

# Service Manual

Dolby NR-Equipped  
Stereo Double Cassette Deck

Cassette Deck  
**RS-TR575M2**



## AR-1 MECHANISM SERIES

### Colour

(K) ..... Black Type

### Areas

E ..... Europe.

EB ..... Great Britain.

EG ..... Germany and Italy.

GC ..... Asia, Latin America,  
Middle Near East  
and Africa.

GN ..... Oceania.

\* 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.

Please file and use this manual together with the service manual for Model No. RS-TR575, Order No. AD9403060C0.

- Notes:**
- This simplified service manual is provided to indicate the main differences between the original model No. RS-TR575 and the subsequent model No. RS-TR575M2.
  - 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.

### ⚠ 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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# CHANGES

## ■ Writing to EEPROM (Page 24 of RS-TR575 Service Manual.)

### ● EEPROM MAP

| High<br>Low | 0  | 1 | 2  | 3  | 4  | 5  | 6  | 7  |
|-------------|----|---|----|----|----|----|----|----|
| 0           | 00 | — | —  | —  | —  | —  | —  | —  |
| 1           | —  | — | —  | —  | —  | —  | —  | —  |
| 2           | —  | — | —  | —  | —  | —  | —  | —  |
| 3           | 5A | — | —  | —  | —  | —  | —  | —  |
| 4           | —  | — | 68 | 77 | 86 | 68 | 77 | 86 |
| 5           | —  | — | 78 | 60 | 80 | 78 | 60 | 80 |
| 6           | —  | — | 38 | 30 | 18 | 38 | 30 | 18 |
| 7           | —  | — | 64 | 68 | 78 | 64 | 68 | 78 |
| 8           | —  | — | A8 | B0 | 8C | A8 | B0 | 8C |
| 9           | —  | — | 9A | AA | 94 | 58 | 70 | 73 |
| A           | —  | — | 75 | 0F | —  | 77 | 80 | 80 |
| B           | —  | — | 70 | 2B | —  | 40 | 50 | A0 |
| C           | —  | — | 4B | 12 | —  | B0 | B4 | B0 |
| D           | —  | — | 72 | 07 | —  | 66 | 5E | 40 |
| E           | —  | — | 4A | FB | 00 | 70 | 74 | 02 |
| F           | —  | — | 50 | F5 | 00 | 47 | 47 | 5A |

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

## ■ Change in Replacement Parts List (Cabinet, Mechanism, Packing and accessories) (Pages 56, 61, 66 of RS-TR575 Service Manual.)

### Notes:

#### \* Important safety notice:

Components identified by  $\Delta$  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.

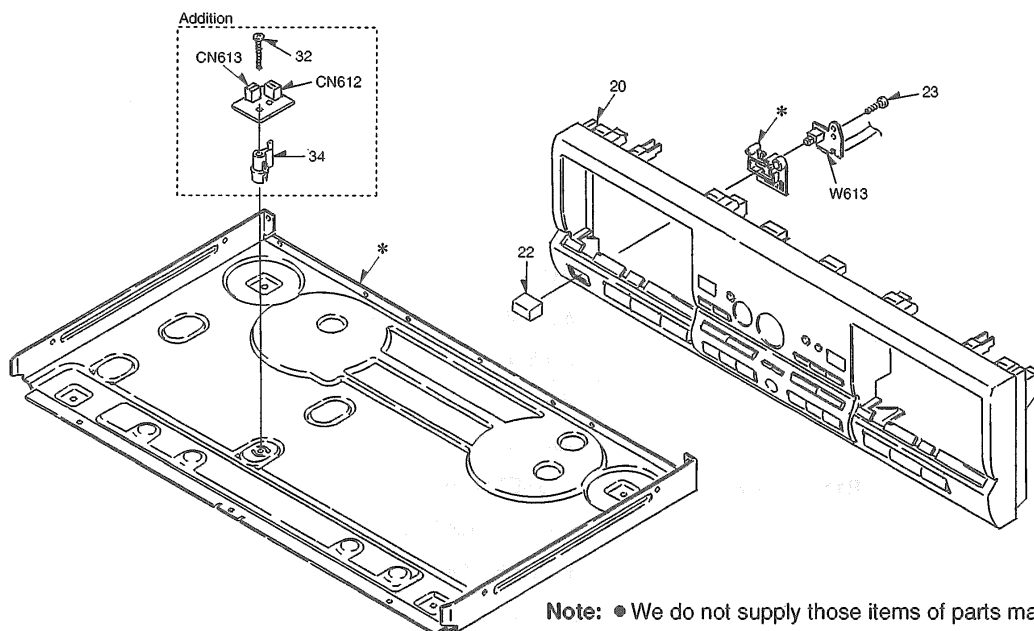
[<IA>: English/Spanish/French, <IB>: Polish/Czech/Russian, <IC>: English, <ID>: German/Italian/French, <IE>: Dutch/Danish, <IF>: Spanish/Chinese/Arabic]

| Ref. No.            | Change of Part No.       |                              | Part Name & Description | Remarks  |
|---------------------|--------------------------|------------------------------|-------------------------|----------|
|                     | RS-TR575 (E,EG,EB,GC,GN) | ⇒ RS-TR575M2 (E,EG,EB,GC,GN) |                         |          |
| CABINET AND CHASSIS |                          |                              |                         |          |
| 1                   | RHD30035-K               | RHD30035-K1                  | SCREW                   |          |
| 2                   | RKM0260-K                | ————                         | CABINET                 | Deletion |
| 6                   | RFKNSTR373AK             | ————                         | TRANSFORMER BASE        | Deletion |
| 7                   | RFKNSTR373BK             | ————                         | TRANSFORMER BASE        | Deletion |
| 8                   | REX0580                  | REX0580-1                    | CONNECTOR ASS'Y (4P)    |          |
| 9                   | REX0579                  | REX0579-1                    | CONNECTOR ASS'Y (4P)    |          |
| 12                  | REZ0643                  | REZ0643-1                    | FLAT CABLE (27P)        |          |

| Ref. No.               | Change of Part No.       |                            | Part Name & Description    | Remarks  |
|------------------------|--------------------------|----------------------------|----------------------------|----------|
|                        | RS-TR575 (E,EG,EB,GC,GN) | RS-TR575M2 (E,EG,EB,GC,GN) |                            |          |
| 13                     | RGR0185B-G               | —                          | REAR PANEL                 | Deletion |
| 13                     | RGR0185B-J               | —                          | REAR PANEL                 | Deletion |
| 13                     | RGR0185C-B               | —                          | REAR PANEL                 | Deletion |
| 15                     | RFKJLPG460-K             | —                          | BOTTOM CHASSIS ASS'Y       | Deletion |
| 19                     | RMA0766                  | —                          | MECHANISM ANGLE            | Deletion |
| 20                     | RFKGSTR575EK             | <b>RYP0487H-K</b>          | FRONT PANEL ASS'Y          |          |
| 21                     | RFKNSTR575PK             | —                          | BUTTON ASS'Y (OPERATION)   | Deletion |
| 22                     | RGU1026-K                | <b>RGU1684-K</b>           | BUTTON, POWER              |          |
| 29                     | RMC0234                  | —                          | GND PLATE, H.P. JACK       | Deletion |
| 30                     | RGU1024A-K               | —                          | BUTTON, OPERATION (DECK 1) | Deletion |
| 31                     | RGU1025A-K               | —                          | BUTTON, OPERATION (DECK 2) | Deletion |
| 32                     | —                        | <b>XTBS26+10J</b>          | SCREW                      | Addition |
| 34                     | —                        | <b>RMN0392</b>             | P.C.B. SUPPORT             | Addition |
| <b>MECHANISM PARTS</b> |                          |                            |                            |          |
| 101                    | RXF0040                  | —                          | FLYWHEEL (F) ASS'Y         | Deletion |
| 102                    | RXF0047                  | —                          | 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 |
| 106                    | RXQ0316-1                | <b>RFKRSTR979</b>          | HEAD BLOCK (R/P)           |          |
| 106-2                  | RMB0352                  | <b>RMB0352-1</b>           | SPRING, HEAD HOLD          |          |
| 108                    | RDK0019A                 | <b>RDK0019A-1J</b>         | MAIN GEAR                  |          |
| 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                  | —                          | MOVING IRON CORE           | Deletion |
| 118                    | RSJ0003                  | —                          | SOLENOID                   | Deletion |
| 119                    | RUS609ZC                 | —                          | SPRING, TAPE PRESSURE      | Deletion |
| 130                    | RMQ0314A                 | —                          | SURASUTO SPACER            | Deletion |
| 132                    | RYF0263-K                | <b>RYF0263-K2</b>          | 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 |

| Ref. No.        | Change of Part No.       |                              | Part Name & Description | Remarks             |
|-----------------|--------------------------|------------------------------|-------------------------|---------------------|
|                 | RS-TR575 (E,EG,EB,GC,GN) | ➔ RS-TR575M2 (E,EG,EB,GC,GN) |                         |                     |
| 143             | XTW26+6L                 | —                            | SCREW                   | Deletion            |
| 144             | RFKJSCH404AK             | —                            | SUB CHASSIS ASS'Y       | Deletion            |
| 145             | RFKJSCH404BK             | —                            | CHASSIS ASS'Y           | Deletion            |
| PACKNG MATERIAL |                          |                              |                         |                     |
| P1              | PRG1925                  | RPG4068                      | PACKING CASE            | (E)                 |
|                 |                          | RPG4069                      |                         | (EG)                |
| P1              | RPG1924                  | RPG4070                      | PACKING CASE            | (GC)                |
| P1              | RPG1926                  | RPG4076                      | PACKING CASE            | (EB)                |
| P1              | RPG2197                  | RPG4079                      | PACKING CASE            | (GN)                |
| P4              | XZB50X65A02              | SPP723                       | PROTECTION BAG (UNIT)   |                     |
| P5              | XZB25X34C03Y             | RPF0139                      | PROTECTION BAG (F.B.)   |                     |
| ACCESSORIES     |                          |                              |                         |                     |
| A1              | RFKSSTR575E              | RQT4641-E                    | INSTRUCTION MANUAL      | (E) <IA>            |
|                 |                          | RQT4642-R                    | INSTRUCTION MANUAL      | (E) <IB>            |
| A1              | RQT2242-B                | RQT4645-B                    | INSTRUCTION MANUAL      | (EB) (GC) (GN) <IC> |
| A1              | RFKSSTR575EG             | RQT4643-D                    | INSTRUCTION MANUAL      | (EG) <ID>           |
|                 |                          | RQT4644-H                    | INSTRUCTION MANUAL      | (EG) <IE>           |
| A1              | RFKSSTR575GC             | RQT4646-G                    | INSTRUCTION MANUAL      | (GC) <IF>           |
| A2              | RQA0013                  | RQA0117                      | WARRANTY CARD           | (E) (EB) (EG)       |
| △ A4            | RJA0019-2K               | RJA0019-X                    | AC POWER SUPPLY CORD    | (E) (EG) (GC)       |
| △ A4            | VJA0073                  | RJA0053-2X                   | AC POWER SUPPLY CORD    | (EB)                |
| △ A4            | RJA0036-K                | RJA0035-K                    | AC POWER SUPPLY CORD    | (GN)                |

### ■ Cabinet Parts Location (Pages 57, 58 of RS-TR575 Service Manual.)



**Note:** ● We do not supply those items of parts marked \*.

- Operation button is contained front panel [RYP0487H-K] of Ref. 20. Therefore we don't supply operation button by single parts.

## ■ Schematic Diagram (See parts list on pages 26 ~ 29.)

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

|                                           |           |                                           |    |
|-------------------------------------------|-----------|-------------------------------------------|----|
| <b>A</b> MAIN CIRCUIT .....               | 6 ~ 9     | <b>H</b> HEADPHONE JACK CIRCUIT .....     | 14 |
| <b>B</b> MOTOR CIRCUIT (DECK 1) .....     | 6, 11, 12 | <b>I</b> OPERATION CIRCUIT (DECK 1) ..... | 14 |
| <b>C</b> MOTOR CIRCUIT (DECK 2) .....     | 6, 11, 12 | <b>J</b> OPERATION CIRCUIT (DECK 2) ..... | 14 |
| <b>D</b> POWER SUPPLY CIRCUIT .....       | 6         | <b>K</b> REC AMP CIRCUIT .....            | 10 |
| <b>E</b> MECHANISM CIRCUIT (DECK 1) ..... | 11        | <b>L</b> POWER SWITCH CIRCUIT .....       | 6  |
| <b>F</b> MECHANISM CIRCUIT (DECK 2) ..... | 11        | <b>M</b> CONNECTION CIRCUIT .....         | 6  |
| <b>G</b> FL CIRCUIT .....                 | 13 ~ 14   |                                           |    |

### Notes:

- **SW601**: Power "STANDBY  $\odot$  /ON" switch (POWER, STANDBY  $\odot$  /ON).
- **S601**: Voltage selector in "240" position. (For [GC] area only.) (110V  $\leftrightarrow$  127V  $\leftrightarrow$  220V  $\leftrightarrow$  240V)
- **S701**: DECK 2 Stop switch (■).
- **S702**: DECK 2 Forward-side playback switch (▶).
- **S703**: DECK 2 Reverse-side playback switch (◀).
- **S704**: DECK 2 Fast-forward search switch (▶▶ TPS).
- **S705**: DECK 2 Rewind search switch (◀◀ TPS).
- **S706**: DECK 2 Open/close switch (▲ OPEN/CLOSE).
- **S707**: DECK 2 Record switch (● REC).
- **S708**: DECK 2 Pause switch (■ PAUSE).
- **S709**: DECK 2 Automatic-record-muting switch (● AUTO REC MUTE).
- **S710**: Auto tape calibration switch (ATC).
- **S711**: DECK 1 Counter reset switch (COUNTER 1 RESET).
- **S713**: DECK 1 Stop switch (■).
- **S714**: DECK 1 Forward-side playback switch (▶).
- **S715**: DECK 1 Reverse-side playback switch (◀).
- **S716**: DECK 1 Fast-forward search switch (▶▶ TPS).
- **S717**: DECK 1 Rewind search switch (◀◀ TPS).
- **S718**: DECK 1 Open/close switch (▲ OPEN/CLOSE).
- **S719**: DECK 1 Record switch (● REC).
- **S720**: DECK 1 Pause switch (■ PAUSE).
- **S721**: DECK 1 Automatic-record-muting switch (● AUTO REC MUTE).
- **S722**: Auto tape calibration switch (ATC).
- **S723**: DECK 2 Counter reset switch (COUNTER 2 RESET).
- **S724**: Dolby noise-reduction switch (DOLBY NR;  $\boxplus$ ,  $\boxminus$ ).
- **S725**: Synchro-start switch (SYNCHRO START).
- **S726**: Tape-to-tape recording-speed switch (SPEED; X1, X2).
- **S727**: Reverse-mode select switch (REVERSE MODE).
- **S803**: DECK 2 Cassette holder open detection switch in "off" position.
- **S804**: DECK 2 Cassette holder close detection switch in "off" position.
- **S853**: DECK 1 Cassette holder open detection switch in "off" position.
- **S854**: DECK 1 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 (CrO<sub>2</sub>) switch in "off" position.
- **S973A**: DECK 2 ATS (CrO<sub>2</sub>) switch in "off" position.
- **S974**: DECK 1 Reverse rec. inhibit switch in "off" position.
- **S974A**: DECK 2 Reverse rec. inhibit switch in "off" position.
- **S975**: DECK 1 Forward rec. inhibit switch in "off" position.
- **S975A**: DECK 2 Forward rec. inhibit switch in "off" position.
- **S976**: DECK 1 ATS (Metal) switch in "off" position.
- **S976A**: DECK 2 ATS (Metal) switch in "off" position.

- Resistance are in ohms ( $\Omega$ ), 1/4 watt (W) unless specified otherwise. 1K=1.000 ( $\Omega$ ), 1M =1.000k ( $\Omega$ )
- Capacity are in micro-farads ( $\mu$ 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  $\Delta$  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).
- (  $\text{---} \rightarrow \text{---}$  ) indicates the flow of the playback signal.
- (  $\text{---} \Rightarrow \text{---}$  ) 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. |
|------------|---------------------|-----------------|
| IC302, 352 | BA4560FT1           | SVIBA4560FT1    |

※ marks indicate printed resistor.

### Caution!

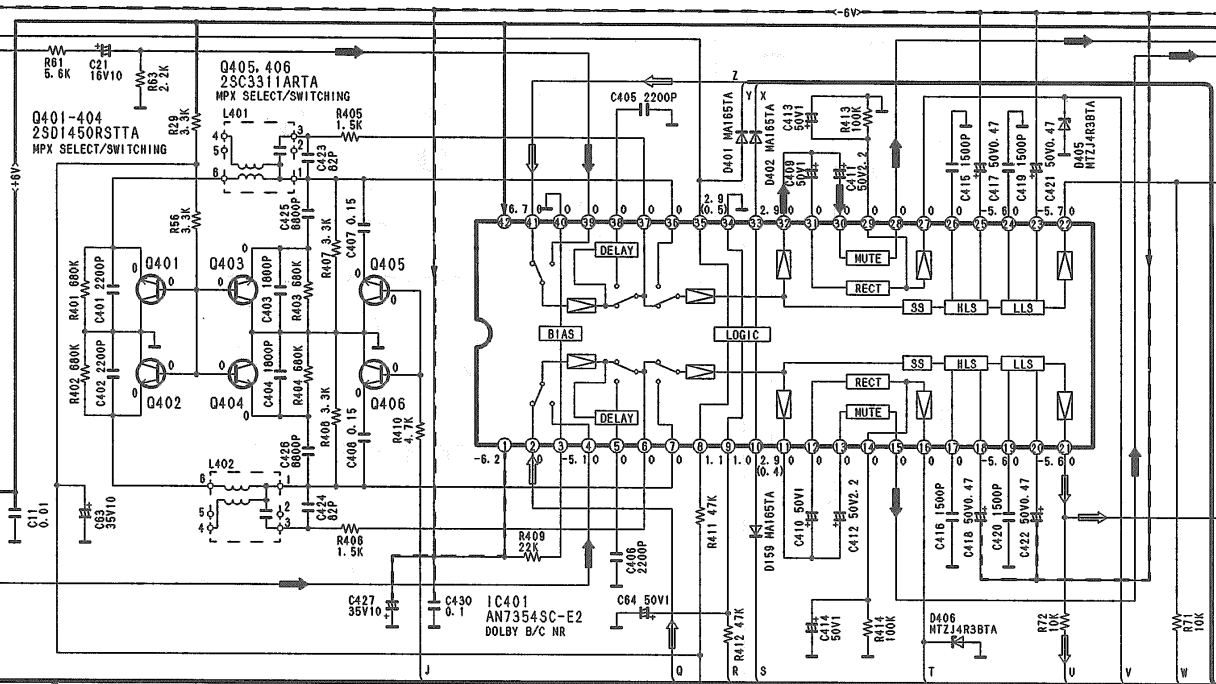
IC and LSI are sensitive to static electricity.

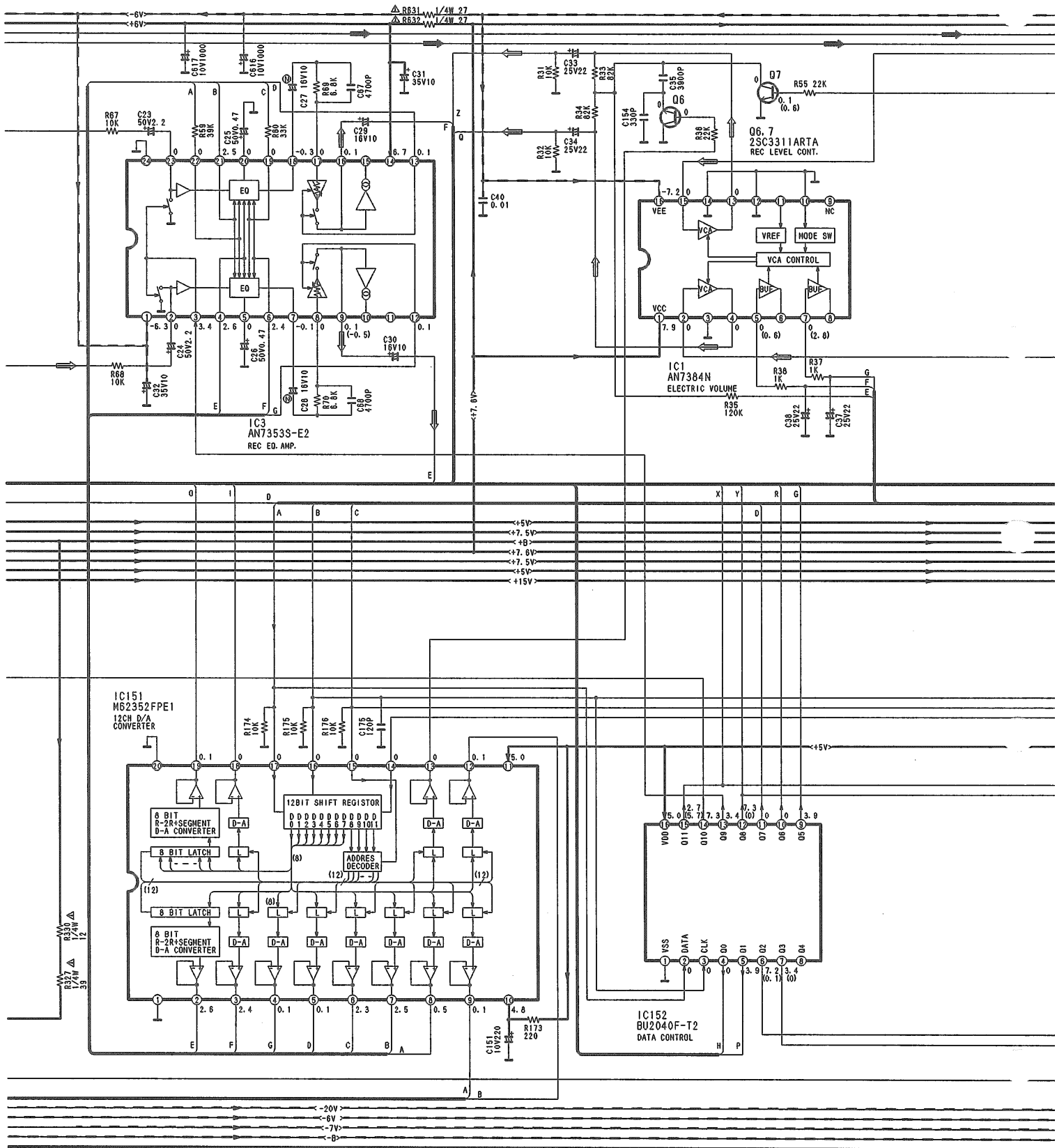
Secondary trouble can be prevented by taking care during repair.

- 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.

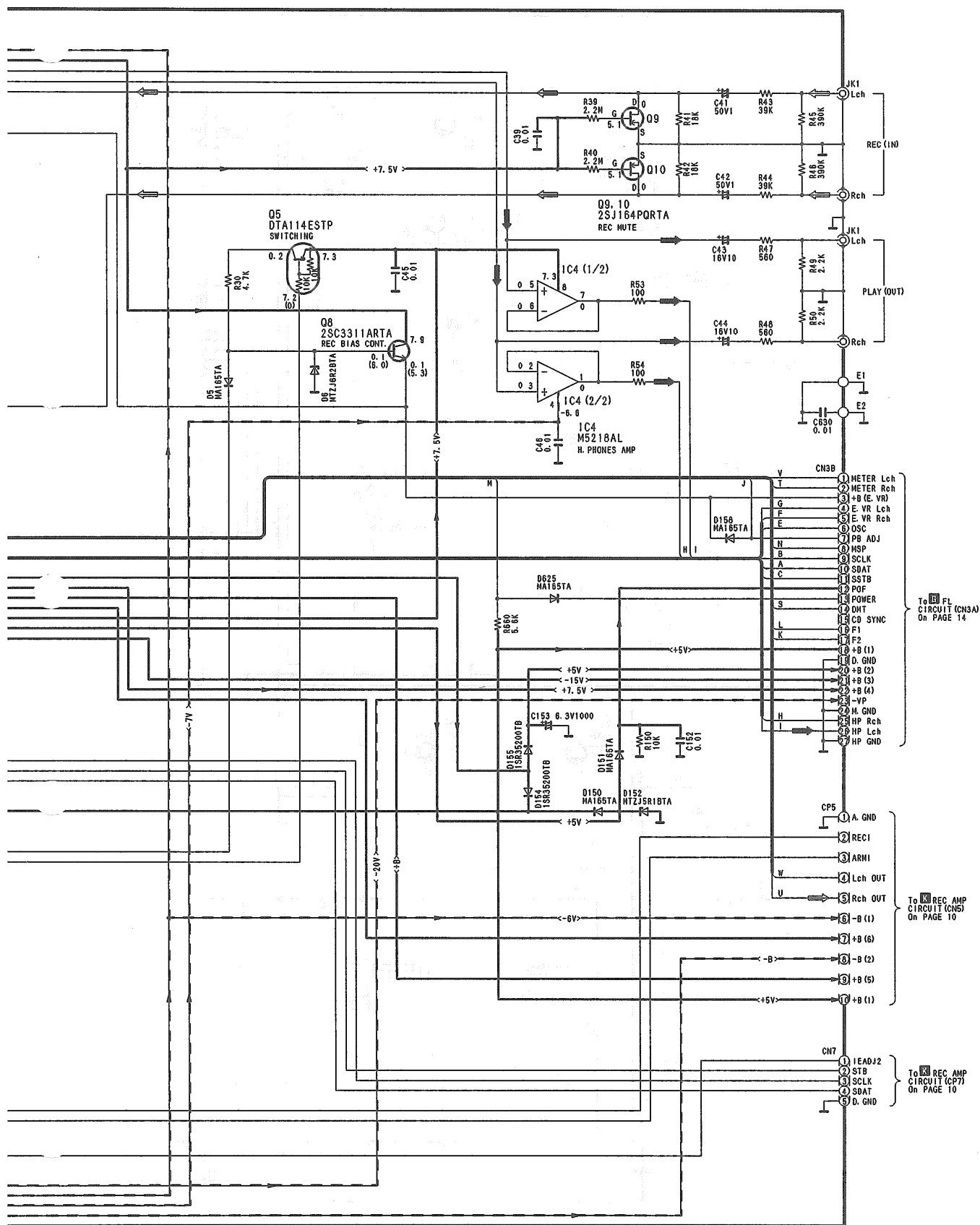


Notes:  : Playback signal line  
 : Recording signal line

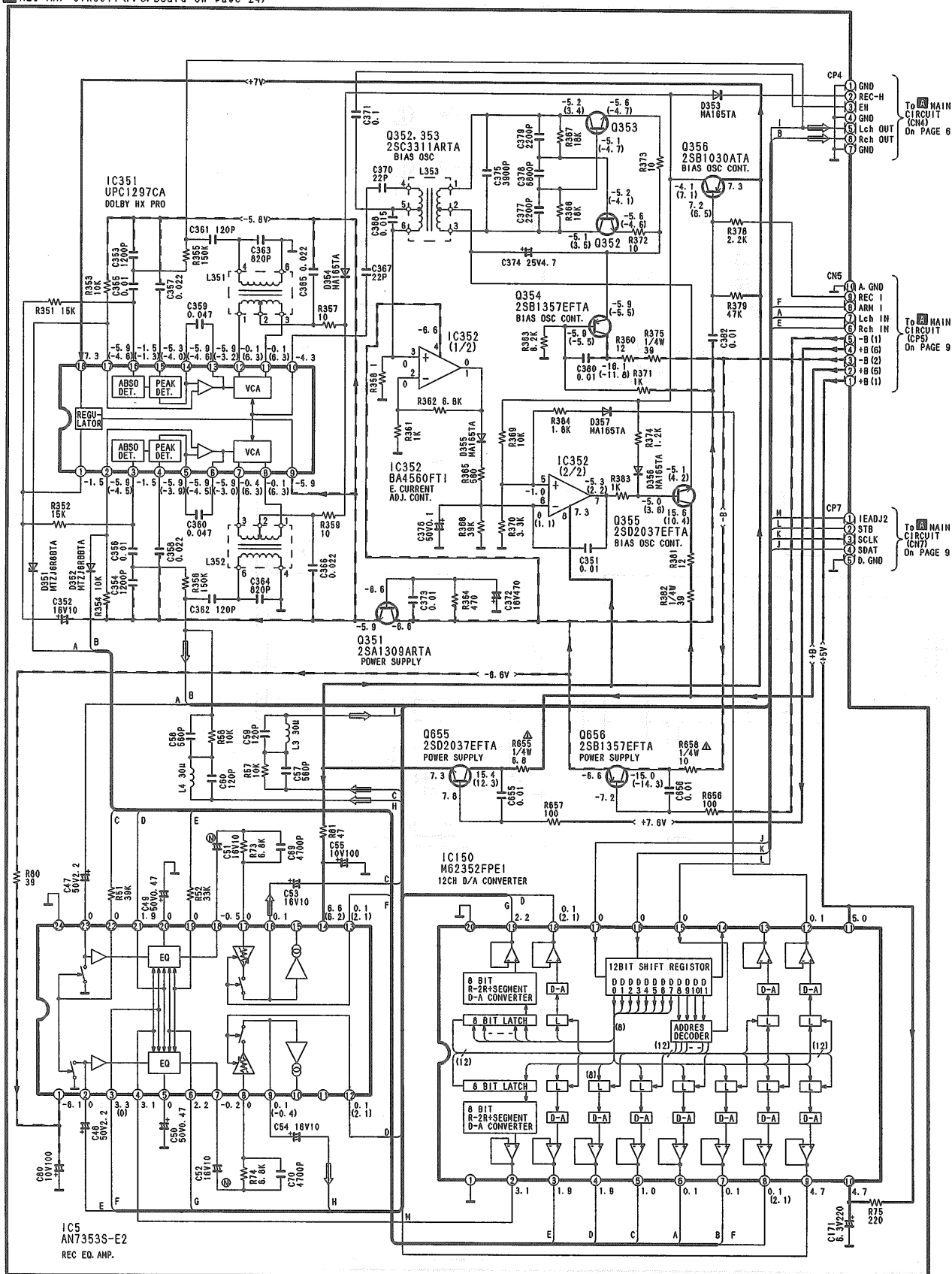


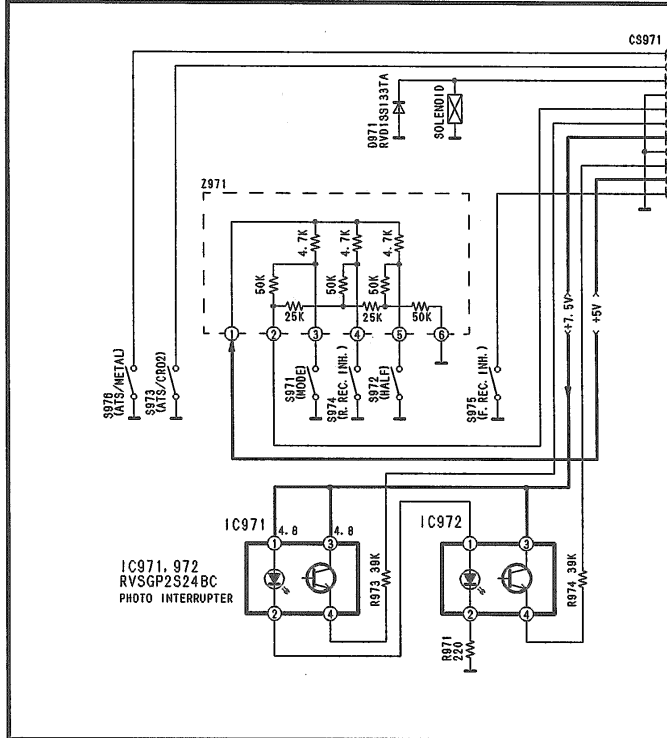
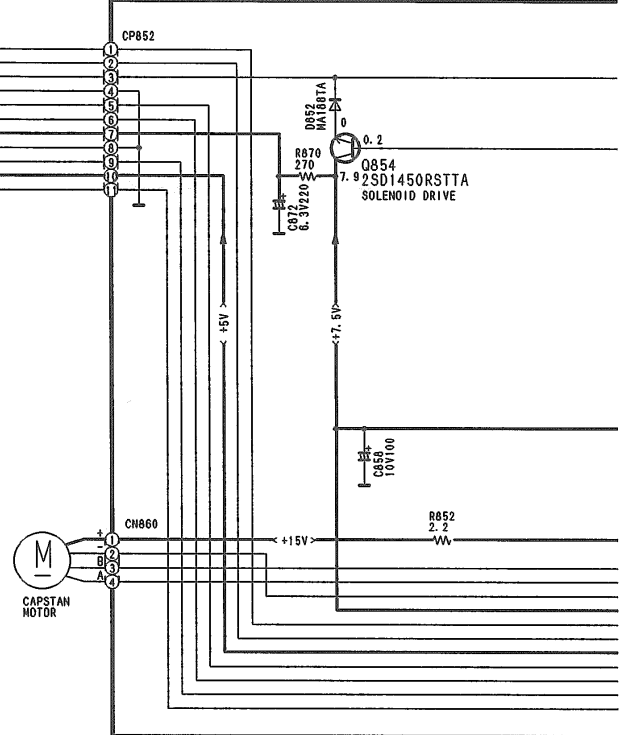
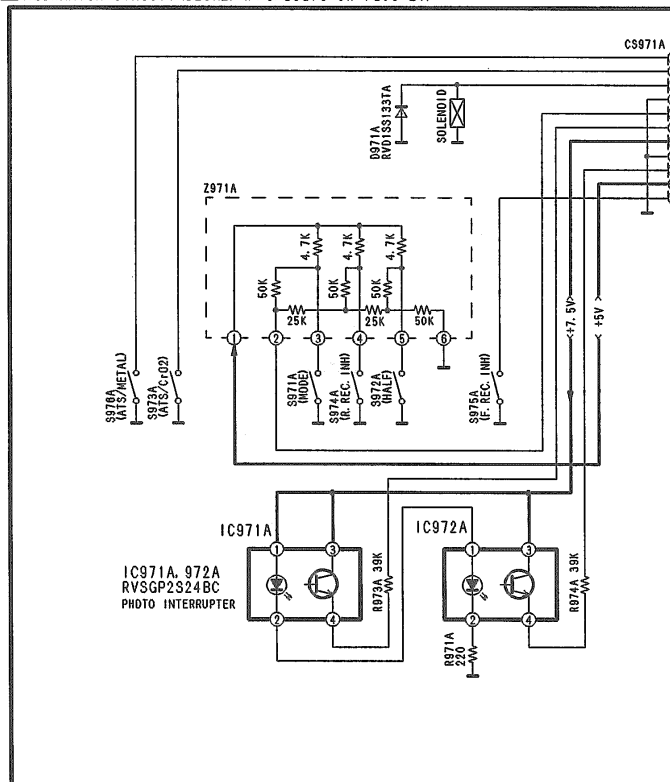
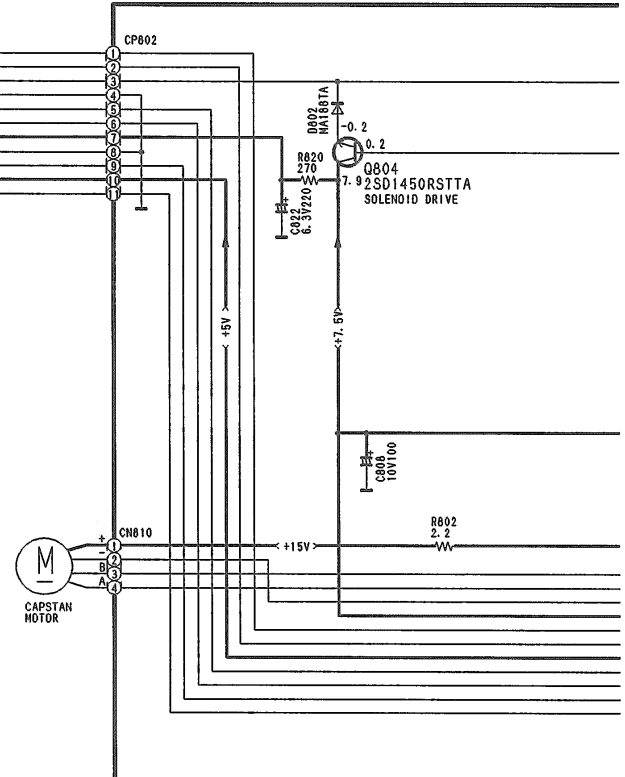


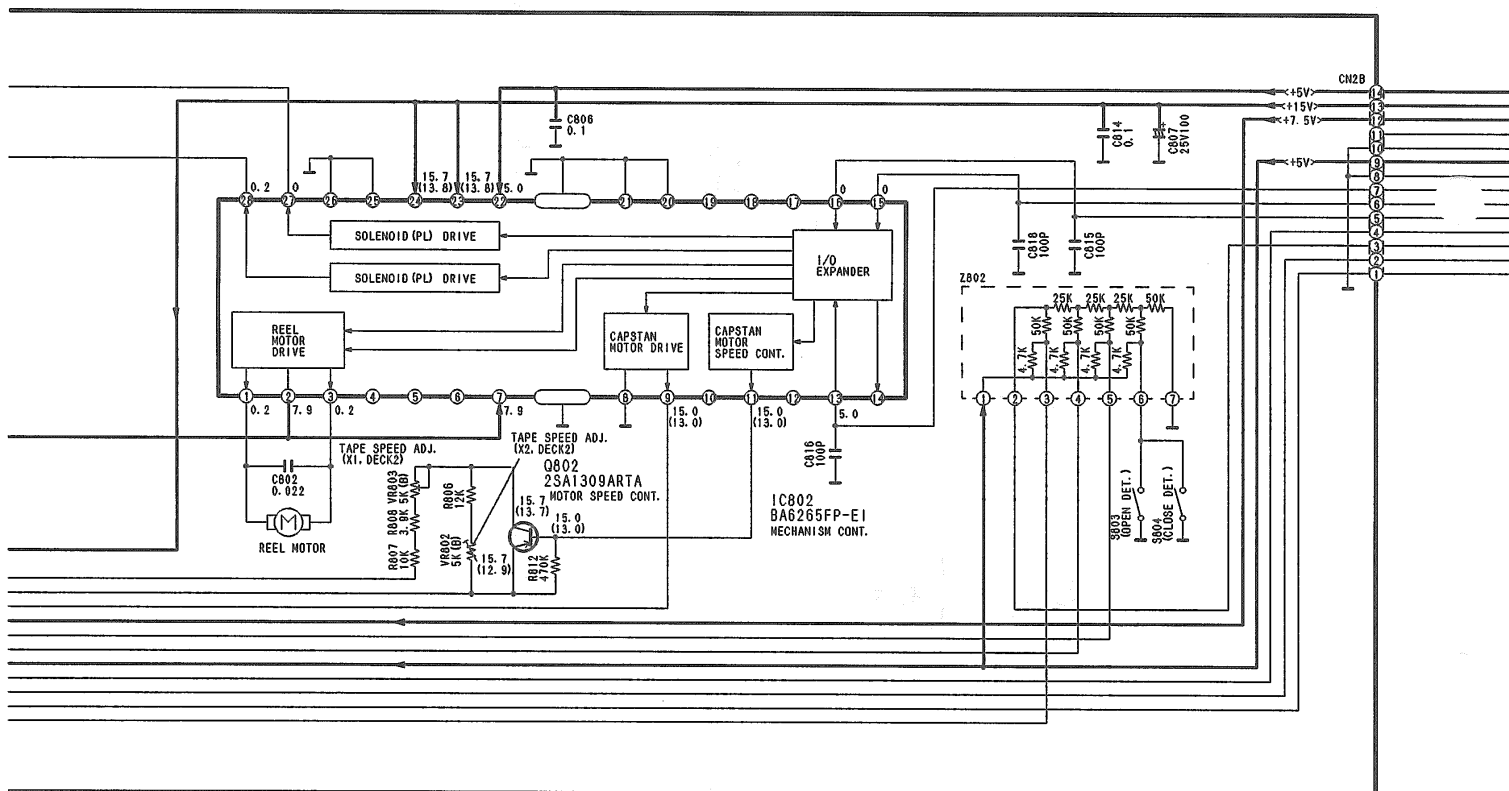
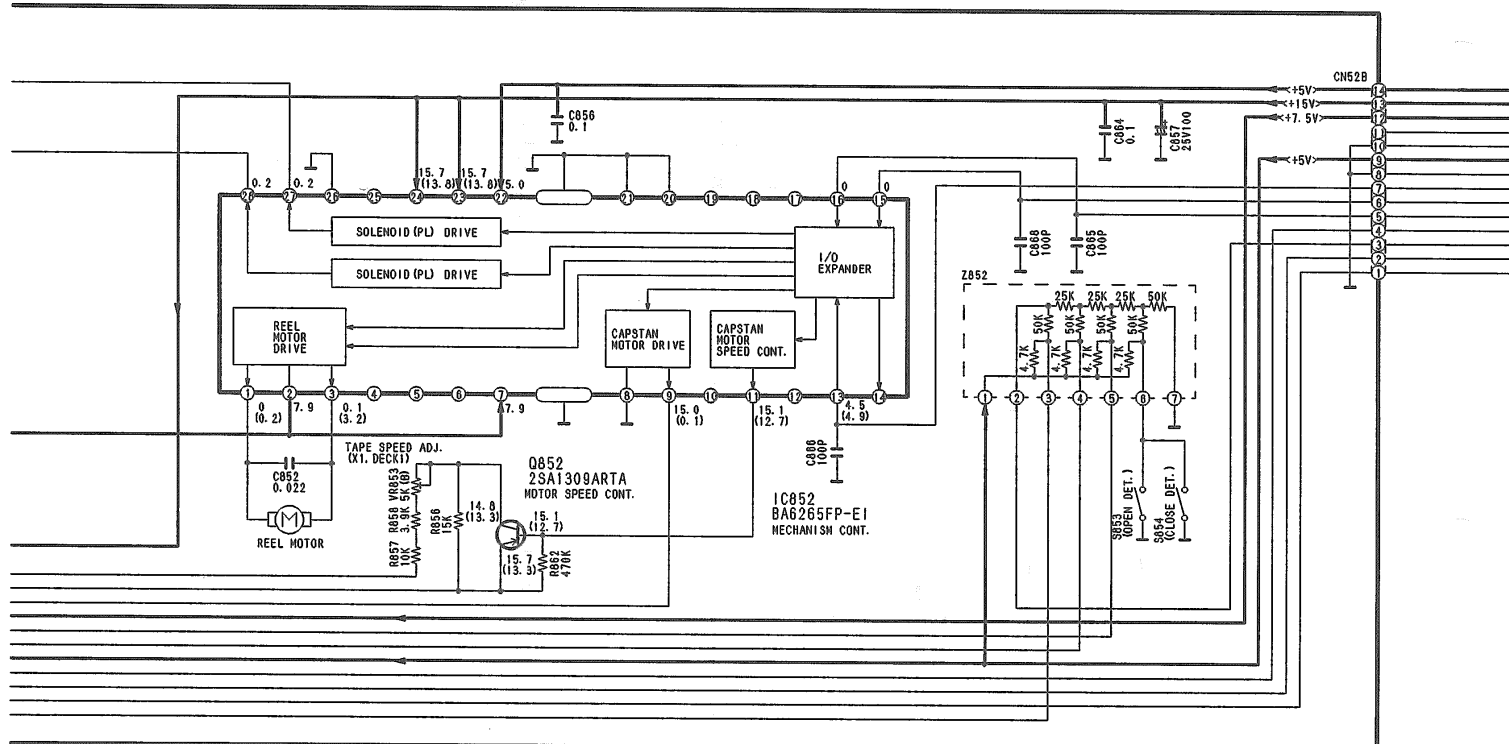
Notes:  : Playback signal line  
 : Recording signal line



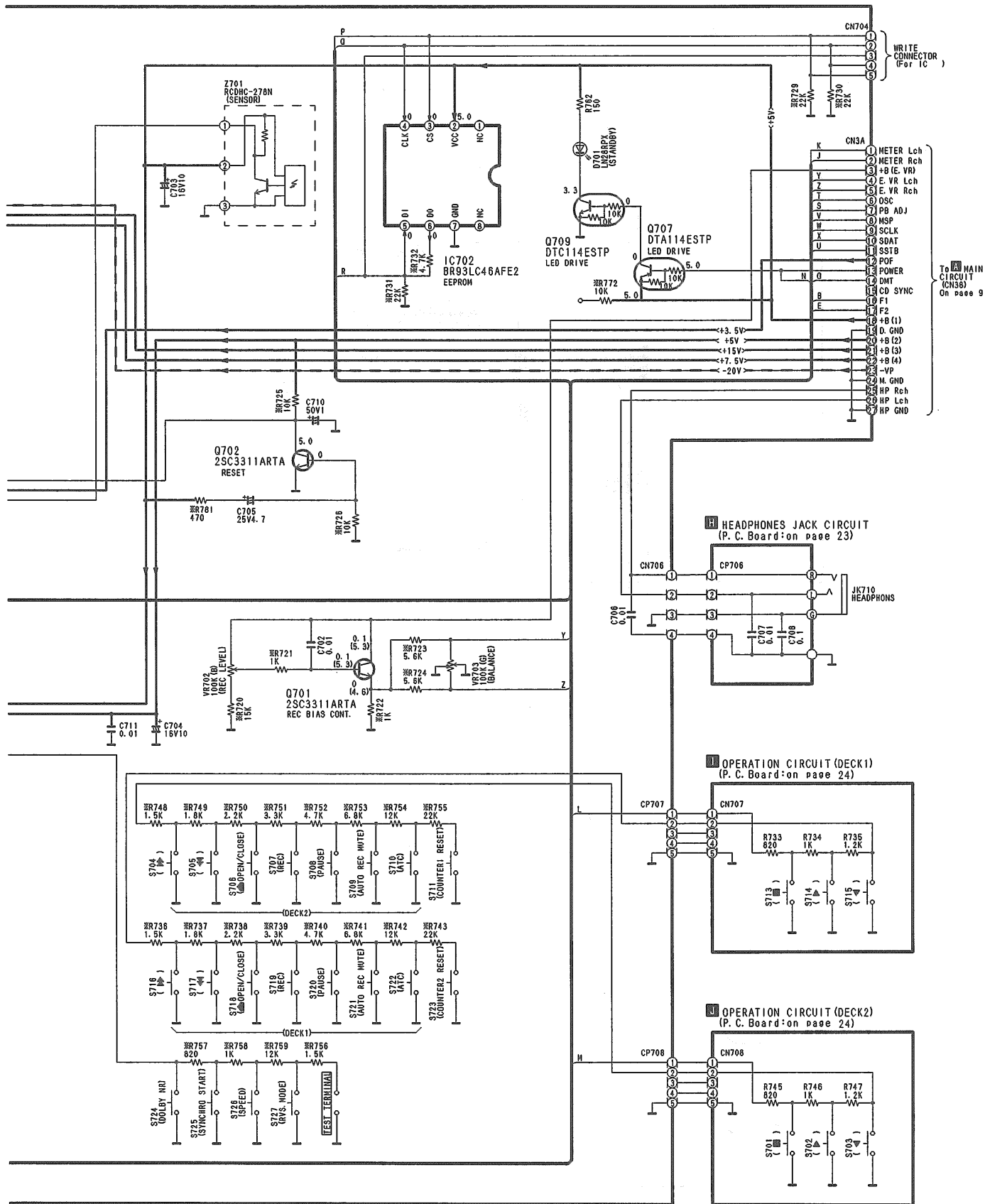
REC AMP CIRCUIT (P. C. Board: on page 24)



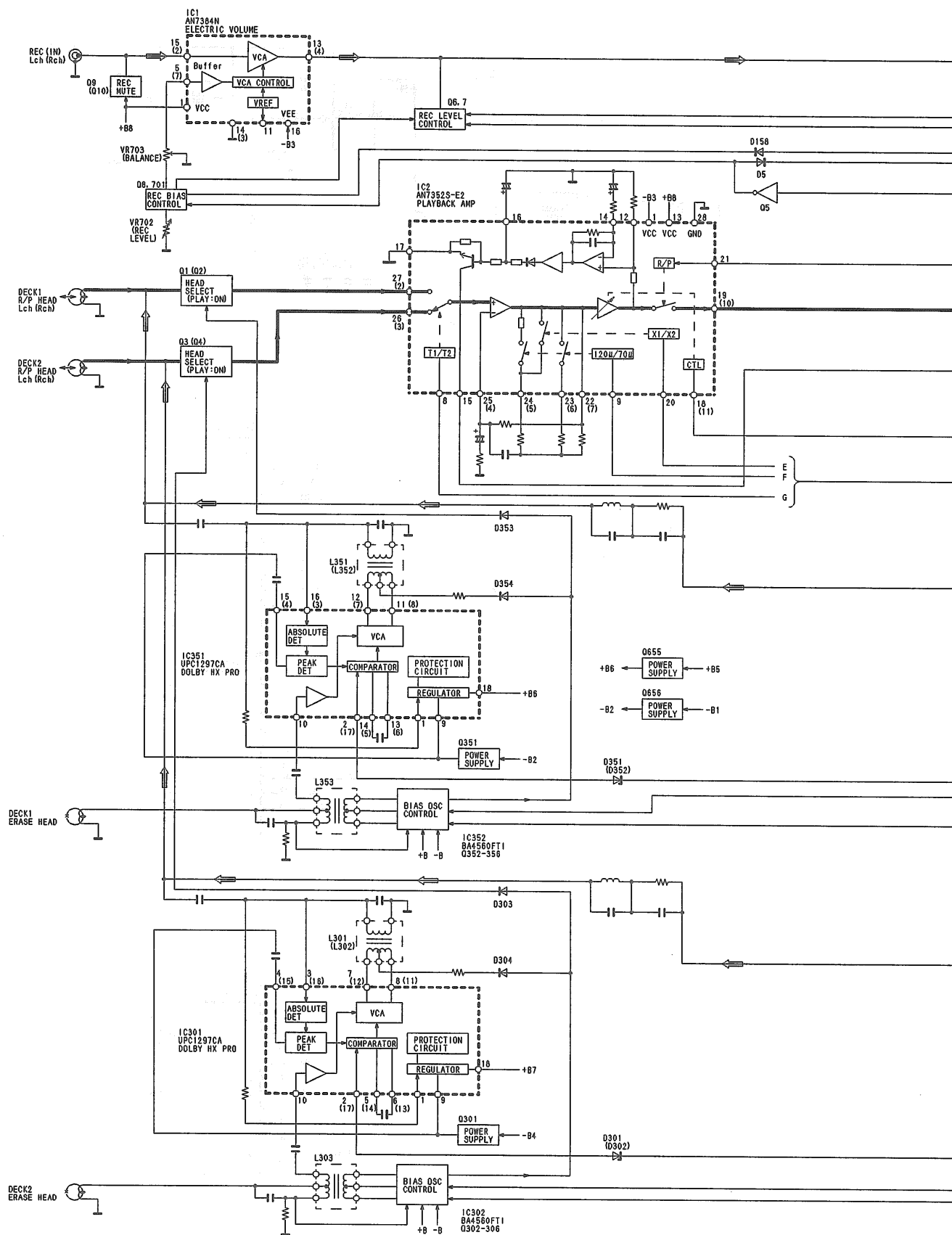
Note:  : Recording signal line**E** MECHANISM CIRCUIT (DECK1) (P. C. Board on page 22)**B** MOTOR CIRCUIT (DECK1) (P. C. Board on page 20)**F** MECHANISM CIRCUIT (DECK2) (P. C. Board on page 21)**G** MOTOR CIRCUIT (DECK2) (P. C. Board on page 20)

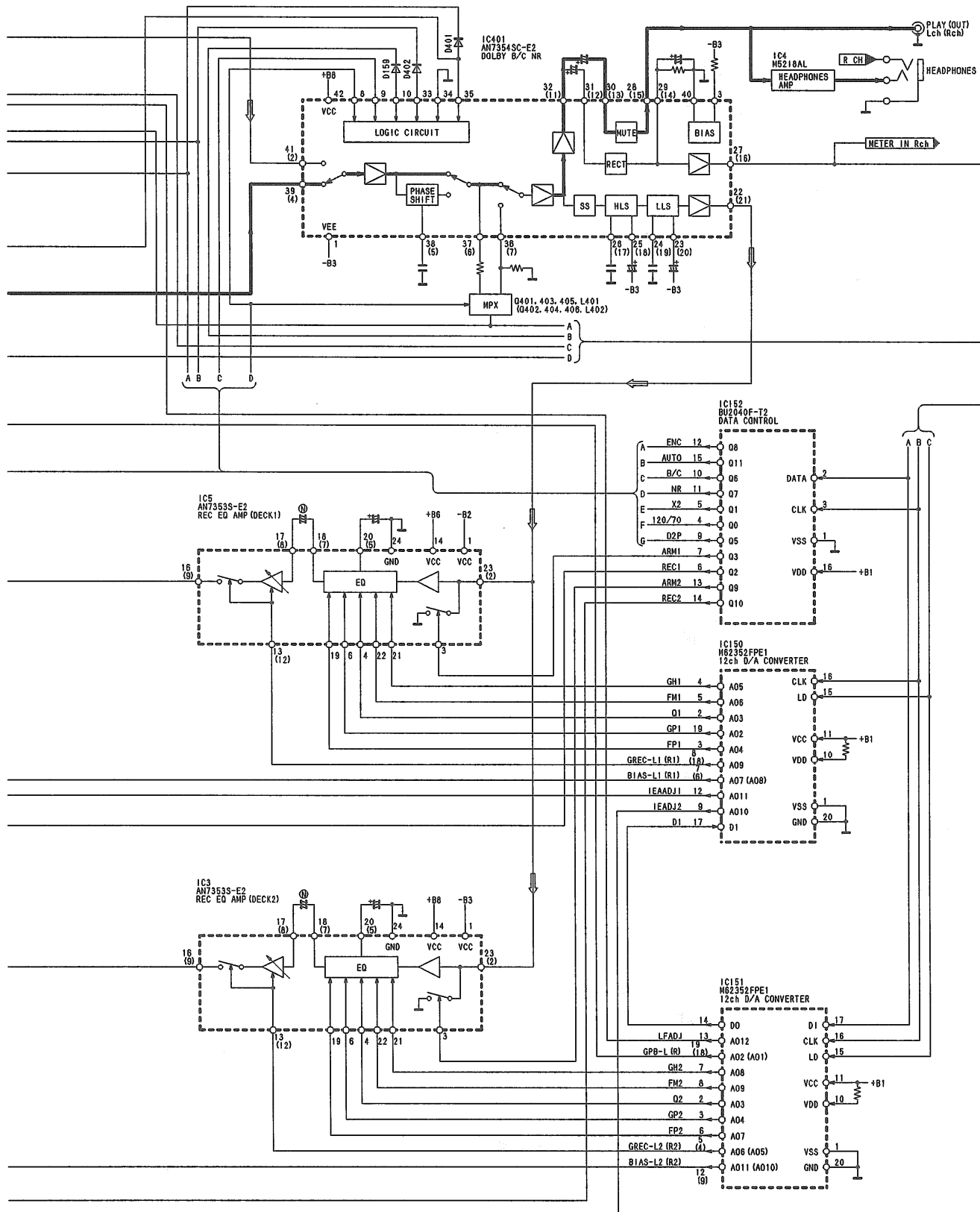


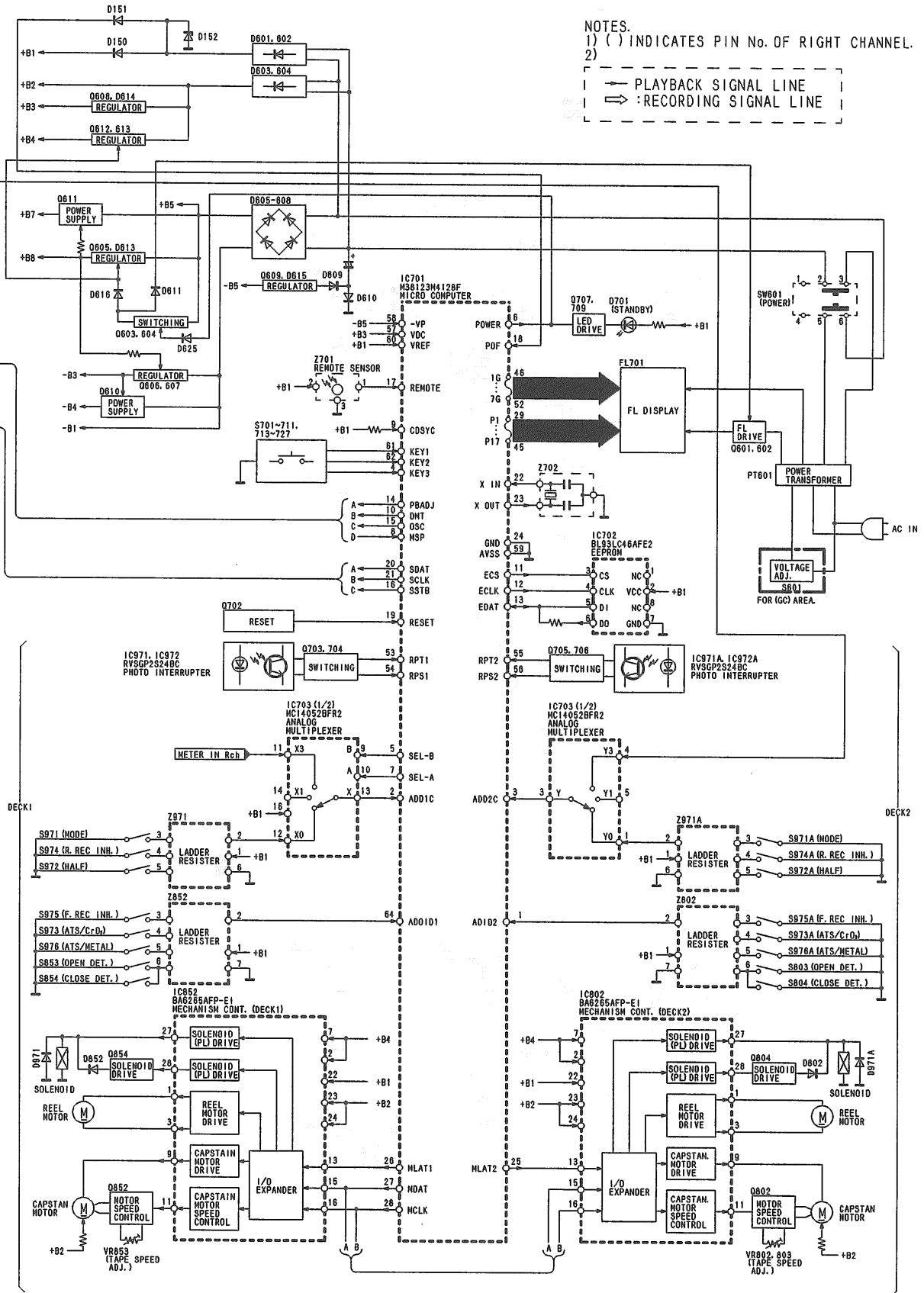




# Block Diagram

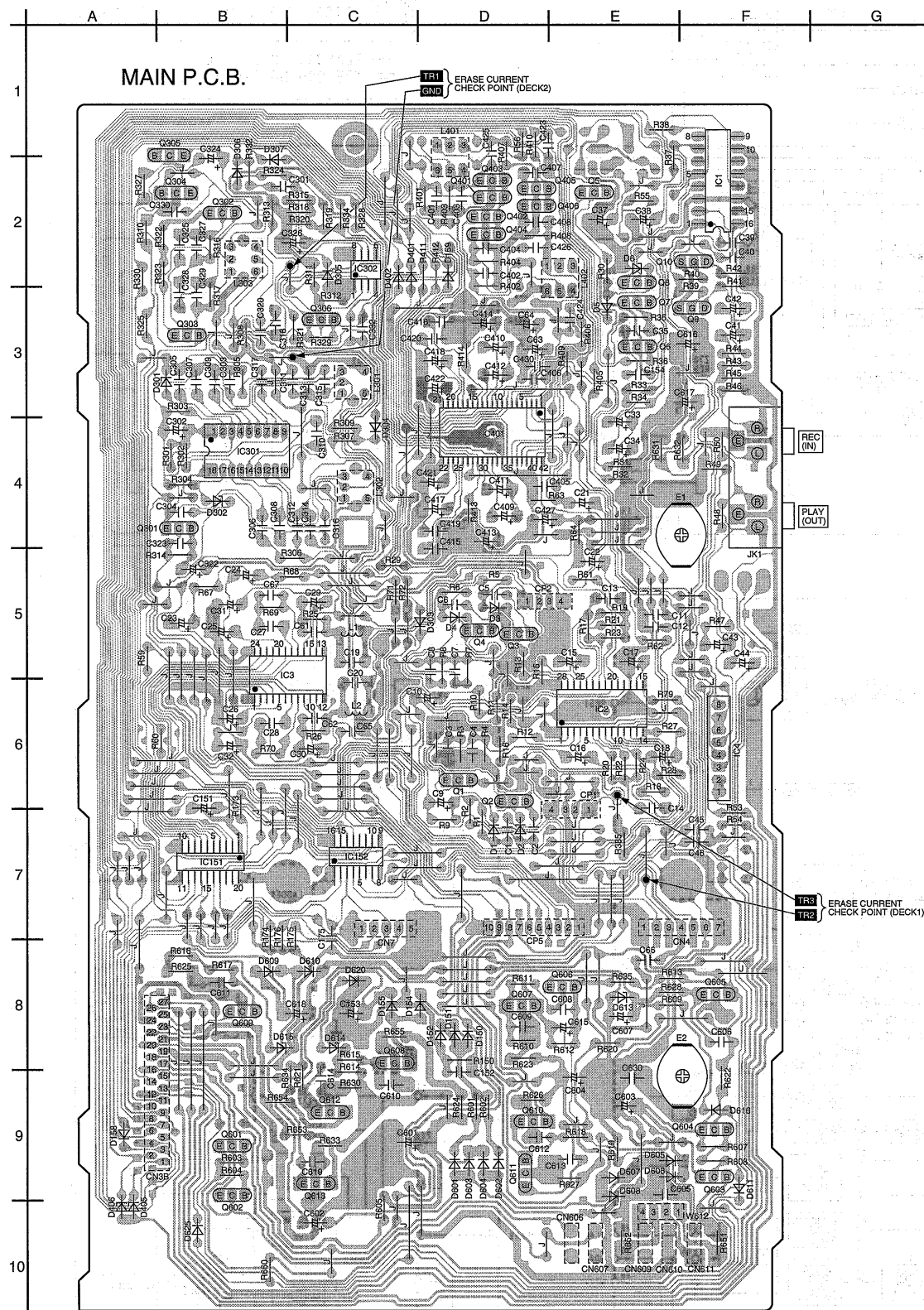






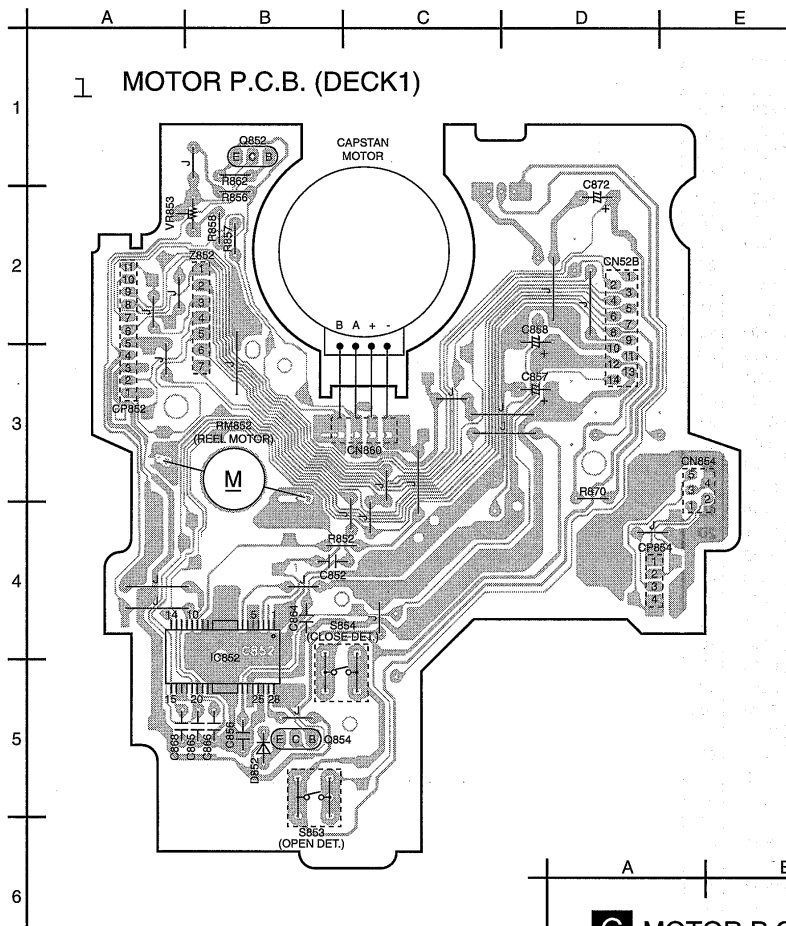
# Printed Circuit Board Diagram

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



# Electrical Parts Location

| MAIN P.C.B. |    |       |     |      |    |      |     |      |    |      |     |
|-------------|----|-------|-----|------|----|------|-----|------|----|------|-----|
| IC301       | 4B | D406  | 10A | C32  | 6B | C358 | 3D  | R29  | 5C | R324 | 2B  |
| IC302       | 4D | D601  | 9D  | C62  | 6C | C359 | 4D  | R30  | 2E | R325 | 3A  |
| IC303       | 5D | D602  | 9D  | C63  | 3D | C360 | 3F  | R31  | 4E | R327 | 2A  |
| IC304       | 7B | D603  | 9D  | C64  | 3D | C361 | 3D  | R32  | 4E | R328 | 2C  |
| IC305       | 7C | D604  | 9D  | C65  | 6C | C362 | 4D  | R33  | 3E | R329 | 3C  |
| IC306       | 6E | D605  | 9E  | C66  | 8E | C363 | 3D  | R34  | 3E | R330 | 2A  |
| IC307       | 6F | D606  | 9E  | C67  | 5B | C364 | 1D  | R35  | 3E | R332 | 2B  |
| IC308       | 2F | D607  | 9E  | C151 | 6B | C365 | 3E  | R36  | 3E | R334 | 2C  |
| IC309       | 2C | D608  | 9E  | C152 | 9D | C366 | 1D  | R37  | 1E | R385 | 7E  |
| Q1          | 6D | D609  | 8B  | C153 | 9C | C367 | 2D  | R38  | 1E | R401 | 2D  |
| Q2          | 6D | D610  | 8C  | C154 | 3E | C368 | 4D  | R39  | 2F | R402 | 2D  |
| Q3          | 5D | D611  | 9F  | C175 | 7C | C369 | 5F  | R40  | 2F | R403 | 2D  |
| Q4          | 5D | D613  | 8E  | C301 | 2B | C370 | 3D  | R41  | 2F | R404 | 2D  |
| Q5          | 2E | D614  | 8C  | C302 | 4B | C371 | 5F  | R42  | 2F | R405 | 3E  |
| Q6          | 3E | D615  | 8B  | C303 | 3B | C372 | 7F  | R43  | 3F | R406 | 3E  |
| Q7          | 3E | D618  | 9F  | C304 | 4B | C373 | 7F  | R44  | 3F | R407 | 1D  |
| Q8          | 2E | D620  | 8C  | C305 | 3B | C374 | 5D  | R45  | 3F | R408 | 2D  |
| Q9          | 3F | D625  | 10B | C306 | 4B | C375 | 5D  | R46  | 3F | R409 | 3E  |
| Q10         | 2F | L1    | 5C  | C307 | 3B | C376 | 9C  | R47  | 5F | R410 | 1D  |
| Q301        | 4B | L2    | 6C  | C308 | 4B | C377 | 10C | R48  | 4F | R411 | 2D  |
| Q302        | 2B | L301  | 3C  | C309 | 3B | C378 | 9E  | R49  | 4F | R412 | 2D  |
| Q303        | 3B | L302  | 4C  | C310 | 4C | C379 | 9E  | R50  | 4F | R413 | 4D  |
| Q304        | 2B | L303  | 2B  | C311 | 3C | C380 | 9E  | R53  | 7F | R414 | 3D  |
| Q305        | 1B | L401  | 1D  | C312 | 4C | C381 | 8F  | R54  | 7F | R601 | 9D  |
| Q306        | 3C | L402  | 2E  | C313 | 3C | C382 | 8E  | R55  | 2E | R602 | 9D  |
| Q401        | 2D | CN4   | 7F  | C314 | 4C | C383 | 8E  | R56  | 1D | R603 | 9B  |
| Q402        | 2D | CN7   | 7C  | C315 | 3C | C384 | 8D  | R59  | 5A | R604 | 9B  |
| Q403        | 2D | CN606 | 10E | C316 | 4C | C385 | 5C  | R60  | 6B | R605 | 10C |
| Q404        | 2D | CN607 | 10E | C317 | 3B | C610 | 9C  | R61  | 5E | R607 | 9F  |
| Q405        | 2D | CN609 | 10E | C318 | 3B | C611 | 8B  | R62  | 5E | R608 | 9F  |
| Q407        | 2D | CN610 | 10E | C320 | 3B | C612 | 9D  | R63  | 4D | R609 | 8E  |
| Q601        | 9B | CN611 | 10F | C322 | 5B | C613 | 9E  | R64  | 4E | R610 | 8D  |
| Q602        | 9B | CN3B  | 9B  | C323 | 4B | C614 | 9C  | R67  | 5B | R611 | 8D  |
| Q603        | 9F | CP2   | 5D  | C324 | 2B | C615 | 8E  | R68  | 5C | R612 | 8E  |
| Q604        | 9F | CP5   | 7D  | C325 | 2B | C616 | 3F  | R69  | 5B | R613 | 8E  |
| Q605        | 8F | JK1   | 4F  | C326 | 2C | C617 | 3F  | R70  | 6B | R614 | 9C  |
| Q606        | 8E | E1    | 4F  | C327 | 2B | C618 | 8C  | R71  | 5C | R615 | 8C  |
| Q607        | 8D | E2    | 8F  | C328 | 3B | C619 | 9C  | R72  | 5C | R616 | 8B  |
| Q608        | 8C | W612  | 10E | C329 | 3B | C630 | 9E  | R79  | 6E | R617 | 8B  |
| Q609        | 8B | C1    | 7D  | C330 | 4E | R1   | 7D  | R150 | 8D | R618 | 9E  |
| Q610        | 9D | C2    | 7D  | C331 | 2B | R2   | 6D  | R173 | 6B | R619 | 9E  |
| Q611        | 9D | C3    | 6D  | C332 | 3C | R3   | 6D  | R174 | 7B | R620 | 8E  |
| Q612        | 9C | C7    | 5D  | C333 | 4E | R4   | 6D  | R175 | 7C | R621 | 9C  |
| Q613        | 9C | C8    | 5D  | C334 | 3E | R5   | 5D  | R176 | 7B | R622 | 9F  |
| D1          | 7D | C9    | 6D  | C335 | 2E | R6   | 5D  | R301 | 4B | R623 | 8D  |
| D2          | 7D | C10   | 6D  | C336 | 2E | R7   | 5D  | R302 | 4B | R624 | 9D  |
| D3          | 5D | C11   | 5E  | C337 | 2F | R8   | 5D  | R303 | 3B | R625 | 8B  |
| D4          | 5D | C12   | 5E  | C338 | 6D | R9   | 7D  | R304 | 4B | R626 | 9D  |
| D5          | 3E | C13   | 5E  | C339 | 2F | R10  | 6D  | R305 | 3B | R627 | 9E  |
| D6          | 2E | C14   | 6E  | C340 | 2D | R11  | 6D  | R306 | 5C | R628 | 8E  |
| D150        | 8D | C15   | 5E  | C341 | 2D | R12  | 6D  | R307 | 4C | R630 | 9C  |
| D151        | 8D | C16   | 6E  | C342 | 2D | R13  | 5D  | R308 | 3B | R631 | 4E  |
| D152        | 8D | C17   | 5E  | C343 | 2D | R14  | 6D  | R309 | 4C | R632 | 4F  |
| D154        | 8D | C18   | 6E  | C344 | 4D | R15  | 5D  | R310 | 2A | R633 | 9C  |
| D155        | 8C | C19   | 5C  | C345 | 3D | R16  | 6D  | R311 | 2C | R634 | 9C  |
| D158        | 9A | C20   | 6C  | C346 | 2D | R17  | 5E  | R312 | 3C | R635 | 8E  |
| D159        | 2D | C21   | 4E  | C347 | 2D | R18  | 6E  | R313 | 2B | R651 | 10F |
| D301        | 3B | C22   | 5E  | C348 | 4D | R19  | 5E  | R314 | 5B | R652 | 10E |
| D302        | 4B | C23   | 5B  | C349 | 3F | R20  | 6E  | R315 | 2C | R653 | 9C  |
| D303        | 5D | C24   | 5B  | C350 | 3D | R21  | 5E  | R316 | 2B | R654 | 9B  |
| D304        | 4C | C25   | 5B  | C351 | 4D | R22  | 6E  | R317 | 3B | R655 | 8C  |
| D305        | 2C | C26   | 6B  | C352 | 3D | R23  | 5E  | R318 | 2C | R660 | 10B |
| D306        | 2B | C27   | 5B  | C353 | 4D | R24  | 6E  | R319 | 2C |      |     |
| D307        | 2B | C28   | 6B  | C354 | 3D | R25  | 5C  | R320 | 2C |      |     |
| D401        | 2C | C29   | 5C  | C355 | 5D | R26  | 6C  | R321 |    |      |     |

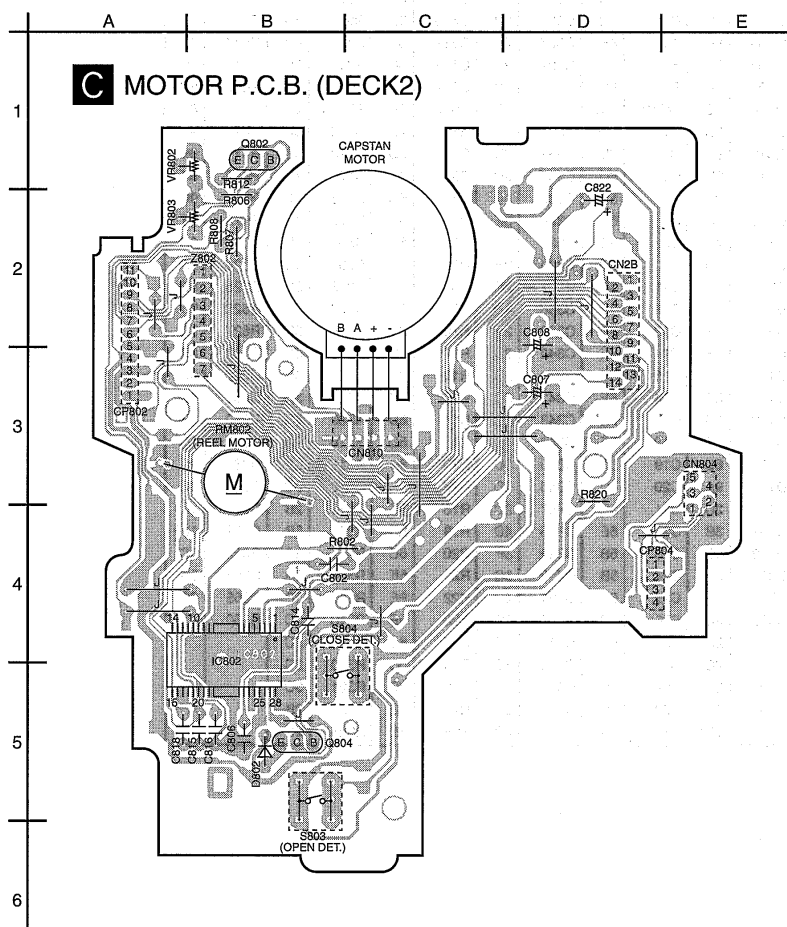


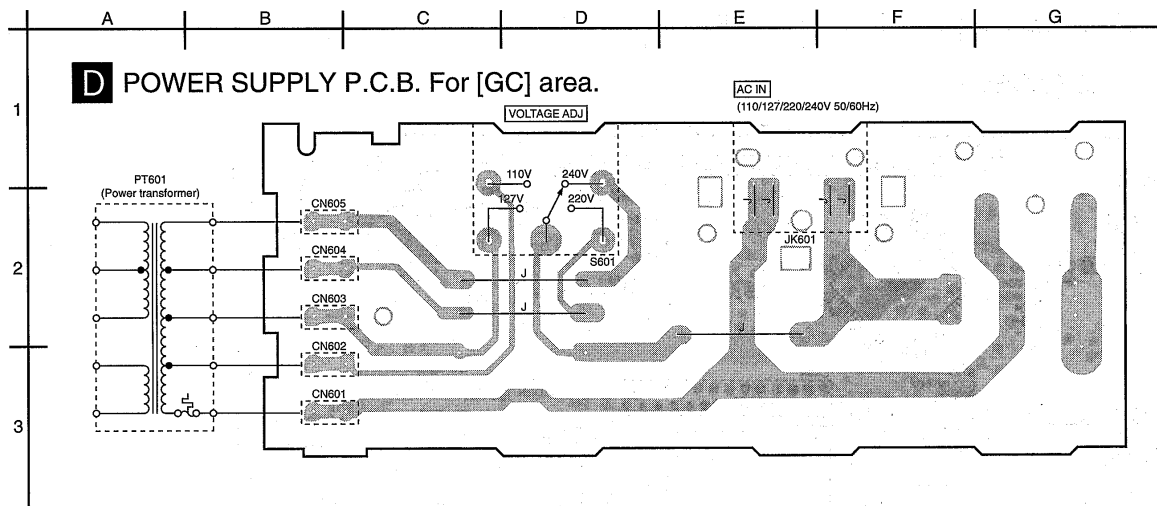
## Electrical Parts Location

| MOTOR P.C.B.<br>(DECK 1) |    |      |    |
|--------------------------|----|------|----|
| IC852                    | 4B | C856 | 5B |
| Q852                     | 1B | C857 | 3D |
| Q854                     | 5B | C858 | 2D |
| D852                     | 5B | C864 | 4B |
| CP852                    | 3A | C865 | 5B |
| CP854                    | 4D | C866 | 5B |
| CN52B                    | 2D | C868 | 5A |
| CN854                    | 3E | C872 | 2D |
| CN860                    | 3C | R852 | 4B |
| RM852                    | 3B | R856 | 2B |
| S853                     | 5B | R857 | 2B |
| S854                     | 5C | R858 | 2B |
| VR853                    | 2B | R862 | 1B |
| Z852                     | 2B | R870 | 4D |
| C852                     | 4B |      |    |

## Electrical Parts Location

| MOTOR P.C.B.<br>(DECK 2) |    |      |    |
|--------------------------|----|------|----|
| IC802                    | 4B | C802 | 4B |
| D802                     | 5B | C806 | 5B |
| Q802                     | 1B | C807 | 2D |
| Q804                     | 5B | C808 | 2D |
| CP802                    | 3A | C814 | 4B |
| CP804                    | 4D | C815 | 5A |
| CN2B                     | 2D | C816 | 4B |
| CN804                    | 3E | C818 | 5A |
| CN810                    | 3C | C822 | 2D |
| RM802                    | 3B | R802 | 4B |
| S803                     | 5B | R806 | 1B |
| S804                     | 4B | R807 | 2B |
| VR802                    | 1A | R808 | 2B |
| VR803                    | 2A | R812 | 1B |
| Z802                     | 2B | R820 | 3D |



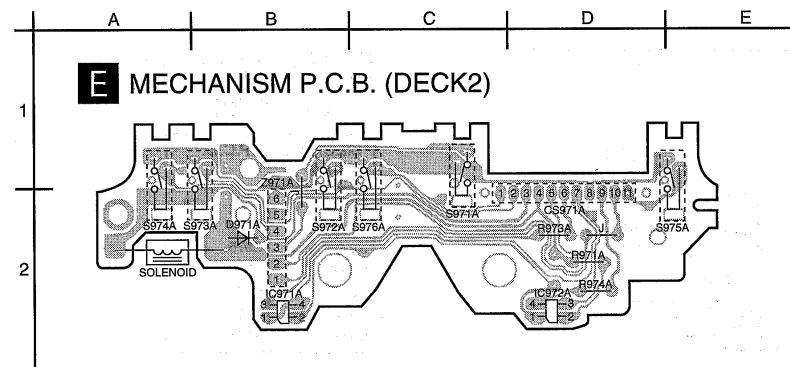
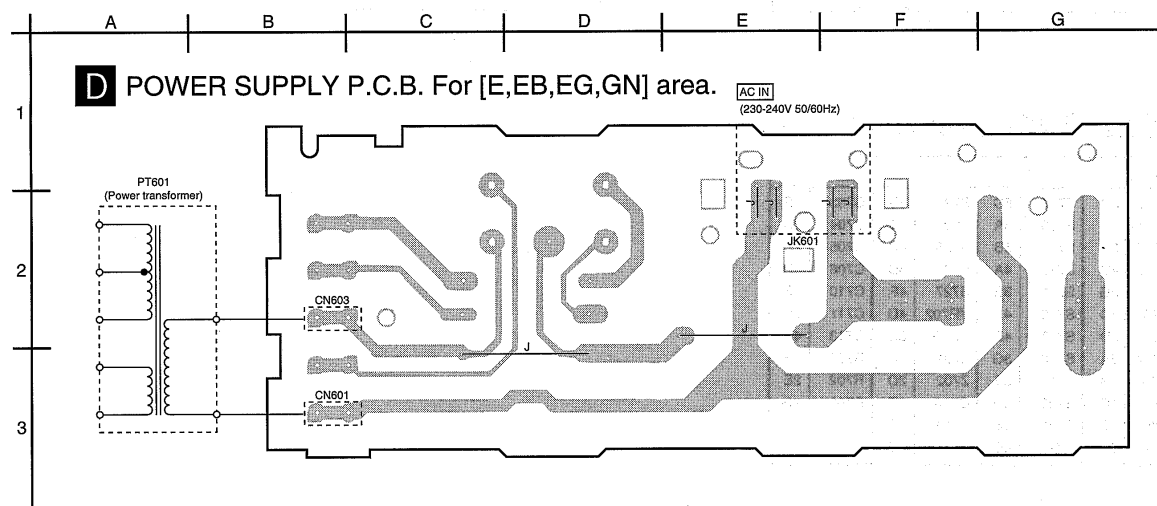


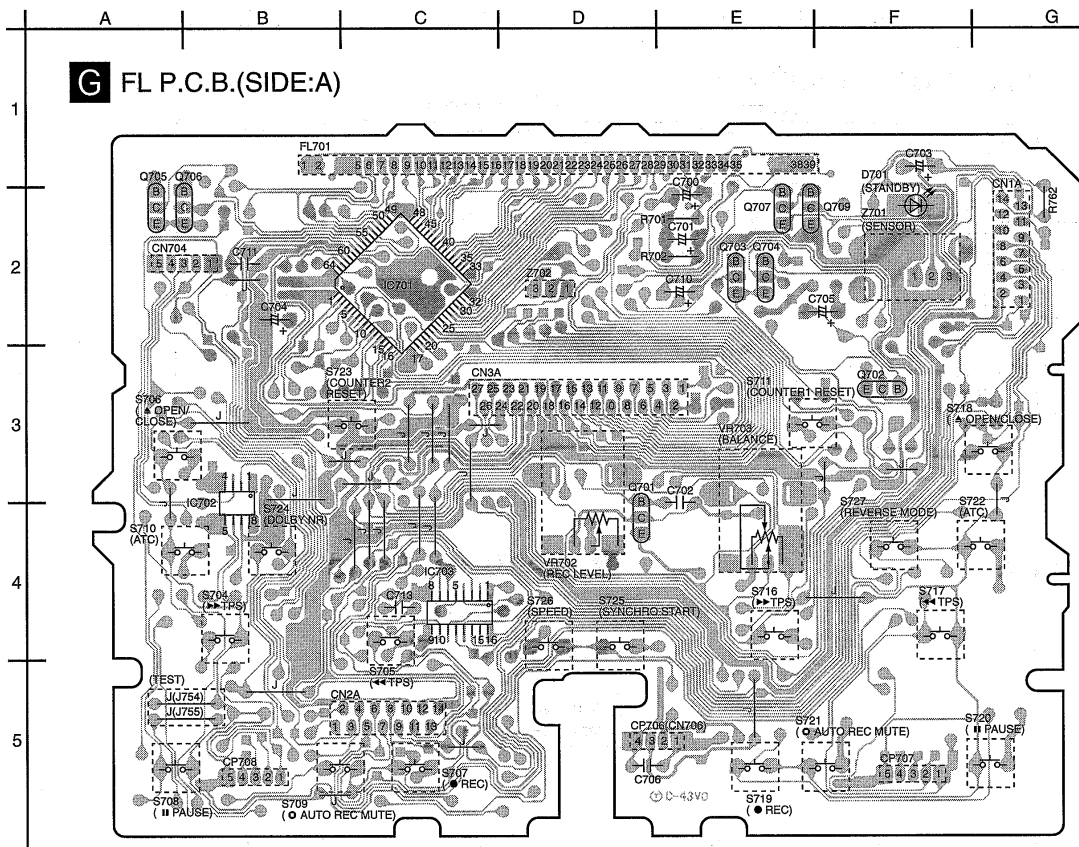
### Electrical Parts Location

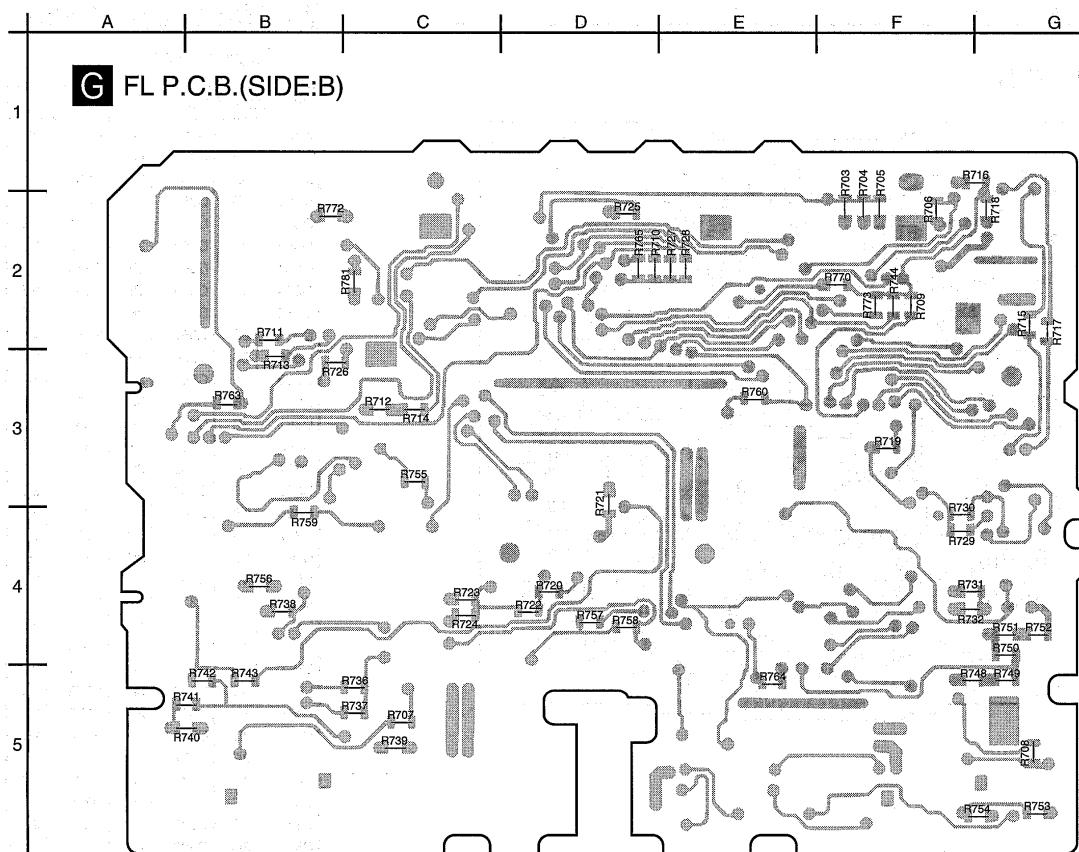
| POWER SUPPLY P.C.B.<br>For [GC] area |    |       |    |
|--------------------------------------|----|-------|----|
| PT601                                | 2A | CN602 | 3B |
| S601                                 | 2D | CN603 | 2B |
| JK601                                | 2E | CN604 | 2B |
| CN601                                | 3B | CN605 | 2B |

### Electrical Parts Location

| POWER SUPPLY P.C.B.<br>For [E, EB, EG, GN] area |    |       |    |
|-------------------------------------------------|----|-------|----|
| PT601                                           | 2A | CN601 | 3B |
| JK601                                           | 2E | CN603 | 2B |



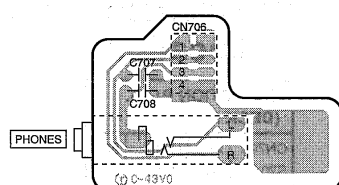
**G** FL P.C.B.(SIDE:A)



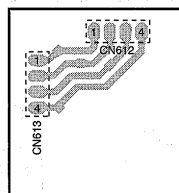
## Electrical Parts Location

| FL P.C.B. (SIDE: B) |    |      |    |      |    |      |    |
|---------------------|----|------|----|------|----|------|----|
| R703                | 2F | R718 | 2G | R736 | 5C | R754 | 5G |
| R704                | 2F | R719 | 3F | R737 | 5C | R755 | 3C |
| R705                | 2F | R720 | 4D | R738 | 4B | R756 | 4B |
| R706                | 2F | R721 | 3D | R739 | 5C | R757 | 4D |
| R707                | 5C | R722 | 4D | R740 | 5A | R758 | 4D |
| R708                | 5G | R723 | 4C | R741 | 5A | R759 | 4B |
| R709                | 2F | R724 | 4C | R742 | 5B | R760 | 3E |
| R710                | 2D | R725 | 2D | R743 | 5B | R763 | 3B |
| R711                | 2B | R726 | 3B | R744 | 2F | R764 | 5E |
| R712                | 3C | R727 | 2E | R748 | 5F | R765 | 2D |
| R713                | 3B | R728 | 2E | R749 | 5G | R770 | 2F |
| R714                | 3C | R729 | 4F | R750 | 4G | R772 | 2B |
| R715                | 2G | R730 | 4F | R751 | 4G | R773 | 2F |
| R716                | 1F | R731 | 4F | R752 | 4G | R781 | 2C |
| R717                | 2G | R732 | 4F | R753 | 5G |      |    |

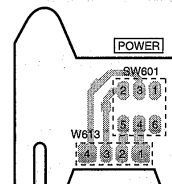
## H HEADPHONES JACK P.C.B.

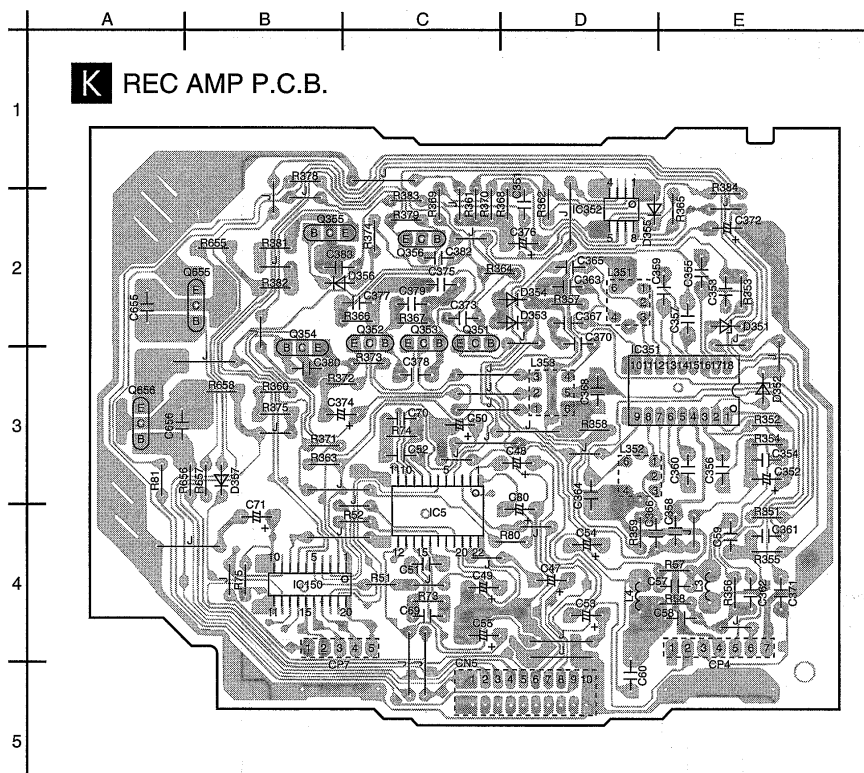


## M CONNECTION P.C.B.



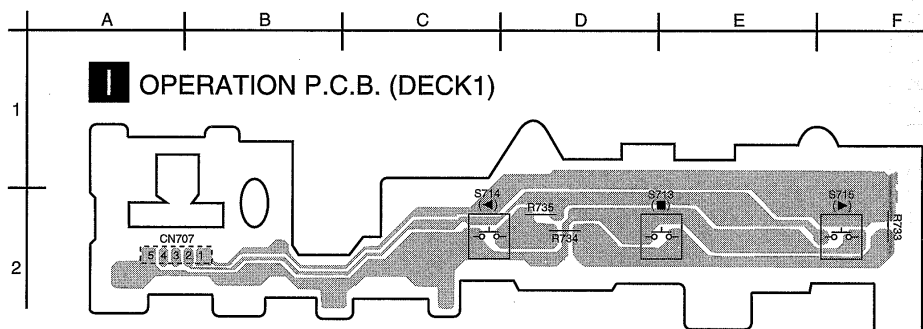
## L POWER SWITCH P.C.B.





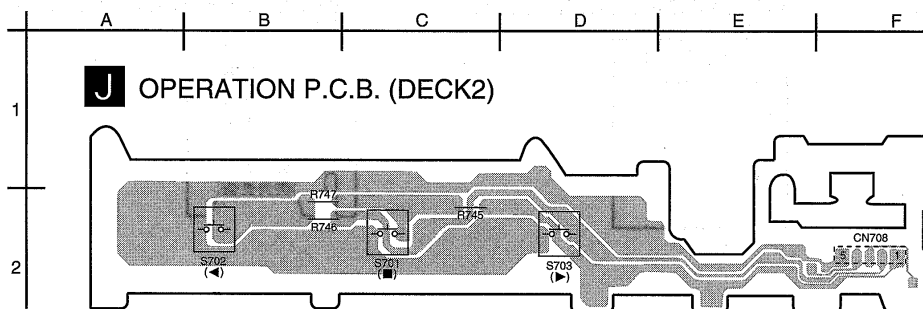
## Electrical Parts Location

| REC AMP P.C.B. |    |      |    |      |    |
|----------------|----|------|----|------|----|
| IC5            | 4C | C70  | 3C | R74  | 3C |
| IC150          | 4B | C71  | 4B | R75  | 4B |
| IC351          | 3E | C80  | 3D | R80  | 4D |
| IC352          | 2D | C351 | 2D | R81  | 3A |
| Q351           | 2C | C352 | 3E | R351 | 4E |
| Q352           | 2C | C353 | 2E | R352 | 3E |
| Q353           | 2C | C354 | 3E | R353 | 2E |
| Q354           | 3B | C355 | 2E | R354 | 3E |
| Q355           | 2B | C356 | 3E | R355 | 4E |
| Q356           | 2C | C357 | 2E | R356 | 4E |
| Q655           | 2B | C358 | 4E | R357 | 2D |
| Q656           | 3A | C359 | 2E | R358 | 3D |
| D351           | 2E | C360 | 3E | R359 | 4D |
| D352           | 3E | C361 | 4E | R360 | 3B |
| D353           | 2D | C362 | 4E | R361 | 2C |
| D354           | 2D | C363 | 2D | R362 | 2D |
| D355           | 2D | C364 | 3D | R363 | 3B |
| D356           | 2B | C365 | 2D | R364 | 2C |
| D357           | 3B | C366 | 4D | R365 | 2E |
| CN5            | 5C | C367 | 2D | R366 | 2C |
| CP4            | 4E | C368 | 3D | R367 | 2C |
| CP7            | 4B | C370 | 2D | R368 | 2C |
| L3             | 4E | C371 | 4E | R369 | 2C |
| L4             | 4D | C372 | 2E | R370 | 2C |
| L351           | 2D | C373 | 2C | R371 | 3B |
| L352           | 3D | C374 | 3B | R372 | 3B |
| L353           | 3D | C375 | 2C | R373 | 3C |
| C47            | 4D | C376 | 2D | R374 | 2C |
| C48            | 3D | C377 | 2C | R375 | 3B |
| C49            | 4C | C378 | 3C | R378 | 1B |
| C50            | 3C | C379 | 2C | R379 | 2C |
| C51            | 4C | C380 | 3B | R381 | 2B |
| C52            | 3C | C382 | 2C | R382 | 2B |
| C53            | 4D | C383 | 2B | R383 | 2C |
| C54            | 4D | C655 | 2A | R384 | 2E |
| C55            | 4C | C656 | 3A | R655 | 2B |
| C57            | 4E | R51  | 4C | R656 | 3A |
| C58            | 4E | R52  | 4C | R657 | 3B |
| C59            | 4E | R57  | 4E | R658 | 3B |
| C60            | 4D | R58  | 4E |      |    |
| C69            | 4C | R73  | 4C |      |    |



## Electrical Parts Location

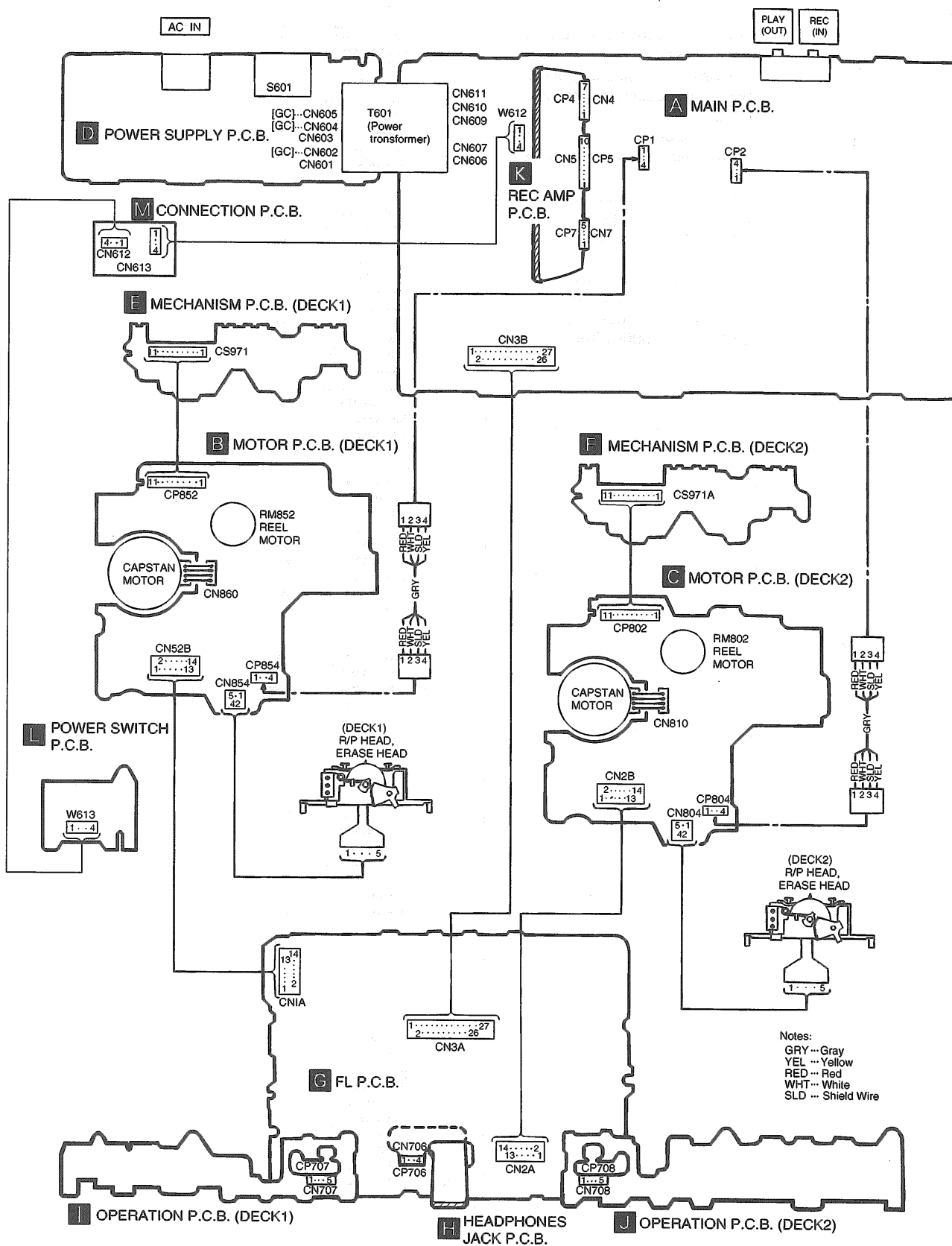
| OPERATION P.C.B.<br>(DECK 1) |    |      |    |
|------------------------------|----|------|----|
| CN707                        | 2A | R733 | 2F |
| S713                         | 2D | R734 | 2D |
| S714                         | 2C | R735 | 2D |
| S715                         | 2F |      |    |



## Electrical Parts Location

| OPERATION P.C.B.<br>(DECK 2) |    |      |    |
|------------------------------|----|------|----|
| CN708                        | 2F | R745 | 2C |
| S701                         | 2C | R746 | 2B |
| S702                         | 2B | R747 | 2B |
| S703                         | 2D |      |    |

# Wiring Connection Diagram



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

### Notes: \* Important safety notice:

Components identified by  $\Delta$  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 ( $\mu$ 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    | ECBT1H102KB5 | 50V 1000P               | 2   |         |
| C3, 4    | ECBT1H561KB5 | 50V 560P                | 2   |         |
| C5, 6    | ECBT1H102KB5 | 50V 1000P               | 2   |         |
| C7, 8    | ECBA1H681KB5 | 50V 680P                | 2   |         |
| C9, 10   | ECEA1HKS0R1  | 50V 0.1U                | 2   |         |
| C11, 12  | ECBT1E103ZF  | 25V 0.01U               | 2   |         |
| C13, 14  | ECQB1H682JF3 | 50V 6800P               | 2   |         |
| C15, 16  | RCE1AKA101BG | 10V 100U                | 2   |         |
| C17      | RCE1HKAR47BG | 50V 0.47U               | 1   |         |
| C18      | RCE1VKA100BG | 35V 10U                 | 1   |         |
| C19, 20  | ECKR2H121KB5 | 500V 120P               | 2   |         |
| C21, 22  | ECA1CPXS100B | 16V 10U                 | 2   |         |
| C23, 24  | ECEA1HKS2R2  | 50V 2.2U                | 2   |         |
| C25, 26  | RCE1HKAR47BG | 50V 0.47U               | 2   |         |
| C27, 28  | ECEA1CKN100B | 16V 10U                 | 2   |         |
| C29, 30  | ECA1CPXS100B | 16V 10U                 | 2   |         |
| C31, 32  | RCE1VKA100BG | 35V 10U                 | 2   |         |
| C33, 34  | ECA1EPXS220B | 25V 22U                 | 2   |         |
| C35      | ECKR1H392KB5 | 50V 3900P               | 1   |         |
| C37, 38  | ECEA1EKA220B | 25V 22U                 | 2   |         |
| C39, 40  | ECBT1E103ZF  | 25V 0.01U               | 2   |         |
| C41, 42  | ECA1HPXS010B | 50V 1U                  | 2   |         |
| C43, 44  | ECA1CPXS100B | 16V 10U                 | 2   |         |
| C45, 46  | ECBT1E103ZF  | 25V 0.01U               | 2   |         |
| C47, 48  | ECEA1HKS2R2  | 50V 2.2U                | 2   |         |
| C49, 50  | RCE1HKAR47BG | 50V 0.47U               | 2   |         |
| C51, 52  | ECEA1CN100U  | 16V 10U                 | 2   |         |
| C53, 54  | RCE1CKA100BG | 16V 10U                 | 2   |         |
| C55      | RCE1AKA101BG | 10V 100U                | 1   |         |
| C57, 58  | ECBT1H561KB5 | 50V 560P                | 2   |         |
| C59, 60  | ECKR2H121KB5 | 500V 120P               | 2   |         |
| C61, 62  | ECBT1H561KB5 | 50V 560P                | 2   |         |
| C63      | RCE1VKA100BG | 35V 10U                 | 1   |         |
| C64      | ECEA1HKS010  | 50V 1U                  | 1   |         |
| C65, 66  | ECBT1E103ZF  | 25V 0.01U               | 2   |         |
| C67-70   | ECBT1C472KR5 | 16V 4700P               | 4   |         |
| C71      | ECEA1AKS221  | 6.3V 220U               | 1   |         |
| C80      | RCE1AKA101BG | 10V 100U                | 1   |         |
| C151     | ECEA1AKS221  | 10V 220U                | 1   |         |
| C152     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C153     | ECA0JM102    | 6.3V 1000U              | 1   |         |
| C154     | ECBT1H331KB5 | 50V 330P                | 1   |         |
| C175     | ECBT1H121KB5 | 50V 120P                | 1   |         |
| C301     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C302     | RCE1VKA100BG | 35V 10U                 | 1   |         |
| C303, 04 | ECBT1C122KR5 | 16V 1200P               | 2   |         |
| C305, 06 | ECQB1H103JF3 | 50V 0.01U               | 2   |         |
| C307, 08 | ECQB1H223JF3 | 50V 0.022U              | 2   |         |
| C309, 10 | ECQV1H473JM3 | 50V 0.047U              | 2   |         |

| Ref.No.  | Part No.     | Part Name & Description | Pcs | Remarks |
|----------|--------------|-------------------------|-----|---------|
| C311, 12 | ECBT1H121KB5 | 50V 120P                | 2   |         |
| C313, 14 | ECKR2H821KB5 | 500V 820P               | 2   |         |
| C315, 16 | ECBT1E223ZF  | 25V 0.022U              | 2   |         |
| C317     | ECBT1H220J5  | 50V 22P                 | 1   |         |
| C318     | ECQP1153JZ   | 100V 0.015U             | 1   |         |
| C320     | ECBT1H220J5  | 22P 50V                 | 1   |         |
| C322     | ECA1AM471    | 16V 470U                | 1   |         |
| C323     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C324     | ECEA1EKS4R7  | 25V 4.7U                | 1   |         |
| C325     | ECKR1H392KB5 | 50V 3900P               | 1   |         |
| C326     | ECEA1HKS0R1  | 50V 0.1U                | 1   |         |
| C327     | ECKW1H222KB5 | 50V 2200P               | 1   |         |
| C328     | ECKD1H682KB  | 50V 6800P               | 1   |         |
| C329     | ECKW1H222KB5 | 50V 2200P               | 1   |         |
| C330     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C332     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C351     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C352     | RCE1CKA100BG | 16V 10U                 | 1   |         |
| C353, 54 | ECBT1C122KR5 | 16V 1200P               | 2   |         |
| C355, 56 | ECQB1H103JF3 | 50V 0.01U               | 2   |         |
| C357, 58 | ECQB1H223JF3 | 50V 0.022U              | 2   |         |
| C359, 60 | ECQV1H473JM3 | 50V 0.047U              | 2   |         |
| C361, 62 | ECBT1H121KB5 | 50V 120P                | 2   |         |
| C363, 64 | ECKR2H821KB5 | 500V 820P               | 2   |         |
| C365, 66 | ECBT1E223ZF  | 25V 0.022U              | 2   |         |
| C367     | ECBT1H220J5  | 50V 22P                 | 1   |         |
| C368     | ECQP1153JZ   | 100V 0.015U             | 1   |         |
| C370     | ECBT1H220J5  | 50V 22P                 | 1   |         |
| C371     | ECQV1H104JM3 | 50V 0.15U               | 1   |         |
| C372     | ECA1AM471    | 16V 470U                | 1   |         |
| C373     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C374     | ECEA1EKS4R7  | 25V 4.7U                | 1   |         |
| C375     | ECKR1H392KB5 | 50V 3900P               | 1   |         |
| C376     | ECEA1HKS0R1  | 50V 0.1U                | 1   |         |
| C377     | ECKW1H222KB5 | 50V 2200P               | 1   |         |
| C378     | ECKD1H682KB  | 50V 6800P               | 1   |         |
| C379     | ECKW1H222KB5 | 50V 2200P               | 1   |         |
| C380     | ECBT1E103ZF  | 25V 0.01U               | 1   |         |
| C382, 83 | ECBT1E103ZF  | 25V 0.01U               | 2   |         |
| C401, 02 | ECBT1C222KR5 | 16V 2200P               | 2   |         |
| C403, 04 | ECBT1C182KR5 | 16V 1800P               | 2   |         |
| C405, 06 | ECBT1C222KR5 | 16V 2200P               | 2   |         |
| C407, 08 | ECQV1H154JM3 | 50V 0.15U               | 2   |         |
| C409, 10 | ECA1HPXS010B | 50V 1U                  | 2   |         |
| C411, 12 | ECA1HPXS2R2  | 50V 2.2U                | 2   |         |
| C413, 14 | ECEA1HKS010  | 50V 1U                  | 2   |         |
| C415, 16 | ECQB1H152JF3 | 50V 1500P               | 2   |         |
| C417, 18 | RCE1HKAR47BG | 50V 0.47U               | 2   |         |
| C419, 20 | ECQB1H152JF3 | 50V 1500P               | 2   |         |
| C421, 22 | RCE1HKAR47BG | 50V 0.47U               | 2   |         |
| C423, 24 | ECBT1H820KB5 | 50V 82P                 | 2   |         |
| C425, 26 | ECBT1C682KR5 | 16V 6800P               | 2   |         |
| C427     | RCE1VKA100BG | 35V 10U                 | 1   | </      |

| Ref.No.    | Part No.     | Part Name & Description | Pcs | Remarks | Ref.No.   | Part No.     | Part Name & Description  | Pcs | Remarks            |
|------------|--------------|-------------------------|-----|---------|-----------|--------------|--------------------------|-----|--------------------|
| C713       | ECBT1E103ZF  | 25V 0.01U               | 1   |         | D616      | MA165        | DIODE                    | 1   |                    |
| C802       | ECBT1E223ZF  | 25V 0.022U              | 1   |         | D620      | MA29WA       | DIODE                    | 1   |                    |
| C806       | ECBT1H104ZF5 | 50V 0.1U                | 1   |         | D625      | MA165        | DIODE                    | 1   |                    |
| C807       | ECEA1KA101B  | 25V 100U                | 1   |         | D701      | LN28RPX      | LED                      | 1   |                    |
| C808       | RCE1AKA101BG | 10V 100U                | 1   |         | D802      | MA188TA      | DIODE                    | 1   |                    |
| C814       | ECBT1H104ZF5 | 50V 0.1U                | 1   |         | D852      | MA188TA      | DIODE                    | 1   |                    |
| C815, 16   | ECBT1H101KB5 | 50V 100P                | 2   |         | D971, 1A  | RVD1SS133TA  | DIODE                    | 2   |                    |
| C818       | ECBT1H101KB5 | 50V 100P                | 1   |         |           |              |                          |     |                    |
| C822       | ECEA1AKS221  | 6.3V 220U               | 1   |         | FL701     | RSL0176-F    | FL DISPLAY TUBE          | 1   |                    |
| C852       | ECBT1E223ZF  | 25V 0.022U              | 1   |         |           |              |                          |     |                    |
| C856       | ECBT1H104ZF5 | 50V 0.1U                | 1   |         | IC1       | AN7384N      | IC                       | 1   |                    |
| C857       | ECEA1KA101B  | 25V 100U                | 1   |         | IC2       | AN7352S-E2   | IC                       | 1   |                    |
| C858       | RCE1AKA101BG | 10V 100U                | 1   |         | IC3       | AN7353S-E2   | IC                       | 1   |                    |
| C864       | ECBT1H104ZF5 | 50V 0.1U                | 1   |         | IC4       | M5218AL      | IC                       | 1   |                    |
| C865, 66   | ECBT1H101KB5 | 50V 100P                | 2   |         | IC5       | AN7353S-E2   | IC                       | 1   |                    |
| C868       | ECBT1H101KB5 | 50V 100P                | 1   |         | IC150, 51 | M62352FPE1   | IC                       | 2   |                    |
| C872       | ECEA1AKS221  | 6.3V 220U               | 1   |         | IC152     | BU2040F-T2   | IC                       | 1   |                    |
|            |              |                         |     |         | IC301     | UPC1297CA    | IC                       | 1   |                    |
| CN4        | RJU060G07T   | CONNECTOR (7P)          | 1   |         | IC302     | SV1BA4560FT1 | IC                       | 1   |                    |
| CN5        | RJU057W010   | CONNECTOR (10P)         | 1   |         | IC351     | UPC1297CA    | IC                       | 1   |                    |
| CN7        | RJU060G05T   | CONNECTOR (5P)          | 1   |         | IC352     | SV1BA4560FT1 | IC                       | 1   |                    |
| CN601      | RJS1A1101T1  | CONNECTOR (1P)          | 1   |         | IC401     | AN7354SC-E2  | IC                       | 1   |                    |
| CN602      | RJS1A1101T1  | CONNECTOR (1P)          | 1   | (GC)    | IC701     | M38123M4128F | IC                       | 1   |                    |
| CN603      | RJS1A1101T1  | CONNECTOR (1P)          | 1   |         | IC702     | BR93LC46AFE2 | IC                       | 1   |                    |
| CN604, 05  | RJS1A1101T1  | CONNECTOR (1P)          | 2   | (GC)    | IC703     | MC14052BFR2  | IC                       | 1   |                    |
| CN606, 07  | RJS1A1101T1  | CONNECTOR (1P)          | 2   |         | IC802     | BA6265AFP-E1 | IC                       | 1   |                    |
| CN609-11   | RJS1A1101T1  | CONNECTOR (1P)          | 3   |         | IC852     | BA6265AFP-E1 | IC                       | 1   |                    |
| CN612, 13  | RJS1A6604    | CONNECTOR (4P)          | 2   |         | IC971, 72 | RVSGP2S24BC  | IC                       | 2   |                    |
| CN704      | SJS05081BB   | CONNECTOR (5P)          | 1   |         | IC971A    | RVSGP2S24BC  | IC                       | 1   |                    |
| CN706      | RJT057W004-1 | CONNECTOR (4P)          | 1   |         | IC972A    | RVSGP2S24BC  | IC                       | 1   |                    |
| CN707, 08  | RJU066H05    | CONNECTOR (5P)          | 2   |         |           |              |                          |     |                    |
| CN804      | RJS2A0205-2S | CONNECTOR (5P)          | 1   |         | JK1       | SJF3069N     | JACK, TERMINAL BOARD:R/P | 1   |                    |
| CN810      | RJR0113      | MOTOR CONNECTOR (4P)    | 1   |         | △ JK601   | SJS9236      | JACK, AC INLET           | 1   |                    |
| CN854      | RJS2A0205-2S | CONNECTOR (5P)          | 1   |         | JK710     | SJJ146B      | JACK, HEADPHONES         | 1   |                    |
| CN860      | RJR0113      | MOTOR CONNECTOR (4P)    | 1   |         |           |              |                          |     |                    |
|            |              |                         |     |         | L1-4      | SLQX303-1KT  | COIL, CHOKE              | 4   |                    |
| CN1A, 2A   | RJS1A6214-1  | CONNECTOR (14P)         | 2   |         | L301, 02  | SL09B1-Z     | COIL, OSCILLATOR         | 2   |                    |
| CN3A       | RJS1A6227-1  | CONNECTOR (27P)         | 1   |         | L303      | SL09B4-K     | COIL, OSCILLATOR         | 1   |                    |
|            |              |                         |     |         | L351, 52  | SL09B1-Z     | COIL, OSCILLATOR         | 2   |                    |
| CN2B       | RJS1A6714    | CONNECTOR (14P)         | 1   |         | L353      | SL09B4-K     | COIL, OSCILLATOR         | 1   |                    |
| CN3B       | RJS1A6827    | CONNECTOR (27P)         | 1   |         | L401, 02  | RLM2B006T-K  | COIL, DOLBY MPX          | 2   |                    |
| CN52B      | RJS1A6714    | CONNECTOR (14P)         | 1   |         |           |              |                          |     |                    |
|            |              |                         |     |         | △ PT601   | RTP1K4B019-V | POWER TRANSFORMER        | 1   | (E) (EB) (EG) (GN) |
| CP1, 2     | RJP4G18ZA    | SOCKET (4P)             | 2   |         | △ PT601   | RTP1K4E028-V | POWER TRANSFORMER        | 1   | (GC)               |
| CP4        | RJT060R07    | CONNECTOR (7P)          | 1   |         |           |              |                          |     |                    |
| CP5        | RJT057W010-1 | CONNECTOR (10P)         | 1   |         | Q1-4      | 2SJ164PQRTA  | TRANSISTOR               | 4   |                    |
| CP7        | RJT060R05    | CONNECTOR (5P)          | 1   |         | Q5        | DTA114ESTP   | TRANSISTOR               | 1   |                    |
| CP706      | RJU057W004   | CONNECTOR (4P)          | 1   |         | Q6-8      | 2SC3311AR    | TRANSISTOR               | 3   |                    |
| CP707, 08  | RJT066H05A   | CONNECTOR (5P)          | 2   |         | Q9, 10    | 2SJ164PQRTA  | TRANSISTOR               | 2   |                    |
| CP802      | RJT071H11A   | CONNECTOR (11P)         | 1   |         | Q301      | 2SA1309A-R   | TRANSISTOR               | 1   |                    |
| CP804      | RJP4G17ZA    | SOCKET (4P)             | 1   |         | Q302, 03  | 2SC3311AR    | TRANSISTOR               | 2   |                    |
| CP852      | RJT071H11A   | CONNECTOR (11P)         | 1   |         | Q304      | 2SB1357EFTA  | TRANSISTOR               | 1   |                    |
| CP854      | RJP4G17ZA    | SOCKET (4P)             | 1   |         | Q305      | 2SD2037EFTA  | TRANSISTOR               | 1   |                    |
|            |              |                         |     |         | Q306      | 2SB1030ATA   | TRANSISTOR               | 1   |                    |
| CS971, 1A  | RJU071H11M   | CONNECTOR (11P)         | 2   |         | Q351      | 2SA1309A-R   | TRANSISTOR               | 1   |                    |
|            |              |                         |     |         | Q352, 53  | 2SC3311AR    | TRANSISTOR               | 2   |                    |
| D1-4       | MA167        | DIODE                   | 4   |         | Q354      | 2SB1357EFTA  | TRANSISTOR               | 1   |                    |
| D5         | MA165        | DIODE                   | 1   |         | Q355      | 2SD2037EFTA  | TRANSISTOR               | 1   |                    |
| D6         | MTZJ6R2BTA   | DIODE                   | 1   |         | Q356      | 2SB1030ATA   | TRANSISTOR               | 1   |                    |
| D150, 51   | MA165        | DIODE                   | 2   |         | Q401-04   | 2SD1450RSTTA | TRANSISTOR               | 4   |                    |
| △ D152     | MTZJ5R1BTA   | DIODE                   | 1   |         | Q405, 06  | 2SC3311AR    | TRANSISTOR               | 2   |                    |
| D154, 55   | 1SR35200TB   | DIODE                   | 2   |         | Q601, 02  | 2SD1450RSTTA | TRANSISTOR               | 2   |                    |
| D158, 59   | MA165        | DIODE                   | 2   |         | Q603      | DTC114ESTP   | TRANSISTOR               | 1   |                    |
| D301, 02   | MTZJ6R8BTA   | DIODE                   | 2   |         | △ Q604    | 2SA1309A-R   | TRANSISTOR               | 1   |                    |
| D303-07    | MA165        | DIODE                   | 5   |         | △ Q605    | 2SD2037EFTA  | TRANSISTOR               | 1   |                    |
| D351, 52   | MTZJ6R8BTA   | DIODE                   | 2   |         | △ Q606    | 2SA1309A-R   | TRANSISTOR               | 1   |                    |
| D353-57    | MA165        | DIODE                   | 5   |         | △ Q607    | 2SB1357EFTA  | TRANSISTOR               | 1   |                    |
| D401, 02   | MA165        | DIODE                   | 2   |         | △ Q608    | 2SD2037EFTA  | TRANSISTOR               | 1   |                    |
| D405, 06   | MTZJ4R3BTA   | DIODE                   | 2   |         | △ Q609    | KSB564ACYGTA | TRANSISTOR               | 1   |                    |
| △ D601, 02 | MA165        | DIODE                   | 2   |         | △ Q610    | 2SB1357EFTA  | TRANSISTOR               | 1   |                    |
| △ D603-10  | 1SR35200TB   | DIODE                   | 8   |         |           |              |                          |     |                    |

| Ref.No.  | Part No.     | Part Name & Description | Pcs | Remarks |
|----------|--------------|-------------------------|-----|---------|
| Q707     | DTA114ESTP   | TRANSISTOR              | 1   |         |
| Q709     | DTC114ESTP   | TRANSISTOR              | 1   |         |
| Q802     | 2SA1309A-R   | TRANSISTOR              | 1   |         |
| Q804     | 2SD1450RSTTA | TRANSISTOR              | 1   |         |
| Q852     | 2SA1309A-R   | TRANSISTOR              | 1   |         |
| Q854     | 2SD1450RSTTA | TRANSISTOR              | 1   |         |
| R1, 2    | ERDS2TJ225   | 1/4W 2.2M               | 2   |         |
| R3, 4    | ERDS2FJ104   | 1/4W 100K               | 2   |         |
| R5, 6    | ERDS2TJ225   | 1/4W 2.2M               | 2   |         |
| R7, 8    | ERDS2FJ104   | 1/4W 100K               | 2   |         |
| R9, 10   | ERDS2TJ225   | 1/4W 2.2M               | 2   |         |
| R11-14   | ERDS2FJ101   | 1/4W 100                | 4   |         |
| R15, 16  | ERDS2FJ121   | 1/4W 120                | 2   |         |
| R17, 18  | ERDS2FJ474   | 1/4W 470K               | 2   |         |
| R19, 20  | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R21, 22  | ERDS2FJ273   | 1/4W 27K                | 2   |         |
| R23, 24  | ERDS2FJ183   | 1/4W 18K                | 2   |         |
| R25, 26  | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R27, 28  | ERDS2FJ101   | 1/4W 100                | 2   |         |
| R29      | ERDS2FJ332   | 1/4W 3.3K               | 1   |         |
| R30      | ERDS2FJ472   | 1/4W 4.7K               | 1   |         |
| R31, 32  | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R33, 34  | ERDS2FJ823   | 1/4W 82K                | 2   |         |
| R35      | ERDS2FJ124   | 1/4W 120K               | 1   |         |
| R36      | ERDS2FJ223   | 1/4W 22K                | 1   |         |
| R37, 38  | ERDS2FJ102   | 1/4W 1K                 | 2   |         |
| R39, 40  | ERDS2TJ225   | 1/4W 2.2M               | 2   |         |
| R41, 42  | ERDS2FJ183   | 1/4W 18K                | 2   |         |
| R43, 44  | ERDS2FJ393   | 1/4W 39K                | 2   |         |
| R45, 46  | ERDS2FJ394   | 1/4W 390K               | 2   |         |
| R47, 48  | ERDS2FJ561   | 1/4W 560                | 2   |         |
| R49, 50  | ERDS2FJ222   | 1/4W 2.2K               | 2   |         |
| R51      | ERDS2FJ393   | 1/4W 39K                | 1   |         |
| R52      | ERDS2FJ333   | 1/4W 33K                | 1   |         |
| R53, 54  | ERDS2FJ101   | 1/4W 100                | 2   |         |
| R55      | ERDS2FJ223   | 1/4W 22K                | 1   |         |
| R56      | ERDS2FJ332   | 1/4W 3.3K               | 1   |         |
| R57, 58  | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R59      | ERDS2FJ393   | 1/4W 39K                | 1   |         |
| R60      | ERDS2FJ333   | 1/4W 33K                | 1   |         |
| R61, 62  | ERDS2FJ562   | 1/4W 5.6K               | 2   |         |
| R63, 64  | ERDS2FJ222   | 1/4W 2.2K               | 2   |         |
| R67, 68  | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R69, 70  | ERDS2FJ682   | 1/4W 6.8K               | 2   |         |
| R71, 72  | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R73, 74  | ERDS2FJ682   | 1/4W 6.8K               | 2   |         |
| R75      | ERDS2FJ221   | 1/4W 220                | 1   |         |
| R79      | ERDS2FJ561   | 1/4W 560                | 1   |         |
| R80      | ERDS2FJ390   | 1/4W 39                 | 1   |         |
| R81      | ERDS2FJ470   | 1/4W 47                 | 1   |         |
| R150     | ERDS2FJ103   | 1/4W 10K                | 1   |         |
| R173     | ERDS2FJ221   | 1/4W 220                | 1   |         |
| R174-76  | ERDS2FJ103   | 1/4W 10K                | 3   |         |
| R301, 02 | ERDS2FJ153   | 1/4W 15K                | 2   |         |
| R303, 04 | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R305, 06 | ERDS2FJ154   | 1/4W 150K               | 2   |         |
| R307     | ERDS2FJ100   | 1/4W 10                 | 1   |         |
| R308     | ERDS2FJ1R0   | 1/4W 1                  | 1   |         |
| R309     | ERDS2FJ100   | 1/4W 10                 | 1   |         |
| △ R310   | ERD2FCVG390T | 1/4W 39                 | 1   |         |
| R311     | ERDS2FJ102   | 1/4W 1K                 | 1   |         |
| R312     | ERDS2FJ682   | 1/4W 6.8K               | 1   |         |
| R313     | ERDS2FJ822   | 1/4W 8.2K               | 1   |         |
| R314     | ERDS2FJ471   | 1/4W 470                | 1   |         |
| R315     | ERDS2FJ561   | 1/4W 560                | 1   |         |
| R316, 17 | ERDS2FJ183   | 1/4W 18K                | 2   |         |
| R318     | ERDS2FJ393   | 1/4W 39K                | 1   |         |
| R319     | ERDS2FJ103   | 1/4W 10K                | 1   |         |
| R320     | ERDS2FJ332   | 1/4W 3.3K               | 1   |         |
| R321     | ERDS2FJ102   | 1/4W 1K                 | 1   |         |
| R322, 23 | ERDS2FJ100   | 1/4W 10                 | 2   |         |
| R324     | ERDS2FJ122   | 1/4W 1.2K               | 1   |         |
| R325     | ERDS2FJ120   | 1/4W 12                 | 1   |         |
| △ R327   | ERD2FCVG390T | 1/4W 39                 | 1   |         |

| Ref.No.  | Part No.     | Part Name & Description | Pcs | Remarks |
|----------|--------------|-------------------------|-----|---------|
| R328     | ERDS2FJ222   | 1/4W 2.2K               | 1   |         |
| R329     | ERDS2FJ473   | 1/4W 47K                | 1   |         |
| △ R330   | ERDS2FJ120   | 1/4W 12                 | 1   |         |
| R332     | ERDS2FJ102   | 1/4W 1K                 | 1   |         |
| R334     | ERDS2FJ182   | 1/4W 1.8K               | 1   |         |
| R351, 52 | ERDS2FJ153   | 1/4W 15K                | 2   |         |
| R353, 54 | ERDS2FJ103   | 1/4W 10K                | 2   |         |
| R355, 56 | ERDS2FJ154   | 1/4W 150K               | 2   |         |
| R357     | ERDS2FJ100   | 1/4W 10                 | 1   |         |
| R358     | ERDS2FJ1R0   | 1/4W 1                  | 1   |         |
| R359     | ERDS2FJ100   | 1/4W 10                 | 1   |         |
| R360     | ERDS2FJ120   | 1/4W 12                 | 1   |         |
| R361     | ERDS2FJ102   | 1/4W 1K                 | 1   |         |
| R362     | ERDS2FJ682   | 1/4W 6.8K               | 1   |         |
| R363     | ERDS2FJ822   | 1/4W 8.2K               | 1   |         |
| R364     | ERDS2FJ471   | 1/4W 470                | 1   |         |
| R365     | ERDS2FJ561   | 1/4W 560                | 1   |         |
| R366, 67 | ERDS2FJ183   | 1/4W 18K                | 2   |         |
| R368     | ERDS2FJ393   | 1/4W 39K                | 1   |         |
| R369     | ERDS2FJ103   | 1/4W 10K                | 1   |         |
| R370     | ERDS2FJ332   | 1/4W 3.3K               | 1   |         |
| R371     | ERDS2FJ102   | 1/4W 1K                 | 1   |         |
| R372, 73 | ERDS2FJ100   | 1/4W 10                 | 2   |         |
| R374     | ERDS2FJ122   | 1/4W 1.2K               | 1   |         |
| △ R375   | ERD2FCVG390T | 1/4W 39                 | 1   |         |
| R378     | ERDS2FJ222   | 1/4W 2.2K               | 1   |         |
| R379     | ERDS2FJ473   | 1/4W 47K                | 1   |         |
| R381     | ERDS2FJ120   | 1/4W 12                 | 1   |         |
| R382     | ERD2FCVG390T | 1/4W 39                 | 1   |         |
| R383     | ERDS2FJ102   | 1/4W 1K                 | 1   |         |
| R384     | ERDS2FJ182   | 1/4W 1.8K               | 1   |         |
| R385     | ERDS2FJ1R0   | 1/4W 1                  | 1   |         |
| R401-04  | ERDS2FJ684   | 1/4W 680K               | 4   |         |
| R405, 06 | ERDS2FJ152   | 1/4W 1.5K               | 2   |         |
| R407, 08 | ERDS2FJ332   | 1/4W 3.3K               | 2   |         |
| R409     | ERDS2FJ223   | 1/4W 22K                | 1   |         |
| R410     | ERDS2FJ472   | 1/4W 4.7K               | 1   |         |
| R411, 12 | ERDS2FJ473   | 1/4W 47K                | 2   |         |
| R413, 14 | ERDS2FJ104   | 1/4W 100K               | 2   |         |
| R601-04  | ERDS2FJ472   | 1/4W 4.7K               | 4   |         |
| R605     | ERDS2FJ1R0   | 1/4W 1                  | 1   |         |
| R607     | ERDS2FJ472   | 1/4W 4.7K               | 1   |         |
| R608     | ERDS2FJ103   | 1/4W 10K                | 1   |         |
| R609     | ERDS2FJ102   | 1/4W 1K                 | 1   |         |
| R610     | ERDS2FJ152   | 1/4W 1.5K               | 1   |         |
| R611     | ERDS2FJ101   | 1/4W 100                | 1   |         |

