

SERVICE MANUAL

NAD

C540

**COMPACT
DISC PLAYER**

C540

**COMPACT
DISC PLAYER**

SAFETY INFORMATION

CAUTION

CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

ADVARSEL - USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.

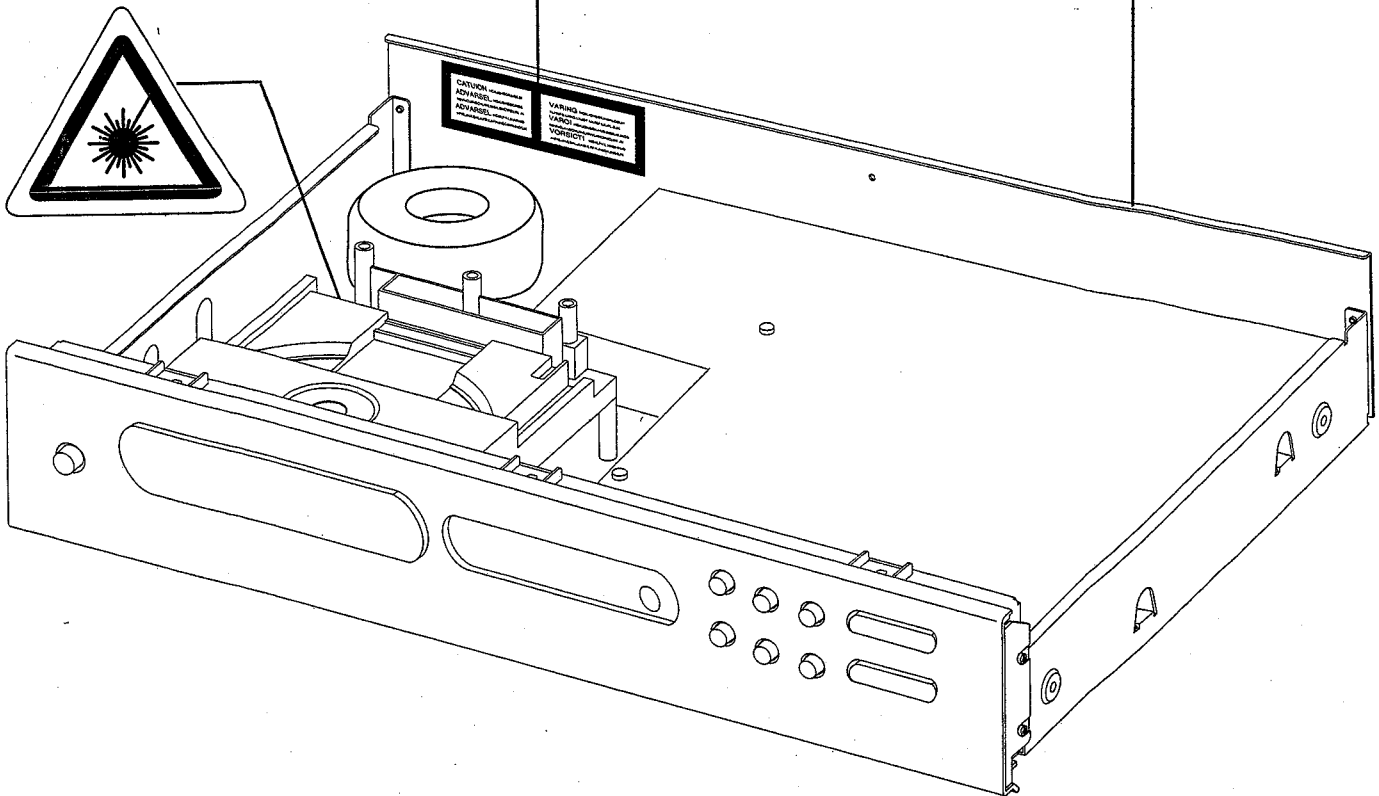
ADVARSEL - USYNLIG LASERSTRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

VARNING - OSYNLIG LASERSTRÅLING NÅR DENNA DEL ÄR ÖPPNAD OCH SPÄRRAR ÄR URKOPPLADE. STRÅLEN ÄR FÄRLIG.

VARO! - AVATTAESSA JA SUOJALUKITUS OHTIETTAESSA OLEET ALTIINA NÄKTMÄTÖNTÄ LASERSÄTEILYLLE. ÄLÄ KAISO SÄTTESEEN.

VORSICHT! - UNSICHTBARE LASERTRAHUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSPERRREGELUNG ÜBERBRÜCKT IST. NICHT DEM STRAHL AUSSETZEN.

**CLASS 1
LASER PRODUCT**



The lightning flash with arrowhead, within an equilateral triangle is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure; that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS :-
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

SERVICE SAFETY PRECAUTIONS

1. Replacing the fuses

CAUTION: FOR CONTINUED PROTECTION AGAINST THE RISK OF FIRE REPLACE ONLY WITH SAME TYPE OF FUSE.

Reference No	Part Number	Description
M507*AH	5120-0052-0	Fuse 1.6A 250V Time Lag (UL/CSA)
M512-M513*AH	5120-0020-0	Fuse 1A 250V Time Lag (UL/CSA)
M514*AH	5120-0026-0	Fuse 315mA 250V Time Lag LBC (UL/CSA)
M507*C	5120-0050-0	Fuse 1.6A 250V Time Lag (SEMKO/VDE)
M512-M513*C	5120-0018-0	Fuse 1A 250V Time Lag (SEMKO/VDE)
M514*C	5120-0027-0	Fuse 315mA 250V Time Lag (SEMKO/VDE)

NOTE :

<*AH > : USA, CANADIAN MODEL ONLY.

<*C > : EUROPEAN MODEL ONLY.

2. Safety check out

(Only U.S.A. model)

Before returning the product to the customer, make leakage current or resistance measurements to determine that exposed parts are acceptably insulated from the supply circuit.

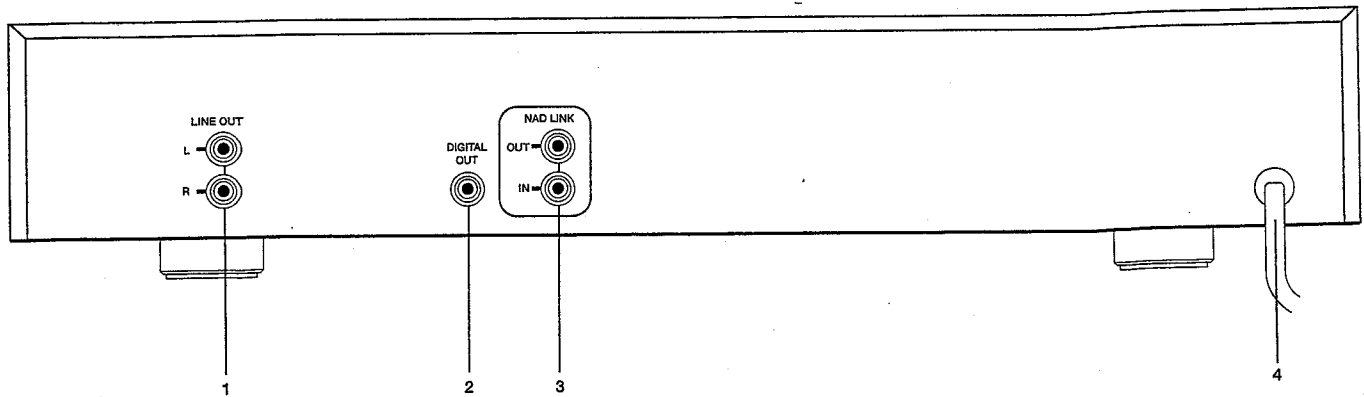
Parts marked with the symbol \triangle are critical with regard to the risk of fire and electric shock. Replace only with parts recommended by the manufacturer.

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REAR PANEL / FRONT PANEL VIEW

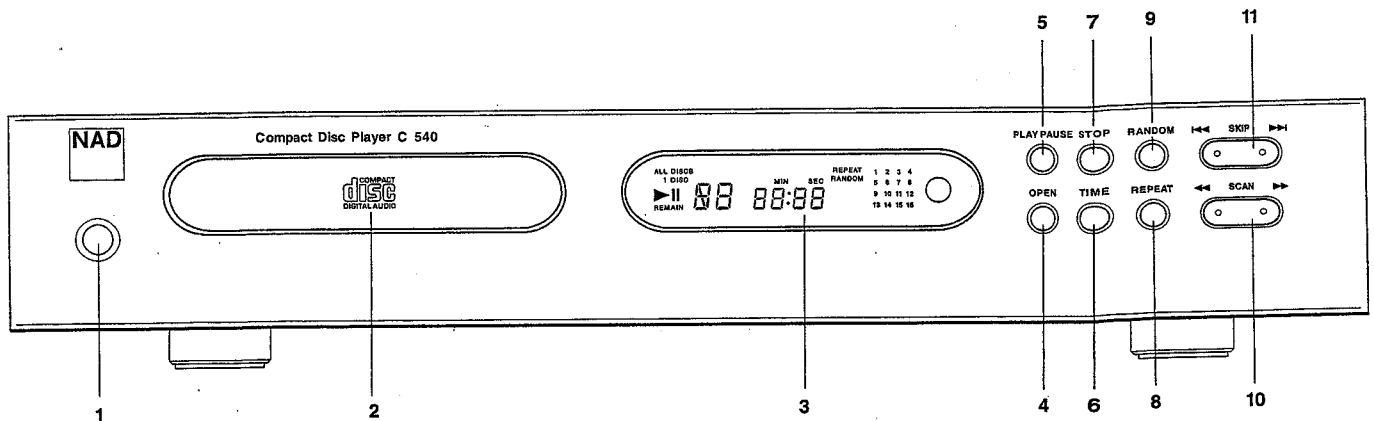
REAR PANEL



- 1. LINE OUTPUT
- 2. DIGITAL OUTPUT

- 3. NAD LINK
- 4. AC LINE CORD

FRONT PANEL



- 1. POWER ON / OFF
- 2. DISC DRAWER
- 3. DISPLAY
- 4. OPEN
- 5. PLAY / PAUSE
- 6. TIME
- 7. STOP

- 8. REPEAT
- 9. RANDOM
- 10. SCAN BACK / SCAN FORWARD
(◀◀/▶▶)
- 11. SKIP BACK / SKIP FORWARD
(|◀◀/▶▶|)

SPECIFICATIONS

Disc Capacity	One Disc, 120 or 80 mm
Decoding	BURR-BROWN Delta Sigma 24 bit
Digital Filter	8 Times oversample
Analog Filter	4 pole active
Frequency Response	+/- 0.5 dB, 5 Hz - 20 kHz
De-Emphasis Error	+/- 0.3 dB
THD (at 0 dB, 1 kHz)	0.007%
Intermodulation Distortion	< -100 dB
(19 + 20 kHz)	
Dynamic Range	96 dB
Linearity	+/- 0.5 dB, 0 dB to -80 dB
Signal / Noise Ratio (A-Weighted)	≥102 dB, De-Emphasis on
	≥102 dB, De-Emphasis off
Channel Separation 1 kHz	> 90 dB
10 kHz	> 80 dB
Wow and Flutter	Unmeasurable (Quartz Crystal Accuracy)
Output Impedance	200 Ω
Output level at 0 dB	2.0 V rms
Digital Error Correction	CIRC with double error correction
	in C1 and C2
Digital Code Output	Sony / Philips Serial data format

CONTROLS

Play / Pause, Stop, Random, Skip (< >), Scan (< >), Open, Time, Repeat.

PHYSICAL SPECIFICATIONS

Dimensions (Width x Height x Depth)	435 x 80 x 285 mm
Net weight	4 kg (8.8 lbs)
Shipping weight	5.1 kg (11.22 lbs)

DISASSEMBLY INSTRUCTIONS

1. Remove machine screws M 4.0 x 6.0 (① to ④) from the side panels.
Remove tapping screw 3.0 x 8.0 (⑤) from the back panel.
Refer to **Figure No. 1**.

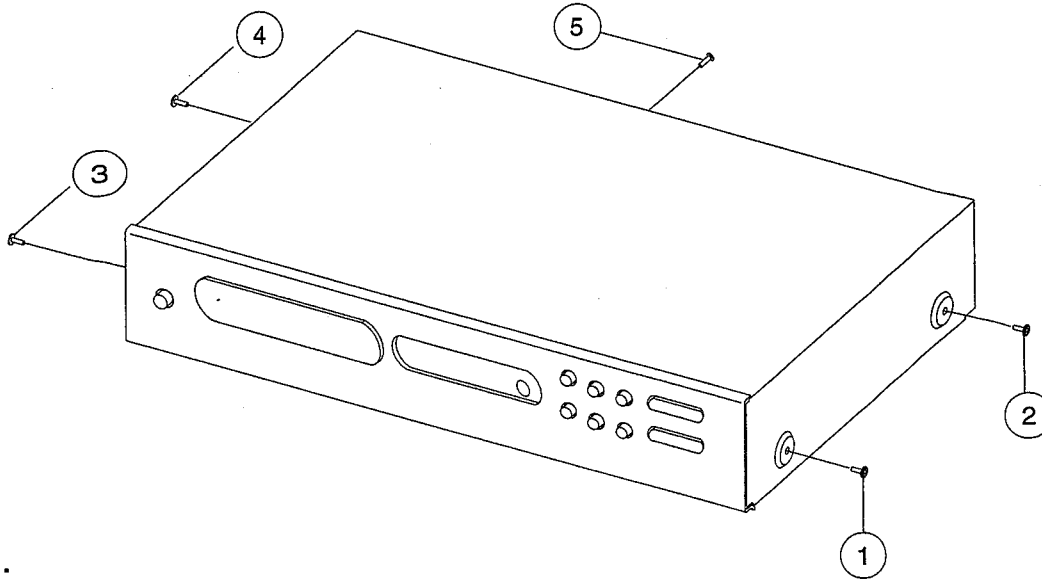


Figure No. 1.

2. Pull both sides of the TOP COVER slightly outwards (⑥) and tilt approx. 35° and then remove in the direction as indicated by the arrow (⑦). Refer to **Figure No. 2**.

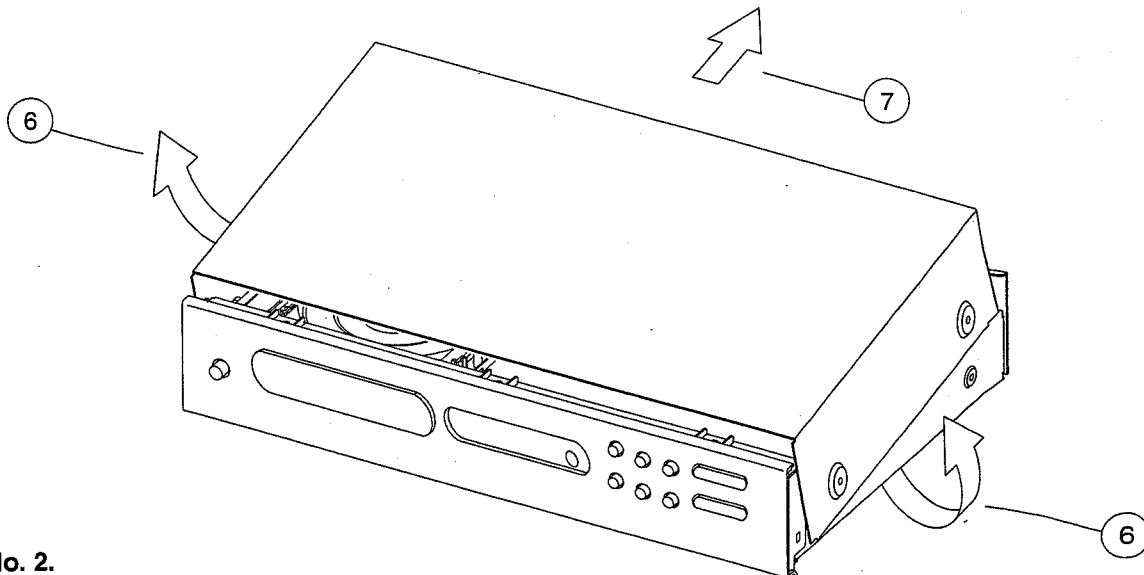
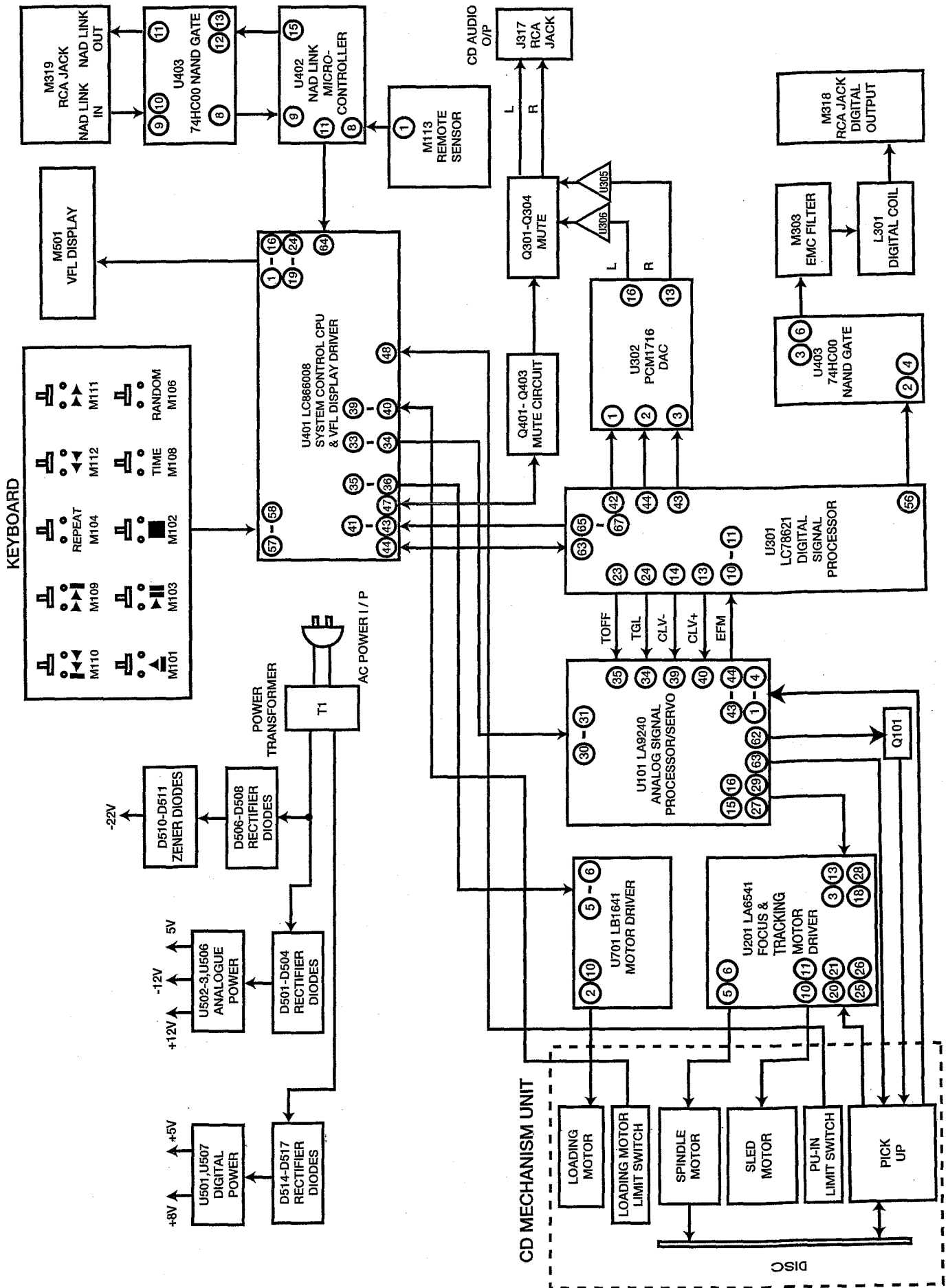
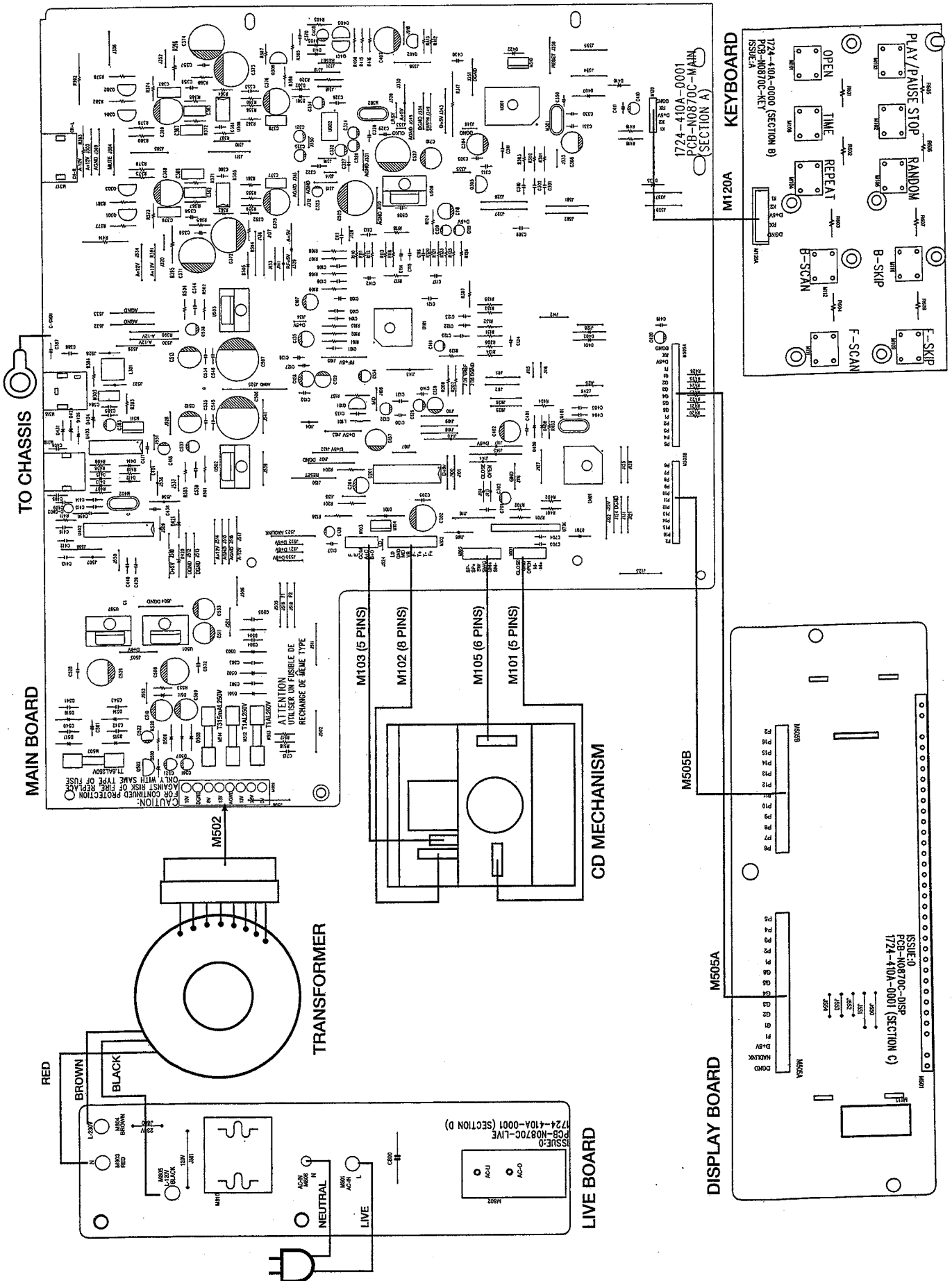


Figure No. 2.

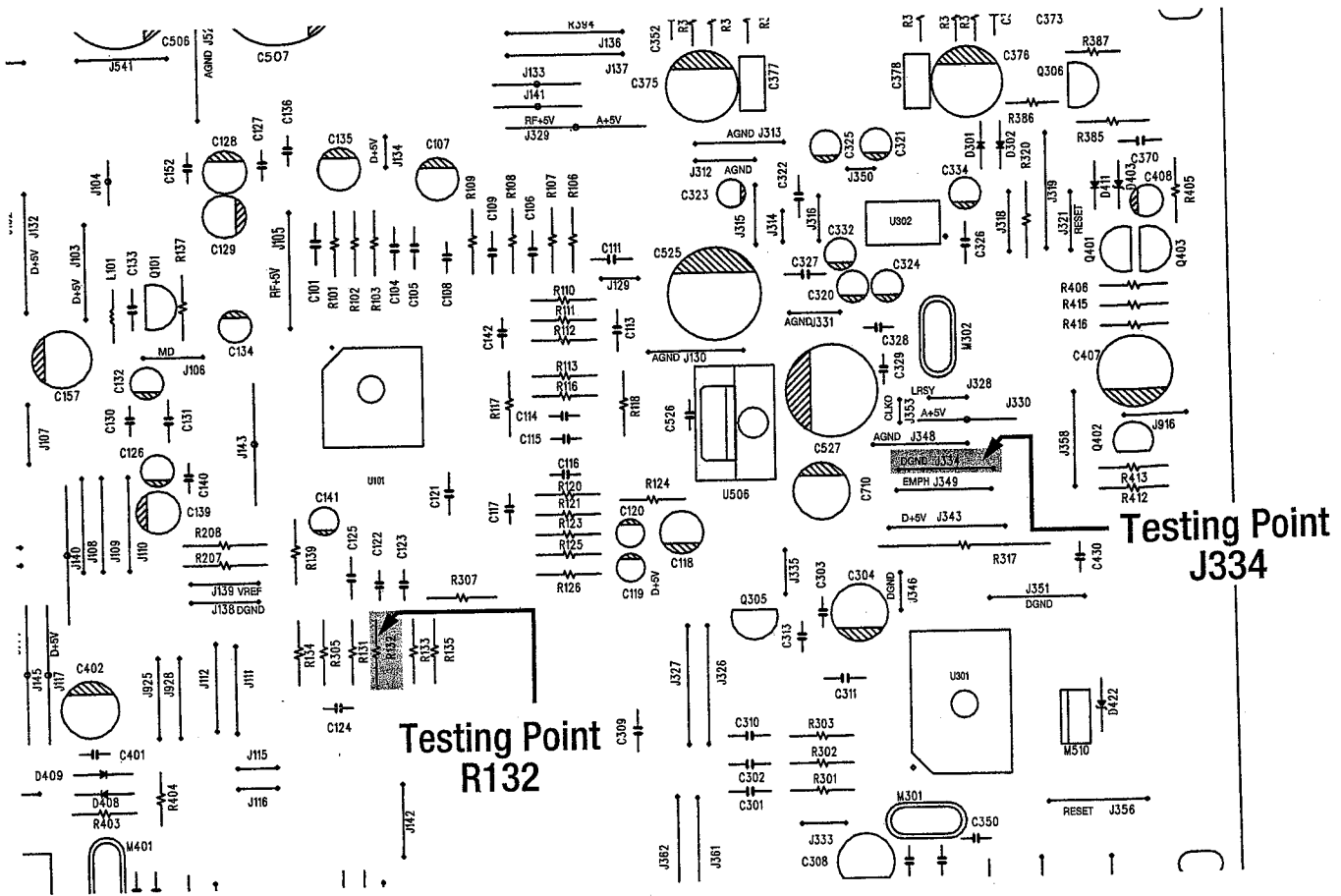
BLOCK DIAGRAM



WIRING DIAGRAM



RF PATTERN TESTING



NAD - C540 PCB TESTING POINTS DIAGRAM

TESTING PROCEDURE

- (1) Load the test disc (Sony Test CD YEDS-7) and set the unit into PLAY mode.
- (2) Connect the scope to R132 (Pin 41 of U101) and DGND (J334).

Scope setting:

Coupling	: AC.
Vertical sensitivity	: 0.2 V/div.
Horizontal time base	: 0.5 μ S/div.

- (3) Observe the waveform is 2.0V p-p +/- 5% and the eye pattern is at its best shape (see FIG. 1).

FIG. 1 (a)

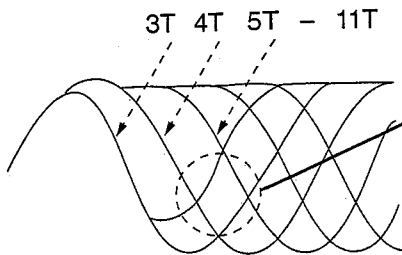


FIG. 1 (b) Poor eye pattern

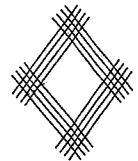
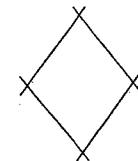


FIG. 1 (c) Good eye pattern



IMPORTANT NOTES

INSTRUCTION FOR HANDLING OPTICAL SYSTEM BLOCK PICK-UP

Electrostatic breakdown of the laser diode in the optical system block may occur due to a potential difference caused by electrostatic charge accumulated on clothing, human body, etc. A ground must be provided as follows to prevent any electrostatic charge during unpacking or repair work.

1. Ground for Human Body

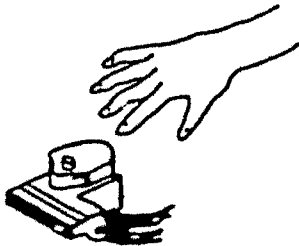
Be sure to wear a ground band (1M ohm) that is properly grounded to remove any static electricity that may be charged on the body.

2. Ground for Work Bench

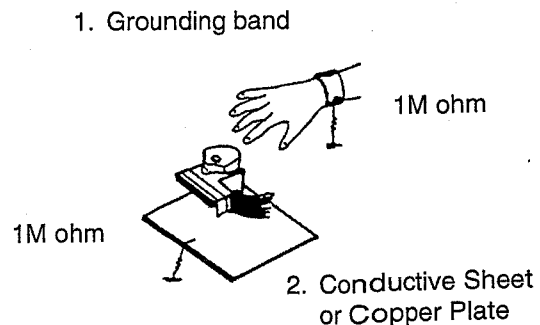
Be sure to place a conductive sheet (1M ohm) or copper plate with proper grounding on the work bench or other surface on which the pick-up is to be placed.

3. Because the static electricity charge on the clothing does not discharge through the body grounding band, do not let clothing to get in contact with the pick-up unit.

INCORRECT



CORRECT



NOTE: Laser diodes are so susceptible to damage from static electricity that even if a static discharge does not ruin the diode, it can shorten its life or cause it to work improperly.

PRECAUTIONS FOR CHECKING BEAM EMISSION

The laser beam of this unit is focused on the reflecting surface of the objective lens in the optical system block. Therefore, keep your eyes at least 12 inches (30 cm) away from the objective lens when the laser diode is **ON**.

(Operation Check Method for Laser Diode and Focus Search Function.)

When the **POWER** switch is turned **ON** after the chucking plate is removed, observe the objective lens and confirm that the following operations are performed properly.

(The optical system block should be at the lead-in area position when it is checked at this time.)

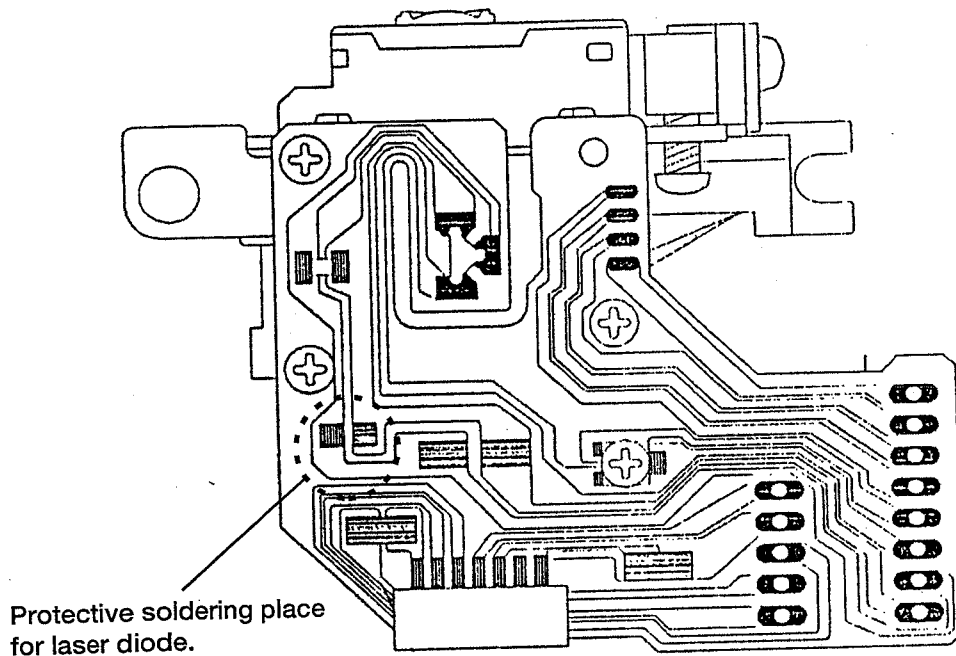
- (1) The laser should be at the innermost position after the chucking plate is removed.
- (2) The diffused light of the laser beam can be seen when the **POWER** switch is turned **ON**.
- (3) Vertical (up and down) movement of the objective lens (4 times) will take place.

PRECAUTIONS WHEN CHANGING LASER PICK-UP

When removing the pick-up assembly, short circuit the PCB tracks on the optical block as shown in the drawing in order to protect the pick-up before removal.

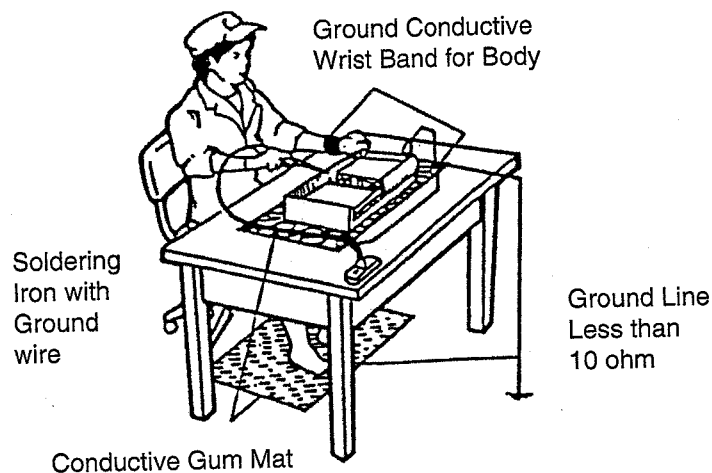
NOTE: Replacement pickup assemblies are supplied with the PCB pattern already protected.

DO NOT REMOVE THE SHORT CIRCUITS UNTIL YOU HAVE FINISHED FITTING THE PICK-UP.



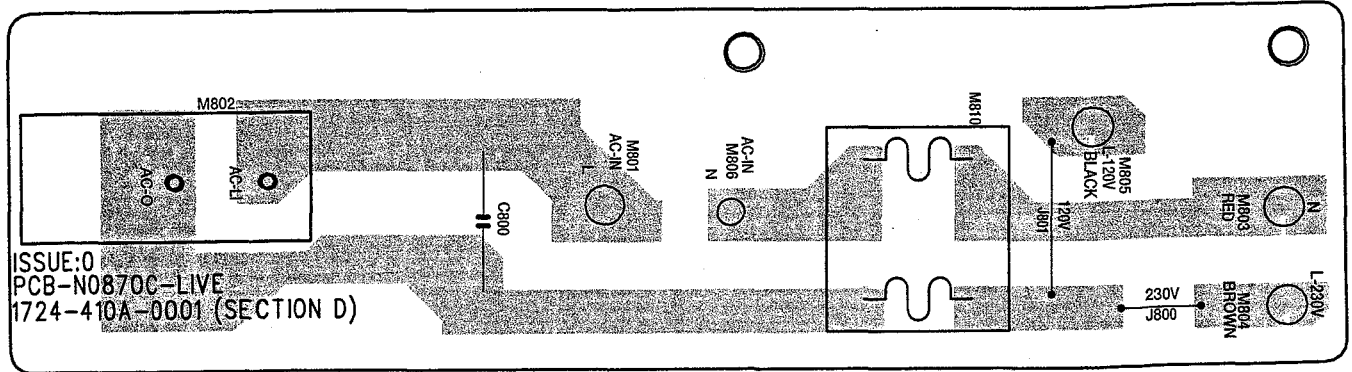
Caution:

Laser diodes are extremely susceptible to damage from static electricity. Even if a static discharge does not ruin the diode, it can shorten its life or cause it to work improperly. When replacing the pick-up, use a conductive mat, a grounded soldering iron, and so on, to protect the laser diode from static damage.

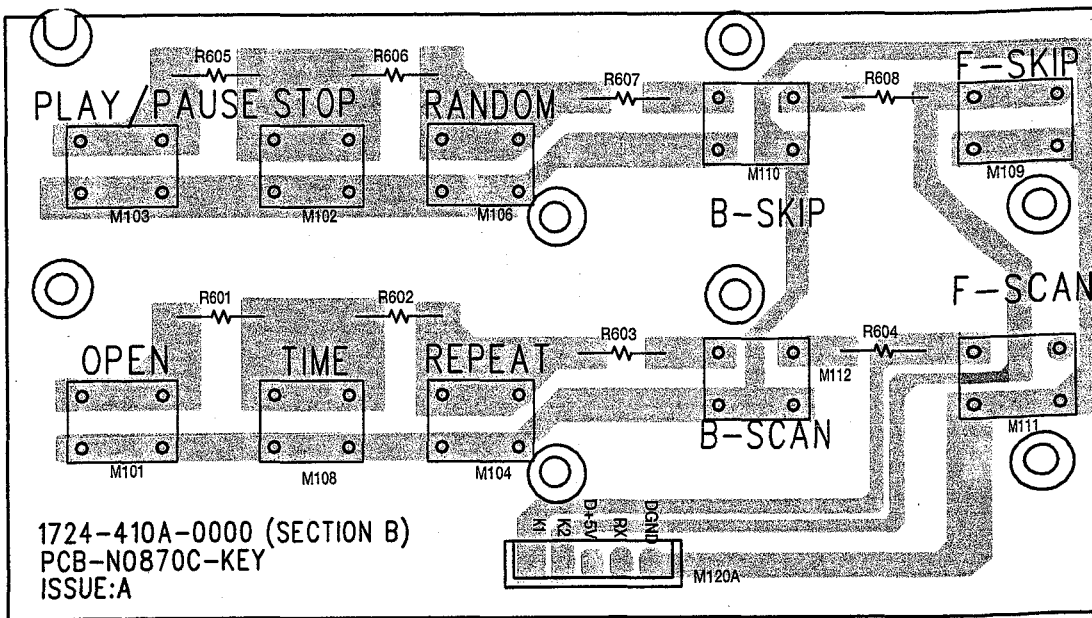


PCB LAYOUT

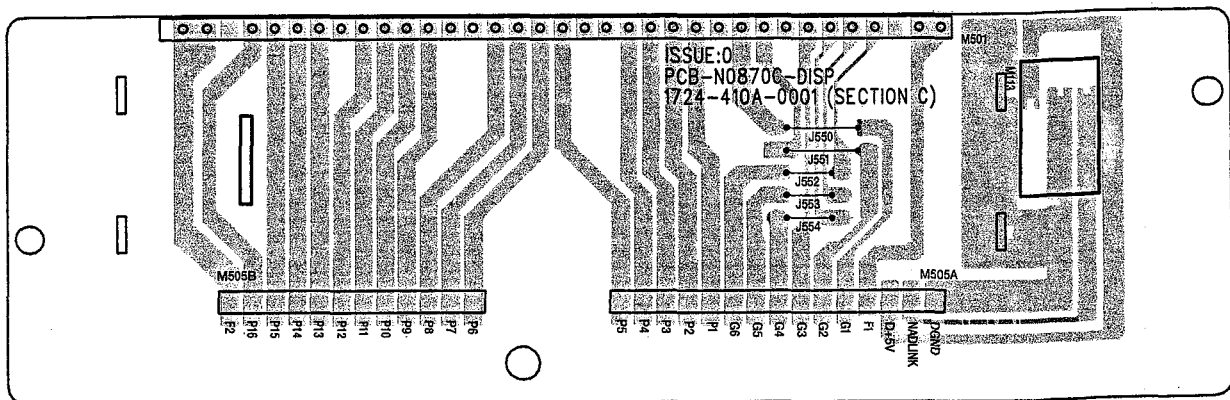
LIVE BOARD

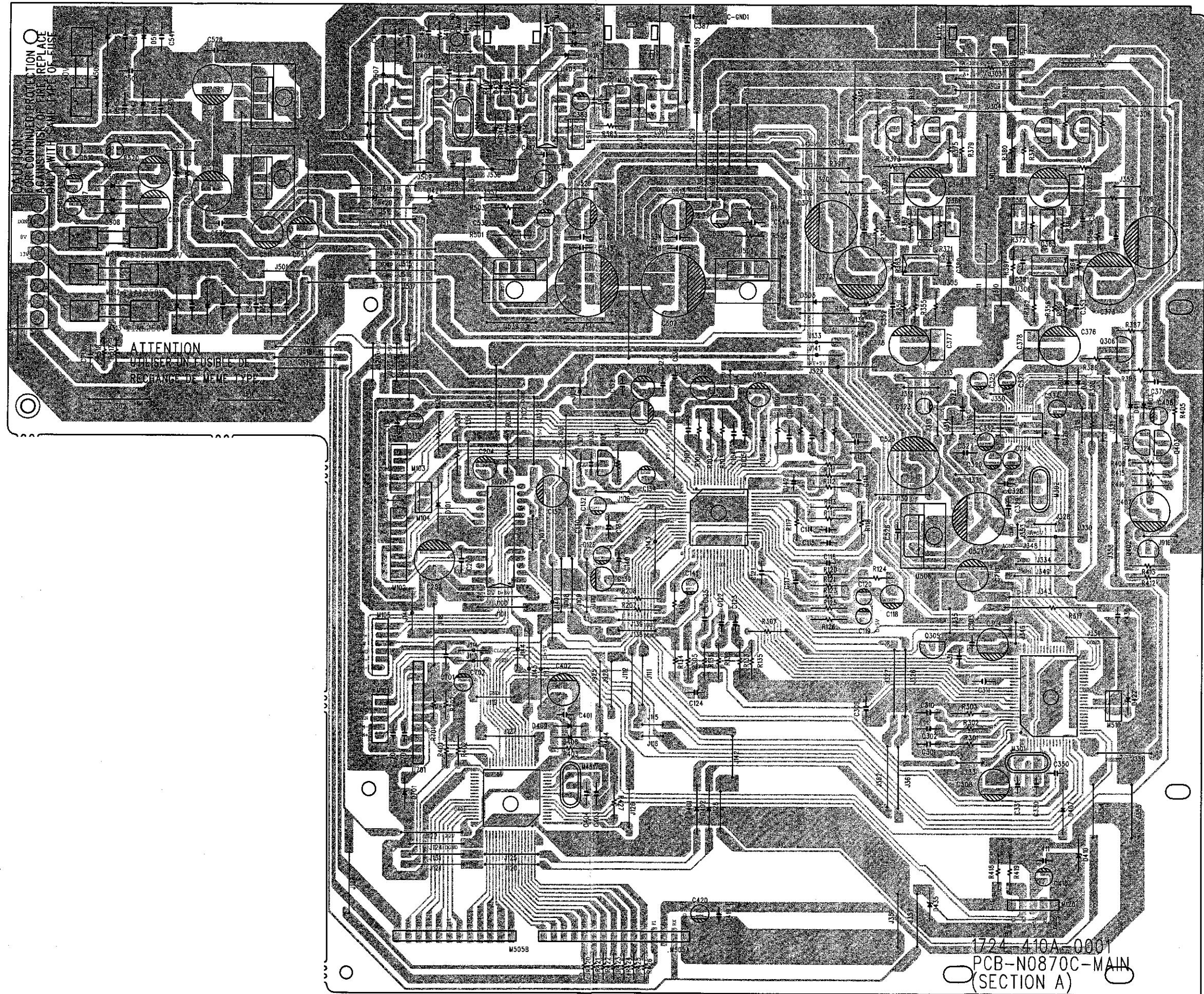


KEYBOARD

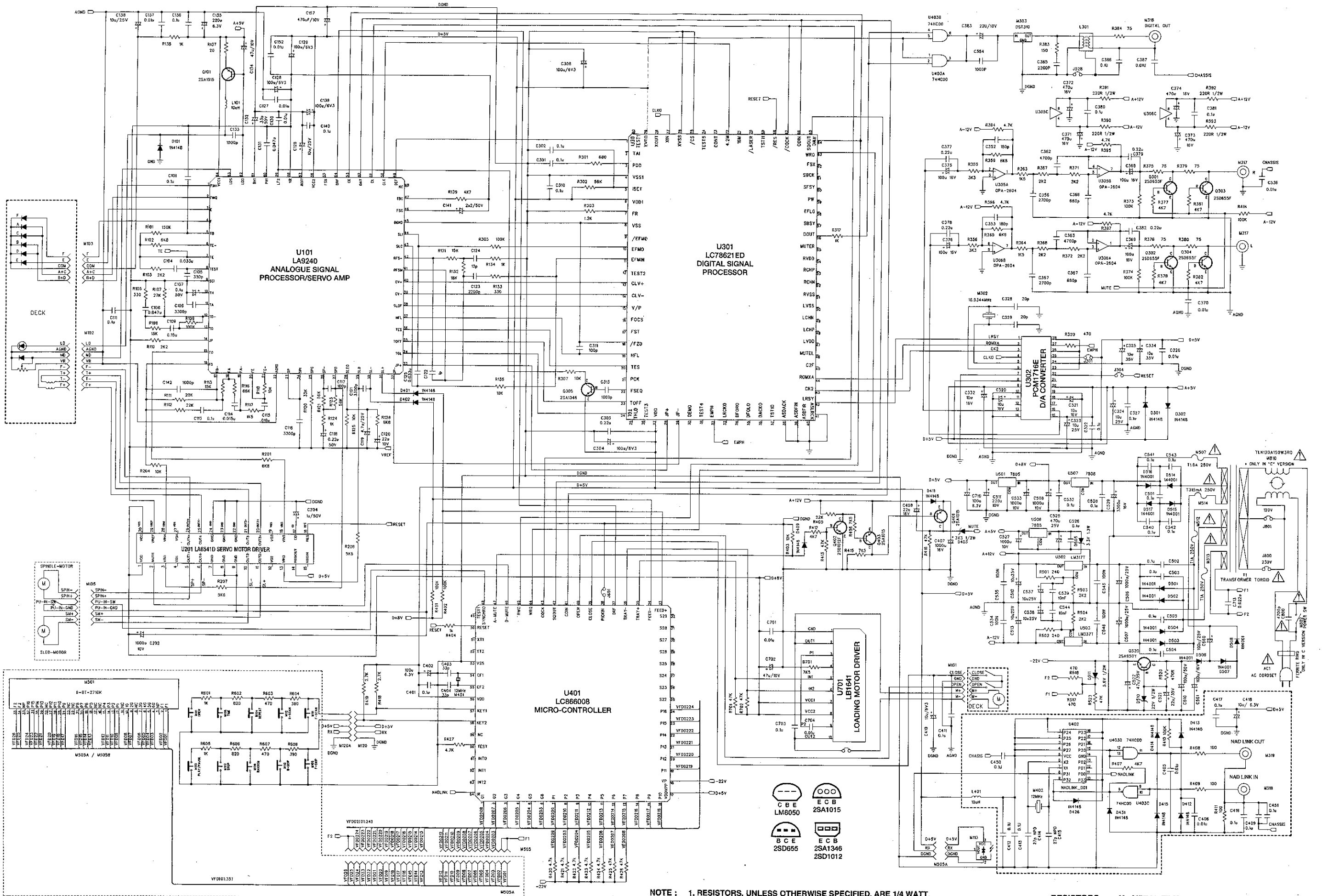


DISPLAY BOARD



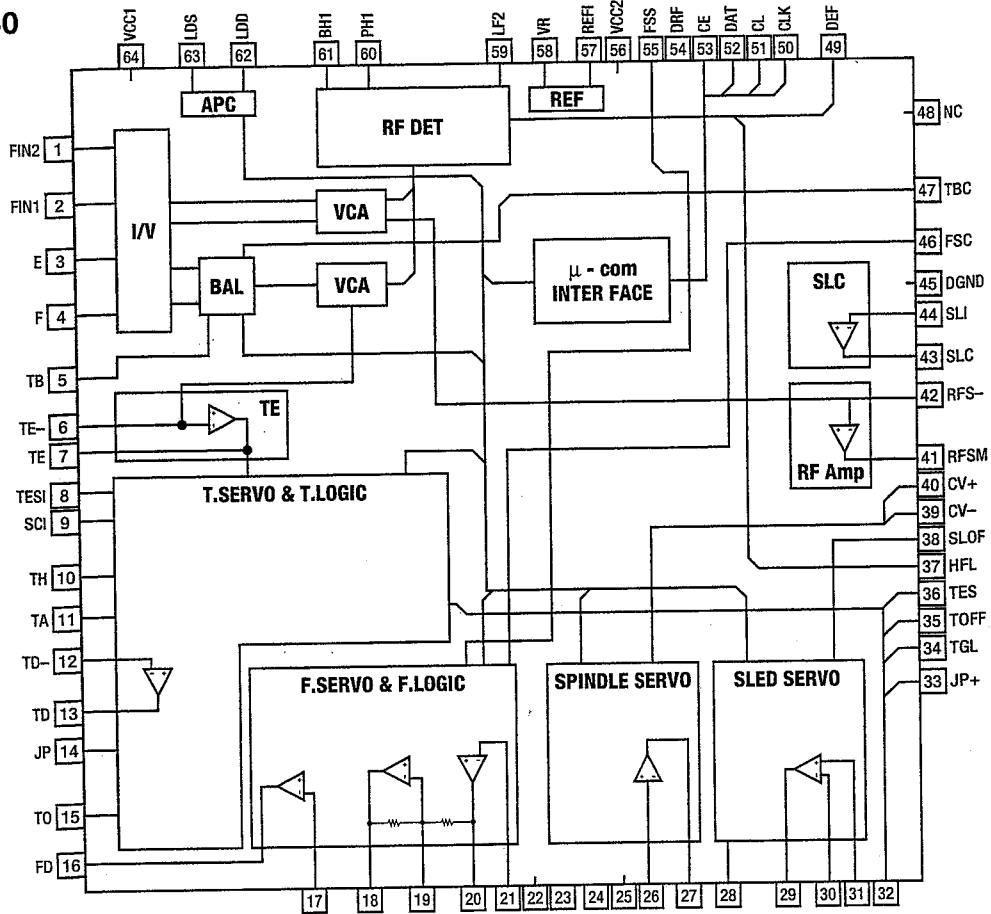


SCHEMATIC DIAGRAM

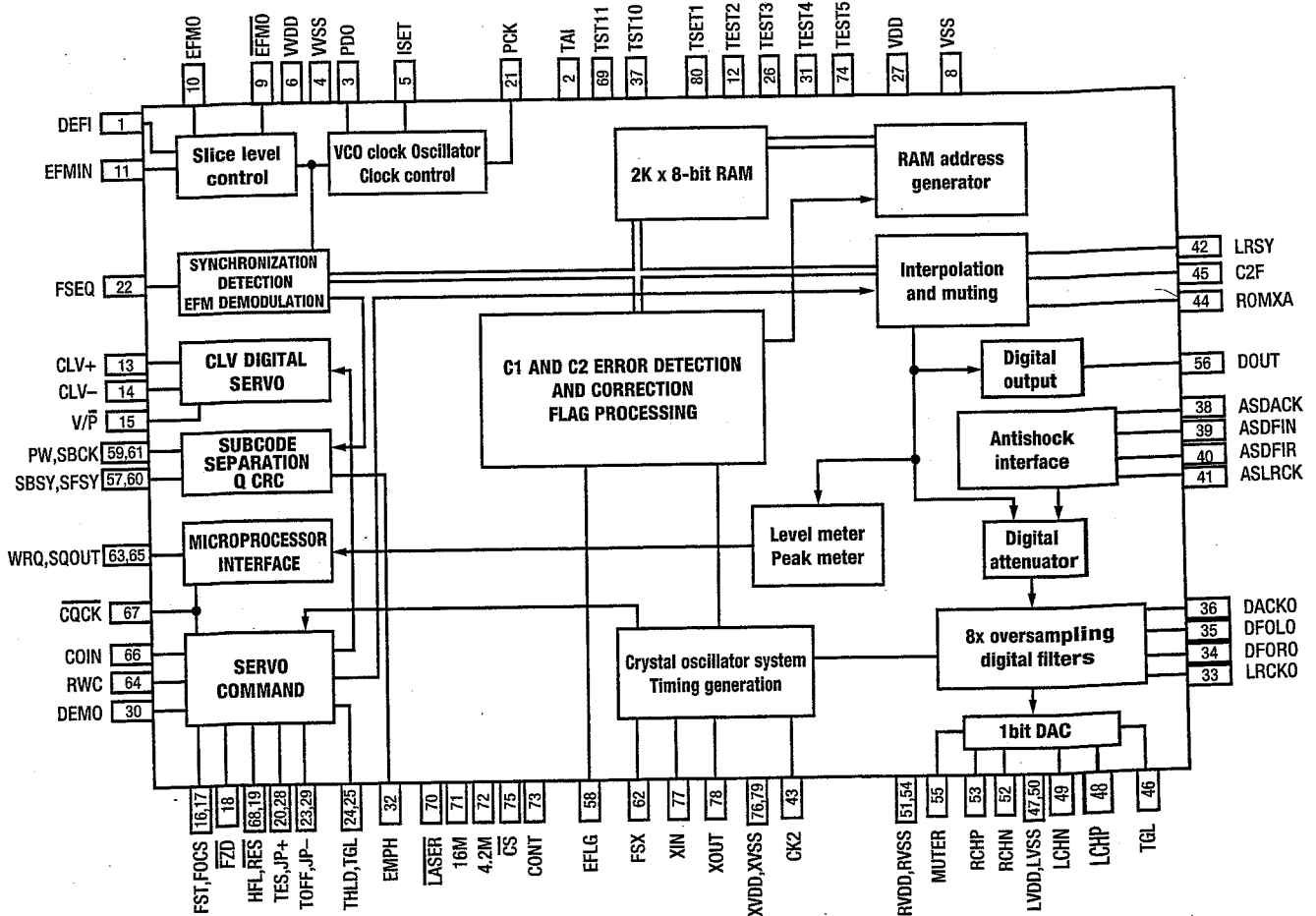


IC BLOCK DIAGRAM

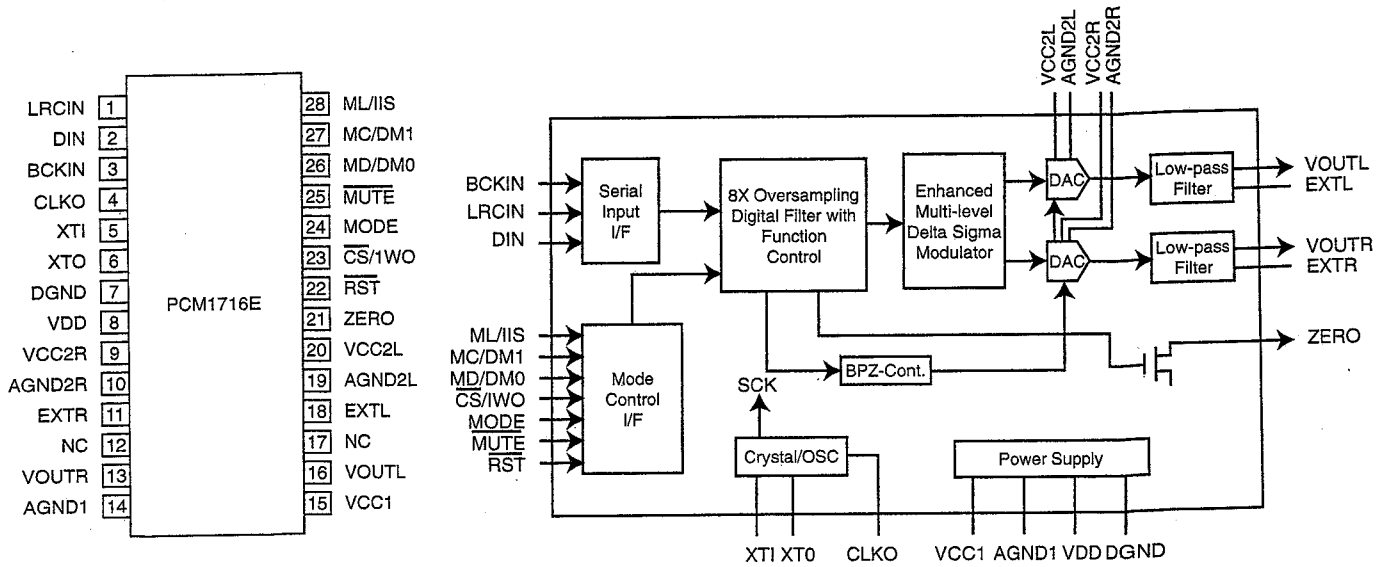
U101: LA9240



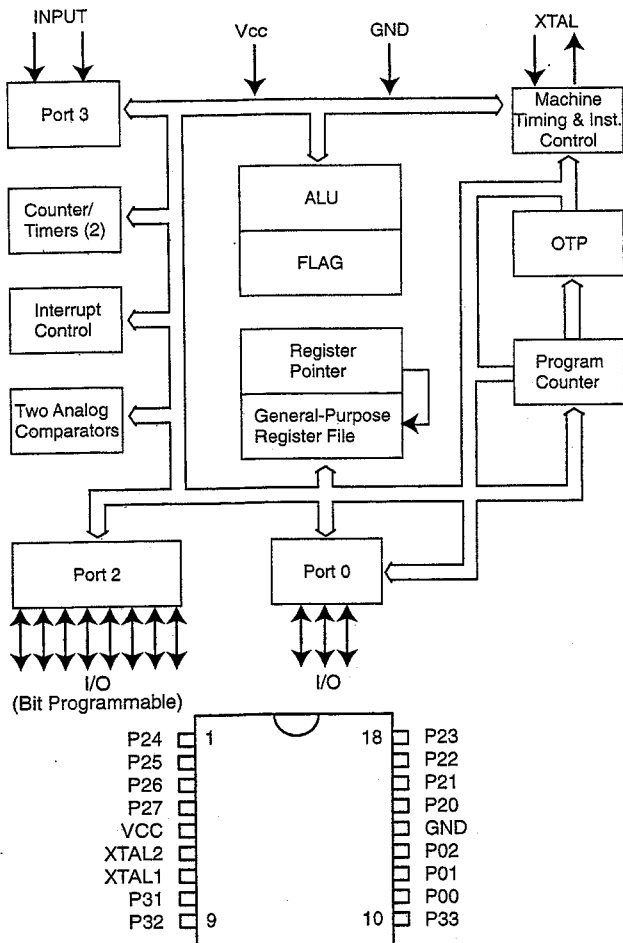
U301: LC78621ED



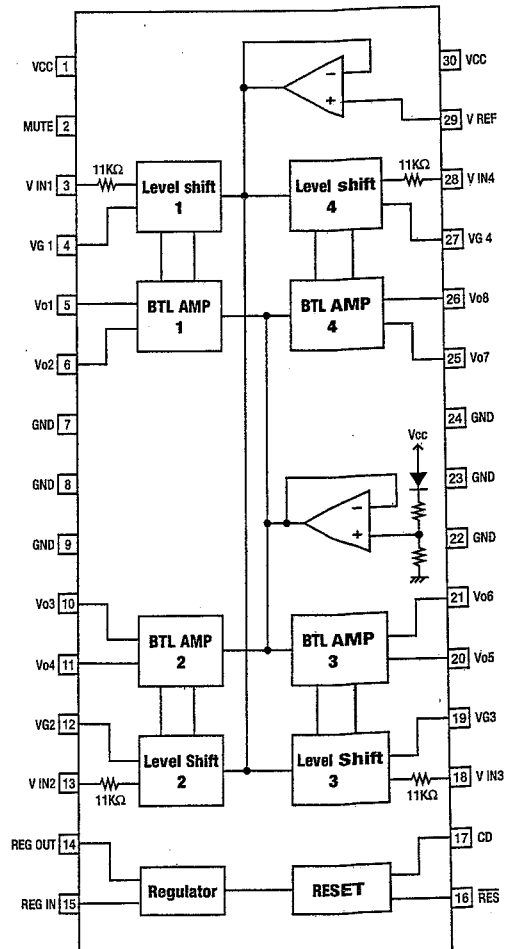
U302: PCM1716E



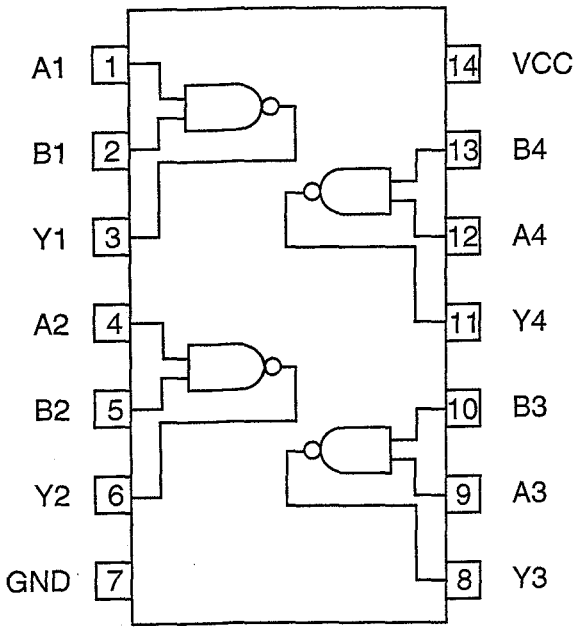
U402: NADLINK (MASKED)



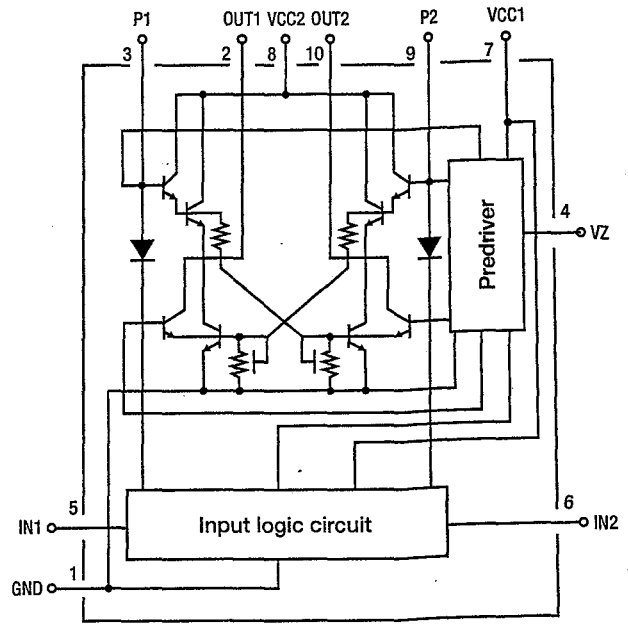
U201: LA6541D



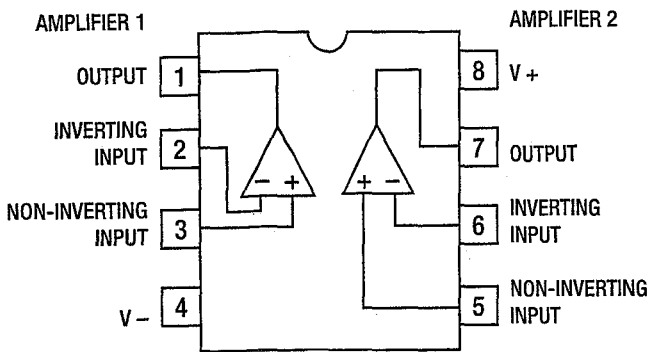
U403: 74HC00



U701: LB1641

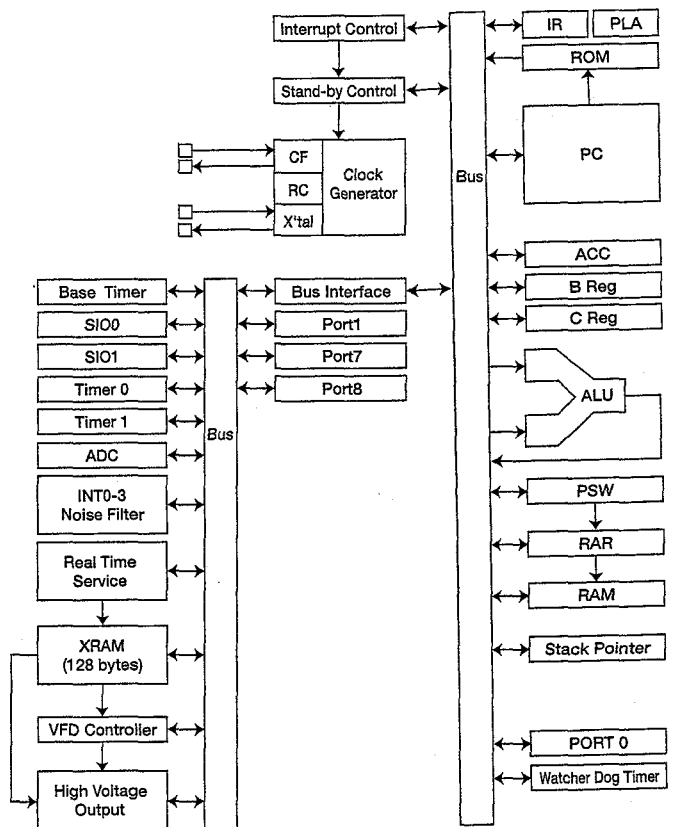
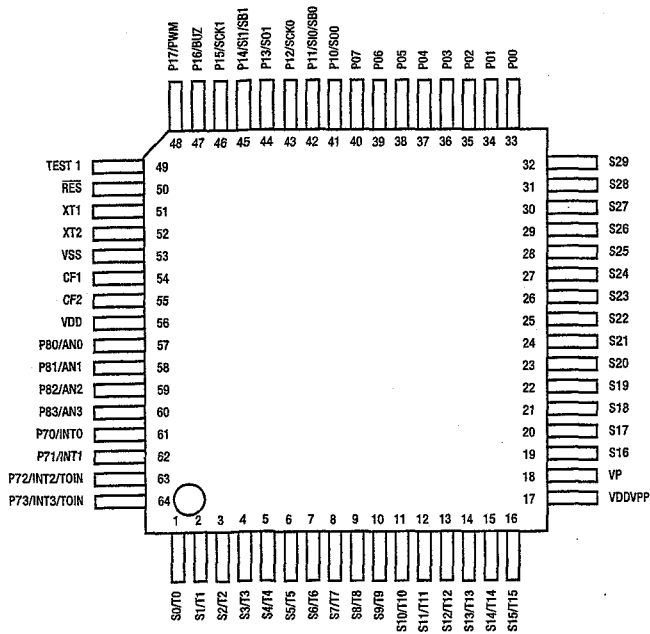


U305 - U306: OPA2604

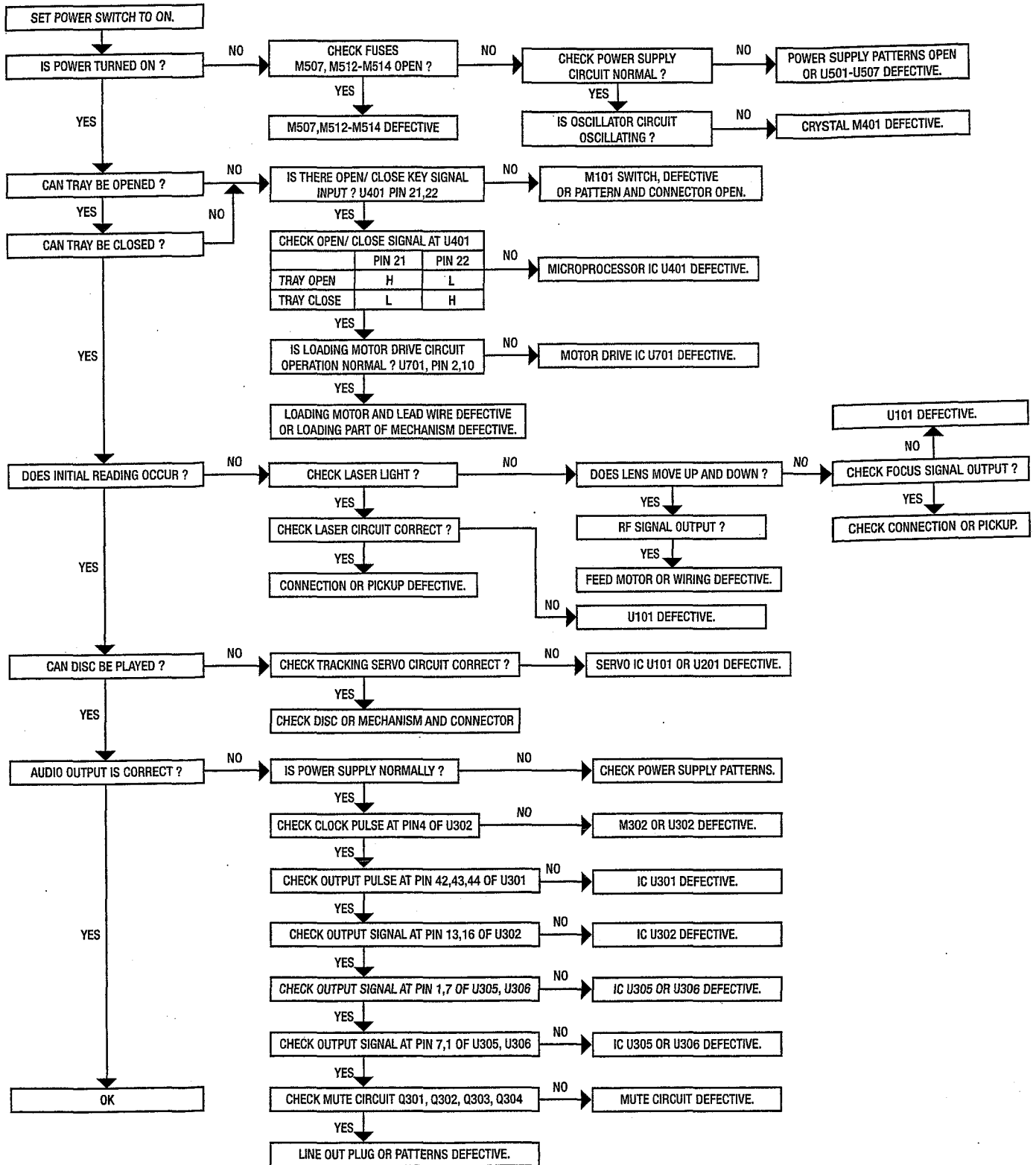


IC401: System Block Diagram LC8660/08C

U401: LC866008C



TROUBLESHOOTING GUIDE



ELECTRICAL PARTS LIST

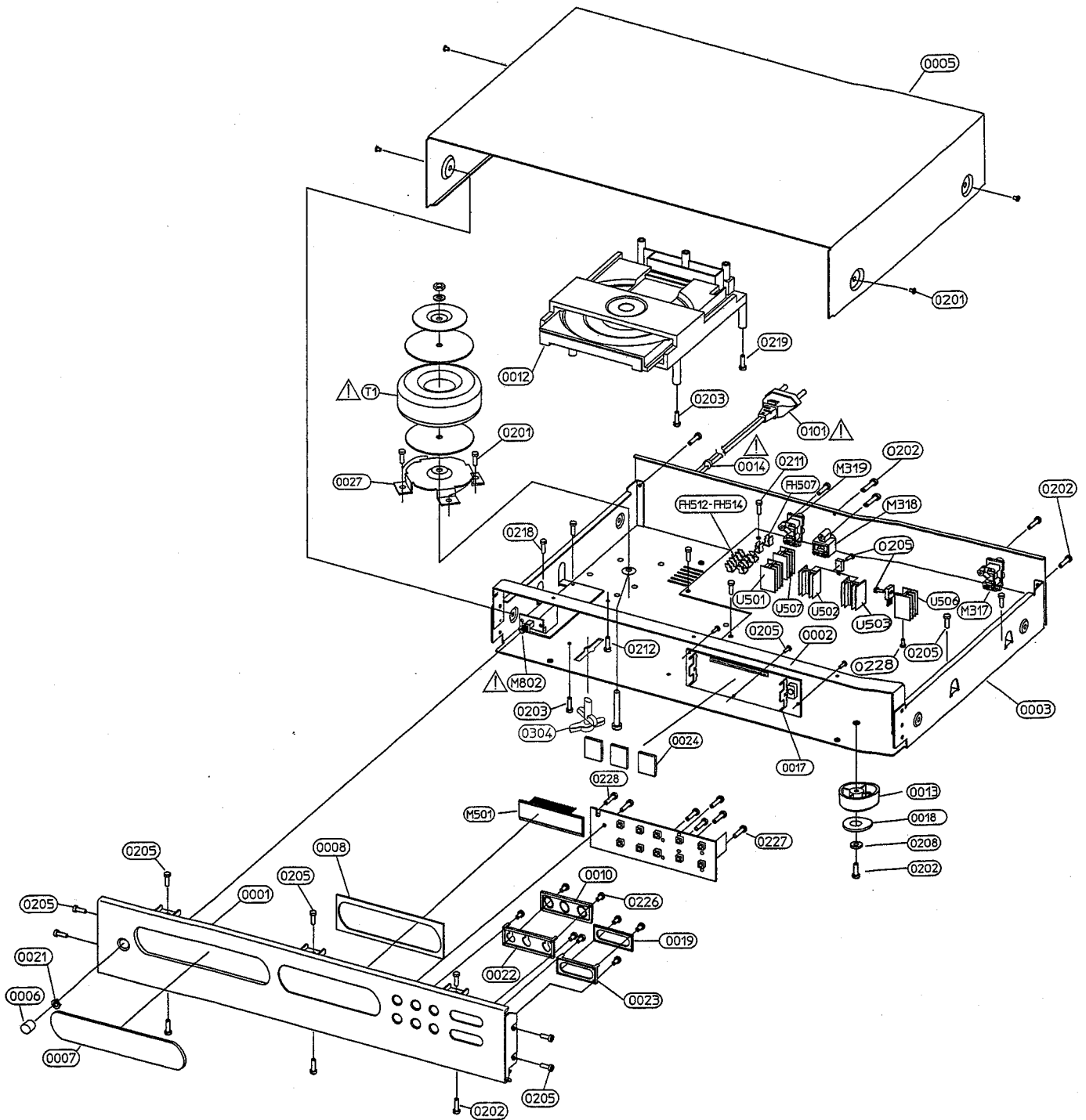
<u>Reference No.</u>	<u>Part No.</u>	<u>Description</u>
<u>DISPLAY ASSEMBLY</u> PC BOARD	PCB-N0870C-DISP	DISPLAY ASSEMBLY
IR SENSOR M113	4816-043T-3	IR SENSOR PIC-26043TM2
<u>KEYBOARD ASSEMBLY</u> PC BOARD	PCB-N0870C-KEY	KEYBOARD ASSEMBLY
SWITCHES M101-M104,M106 M108-M112	5200-3538-0 5200-3538-0	SWITCH, TACT SKHHBY SWITCH, TACT SKHHBY
<u>LIVE BOARD ASSEMBLY</u> PC BOARD *AH *C	PCB-N0870C-LIVE PCB-N0871C-LIVE	LIVE BOARD ASSEMBLY LIVE BOARD ASSEMBLY
CAPACITOR C800 △	8910-0049-0	CAP 400V 4700P DE7150F472MVA1KC
JUMPERS J801*AH J800*C M810A*AH M810B*AH	635N-0002-0 635N-0002-0 635N-0002-0 635N-0002-0	WJ ROLLER FORM D=0.6MM WJ ROLLER FORM D=0.6MM WJ ROLLER FORM D=0.6MM WJ ROLLER FORM D=0.6MM
EMI FILTER M810*C △	1806-2170-0	EMI FILTER TLN12UA
<u>MAIN BOARD ASSEMBLY</u> PC BOARD	PCB-N0870C-MAIN	MAIN BOARD ASSEMBLY
CAPACITORS C104 C106 C107 C108 C109 C114 C115 C116 C118 C119 C120 C121 C122 C123 C124 C125 C126 C127	153F-333J-5-MS 153F-473J-5-NR 157F-104M-5-GMK 153F-332J-5-KW 153F-154J-5-NLM 153F-153J-5-KP 153F-183J-5-KP 153F-332J-5-KW 157F-224M-5-GMK 157E-475M-5-GMK 157C-226M-5-IUK 153F-332J-5-KW 15CH-050D-5-GG 153F-222J-5-IM 15CH-120J-5-GG 153F-333J-5-MS 157E-106M-5-GMK 153F-103J-5-IM	CM 50V 0.033µF 5% CM 50V 0.047µF 5% CE 50V 0.1µF 20% CM 50V 3300pF 5% CM 50V 0.15µF 5% CM 50V 0.015µF 5% CM 50V 0.018µF 5% CM 50V 3300pF 5% CE 50V 0.22µF 20% CE 25V 4.7µF 20% CE 10V 22µF 20% CM 50V 3300pF 5% CC 5pF ±0.5pF NPO CM 50V 2200pF 5% CC 12pF 5% NPO CM 50V 0.033µF 5% CE 25V 10µF 20% CM 50V 0.01µ 5%

Reference No.	Part No.	Description
C128-C129	157B-107M-5-KMK	CE 6.3V 100 μ F 20%
C130	153F-103J-5-IM	CM 50V 0.01 μ 5%
C131	153F-473J-5-NR	CM 50V 0.047 μ F 5%
C132	157F-334M-5-GMK	CE 50V 0.33 μ F 20%
C133	153F-102J-5-IM	CM 50V 1000pF 5%
C134	157C-476M-5-IMK	CE 10V 47 μ F 20%
C135	157B-227M-5-LMK	CE 6.3V 220 μ F 20%
C137	153F-103J-5-IM	CM 50V 0.01 μ 5%
C138	157E-106M-5-GMK	CE 25V 10 μ F 20%
C139	157B-107M-5-KMK	CE 6.3V 100 μ F 20%
C141	157F-225M-5-GMK	CE 50V 2.2 μ F 20%
C142	153F-102J-5-IM	CM 50V 1000pF 5%
C152	153F-103J-5-IM	CM 50V 0.01 μ F 5%
C157	157C-477M-5-OVK	CE 10V 470 μ F 20%
C202	157C-108M-5-S5K	CE 10V 1000 μ F 20%
C204	157F-105M-5-GMK	CE 50V 1 μ F 20%
C205	153F-103J-5-IM	CM 50V 0.01 μ F 5%
C303	153F-223J-5-LQ	CM 50V 0.022 μ F 5%
C304,C308	157B-107M-5-KMK	CE 6.3V 100 μ F 20%
C313	153F-102J-5-IM	CM 50V 1000pF 5%
C320-C324	157D-106M-5-IUF3	CE 16V 10 μ F 20%
C325	157Q-106M-5-IUK	CE 35V 10 μ F 20%
C328-C329	15CH-200J-5-GG	CC 20pF 5% NPO
C332	157D-106M-5-IUF3	CE 16V 10 μ F 20%
C334	157Q-106M-5-IUK	CE 35V 10 μ F 20%
C356-C357	153F-272J-5-JM	CM 50V 2700pF 5%
C362-C363	153I-472K-9-NL	CM 63V 0.0047 μ F 10%
C366-C367	158F-681J-5-KW	CP 50V 680pF 5%
C368-C369	157D-107M-5-SXF3	CE 16V 100 μ F 20%
C370	153F-103J-5-IM	CM 50V 0.01 μ F 5%
C371-C374	157D-477M-5-X9F3	CE 16V 470 μ F 20%
C375-C376	157D-107M-5-SXF3	CE 16V 100 μ F 20%
C377-C379,C382	153I-224J-9-NL	CM 63V 0.22 μ F 5%
C383	157C-226M-5-IUK	CE 10V 22 μ F 20%
C384	153F-102J-5-IM	CM 50V 1000pF 5%
C385	153F-222J-5-IM	CM 50V 2200pF 5%
C402	157B-107M-5-KMK	CE 6.3V 100 μ F 20%
C403-C304	15CH-330J-5-IG	CC 33pF 5% NPO
C407	157D-108M-5-S9K	CE 16V 1000 μ F 20%
C408	157D-226M-5-GMK	CE 16V 22 μ F 20%
C410	157D-106M-5-GMK	CE 16V 10 μ F 20%
C411	153F-103J-5-IM	CM 50V 0.01 μ F 5%
C414-C415	15CH-270J-5-GG	CC 27pF 5% NPO
C418,C420	157D-106M-5-GMK	CE 16V 10 μ F 20%
C419	153F-103J-5-IM	CM 50V 0.01 μ F 5%
C506-C507	157E-108M-5-5\$F3	CE 25V 1000 μ F 20%
C508	157C-108M-5-S5K	CE 10V 1000 μ F 20%
C510	157F-107M-5-OVK	CE 50V 100 μ F 20%
C511	157C-227M-5-OMK	CE 10V 220 μ F 20%
C512-C513	157E-106M-5-IUF3	CE 25V 10 μ F 20%
C521	157F-226M-5-IUK	CE 50V 22 μ F 20%
C522	157Q-476M-5-LUA	CE 35V 47 μ F 20%
C525	157D-477M-5-X9F3	CE 16V 470 μ F 20%
C527	157C-108M-5-X&F3	CE 10V 1000 μ F 20%
C529	157D-338M-5-5&K	CE 16V 3300 μ F 20%
C533	157C-108M-5-S5K	CE 10V 1000 μ F 20%
C537-C538	157E-106M-5-IUF3	CE 25V 10 μ F 20%
C539,C544	153F-103K-5-IM	CM 50V 0.01 μ F 10%
C560-C561	157E-107M-5-KUK	CE 25V 100 μ F 20%
C701	153F-103K-5-IM	CM 50V 0.01 μ F 10%

Reference No.	Part No.	Description
C702	157C-476M-5-IMK	CE 10V 47 μ F 20%
C704	153F-103J-5-IM	CM 50V 0.01 μ F 5%
C710	157B-107M-5-KMK	CE 6.3V 100 μ F 20%
C713	153F-223K-5-LQ	CM 50V 0.022 μ F 10%
DIODES		
D101,D301-D302	4804-1480-2	DIODE 1N4148 AT
D401-D402	4804-1480-2	DIODE 1N4148 AT
D403	4837-3V31-2	DZ 1/2W 3.1-3.5V AT
D409,D411-D415	4804-1480-2	DIODE 1N4148 AT
D426,D431	4804-1480-2	DIODE 1N4148 AT
D501-D504	4804-0010-2	DIODE 1N4001 AT
D505	4840-1140-0	ZD 1.3W 3.3V 5% AT
D506-D508	4804-0010-2	DIODE 1N4001 AT
D510	4840-0850-0	ZD 1/2W 21.52-22.63V AT
D511	4837-5V61-2	DZ 1/2W 5.6V AT
D514-D517	4804-0010-2	DIODE 1N4001 AT
COIL		
L101	1801-100K-M	COIL 10UH 10% BL7.0
L301	1802-0450-0	DIGITAL COIL 015-910-27BB
CRYSTAL & RESONATORS		
M302	2300-1910-0	X'TAL 16.9344MHZ \pm 30PPM AT-51
M401-M402	2703-0190-0	CR RESONATOR CSA 12MHZ
EMC FILTER		
M303	2704-0060-0	EMC FILTER DSS31055B271M
TRANSISTORS		
Q101	4851-015Y-5	TR 2SA1015-Y HFE 120-240
Q301-Q304	4860-1780-5	TR 2SD655F HFE 600-1200
Q305	485A-1346-5	TR 2SA1346 HFE 50-100
Q401,Q403	4860-0660-5	TR 2SA1015GR
Q402	4851-012F-5	TR 2SD1012F/G HFE 160-560
Q502	485A-950Y-5	TR 2SA950-Y HFE 100-200
RESISTORS		
R361-R362,R365-R366	635N-0002-0	WJ ROLLER FORM D=0.6MM
R390-R393	4717-221J-L	RMF 1/2W 220 OHM 5%
ICs		
U101	3130-6710-0	IC LA9240 ASP
U201	3130-6720-0	IC LA6541D 4-CHANNEL BTL DRIVER
U301	3130-6700-0	IC LC78621ED DSP
U302	3130-8520-0	IC PCM1716E D/A CONVERTER 24BIT
U305-U306	3130-9340-0	IC OPA2604 OPAMP
U401	3130-9330-1	IC LC866008C MICROCONTROLLER MASKED
U402	3130-9320-0	IC NADLINK MICROCONTROLLER MASKED
U403	3130-4160-0	IC TC74HC00AP DIGITAL
U501,U506	3130-2020-3	IC 7805 5V REGULATOR
U502	3130-5610-0	IC LM317T+ADJ REGULATOR
U503	3130-5620-0	IC LM337T-ADJ REGULATOR
U507	3130-2790-1	IC NJM7808FA +8V REGULATOR
U701	3130-6560-0	IC LB1641 MOTOR DRIVER

- NOTE :**
- The components identified by Δ mark are critical for risk of fire and electrical shock.
 - Replace only with part number specified.
 - <*AH > : USA, Canadian model only.
 - <*C > : European model only.
 - Capacitors : CM-Mylar, CE-Electrolytic, CC-Ceramic.
 - Resistors : RMF-Metal Film.

EXPLODED VIEW

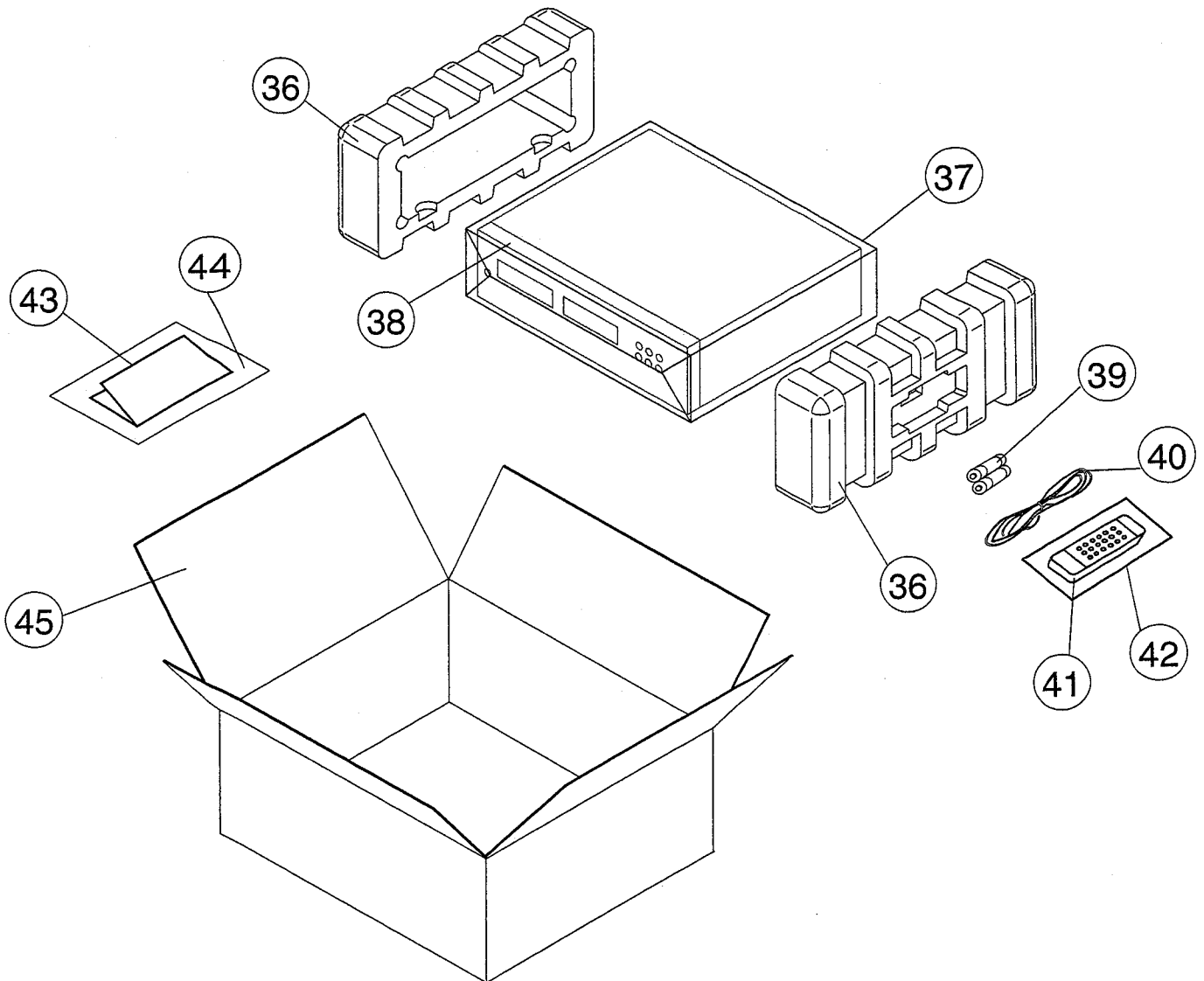


EXPLODED VIEW PARTS LIST

Item	Part No	Description	Qty
0001	1465-5702-0	FASCIA W/SS PAINT	1
0002	1402-3781-1	STRAP	1
0003*AH	1402-7764-0	CHASSIS W/SS PAINT	1
0003*C	1402-7765-0	CHASSIS W/SS PAINT	1
0005	1402-3530-0	COVER	1
0006	2442-1000-0	POWER BUTTON	1
0007	1464-6011-2	CD DOOR W/PAINT	1
0008	3716-4312-0	WINDOW LENS W/SS	1
0010	2444-1201-0	BUTTON TRIO	2
0012	4111-0901-1	CD DECK	1
0013	4152-4631-0	RUBBER FOOT 14MM HIGH	4
0014	△ 4151-9461-0	STRAIN RELIEF BUSHING 4N-4	1
0017	4134-8701-0	VFD HOLDER	2
0018	4152-4641-0	CUSHION FOOT	4
0019	2444-1301-0	BUTTON RACKER	2
0021	4152-4331-0	POWER BUTTON BEZEL	1
0022	4154-0031-0	BEZEL TRIO	2
0023	4154-0091-0	BEZEL RACKER	2
0024	4152-4841-1	BLACK CUSHION	3
0027	4104-3721-0	TRANSFORMER BRACKET	1
0101*AH △	7009-3100-2	AC CORD 18AWGX2 SPT-2 D.INSULATED UL/CSA	1
0101*C △	7009-3110-0	AC CORD SEMKO	1
0201	2900-4006-3010	M4X0.5PX6MM W/FLAT WASHER	8
0202	2954-3008-3000	TAPPING SCREW 3X8MM (BLK.ZN)	13
0203	2954-3010-3000	TAPPING SCREW 3X10MM (BLK.ZN)	2
0205	2954-3008-0000	TAPPING SCREW 3X8MM (YEL.ZN)	14
0208	2842-3367-0	METAL WASHER ID=3.3 OD=6.7	4
0211	2904-3006-0000	SCREW M3X6 (YEL.ZN)	4
0212	2954-3510-3000	TAPPING SCREW 3.5X10MM (BLK.ZN)	1
0218	2954-3008-0000	TAPPING SCREW 3X8MM (YEL.ZN)	2
0219	2954-4010-3000	SCREW TAP-C2 BH M4X 10 M M BZ CROSS	1
0226	2954-2006-0000	TAPPING SCREW 2X6MM (YEL.ZN)	8
0227	2954-2608-0000	TAPPING SCREW 2.6X8MM (YEL.ZN)	7
0228	2950-2608-3000	TAPPING SCREW 2.6X8MM PH (BLK.ZN)	6
0304	1463-160B-0	CD TRANSIT LOCK	1
FH507	4131-9131-0	FUSE HOLDER 6.5MM PITCH RECT	2
FH512-FH514	4131-9131-0	FUSE HOLDER 6.5MM PITCH RECT	6
M317	2113-1300-0	2P RCA JACK W/R AU W/SHIELD	1
M318	2113-1170-0	1P RCA JACK YL AU HTJ-032-09	1
M319	2113-1121-0	2P RCA JACK Y/Y AU HSP-242V-22	1
M501	2460-1870-0	VFD 6-BT-271GK	1
M802 △	5200-3151-0-01	POWER SWITCH	1
T1 △	1806-2512-0	TRANSFORMER I/P120/230V	1
U501-U503	5400-9130-0	HEAT SINK FOR 7805 2438- 17	3
U506-U507	5400-9130-0	HEAT SINK FOR 7805 2438- 17	2

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PACKING DIAGRAM



ITEM	PART NO.	DESCRIPTION	Q'TY
36	1490-1783-0	POLYFOAM ENDCAP	2
37	1497-1332-1	UNIT POLYBAG	1
38	1497-1432-0	FASCIA COVER	1
39	4060-0530-0	BATTERIES	2
40	2103-7302-1	RCA CABLE	1
41	8900-9180-0	REMOTE CONTROL HANDSET	1
42	1497-1302-0	REMOTE CONTROL POLYBAG	1
43	4301-4837-0	INSTRUCTION MANUAL	1
44	1497-1062-0	MANUAL POLYBAG	1
45	1480-0301-1	CARTON BOX	1

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