	1	
Q306	2SB710AQRSTX	TRANSISTOR	1	
Q307	KSB564ACYGTA	TRANSISTOR	1	
Q381	2SD601ATX	TRANSISTOR	1	
Q501-05	2SC3311AR	TRANSISTOR	5	
Q506	DTC114ESTP	TRANSISTOR	1	
Q601, 02	2SD1450RSTTA	TRANSISTOR	2	
Q603	DTC114ESTP	TRANSISTOR	1	
△ Q604	2SA1309A-R	TRANSISTOR	1	
△ Q605	2SC3311AR	TRANSISTOR	1	
△ Q606	2SD2374PQAU	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
△ Q607	2SB1548PQAU	TRANSISTOR	1	
△ Q608	2SD2374PQAU	TRANSISTOR	1	
△ Q609	KSB564ACYGTA	TRANSISTOR	1	
△ Q610	2SB1548PQAU	TRANSISTOR	1	
△ Q611	KSD471ACYGTA	TRANSISTOR	1	
△ Q612	2SA1309A-R	TRANSISTOR	1	
△ Q613	2SC3311AR	TRANSISTOR	1	
Q701	DTA114ESTP	TRANSISTOR	1	
Q702	DTC114ESTP	TRANSISTOR	1	
Q703	2SC3311AR	TRANSISTOR	1	
Q801	2SA1309A-R	TRANSISTOR	1	
Q811, 12	KSB564ACYGTA	TRANSISTOR	2	
Q813-15	DTC114ESTP	TRANSISTOR	3	
Q816	KSB564ACYGTA	TRANSISTOR	1	
Q817	2SD1862QRTV6	TRANSISTOR	1	
Q819	2SA1309A-R	TRANSISTOR	1	
Q820	KSB564ACYGTA	TRANSISTOR	1	
Q821	DTA114ESTP	TRANSISTOR	1	
Q822	2SC3311AR	TRANSISTOR	1	
Q851	2SB709ATX	TRANSISTOR	1	
Q861, 62	KSB564ACYGTA	TRANSISTOR	2	
Q863-65	DTC114ESTP	TRANSISTOR	3	
Q866	KSB564ACYGTA	TRANSISTOR	1	
Q867	2SD1862QRTV6	TRANSISTOR	1	
Q869	KSB564ACYGTA	TRANSISTOR	1	
Q870	2SA1309A-R	TRANSISTOR	1	
Q871	DTA114ESTP	TRANSISTOR	1	
Q872	2SC3311AR	TRANSISTOR	1	
R5-7	ERJ6GEYJ225V	1/10W 2.2M	3	
R9-12	ERJ6GEYJ101Z	1/10W 100	4	
R13, 14	ERJ6GEYJ470V	1/10W 47	2	
R15, 16	ERJ6GEYJ474V	1/10W 470K	2	
R17, 18	ERJ6GEYJ122V	1/10W 1.2K	2	
R19, 20	ERJ6GEYJ562V	1/10W 5.6K	2	
R21, 22	ERJ6GEYJ681V	1/10W 680	2	
R23	ERJ6GEYJ122V	1/10W 1.2K	1	
R25, 26	ERJ6GEYJ103V	1/10W 10K	2	
R27, 28	ERJ6GEYJ272V	1/10W 2.7K	2	
R31, 32	ERDS2FJ394	1/4W 390K	2	
R33, 34	ERDS2FJ333	1/4W 33K	2	
R35, 36	ERDS2FJ183	1/4W 18K	2	
R37, 38	ERDS2FJ222	1/4W 2.2K	2	
R39, 40	ERDS2FJ561	1/4W 560	2	
R41, 42	ERDS2FJ103	1/4W 10K	2	
R43, 44	ERDS2FJ101	1/4W 100	2	
R45	ERJ6GEYJ122V	1/10W 1.2K	1	
R51, 52	ERDS2TJ225	1/4W 2.2M	2	
R53, 54	ERDS2FJ102	1/4W 1K	2	
R63, 64	ERJ6GEYJ233V	1/10W 22K	2	
R70, 71	ERJ6GEYJ273V	1/10W 27K	2	
R81, 82	ERJ6GEYJ225V	1/10W 2.2M	2	
R321	ERJ6GEYJ1R0V	1/10W 1	1	
R322, 23	ERJ6GEYJ183V	1/10W 18K	2	
R324, 25	ERJ6GEYJ100	1/10W 10	2	
R326	ERJ6GEYJ122V	1/10W 1.2K	1	
R327	ERJ6GEYJ102Z	1/10W 1K	1	
R328	ERJ6GEYJ561V	1/10W 560	1	
R329	ERJ6GEYJ393V	1/10W 39K	1	
R330	ERJ6GEYJ272V	1/10W 2.7K	1	
R331	ERJ6GEYJ682V	1/10W 6.8K	1	
R332	ERJ6GEYJ102Z	1/10W 1K	1	
R333	ERJ6GEYJ123V	1/10W 12K	1	
R334-36	ERJ6GEYJ332V	1/10W 3.3K	3	
R341, 42	ERJ6GEYJ153V	1/10W 15K	2	
R343, 44	ERJ6GEYJ103V	1/10W 10K	2	
R345, 46	ERJ6GEYJ154V	1/10W 150K	2	
R347, 48	ERJ6GEYJ100	1/10W 10	2	
R349	ERJ6GEYJ471V	1/10W 470	1	
R381	ERJ6GEYJ100	1/10W 10	1	
R382	ERJ6GEYJ221V	1/10W 220	1	
R383	ERJ6GEYJ5R6V	1/10W 5.6	1	
R384	ERJ6GEYJ153V	1/10W 15K	1	
R385	ERJ6GEYJ101Z	1/10W 100	1	
R401, 02	ERJ6GEYJ102Z	1/10W 1K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
△ R406	ERD2FCG270	1/4W 27	1	
△ R407	ERD2FCG180	1/4W 18	1	
R423	ERJ6GEYJ223V	1/10W 22K	1	
R431	ERJ6GEYJ222V	1/10W 2.2K	1	
R434	ERJ6GEYJ272V	1/10W 2.7K	1	
R436	ERJ6GEYJ473V	1/10W 47K	1	
R437	ERJ6GEYJ272V	1/10W 2.7K	1	
R460, 61	ERJ6GEYJ472V	1/10W 4.7K	2	
R501-04	ERDS2FJ473	1/4W 47K	4	
R505, 06	ERDS2FJ103	1/4W 10K	2	
R511	ERDS2FJ103	1/4W 10K	1	
R512	ERDS2FJ471	1/4W 470	1	
R513	ERDS2FJ103	1/4W 10K	1	
R514, 15	ERDS2FJ223	1/4W 22K	2	
R516	ERDS2FJ472	1/4W 4.7K	1	
R517	ERDS2FJ223	1/4W 22K	1	
R518	ERDS2FJ103	1/4W 10K	1	
R520	ERDS2FJ103	1/4W 10K	1	
R522	ERDS2FJ103	1/4W 10K	1	
R524	ERDS2FJ103	1/4W 10K	1	
R526, 27	ERDS2FJ331	1/4W 330	2	
R529	ERDS2FJ273	1/4W 27K	1	
R531	ERDS2FJ273	1/4W 27K	1	
R533	ERDS2FJ273	1/4W 27K	1	
R535	ERDS2FJ273	1/4W 27K	1	
R555	ERDS2FJ103	1/4W 10K	1	
R556-58	ERDS2FJ223	1/4W 22K	3	
R559-62	ERDS2FJ103	1/4W 10K	4	
R601, 02	ERDS2FJ472	1/4W 4.7K	2	
R603, 04	ERDS2FJ562	1/4W 5.6K	2	
R607	ERDS2FJ472	1/4W 4.7K	1	
R608	ERDS2FJ103	1/4W 10K	1	
R609	ERDS2FJ1R5	1/4W 1.5	1	
R610	ERDS2FJ472	1/4W 4.7K	1	
R611	ERDS2FJ104	1/4W 100K	1	
R612	ERDS2FJ1R5	1/4W 1.5	1	
R613	ERDS2FJ101	1/4W 100	1	
R614, 15	ERDS2FJ471	1/4W 470	2	
R616	ERDS2FJ101	1/4W 100	1	
R617	ERDS2FJ102	1/4W 1K	1	
R619	ERDS2FJ391	1/4W 390	1	
R620	ERDS2FJ101	1/4W 100	1	
R621	ERDS2FJ222	1/4W 2.2K	1	
△ R622	ERD2FCG100	1/4W 10	1	
R623	ERDS2FJ101	1/4W 100	1	
R624	ERDS2FJ391	1/4W 390	1	
△ R625	ERD2FCJ4R7	1/4W 4.7	1	
R626	ERDS2FJ101	1/4W 100	1	
R627	ERDS2FJ103	1/4W 10K	1	
R630	ERDS2FJ2R7	1/4W 2.7	1	
R631	ERDS2FJ331	1/4W 330	1	
R632	ERDS2FJ101	1/4W 100	1	
△ R639	ERD2FCJ6R8	1/4W 6.8	1	
R641	ERDS2FJ562	1/4W 5.6K	1	
R701	ERDS2FJ103	1/4W 10K	1	
R703	ERDS2FJ181	1/4W 180	1	
R704	ERDS2FJ153	1/4W 15K	1	
R705, 06	ERDS2FJ102	1/4W 1K	2	
R707, 08	ERDS2FJ562	1/4W 5.6K	2	
R711	ERDS2FJ821	1/4W 820	1	
R712	ERDS2FJ102	1/4W 1K	1	
R713	ERDS2FJ122	1/4W 1.2K	1	
R714	ERDS2FJ152	1/4W 1.5K	1	
R715	ERDS2FJ182	1/4W 1.8K	1	
R716	ERDS2FJ222	1/4W 2.2K	1	
R717	ERDS2FJ332	1/4W 3.3K	1	
R718	ERDS2FJ472	1/4W 4.7K	1	
R719	ERDS2FJ682	1/4W 6.8K	1	
R720	ERDS2FJ123	1/4W 12K	1	
R721	ERDS2FJ223	1/4W 22K	1	
R722	ERDS2FJ683	1/4W 68K	1	
R725	ERDS2FJ821	1/4W 820	1	
R726	ERDS2FJ102	1/4W 1K	1	
R727	ERDS2FJ122	1/4W 1.2K	1	
R728	ERDS2FJ152	1/4W 1.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R729	ERDS2FJ182	1/4W 1.8K	1	
R730	ERDS2FJ222	1/4W 2.2K	1	
R731	ERDS2FJ332	1/4W 3.3K	1	
R732	ERDS2FJ472	1/4W 4.7K	1	
R733	ERDS2FJ682	1/4W 6.8K	1	
R734	ERDS2FJ123	1/4W 12K	1	
R735	ERDS2FJ223	1/4W 22K	1	
R801	ERDS2FJ331	1/4W 330	1	
R802	ERDS2FJ105	1/4W 1M	1	
R803	ERDS2FJ184	1/4W 180K	1	
R804	ERDS2FJ123	1/4W 12K	1	
R805	ERDS2FJ392	1/4W 3.9K	1	
R806-08	ERDS2FJ103	1/4W 10K	3	
R811	ERDS2FJ223	1/4W 22K	1	
R812	ERDS2FJ102	1/4W 1K	1	
R814	ERDS2FJ223	1/4W 22K	1	
R815	ERDS2FJ821	1/4W 820	1	
R816	ERDS2FJ472	1/4W 4.7K	1	
R817	ERDS2FJ223	1/4W 22K	1	
R818, 19	ERDS2FJ821	1/4W 820	2	
R821	ERDS2FJ101	1/4W 100	1	
R823	ERDS2FJ100	1/4W 10	1	
R824	ERDS2FJ333	1/4W 33K	1	
R825	ERDS2FJ203	1/4W 20K	1	
R826	ERDS2FJ183	1/4W 18K	1	
R827	ERDS2FJ222	1/4W 2.2K	1	
R828	ERDS2FJ332	1/4W 3.3K	1	
R851	ERJ6GEYJ271V	1/10W 270	1	
R852	ERJ6GEYJ105	1/10W 1M	1	
R853	ERJ6GEYJ184V	1/10W 180K	1	
R854	ERJ6GEYJ153V	1/10W 15K	1	
R855	ERJ6GEYJ392V	1/10W 3.9K	1	
R856	ERJ6GEYJ103V	1/10W 10K	1	
R857, 58	ERDS2FJ103	1/4W 10K	2	
R862	ERDS2FJ223	1/4W 22K	1	
R863	ERDS2FJ102	1/4W 1K	1	
R864	ERDS2FJ223	1/4W 22K	1	
R865	ERDS2FJ821	1/4W 820	1	
R866	ERDS2FJ472	1/4W 4.7K	1	
R867	ERDS2FJ223	1/4W 22K	1	
R868, 69	ERDS2FJ821	1/4W 820	2	
R871	ERDS2FJ101	1/4W 100	1	
R873	ERDS2FJ100	1/4W 10	1	
R874	ERDS2FJ333	1/4W 33K	1	
R875	ERDS2FJ183	1/4W 18K	1	
R876	ERDS2FJ203	1/4W 20K	1	
R877	ERDS2FJ222	1/4W 2.2K	1	
R878	ERDS2FJ332	1/4W 3.3K	1	
R971, 1A	ERDS2FJ221	1/4W 220	2	
R973, 74	ERDS2FJ393	1/4W 39K	2	
R973A, 74A	ERDS2FJ393	1/4W 39K	2	
RJ10-37	ERJ6GEY0R00	CHIP JUMPER	28	
ST02-23	EVQPTD05Q	SW, TACT	22	
S801, 02	RSH1A024-U	SW, OPEN, CLOSE DET (DECK1)	2	
S851, 52	RSH1A024-U	SW, OPEN, CLOSE DET (DECK2)	2	
S971, 1A	RSH1A018-1U	SW, MODE	2	
S972, 2A	RSH1A019-2U	SW, HALF	2	
S973, 3A	RSH1A019-2U	SW, ATS/DRO2	2	
S974A-6A	RSH1A019-2U	SW, R/F REC INH ATS/METAL	3	
SA1	QZZCFM	HEAD AZIMUTH ADJ. CHECK	1	
SA2	QZZCWAT	TAPE SPEED ADJ. CHECK	1	
SA3	QZZCRA	BLANK TAPE (NORMAL)	1	
SA4	QZZC-RX2	BLANK TAPE (CRO2)	1	
SA5	QZZC-RZ6	BLANK TAPE (METAL)	1	
SA6	SZ20L18	FOIL AK-152	1	
SA7	RZZ0L02	SWAFLUID #56	1	
SA8	RZZ0L05	MOLYCOAT EM-20L	1	
SW601	RSP2B024-A	SW, POWER	1	
VR701	EVJ02FFA7B15	V. R. REC LEVEL CONTROL	1	
VR702	EVJ02SFA7G15	V. R. BALANCE CONTROL	1	

[illegible]