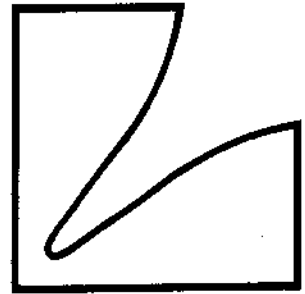


SERVICE MANUAL

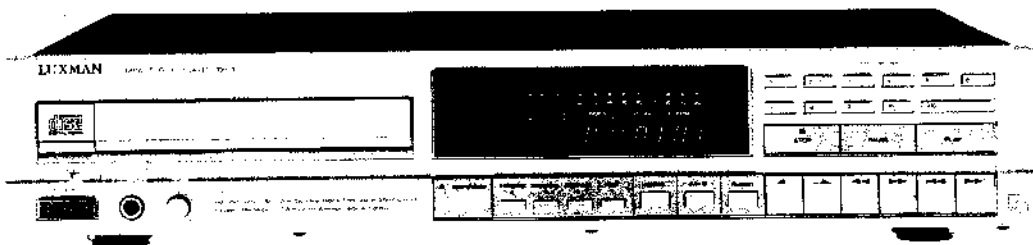


Compact Disc Player

D-115/D-01



D-115



D-01

Contents

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Specifications

CD SECTION

| | |
|---|---|
| System | Optical (Compact Disc System) |
| Quantizing Bit Number | 16 Bit Linear System |
| Channels | 2 Channels, Stereo |
| Pickup | Semiconductor Laser Pickup |
| Output Voltage | 2V ± 1dB |
| Frequency Response | 4~20kHz ± 1dB |
| T.H.D (1kHz) | 0.009% |
| S/N | 90dB |
| Dynamic Range | 87dB |
| Separation (1kHz) | 86dB |
| Headphone Output Voltage (1kHz, 10dB/8 ohm) | 300mV |
| Power Supply | AC100V, 50/60Hz (JA Model only) AC120/220/240V, 50Hz (AD Model only) AC120V, 60Hz (UQ Model only) |
| Power Consumption | 12W |
| Semiconductors | 22 IC's, 25 Transistors, 2 FETs, 10 Diodes, 8 Zener Diodes |
| Dimension (W × H × D) | 438 × 85 × 314mm |
| Weight | 4.9kg |

COMPACT DISC

| | |
|----------------------------|------------------|
| Track Pitch | 1.6 μm |
| Modulation Frequency | 44.1kHz |
| Transfer Rate | 4.3218M Bit/sec. |
| Dimension | 120 × 1.2mm |

Parts Locations and Disassembly Instructions

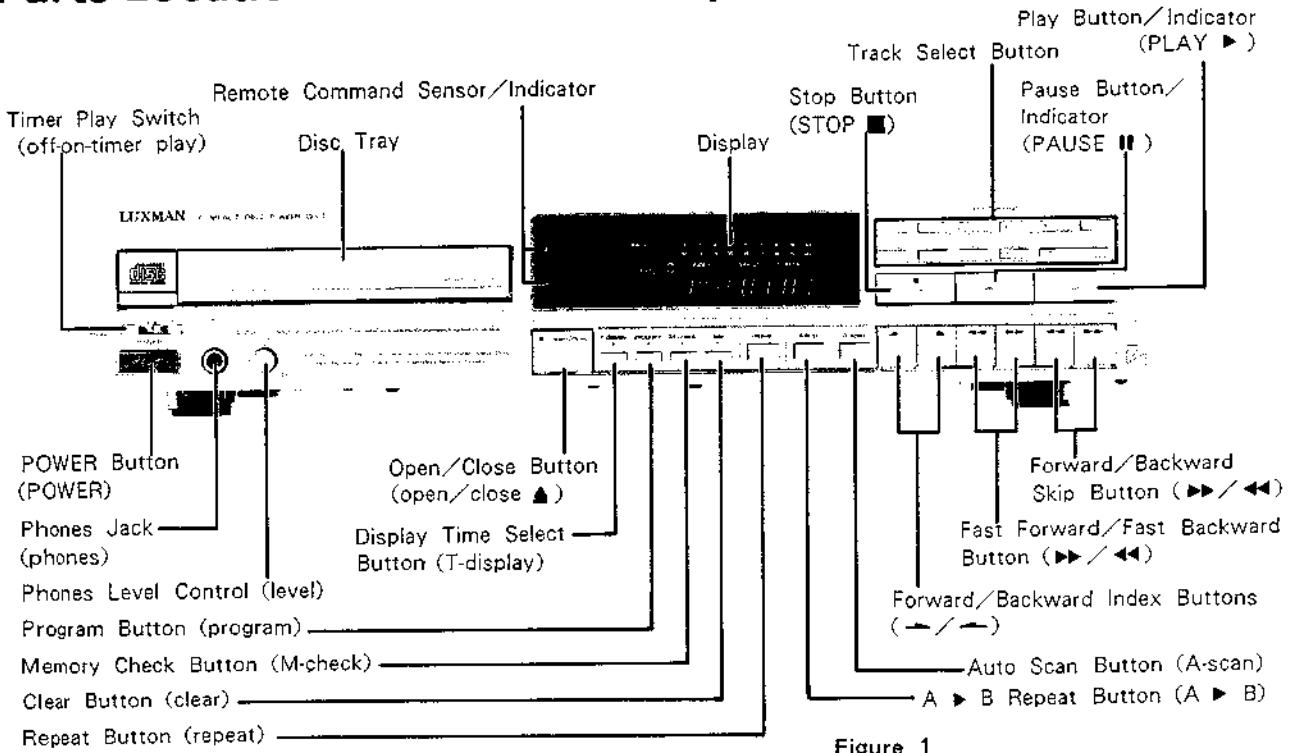


Figure 1

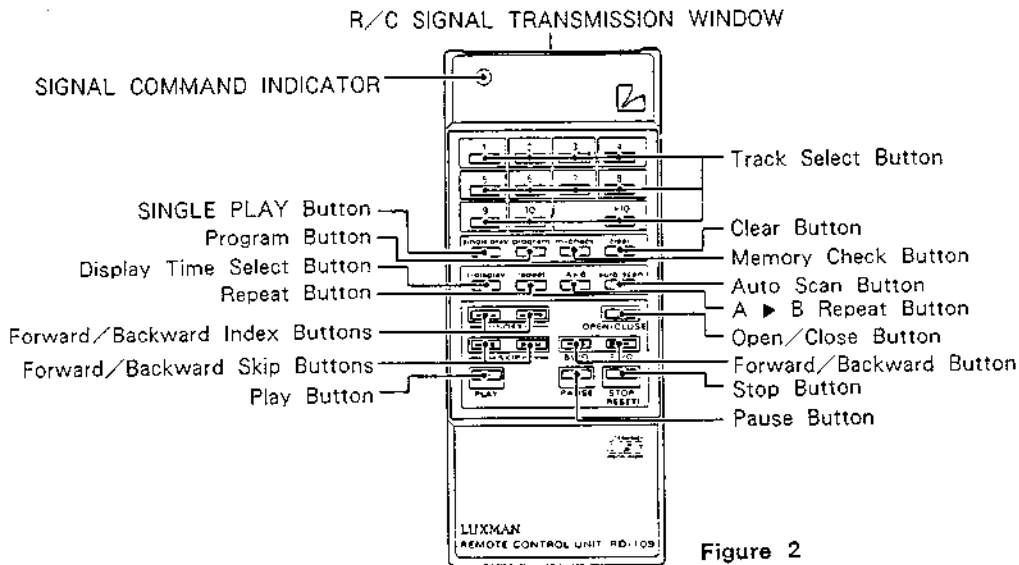


Figure 2

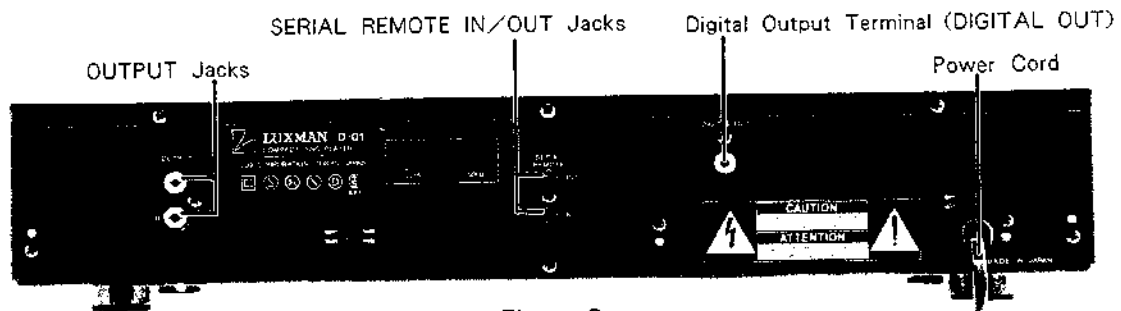


Figure 3

1. Removal of CD Mechanism

- (1) Open the disc tray.
- (2) Remove the panel tray in the arrow direction as shown in Figure 5.
- (3) Remove four screws marked "○" as shown in the Figure 4.

1. CDメカニズムの外し方

- (1) ディスク・トレイを開けます。
- (2) パネル・トレイを矢印の方向に外します。(5図参照)
- (3) 4本のネジ(○印)を外します。(4図参照)

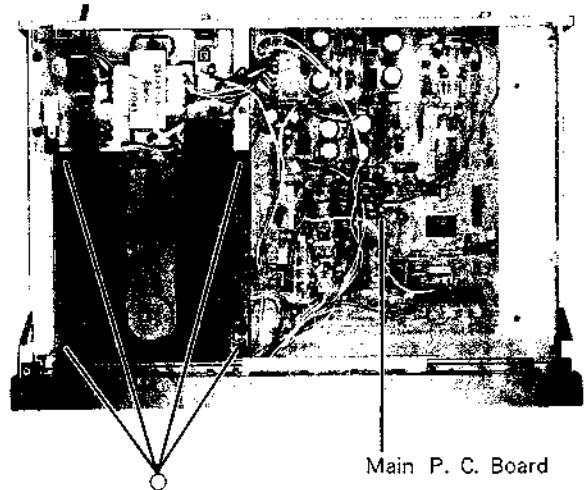


Figure 4

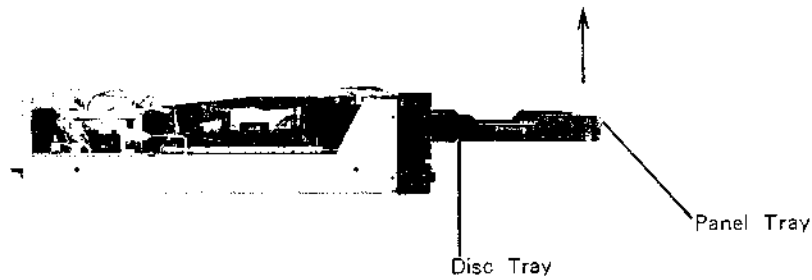


Figure 5

2. Removal of FL/Keyboard P. C. Board

- (1) After removal of front panel, remove thirteen hooks and one screw marked "□" as shown in Figure 6.
- (2) Disconnect connector from the Main P. C. Board.

2. FL/KEY ボード基板

- (1) フロント基板を外してから、13箇所のフックを外します。(6図参照)
- (2) メイン基板から全てのコネクタを外します。

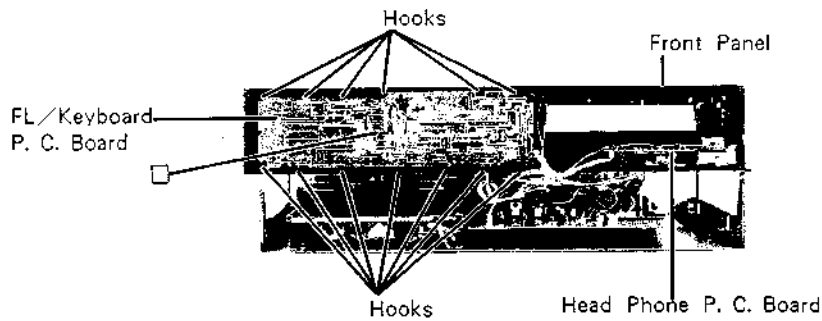


Figure 6

Adjustment Procedures

1. CD SECTION

(1) Connections

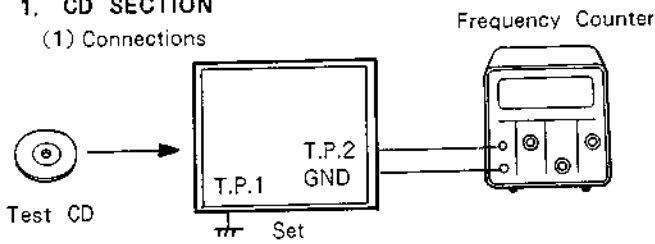


Figure 7

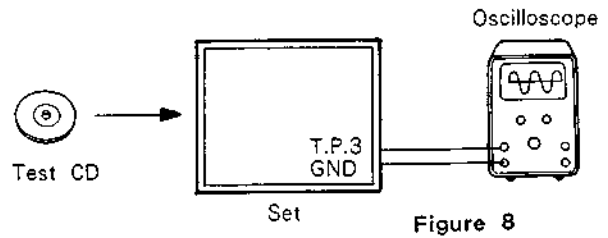


Figure 8

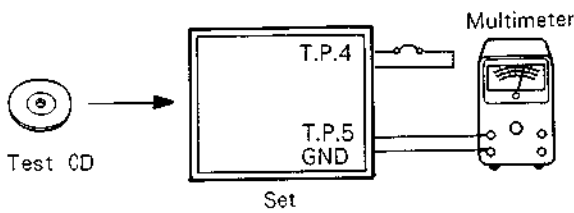


Figure 9

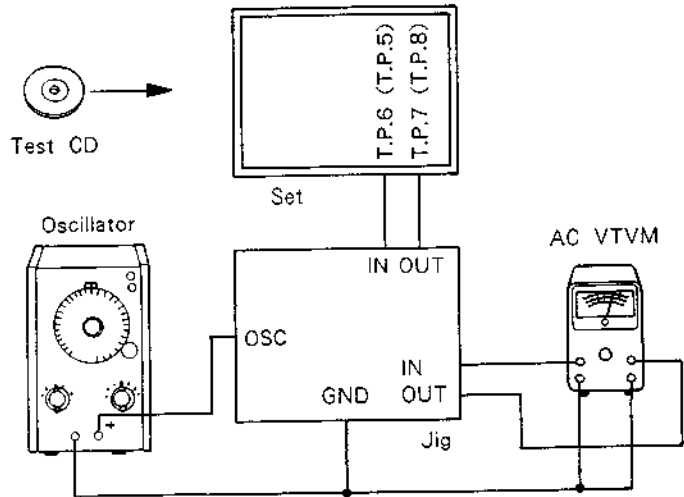


Figure 10

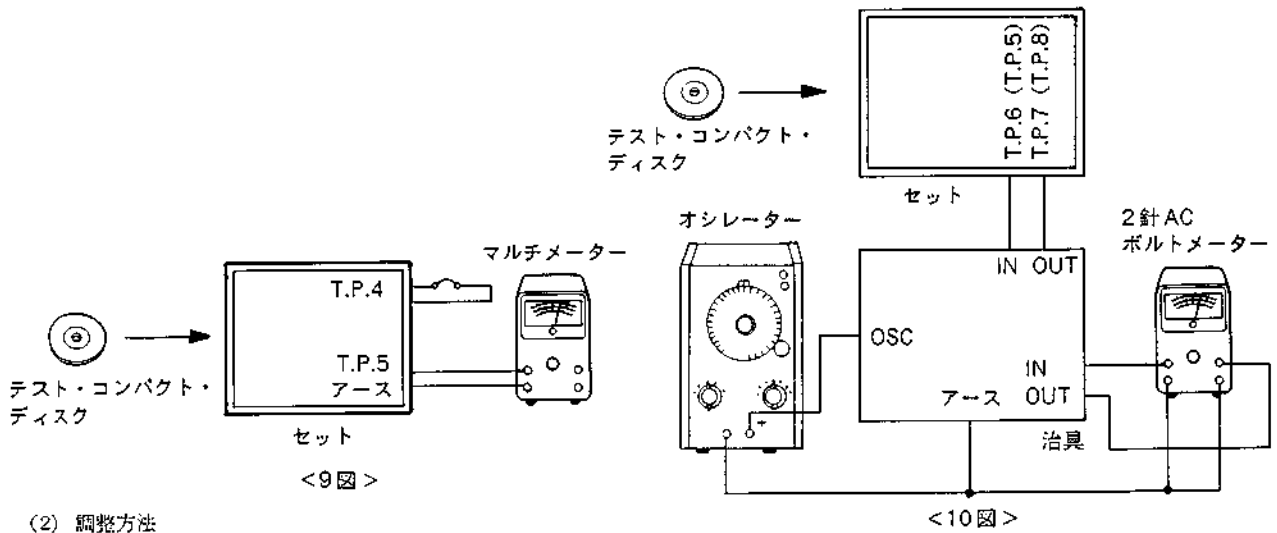
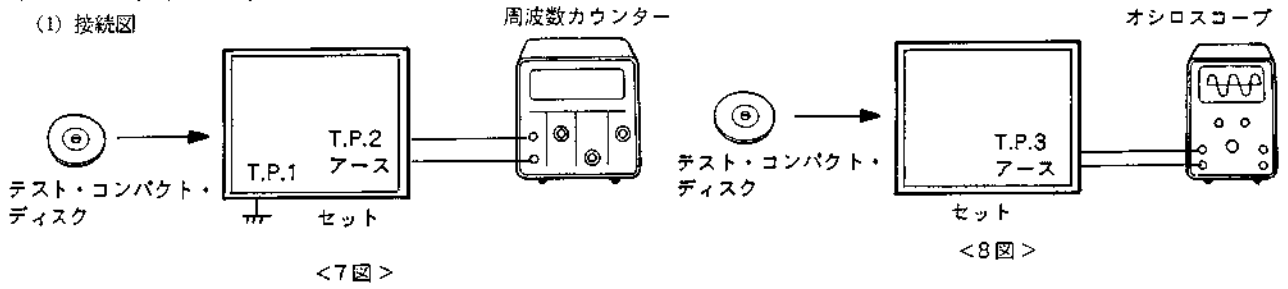
(2) Adjustment Procedures

| Step | Description | Connection | Oscillator | Test Point | Adjustment |
|------|-----------------------------------|------------|---------------|----------------|--|
| 1 | VCO Adjustment | Figure 7 | - | T.P.1 T.P.2 | Connect T.P.1 to ground and adjust VR1303 so that the frequency is $8.643\text{MHz} \pm 10\text{kHz}$. |
| 2 | Focus Bias Adjustment | Figure 8 | - | T.P.3 | Adjust VR1202 for the oscilloscope waveform to show maximum. |
| 3 | Tracking Error Balance Adjustment | Figure 9 | - | T.P.4 T.P.5 | Shortcircuit T.P.4, turn VR1301 fully counter-clockwise and adjust VR1201 so that the voltage is $0 \pm 50\text{mV}$. After adjustment set VR1301 at approximately its center position. |
| 4 | Tracking Gain Adjustment | Figure 10 | 1kHz 200mV | T.P.6 T.P.7 | Adjust VR1302 so that two arms of the valve voltmeter just meet each other. |
| 5 | Focus Gain Adjustment | Figure 10 | 1kHz 200mV | T.P.5 T.P.8 | Adjust VR1301 so that two arms of the valve voltmeter just meet each other. |

調整方法

1. コンパクト・ディスク

(1) 接続図

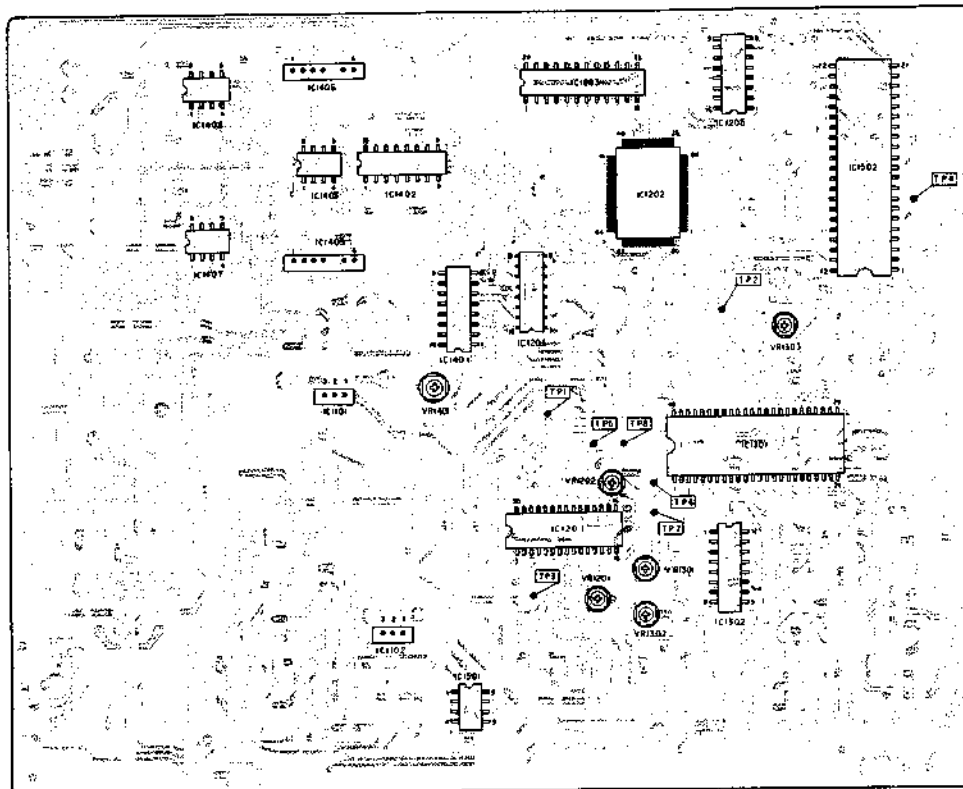


(2) 調整方法

| 順序 | 調整項目 | 接続図 | オシレーター | テスト・ポイント | 調整方法 |
|----|---------------------|-----|---------------|----------------|---|
| 1 | VCO調整 | 7図 | - | T.P.1 T.P.2 | T.P.1をアースに落とし、周波数が8.643MHz±10kHzになる様にVR1303で調整します。 |
| 2 | フォーカス バイアス調整 | 8図 | - | T.P.3 | オシロスコープの波形が最大になる様にVR1202で調整します。 |
| 3 | トラッキングエラー バランス調整 | 9図 | - | T.P.4 T.P.5 | T.P.4をショートしてVR1301を左にしぼり、電圧が0V±50mVになる様にVR1201で調整します。調整後VR1301を中央付近にもどす事。 |
| 4 | トラッキング ゲイン調整 | 10図 | 1kHz 200mV | T.P.6 T.P.7 | 2針バルボルの針が重なる様にVR1302で調整します。 |
| 5 | フォーカス ゲイン調整 | 10図 | 1kHz 200mV | T.P.5 T.P.8 | 2針バルボルの針が重なる様にVR1301で調整します。 |

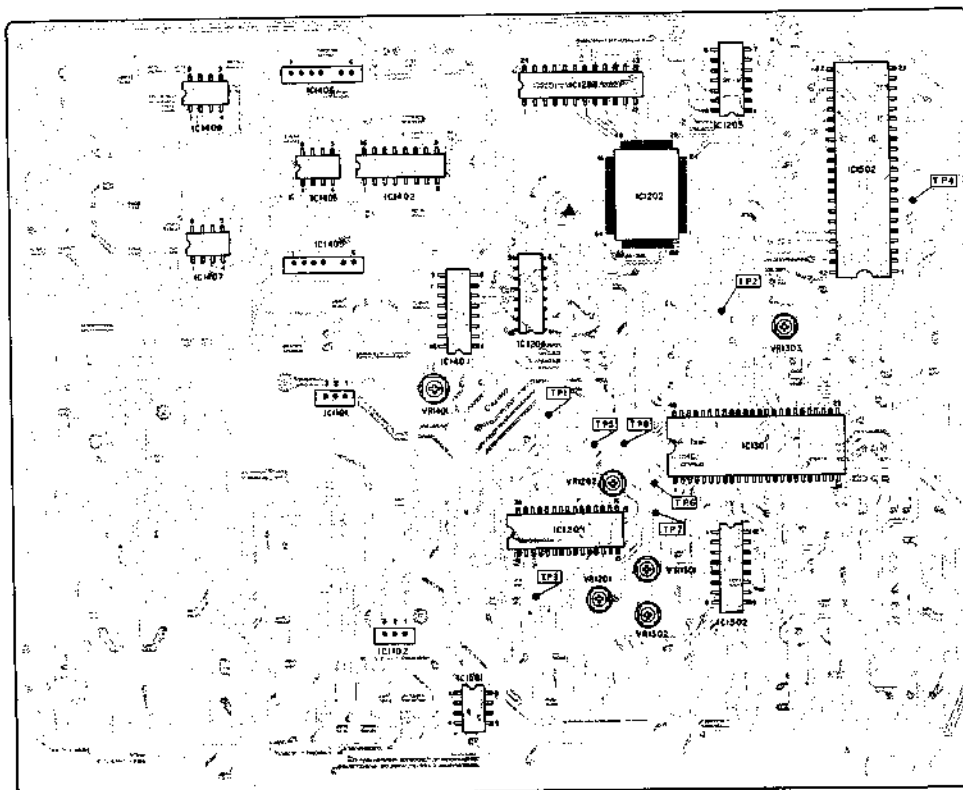
Adjustment Locations

(D-115) / (D-01) AD Model Only



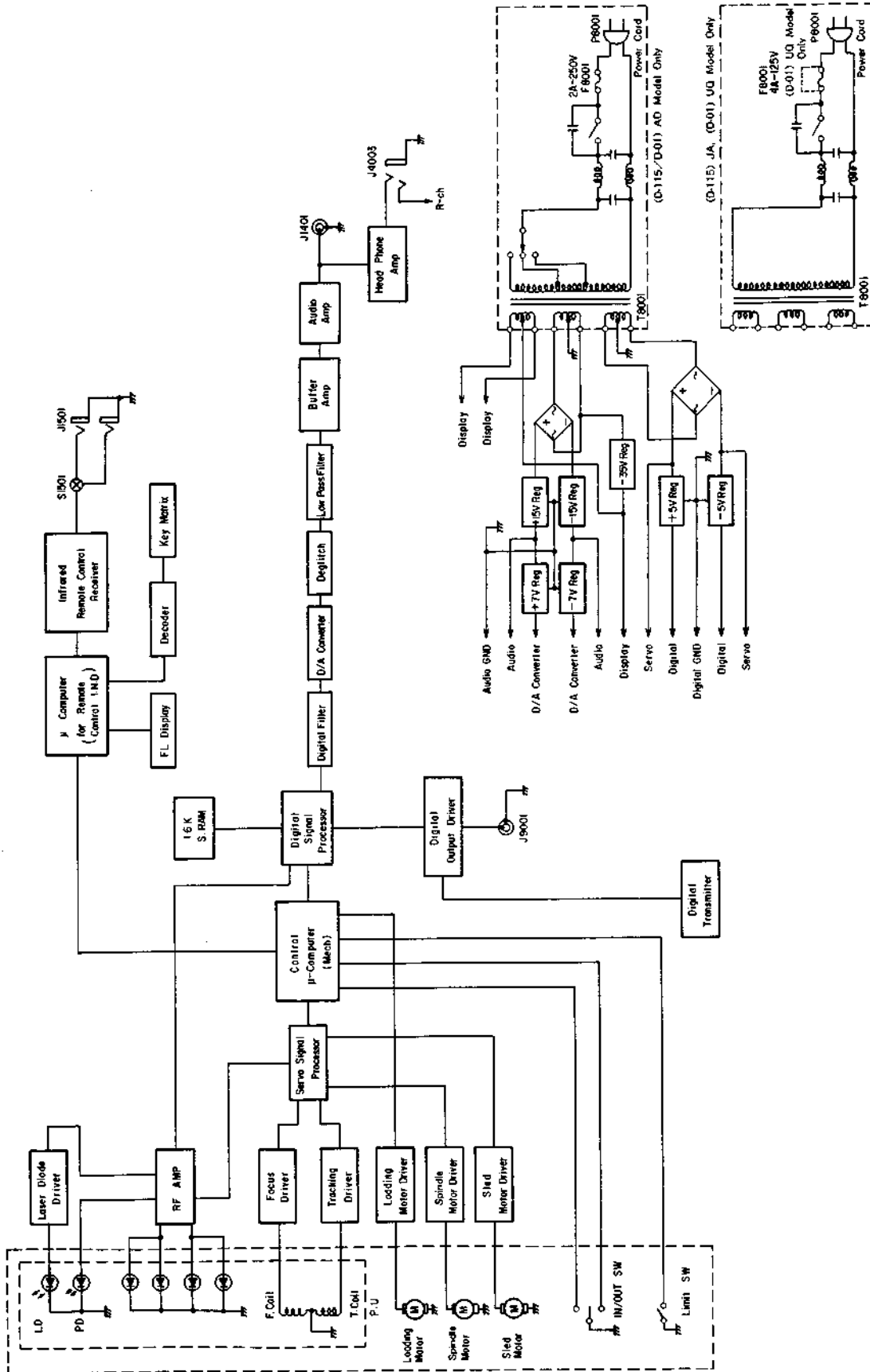
Main P. C. Board

(D-115) JA/ (D-01) UQ Model Only

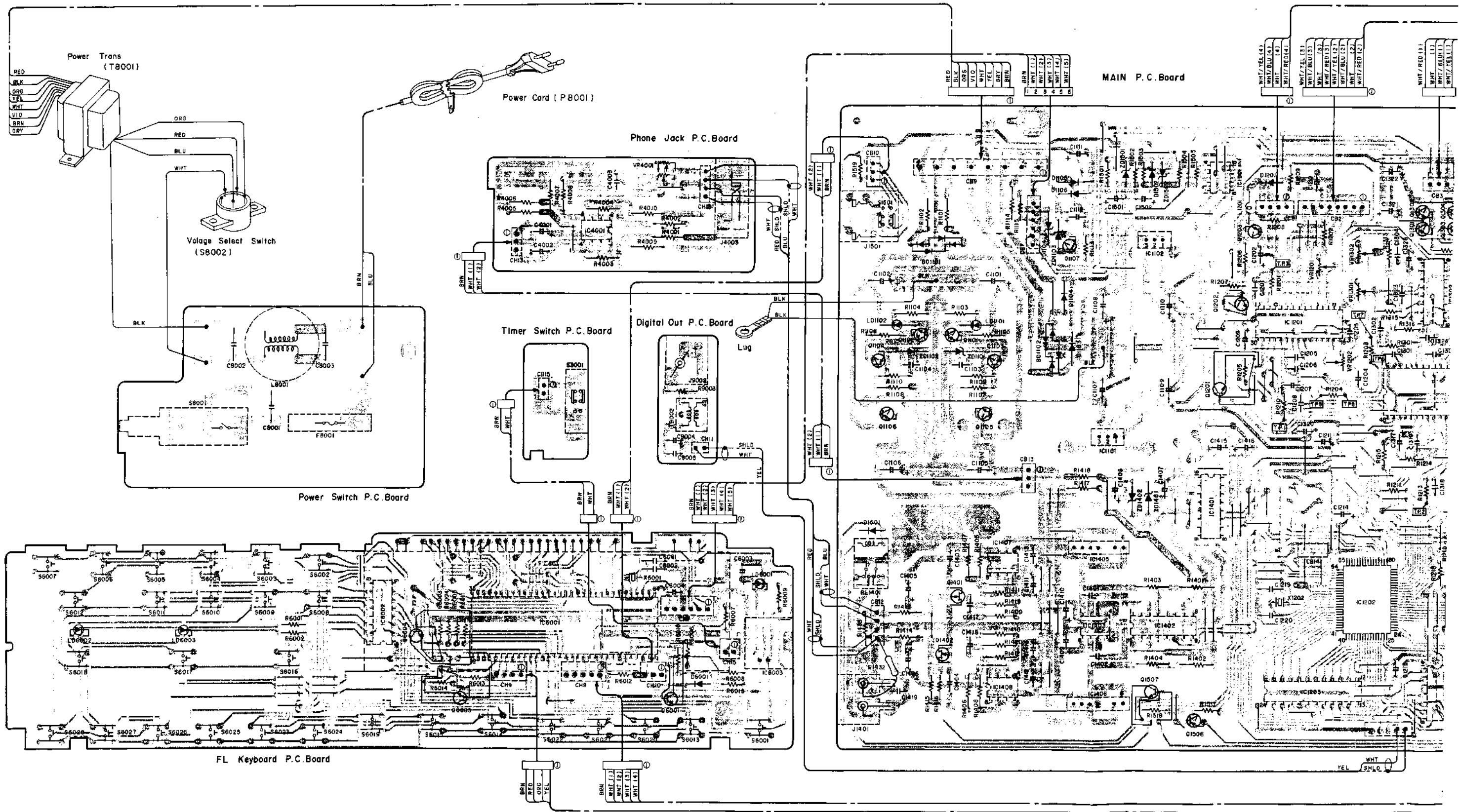


Main P. C. Board

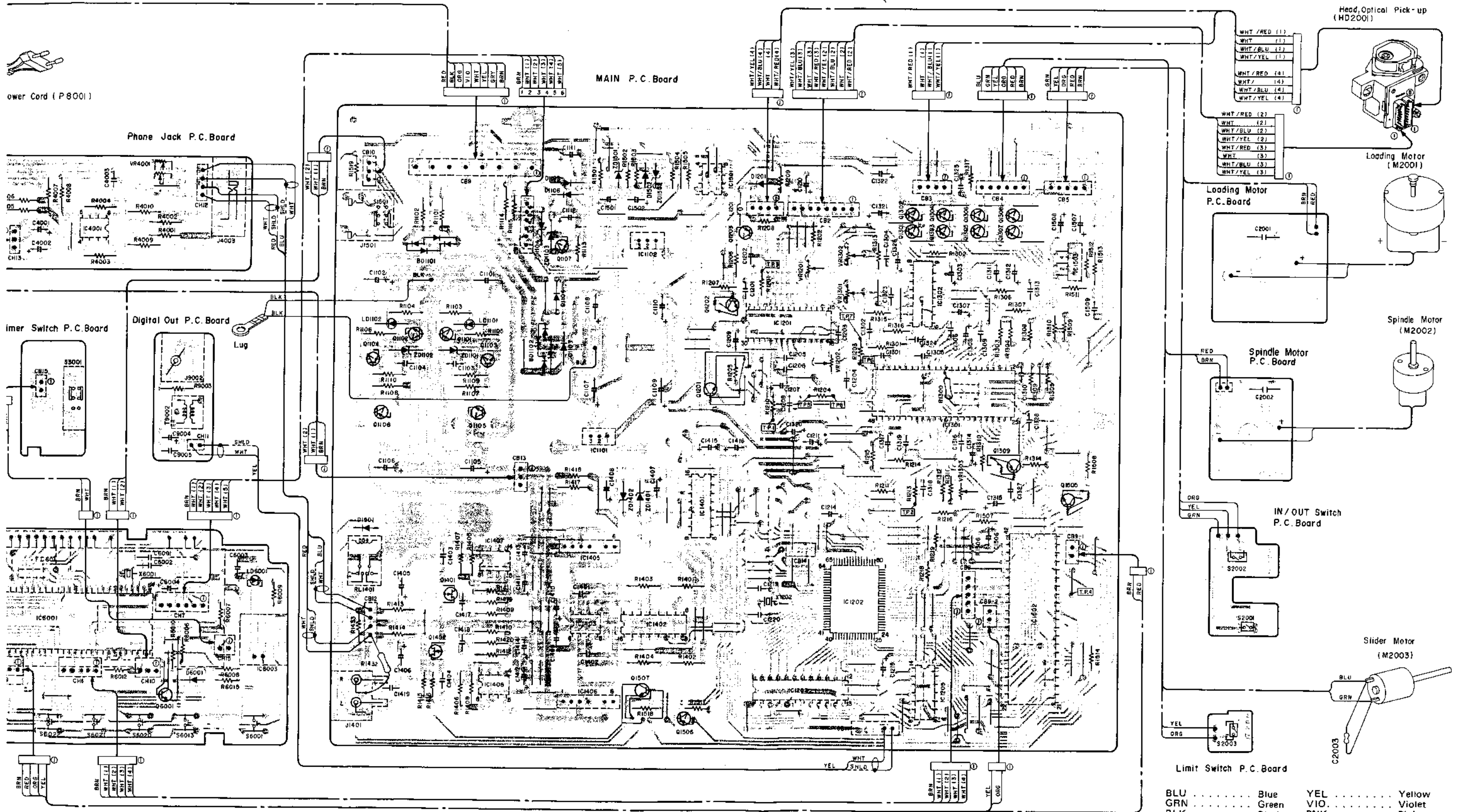
Block Diagram



Parts Layout on P.C. Boards and Wiring Diagram (D-115/D-01) AD Model Only

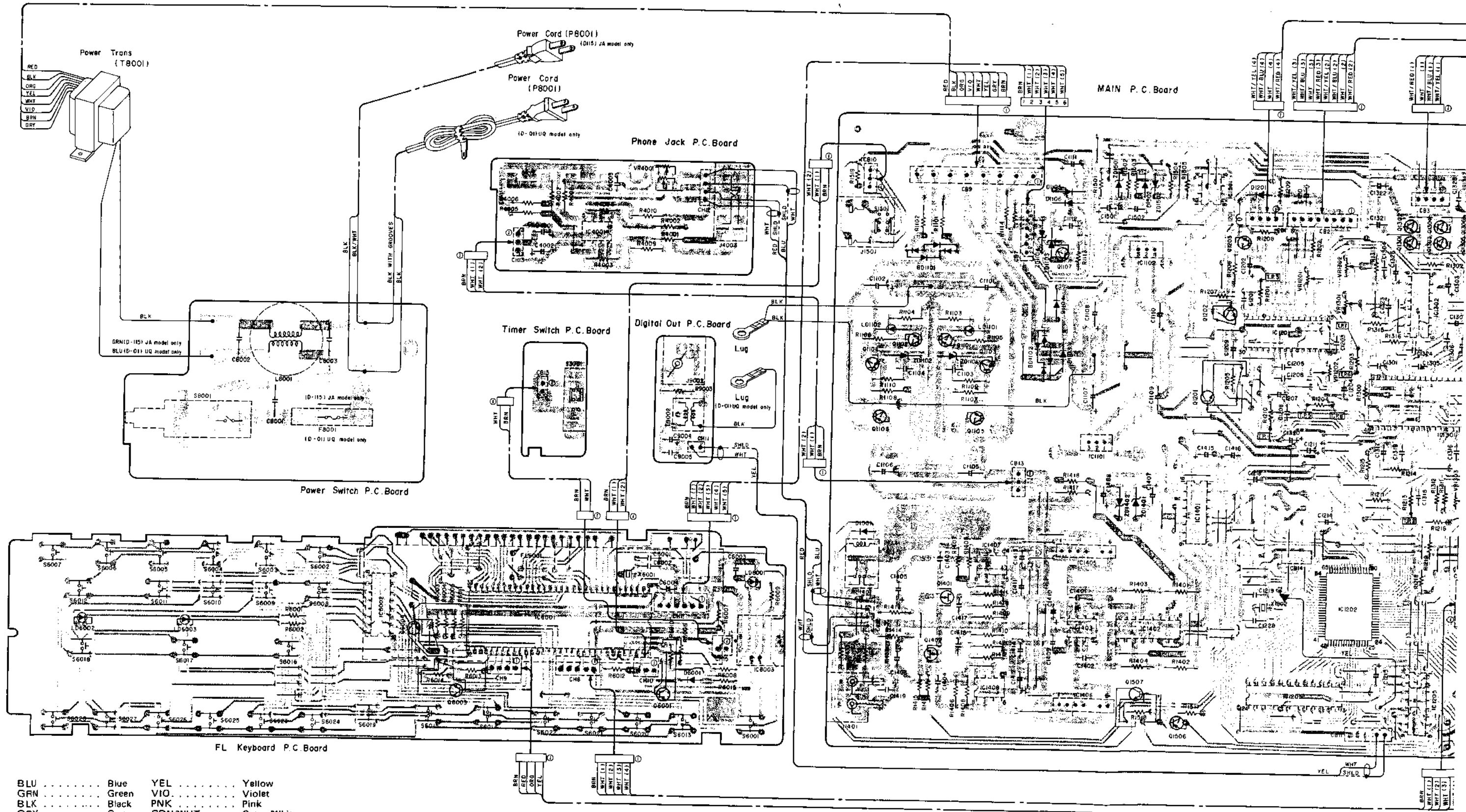


AD Model Only



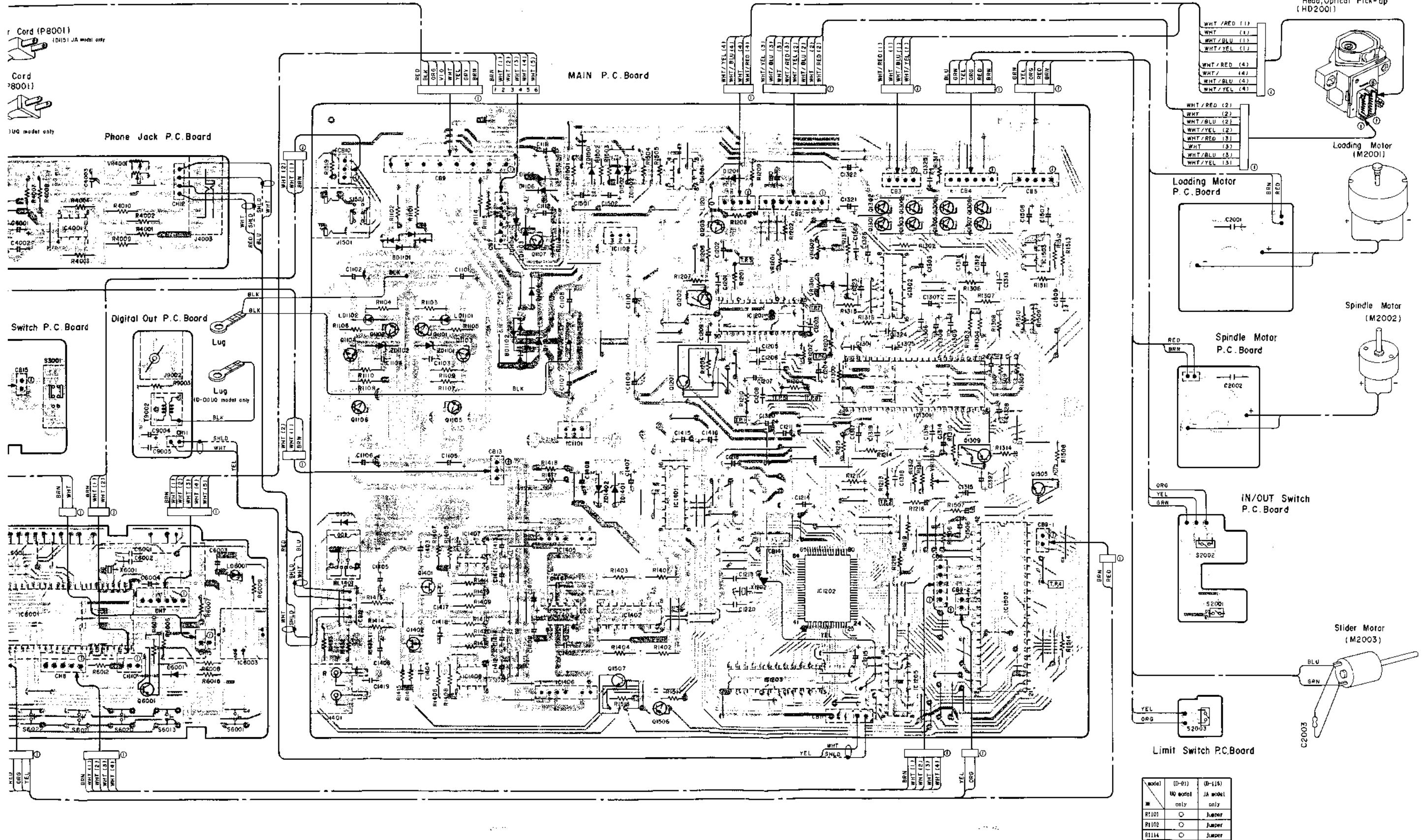
| | | | |
|-----|--------|---------|--------------|
| BLU | Blue | YEL | Yellow |
| GRN | Green | VIO | Violet |
| BLK | Black | PNK | Pink |
| GRY | Gray | GRN/WHT | Green/White |
| WHT | White | GRY/WHT | Gray/White |
| RED | Red | GRY/YEL | Gray/Yellow |
| BRN | Brown | GRN/YEL | Green/Yellow |
| ORG | Orange | SHLD | Shield |

Parts Layout on P.C. Boards and Wiring Diagram (D-115) JA / (D-01) UQ Model Only



| | | | |
|-----|--------|---------|--------------|
| BLU | Blue | YEL | Yellow |
| GRN | Green | VIO | Violet |
| BLK | Black | PNK | Pink |
| GRY | Gray | GRN/WHT | Green/White |
| WHT | White | GRY/WHT | Gray/White |
| RED | Red | GRY/YEL | Gray/Yellow |
| BRN | Brown | GRN/YEL | Green/Yellow |
| ORG | Orange | SHLD | Shield |

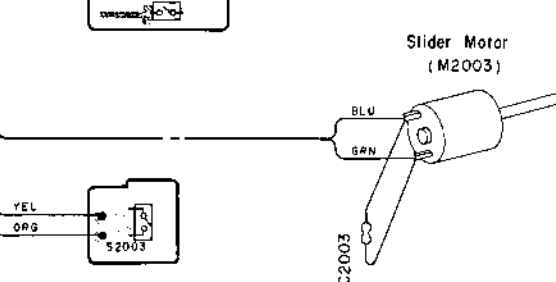
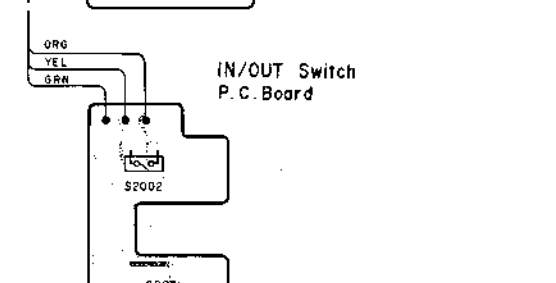
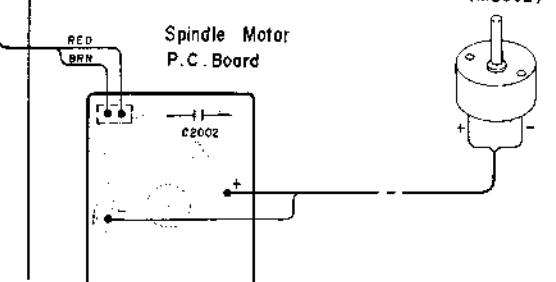
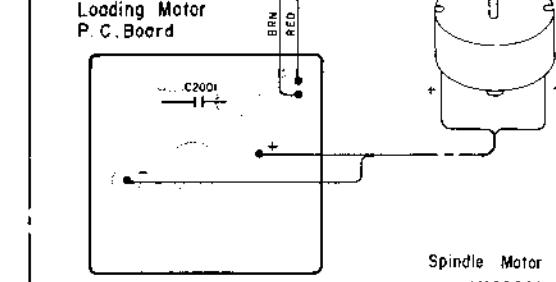
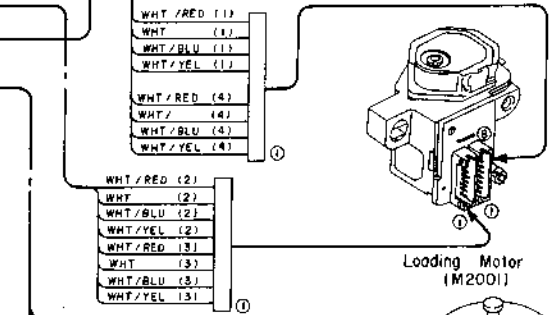
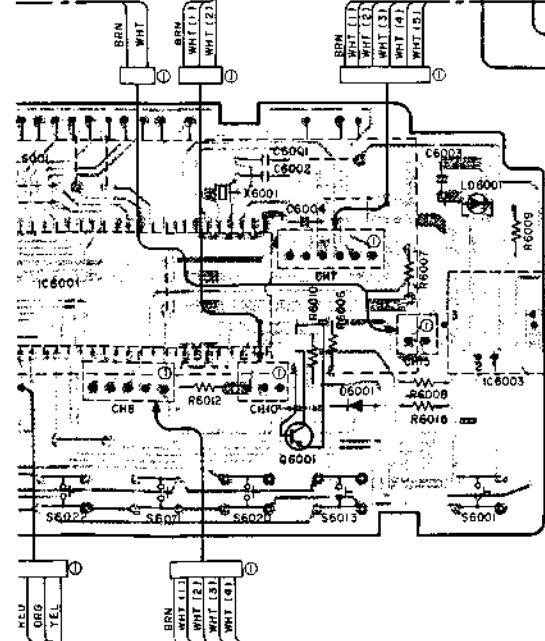
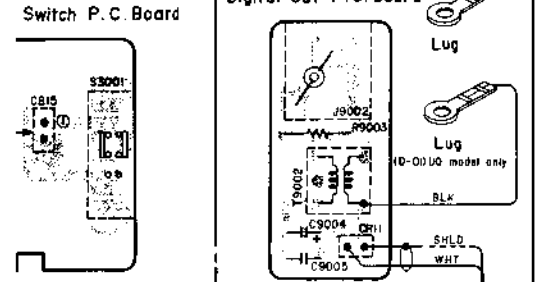
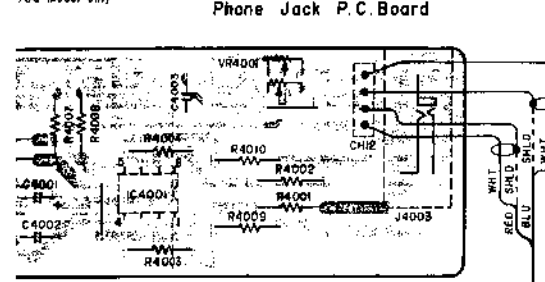
am (D-115) JA/ (D-01) UQ Model Only



Power Cord (P8001)
 (D-115 JA model only)

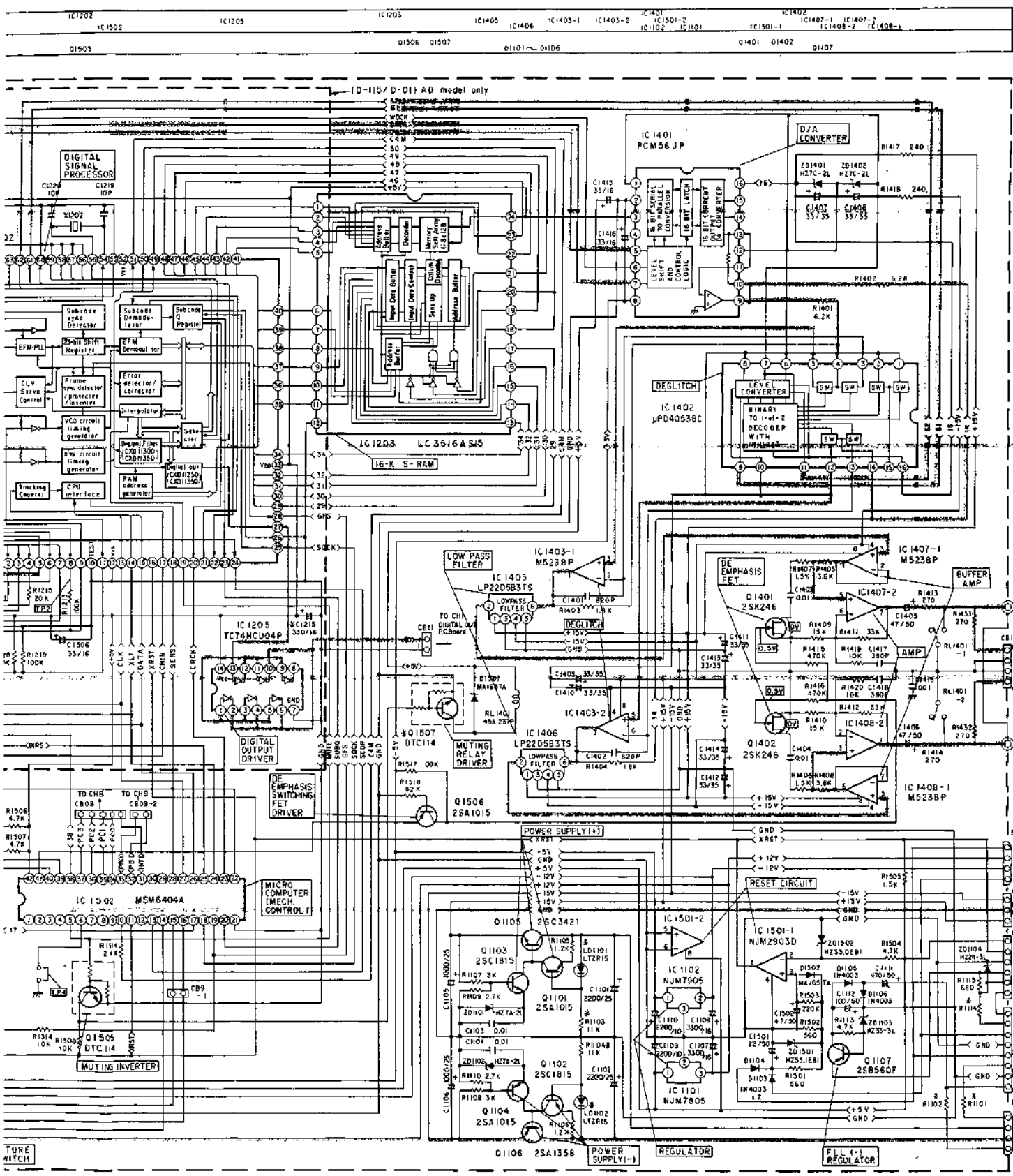
Cord (8001)

(UQ model only)

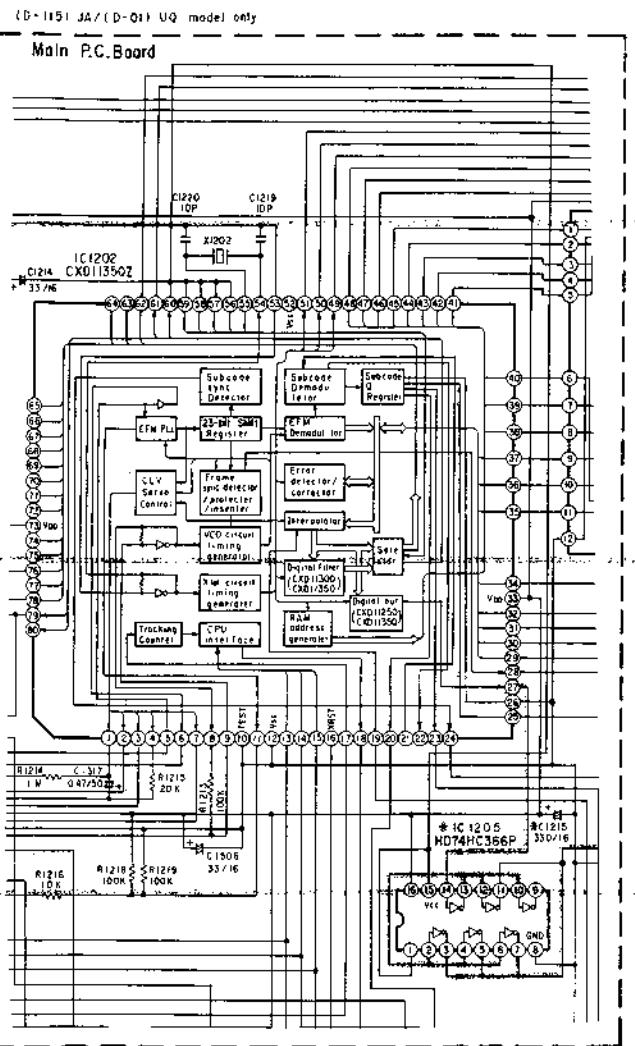


Limit Switch P.C. Board

| | | |
|----------|--------|---------------|
| Model | (D-01) | (D-115) |
| UQ model | only | JA model only |
| R1101 | ○ | Jumper |
| R1102 | ○ | Jumper |
| R1114 | ○ | Jumper |



NOTES:
 1. All resistance values are in ohms. K = 1,000
 2. All capacitance values are in microfarads. P = 1,000,000



| IC1202 | B | C | E |
|--------|-------|------|--------|
| Q1202 | 2.2V | 2V | 2.4V |
| Q1203 | 2.2V | 0V | 0V |
| Q1204 | 2.2V | 0V | 0V |
| Q1205 | 0.2V | 11V | 0.5V |
| Q1206 | 0.2V | -12V | 0.5V |
| Q1207 | 0V | 11V | 0V |
| Q1208 | 0V | -12V | 0V |
| Q1209 | 0.8V | 11V | 0.2V |
| Q1210 | 0.8V | -12V | 0.2V |
| Q1211 | 1.1V | 11V | 0.8V |
| Q1212 | 1.1V | -12V | 0.8V |
| Q1213 | 2.8V | 0V | 0V |
| Q1214 | 0V | 2.8V | 0V |
| Q1215 | 1.7V | 4.3V | 4.3V |
| Q1216 | 2.8V | 1V | 0V |
| Q1217 | 1.0V | 25V | 15.5V |
| Q1218 | 20.5V | 15V | 20.5V |
| Q1219 | 1.2V | 15V | 8.8V |
| Q1220 | -7.2V | 16V | -8.8V |
| Q1221 | 11V | -23V | -15V |
| Q1222 | 85V | -23V | -24.7V |

| IC1301 | 1 | -5V |
|--------|------|------|
| IC1408 | 0V | 0V |
| IC1407 | 0V | 5V |
| IC1408 | 0V | 0V |
| IC1409 | 0V | 5V |
| IC1410 | -15V | -15V |
| IC1411 | 0V | 0V |
| IC1412 | 0V | 0V |
| IC1413 | 0V | 0V |
| IC1414 | 0V | 0V |
| IC1415 | 0V | 0V |
| IC1416 | 0V | 0V |
| IC1417 | 0V | 0V |
| IC1418 | 0V | 0V |
| IC1419 | 0V | 0V |
| IC1420 | 0V | 0V |
| IC1421 | 0V | 0V |
| IC1422 | 0V | 0V |
| IC1423 | 0V | 0V |
| IC1424 | 0V | 0V |
| IC1425 | 0V | 0V |
| IC1426 | 0V | 0V |
| IC1427 | 0V | 0V |
| IC1428 | 0V | 0V |
| IC1429 | 0V | 0V |
| IC1430 | 0V | 0V |
| IC1431 | 0V | 0V |
| IC1432 | 0V | 0V |
| IC1433 | 0V | 0V |
| IC1434 | 0V | 0V |
| IC1435 | 0V | 0V |
| IC1436 | 0V | 0V |
| IC1437 | 0V | 0V |
| IC1438 | 0V | 0V |
| IC1439 | 0V | 0V |
| IC1440 | 0V | 0V |
| IC1441 | 0V | 0V |
| IC1442 | 0V | 0V |
| IC1443 | 0V | 0V |
| IC1444 | 0V | 0V |
| IC1445 | 0V | 0V |
| IC1446 | 0V | 0V |
| IC1447 | 0V | 0V |
| IC1448 | 0V | 0V |
| IC1449 | 0V | 0V |
| IC1450 | 0V | 0V |
| IC1451 | 0V | 0V |
| IC1452 | 0V | 0V |
| IC1453 | 0V | 0V |
| IC1454 | 0V | 0V |
| IC1455 | 0V | 0V |
| IC1456 | 0V | 0V |
| IC1457 | 0V | 0V |
| IC1458 | 0V | 0V |
| IC1459 | 0V | 0V |
| IC1460 | 0V | 0V |
| IC1461 | 0V | 0V |
| IC1462 | 0V | 0V |
| IC1463 | 0V | 0V |
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| IC1471 | 0V | 0V |
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| IC1489 | 0V | 0V |
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| IC1491 | 0V | 0V |
| IC1492 | 0V | 0V |
| IC1493 | 0V | 0V |
| IC1494 | 0V | 0V |
| IC1495 | 0V | 0V |
| IC1496 | 0V | 0V |
| IC1497 | 0V | 0V |
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| IC1499 | 0V | 0V |
| IC1500 | 0V | 0V |
| IC1501 | 0V | 0V |
| IC1502 | 0V | 0V |
| IC1503 | 0V | 0V |
| IC1504 | 0V | 0V |
| IC1505 | 0V | 0V |
| IC1506 | 0V | 0V |
| IC1507 | 0V | 0V |
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| IC1510 | 0V | 0V |
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| IC1518 | 0V | 0V |
| IC1519 | 0V | 0V |
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| IC1521 | 0V | 0V |
| IC1522 | 0V | 0V |
| IC1523 | 0V | 0V |
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| IC1541 | 0V | 0V |
| IC1542 | 0V | 0V |
| IC1543 | 0V | 0V |
| IC1544 | 0V | 0V |
| IC1545 | 0V | 0V |
| IC1546 | 0V | 0V |
| IC1547 | 0V | 0V |
| IC1548 | 0V | 0V |
| IC1549 | 0V | 0V |
| IC1550 | 0V | 0V |

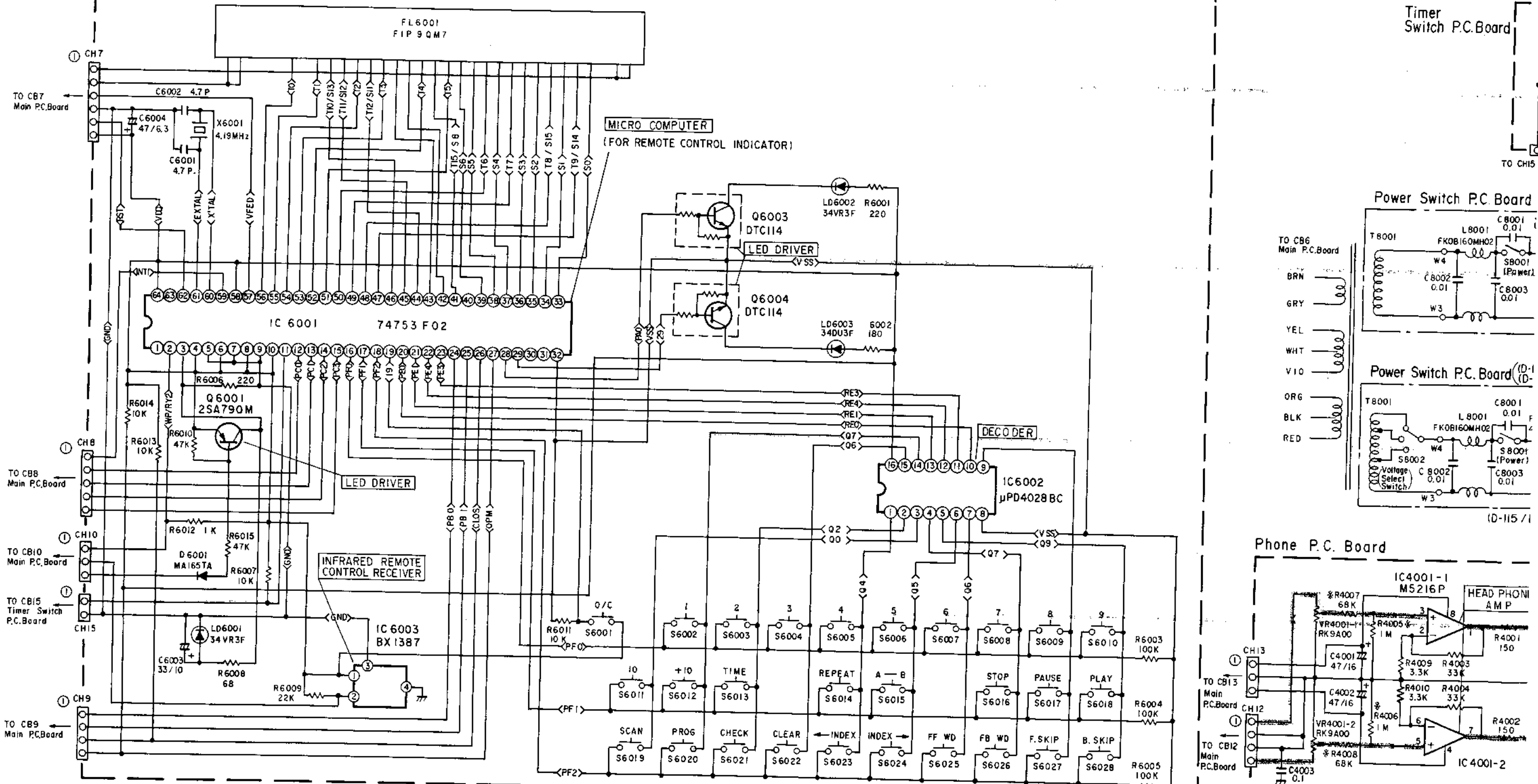
Measuring Conditions
 1. Power Supply Voltage
 :100V 50/60Hz (D-115) JA model only :20V,60Hz (D-01) UQ model only
 :120/220/240V, 50Hz (D-115/D-01) AD model only
 2. Measuring Meter
 : Multi Voltmeter
 3. Measuring Point Reference
 : Between Ground
 4. Measuring Condition
 : No Signal Input
 CD in play Condition

D-115/D-01

Schematic Diagram (2/2)

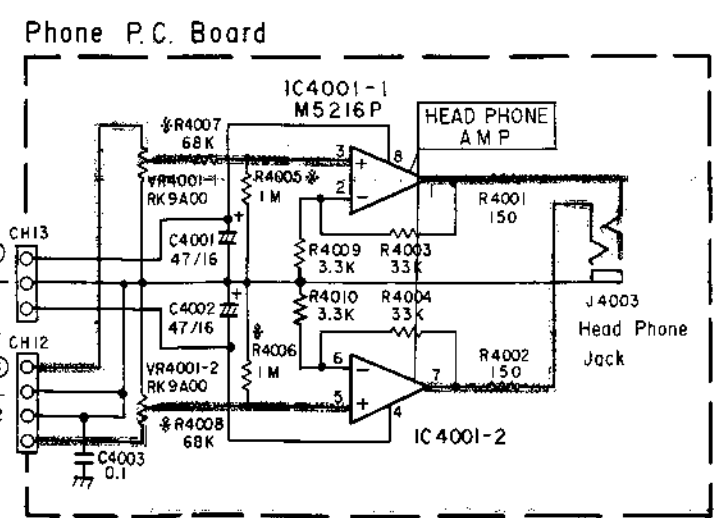
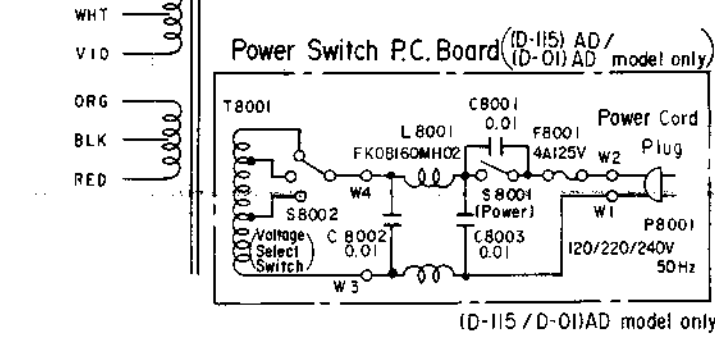
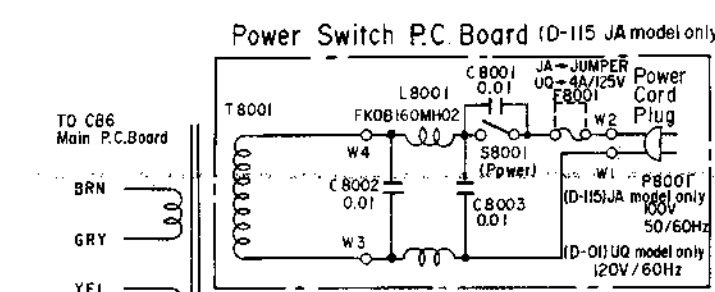
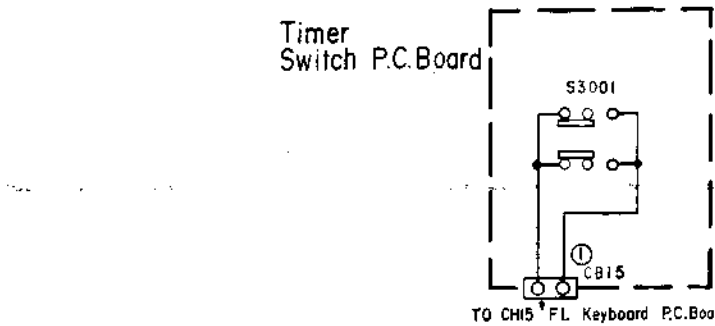
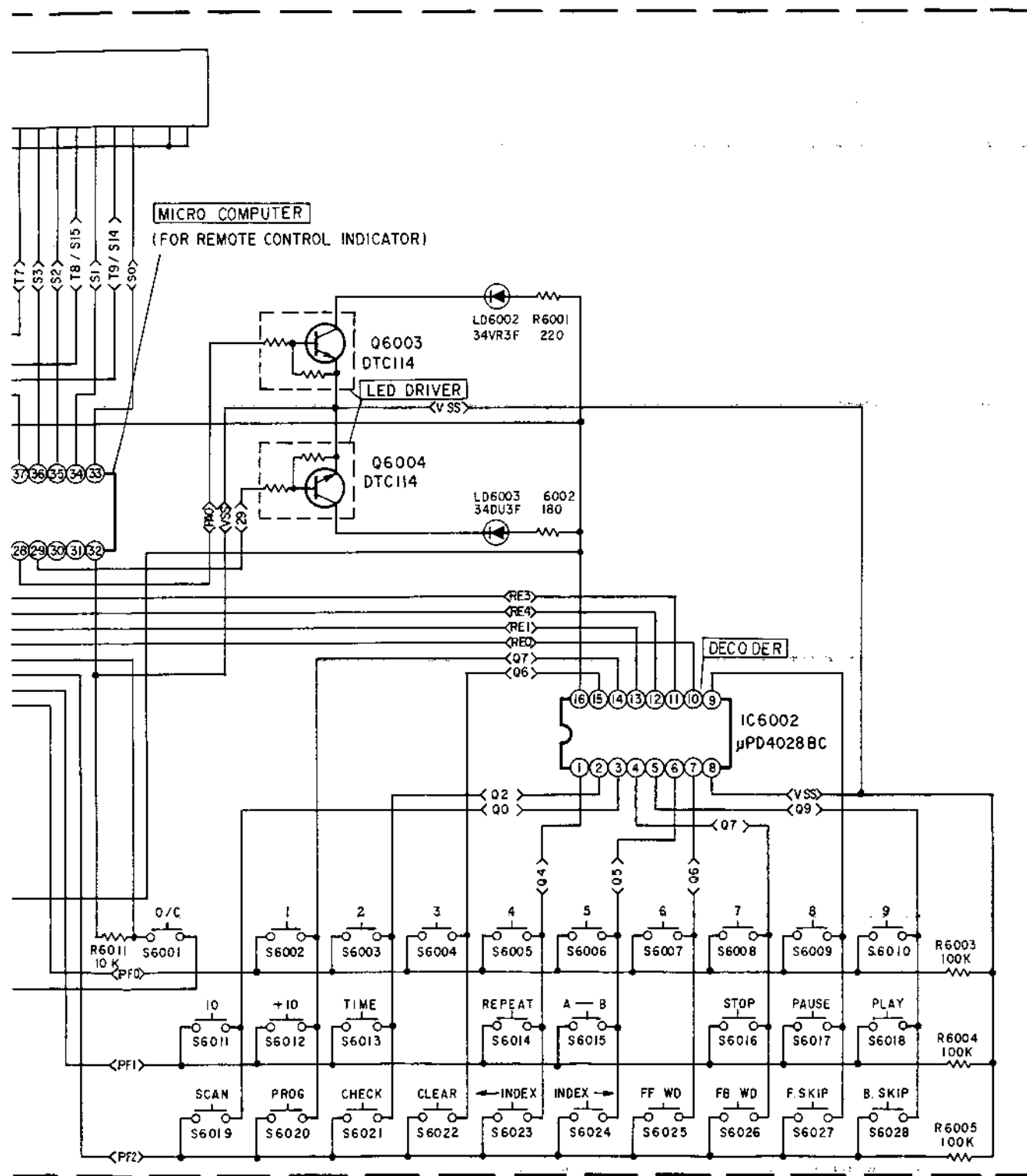
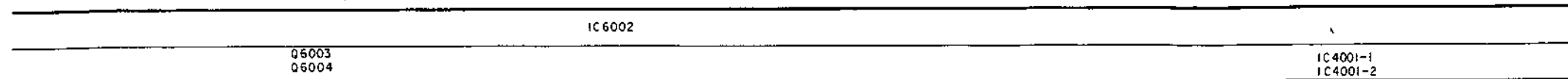
| | | | | |
|----------------|--------|--------|----------|----------|
| IC | IC6001 | IC6002 | IC4001-1 | IC4001-2 |
| Transistor (Q) | Q6001 | Q6003 | Q6004 | Q6004 |

FL Keyboard P.C. Board



- NOTES:**
1. All resistance values are in ohms. K = 1,000
 2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

D-115 / D-01



| | B | C | E |
|-------|----|------|----|
| Q6003 | 5V | 0V | 0V |
| Q6004 | 0V | 8.7V | 0V |
| Q6001 | 5V | 0V | 5V |

IC 6001

| | | | |
|----|----|----|------|
| 1 | 0V | 33 | PS |
| 2 | 5V | 34 | PS |
| 3 | 0V | 35 | PS |
| 4 | 5V | 36 | PS |
| 5 | 0V | 37 | PS |
| 6 | 0V | 38 | PS |
| 7 | 0V | 39 | PS |
| 8 | 5V | 40 | PS |
| 9 | 0V | 41 | PS |
| 10 | 5V | 42 | PS |
| 11 | 5V | 43 | PS |
| 12 | 0V | 44 | PS |
| 13 | 5V | 45 | PS |
| 14 | 5V | 46 | PS |
| 15 | 5V | 47 | PS |
| 16 | 0V | 48 | PS |
| 17 | 0V | 49 | PS |
| 18 | 0V | 50 | PS |
| 19 | 0V | 51 | PS |
| 20 | 0V | 52 | PS |
| 21 | 0V | 53 | PS |
| 22 | 0V | 54 | PS |
| 23 | 0V | 55 | PS |
| 24 | 5V | 56 | PS |
| 25 | 5V | 57 | 0V |
| 26 | 5V | 58 | 5V |
| 27 | 0V | 59 | 5V |
| 28 | 5V | 60 | 2.2V |
| 29 | 0V | 61 | 0V |
| 30 | 0V | 62 | 5V |
| 31 | 0V | 63 | 0V |
| 32 | 0V | 64 | 5V |

IC 4001

| | |
|---|------|
| 1 | 0V |
| 2 | 0V |
| 3 | 0V |
| 4 | -15V |
| 5 | 0V |
| 6 | 0V |
| 7 | 0V |
| 8 | +15V |

IC 6002

| | | | |
|---|----|----|----|
| 1 | 0V | 9 | 0V |
| 2 | 0V | 10 | 0V |
| 3 | 5V | 11 | 0V |
| 4 | 0V | 12 | 0V |
| 5 | 0V | 13 | 0V |
| 6 | 0V | 14 | 0V |
| 7 | 0V | 15 | 0V |
| 8 | 0V | 16 | 5V |

| model | (D-115) JA model | (D-115) AD model | (D-01) AD model | (D-01) UQ model |
|-------|------------------|------------------|-----------------|-----------------|
| * | only(●) | only(■) | only(▲) | only(★) |
| R4007 | 3.3k Ω | 68k Ω | 68k Ω | 3.3k Ω |
| R4008 | 3.3k Ω | 68k Ω | 68k Ω | 3.3k Ω |
| R4005 | 820k Ω | 1M Ω | 1M Ω | 820k Ω |
| R4006 | 820k Ω | 1M Ω | 1M Ω | 820k Ω |

Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.
 uF = microfarads, pF = picofarads

| Abbreviations | | | | Symbol No. | Part No. | Description |
|-------------------------|---------------------|-------------|--|-------------|-------------|--------------------|
| RES. = Resistor | CAP. = Capacitor | | | Q1301 | 48T84238F04 | 2SB1240 |
| C.F. = Carbon Film | ELY. = Electrolytic | | | Q1302 | 48T83834F04 | 2SD1862 |
| M.F. = Metal Film | CER. = Ceramic | | | Q1303 | 48T84238F04 | 2SB1240 |
| M.O. = Metal Oxide Film | MYL. = Mylar | | | Q1304 | 48T83834F04 | 2SD1862 |
| M.P. = Metal Plate | TAN. = Tantalum | | | Q1305 | 48T84238F04 | 2SB1240 |
| TR. = Transistor | POLY. = Polystyrol | | | Q1306 | 48T83834F04 | 2SD1862 |
| TRANS. = Transformer | PP. = Polypropylene | | | Q1307 | 48T84238F04 | 2SB1240 |
| CP. = Chip | PLT. = Polyethylene | | | Q1308 | 48T83834F04 | 2SD1862 |
| | | | | Q1309 | 48T62965F02 | DTC114 |
| | | | | Q1401 | 48T66948F01 | FET, 2SK246 |
| | | | | Q1402 | 48T66948F01 | FET, 2SK246 |
| | | | | Q1505 | 48T62965F02 | DTC114 |
| | | | | Q1506 | 48T51118F02 | 2SA1015 |
| | | | | ● Q1507 | 48T57305F04 | 2SD1302 |
| | | | | ■ Q1507 | 48T62965F02 | DTC114 |
| | | | | ▲ Q1507 | 48T62965F02 | DTC114 |
| | | | | ★ Q1507 | 48T57305F04 | 2SD1302 |
| Main P. C. Board | | | | Diodes/LEDs | | |
| IC's | | | | D1103 | 48S40477U01 | IN4003 |
| IC1101 | 51T80338F01 | NJM7805 | | D1104 | 48S40477U01 | IN4003 |
| IC1102 | 51T80339F01 | NJM7905 | | D1105 | 48S40477U01 | IN4003 |
| IC1201 | 51T84721F01 | CXA1081S | | D1106 | 48S40477U01 | IN4003 |
| IC1202 | 51T84719F01 | CXD1135QZ | | D1201 | 48T44813F01 | MA165TA |
| IC1203 | 51T84723F01 | LC3516AS-15 | | D1501 | 48T44813F01 | MA165TA |
| ● IC1205 | 51T93405F01 | HD74HC366P | | D1502 | 48T44813F01 | MA165TA |
| ■ IC1205 | 51T80475F01 | TC74HCU04P | | ● LD1101 | 48T52953F03 | LED, BR5507S (RED) |
| ▲ IC1205 | 51T80475F01 | TC74HCU04P | | ■ LD1101 | 48T60971F01 | LED, LTZ-R15 (RED) |
| ★ IC1205 | 51T93405F01 | HD74HC366P | | ▲ LD1101 | 48T60971F01 | LED, LTZ-R15 (RED) |
| IC1301 | 51T84722F01 | CXA1082AS | | ★ LD1101 | 48T52953F03 | LED, BR5507S (RED) |
| | | | | ● LD1102 | 48T52953F03 | LED, BR5507S (RED) |
| IC1302 | 51T68388F01 | TC4053BP | | ■ LD1102 | 48T60971F01 | LED, LTZ-R15 (RED) |
| IC1401 | 51T80318F01 | PCM56JP | | ▲ LD1102 | 48T60971F01 | LED, LTZ-R15 (RED) |
| IC1402 | 51T67480F01 | μ PD4053BC | | ★ LD1102 | 48T52953F03 | LED, BR5507S |
| IC1403 | 51T80136F01 | M5238P | | ZD1101 | 48T52741F11 | Zener, HZ7A-2L |
| IC1405 | 51T84726F02 | LP20D583TS | | ZD1102 | 48T52741F11 | Zener, HZ7A-2L |
| IC1406 | 51T84726F02 | LP20D683TS | | ZD1103 | 48T52741F72 | Zener, HZ33-3L |
| IC1407 | 51T80136F01 | M5238P | | ZD1104 | 48T52741F63 | Zener, HZ24-3L |
| IC1408 | 51T80136F01 | M5238P | | ZD1401 | 48T52741F17 | Zener, HZ7C-2L |
| IC1501 | 51T64227F01 | NJM2903D | | ZD1402 | 48T52741F17 | Zener, HZ7C-2L |
| IC1502 | 51T84725F01 | MSM6404A | | ZD1501 | 48T68697F17 | Zener, HZ55. 1EB1 |
| IC1503 | 51T91028F01 | LA6500 | | ZD1502 | 48T68697F03 | Zener, HZ53. 0EB1 |
| Transistors | | | | ● BD1101 | 48T62282F02 | Bridge UB152 |
| Q1101 | 48T51118F02 | 2SA1015 | | ■ BD1101 | 48T62282F01 | Bridge UB152 |
| Q1102 | 48S43525F03 | 2SC1815 | | | | |
| Q1103 | 48S43525F03 | 2SC1815 | | | | |
| Q1104 | 48T51118F02 | 2SA1015 | | | | |
| Q1105 | 48T69176F02 | 2SC3421 | | | | |
| Q1106 | 48T69177F02 | 2SA1358 | | | | |
| Q1107 | 48T58775F02 | 2SB560 | | | | |
| Q1201 | 48T62965F02 | DTC114 | | | | |
| Q1202 | 48T62965F02 | DTC114 | | | | |
| Q1203 | 48T58775F02 | 2SB560 | | | | |

Notes: ● : Japanese model (D-115) only (JA), ■ : West German model (D-115) only (AD), ▲ : West German model (D-01) only (AD), ★ : Canadian model (D-01) only (UQ), Others : Common.

| Symbol No. | Part No. | Description | | | Symbol No. | Part No. | Description | | |
|---------------|----------|-------------|--|--|------------|----------|-------------|--|--|
| ▲ | BD1101 | 48T62282F01 | Bridge UB152 | | | | | | |
| ★ | BD1101 | 48T62282F02 | Bridge UB152 | | | | | | |
| ● | BD1102 | 48T62282F02 | Bridge UB152 | | | | | | |
| ■ | BD1102 | 48T62282F01 | Bridge UB152 | | | | | | |
| ▲ | BD1102 | 48T62282F01 | Bridge UB152 | | | | | | |
| ★ | BD1102 | 48T62282F02 | Bridge UB152 | | | | | | |
| Coil | | | | | | | | | |
| | L1201 | 24T50508F22 | Inductor 10 μ H | | | | | | |
| Relay/Crystal | | | | | | | | | |
| | RL1401 | 80T68404F02 | Relay, G5A 237P-5V | | | | | | |
| | X1202 | 48T84727F01 | Crystal, 16.9344MHz | | | | | | |
| Jacks | | | | | | | | | |
| ● | J1401 | 09T84616F01 | Plate, Phono (OUTPUT L/R) | | | | | | |
| ■ | J1401 | 09T84616F01 | Plate, Phono | | | | | | |
| ▲ | J1401 | 09T84616F01 | Plate, Phono | | | | | | |
| ★ | J1401 | 09T84616F02 | Plate, Phono | | | | | | |
| | J1501 | 09T84124F01 | Jack, Head Phone (SERIAL REMOTE IN /OUT) | | | | | | |
| | S1501 | | | | | | | | |
| Capacitors | | | | | | | | | |
| | C1101 | 23T00136L47 | ELY., 2200 μ F/25V | | | | | | |
| | C1102 | 23T00136L47 | ELY., 2200 μ F/25V | | | | | | |
| | C1103 | 08T57705F79 | MYL., 0.1 μ F | | | | | | |
| | C1104 | 08T57705F79 | MYL., 0.1 μ F | | | | | | |
| | C1105 | 23T00136L46 | ELY., 1000 μ F/25V | | | | | | |
| | C1106 | 23T00136L46 | ELY., 1000 μ F/25V | | | | | | |
| | C1107 | 23T00136L35 | ELY., 3300 μ F/16V | | | | | | |
| | C1108 | 23T00136L35 | ELY., 3300 μ F/16V | | | | | | |
| | C1109 | 23T00136L21 | ELY., 2200 μ F/10V | | | | | | |
| | C1110 | 23T00136L21 | ELY., 2200 μ F/10V | | | | | | |
| | C1111 | 23T00134L74 | ELY., 470 μ F/50V | | | | | | |
| | C1112 | 23T00138L53 | ELY., 100 μ F/50V | | | | | | |
| | C1201 | 08T57705F61 | MYL., 3300pF | | | | | | |
| | C1202 | 23T00138L21 | ELY., 100 μ F/16V | | | | | | |
| | C1203 | 08T57705F73 | MYL., 0.033 μ F | | | | | | |
| | C1204 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1205 | 08T57705F67 | MYL., 0.01 μ F | | | | | | |
| | C1206 | 08T57705F67 | MYL., 0.01 μ F | | | | | | |
| | C1207 | 23T00138L44 | ELY., 0.47 μ F/50V | | | | | | |
| | C1208 | 08T57705F67 | MYL., 0.01 μ F | | | | | | |
| | C1209 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1210 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1211 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1214 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| ● | C1215 | 23T00134L36 | ELY., 1000 μ F/16V | | | | | | |
| ■ | C1215 | 23T00134L34 | ELY., 330 μ F/16V | | | | | | |
| ▲ | C1215 | 23T00134L34 | ELY., 330 μ F/16V | | | | | | |
| ★ | C1215 | 23T00134L36 | ELY., 1000 μ F/16V | | | | | | |
| | C1219 | 08T55260F13 | CER., 10pF | | | | | | |
| | C1220 | 08T55260F13 | CER., 10pF | | | | | | |
| | C1301 | 08T57705F63 | MYL., 4700pF | | | | | | |
| ● | C1303 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| ■ | C1303 | 23T00138L44 | ELY., 0.47 μ F/50V | | | | | | |
| ▲ | C1303 | 23T00138L44 | ELY., 0.47 μ F/50V | | | | | | |
| ★ | C1303 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1304 | 08T57705F59 | MYL., 2200pF | | | | | | |
| | C1305 | 08T57705F79 | MYL., 0.1 μ F | | | | | | |
| | C1306 | 08T57705F73 | MYL., 0.033 μ F | | | | | | |
| | C1307 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1308 | 23T00138L48 | ELY., 4.7 μ F/50V | | | | | | |
| | C1309 | 08T57705F79 | MYL., 0.1 μ F | | | | | | |
| | C1310 | 08T57705F67 | MYL., 0.01 μ F | | | | | | |
| | C1311 | 23T00138L18 | ELY., 22 μ F/16V | | | | | | |
| | C1312 | 23T00138L47 | ELY., 3.3 μ F/50V | | | | | | |
| | C1313 | 08T57705F69 | MYL., 0.015 μ F | | | | | | |
| | C1314 | 23T00138L48 | ELY., 4.7 μ F/50V | | | | | | |
| | C1315 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1316 | 08T57705F63 | MYL., 4700pF | | | | | | |
| | C1317 | 23T00138L44 | ELY., 0.47 μ F/50V | | | | | | |
| | C1318 | 08T57705F55 | MYL., 1000pF | | | | | | |
| | C1319 | 08T57705F73 | MYL., 0.033 μ F | | | | | | |
| | C1320 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1321 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1322 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| | C1323 | 08T57851F21 | TF., 0.47 μ F | | | | | | |
| | C1324 | 08T57851F21 | TF., 0.47 μ F | | | | | | |
| | C1325 | 08T80673F11 | TF., 0.088 μ F | | | | | | |
| | C1326 | 23T00138L19 | ELY., 33 μ F/16V | | | | | | |
| ● | C1327 | 23T00136L60 | ELY., 1 μ F/50V | | | | | | |
| ■ | C1327 | 23T00138L45 | ELY., 1 μ F/50V | | | | | | |
| ▲ | C1327 | 23T00138L45 | ELY., 1 μ F/50V | | | | | | |
| ★ | C1327 | 23T00136L60 | ELY., 1 μ F/50V | | | | | | |
| | C1328 | 08T57298F01 | CER., 0.1 μ F | | | | | | |
| | C1401 | 08T52448F11 | PP., 820pF | | | | | | |
| | C1402 | 08T52448F11 | PP., 820pF | | | | | | |

Notes: ●: Japanese model (D-115) only (JA), ■: West German model (D-115) only (AD),
▲: West German model (D-01) only (AD), ★: Canadian model (D-01) only (UQ), Others: Common.

| Symbol No. | Part No. | Description | | | Symbol No. | Part No. | Description | | |
|--|-------------|---------------------------|--|--|-------------------------|-------------|----------------------|--|--|
| C1403 | 08T57851F01 | TF., 0.01 μ F | | | Headphone P. C. Board | | | | |
| C1404 | 08T57851F01 | TF., 0.01 μ F | | | IC | | | | |
| C1405 | 23T00138F52 | ELY., 47 μ F/50V | | | IC4001 | 51T81896F01 | M5216P | | |
| C1406 | 23T00138L52 | ELY., 47 μ F/50V | | | Jacks | | | | |
| C1407 | 23T00138L38 | ELY., 33 μ F/35V | | | ● J4003 | 09T74077F01 | Phones (PHONE) | | |
| C1408 | 23T00138L38 | ELY., 33 μ F/35V | | | ■ J4003 | 09T74077F01 | Phones (PHONE) | | |
| C1409 | 23T00138L38 | ELY., 33 μ F/35V | | | ▲ J4003 | 09T74077F01 | Phones (PHONE) | | |
| C1410 | 23T00138L38 | ELY., 33 μ F/35V | | | ★ J4003 | 09T66672F01 | Phones (PHONE) | | |
| C1411 | 23T00138L38 | ELY., 33 μ F/35V | | | Capacitors | | | | |
| C1412 | 23T00138L38 | ELY., 33 μ F/35V | | | C4001 | 23T00138L20 | ELY., 47 μ F/16V | | |
| C1413 | 23T00138L38 | ELY., 33 μ F/35V | | | C4002 | 23T00138L20 | ELY., 47 μ F/16V | | |
| C1414 | 23T00138L38 | ELY., 33 μ F/35V | | | C4003 | 08T57298F01 | CER., 0.1 μ F | | |
| C1415 | 23T00138L19 | ELY., 33 μ F/16V | | | FL keyboard P. C. Board | | | | |
| C1416 | 23T00138L19 | ELY., 33 μ F/16V | | | IC's | | | | |
| C1417 | 08T52448F03 | PP., 390pF | | | IC6001 | 51T74753F02 | 74753F02 | | |
| C1418 | 08T52448F03 | PP., 390pF | | | IC6002 | 51T51507F01 | μ PD4028BC | | |
| C1419 | 08S40805F19 | CER., 0.01 μ F | | | IC6003 | 51T84120F01 | BX1387 | | |
| C1501 | 23T00138L50 | ELY., 22 μ F/50V | | | Transistors | | | | |
| C1502 | 23T00138L48 | ELY., 4.7 μ F/50V | | | ● Q6001 | 48T64382F03 | 2SA790 | | |
| C1506 | 23T00138L19 | ELY., 33 μ F/16V | | | ■ Q6001 | 48T64382F01 | 2SA790 | | |
| C1507 | 23T00138L19 | ELY., 33 μ F/16V | | | ▲ Q6001 | 48T64382F01 | 2SA790 | | |
| C1508 | 23T00138L19 | ELY., 33 μ F/16V | | | ★ Q6001 | 48T82763F02 | DTC114EL | | |
| C1509 | 08T80673F13 | TF., 0.1 μ F | | | ● Q6003 | 48T82763F02 | DTC114EL | | |
| Resistors (All resistors are Metal Film 1/4W \pm 5% unless otherwise noted.) | | | | | | | | | |
| ■ R1101 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ▲ R1101 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ★ R1101 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ■ R1102 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ▲ R1102 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ★ R1102 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ■ R1114 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ▲ R1114 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| ★ R1114 | 06T66931F04 | MF., 2 ohm | | | | | | | |
| VR1201 | 18B44064J10 | Variable 22K ohm 1/2W | | | | | | | |
| VR1202 | 18B44064J10 | Variable 22K ohm 1/2W | | | | | | | |
| VR1301 | 18B44064J10 | Variable 22K ohm 1/2W | | | | | | | |
| VR1302 | 18B44064J10 | Variable 22K ohm 1/2W | | | | | | | |
| VR1303 | 18B44064J08 | Variable 2.2K ohm 1/2W | | | | | | | |

Notes: ● : Japanese model (D-115) only (JA), ■ : West German model (D-115) only (AD),
▲ : West German model (D-01) only (AD), ★ : Canadian model (D-01) only (UQ), Others : Common.

| Symbol No. | Part No. | Description | | | Symbol No. | Part No. | Description | | |
|------------|-------------|-----------------------|--|--|--------------------------|-------------|--------------------------------------|--|--|
| Diode/LEDs | | | | | Crystal/Capacitors | | | | |
| D6001 | 48T44813F01 | MA165TA | | | X6001 | 91T60592F02 | Crystal, Lock, 4.19MHz | | |
| LD6001 | 48T60947F05 | LED, SLH-34VR3F (RED) | | | C6001 | 08T55260F09 | CER., 4.7pF | | |
| LD6002 | 48T60947F05 | LED, SLH-34VR3F (RED) | | | C6002 | 08T55260F09 | CER., 4.7pF | | |
| LD6003 | 48T60947F07 | LED, SLH-34DU3F (ORG) | | | C6003 | 23S57422F12 | ELY., 33 μ F/10V | | |
| | | | | | C6004 | 23S57422F14 | ELY., 47 μ F/6.3V | | |
| Switches | | | | | Power Switch P. C. Board | | | | |
| S6001 | 40T83324F01 | Tact SKHHAP (O/C) | | | Coil/Switch | | | | |
| S6002 | 40T83324F01 | Tact SKHHAP (1) | | | L8001 | 24T82315F01 | Choke, Filter, FKOB160MH02 | | |
| S6003 | 40T83324F01 | Tact SKHHAP (2) | | | S8001 | 40T84122F01 | Switch, Power SDDLE (POWER) | | |
| S6004 | 40T83324F01 | Tact SKHHAP (3) | | | Capacitors | | | | |
| S6005 | 40T83324F01 | Tact SKHHAP (4) | | | C8001 | 08T57437F09 | CER., 0.01 μ F | | |
| S6006 | 40T83324F01 | Tact SKHHAP (5) | | | C8002 | 08T57437F09 | CER., 0.01 μ F | | |
| S6007 | 40T83324F01 | Tact SKHHAP (6) | | | C8003 | 08T57437F09 | CER., 0.01 μ F | | |
| S6008 | 40T83324F01 | Tact SKHHAP (7) | | | Digital Out P. C. Board | | | | |
| S6009 | 40T83324F01 | Tact SKHHAP (8) | | | Transformer/Jacks | | | | |
| S6010 | 40T83324F01 | Tact SKHHAP (9) | | | T9002 | 25T90530F01 | TRANS., PULS | | |
| S6011 | 40T83324F01 | Tact SKHHAP (10) | | | ● J9002 | 09T84775F02 | Plate, Phone Jack (DIGITAL OUT COAX) | | |
| S6012 | 40T83324F01 | Tact SKHHAP (+10) | | | ■ J9002 | 09T84775F02 | Plate, Phone Jack (DIGITAL OUT COAX) | | |
| S6013 | 40T83324F01 | Tact SKHHAP (TIME) | | | ▲ J9002 | 09T84775F01 | Plate, Phone Jack (DIGITAL OUT COAX) | | |
| S6014 | 40T83324F01 | Tact SKHHAP (REPEAT) | | | ★ J9002 | 09T84775F01 | Plate, Phone Jack (DIGITAL OUT COAX) | | |
| S6015 | 40T83324F01 | Tact SKHHAP (A→B) | | | Capacitors | | | | |
| S6016 | 40T83324F01 | Tact SKHHAP (STOP) | | | C9004 | 23T00138L19 | ELY., 33 μ F/16V | | |
| S6017 | 40T83324F01 | Tact SKHHAP (PAUSE) | | | ● C9005 | 08T00015L13 | P.P., 1000pF | | |
| S6018 | 40T83324F01 | Tact SKHHAP (PLAY) | | | ■ C9005 | 08T93192F49 | POLY., 1000pF | | |
| S6019 | 40T83324F01 | Tact SKHHAP (SCAN) | | | ▲ C9005 | 08T93192F49 | POLY., 1000pF | | |
| S6020 | 40T83324F01 | Tact SKHHAP (PROG) | | | ★ C9005 | 08T00015L13 | P.P., 1000pF | | |
| S6021 | 40T83324F01 | Tact SKHHAP (CHECK) | | | | | | | |
| S6022 | 40T83324F01 | Tact SKHHAP (CLEAR) | | | | | | | |
| S6023 | 40T83324F01 | Tact SKHHAP (←INDEX) | | | | | | | |
| S6024 | 40T83324F01 | Tact SKHHAP (INDEX→) | | | | | | | |
| S6025 | 40T83324F01 | Tact SKHHAP (FF WD) | | | | | | | |
| S6026 | 40T83324F01 | Tact SKHHAP (FB WD) | | | | | | | |
| S6027 | 40T83324F01 | Tact SKHHAP (F.SKIP) | | | | | | | |
| S6028 | 40T83324F01 | Tact SKHHAP (B.SKIP) | | | | | | | |

Notes: ● : Japanese model (D-115) only (JA), ■ : West German model (D-115) only (AD), ▲ : West German model (D-01) only (AD), ★ : Canadian model (D-01) only (UQ), Others : Common.

| Symbol No. | Part No. | Description | | | Symbol No. | Part No. | Description | | |
|---------------|----------|-------------|--------------------------------|--|------------|----------|-------------|--|--|
| Miscellaneous | | | | | | | | | |
| | C2001 | 08S40154T43 | CAP., CER., 330pF | | | | | | |
| | C2002 | 08S40154T43 | CAP., CER., 330pF | | | | | | |
| | C2003 | 08S40154T43 | CAP., CER., 330pF | | | | | | |
| ■ | F8001 | 65T42077U19 | Fuse, Semko, T-2A | | | | | | |
| ▲ | F8001 | 65T42077U19 | Fuse, Semko, T-2A | | | | | | |
| ★ | F8001 | 65T66926F03 | Fuse, 51NM (4A-125V) | | | | | | |
| | FL6001 | 65T80320F01 | FL, Display | | | | | | |
| | HD2001 | 88T81528F01 | Head, Optical Pick-up | | | | | | |
| | M2001 | 01V81800F56 | Assy., Motor Loading | | | | | | |
| | M2002 | 59T81431F01 | Motor, Spindle | | | | | | |
| | M2003 | 59T81432F01 | Motor, Slider | | | | | | |
| ★ | P8001 | 28T55335F02 | Power Cord | | | | | | |
| ■ | P8001 | 28T43182P04 | Power Cord | | | | | | |
| ▲ | P8001 | 28T43182P04 | Power Cord | | | | | | |
| ● | P8001 | 28T67434F01 | Power Cord (12A) | | | | | | |
| | VR4001 | 18T84123F01 | Volume, RK9A00 | | | | | | |
| | S2001 | 40T71025F01 | Switch, Detector | | | | | | |
| | S2002 | 40T71025F01 | Switch, Detector | | | | | | |
| | S2003 | 40T71025F01 | Switch, Detector | | | | | | |
| | S3001 | 40T84005F01 | Switch, Slide SSSU1 (TIMER) | | | | | | |
| ■ | S8002 | 40T80258F02 | Switch, Voltage Select | | | | | | |
| ▲ | S8002 | 40T80258F02 | Switch, Voltage Select | | | | | | |
| ● | T8001 | 25T84728F01 | Trans., Power | | | | | | |
| ■ | T8001 | 25T90690F01 | Trans., Power | | | | | | |
| ▲ | T8001 | 25T90690F01 | Trans., Power | | | | | | |
| ★ | T8001 | 25T90692F01 | Trans., Power | | | | | | |

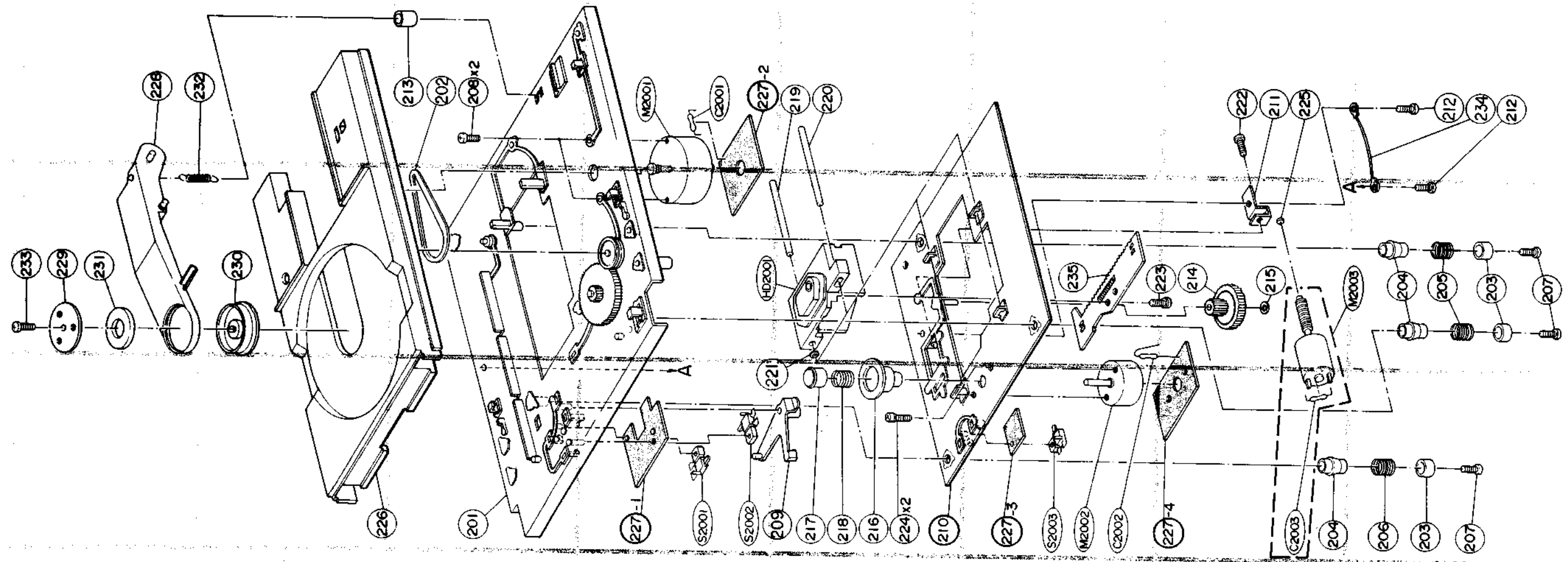
Notes: ●: Japanese model (D-115) only (JA), ■: West German model (D-115) only (AD),
▲: West German model (D-01) only (AD), ★: Canadian model (D-01) only (UQ), Others: Common.

CD Mechanism Assembly Parts List

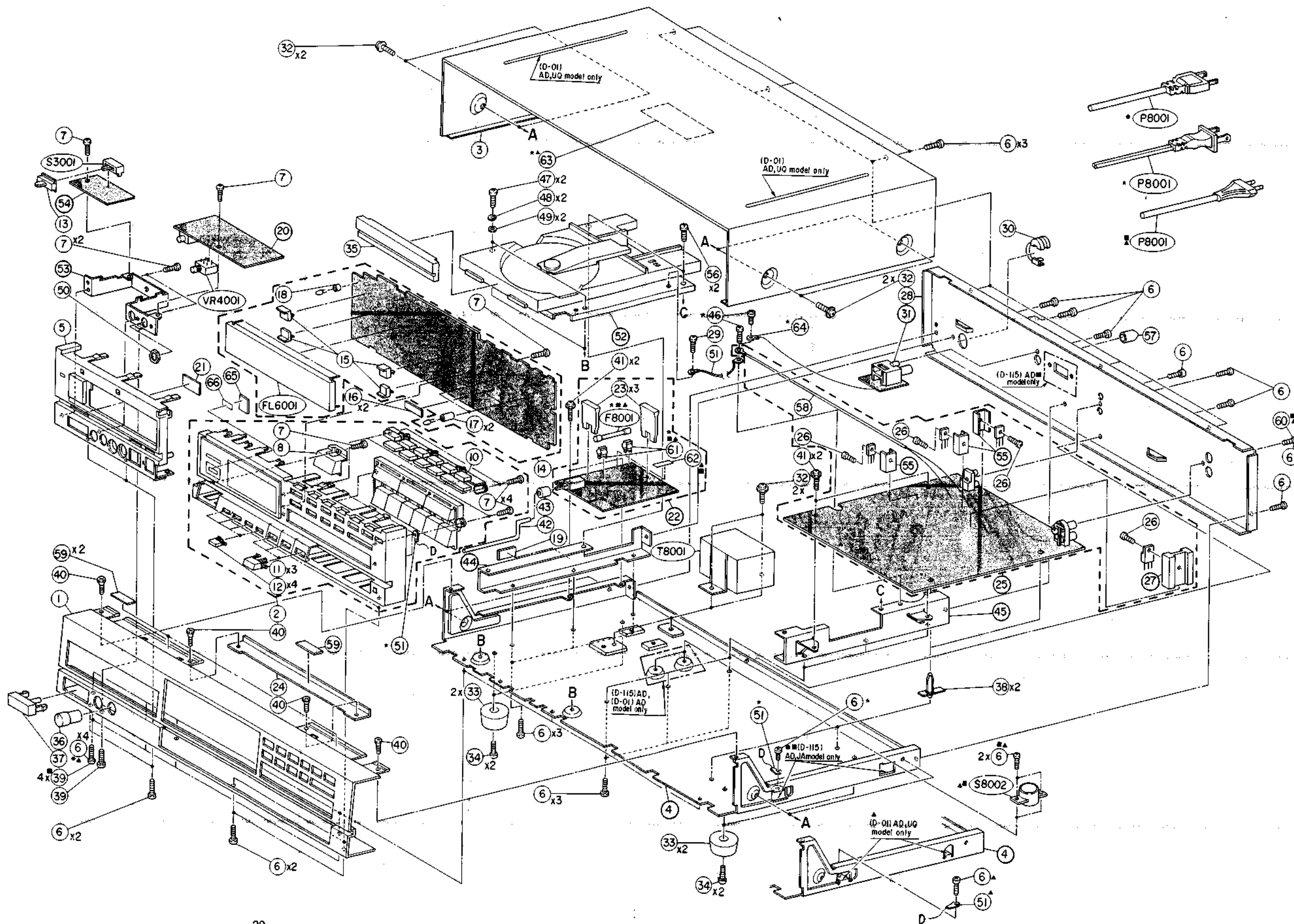
| Symbol No. | Index | Part No. | Description | | | Symbol No. | Index | Part No. | Description | | |
|------------|-------|-------------|-------------------------------|--|--|------------|-------|----------|-------------|--|--|
| 201 | 4-C | 01B82391F01 | Assy., Main Chassis | | | | | | | | |
| 202 | 2-C | 42A81427F01 | Belt, Drive | | | | | | | | |
| 203 | | 43A81407F01 | Bush, Damper | | | | | | | | |
| 204 | | 75A81411F01 | Rubber, Damper | | | | | | | | |
| 205 | 3-H | 41A81428F03 | Spring, Compression | | | | | | | | |
| 206 | 4-H | 41A81428F05 | Spring, Compression | | | | | | | | |
| 207 | | 03S40012G18 | Screw, Tapping (M2.6 × 6) | | | | | | | | |
| 208 | 2-C | 03D40014G19 | Screw, W/Washer (M2.6 × 5) | | | | | | | | |
| 209 | 4-E | 45A81434F01 | Arm, Switch | | | | | | | | |
| 211 | 2-G | 07A82322F01 | Bracket, Washer | | | | | | | | |
| 212 | | 03S44205G30 | Screw, Pan (M2.6 × 4) | | | | | | | | |
| 213 | 2-C | 37S40133J18 | Tube UL (20mm) | | | | | | | | |
| 214 | 3-G | 44A81401F01 | Gear, Worm Wheel | | | | | | | | |
| 215 | 3-G | 04A41345P02 | Washer, Lock (M1.7) | | | | | | | | |
| 216 | 4-E | 49B81414F01 | Table, Disc | | | | | | | | |
| 217 | 4-E | 49B81417F01 | Disc, Guide | | | | | | | | |
| 218 | 4-E | 41A81428F01 | Spring, Compression | | | | | | | | |
| 219 | 2-E | 47A81426F01 | Shaft, Head | | | | | | | | |
| 220 | 2-E | 47A81426F02 | Shaft, Head | | | | | | | | |
| 221 | 4-E | 04S40075G12 | Washer, Polyslider (M3.1) | | | | | | | | |
| 222 | 2-G | 03D40014G61 | Screw, W/Washer (M2 × 5) | | | | | | | | |
| 223 | 3-G | 03S70494F01 | Screw, Bind (M2 × 5) | | | | | | | | |
| 224 | 4-E | 03D40014G07 | Screw, W/Washer (M2 × 4) | | | | | | | | |
| 225 | 2-G | 43A41182P02 | Ball Steel | | | | | | | | |
| 226 | 4-B | 01C81529F01 | Assy., Tray Disc | | | | | | | | |
| 228 | 2-A | 45C81418F01 | Arm, Clamp | | | | | | | | |
| 229 | 3-A | 07A81413F01 | Bracket, Magnet | | | | | | | | |
| 230 | 3-B | 49A81403F01 | Wheel, Clamp | | | | | | | | |
| 231 | 3-A | 59T81430F01 | Magnet | | | | | | | | |
| 232 | 2-A | 41B81429F02 | Spring, Extension | | | | | | | | |
| 233 | 3-A | 03S68555F17 | Screw, Bind (M2 × 4) | | | | | | | | |
| 234 | 2-H | 01T92483F01 | Assy., Lug Wire 1P | | | | | | | | |
| 235 | 3-F | 01A82323F01 | Assy., Rack | | | | | | | | |

NOTE: The parts without part numbers are not supplied.

Exploded View (CD Mechanism)



Exploded View (Cabinet)



Cabinet Assembly Parts List

NOTE: The parts without part numbers are not supplied.

| Symbol No. | Index | Part No. | Description | Symbol No. | Index | Part No. | Description | | |
|------------|-------|-------------|---------------------------------------|---------------------------|-------|-------------|-----------------------------|------------------------------|---------------|
| ● | 1 | 4-A | 64D83886F04 | Panel, Front | 23 | 3-D | 43T53136F01 | Bush, Cap | |
| ■ | 1 | 4-A | 64D83886F03 | Panel, Front | 24 | 5-B | 07A84422F01 | Bracket, Panel | |
| ▲ | 1 | 4-A | 64D83886F07 | Panel, Front | 26 | | 03S43997P76 | Screw, Bind (M3 × 6) | |
| ★ | 1 | 4-A | 64D83886F07 | Panel, Front | 28 | 2-F | 15C83873F05 | Cover, Rear | |
| ● | 2 | 4-B | 07C91019F01 | Assy., Front Frame | ■ | 28 | 2-F | 15C83873F04 | Cover, Rear |
| ■ | 2 | 4-B | 07C91019F01 | Assy., Front Frame | ▲ | 28 | 2-F | 15C83873F10 | Cover, Rear |
| ▲ | 2 | 4-B | 07C91021F01 | Assy., Front Frame | ★ | 28 | 2-F | 15C83873F14 | Cover, Rear |
| ★ | 2 | 4-B | 07C91021F01 | Assy., Front Frame | 29 | 3-E | 03S44205G30 | Screw, Pan (M2.6 × 4) | |
| ● | 3 | 2-D | 15C83872F01 | Cover, Top | 30 | 2-G | 43B41625J02 | Support, Cord | |
| ■ | 3 | 2-D | 15C83872F01 | Cover, Top | 32 | | 03S40036U01 | Screw, Pan (M4 × 8) | |
| ▲ | 3 | 2-D | 15C83872F03 | Cover, Top | 33 | | 75A52969F01 | Pad, Trannleg | |
| ★ | 3 | 2-D | 15C83872F03 | Cover, Top | ■ | 33 | 75A52969F01 | Pad, Trannleg | |
| ● | 5 | 3-A | 07D83863F04 | Frame, Front | ▲ | 33 | 75T57059F01 | Pad, Trannleg | |
| ■ | 5 | 3-A | 07D83863F04 | Frame, Front | ★ | 33 | 75T57059F01 | Pad, Trannleg | |
| ▲ | 5 | 3-A | 07D83863F06 | Frame, Front | 34 | | 03S44205G20 | Screw, Pan (M4 × 12) | |
| ★ | 5 | 3-A | 07D83863F06 | Frame, Front | 35 | 2-C | 64B83869F04 | Panel, Tray | |
| 6 | | | 03S71031F04 | Screw, Bind (M3 × 8) | ▲ | 35 | 2-C | 64B83869F03 | Panel, Tray |
| 7 | | | 03S71031F02 | Screw, Bind (M2.6 × 8) | ■ | 35 | 2-C | 64B83869F04 | Panel, Tray |
| ● | 8 | 3-B | 36B83866F01 | Knob, Eject | ★ | 35 | 2-C | 64B83869F03 | Panel, Tray |
| ■ | 8 | 3-B | 36B83866F01 | Knob, Eject | ● | 36 | 5-A | 36A55234F04 | Knob, Control |
| ▲ | 8 | 3-B | 36B83866F02 | Knob, Eject | ■ | 36 | 5-A | 36A55234F04 | Knob Control |
| ★ | 8 | 3-B | 36B83866F02 | Knob, Eject | ▲ | 36 | 5-A | 36A55234F05 | Knob, Control |
| ● | 10 | 3-D | 36B83864F02 | Knob, Ten Key | ★ | 36 | 5-A | 36A55234F05 | Knob, Control |
| ■ | 10 | 3-D | 36B83864F02 | Knob, Ten Key | ● | 37 | 5-A | 36A83870F01 | Knob, Power |
| ▲ | 10 | 3-D | 36B83864F03 | Knob, Ten Key | ■ | 37 | 5-A | 36A83870F01 | Knob, Power |
| ★ | 10 | 3-D | 36B83864F03 | Knob, Ten Key | ▲ | 37 | 5-A | 36A83870F02 | Knob Power |
| ● | 11 | 4-B | 36A83868F01 | Knob, Tact (L) | ★ | 37 | 5-A | 36A83870F02 | Knob, Power |
| ■ | 11 | 4-B | 36A83868F01 | Knob, Tact (L) | 38 | 5-G | 07A91046F01 | Support, P. C. Board | |
| ▲ | 11 | 4-B | 36A83868F02 | Knob, Tact (L) | 39 | | 03S82672F18 | Screw, Bind (M3 × 6) | |
| ★ | 11 | 4-B | 36A83868F02 | Knob, Tact (L) | 40 | | 03S40012G98 | Screw, Tapping (M3 × 8) | |
| ● | 12 | 4-B | 36A83867F01 | Knob, Tact (S) | 41 | | 03S40018G08 | Screw, Tapping (M3 × 8) | |
| ■ | 12 | 4-B | 36A83867F01 | Knob, Tact (S) | 42 | 4-D | 47A83883F01 | Shaft, Power | |
| ▲ | 12 | 4-B | 36A83867F02 | Knob, Tact (S) | 43 | 4-D | 43A83885F01 | Spacer, Rubber | |
| ★ | 12 | 4-B | 36A83867F02 | Knob, Tact (S) | 46 | 2-E | 03S40012G48 | Screw, Tapping (M3 × 6) | |
| ● | 13 | 2-A | 36A80166F01 | Knob, Timer Switch | 47 | 2-D | 03A83946F01 | Screw, Special (M3 × 35) | |
| ■ | 13 | 2-A | 36A80166F01 | Knob, Timer Switch | 48 | 2-D | 04S40071G14 | Washer Spring Lock (M4.1) | |
| ▲ | 13 | 2-A | 36A80166F02 | Knob, Timer Switch | 49 | 2-D | 04S40070G59 | Washer Flat (M4.1) | |
| ★ | 13 | 2-A | 36A80166F02 | Knob, Timer Switch | 50 | 2-A | 02S40000G39 | Nut, He × (M7) | |
| 14 | 3-D | 01V84500F25 | Assy., FL/ Keyboard P. C. Board | 51 | | 01T84733F11 | Assy., Lug Wire | | |
| 15 | 3-C | 07A83876F01 | Support, FL | 56 | 2-E | 03S40018G06 | Screw, Tapping (M3 × 16) | | |
| 16 | 3-C | 14S81481F57 | Insulator, Cover | | | | | | |
| 17 | 3-D | 43A53357F04 | Spacer, LED | | | | | | |
| 18 | 2-B | 43A53357F01 | Spacer, LED (A) | | | | | | |
| 19 | 4-D | 14S81481F56 | Insulator, Cover | | | | | | |
| 21 | 3-B | 14S81481F71 | Insulator, Cover | | | | | | |

Notes: ●: Japanese model (D-115) only (JA), ■: West German model (D-115) only (AD),
▲: West German model (D-01) only (AD), ★: Canadian model (D-01) only (UQ), Others: Common.

NOTE: The parts without part numbers are not supplied.

| Symbol No. | Index | Part No. | Description | | | Symbol No. | Index | Part No. | Description | | |
|------------|-------|----------|-------------|--------------------------|--|------------|-------|----------|-------------|--|--|
| | 57 | 3-H | 16T82537F01 | Cap., Pin Jack | | | | | | | |
| | 58 | 3-E | 01T84733F12 | Assy., Lug Wire | | | | | | | |
| | 59 | | 14S53017F64 | Insulator, Cover | | | | | | | |
| ■ | 60 | 3-H | 03S82672F20 | Screw, Bind (M3 × 8) | | | | | | | |
| ▲ | 60 | 3-H | 03S82672F20 | Screw, Bind (M3 × 8) | | | | | | | |
| ■ | 61 | 3-E | 09T51410F01 | Holder, Fuse | | | | | | | |
| ★ | 61 | 3-E | 09T51410F01 | Holder, Fuse | | | | | | | |
| ▲ | 61 | 3-E | 09T51410F01 | Holder, Fuse | | | | | | | |
| ■ | 62 | 3-E | 54B62266F16 | Label, Fuse (2A-250V) | | | | | | | |
| ▲ | 62 | 3-E | 54B62266F16 | Label, Fuse (2A-250V) | | | | | | | |
| ▲ | 63 | 2-D | 14S81482F59 | Insulator, Cover | | | | | | | |
| ★ | 63 | 2-D | 14S81482F59 | Insulator, Cover | | | | | | | |
| ★ | 64 | 3-E | 01T92973F01 | Assy., Lug Wire (1P) | | | | | | | |
| | 65 | 3-B | 65A92731F01 | Crystal, Lens | | | | | | | |
| | 66 | 3-B | 14S81481F93 | Insulator, Cover | | | | | | | |

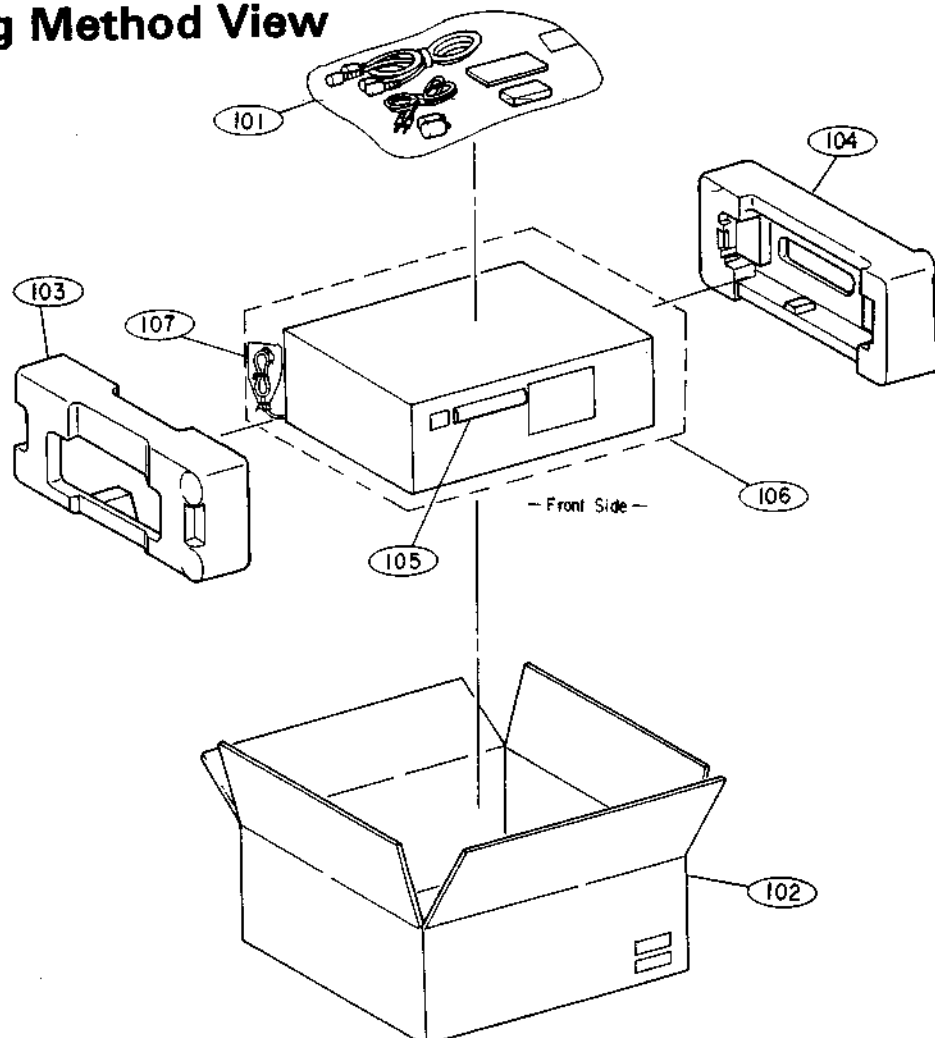
Notes: ●: Japanese model (D-115) only (JA), ■: West German model (D-115) only (AD),
▲: West German model (D-01) only (AD), ★: Canadian model (D-01) only (UQ), Others: Common.

Packing Assembly Parts List

| Symbol No. | Part No. | Description | Symbol No. | Part No. | Description |
|------------|----------|-----------------------------------|------------|----------|-----------------------------------|
| ■ | 101-1 | 68P81707F78 Owners Manual | ▲ | 101-4 | 01T80478F02 Unit, Remocon (RD109) |
| ▲ | 101-1 | 68P83710F07 Owners Manual | ★ | 101-4 | 01T80478F02 Unit, Remocon (RD109) |
| ● | 101-1 | 68P81707F81 Owners Manual | | 101-5 | 60T58064F01 Battery, SUM-3 |
| ★ | 101-1 | 68P83710F07 Owners Manual | ● | 102 | 56S83833F09 Carton, Packing |
| ● | 101-2 | 28T70621F03 Plug, Output | ■ | 102 | 56S83833F11 Carton, Packing |
| ▲ | 101-2 | 28T67347F01 Plug, Audio Cable | ▲ | 102 | 56S83833F13 Carton, Packing |
| ★ | 101-2 | 28T67347F01 Plug, Audio Cable | ★ | 102 | 56S83833F13 Carton, Packing |
| | 101-3 | 01T82091F01 Assy., Mini Plug Cord | | 103 | 58D90648F01 Tray, Packing |
| ● | 101-4 | 01T80478F01 Unit, Remocon (RD109) | | 104 | 58D90649F01 Tray, Packing |
| ■ | 101-4 | 01T80478F02 Unit, Remocon (RD109) | | 105 | 56B40442T19 Packing, Front Frame |
| | | | | 106 | 56B40230G23 Sack, Polyethylene |
| | | | | 107 | 56B40230G08 Sack, Polyethylene |
| | | | | 108 | 56A93246F01 Pad, Packing |

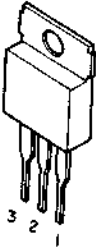
Notes: ● : Japanese model (D-115) only (JA), ■ : West German model (D-115) only (AD), ▲ : West German model (D-01) only (AD), ★ : Canadian model (D-01) only (UQ), Others : Common.

Packing Method View

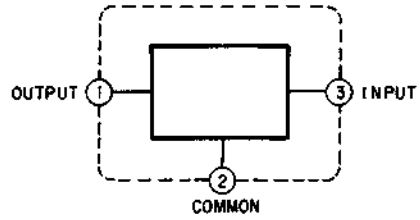


Semi-Conductor Lead Identifications

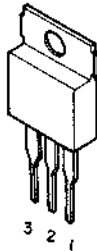
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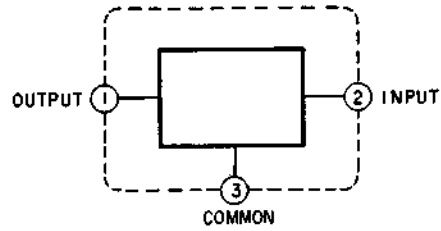
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2: COMMON
3: INPUT



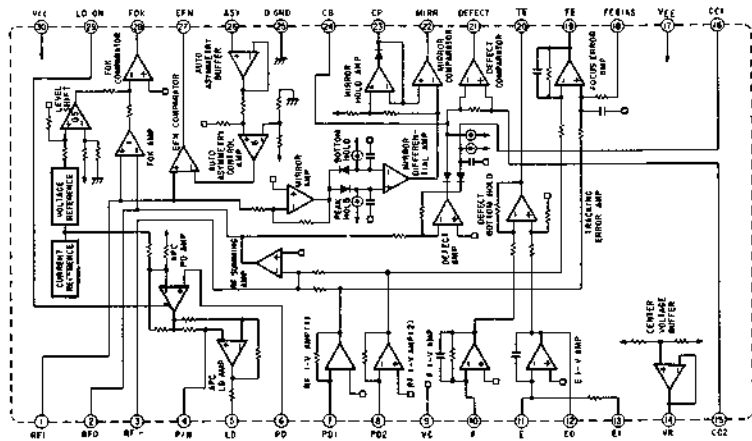
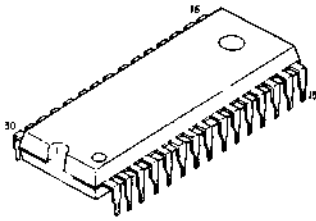
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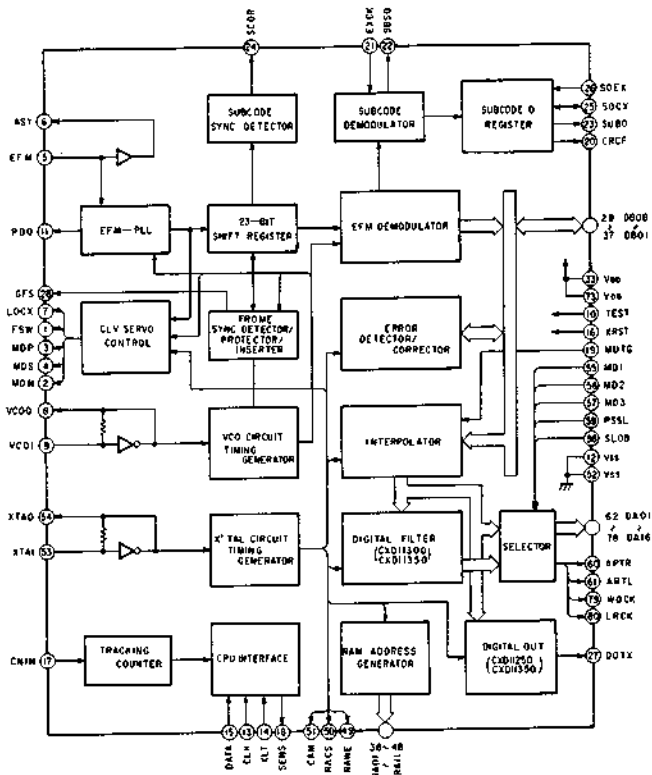
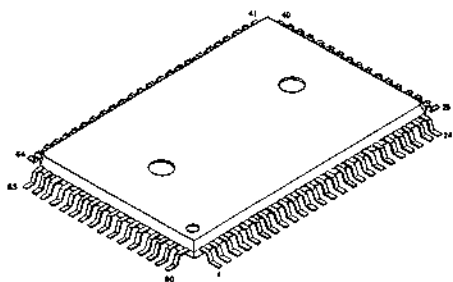
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3: COMMON



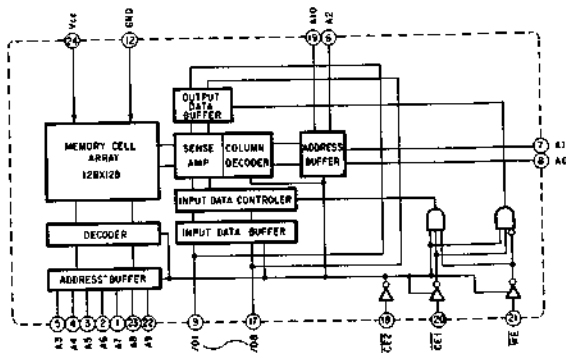
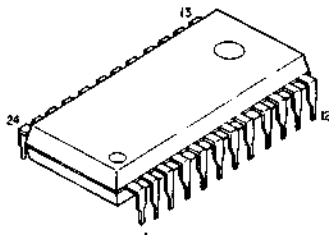
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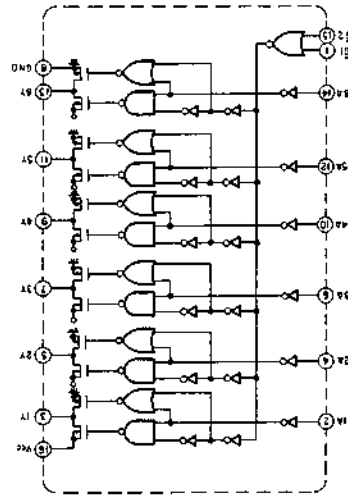
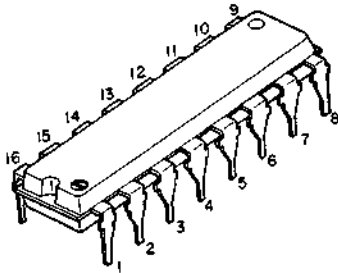
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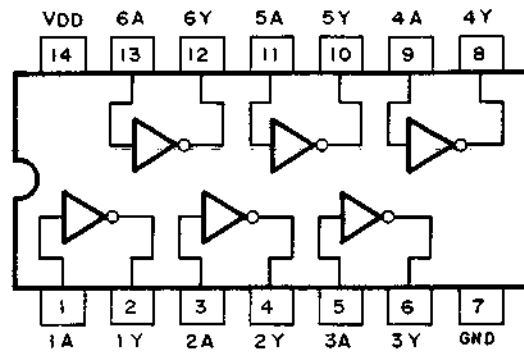
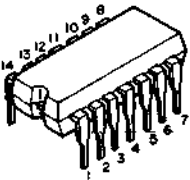
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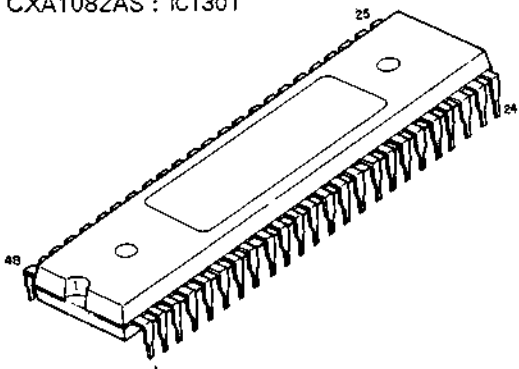
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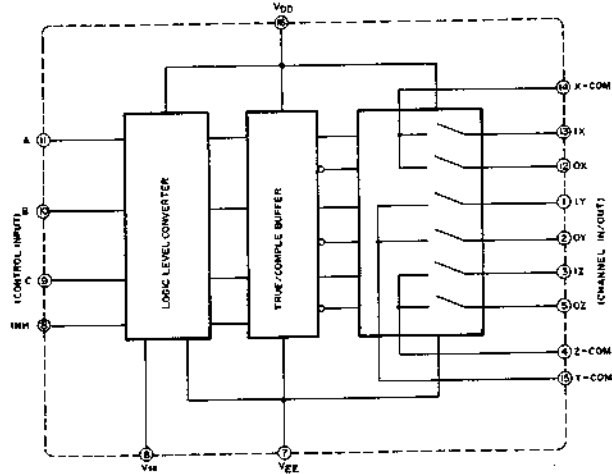
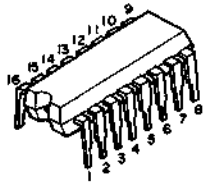
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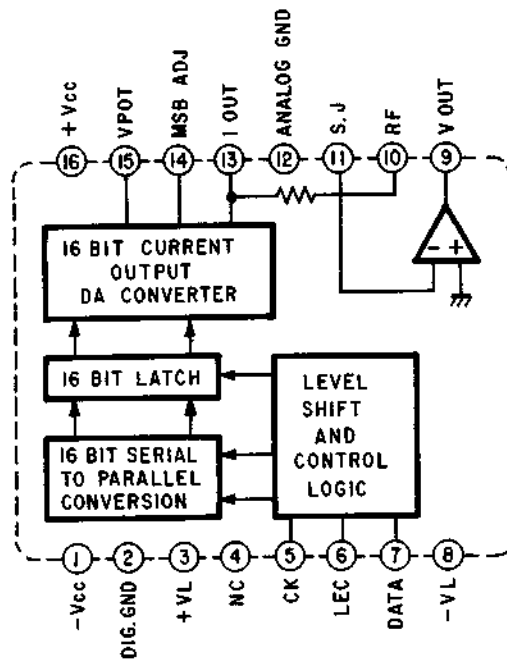
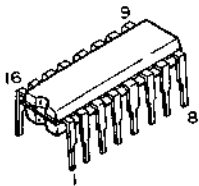
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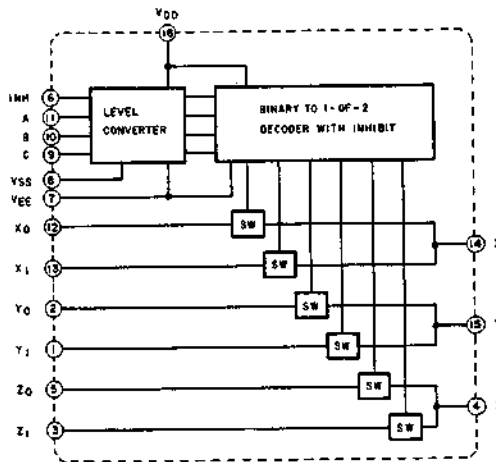
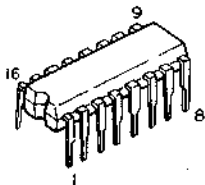
TC4053BP : IC1302



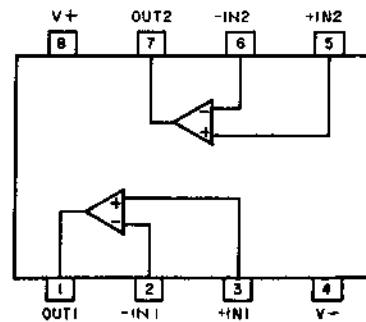
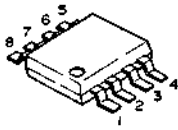
PCM56JP : IC1401



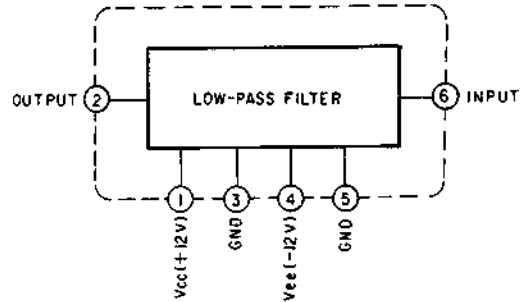
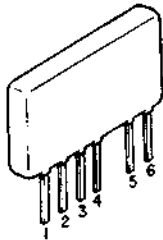
μ PD4053BC : IC1402



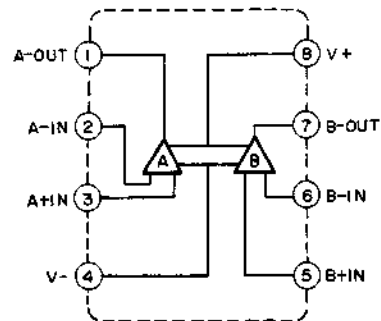
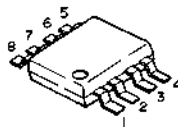
M5238P : IC1403, 1407, 1408



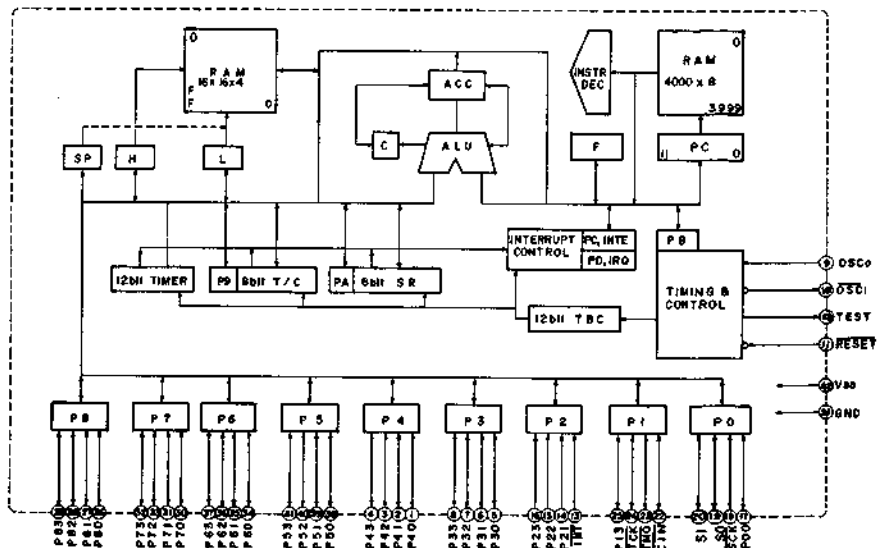
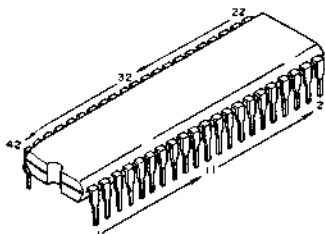
LP20D5B3TS : IC405, 1406



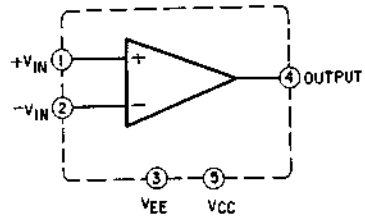
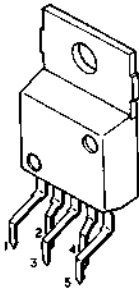
NJM2903D : IC1501



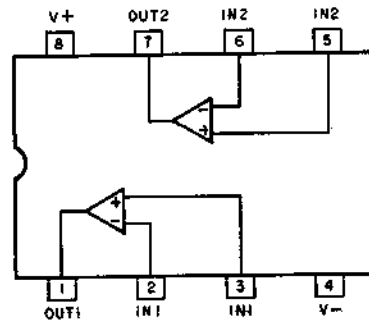
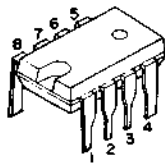
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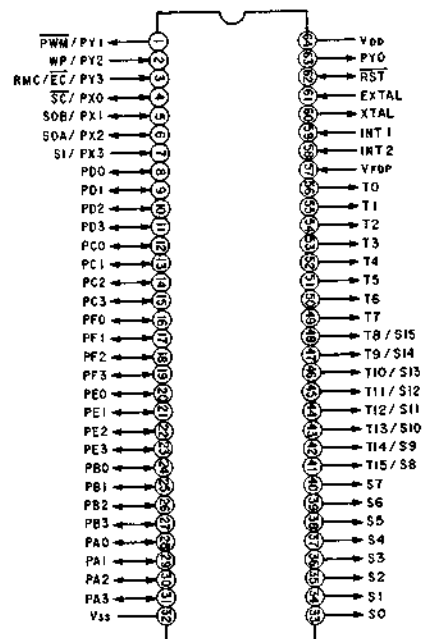
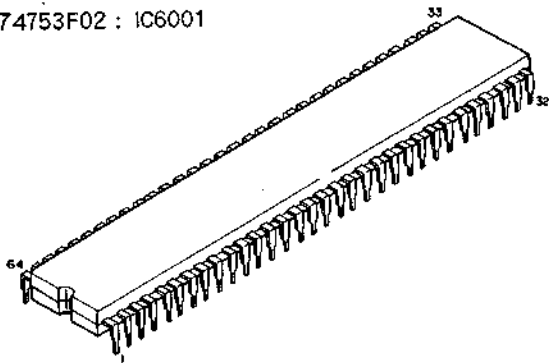
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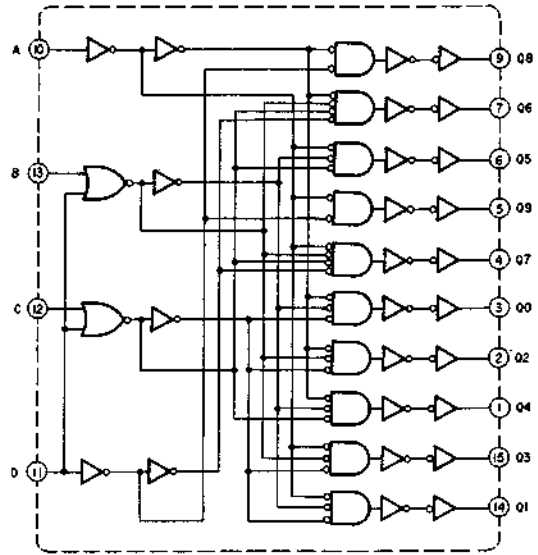
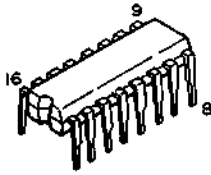
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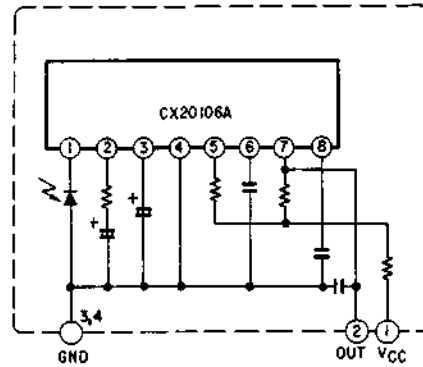
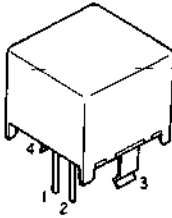
74753F02 : IC6001



μ PD4028BC : IC6002



BX1387 : IC6003



2SA1015 : Q1101, 1104, 1506

2SC1815 : Q1102, 1103

2SD1302 : Q1507

