

Service Manual

Dolby NR-Equipped
Stereo Double Cassette Deck

Cassette Deck

 * DOLBY B+C NR HX PRO



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-TR373M2.
- 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 Mains Lead, Front Panel Controls, Playback, Recording, About the ATC Function, Self-Diagnostic. And with regard to other items, refer to Supplement Service Manual.

CHANGES

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

RS-TR474

■ Cassette Deck Section	
Fast forward and rewind times	Approx. 50 seconds with C-60 cassette tape
Headphones	30mV (8Ω)
[RS-TR474 only]	(Load impedance 8-600Ω)
■ General	
Weight	4.4kg



RS-TR373M2

■ Cassette Deck Section	
Fast forward and rewind times	Approx. 95 seconds with C-60 cassette tape
■ General	
Power supply	AC 110V/127V/220V/ 230-240V, 50/60Hz
For (GC) area	4.2kg

⚠ 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)

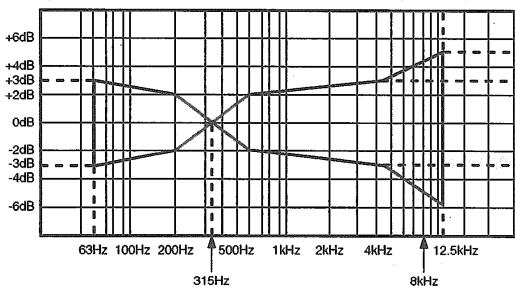


Fig. 4

CONFIRMATION OF THE OVERALL GAIN AND OVERALL FREQUENCY RESPONSE

Normal overall frequency response chart (NR OUT)

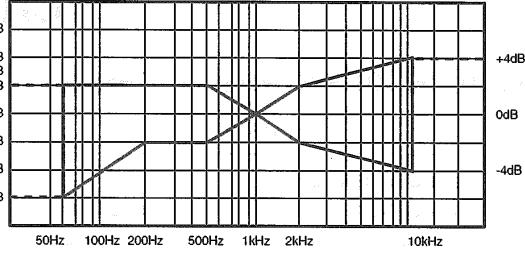


Fig. 5

CrO₂/Metal overall frequency response chart (NR OUT)

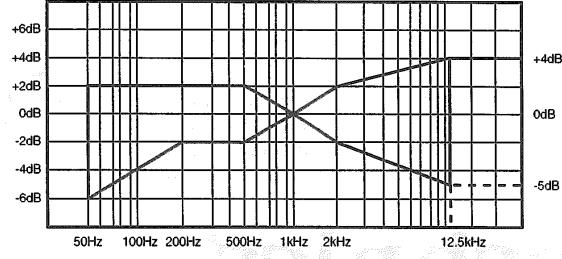


Fig. 6

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

(Pages 44, 45 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.)

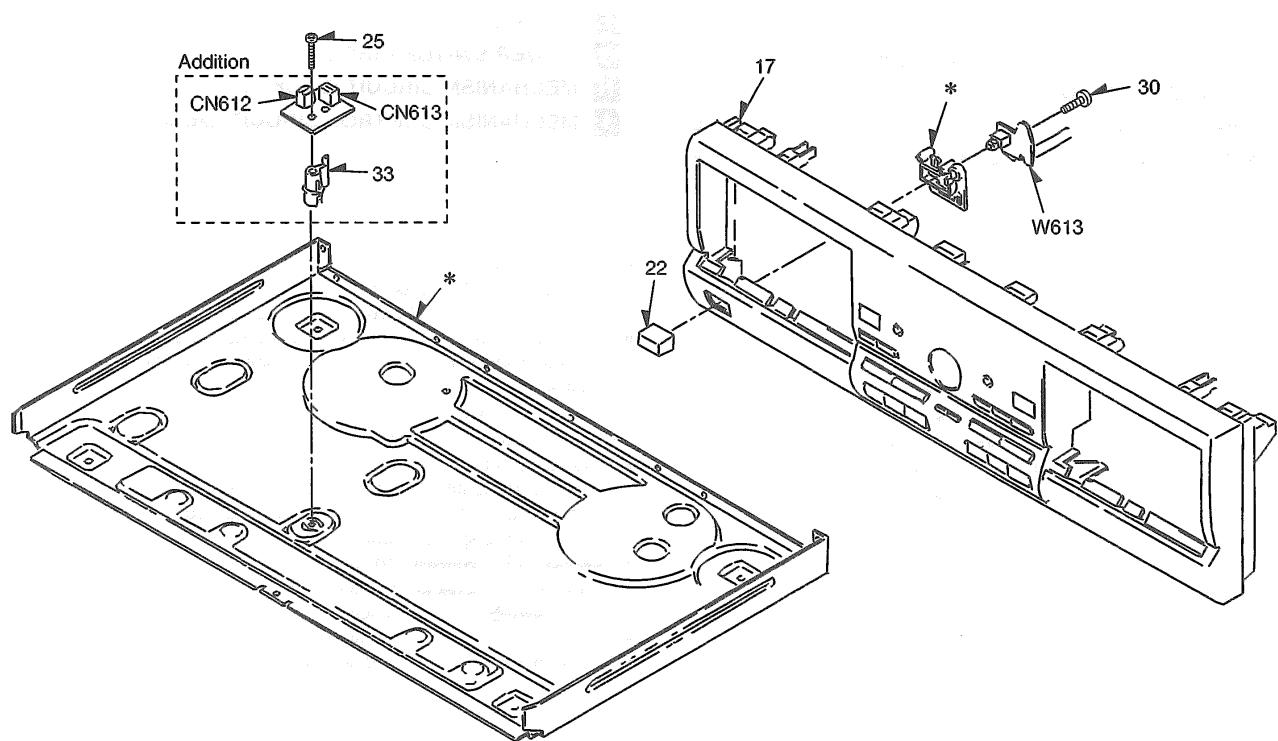
Parts without these indications can be used for all areas.

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

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

Ref. No.	Change of Part No.		Part Name & Description	Remarks
	RS-TR474 (E, EB, EG)	RS-TR373M2 (E, EB, EG, GC, GN)		
CABINET AND CHASSIS				
2	RKM0260-K	—	CABINET	Deletion
3	RYF0262A-K	RYF0262D-K	CASSETTE LID (DECK 1)	
4	RYF0262B-K	RYF0262J-K	CASSETTE LID (DECK 2)	
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	
14	RYM0168	—	HEAT SINK	Deletion
17	RFKGSTR474EZ	RYP0485G-K	FRONT PANEL ASS'Y	
20	RMA0766	RMC0285	ANGLE	
21	RGU1023A-K	—	BUTTON, OPERATION	Deletion
22	RGU1026-K	RGU1684-K	BUTTON, POWER	
26	RGW0198-K	—	KNOB, BALANCE	Deletion
30	—	XTBS26+10J	SCREW	Addition
33	—	RMN0392	P.C.B. SUPPORT	Addition
MECHANISM PARTS				
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
140	RXR0018	—	REEL TABLE	Deletion

Ref. No.	Change of Part No.		Part Name & Description	Remarks
	RS-TR474 (E, EB, EG)	RS-TR373M2 (E, EB, EG, GC, GN)		
MECHANISM PARTS				
142	XTW26+12S	—	SCREW	Deletion
143	XTW26+6L	—	SCREW	Deletion
144	RFKJSCH404AK	—	SUB CHASSIS ASS'Y	Deletion
145	RFKJSCH404BK	—	CHASSIS ASS'Y	Deletion
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	RYF0263-K1	RYF0263-K2	CASSETTE HOLDER ASS'Y	
237	RMB0268	—	SPRING, HOLDER HOOK	Deletion
238	RML0271A	—	HOLDER HOOK	Deletion
239	XTW2+6S	—	SCREW	Deletion
240	RXR0018	—	REEL TABLE	Deletion
242	XTW26+12S	—	SCREW	Deletion
243	XTW26+6L	—	SCREW	Deletion
244	RFKJSCH404AK	—	SUB CHASSIS ASS'Y	Deletion
245	RFKJSCH404BK	—	CHASSIS ASS'Y	Deletion
247	RMA0898	—	ANGLE	Deletion
PACKING MATERIAL				
P1	RPG1914	RPG4073	PACKING CASE	(E)
		RPG4074		(EG)
P1	RPG1915	RPG4078	PACKING CASE	(EB)
P1	—	RPG4075	PACKING CASE	Addition (GC)
P1	—	RPG4080	PACKING CASE	Addition (GN)
P4	XZB50X65A02	SPP723	PROTECTION BAG (UNIT)	
ACCESSORIES				
A1	RFKSSTR373E	RQT4633-E	INSTRUCTION MANUAL	(E) <IA>
		RQT4634-R		(E) <IB>
A1	RFKSSTR373EG	RQT4635-D	INSTRUCTION MANUAL	(EG) <IC>
		RQT4636-H		(EG) <ID>
A1	RQT2237-B	RQT4637-B	INSTRUCTION MANUAL	(EB) (GC) (GN) <IE>
A1	—	RQT4638-G	INSTRUCTION MANUAL	Addition (GC) <IF>
A2	—	RQX7433ZA	WARRANTY CARD	Addition (GN)
△ A4	RJA0019-2K	RJA0019-X	AC POWER SUPPLY CORD	(E) (EG) (GC)
△ A4	VJA0733	RJA0053-2X	AC POWER SUPPLY CORD	(EB)
△ A4	—	RJA0035-K	AC POWER SUPPLY CORD	Addition (GN)
△ A6	—	SJP5213-2	POWER PLUG ADAPTOR	Addition (GC)

■ 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 [RYP0485G-K] of Ref. 17.
Therefore we don't supply operation button by single parts.

■ Schematic Diagram (See parts list on pages 23 ~ 25.)

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

A	MAIN CIRCUIT	9 ~12
B	MECHANISM CONTROL CIRCUIT (DECK 2)	7, 8
C	CONNECTOR CIRCUIT	7
D	CONNECTION CIRCUIT	9
E	MECHANISM CIRCUIT (DECK 2)	9

F	FL CIRCUIT	13
G	POWER SWITCH CIRCUIT	9
H	MECHANISM CIRCUIT (DECK 1)	13
I	MECHANISM CONTROL CIRCUIT (DECK 1)	12

Notes:

- **SW601:** Power "STANDBY Ⓛ /ON" (POWER, STANDBY Ⓛ /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; **B**, **C**).
- **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)
- **S714** : Stop (DECK 2) (■) switch.
- **S715** : Forward-side playback switch (►). (DECK 2)
- **S716** : Reverse 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 (μF) 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.

● (—< +B > —) indicates +B (bias).

● (—< -B > —) indicates -B (bias).

● (—————→) indicates the flow of the playback signal.

● (—————→) 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.

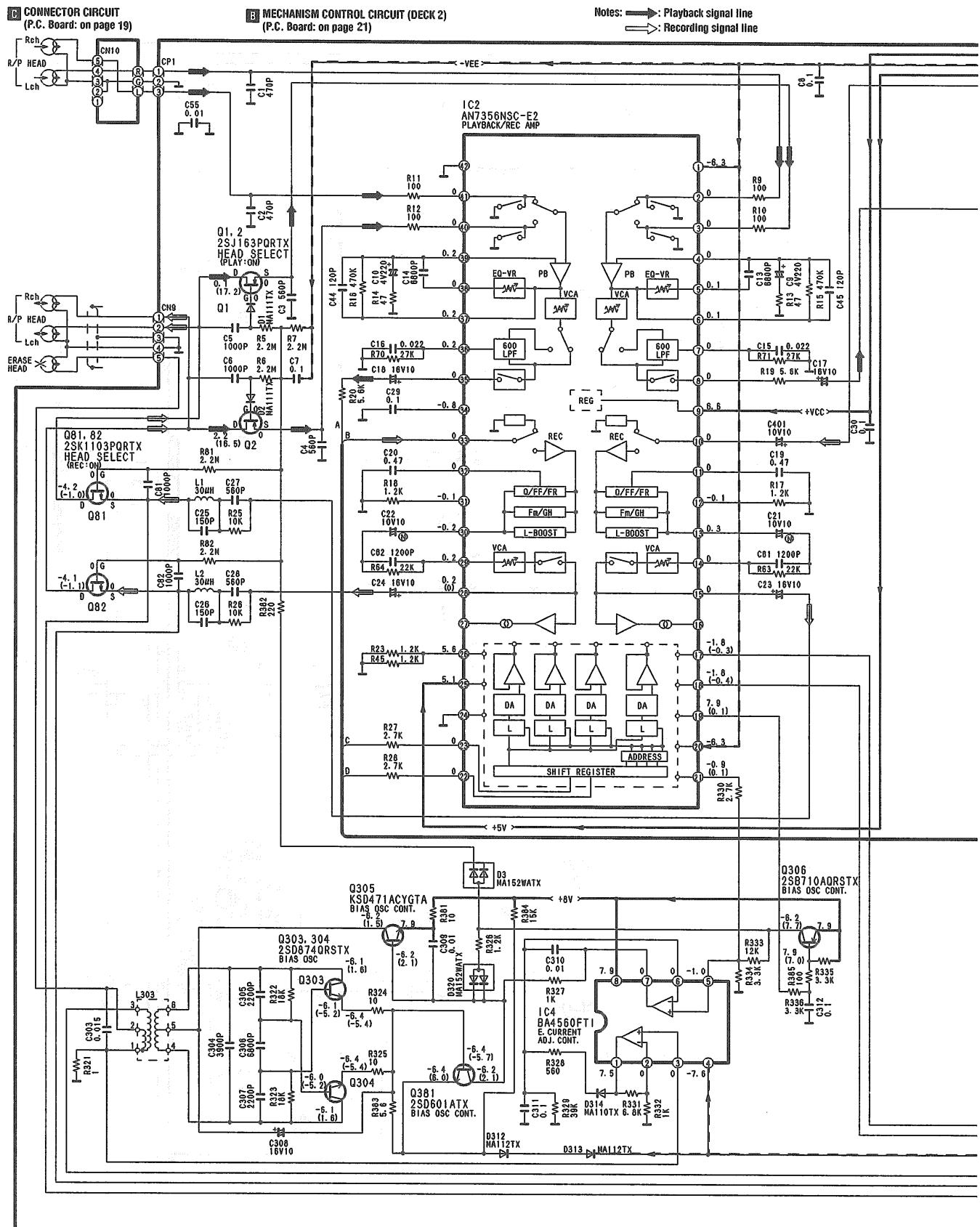
Secondary trouble can be prevented by taking care during repair.

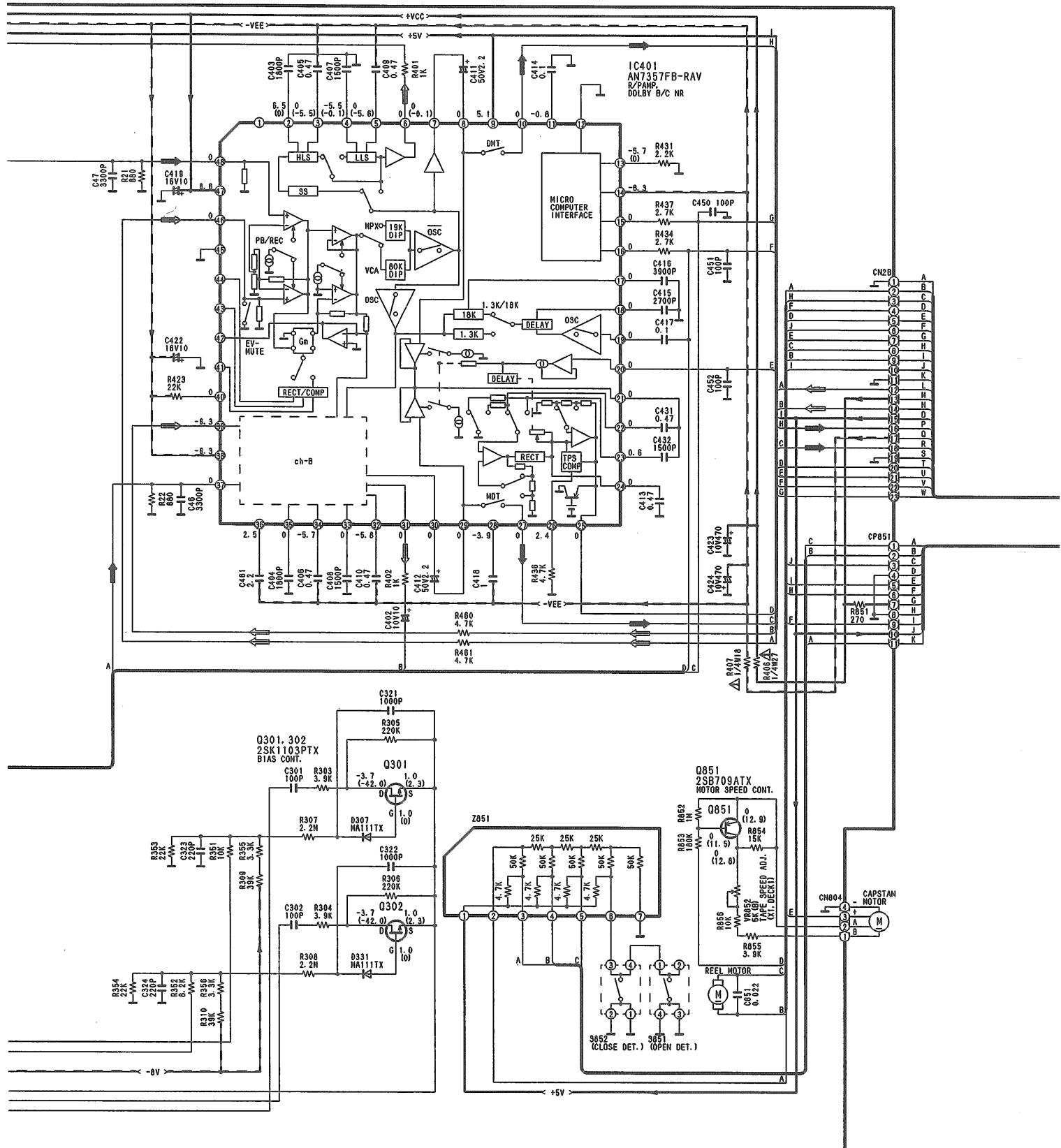
● Cover the parts boxes made of plastics with aluminum foil.

● Ground the soldering iron.

● Put a conductive mat on the work table.

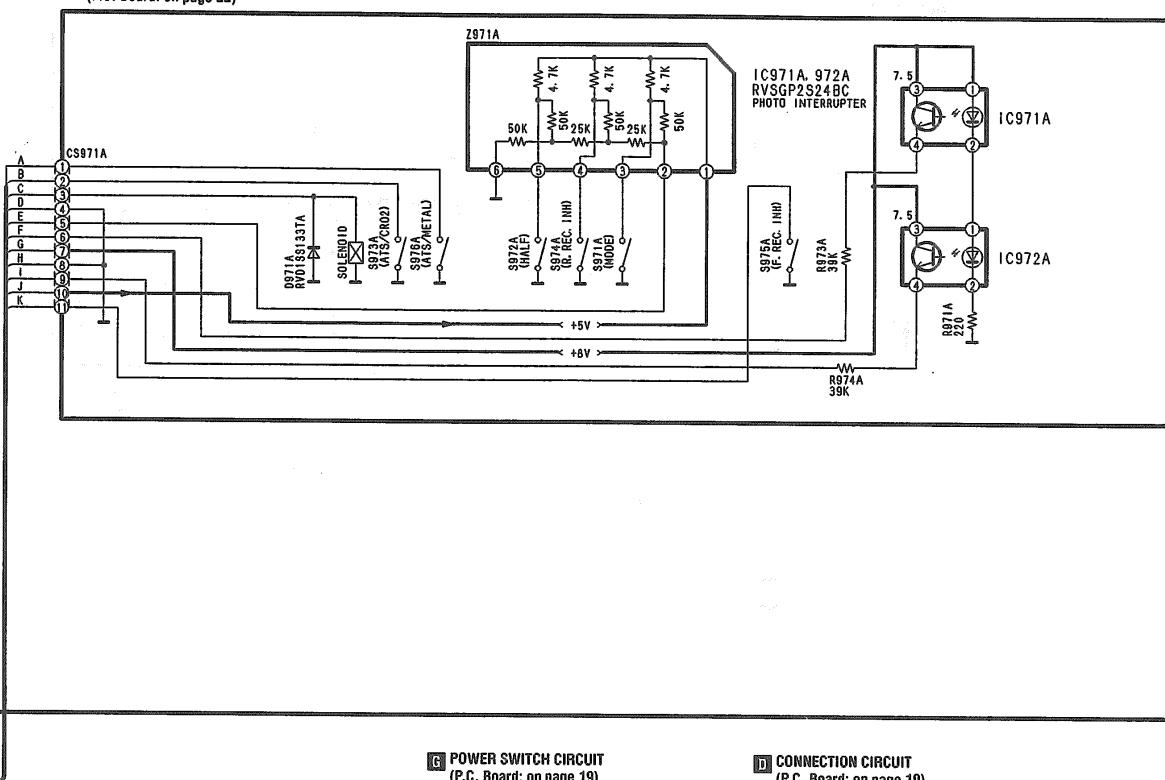
● Do not touch the pins of IC or LSI with fingers directly.



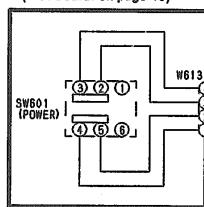


E MECHANISM CIRCUIT (DECK 2) (P.C. Board: on page 22)

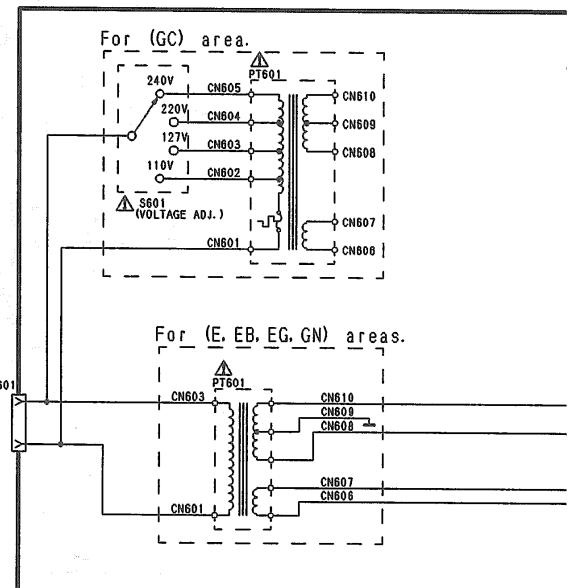
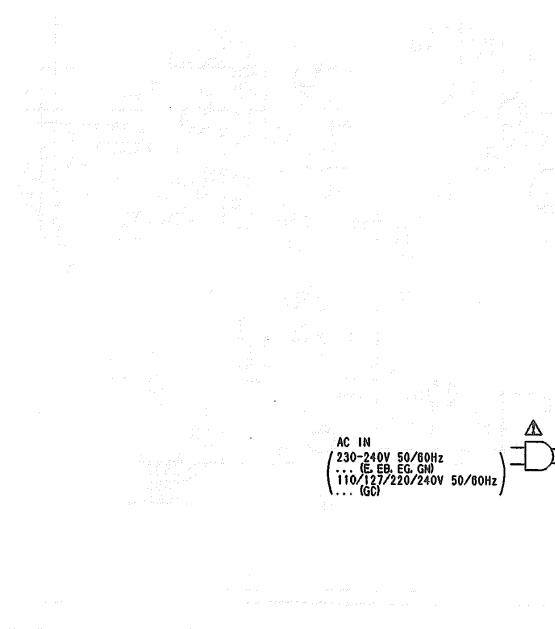
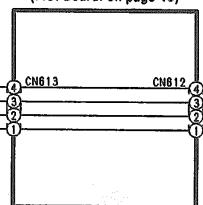
Notes: : Playback signal line
: Recording signal line



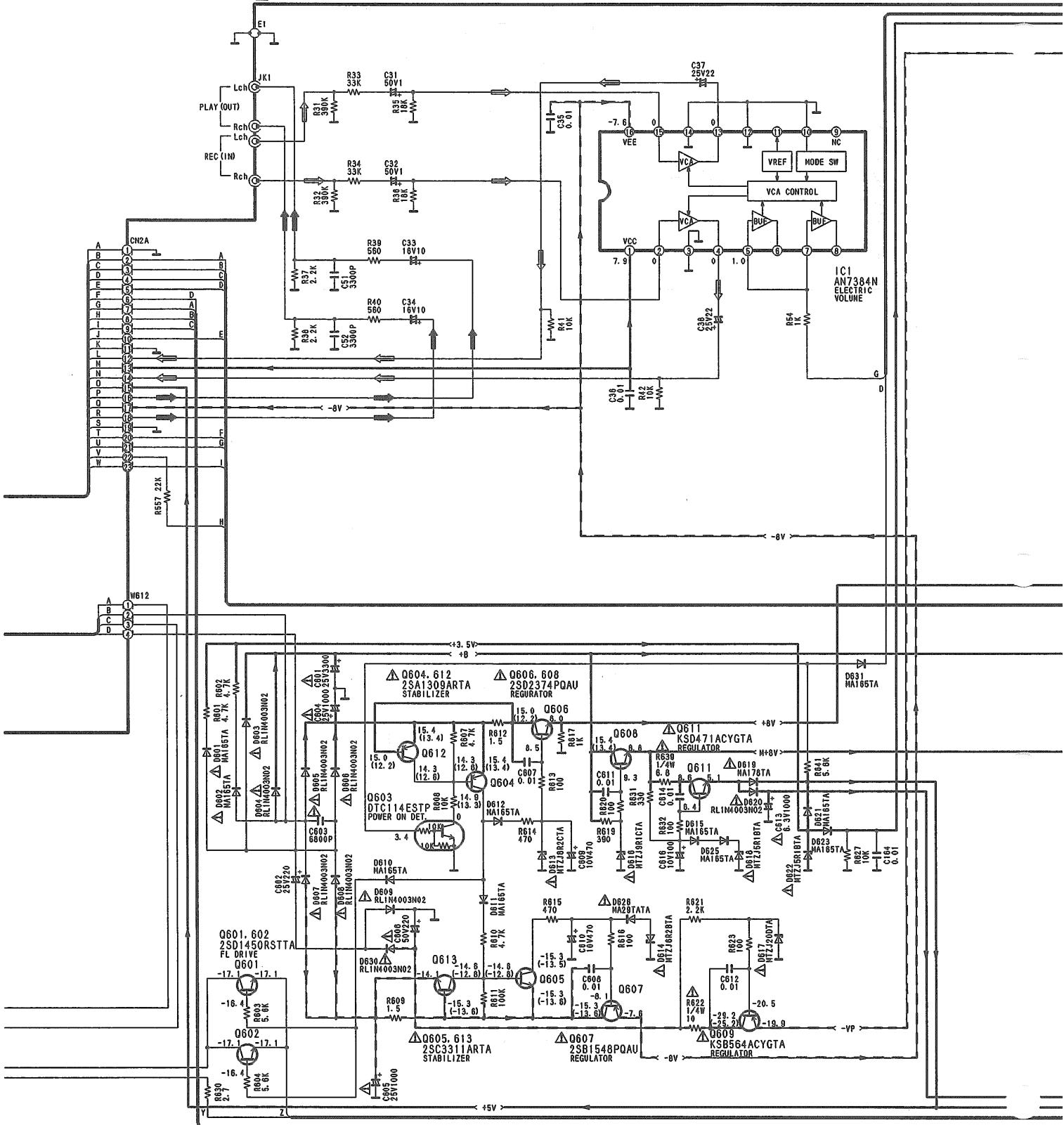
G POWER SWITCH CIRCUIT (P.C. Board: on page 19)



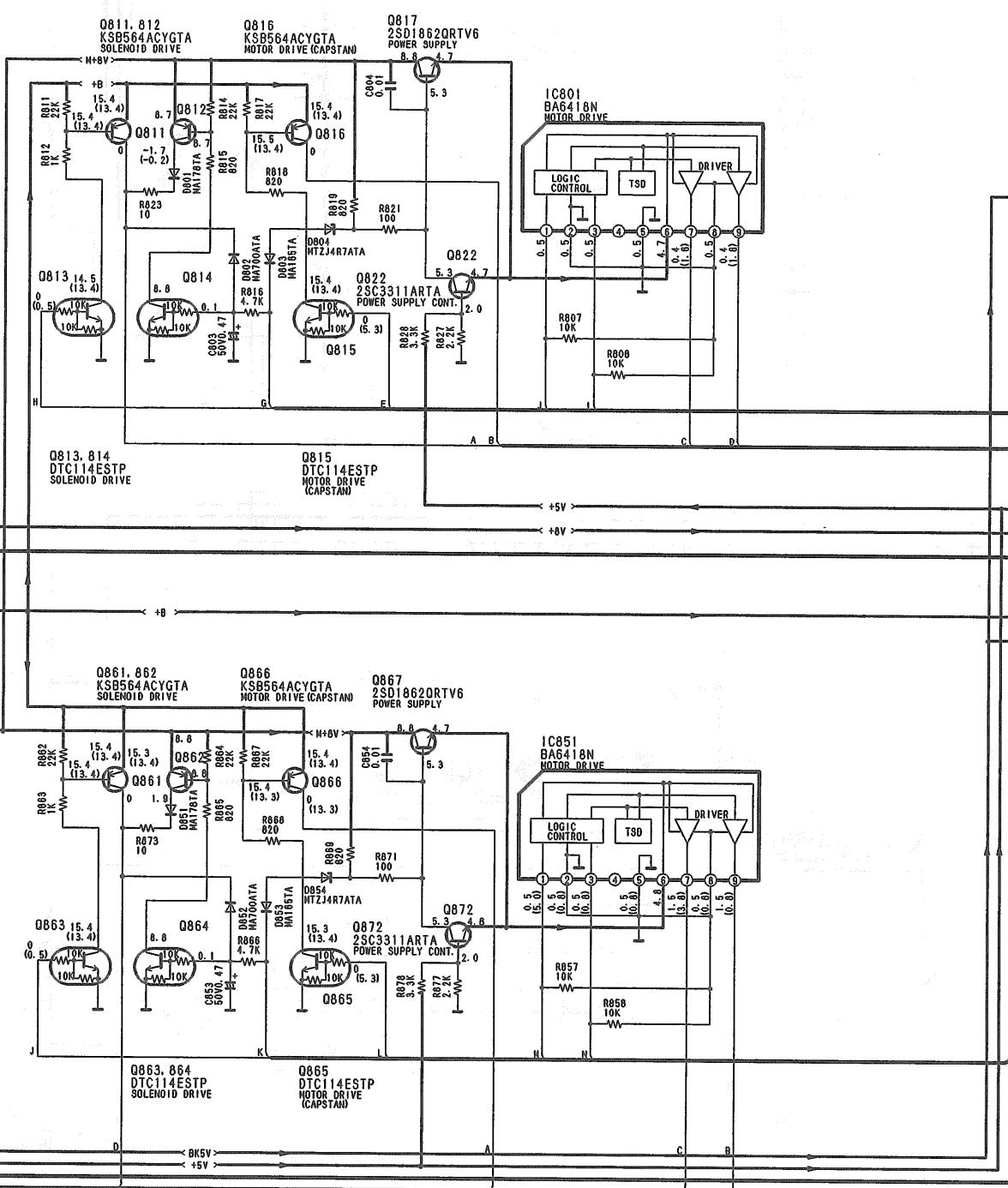
D CONNECTION CIRCUIT
(P.C. Board: on page 19)

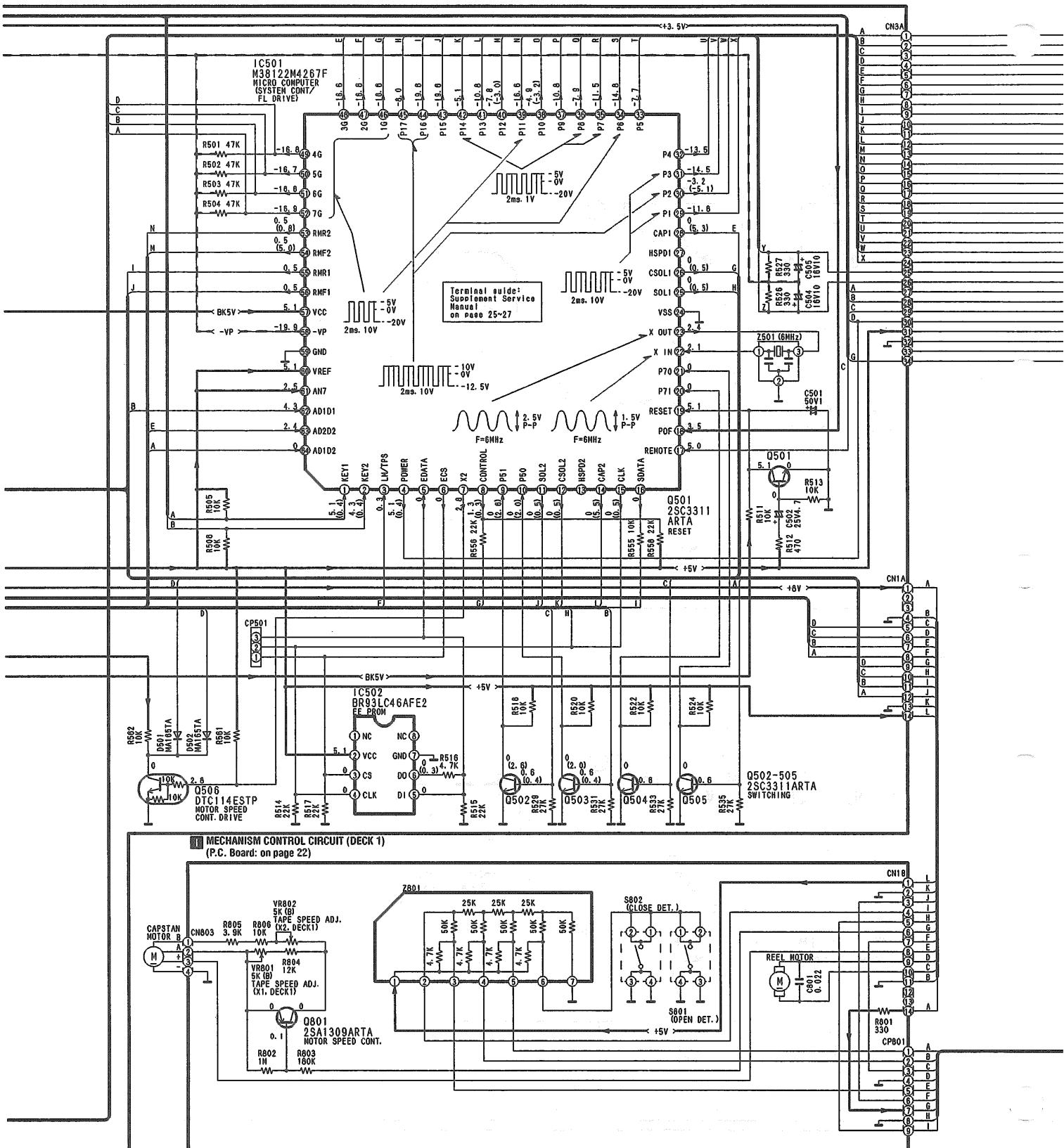


A MAIN CIRCUIT (P.C. Board: on page 18)

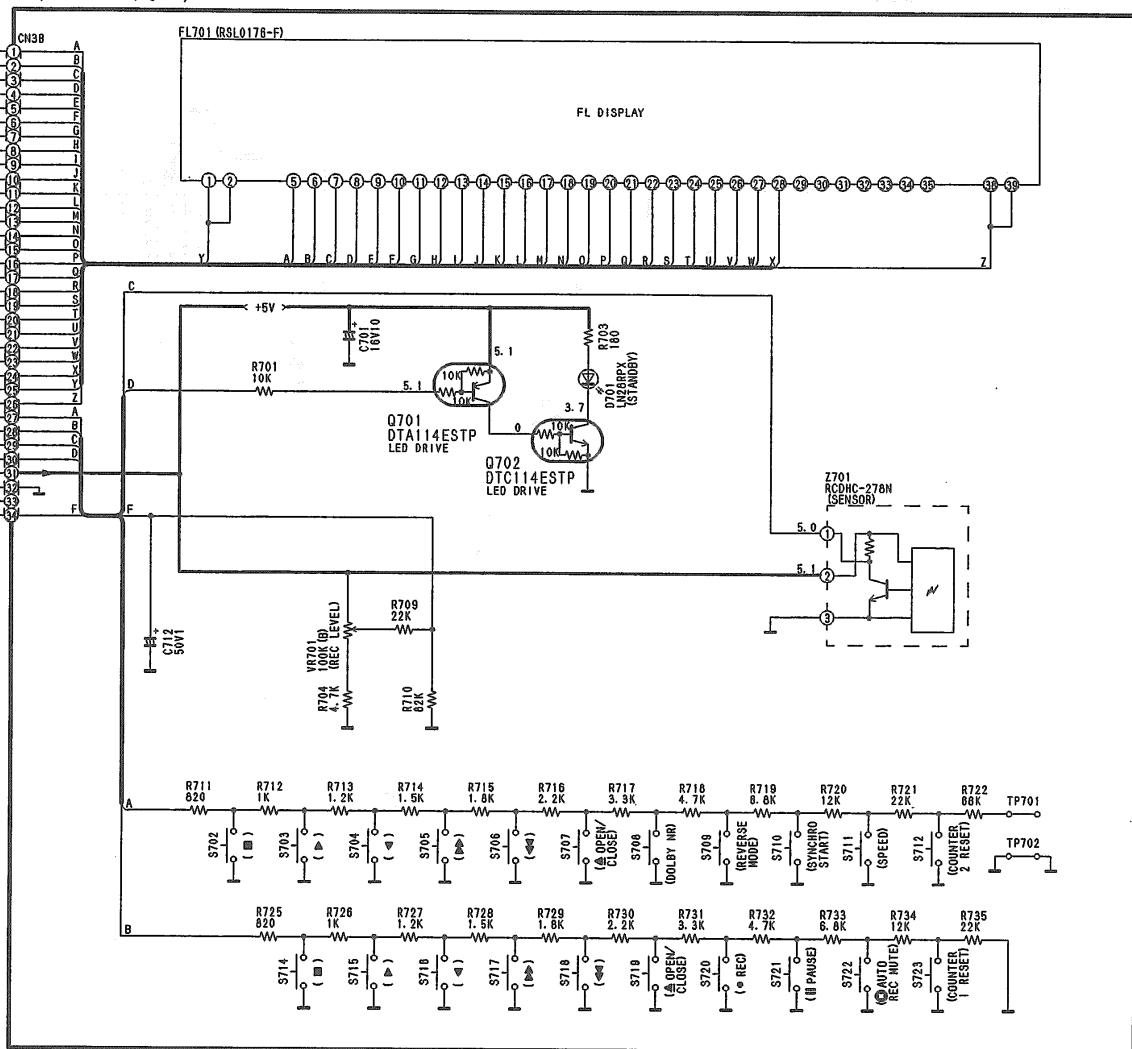


Notes: →: Playback signal line
↔: Recording signal line

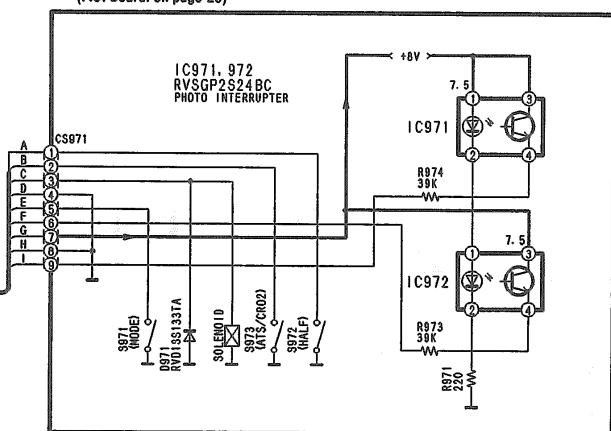




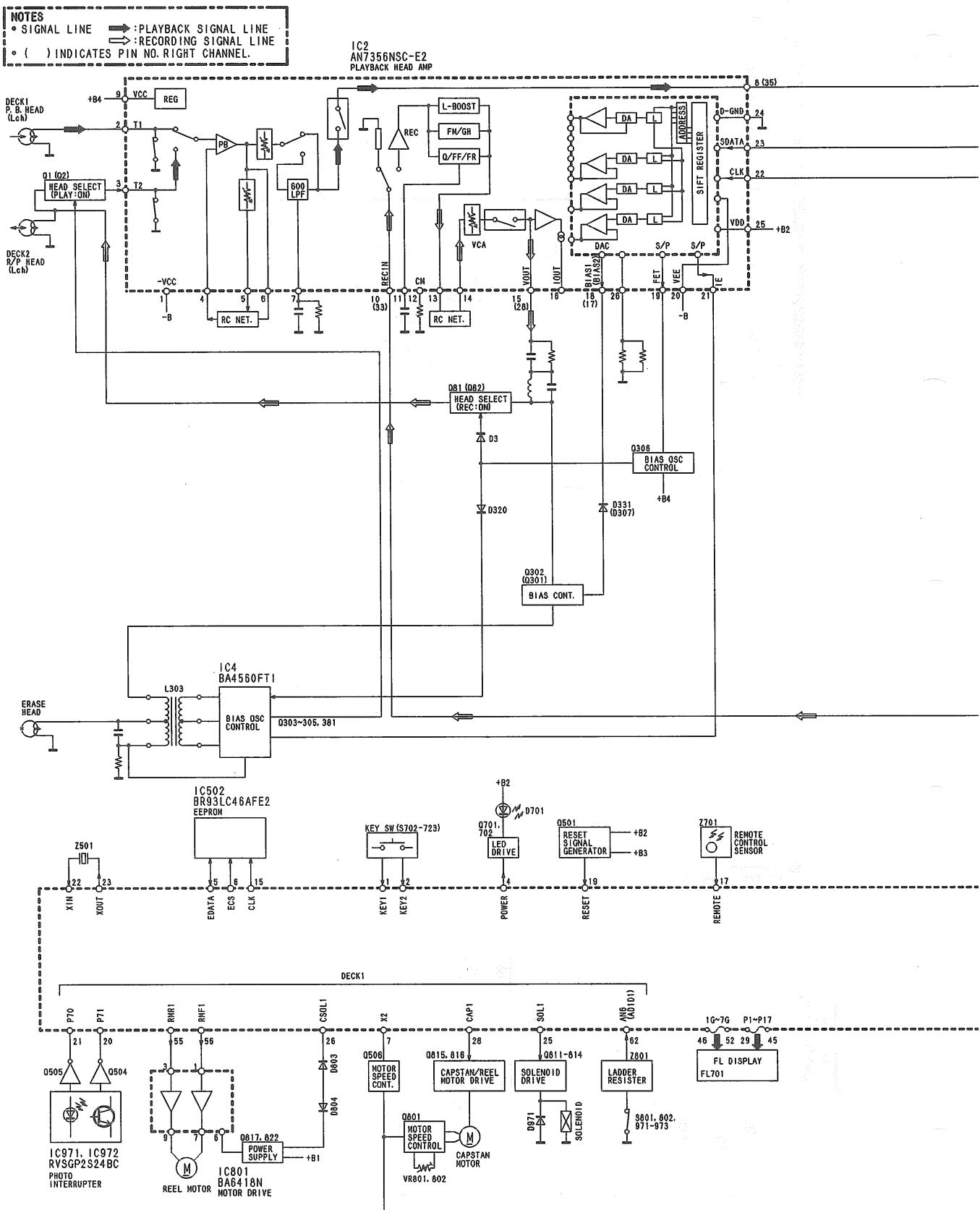
F FL CIRCUIT
(P.C. Board: on page 20)

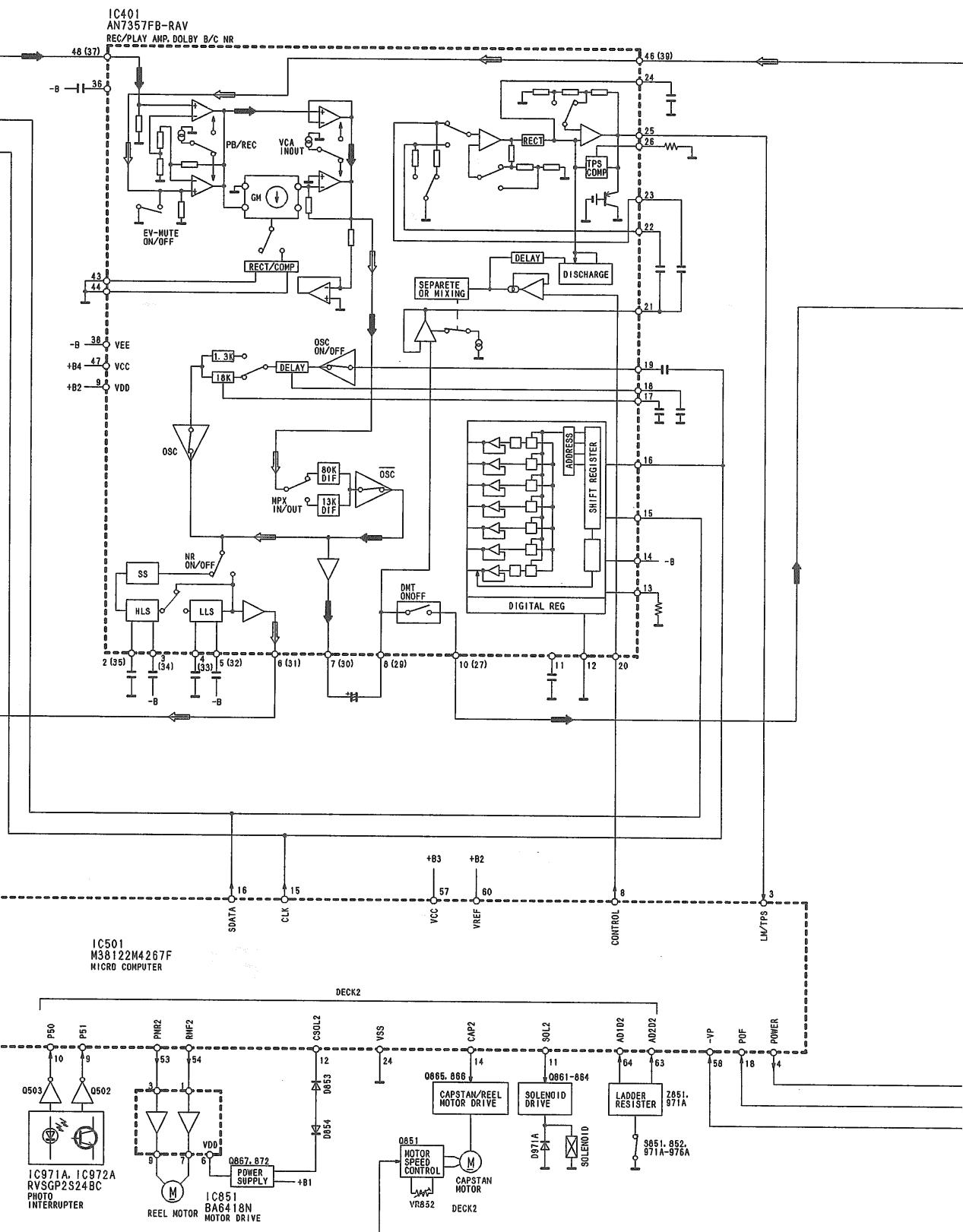


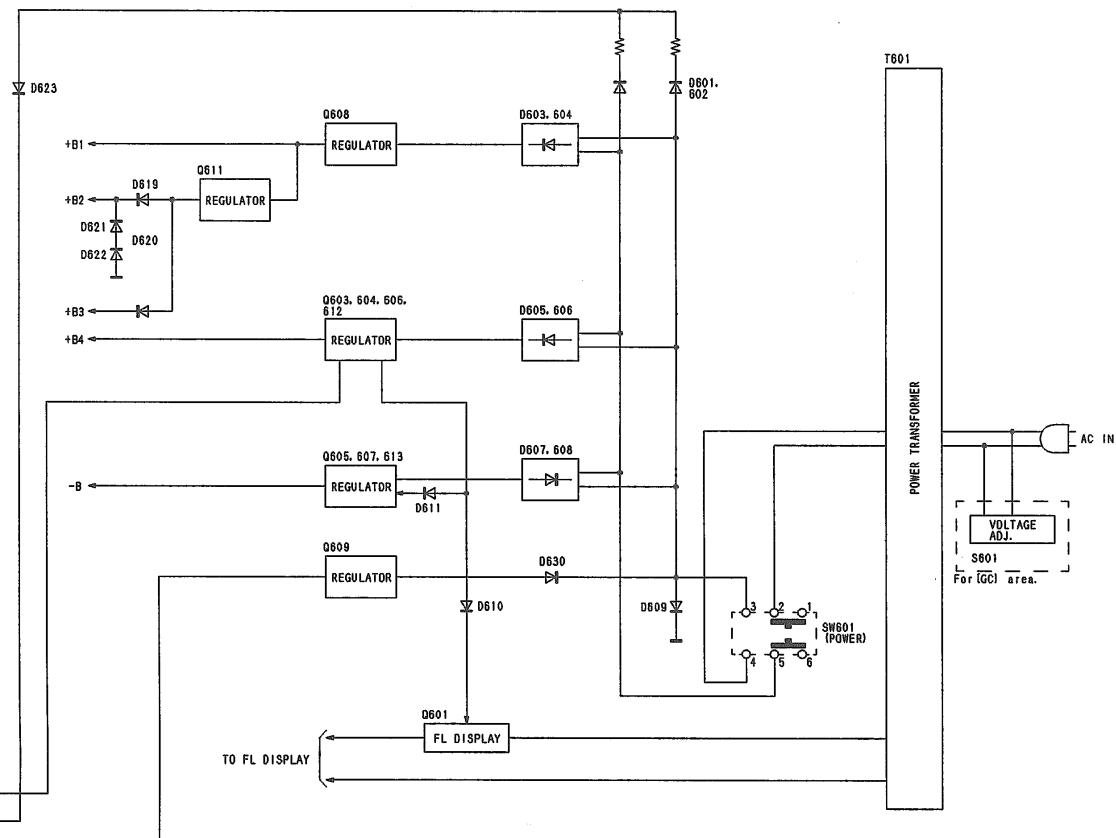
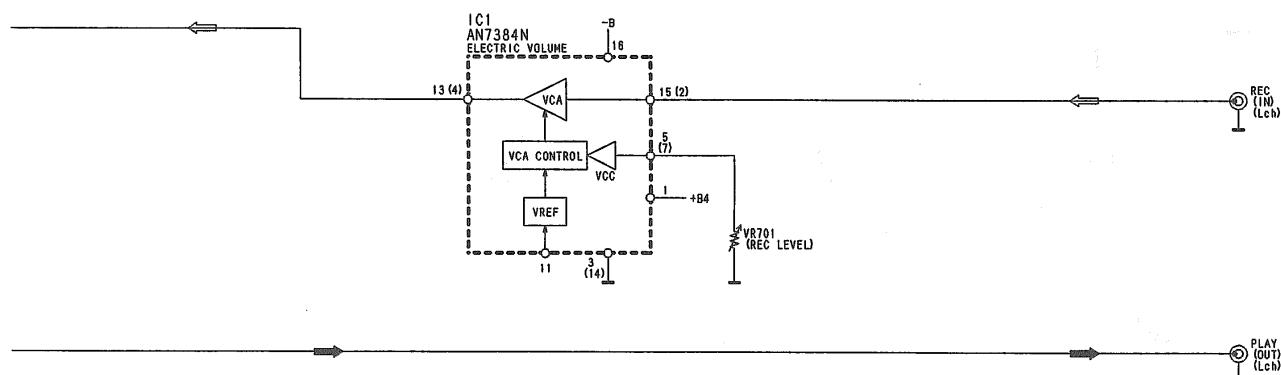
H MECHANISM CIRCUIT (DECK 1)
(P.C. Board: on page 20)



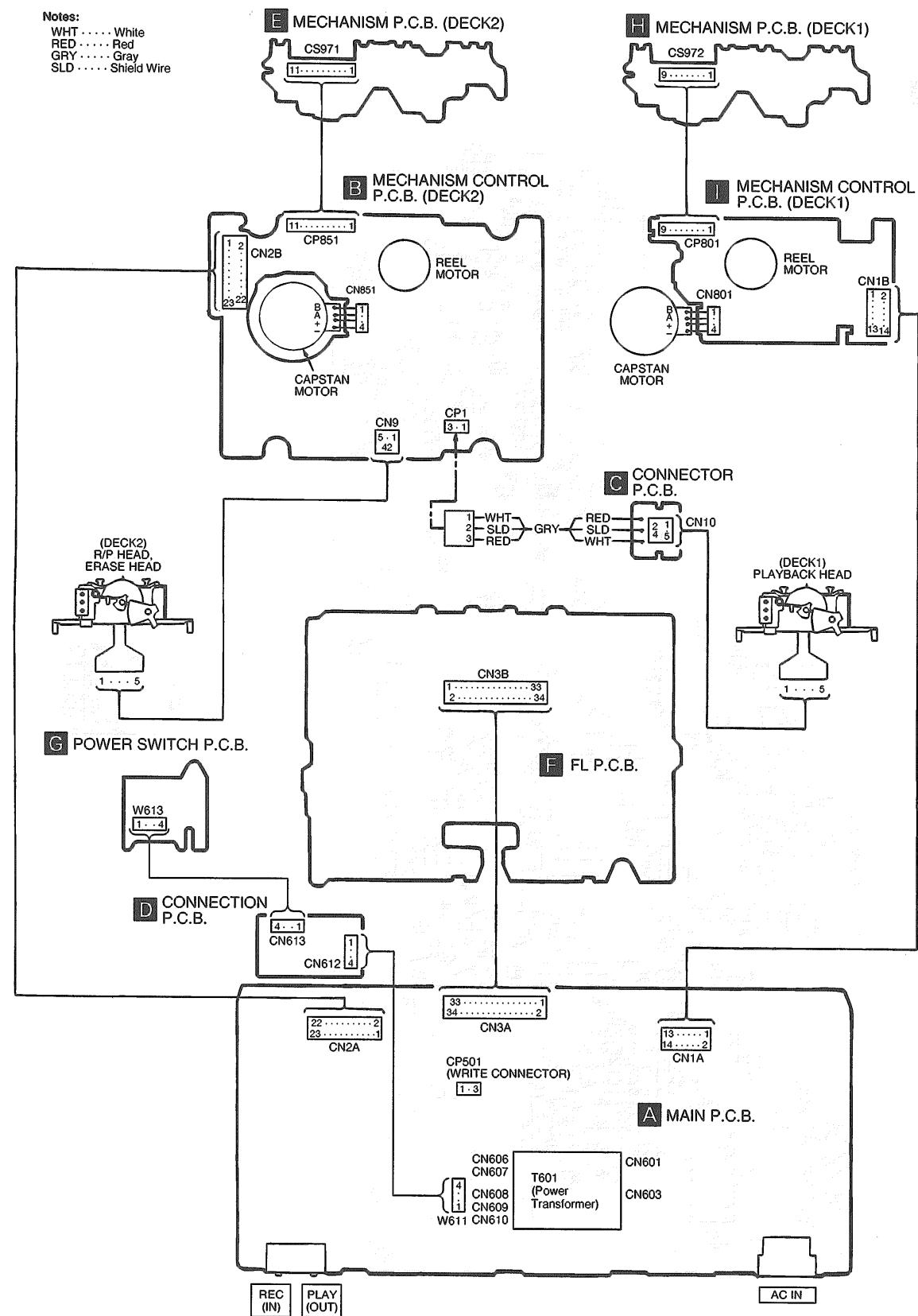
Block Diagram





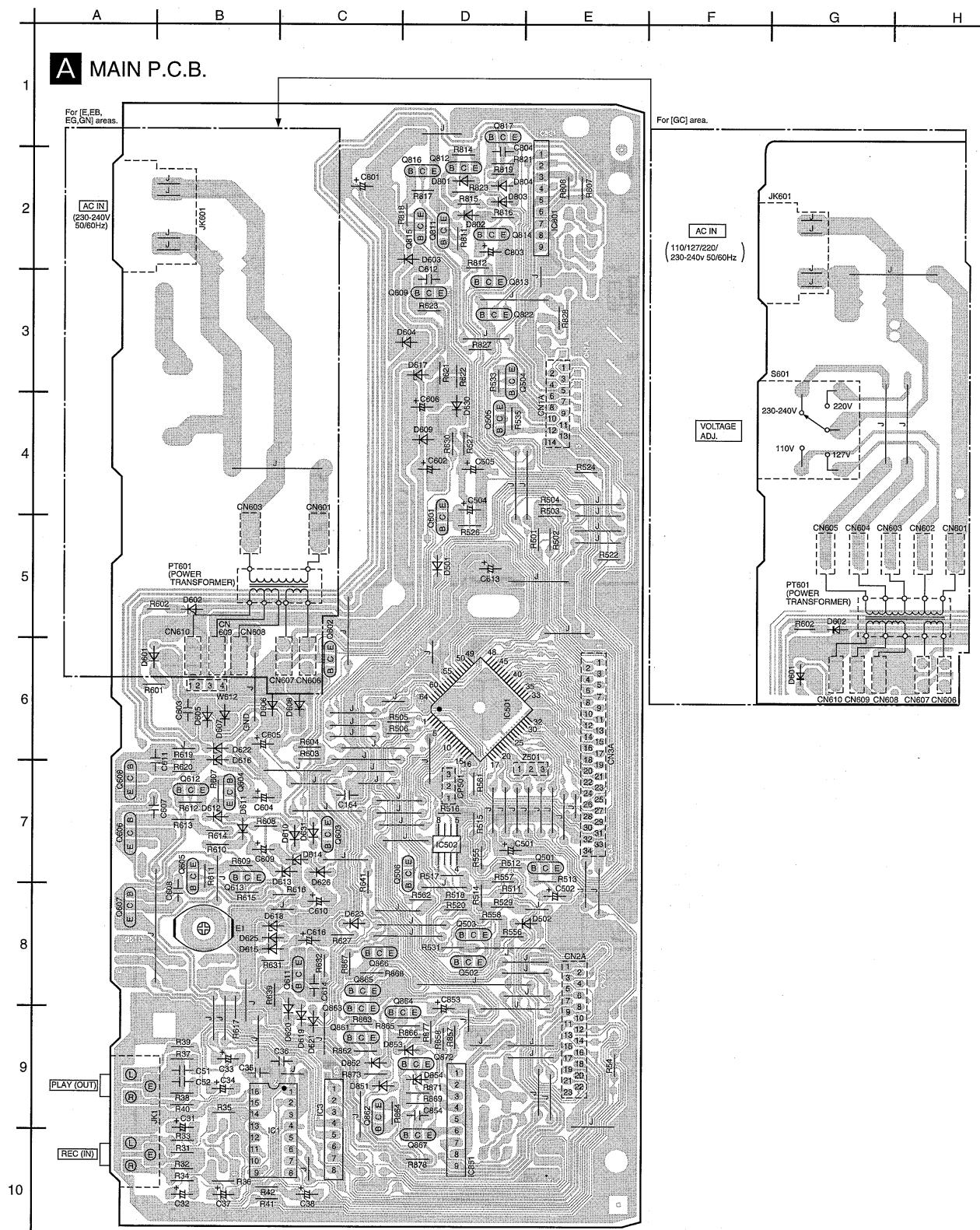


■ Wiring Connection Diagram



■ Printed Circuit Board Diagram

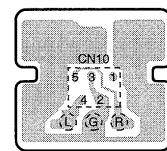
(This printed circuit board diagram may be modified at any time with the development of new technology.)



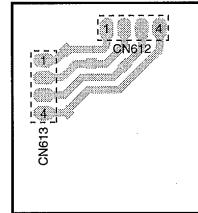
■ Electrical Parts Location

MAIN P.C.B.						
IC1	10C	D623	8C	C609	7B	R614
IC3	9C	D625	8B	C610	8C	R615
IC501	6D	D626	7C	C611	6B	R616
IC502	7D	D630	4D	C612	3D	R617
IC801	2E	D631	7C	C613	5D	R619
IC851	10D	D801	2D	C614	8C	R620
Q501	7E	D802	2D	C616	8C	R621
Q502	8D	D803	2D	C803	2D	R622
Q503	8D	D804	2D	C804	2D	R623
Q504	3D	D851	9C	C805	6B	R627
Q506	7D	D852	9C	C853	9D	R627
Q601	4D	D853	9D	C854	9D	R630
Q602	6C	D854	9D	R31	10B	R631
Q603	7C	CN1A	4E	R32	10B	R632
Q604	7B	CN2A	8E	R33	10B	R639
Q605	7B	CN3A	6E	R34	10B	R641
Q606	7A	CN601	5C	R35	9B	R807
Q607	8A	CN601	5H	R36	10B	R808
Q608	7A	CN602	5H	R37	9B	R811
Q609	3D	CN603	5B	R38	9B	R812
Q611	8C	CN603	5G	R39	9B	R814
Q612	7B	CN604	5G	R40	9B	R815
Q613	7B	CN605	5G	R41	10B	R817
Q811	2D	CN606	6H	R42	10B	R818
Q812	2D	CN606	6C	R54	9E	R819
Q813	3D	CN607	6C	R501	5E	R821
Q814	2D	CN607	6H	R502	5E	R823
Q815	2D	CN608	6B	R503	4E	R827
Q816	2D	CN608	6G	R504	4E	R828
Q817	1D	CN609	6B	R505	6C	R857
Q822	3D	CN609	6G	R506	6C	R858
Q861	9C	CN610	6B	R511	8D	R862
Q862	9C	CN610	6G	R512	7D	R863
Q863	9C	CP501	7D	R513	7E	R864
Q864	9D	E1	8B	R514	8D	R865
Q865	8C	JK1	9A	R515	7D	R866
Q866	8C	JK601	2A	R516	7D	R867
Q867	10D	JK601	2G	R517	7D	R868
Q872	9D	PT601	5B	R518	8D	R869
D501	5D	PT601	5G	R520	8D	R871
D502	8E	S601	4G	R522	5E	R873
D601	6A	W612	6B	R524	4E	R877
D601	6G	Z501	7E	R526	5D	R878
D602	5B	C31	9B	R529	8D	
D602	5G	C32	10B	R531	8D	
D603	2D	C33	9B	R533	3D	
D604	3D	C34	9B	R535	4D	
D605	6B	C35	9B	R555	7D	
D606	6B	C36	9C	R556	8D	
D607	6B	C37	10B	R557	7D	
D608	6C	C38	9C	R558	8D	
D609	4D	C51	9B	R561	7D	
D610	7C	C52	9B	R562	8D	
D611	7B	C164	7C	R601	6A	
D612	7B	C501	7D	R602	5B	
D613	7C	C502	8E	R602	5G	
D614	7C	C504	4D	R603	6C	
D615	8B	C505	4D	R604	6C	
D616	6B	C601	2C	R607	7B	
D617	3D	C602	4D	R608	7B	
D618	8B	C603	6B	R609	7B	
D619	9C	C604	7B	R610	7B	
D620	9C	C606	4D	R611	7B	
D621	9C	C607	7A	R612	7B	
D622	6B	C608	6B	R613	7B	

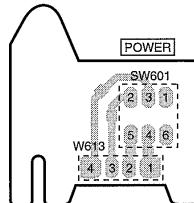
C CONNECTOR P.C.B.

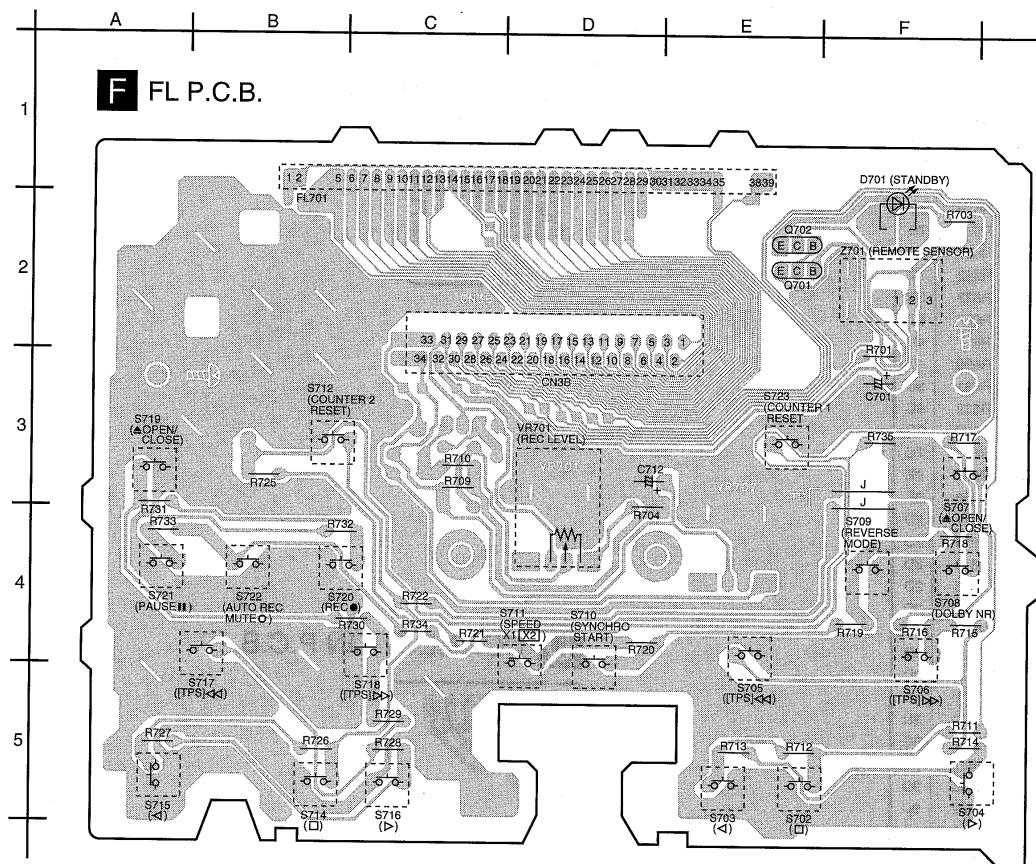


D CONNECTION P.C.B.



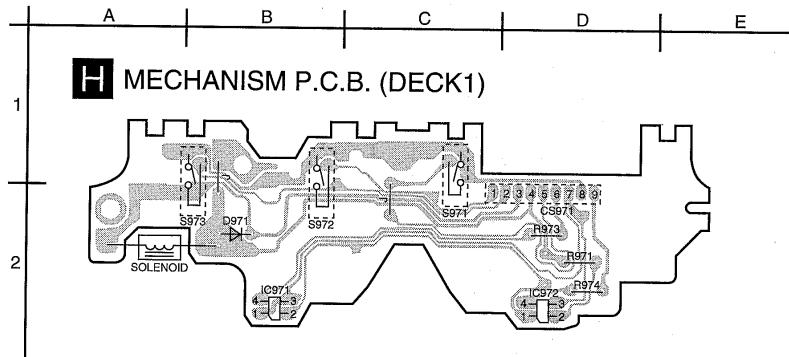
G POWER SWITCH P.C.B.



F FL P.C.B.

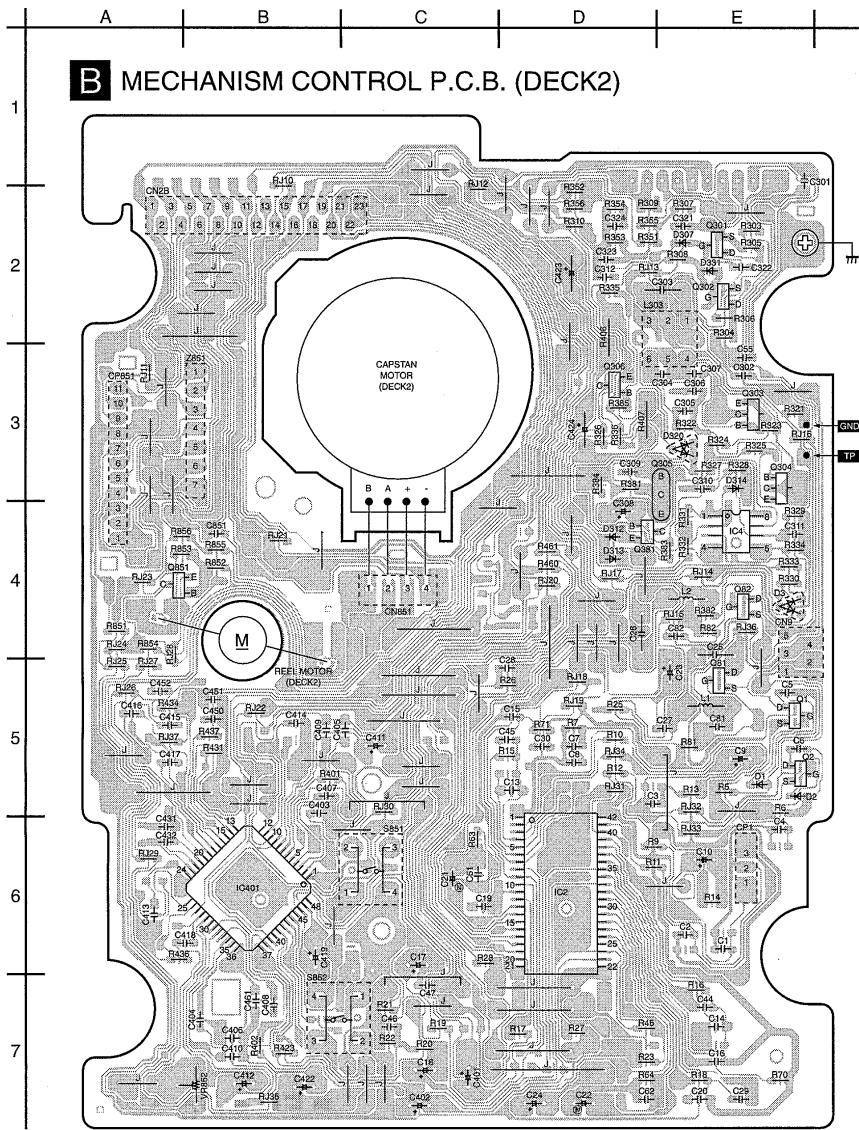
■ Electrical Parts Location

FL P.C.B.					
Q701	2E	S720	4B	R720	4D
Q702	2E	S721	4A	R721	4C
D701	2F	S722	4B	R722	4C
CN3B	2D	S723	3E	R725	3B
FL701	1C	VR701	3D	R726	5B
S702	5E	Z701	2F	R727	5A
S703	5E	C701	3F	R728	5C
S704	5F	C702	3C	R729	5C
S705	4E	C712	3D	R730	4C
S706	4F	R701	2F	R731	3A
S707	3F	R703	2F	R732	4B
S708	4F	R704	3D	R733	4A
S709	4F	R709	3C	R734	4C
S710	4D	R710	4C	R735	3F
S711	4D	R712	5E		
S712	3B	R713	5E		
S714	5B	R714	5F		
S715	5A	R715	4F		
S716	5C	R716	4F		
S717	4B	R717	3F		
S718	4C	R718	4F		
S719	3A	R719	4F		

H MECHANISM P.C.B. (DECK1)

■ Electrical Parts Location

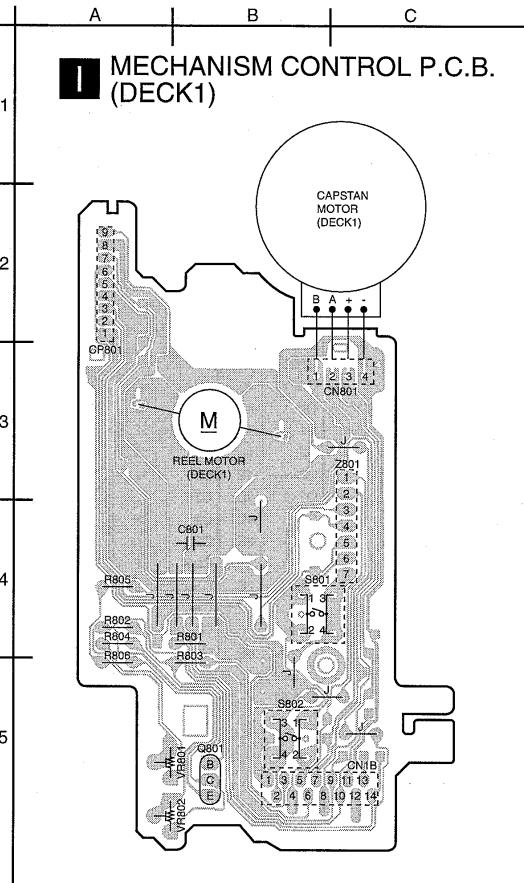
MECHANISM P.C.B. (DECK 1)			
IC971	2B	S972	2B
IC972	2D	S973	2B
D971	2B	R971	2D
CS971	2D	R973	2D
S971	2C	R974	2D



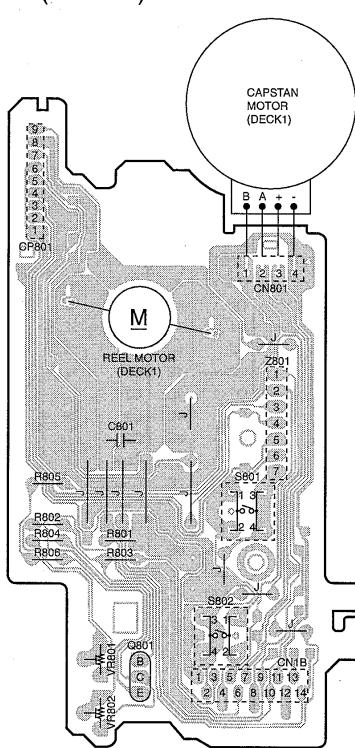
B MECHANISM CONTROL P.C.B. (DECK2)

■ Electrical Parts Location

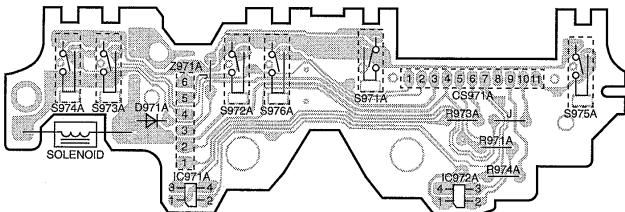
MECHANISM CONTROL P.C.B. (DECK 2)					
IC2	6D	C9	5E	R5	5E
IC4	4E	C10	6E	R6	6E
IC401	6B	C13	5D	R7	5D
Q1	5E	C14	7E	R9	6E
Q2	5E	C15	5D	R10	5D
Q81	5E	C16	7E	R11	6E
Q82	4E	C17	6C	R12	5D
Q303	3E	C18	7C	R13	5E
Q304	3E	C19	6C	R14	6E
Q306	3D	C20	7E	R15	5D
Q381	4D	C21	6C	R16	7E
Q851	4B	C22	7D	R17	7D
D1	5E	C23	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		



I MECHANISM CONTROL P.C.B. (DECK1)



E MECHANISM P.C.B. (DECK2)



■ 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

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

■ Replacement Parts List (Pages 50 ~ 54 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.

*Capacity values are in microfarads (uF) 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	ECUVNE104ZFN	25V 0.1U	2	
C9, 10	RCE0GKS211G	4V 220U	2	
C13, 14	ECHU1C682JB5	16V 6800P	2	
C15, 16	ECUV1E223KBN	25V 0.022U	2	
C17, 18	ECA1CAD100XI	16V 10U	2	
C19, 20	ECUVNC474KBN	16V 0.47U	2	
C21, 22	ECEA1ASN100I	10V 10U	2	
C23, 24	ECA1CAD100XI	16V 10U	2	
C25, 26	ECKR2H151KB5	500V 150P	2	
C27, 28	ECUV1H561KBN	50V 560P	2	
C29, 30	ECUVNE104ZFN	25V 0.1U	2	
C31, 32	ECA1HPKS0108	50V 1U	2	
C33, 34	ECA1CPKS1008	16V 10U	2	
C35, 36	ECBT1E103ZF	25V 0.01U	2	
C37, 38	ECA1EPKS2208	25V 22U	2	
C44, 45	ECUV1H121KCN	50V 120P	2	
C46, 47	ECUV1H332KBN	50V 3300P	2	
C51, 52	ECBT1C332KRS	16V 3300P	2	
C55	ECUV1H103ZFN	50V 0.01U	1	
C61, 62	ECUV1H22KBN	50V 1200P	2	
C81, 82	ECUV1H102KBN	50V 1000P	2	
C164	ECBT1E103ZF	25V 0.01U	1	
C301, 02	ECUV1H101KCN	50V 100P	2	
C303	ECQP1153JZ	100V 0.015U	1	
C304	ECUV1H392KBN	50V 3900P	1	
C305	ECUV1H222KBN	50V 2200P	1	
C306	ECUV1H682KBN	50V 6800P	1	
C307	ECUV1H222KBN	50V 220P	1	
C308	ECEA1CKS100	16V 10U	1	
C309, 10	ECUV1H103ZFN	50V 0.01U	2	
C311, 12	ECUVNE104ZFN	25V 0.1U	2	
C321, 22	ECUV1H102KBN	50V 1000P	2	
C323, 24	ECUV1H221KBN	50V 220P	2	
C401, 02	ECEA1ASN100I	10V 10U	2	
C403, 04	ECUV1H182KBN	50V 1800P	2	
C405, 06	ECUVNC474KBN	16V 0.47U	2	
C407, 08	ECUV1H152KBN	50V 1500P	2	
C409, 10	ECUVNC474KBN	16V 0.47U	2	
C411, 12	ECEA1HKS2R2	50V 2.2U	2	
C413	ECUVNC474KBN	16V 0.47U	1	
C414	ECUVNE104ZFN	25V 0.1U	1	
C415	ECUV1H272KBN	50V 2700P	1	
C416	ECUV1H392KBN	50V 3900P	1	
C417	ECUVNE104ZFN	25V 0.1U	1	
C418	ECUVNC105ZFN	16V 1U	1	
C419	ECEA1CKS100	16V 10U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	ECUVNC225ZFM	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	
C607, 08	ECBT1E103ZF	25V 0.01U	2	
C609, 10	ECA1AM471	10V 470U	2	
C611, 12	ECBT1E103ZF	25V 0.01U	2	
Δ C613	ECA0JM102	6.3V 1000U	1	
C614	ECBT1E103ZF	25V 0.01U	1	
C616	RCE1AKA101BG	10V 100U	1	
C701	RCE1CKA100BG	16V 10U	1	
C712	ECEA1HKS010	50V 1U	1	
C801	ECBTIE223ZF	25V 0.022U	1	
C803	RCE1HKA47BG	50V 0.47U	1	
C804	ECBTIE103ZF	25V 0.01U	1	
C851	ECUV1H223ZFN	50V 0.022U	1	
C853	RCE1HKA47BG	50V 0.47U	1	
C854	ECBTIE103ZF	25V 0.01U	1	
CN1A	RJS1A6B14	CONNECTOR (14P)	1	
CN1B	RJS1A6714-D	CONNECTOR (14P)	1	
CN2A	RJS1A6B23	CONNECTOR (23P)	1	
CN2B	RJS1A6723	CONNECTOR (23P)	1	
CN3A	RJS1A6834	CONNECTOR (34P)	1	
CN3B	RJS1A6234-1	CONNECTOR (34P)	1	
CN9	RJS2A025-2S	CONNECTOR (5P)	1	
CN601	RJS1A1101T1	CONNECTOR (1P)	1	
CN602	RJS1A1101T1	CONNECTOR (1P)	1	(GC)
CN603	RJS1A1101T1	CONNECTOR (1P)	1	
CN604, 05	RJS1A1101T1	CONNECTOR (1P)	2	(GC)
CN606-10	RJS1A1101T1	CONNECTOR (1P)	5	
CN612	RJS1A6604	CONNECTOR (4P)	1	
CN613	RJS1A6604	CONNECTOR (4P)	1	
CN801	RJR0113	CONNECTOR (4P)	1	
CN851	RJR0113	CONNECTOR (4P)	1	
CP1	RJP3G172A	CONNECTOR (3P)	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	
D307	MA111TX	DIODE	1	
D312, 13	MA112TX	DIODE	2	
D314	MA110TX	DIODE	1	
D320	MA152WATX	DIODE	1	
D331	MA111TX	DIODE	1	
D501, 02	MA165	DIODE	2	
Δ D601, 02	MA165	DIODE	2	
Δ D603-09	RL1N4003N02	DIODE	7	
D610-12	MA165	DIODE	3	
Δ D613	MTZJBR2CTA	DIODE	1	
Δ D614	MTZJ6R2BTA	DIODE	1	
Δ D615	MA165	DIODE	1	
Δ D616	MTZJ9R1CTA	DIODE	1	
Δ D617	MTZJ20DTA	DIODE	1	
Δ D618	MTZJ5R1BTA	DIODE	1	
Δ D619	MA178TA	DIODE	1	
Δ D620	RL1N4003N02	DIODE	1	
D621	MA165	DIODE	1	
Δ D622	MTZJ5R1BTA	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D623	MA165	DIODE	1	
D625	MA165	DIODE	1	
△ D626	MA29TATA	DIODE	1	
△ D630	RL1N4003N02	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	
D851	MA178TA	DIODE	1	
D852	MA700	DIODE	1	
D853	MA165	DIODE	1	
D854	MTZJ4R7ATA	DIODE	1	
D971	RVD1SS133TA	DIODE	1	
D971A	RVD1SS133TA	DIODE	1	
FL701	RSL0176-F	FL DISPLAY TUBE	1	
IC1	AN7384N	IC	1	
IC2	AN7356NSC-E2	IC	1	
IC4	SV1BA4560FT1	IC	1	
IC401	AN7357FB-RAV	IC	1	
IC501	M38122N4267F	IC	1	
IC502	BR93LC46AFC2	IC	1	
IC801	BA6418N	IC	1	
IC851	BA6418N	IC	1	
IC971	RVSGP2S24BC	IC	1	
IC971A	RVSGP2S24BC	IC	1	
IC972	RVSGP2S24BC	IC	1	
IC972A	RVSGP2S24BC	IC	1	
JK1	SJF3069N	JACK TERMINAL BOARD:R/P	1	
△ JK601	SJS9236	JACK, AC INLET	1	
L1, 2	RLQX303JT-K	COIL, BIAS TRAP	2	
L303	SL0984-K	COIL, OSCILLATOR	1	
△ PT601	RTP1K4B026-V	POWER TRANSFORMER	1	(E) (EB) (EG) (GN)
△ PT601	RTP1K4E032-V	POWER TRANSFORMER	1	(GC)
Q1, 2	2SJ163PQRTX	TRANSISTOR	2	
Q81, 82	2SK1103PQRTX	TRANSISTOR	2	
Q301, 02	2SK1103PTX	TRANSISTOR	2	
Q303, 04	2SD874QRSTX	TRANSISTOR	2	
Q305	KS0471ACYGTA	TRANSISTOR	1	
Q306	2SB710AQRSTX	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	
△ Q607	2SB1548PQAU	TRANSISTOR	1	
△ Q608	2SD2374PQAU	TRANSISTOR	1	
△ Q609	KSB564ACYGTA	TRANSISTOR	1	
△ Q611	KSD471ACYGTA	TRANSISTOR	1	
△ Q612	2SA1309A-R	TRANSISTOR	1	
△ Q613	2SC3311AR	TRANSISTOR	1	
Q701	DTA114ESTP	TRANSISTOR	1	
Q702	DTC114ESTP	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	
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	
Q872	2SC3311AR	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
R45	ERJ6GEYJ122V	1/10W 1.2K	1	
R54	ERDS2FJ102	1/4W 1K	1	
R63, 64	ERJ6GEYJ223V	1/10W 22K	2	
R70, 71	ERJ6GEYJ273V	1/10W 27K	2	
R81, 82	ERJ6GEYJ225V	1/10W 2.2M	2	
R303, 04	ERJ6GEYJ392V	1/10W 3.9K	2	
R305, 06	ERJ6GEYJ224V	1/10W 220K	2	
R307, 08	ERJ6GEYJ225V	1/10W 2.2M	2	
R309, 10	ERJ6GEYJ393V	1/10W 39K	2	
R321	ERJ6GEYJ1R0V	1/10W 1	1	
R322, 23	ERJ6GEYJ183V	1/10W 18K	2	
R324, 25	ERJ6GEYJ100	1/10W 10	2	
R326	ERJ6GEYJ222V	1/10W 1.2K	1	
R327	ERJ6GEYJ1022	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	ERJ6GEYJ1022	1/10W 1K	1	
R333	ERJ6GEYJ123V	1/10W 12K	1	
R334-36	ERJ6GEYJ332V	1/10W 3.3K	3	
R351	ERJ6GEYJ103V	1/10W 10K	1	
R352	ERJ6GEYJ822V	1/10W 8.2K	1	
R353, 54	ERJ6GEYJ223V	1/10W 22K	2	
R355, 56	ERJ6GEYJ332V	1/10W 3.3K	2	
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	ERJ6GEYJ1022	1/10W 1K	2	
△ 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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R561, 62	ERDS2FJ103	1/4W 10K	2		R657, 58	ERDS2FJ103	1/4W 10K	2	
R601, 02	ERDS2FJ472	1/4W 4. 7K	2		R662	ERDS2FJ223	1/4W 22K	1	
R603, 04	ERDS2FJ562	1/4W 5. 6K	2		R663	ERDS2FJ102	1/4W 1K	1	
R607	ERDS2FJ472	1/4W 4. 7K	1		R664	ERDS2FJ223	1/4W 22K	1	
R608	ERDS2FJ103	1/4W 10K	1		R665	ERDS2FJ821	1/4W 820	1	
R609	ERDS2FJ1R5	1/4W 1. 5	1		R666	ERDS2FJ472	1/4W 4. 7K	1	
R610	ERDS2FJ472	1/4W 4. 7K	1		R667	ERDS2FJ223	1/4W 22K	1	
R611	ERDS2FJ104	1/4W 100K	1		R668, 69	ERDS2FJ821	1/4W 820	2	
R612	ERDS2FJ1R5	1/4W 1. 5	1		R671	ERDS2FJ101	1/4W 100	1	
R613	ERDS2FJ101	1/4W 100	1		R673	ERDS2FJ100	1/4W 10	1	
R614, 15	ERDS2FJ471	1/4W 470	2		R677	ERDS2FJ222	1/4W 2. 2K	1	
R616	ERDS2FJ101	1/4W 100	1		R678	ERDS2FJ332	1/4W 3. 3K	1	
R617	ERDS2FJ102	1/4W 1K	1		R679	ERDS2FJ221	1/4W 220	1	
R619	ERDS2FJ391	1/4W 390	1		R681, 71	ERDS2TJ221T	1/4W 220	1	
R620	ERDS2FJ101	1/4W 100	1		R683, 74	ERDS2FJ393	1/4W 39K	2	
R621	ERDS2FJ222	1/4W 2. 2K	1		R683A, 74A	ERDS2TJ393T	1/4W 39K	2	
▲ R622	ERD2FCG100	1/4W 10	1		RJ10-37	ERJ6GEY0R00	CHIP JUMPER	28	
R623	ERDS2FJ101	1/4W 100	1						
R627	ERDS2FJ103	1/4W 10K	1						
R630	ERDS2FJ2R7	1/4W 2. 7	1		▲ S601	RSR4A001S-H	SW, VOLTAGE SELECTOR	1	(GC)
R631	ERDS2FJ331	1/4W 330	1		S702-12	EVQPTD05Q	SW, TACT	11	
R632	ERDS2FJ101	1/4W 100	1		S714-23	EVQPTD05Q	SW, TACT	10	
▲ R639	ERD2FCJ6R8	1/4W 6. 8	1		S801, 02	RSH1A024-U	SW, OPEN, CLOSE DET.	2	
R641	ERDS2FJ562	1/4W 5. 6K	1		S851, 52	RSH1A024-U	SW, OPEN, CLOSE DET.	2	
R701	ERDS2FJ103	1/4W 10K	1		S971	RSH1A018-1U	SW, MODE	1	
R703	ERDS2FJ181	1/4W 180	1		S971A	RSH1A018-1U	SW, MODE	1	
R704	ERDS2FJ472	1/4W 4. 7K	1		S972	RSH1A019-2U	SW, HALF	1	
R709	ERDS2FJ223	1/4W 22K	1		S972A, 73	RSH1A019-2U	SW, ATS/CRO2	2	
R710	ERDS2FJ823	1/4W 82K	1		S973A-6A	RSH1A019-2U	SW, ATS/METAL	4	
R711	ERDS2FJ821	1/4W 820	1						
R712	ERDS2FJ102	1/4W 1K	1		SA1	QZZCFM	HEAD AZ1MUTH ADJ. CHECK	1	
R713	ERDS2FJ122	1/4W 1. 2K	1		SA2	QZZCWAT	TAPE SPEED ADJ. CHECK	1	
R714	ERDS2FJ152	1/4W 1. 5K	1		SA3	QZZCRA	BLANK TAPE(NORMAL)	1	
R715	ERDS2FJ182	1/4W 1. 8K	1		SA4	QZZC-RX2	BLANK TAPE(CR02)	1	
R716	ERDS2FJ222	1/4W 2. 2K	1		SA5	QZZC-RZ6	BLANK TAPE(METAL)	1	
R717	ERDS2FJ332	1/4W 3. 3K	1		SA6	SZ20L18	FLO1L AK-152	1	
R718	ERDS2FJ472	1/4W 4. 7K	1		SA7	RZ20L02	SWAFLUID #56	1	
R719	ERDS2FJ682	1/4W 6. 8K	1		SA8	RZ20L05	MOLYCOAT EM-20L	1	
R720	ERDS2FJ123	1/4W 12K	1		SW601	RSP2B024-A	SW, POWER	1	
R721	ERDS2FJ223	1/4W 22K	1						
R722	ERDS2FJ683	1/4W 68K	1		VR701	EVJ02FFA7B15	V. R. REC LEVEL CONTROL	1	
R725	ERDS2FJ821	1/4W 820	1		VR801, 02	EVNDCAA03B53	V. R. TAPE SPEED ADJ.	2	
R726	ERDS2FJ102	1/4W 1K	1		VR852	EVNDCAA03B53	V. R. TAPE SPEED ADJ.	1	
R727	ERDS2FJ122	1/4W 1. 2K	1						
R728	ERDS2FJ152	1/4W 1. 5K	1		Z501	EFOEC6004T4	OSCILLATOR	1	
R729	ERDS2FJ182	1/4W 1. 8K	1		Z701	RCDHG-278N	REMOTE SENSOR	1	
R730	ERDS2FJ222	1/4W 2. 2K	1		Z801	EXBF7L355SYV	COMPONENT COMBINATION	1	
R731	ERDS2FJ332	1/4W 3. 3K	1		Z851	EXBF7L355SYV	COMPONENT COMBINATION	1	
R732	ERDS2FJ472	1/4W 4. 7K	1		Z971A	EXBF6L306SYV	COMPONENT COMBINATION	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						
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						