

Service manual
LD-850 Portable DVD

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SECTION 1

SUMMARY

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PRODUCT SAFETY SERVICING GUIDELINES FOR VIDEO PRODUCTS

CAUTION: DO NOT ATTEMPT TO MODIFY THIS PRODUCT IN ANY WAY, NEVER PERFORM CUSTOMIZED INSTALLATIONS WITHOUT MANUFACTURER' S APPROVAL. UNAUTHORIZED MODIFICATIONS WILL NOT ONLY VOID THE WARRANTY, BUT MAY LEAD TO YOUR BEING LIABLE FOR ANY RESULTING PROPERTY DAMAGE OR USER INJURY.

SERVICE WORK SHOULD BE PERFORMED ONLY AFTER YOU ARE THOROUGHLY FAMILIAR WITH ALL OF THE FOLLOWING SAFETY CHECKS AND SERVICING GUIDELINES. TO DO OTHERWISE, INCREASES THE RISK OF POTENTIAL HAZARDS AND INJURY TO THE USER.

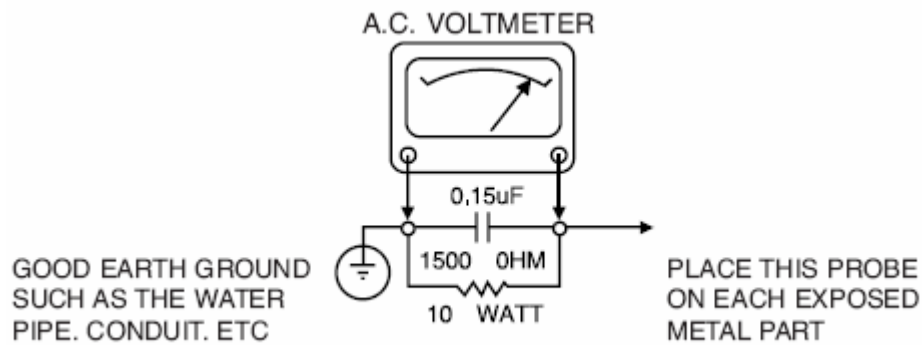
WHILE SERVICING, USE AN ISOLATION TRANSFORMER FOR PROTECTION FROM A. C. LINE SHOCK.

SAFETY CHECKS

AFTER THE ORIGINAL SERVICE PROBLEM HAS BEEN CORRECTED. A CHECK SHOULD BE MADE OF THE FOLLOWING.

SUBJECT: FIRE & SHOCK HAZARD

1. BE SURE THAT ALL COMPONENTS ARE POSITIONED IN SUCH A WAY AS TO AVOID POSSIBILITY OF ADJACENT COMPONENT SHORTS. THIS IS ESPECIALLY IMPORTANT ON THOSE MODULES WHICH ARE TRANSPORTED TO AND FROM THE REPAIR SHOP.
2. NEVER RELEASE A REPAIR UNLESS ALL PROTECTIVE DEVICES SUCH AS INSULATORS, BARRIERS, COVERS, SHIELDS, STRAIN RELIEFS, POWER SUPPLY CORDS, AND OTHER HARDWARE HAVE BEEN REINSTALLED PER ORIGINAL DESIGN. BE SURE THAT THE SAFETY PURPOSE OF THE POLARIZED LINE PLUG HAS NOT BEEN DEFEATED.
3. SOLDERING MUST BE INSPECTED TO DISCOVER POSSIBLE COLD SOLDER JOINTS, SOLDER SPLASHES OR SHARP SOLDER POINTS. BE CERTAIN TO REMOVE ALL LOOSE FORING PARTICLES.
4. CHECK FOR PHYSICAL EVIDENCE OF DAMAGE OR DETERIORATION TO PARTS AND COMPONENTS. FOR FRAYED LEADS, DAMAGED INSULATION (INCLUDING A. C. CORD). AND REPLACE IF NECESSARY FOLLOW ORIGINAL LAYOUT, LEAD LENGTH AND DRESS.
5. NO LEAD OR COMPONENT SHOULD TOUCH A RECEIVING TUBE OR A RESISTOR RATED AT 1 WATT OR MORE. LEAD TENSION AROUND PROTRUDING METAL SURFACES MUST BE AVOIDED.
6. ALL CRITICAL COMPONENTS SUCH AS FUSES, FLAMEPROOF RESISTORS, CAPACITORS, ETC. MUST BE REPLACED WITH EXACT FACTORY TYPES, DO NOT USE REPLACEMENT COMPONENTS OTHER THAN THOSE SPECIFIED OR MAKE UNRECOMMENDED CIRCUIT MODIFICATIONS.
7. AFTER RE-ASSEMBLY OF THE SET ALWAYS PERFORM AN A. C. LEAKAGE TEST ON ALL EXPOSED METALLIC PARTS OF THE CABINET, (THE CHANNEL SELECTOR KNOB, ANTENNA TERMINALS. HANDLE AND SCREWS) TO BE SURE THE SET IS SAFE TO OPERATE WITHOUT DANGER OF ELECTRICAL SHOCK. DO NOT USE A LINE ISOLATION TRANSFORMER DURING THIS TEST USE AN A. C. VOLTMETER, HAVING 5000 OHMS PER VOLT OR MORE SENSITIVITY, IN THE FOLLOWING MANNER; CONNECT A 1500 OHM 10 WATT RESISTOR, PARALLELED BY A .15 MFD. 150. V A. C TYPE CAPACITOR BETWEEN A KNOWN GOOD EARTH GROUND (WATER PIPE, CONDUIT, ETC.) AND THE EXPOSED METALLIC PARTS, ONE AT A TIME. MEASURE THE A. C. VOLTAGE ACROSS THE COMBINATION OF 1500 OHM RESISTOR AND .15 MFD CAPACITOR. REVERSE THE A. C. PLUG AND REPEAT A. C. VOLTAGE MEASUREMENTS FOR EACH EXPOSED METALLIC PART. VOLTAGE MEASURED MUST NOT EXCEED 75 VOLTS R. M. S. THIS CORRESPONDS TO 0.5 MILLIAMPS A. C. ANY VALUE EXCEEDING THIS LIMIT CONSTITUTES A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED IMMEDIATELY.



SUBJECT:GRAPHIC SYMBOLS



THE LIGHTNING FLASH WITH APROWHEAD SYMBOL. WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITITE A RISK OF ELECTRIC SHOCK.



THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF IMPORTANT SAFETY INFORMATION IN SERVICE LITERATURE.

SUBJECT:X-RADIATION

1. BE SURE PROCEDURES AND INSTRUCTIONS TO ALL SERVICE PERSONNEL COVER THE SUBJECT OF X-RADIATION. THE ONLY POTENTIAL SOURCE OF X-RAYS IN CURRENT T. V. RECEIVERS IS THE PICTURE TUBE. HOWEVER, THIS TUBE DOES NOT EMIT X-RAYS WHEN THE HIGH VOLTAGE IS AT THE FACTORY SPECIFIED LEVEL. THE PROPER VALUE IS GIVEN IN THE APPLICABLE SCHEMATIC. OPERATION AT HIGHER VOLTAGES MAY CARSE A FAILURE OF THE PICTURE TUBE OR HIGH VOLTAGE SUPPLY AND, UNDER CERTAIN CIRCUMSTANCES, MAY PRODUCE RADIATION IN EXCESS OF DESIRABLE LEVELS.
2. ONLY FACTORY SPECIFIED C. R. T. ANODE CONNECTORS MUST BE USED. DEGAUSSING SHIELDS ALSO SERVE AS X-RAY SHIELD IN COLOR SETS, ALWAYS RE-INSTALL THEM.
3. IT IS ESSNTIAL THAT SERVICE PERSONNEL HAVE AVAILABLE AN ACCURATE AND RELIABLE HIGH VOLTAGE METER. THE CALIBRA TION OF THE METER SHOULD BE CHECKED PERIODICALLY AGAINST A REFERENCE STANDARD, SUCH AS THE ONE AVAILABLE AT YOUR DISTRIBUTOR.
4. WHEN THE HIGH VOLTAGE CIRCUITRY IS OPERATING PROPERLY THERE IS NO POSSIBILITY OF AN X-RADIATION PROBLEM. EVERY TIME A COLOR CHASSIS IS SERVICED. THE BRIGHTNESS SHOULD BE RUN UP AND DOWM WHILE MONITORING THE HIGH VOLTAGE WITH A METER TO BE CERTAIN THAT THE HIGH VOLTAGE DOES NOT EXCEED THE SPECIFIED VALUE AND THAT IT IS REGULATING CORRECTLY, WE SUGGEST THAT YOU AND YOUR SERVICE ORGANIZATION REVIEW TEST PROCEDURES SO THAT VOLAGE REGULATION IS ALWAYS CHECKED AS A STANDARD SERVICING PROCEDURE. AND THAT THE HIGH VOLTAGE READING BE RECORDER ON EACH CUSTOMER' S INVOICE.

5. WHEN TROUBLESHOOTING AND MAKING TEST MEASUREMENTS IN A PRODUCT WITH A PROBLEM OF EXCESSIVE HIGH VOLTAGE, AVOID BEING UNNECESSARILY CLOSE TO THE PICTURE TUBE AND THE HIGH VOLTAGE SUPPLY. DO NOT OPERATE THE PRODUCT LONGER THAN IS NECESSARY TO LOCATE THE CARSE OF EXCESSIVE VOLTAGE.
6. REFER TO HV. B+ AND SHUTDOWN ADJUSTMENT PROCEDURES DESCRIBED IN THE APPROPRIATE SCHEMATIC AND DIAGRAMS (WHERE USED).

SUBJECT:IMPLOSION

1. ALL DIRECT VIEWED PICTURE TUBES ARE EQUIPPED WITH AN INTEGRAL IMPLOSION PROTECTION SYSTEM. BUT CARE SHOULD BE TAKEN TO AVOID DAMAGE DURING INSTALLATION, AVOID SCRATCHING THE TUBE. IF SCRATCHED REPLACE IT.
2. USE ONLY RECOMMENDED FACTORY REPLACEMENT TUBES.

SUBJECT:TIPS ON PROPER INSTALLATION

1. NEVER INSTALL ANY PRODUCT IN A CLOSED-IN RECESS, CUBBYHOLE OR CLOSELY FITTING SHELF SPACE. OVER OR CLOSE TO HEAT DUCT, OR IN THE PATH OF HEATED AIR FLOW.
2. AVOID CONDITIONS OF HIGH HUMIDITY SUCH AS: OUTDOOR PATIO INSTALLATIONS WHERE DEW IS A FACTOR, NEAR STEAM RADIATORS WHERE STEAM LEAKAGE IS A FACTOR, ETC.
3. AVOID PALCEMENT WHERE DRAPERIES MAY OBSTRUCT REAR VENTING. THE CUSTOMER SHOULD ALSO AVOID THE USE OF DECORATIVE SCARVES OR OTHER COVERINGS WHICH MIGHT OBSTRUCT VENTILATION.
4. WALL AND SHELF MOUNTED INSTALLATIONS USING A COMMERCIAL MOUNTING KIT. MUST FOLLOW THE FACTORY APPROVED MOUNTING INSTRUCTIONS A PRODUCT MOUNTED TO A SHELF OR PLATFORM MUST RETAIN ITS ORIGINAL FEET (OR THE EQUIVALENT THICKNESS IN SPACERS) TO PROVIDE ADEQUATE AIR FLOW ACROSS THE BOTTOM, BOLTS OR SCREWS USED FOR FASTENERS MUST NOT TOUCH ANY PABTS OR WIRING.PERFORM LEAKAGE TEST ON CUSTOMIZED INSTALLATIONS.
5. CAUTION CUSTOMERS AGAINST THE MOUNTING OF A PRODUCT ON SLOPING SHELF OR A TILTED POSITION, UNLESS THE PRODUCT IS PROPERLY SECURED.
6. A PRODUCT ON A ROLL-ABOUT CART SHOULD BE STABLE ON ITS MOUNTING TO THE CART. CAUTION THE CUSTOMER ON THE HAZARDS OF TRYING TO ROLL A CART WITH SMALL CASTERS ACROSS THRESHOLDS OR DEEP PILE CARPETS.
7. CAUTION CUSTOMERS AGAINST THE USE OF A CART OR STAND WHICH HAS NOT BEEN LISTED BY UNDERWRITERS LABORATORIES, INC. FOR USE WITH THEIR SPECIFIC MODEL OF THEIR SPECIFIC MODEL OF TELEVISION RECEIVER OR GENERICALLY APPROVED FOR USE WITH T. V. ' S OF THE SAME OR LARGER SCREEN SIZE.
8. CAUTION CUSTOMERS AGAINST THE USE OF EXTENSION CORDS, EXPLAIN THAT A FOREST OF EXTENSIONS SPROUTING FROM A SINGLE OUTLET CAN LEAD TO DISASTROUS CONSEQUENCES TO HOME AND FAMILY.

SERVICING PRECAUTIONS

CAUTION: Before servicing the PORTABLE DVD covered by this service data and its supplements and addends, read and follow the **SAFETY PRECAUTIONS**.

NOTE : if unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions in this publications, always follow the safety precautions.

Remembers Safety First:

General Servicing Precautions

1. Always unplug the **PORTABLE DVD AC** power cord from the **AC power source** before

- (1) Removing or reinstalling any component, circuit board, module, or any other assembly.
- (2) Disconnection or reconnecting any internal electrical plug or other electrical connection.
- (3) Connecting a test substitute in parallel with an electrolytic capacitor.

Caution: A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

2. Do not spray chemicals on or near this **PORTABLE DVD** or any of its assemblies.

3. Unless specified otherwise in this service data, clean electrical contacts by applying an appropriate contact cleaning solution to the

contacts with a pipe cleaner, cotton-tipped swab, or comparable soft applicator.

Unless specified otherwise in this service data, lubrication of contacts is not required.

4. Do not defeat any plug/socket B+ voltage interlocks with which instruments covered by this service manual might be equipped.
5. Do not apply AC power to this PORTABLE DVD and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.
6. Always connect test instrument ground lead to the appropriate ground before connection the test instrument positive lead. Always remove the test instrument ground lead last.

Insulation Checking Procedure

Disconnect the attachment plug from the AC outlet and turn the power on. Connect an insulation resistance meter(500V) to the blades of the attachment plug. The insulation resistance between each blade of the attachment plug and accessible conductive parts (Note 1) should be more than 1Mohm.

Note1: Accessible Conductive Parts including Metal panels, input terminals, Earphone jacks, etc.

Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically

Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field effect transistors and semiconductor chip components.

The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charge sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by

conductive foam, aluminum foil, or comparable conductive material).

7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Normally harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

FUNCTION FEATURES

High-quality Audio and Video

AV IN

External Audio, Video input can be connected to most external AV sources.

AV Out

Audio output and video output.

Advanced Playing Function

Compatibility

Compatible with DVD, CD , Picture CD, DIVX discs, etc.

ON-Screen Display

You can choose English or Russian as the On-screen Display language.

Particular Performance

fast forward, fast backward and slow backward.

Search By Time

Search for a certain track of a disc by selected time.

Last Memory Playback

Memorizes the stopped playback track and continues playing the disk from this spot on power on status or without opening the disc tray cover.

Special Functions

Supports screen aspect ratio changing, zooming function,

Multi-language caption, multi-angle.

Other Special Functions

High Resolution

MPEG-2 decoding format achieves more than 500 lines of horizontal resolution.

Power Adapter Switch

Automatically adapts to voltage requirements in U.S and other countries.

Region code information

DVD players and discs are coded by region. These regional codes must match. If the codes don' t match, the disc cannot be played. This player' s code is region 5.

SECTION 2

ELECTRICAL

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LCD PART

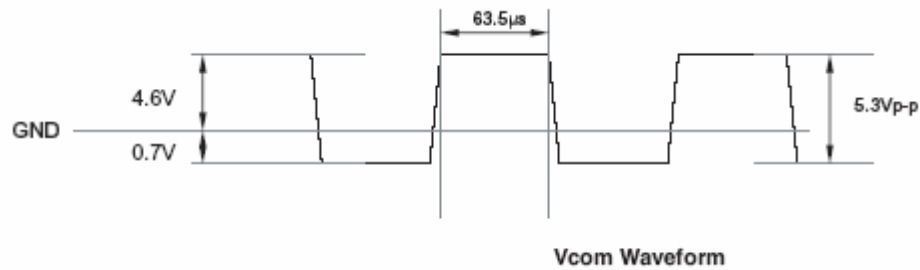
1) Power measuring

Measure each power after power supply.

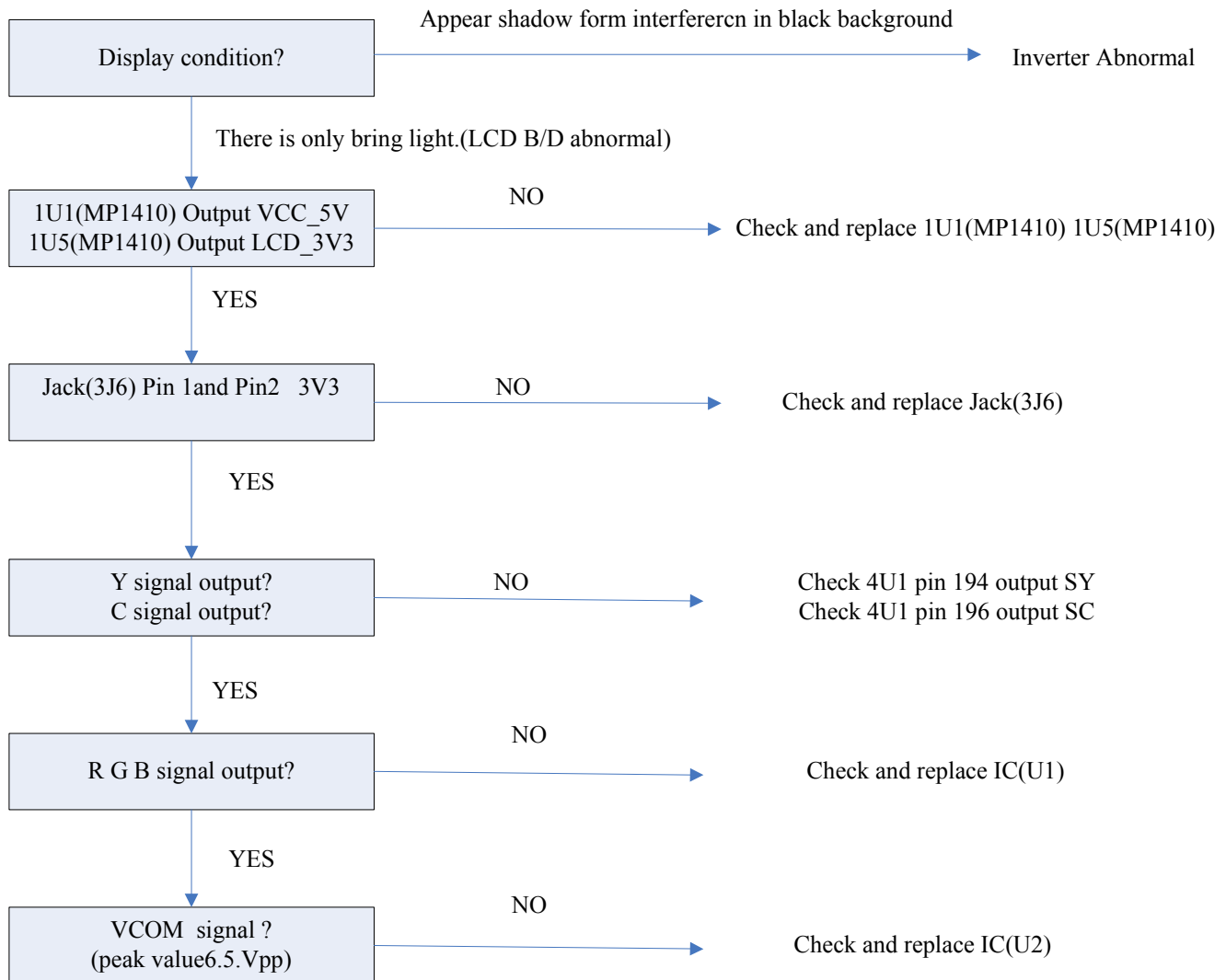
C24:-10V, C76:+15V, C47 (+) :+7.5V, C97(+):+5V, C112(+):3.3V

2) VCOM waveform sdjustment

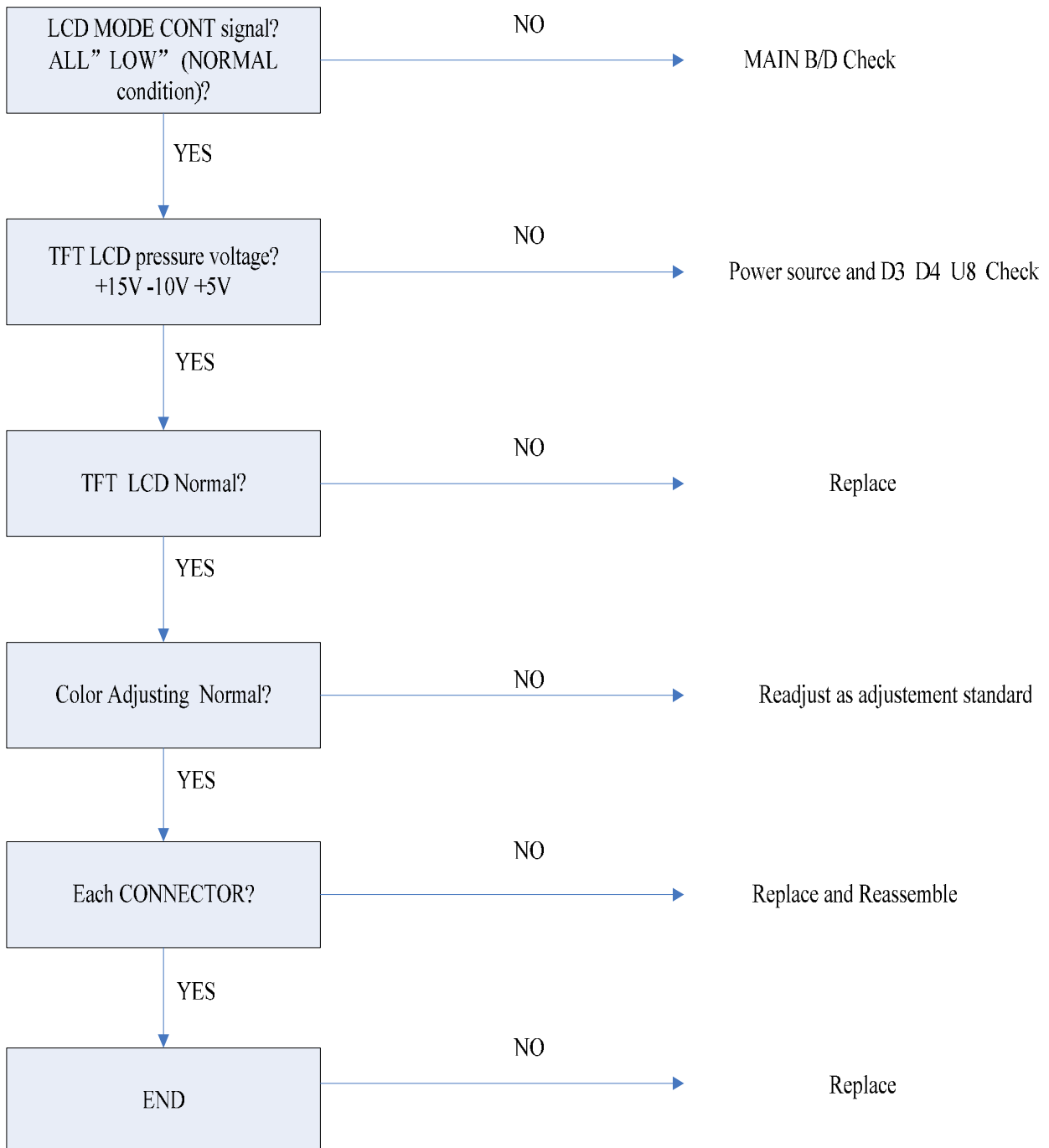
Adjust the VCOM level while changing the VR1 as below waveform by using the scope in the C56.



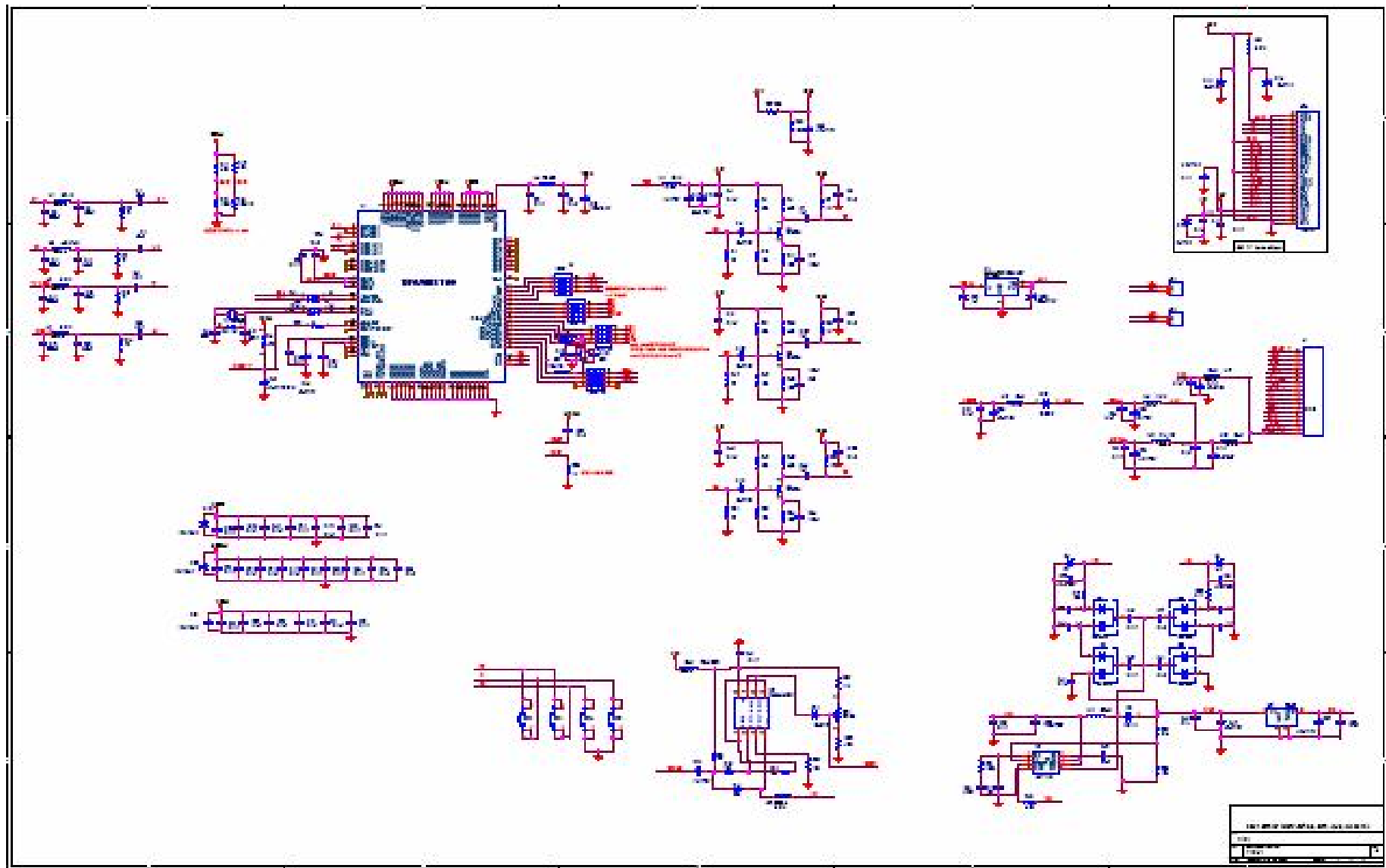
LCD TROUBLE SHOOTING GUIDE(1/2)



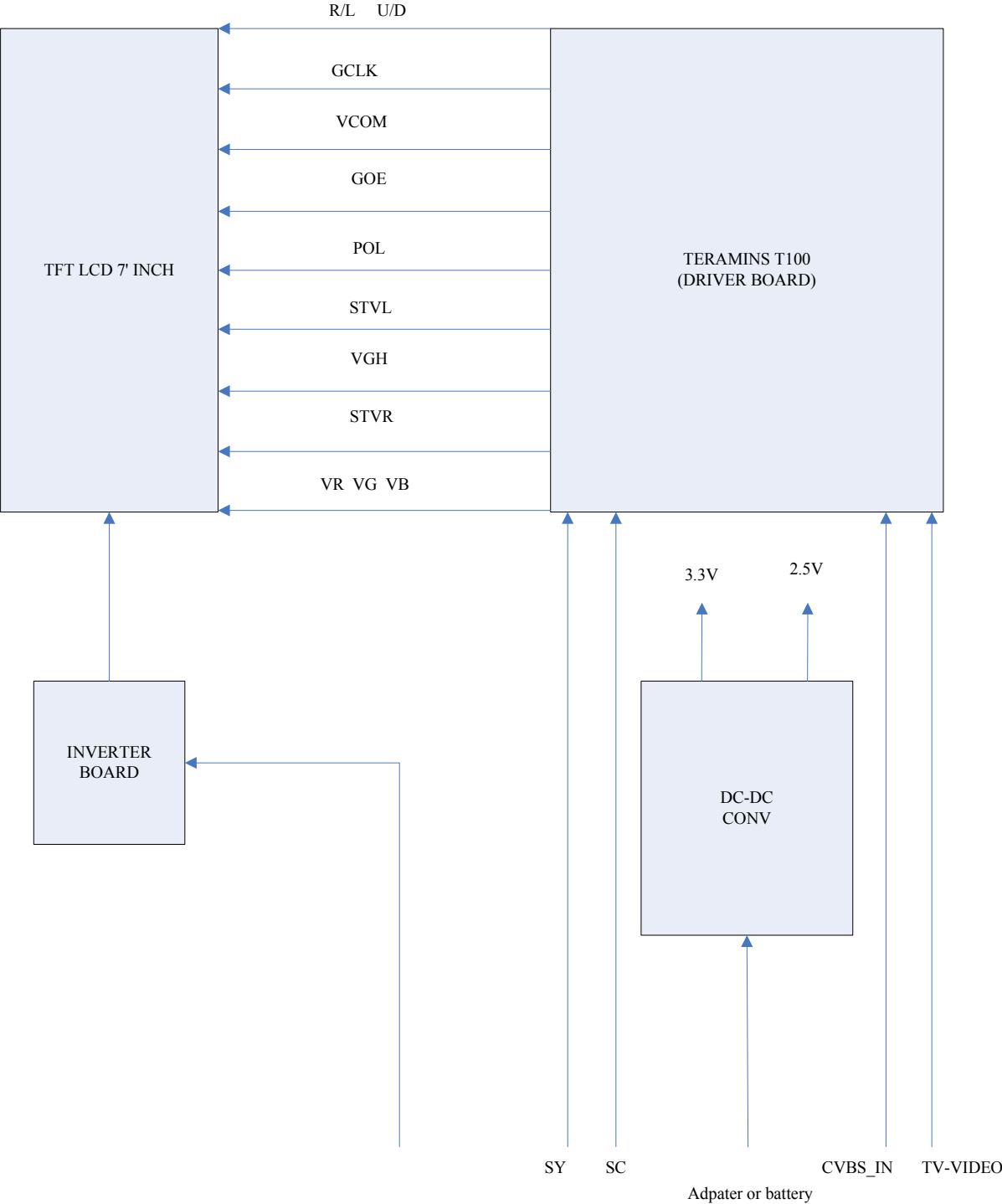
LCD TROUBLE SHOOTING GUIDE(2/2)



LCD CIRCUIT DIAGRAMS

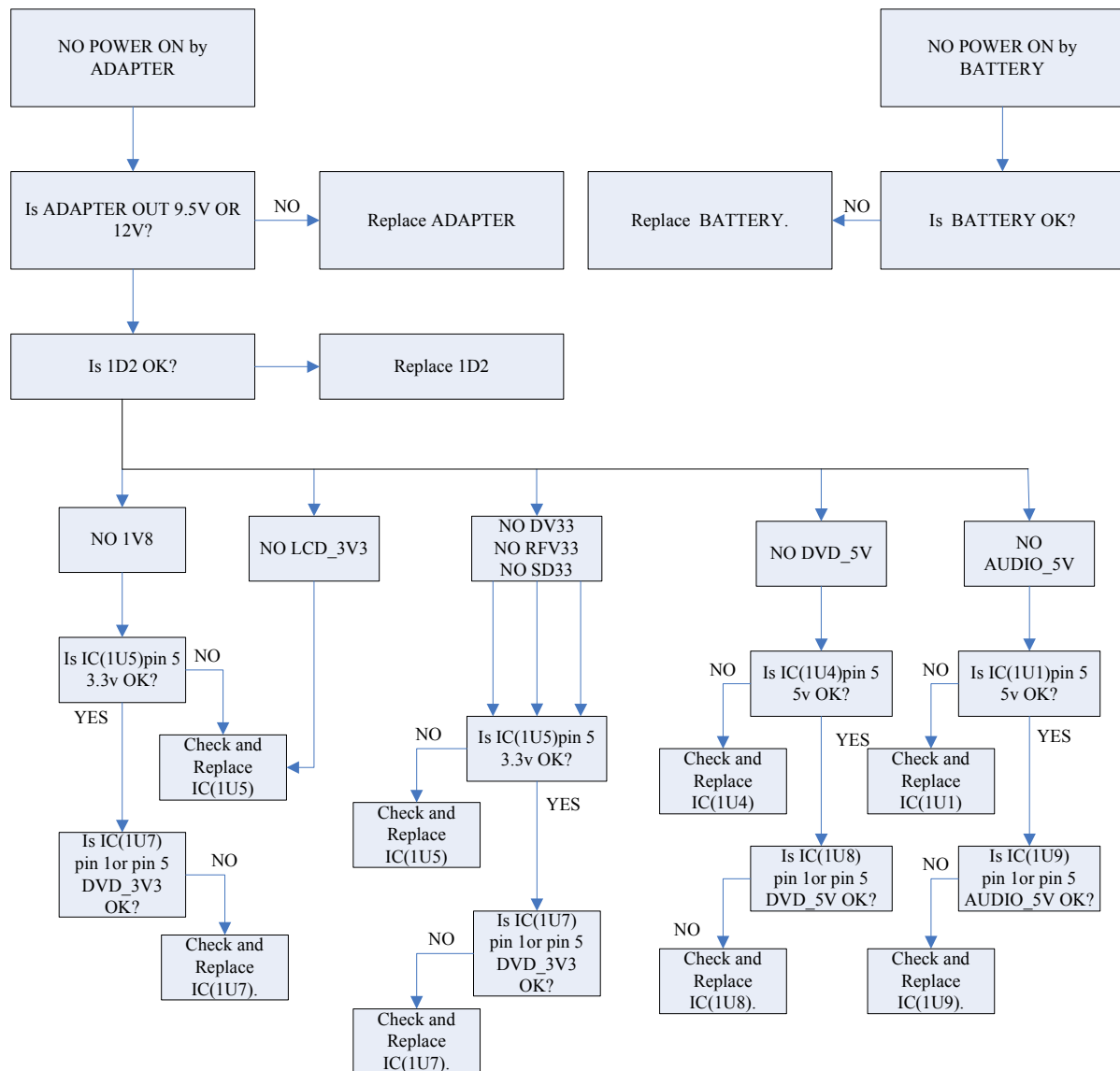


LCD BLACK DIAGRAM

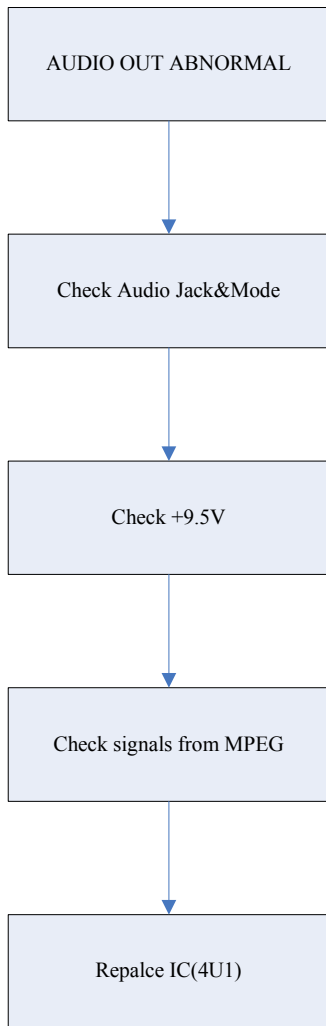


ELECTRICAL TROUBLE SHOOTING GUIDE

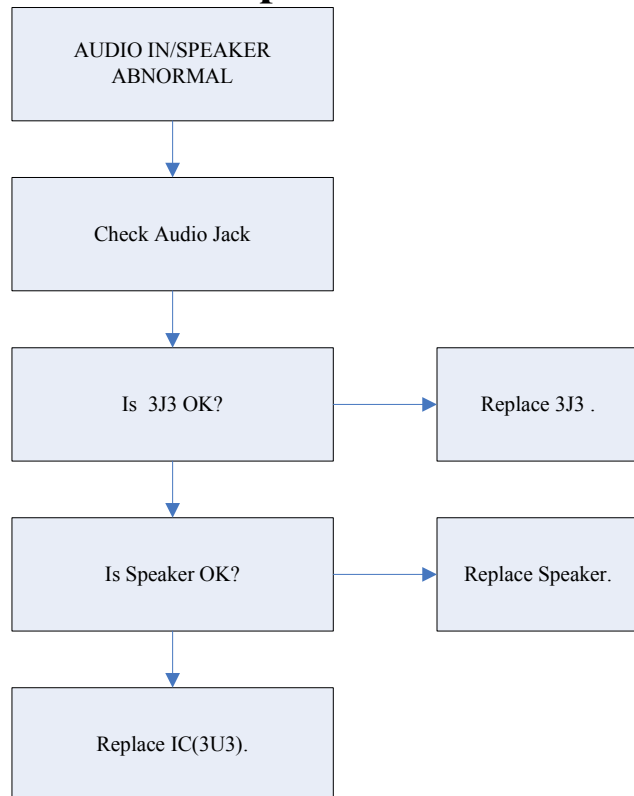
1. Power (DC-DC Converter) Circuit



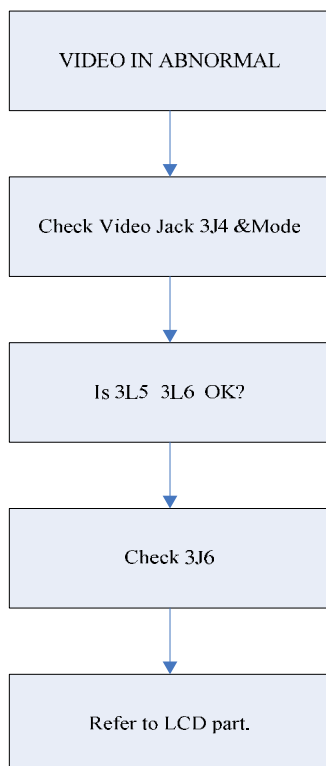
B. Audio Out abnormal



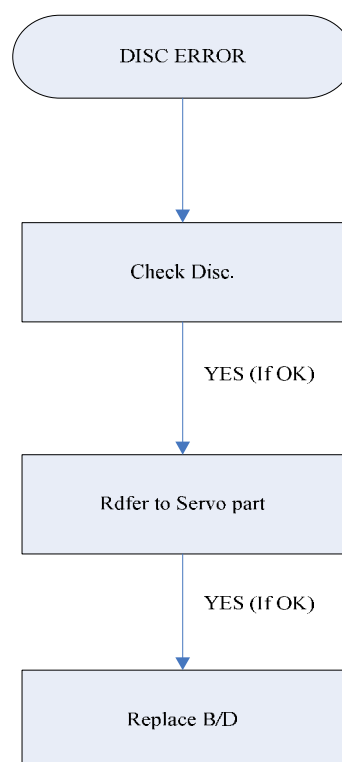
C. Audio In/Speaker abnormal



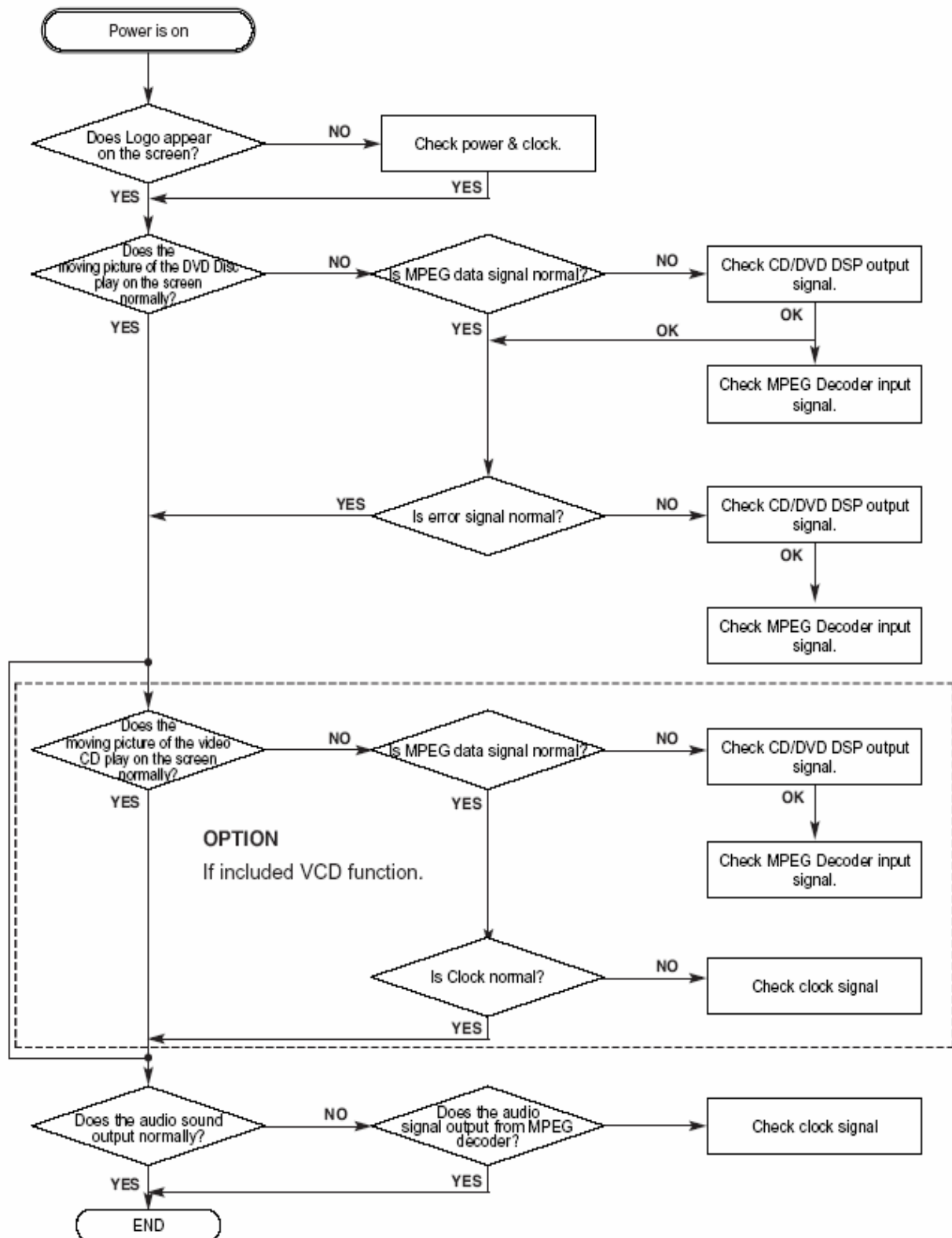
D. Video In abnormal



E. Picture abnormal



2. MPEG Circuit



1. MAIN POWER CIRCUIT DIAGRAM

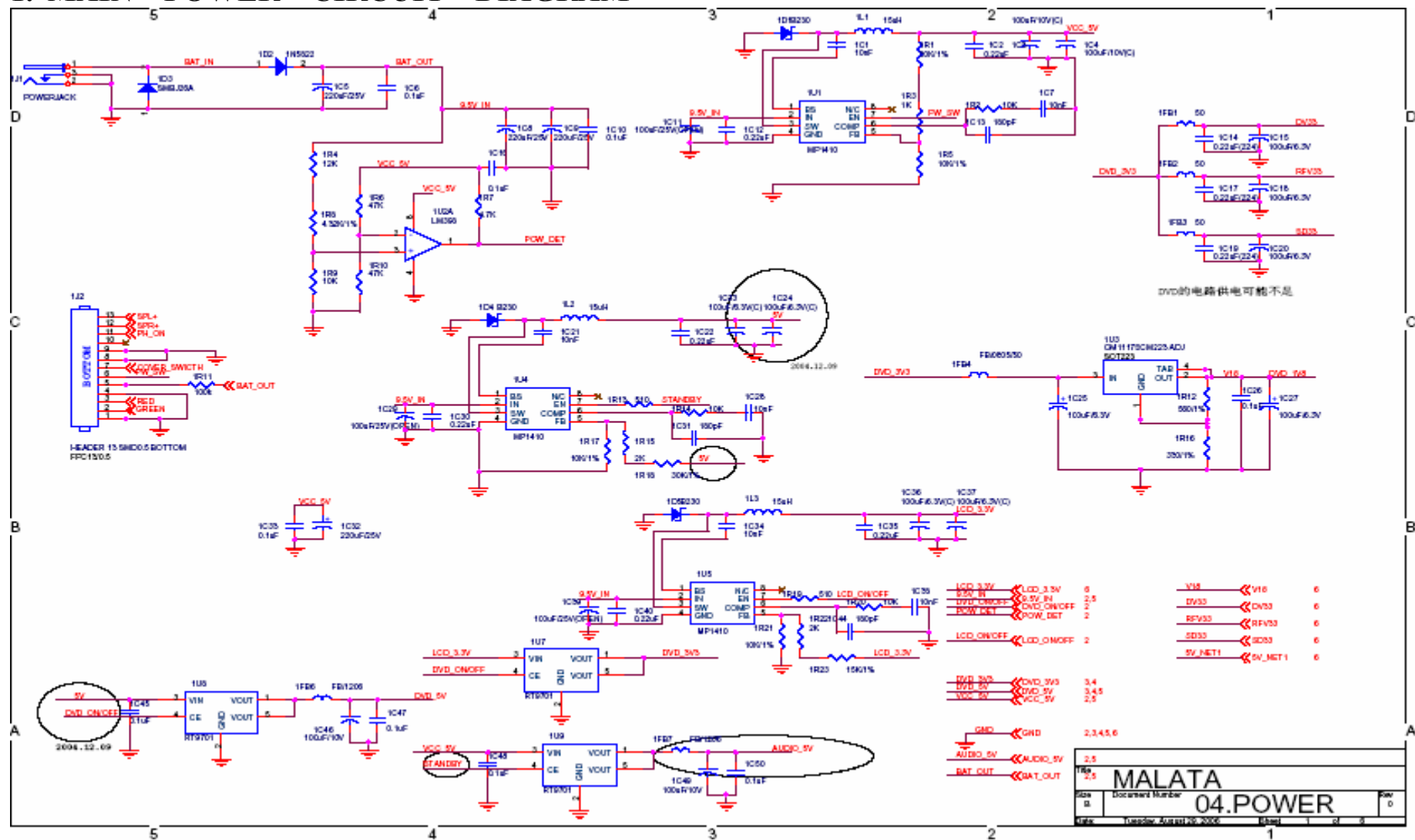
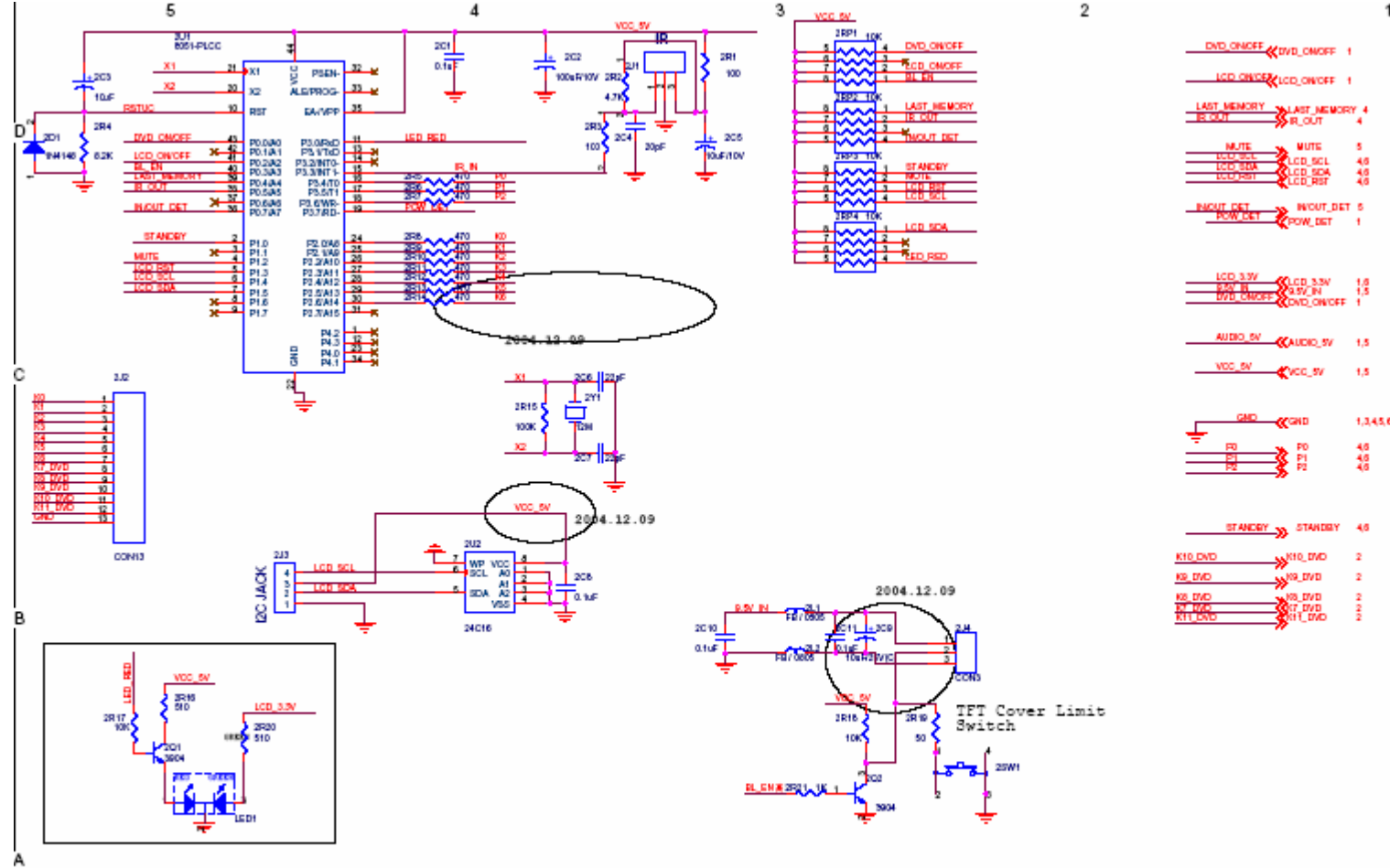


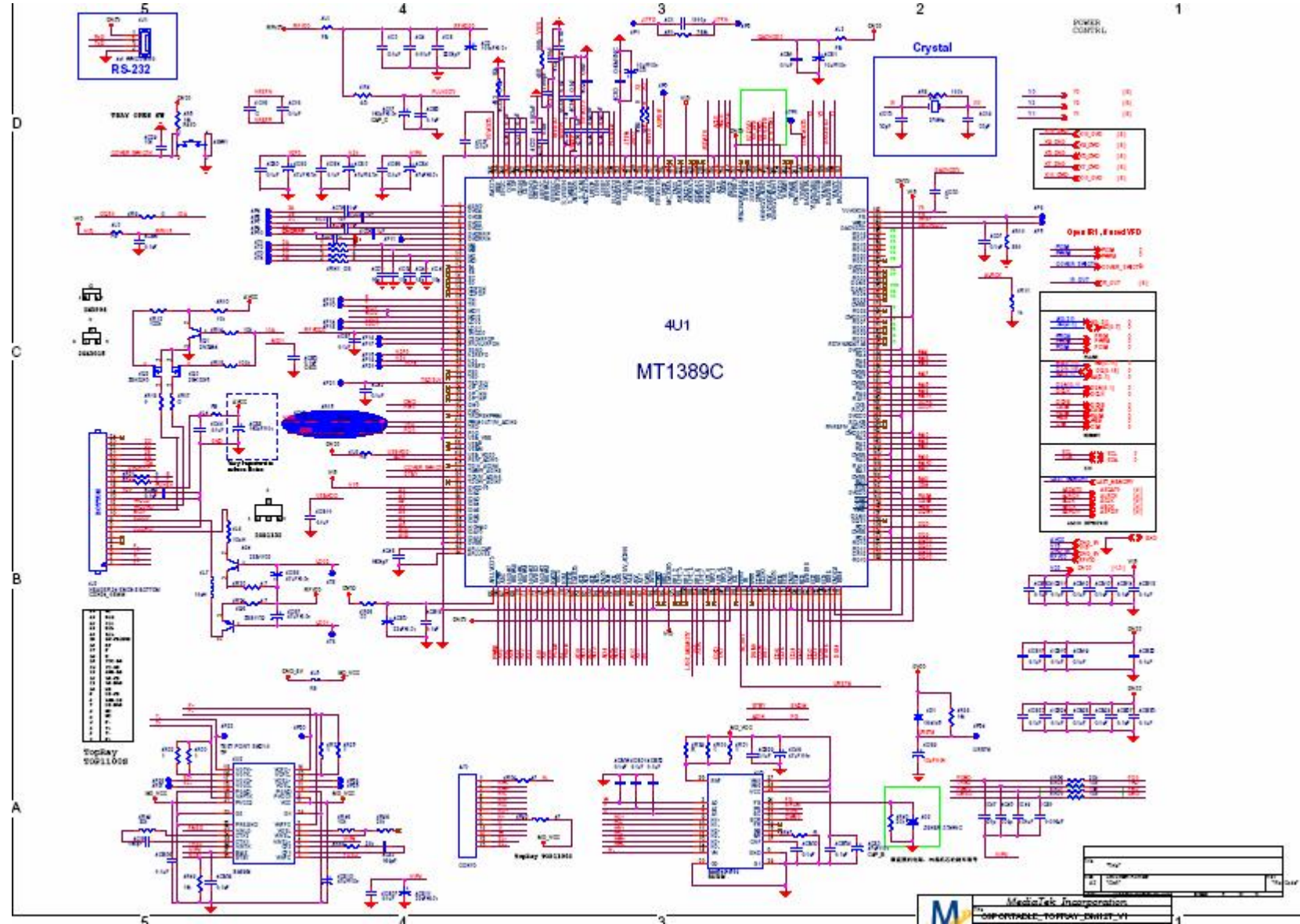
Figure 1: PCB layout of the SPDIF interface. The diagram shows a complex circuit board with various components including resistors, capacitors, and integrated circuits. Key components include the SPDIF interface chip (SPDIF01), the optical isolator (OPTICAL), and the audio codec (TDA1988). The layout is divided into several sections labeled A, B, C, and D. Section A shows the SPDIF interface chip and its connections. Section B shows the optical isolator and its connections. Section C shows the audio codec and its connections. Section D shows the power supply and ground connections. The diagram also includes a table of component values and a list of component footprints.

3. MCU

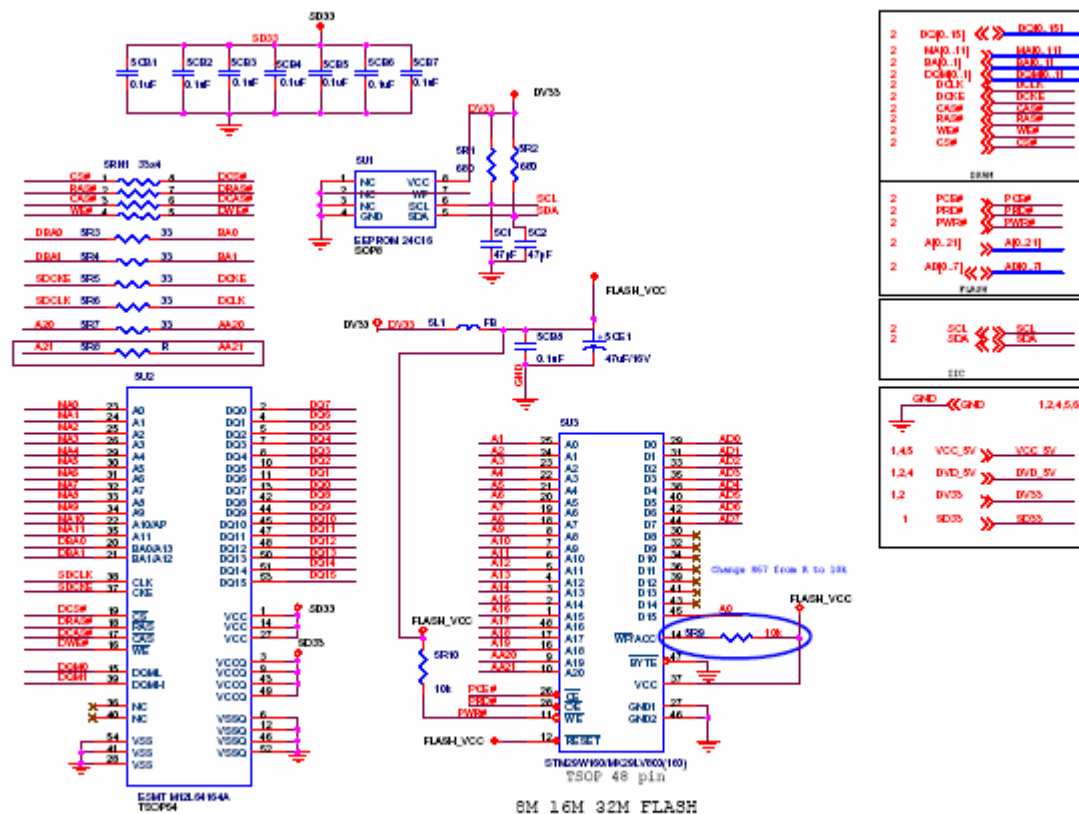


File	MALATA	
Doc Number	02.MCU	
Rev	0	0
Date	Friday, August 10, 2006	Sheet 3 of 3

4. DECODER&MEMORY PART



5. FLASH



DETAILS AND WAVEFORMS ON SYSTEM TEST AND DEBUGGING

1. SYSTEM 27MHz CLOCK,RESET,FLASH R/W SIGNAL

1) MT1389 main clock is at 27MHz(X500)

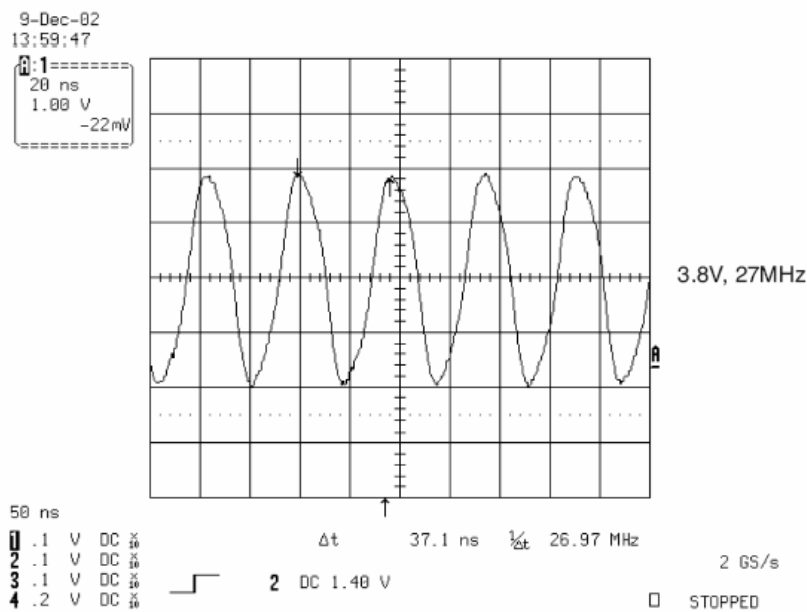


FIG 1-1

2. SDRAM CLOCK

1) MT1389 main clock is at 27MHz(X501)

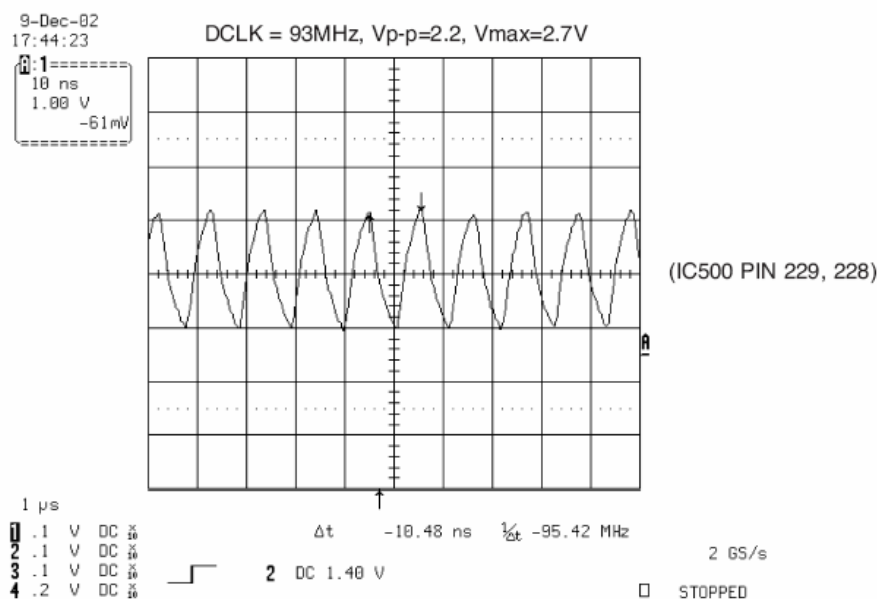


FIG 2-1

3. DISC TYPE JUDGEMENT WAVEFORM

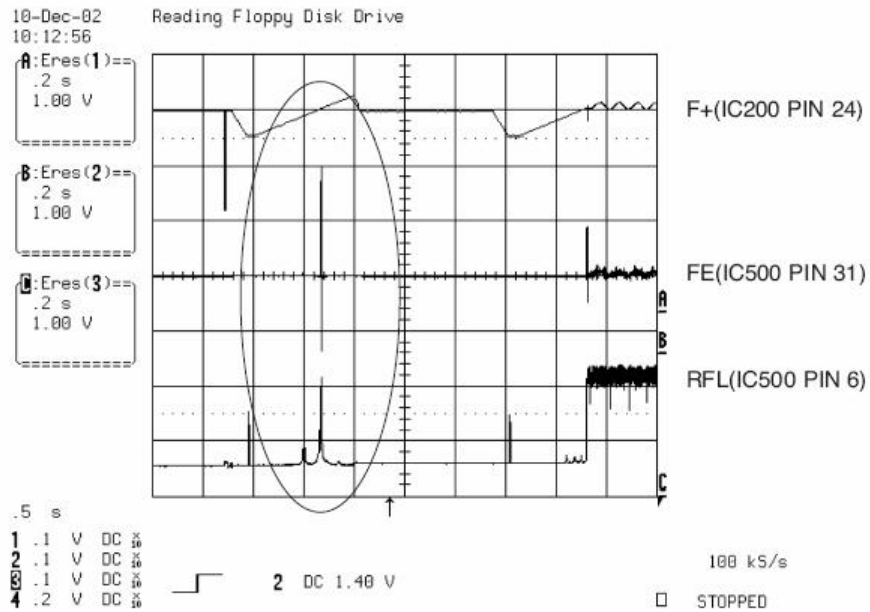


FIG 3

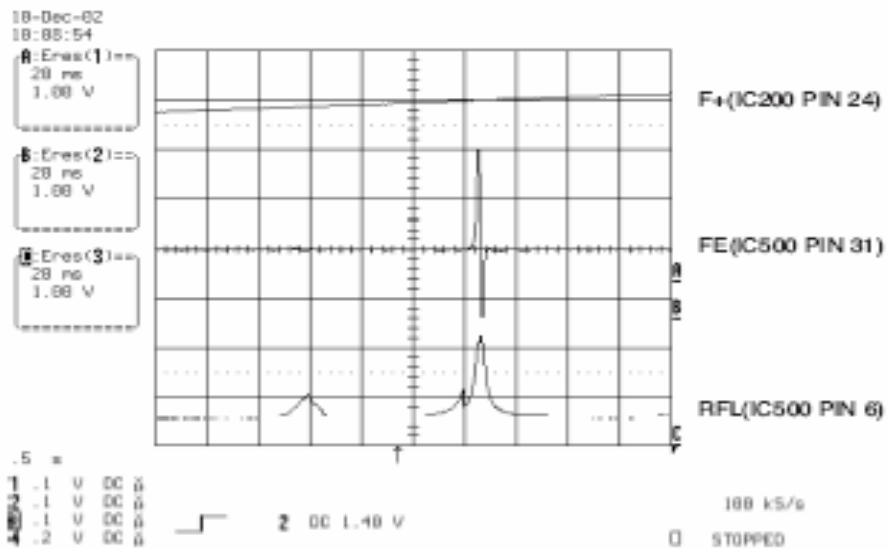


FIG 3-2

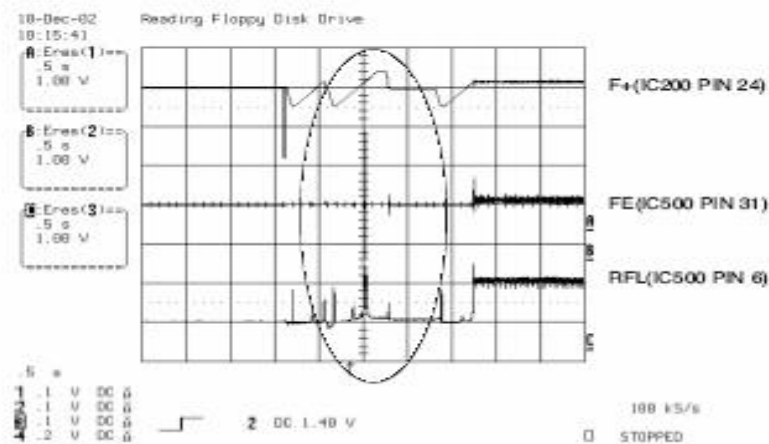


FIG 3-3

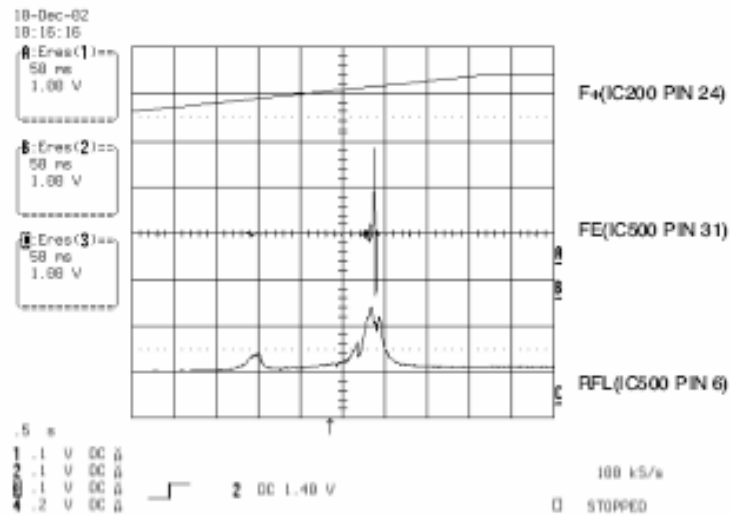


FIG 3-4

4. FOCUS ON WAVEFORM

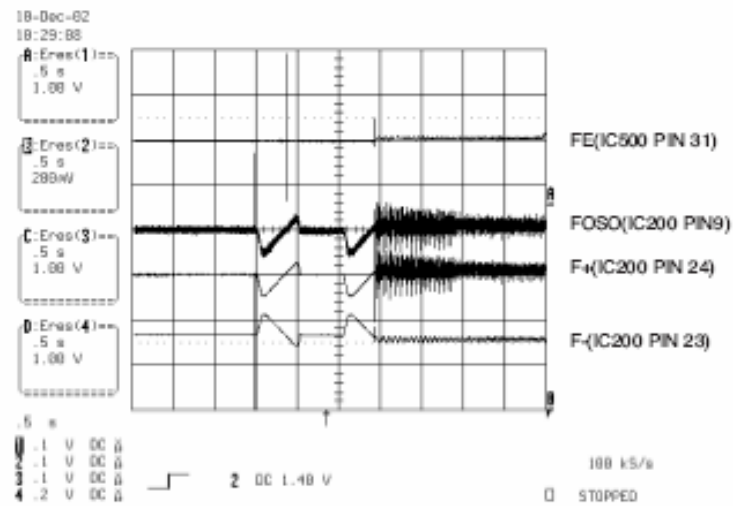


FIG 4-1

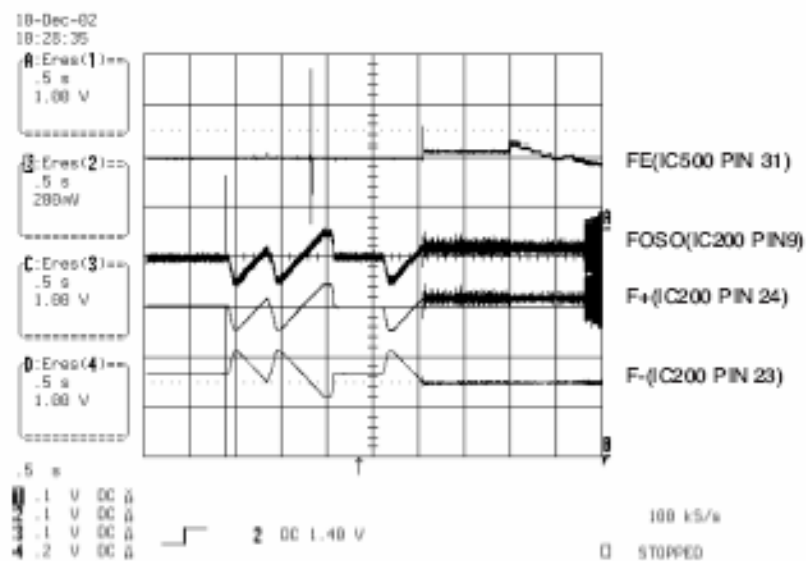


FIG 4-2

5. SPINDLE CONTROL WAVEFORM (NO DISC CONDITION)

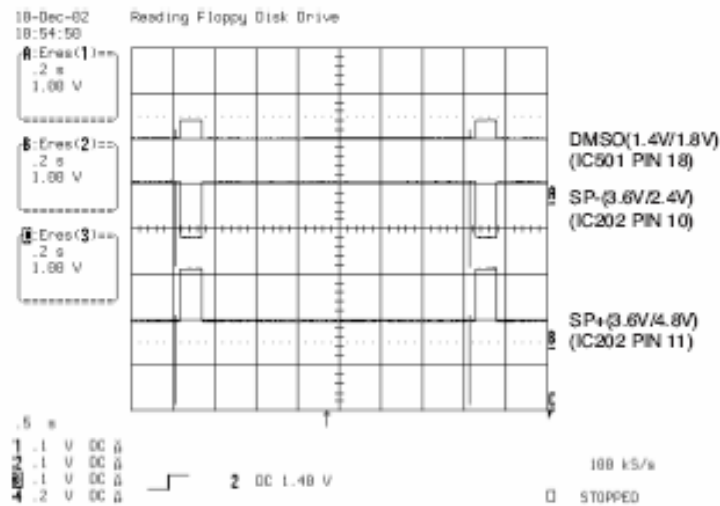


FIG 5-1

6. TRACKING CONTROL RELATED SIGNAL(System checking)

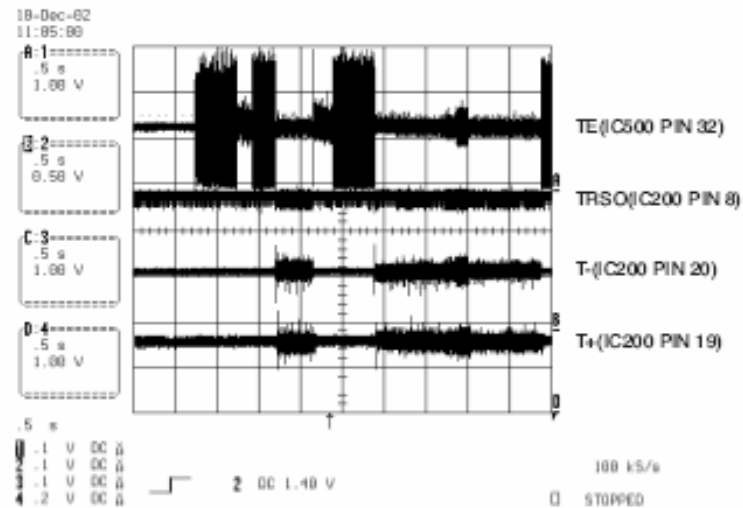


FIG 6-1

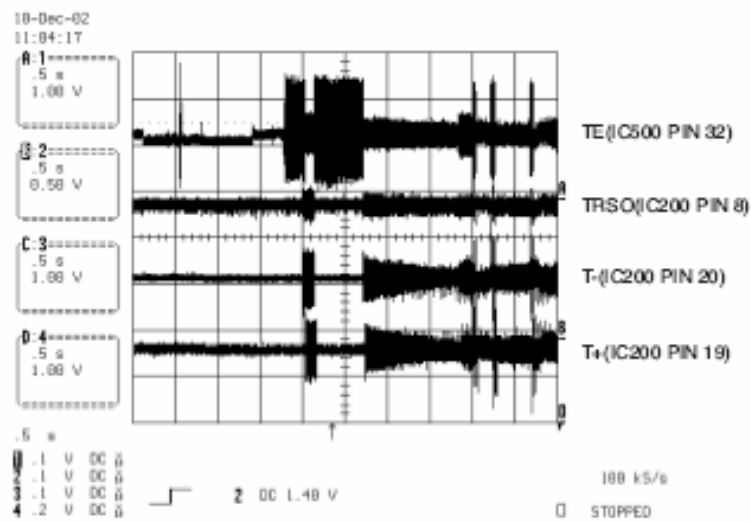


FIG 6-2

7. RF WAVEFORM

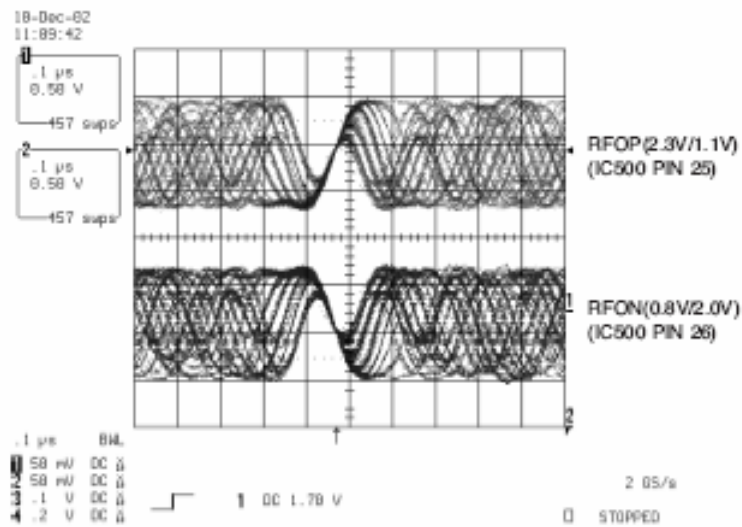


FIG 7-1

8. MT1389 AUDIO OPTICAL AND COAXIAL OUTPUT (ASPDIF)

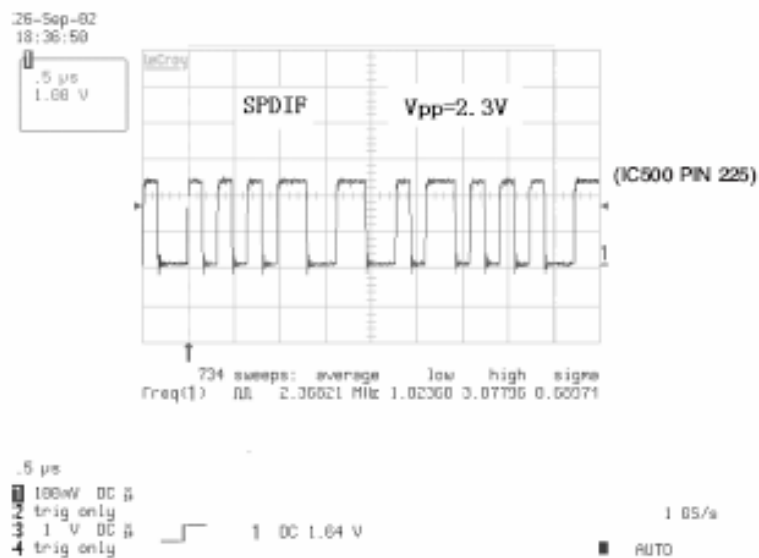


FIG 8-1

2) Y

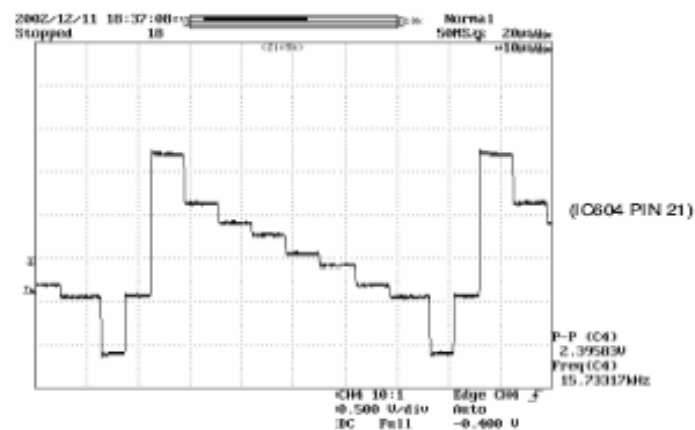


FIG 8-2

3) C

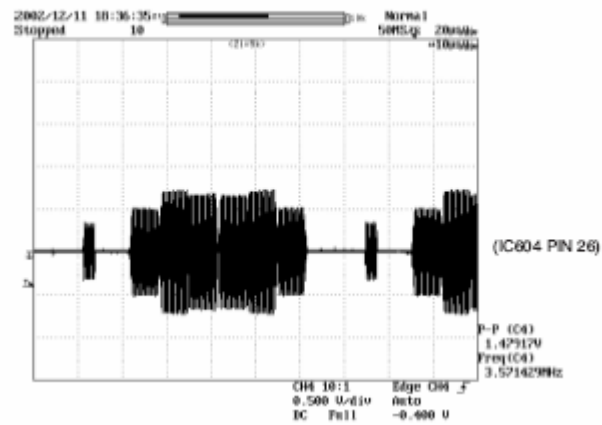


FIG 8-3

10. AUDIO OUTPUT FROM AUDIO DAC

1) Audio L/R

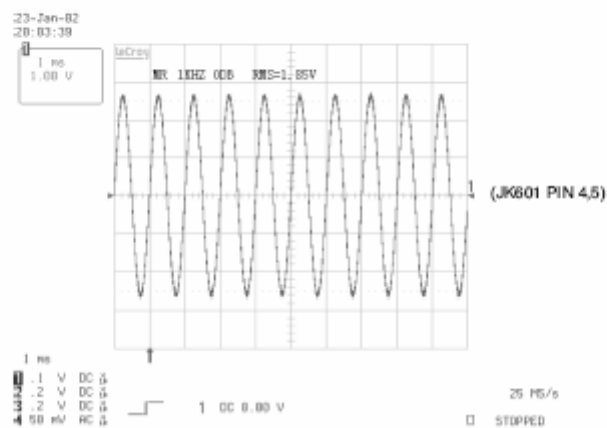


FIG 10-1

2) Audio related Signal

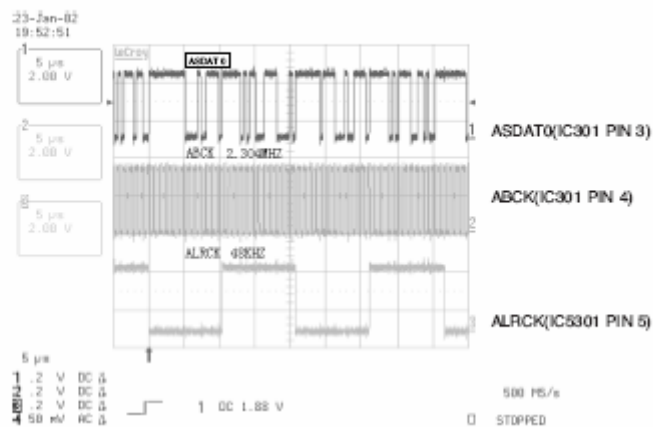


FIG 10-2

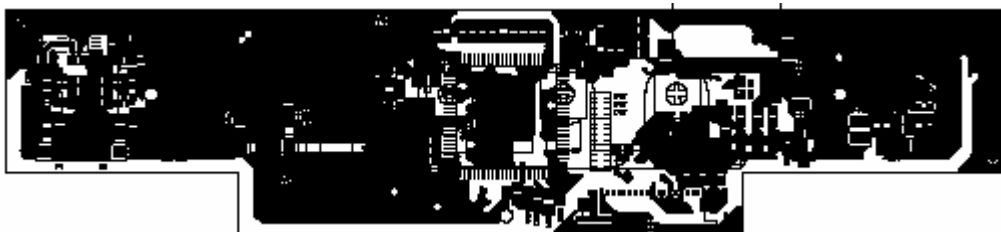
PRINTED CIRCUIT DIAGRAMS

1. LCD P.C. BOARD

A:TOP LAYER

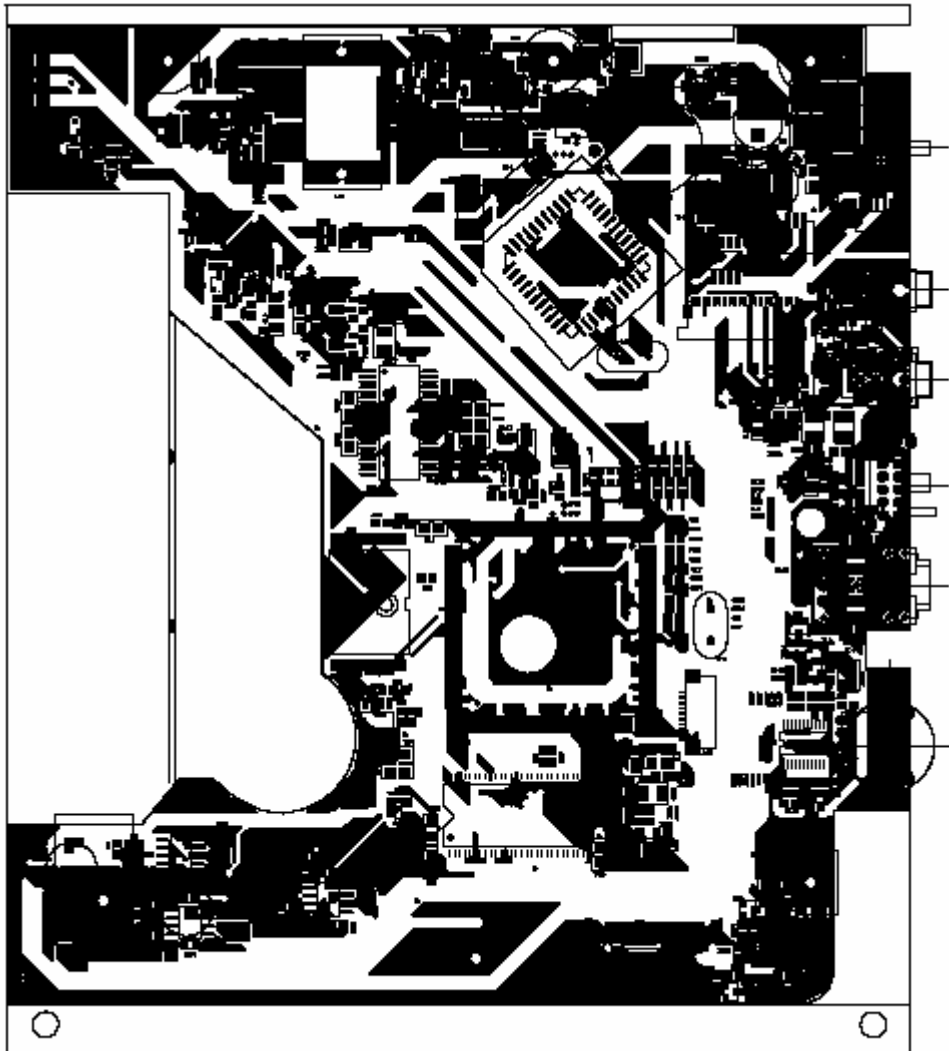


B:BOTTOM LAYER

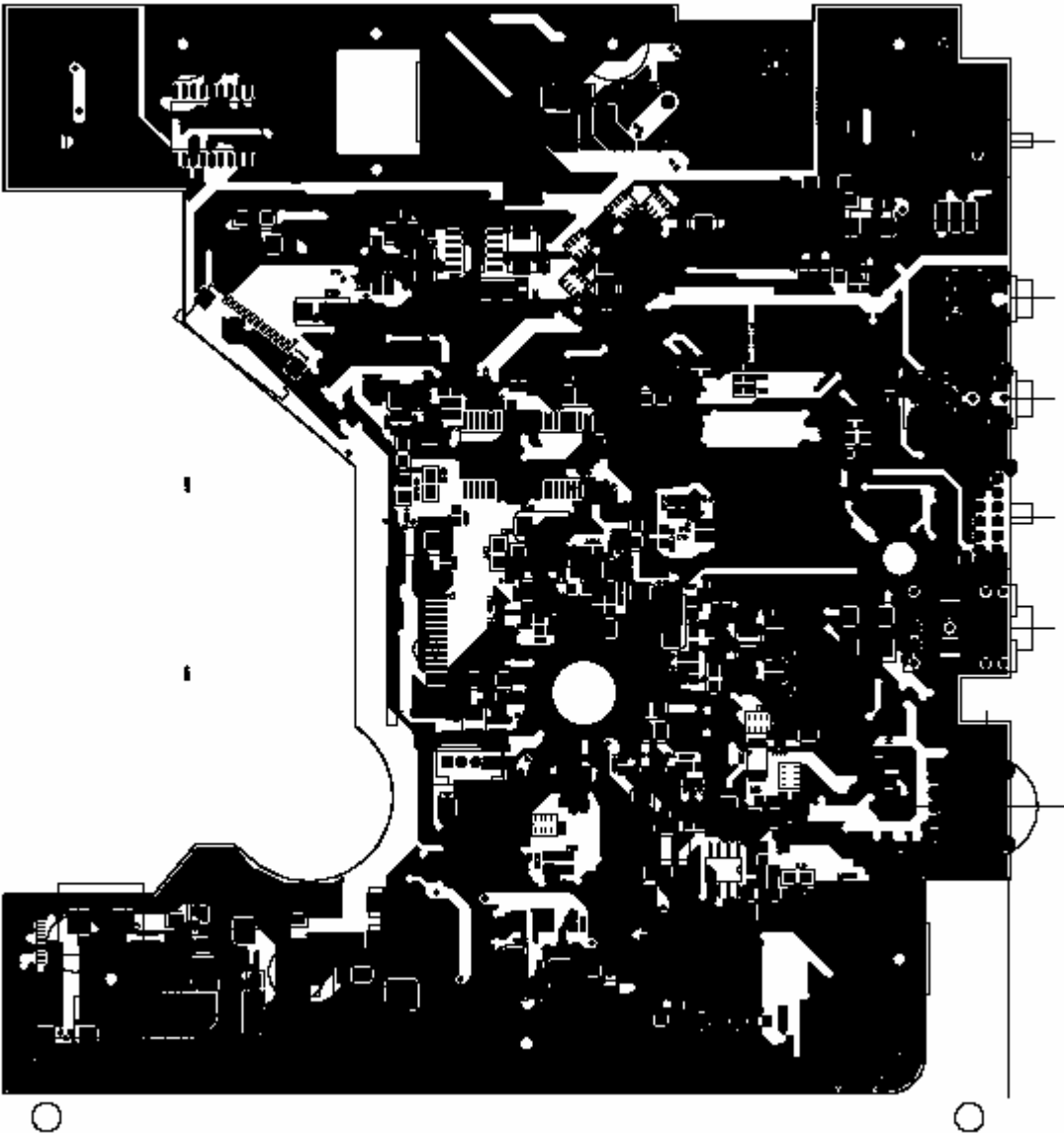


2.MAIN P.C. BOARD

A. TOP LAYER



B.BOTTOM LAYER



SECTION 3

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REPLACEMENT PART LIST

Bom NO.	Part NO.	Part Name.	Qty	
PD-58507-2484C	02. 03. 83. 2484C	Main board	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 57. R. 4. ER15J	SMD Resistance	1206-0.15 Ω $\pm$ 5%	3	6R7 6R8 6R9
01. 57. R. 2. E000J	SMD Resistance	0603-0 Ω $\pm$ 5%	11	4R6 4R7 4R9 3R32 3L6 3R41 4R16 4R17 (4R21) (4R22) 3R1
01. 57. R. 3. E1R0J	SMD Resistance	0805-1 Ω $\pm$ 5%	6	4R27 4R28 4R30 4R31 (4R32) (4R33)
01. 57. R. 2. E4R7J	SMD Resistance	0603-4.7 Ω $\pm$ 5%	3	4R23 4R24 3R49
01. 57. R. 2. E6R8J	SMD Resistance	0603-6.8 Ω $\pm$ 5%	1	(4R4)
01. 57. R. 2. E100J	SMD Resistance	0603-10 Ω $\pm$ 5%	1	6R6
01. 57. R. 2. E330J	SMD Resistance	0603-33 Ω $\pm$ 5%	7	(5R3) (5R4) 5R5 5R6 3R13 (4R25) 5R7
01. 57. R. 2. E470J	SMD Resistance	0603-47 Ω $\pm$ 5%	2	4R42 (4R34)
01. 57. R. 2. E510J	SMD Resistance	0603-51 Ω $\pm$ 5%	2	2R19 6R10
01. 57. R. 2. E750F	SMD Resistance	0603-75 Ω $\pm$ 1%	3	(3R48) 3R50 3R51
01. 57. R. 2. E101J	SMD Resistance	0603-100 Ω $\pm$ 5%	4	(2R1) (2R3) (3R14) 3R26
01. 57. R. 2. E331F	SMD Resistance	0603-330 Ω $\pm$ 1%	1	(1R16)
01. 57. R. 2. E471J	SMD Resistance	0603-470 Ω $\pm$ 5%	10	(2R5) (2R6) (2R7) 2R8 2R9 2R10 2R11 2R12 2R13 2R14
01. 57. R. 2. E511J	SMD Resistance	0603-510 Ω $\pm$ 5%	4	1R13 1R19 2R16 2R20
01. 57. R. 2. E561J	SMD Resistance	0603-560 Ω $\pm$ 5%	1	(4R10)
01. 57. R. 2. E561F	SMD Resistance	0603-560 Ω $\pm$ 1%	1	(1R12)
01. 57. R. 2. E681J	SMD Resistance	0603-680 Ω $\pm$ 5%	2	(5R1) (5R2)
01. 57. R. 2. E102J	SMD Resistance	0603-1K Ω $\pm$ 5%	11	1R3 3R3 3R4 3R5 (2R21)

				(4R11) 6R13 6R19 6R20 6R21 6R24
01. 57. R. 2. E202J	SMD Resistance	0603-2K $\Omega \pm 5\%$	3	1R15 1R22 6R15
01. 57. R. 2. E362J	SMD Resistance	0603-3. 6K $\Omega \pm 5\%$	3	6R14 6R16 6R17
01. 57. R. 2. E4322F	SMD Resistance	0603-4. 32K $\Omega \pm 1\%$	1	1R8
01. 57. R. 2. E472J	SMD Resistance	0603-4. 7K $\Omega \pm 5\%$	6	(1R7) 2R2 3R17 3R21 (3R36) 3R37
01. 57. R. 2. E512J	SMD Resistance	0603-5. 1K $\Omega \pm 5\%$	3	(3R12) 3R25 3R34
01. 57. R. 2. E752J	SMD Resistance	0603-7. 5K $\Omega \pm 5\%$	1	3R2
01. 57. R. 2. E822J	SMD Resistance	0603-8. 2K $\Omega \pm 5\%$	5	(2R4) 3R18 3R35 3R43 6R26
01. 57. R. 2. E912J	SMD Resistance	0603-9. 1K $\Omega \pm 5\%$	2	3R24 (3R6)
01. 57. R. 2. E103J	SMD Resistance	0603-10K $\Omega \pm 5\%$	29	1R2 1R9 (4R8) 5R9 6R1 6R2 6R5 1R14 1R20 2R17 (2R18) 3R16 3R30 3R38 3R40 3R46 3R47 4R13 4R14 (4R26) 4R38 (4R45) (4R49) (5R10) 6R18 (6R23) 6R27 (6R28) 3R62
01. 57. R. 2. E103F	SMD Resistance	0603-10K $\Omega \pm 1\%$	3	1R5 1R17 1R21
01. 57. R. 2. E123J	SMD Resistance	0603-12K $\Omega \pm 5\%$	3	1R4 (3R7) 3R22
01. 57. R. 2. E153J	SMD Resistance	0603-15K $\Omega \pm 5\%$	2	4R3 4R37
01. 57. R. 2. E153F	SMD Resistance	0603-15K $\Omega \pm 1\%$	1	1R23
01. 57. R. 2. E183J	SMD Resistance	0603-18K $\Omega \pm 5\%$	1	4R36
01. 57. R. 2. E203J	SMD Resistance	0603-20K $\Omega \pm 5\%$	5	4R35 4R43 4R44 (4R46) 4R48
01. 57. R. 2. E303F	SMD Resistance	0603-30K $\Omega \pm 1\%$	2	1R1 1R18

01. 57. R. 2. E473J	SMD Resistance	0603-47K $\Omega \pm 5\%$	3	R1 (1R6) 1R10
01. 57. R. 2. E513J	SMD Resistance	0603-51K $\Omega \pm 5\%$	2	(6R25) 6R22
01. 57. R. 2. E513F	SMD Resistance	0603-51K $\Omega \pm 1\%$	1	6R11
01. 57. R. 2. E104J	SMD Resistance	0603-100K $\Omega \pm 5\%$	12	(4R2) (4R5) (1R11) (2R15) (3R10) 3R19 3R20 3R28 3R29 3R31 4R12 4R15
01. 57. R. 2. E154F	SMD Resistance	0603-150K $\Omega \pm 1\%$	1	6R3
01. 57. R. 2. E754J	SMD Resistance	0603-750K $\Omega \pm 5\%$	1	(4R1)
01. 57. R. 8. EP3304	SMD Resistance row	33 $\Omega *4 \pm 5\%$	2	(5RN1) (3N1)
01. 57. R. 8. EP1034	SMD Resistance row	10K $\Omega *4 \pm 5\%$	5	(2RP1) (2RP2) (2RP3) (2RP4) 3N2
01. 57. R. 8. EP0004	SMD Resistance row	0 $\Omega *4 \pm 5\%$	1	4RN1
01. 54. CS. 2. E100N	SMD Capacitance	0603-10P NPO $\pm 5\%/50V$	3	(3C33) 3C38 3C42
01. 54. CS. 2. E150N	SMD Capacitance	0603-15P NPO $\pm 5\%/50V$	4	4C38 (4C39) (4C40) 4C41
01. 54. CS. 2. E200N	SMD Capacitance	0603-20P NPO $\pm 5\%/50V$	2	4C7 (2C4)
01. 54. CS. 2. E220N	SMD Capacitance	0603-22P NPO $\pm 5\%/50V$	5	(2C6) (2C7) 3C10 (3C11) 3C20
01. 54. CS. 2. E330N	SMD Capacitance	0603-33P NPO $\pm 5\%/50V$	2	(4C18) (4C19)
01. 54. CS. 2. E470N	SMD Capacitance	0603-47P NPO $\pm 5\%/50V$	7	5C1 5C2 (3C34) (3C35) 3C39 3C44 3C45
01. 54. CS. 2. E151N	SMD Capacitance	0603-150P NPO $\pm 5\%/50V$	2	4C51 4C52
01. 54. CS. 2. E181X	SMD Capacitance	0603-180P X7R $\pm 10\%/50V$	3	1C13 1C31 1C44
01. 54. CS. 2. E221N	SMD Capacitance	0603-220P NPO $\pm 5\%/50V$	2	3C16 (3C7)
01. 54. CS. 2. E331Y	SMD Capacitance	0603-330P X7R $\pm 10\%/50V$	2	(4C47) (4C48)
01. 54. CS. 2. E681X	SMD Capacitance	0603-680P X7R $\pm 10\%/50V$	3	3C3 3C4 3C40
01. 54. CS. 2. E102X	SMD Capacitance	0603-102 X7R $\pm 10\%/50V$	3	4C11 (4C1) (6C12)
01. 54. CS. 2. E152X	SMD Capacitance	0603-152 X7R $\pm 10\%/50V$	1	(4C45)
01. 54. CS. 2. E202X	SMD Capacitance	0603-202 X7R $\pm 10\%/50V$	2	3C19 (3C9)

01. 54. CS. 2. E222X	SMD Capacitance	0603-222 X7R±10%/50V	1	(4C5)
01. 54. CS. 2. E103Y	SMD Capacitance	0603-103 Y5V-20+80%/50V	8	(1C1) 1C7 (1C21) 1C28 (1C34) 1C38 (4C49) (4C4)
01. 54. CS. 2. E153Y	SMD Capacitance	0603-153 Y5V-20+80%/50V	1	(4C50)
01. 54. CS. 2. E333X	SMD Capacitance	0603-333 X7R±10%/50V	1	(4C22)
01. 54. CS. 2. E473Y	SMD Capacitance	0603-473 Y5V-20+80%/50V	2	4C25 4C26
01. 54. CS. 2. E104Y	SMD Capacitance	0603-104 Y5V-20+80%/50V	85	1C6 (2C1) 2C8 (4CB1) (4CB2) (4CB3) (4C3) 4CB4 (4CB5) (4CB6) (4C6) (4CB7) 4CB8 4CB9 (4C9) (5CB1) (5CB2) (5CB3) (5CB4) (5CB5) (5CB6) (5CB7) (5CB8) 1C10 (1C16) (1C26) (1C33) 1C45 (1C47) (1C48) (1C50) 2C10 (2C11) 3C14 3C43 (3C51) (4CB10) (4CB11) (4CB12) 4C12 (4CB13) (4C13) 4CB14 4C14 (4CB15) (4CB16) (4C16) (4CB17)

				(4CB18) (4CB19) (4CB20) 4C20 4C21 (4CB22) (4CB23) (4CB24) (4CB25) (4CB26) (4CB27) (4C27) (4CB28) (4C28) (4CB29) 4CB30 4CB31 4CB32 (4CB33) (4CB34) 4CB35 (4CB36) (4CB37) (4C37) (4C42) 4C44 (3CB1) 6C2 6C3 6C6 6C7 6C9 (4C29) 6C10 (6C11) (6C13) 6C14
01. 54. CS. 3. E224Y	SMD Capacitance	0805-224 Y5V-20+80%/50V	9	(1C2) 1C12 (1C22) 1C30 1C35 1C40 1C14 (1C17) 1C19
01. 54. CS. 2. E105Y	SMD Capacitance	0603-105 Y5V-20+80%/10V	13	3C23 3C24 3C27 (3C28) 3C30 3C31 4C23 (4C24) (4C31) (4C32) (4C33) (4C34) 4C35
01. 54. CS. 2. E225Y	SMD Capacitance	0603-225 Y5V-20+80%/10V	1	3C26
01. 34. CL. D. EV220U16VA	Electrolyse Capacitance	CDV-220UF/16V 6*5	3	1C5 1C8 1C9

01. 34. CL. D. E10U10VA	Electrolyse Capacitance	CDV-10UF/10V 4*5	1	2C5
01. 33. CT. EA2U210V	SMD Tantalum Capacitance	T491A225M010AS	1	(3C29)
01. 33. CT. EB10U10V	SMD Tantalum Capacitance	T491B106M010AS	12	(2C3) (3C5) 3C6 (3C8) 3C12 3C17 3C18 (4CE1) (4C8) 4CE9 3C25 (3C52)
01. 33. CT. EB10U16V	SMD Tantalum Capacitance	T491B106K016AT	1	(3C15)
01. 33. CT. EB22U6V3	SMD Tantalum Capacitance	TAJB226M006YNJ	2	(4CE8) (4CE11)
01. 33. CT. EB47U6V3	SMD Tantalum Capacitance	B-47UF-6. 3V	5	(4CE2) 4CE3 (4CE4) 4CE6 4CE7
01. 33. CT. EB47U10V	SMD Tantalum Capacitance	T491B476K010AT	5	3C41 (4CE10) (4C46) (4C53) (3C50)
01. 33. CT. EC47U16V	SMD Tantalum Capacitance	T491C476K016AS	3	(1C32) 6C8 (5CE1)
01. 33. CT. EC100U10V	SMD Tantalum Capacitance	T491C107K010AT	20	(4C2) (1C15) (1C18) (1C20) (1C25) (4C17) (1C4) (1C3) (1C23) (1C24) (1C36) (1C37) 3C37 (2C2) (3C1) (3C2) (4CE5) (1C46) (1C49) 3C13
01. 33. CT. EB100U6V3	SMD Tantalum Capacitance	T491B107K006AS	1	(1C27)
01. 33. CT. ED47U25V	SMD Tantalum	T491D476K025AT	3	6C1 6C5

	Capacitance			6C4
01. 13. L. L. S. E001	SMD Inductance	0603-1.8UH	2	(3L7) 3L8
01. 13. L. L. S. E006	SMD Inductance	0805-1.8UH	1	3L9
01. 13. L. L. S. E003	SMD Inductance	0603-2.7UH	1	3L5
01. 13. L. L. S. E002	SMD Inductance	0603-10UH	2	3L1 3L2
01. 13. L. L. S. E033	Inductance	SLF7028T-15UH(150M) SMD	3	(1L1) (1L2) (1L3)
01. 13. L. L. S. E018	SMD Inductance	1206-10UH	2	4L6 4L7
01. 13. L. L. D. E021	Inductance	MLC13-010A	1	6J1
01. 13. L. Z. ESA50P	SMD Magnetism bead	0603-50 Ω PB	1	(4L5)
01. 13. L. Z. ESB50P	SMD Magnetism bead	0805-50 Ω PB	19	1FB1 (1FB2) 1FB3 1FB4 2L1 (2L2) (3L3) 3L4 (4L1) (4L2) (4L3) 4L4 (4L8) 5L1 (6L1) (6L2) (6L3) (6L4) 3L10
01. 13. L. Z. ESC100P	SMD Magnetism bead	1206-100 Ω PB	2	(1FB6) (1FB7)
01. 41. D. PS. E5819	Diode	5819 1A SMD	3	(1D1) (1D4) (1D5)
01. 41. D. PS. ESS5822	Diode	SS5822 SMD	3	1D2 6D1 6D2
01. 41. D. PS. ESMBJ26A	Diode	SMBJ26A SMD	1	1D3
01. 41. D. FD. E3RG	Radiation Diode	ϕ 3	1	LED1
01. 41. D. PS. ELL4148	Diode	LL4148 SMD	4	(4D1) (2D1) 6D3 (6D4)
01. 41. D. PS. E54S	Diode	BAT54S SMD	1	3Q1
01. 00. JZ. E27000	DIY Oscillator	27.000MHZ-49S-20P	1	4Y1
01. 00. JZ. E12000	DIY Oscillator	12.000MHZ-49S-20P	1	2Y1
01. 42. Q. S. E3904	Audion	SMBT3904 SMD	7	2Q1 (2Q2) 3Q2 3Q5 3Q6 3Q3 4Q1
01. 42. Q. S. E3906	Audion	SMBT3906 SMD	3	3Q4 6Q3 Q1
01. 42. Q. S. E3018	Transistor	2SK3018T106 SMD	2	4Q2 4Q3
01. 42. Q. S. E1132	Audion	2SB1132 SMD	2	4Q4 4Q5
01. 42. Q. S. E9013	Audion	S9013 SMD	4	6Q1 6Q2 6Q4 6Q5
01. 44. IC. S. E1410	IC	MP1410 SMD	3	1U1 1U4 1U5
01. 44. IC. S. E9701	IC	RT9701CB SMD	4	1U6 1U7 1U8 (1U9)
01. 44. IC. S. ELM393	IC	LM393 SMD	1	1U2
01. 44. IC. S. E5964	IC	SM5964C40J SMD	1	2U1

01. 46. IC. EMT1389DE	IC	MT1389DE/C SMD	1	4U1
01. 44. IC. S. E5954	IC	BA5954 SMD	1	4U2
01. 44. IC. S. E6849	IC	BA6849FM SMD	1	(4U3)
01. 46. IC. E24C16	IC	24C16 SMD	2	2U2 5U1
01. 44. IC. S. E641632H	IC	K4S641632H SMD	1	5U2 (ESMT M12L64164A)
01. 46. IC. E29LV160BBTC	IC	MX29LV160BBTC-70 SMD	1	5U3
01. 44. IC. S. E6312	IC	GT6312 SMD	1	(6U2)
01. 44. IC. S. E1117ADJ	IC	LM1117MPX-ADJ SMD	1	(1U3)
01. 44. IC. S. E6011	IC	TPA6011 SMD	1	3U3
01. 44. IC. S. E4558	IC	NJM4558 SMD	1	(3U2)
01. 44. IC. S. EL78L05	IC	78L05 SMD	1	3U4
01. 44. IC. S. E4344	IC	CS4344 SMD	1	(3U5)
01. 44. MOS. S. ES4435	Transistor	SI4435DY SMD	2	(6N2) 6N1
01. 44. IC. D. EKA431	IC	KA431LZTA 0.5% DIP	1	6U1
01. 36. VR. EWB20K	Adjust resistance	WHE106A-2-B20K	1	3U1
01. 40. CON. DCZ. E015	Power jack	DC-014	1	1J1
01. 40. CON. S08. E002	SMD jack	0.8-20A	1	3J6
01. 40. CON. S05. E002	SMD jack	FPC-0.5-13P	2	(1J2) 2J2
01. 44. IC. D. E538CB51B	IC	HL538CB51B47A DIP	1	2J1
01. 40. CON. S13. AY. E005	SMD jack	1.25-3A	1	2J4
01. 43. E001	Photoelectricity Transform	DLT-13M1	1	3J3
01. 40. CON. DCZ. E037	Video jack	ST-3531	1	3J2
01. 40. CON. DCZ. E020	Earphone jack	CK-3.5-023P1K, ST-35061	1	3J1
01. 39. SW. BD. EEG3	Wave band switch	SK-42D01-EG3	1	3J4
01. 40. CON. S10. FPC1. E017	SMD jack	FPC-1.0-13P	1	(4J3)
01. 40. CON. S05. E007	SMD jack	FPC-0.5-24P	1	(4J2)
01. 39. SW. FW. E2124	jiggle switch	SW-212-4	1	2SW1
01. 40. CON. DPH. E019	Jack	PH-4A	1	(4J1)
01. 40. CON. DCZ. E080	Battery jack	T2.5-4A-1/(H6.5mm)	1	6J2
01. 37. PCB. 2. E2484C	Circuit board	Main board 484C	1	
02. 03. 83. 2484CA	collocate chart	PD-58507 (2484C) CATV Function	1	
Bom NO.	Part NO.	Part Name.	Qty	
PD-58507-2484C-with CATV Function	02. 03. 83. 2484CA	collocate chart	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 57. R. 2. E752J	SMD Resistance	0603-7.5K $\Omega \pm 5\%$	2	3R53 3R60
01. 57. R. 2. E103J	SMD Resistance	0603-10K $\Omega \pm 5\%$	2	3R54 3R59
01. 54. CS. 2. E104Y	SMD Capacitance	0603-104 Y5V-20+80%/50V	2	1C43 1C41

01. 33. CT. EB10U10V	SMD Tantalum Capacitance	T491B106M010AS	4	3C53 3C54 3C57 3C58
01. 33. CT. EC100U10V	SMD Tantalum Capacitance	T491C107K010AT	1	1C42
01. 13. L. Z. ESA50P	SMD Magnetism bead	0603-50 Ω PB	1	3C11
01. 13. L. Z. ESB50P	SMD Magnetism bead	0805-50 Ω PB	1	3L11
01. 13. L. Z. ESC100P	SMD Magnetism bead	1206-100 Ω PB	1	1FB5
01. 44. IC. S. E4053D	IC	74HC4053D SMD	1	3U6
01. 44. IC. S. E9701	IC	RT9701CB SMD	1	1U6
Bom NO.	Part NO.	Part Name.	Qty	
PD-58507-2716C	02. 03. 83. 2716C	Driver board	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 57. R. 2. E330J	SMD Resistance	0603-33 $\Omega \pm 5\%$	3	R28 R41 R42
01. 57. R. 2. E750J	SMD Resistance	0603-75 $\Omega \pm 5\%$	4	R2 R7 R12 R14
01. 57. R. 2. E101J	SMD Resistance	0603-100 $\Omega \pm 5\%$	3	R11 R39 R54
01. 57. R. 2. E151J	SMD Resistance	0603-150 $\Omega \pm 5\%$	3	R9 R37 R51
01. 57. R. 2. E431J	SMD Resistance	0603-430 $\Omega \pm 5\%$	3	R4 R22 R49
01. 57. R. 2. E511J	SMD Resistance	0603-510 $\Omega \pm 5\%$	1	R68
01. 57. R. 2. E102J	SMD Resistance	0603-1K $\Omega \pm 5\%$	1	R62
01. 57. R. 2. E122J	SMD Resistance	0603-1.2K $\Omega \pm 5\%$	2	R20 R24
01. 57. R. 2. E362J	SMD Resistance	0603-3.6K $\Omega \pm 5\%$	1	R58
01. 57. R. 2. E472J	SMD Resistance	0603-4.7K $\Omega \pm 5\%$	3	R16 R18 R30
01. 57. R. 2. E103J	SMD Resistance	0603-10K $\Omega \pm 5\%$	9	R10 R17 R38 R52 R56 R59 R60 R61 R65
01. 57. R. 2. E113J	SMD Resistance	0603-11K $\Omega \pm 5\%$	1	R53
01. 57. R. 2. E183J	SMD Resistance	0603-18K $\Omega \pm 5\%$	1	VR2
01. 57. R. 2. E203J	SMD Resistance	0603-20K $\Omega \pm 5\%$	2	R63 R55
01. 57. R. 2. E393J	SMD Resistance	0603-39K $\Omega \pm 5\%$	3	R3 R21 R48
01. 57. R. 2. E513J	SMD Resistance	0603-51K $\Omega \pm 5\%$	1	R66
01. 57. R. 2. E154J	SMD Resistance	0603-150K $\Omega \pm 5\%$	1	R64
01. 57. R. 2. E105J	SMD Resistance	0603-1M $\Omega \pm 5\%$	4	R5 R23 R31 R50
01. 57. R. 3. E000J	SMD Resistance	0805-0 $\Omega \pm 5\%$	4	RL1 RL2 RL3 RL4
01. 57. R. 2. E000J	SMD Resistance	0603-0 $\Omega \pm 5\%$	5	STH1 STH2 CPH1 CPH2 R141
01. 57. R. 2. E681J	SMD Resistance	0603-680 $\Omega \pm 5\%$	1	R142
01. 57. R. 8. EP3304	SMD Resistance row	33 Ω *4 $\pm 5\%$	4	1RP4 1RP5

				1RP6 1RP7
01. 36. VR. E103	Adjust resistance	10K Ω (EVM3YSX50B14)	1	VR1
01. 54. CS. 2. E150N	SMD Capacitance	0603-15P NPO $\pm$ 5%/50V	1	C31
01. 54. CS. 2. E300N	SMD Capacitance	0603-30P NPO $\pm$ 5%/50V	1	C99
01. 54. CS. 2. E180N	SMD Capacitance	0603-18P NPO $\pm$ 5%/50V	1	C80
01. 54. CS. 2. E220N	SMD Capacitance	0603-22P NPO $\pm$ 5%/50V	3	C120 C121 C122
01. 54. CS. 2. E101N	SMD Capacitance	0603-100P NPO $\pm$ 5%/50V	3	C17 C36 C54
01. 54. CS. 2. E331Y	SMD Capacitance	0603-330P X7R $\pm$ 10%/50V	4	C3 C12 C19 C98
01. 54. CS. 2. E471X	SMD Capacitance	0603-470P X7R $\pm$ 10%/50V	1	C51
01. 54. CS. 2. E681X	SMD Capacitance	0603-680P X7R $\pm$ 10%/50V	4	C2 C11 C18 C23
01. 54. CS. 2. E273Y	SMD Capacitance	0603-273 Y5V-20+80%/50V	1	C48
01. 54. CS. 2. E105Y16V	SMD Capacitance	0603-105 Y5V-20+80%/16V	4	C1 C6 C14 C22
01. 54. CS. 2. E104Y	SMD Capacitance	0603-104 Y5V-20+80%/50V	52	C4 C5 C8 C9 C25 C26 C32 C40 C41 C42 C43 C45 C46 C49 C50 C52 C53 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C75 C77 C79 C82 C84 C90 C94 C96 C101 C102 C103 C104 C106 C109 C111 C117 C119 C150 C15
01. 54. CS. 2. E105Y	SMD Capacitance	0603-105 Y5V-20+80%/10V	8	C7 C28 C29 C34 C35 C44 C95 C107
01. 54. CS. 3. E104X	SMD Capacitance	0805-104 X7R $\pm$ 10%/50V	1	C37
01. 35. CC. E12064U725V	SMD ware capacitance	C3216Y5V1E475Z	4	C24 C76 C116 C118
01. 35. CC. E120610U16V	SMD ware capacitance	ECJMFF1C106Z	6	C113 C114 C123 C13 C105 C108
01. 33. CT. EB10U16V	SMD Tantalum Capacitance	T491B106K016AT	2	C56 C73

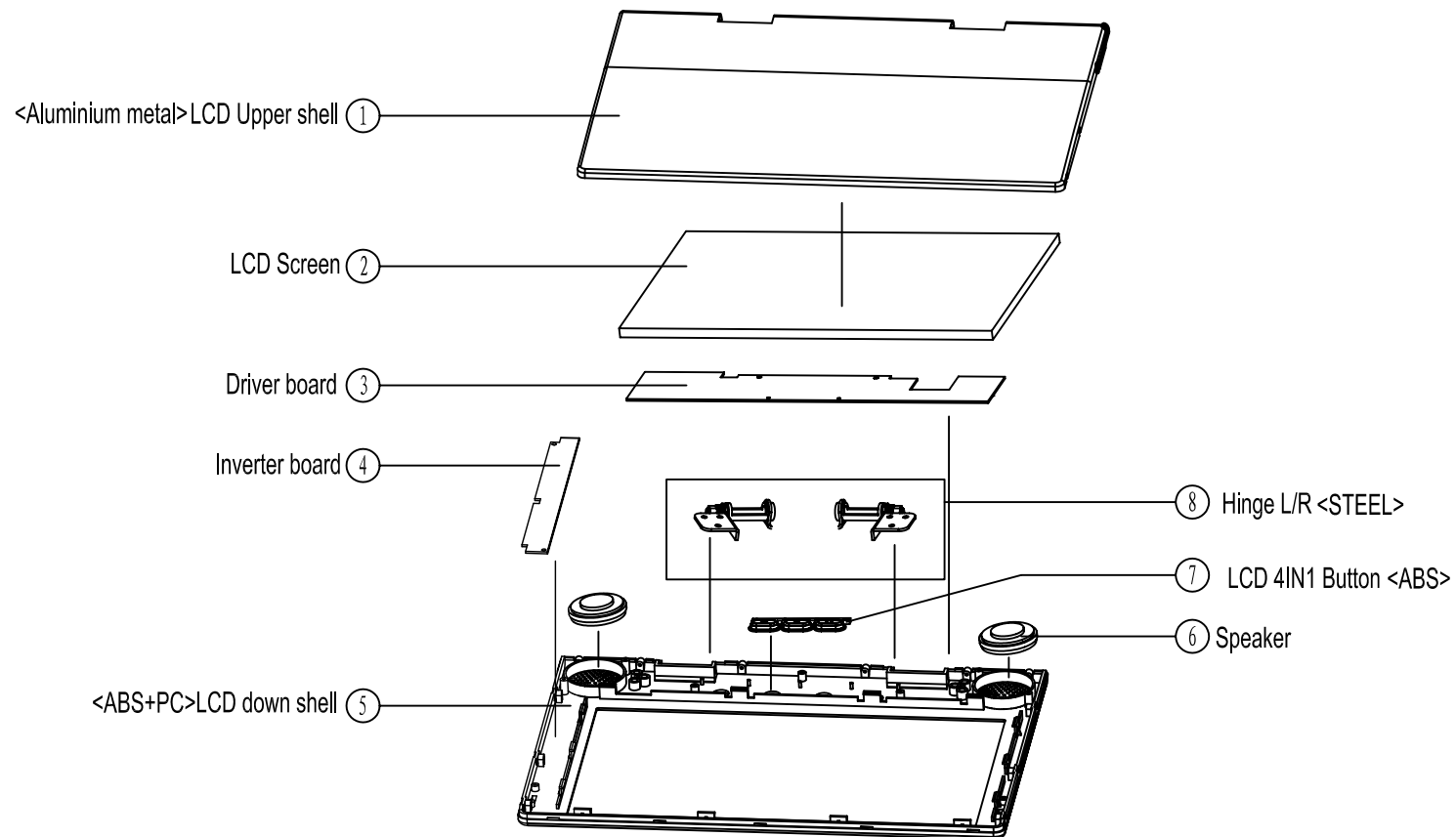
01. 33. CT. EB22U16V	SMD Tantalum Capacitance	T491B226K016AT	1	C74
01. 33. CT. EB47U6V3	SMD Tantalum Capacitance	B-47UF-6. 3V	1	C112
01. 33. CT. EB47U10V	SMD Tantalum Capacitance	T491B476K010AT	7	C33 C55 C83 C92 C93 C97 C110
01. 33. CT. EC47U16V	SMD Tantalum Capacitance	T491C476K016AS	1	C47
01. 33. CT. EC100U6V3	SMD Tantalum Capacitance	T491C107K006AT	5	C10 C81 C85 C100 1C60
01. 33. CT. EC100U10V	SMD Tantalum Capacitance	T491C107K010AT	1	C78
01. 13. L. L. S. E052	Inductance	SLF7032-6. 8UH	1	L10
01. 13. L. L. S. E003	SMD Inductance	0603-2. 7UH	4	L1 L5 L6 L7
01. 13. L. L. S. E010	SMD Inductance	0805-2. 7UH	2	L20 L23
01. 13. L. L. S. E018	SMD Inductance	1206-10UH	1	L16
01. 13. L. L. S. E090	Inductance	1210-10UH (NLCV32T-100K-PF SMD)	4	L12 L19 L17 L13
01. 13. L. Z. ESB50	SMD Magnetism bead	0805-50 Ω	1	L4
01. 13. L. Z. ESB220	SMD Magnetism bead	0805-220 Ω	3	FB1 FB2 FB3
01. 13. L. Z. ESC100	SMD Magnetism bead	1206-100 Ω	2	L21 FB4
01. 41. D. PS. E5819	Diode	5819 1A SMD	2	D9 D16
01. 41. D. PS. E54S	Diode	BAT54S SMD	4	D5 D6 D7 D8
01. 41. D. WS. E16V	SMD Zener diode	16V	1	D3
01. 41. D. WS. E10V	SMD Zener diode	10V	1	D4
01. 42. Q. S. E3904	Audion	SMBT3904 SMD	3	Q1 Q2 Q3
01. 00. JZ. E27000A	DIY Oscillator	27. 000MHZ-49S-10P	1	Y1
01. 44. IC. S. ET100A	IC	T100A SMD	1	U1
01. 44. IC. S. EGM2830	IC	GM2830-2. 5V SMD	1	U6
01. 44. IC. S. E3414M	IC	NJM3414AM SMD	1	U2
01. 44. IC. S. E1780	IC	AT1780M SMD	1	U9
01. 44. IC. S. EL78L05	IC	78L05 SMD	1	U8
01. 40. CON. S13. AY. E003	SMD jack	1. 25-2A	2	JP1 JP2
01. 40. CON. S08. E002	SMD jack	0. 8-20A	1	J1
01. 40. CON. S05. E009	SMD jack	FPC-0. 5-26P	1	JP4
01. 39. SW. QC. ESKFC	SMD touch switch	KFC-2TP030D (6*6*3. 1) 200g $\pm 20\%$	4	SW1 SW2 SW3 SW4
01. 37. PCB. 4. E2716C1	Circuit board	Driver board 2716C-V1. 0	1	
Bom NO.	Part NO.	Part Name.	Qty	
PD-58507 Battery	02. 03. 83. PD-58507B	Charging battery	1	

Part NO.	Name	Specification	Qty	LOCA NO.
01. 00. SJ. DVD900T. E016	Plastic	900T-Battery box upper cover	1	
01. 00. SJ. DVD900T. E017	Plastic	900T-Battery box lower cover	1	
01. 00. SJ. DVD900T. E018	Plastic	900T-Battery switch	1	
01. 00. WJ. TH. E100	Spring	DVD-900T Battery spring	1	
01. 00. WJ. JG. E013	Screw	1. 7*5KAHNI	8	
01. 00. WJ. JG. E016	Screw	1. 7*6KAHNI	2	
01. 14. DX. C. E3800YK	Lithium battery	0827190/3800mAh/3. 7V	1	
01. 00. DP. HM. E178	Sponge pad	φ 9*1. 8mm	2	
01. 00. DP. XJ. E049	silica gel pad	6. 34*5. 8mm	2	
01. 00. DP. HM. E116	Sponge pad	40*15*6mm	2	
01. 00. DP. HM. E015	Sponge pad	20*20*3. 5	3	
02. 03. 84. 2356C	Battery protect board	PD-5851 (2356C)	1	
Bom NO.	Part NO.	Part Name.	Qty	
PD-5851-2299C	02. 03. 84. 2299C	DVD Keystoke board	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 39. SW. AJ. E025	Keystoke switch	DVD-900V-1701C (φ 5*14)	1	SW6-SW19
01. 40. CON. S05. E003	SMD jack	FPC-0. 5-13P	1	J1
01. 40. CON. S13. AY. E006	SMD jack	1. 25-6A	1	J2
01. 37. PCB. 2. E2299C	Circuit board	Keystoke board 2299C	1	
Bom NO.	Part NO.	Part Name.	Qty	
PD-5851-2300C	02. 03. 84. 2300C	DVD Keystoke board	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 39. SW. AJ. E026	Keystoke switch	DVD-900V-1702C (φ 5*5)	1	SW1-SW5
01. 40. CON. S13. AY. E006	SMD jack	1. 25-6A	1	J1
01. 37. PCB. 2. E2300C	Circuit board	Keystoke board 2300C	1	
Bom NO.	Part NO.	Part Name.	Qty	
PD-5851-2340C	02. 03. 84. 2340C	Switch board	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 57. R. 2. E101J	SMD Resistance	0603-100 Ω ± 5%	1	3R1
01. 57. R. 2. E102J	SMD Resistance	0603-1K Ω ± 5%	2	3R44 3R45

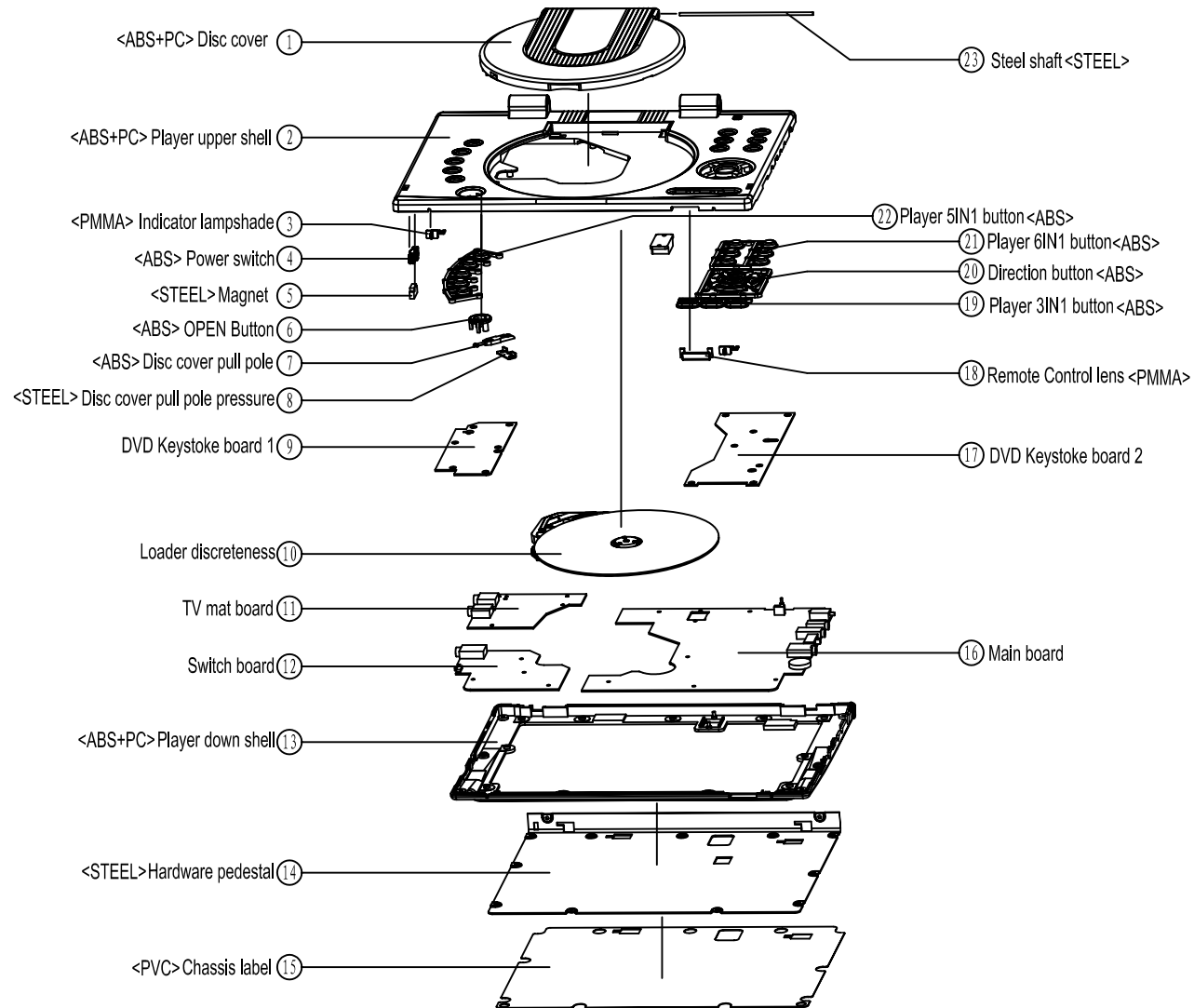
01. 57. R. 2. E471J	SMD Resistance	0603-470 $\Omega \pm 5\%$	1	3R2
01. 54. CS. 2. E681N	SMD Capacitance	0603-680P NPO $\pm 5\%/50V$	2	3C41 3C44
01. 34. CL. D. E100U16VC	Electrolyse Capacitance	CD110-100UF/16V 5*11	2	3C42 3C43
01. 13. L. L. S. E007	SMD Inductance	0805-10UH	2	3L4 3L5
01. 39. SW. FW. E811101	Power switch	SSSS811101 SMD	1	SW1
01. 40. CON. DCZ. E020	Earphone jack	CK-3. 5-023P1K, ST-35061	1	3J3
01. 41. D. FD. E3RG	Radiation Diode	$\phi 3$	1	LED2
01. 40. CON. S05. E002	SMD jack	FPC-0. 5-13P	1	J1
01. 39. SW. FW. E11190	RESET button switch	MIK/MPU11190MLB7	2	SW2 SW3
01. 37. PCB. 2. E2340C	Circuit board	Switch board 2340C	1	
Bom NO.	Part NO.	Part Name.	Qty	
PD-5851-2374C	02. 03. 84. 2374C	Inverter board	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 57. R. 2. E100J	SMD Resistance	0603-10 $\Omega \pm 5\%$	1	R1
01. 57. R. 2. E330J	SMD Resistance	0603-33 $\Omega \pm 5\%$	2	R5 R6
01. 57. R. 2. E102J	SMD Resistance	0603-1K $\Omega \pm 5\%$	1	R9
01. 57. R. 2. E272J	SMD Resistance	0603-2. 7K $\Omega \pm 5\%$	1	R11
01. 57. R. 2. E333J	SMD Resistance	0603-33K $\Omega \pm 5\%$	1	R10
01. 57. R. 2. E104J	SMD Resistance	0603-100K $\Omega \pm 5\%$	2	R4 R7
01. 57. R. 2. E824J	SMD Resistance	0603-820K $\pm 5\%$	1	R12
01. 57. R. 2. E105J	SMD Resistance	0603-1M $\Omega \pm 5\%$	1	R8
01. 54. CS. 2. E331N	SMD Capacitance	0603-330P NPO $\pm 5\%/50V$	1	C10
01. 54. CS. 2. E681X	SMD Capacitance	0603-680P X7R $\pm 10\%/50V$	2	C7 C8
01. 54. CS. 2. E153X	SMD Capacitance	0603-153 X7R $\pm 10\%/50V$	1	C5
01. 54. CS. 2. E333X	SMD Capacitance	0603-333 X7R $\pm 10\%/50V$	1	C12
01. 54. CS. 2. E104Y	SMD Capacitance	0603-104 Y5V-20+80%/50V	2	C11 C19
01. 54. CS. 2. E105Y	SMD Capacitance	0603-105 Y5V-20+80%/10V	2	C6 C16
01. 54. CS. 2. E225Y	SMD Capacitance	0603-225 Y5V-20+80%/10V	1	C4
01. 54. CS. 3. E475/16V	SMD Capacitance	0805-475 Y5V+80-20%/16V	6	
01. 34. CL. D. E22U16VA	Electrolyse Capacitance	SS-22UF/16V 3*5	1	C13
01. 54. CS. 6. E100	SMD Capacitance	1808-10P/3KV NPO $\pm 5\%$	1	C3
01. 41. D. PS. EBAV99	Diode	BAV99LT1 SMD	2	D2 D3
01. 41. D. PS. EUDZS5V6	Diode	UDZSTE-17 (5. 6V) SMD	1	ZD1
01. 42. Q. S. E3904	Audion	SMBT3904 SMD	3	Q1 Q2 Q3
01. 44. IC. S. E9962	Transistor	AP9962M SMD	1	U2
01. 44. IC. S. EOZ9RR	IC	OZ9RRGN SMD	1	U1
01. 13. L. L. S. E082	SMD Inductance	SMI-42-100A	1	L1
01. 40. CON. S13. AY. E005	SMD jack	1. 25-3A	1	CN1
01. 40. CON. S35. E001	SMD Hi-voltage jack	3. 5-2P	1	CN2

01. 38. FUSE. S. E030	Fuse	1206FA-3A 48V 。	1	F1
01. 13. L. R. E045	Transformer	UI8507AU	1	BT1
01. 37. PCB. 2. E2374C1	Circuit board	Inverter board2374C-V1.0	1	
Bom NO.	Part NO.	Part Name.	Qty	
MINV85-82AU1B01	02. 07. MINV8582AU1B01	Inverter	1	
Part NO.	Name	Specification	Qty	LOCA NO.
01. 57. R. 2. E330J	SMD Resistance	0603-33 $\Omega \pm 5\%$	2	R8 R9
01. 57. R. 2. E221J	SMD Resistance	0603-220 $\Omega \pm 5\%$	1	R2
01. 57. R. 2. E331J	SMD Resistance	0603-330 $\Omega \pm 5\%$	1	R14
01. 57. R. 2. E102J	SMD Resistance	0603-1K $\Omega \pm 5\%$	1	R12
01. 57. R. 2. E122J	SMD Resistance	0603-1.2K $\Omega \pm 5\%$	1	R11
01. 57. R. 2. E272J	SMD Resistance	0603-2.7K $\Omega \pm 5\%$	1	R1
01. 57. R. 2. E513J	SMD Resistance	0603-51K $\Omega \pm 5\%$	1	R10
01. 57. R. 2. E683J	SMD Resistance	0603-68K $\Omega \pm 5\%$	1	R4
01. 57. R. 2. E104J	SMD Resistance	0603-100K $\Omega \pm 5\%$	1	R5
01. 57. R. 2. E823J	SMD Resistance	0603-82K $\Omega \pm 5\%$	1	R7
01. 57. R. 2. E474J	SMD Resistance	0603-470K $\Omega \pm 5\%$	1	R13
01. 54. CS. 2. E101N	SMD Capacitance	0603-100P NPO $\pm 5\%/50V$	1	C14
01. 54. CS. 2. E821N	SMD Capacitance	0603-820P NPO $\pm 5\%/50V$	1	C6
01. 54. CS. 2. E222X	SMD Capacitance	0603-222 X7R $\pm 10\%/50V$	2	C10 C11
01. 54. CS. 2. E103X	SMD Capacitance	0603-103 X7R $\pm 10\%/50V$	1	C5
01. 54. CS. 2. E153X	SMD Capacitance	0603-153 X7R $\pm 10\%/50V$	1	C15
01. 54. CS. 2. E223X	SMD Capacitance	0603-223 X7R $\pm 10\%/50V$	1	C9
01. 54. CS. 2. E474X	SMD Capacitance	0603-474 X7R $\pm 10\%/10V$	3	C1 C8 C12
01. 54. CS. 2. E105Y16V	SMD Capacitance	0603-105 Y5V-20+80%/16V	1	C7
01. 54. CS. 3. E475/16V	SMD Capacitance	0805-475 Y5V+80-20%/16V	2	C2 C4
01. 35. CC. E120610U16VX	SMD ware capacitance	C3216X5R1C106KT	1	C3
01. 54. CS. 6. E15P0	SMD Capacitance	1808-15P/3KV NPO $\pm 5\%$	1	C13
01. 41. D. PS. EBAV99	Diode	BAV99LT1 SMD	2	D2 D3
01. 41. D. PS. EUDZS5V6	Diode	UDZSTE-17 (5.6V) SMD	1	D1
01. 42. Q. S. E3904	Audion	SMBT3904 SMD	1	Q1
01. 44. IC. S. E9962	Transistor	AP9962M SMD	1	U2
01. 44. IC. S. E3193	IC	Bit3193 SMD	1	U1
01. 13. L. L. S. E083	Inductance	SMI-43-100A	1	L1
01. 40. CON. S13. AY. E005	SMD jack	1.25-3A	1	CON1
01. 40. CON. S35. E001	SMD Hi-voltage jack	3.5-2P	1	CON2
01. 38. FUSE. S. E015	Fuse	F1206FA-1500V063	1	F1
01. 13. L. R. E105	Transformer	UI85607H	1	TR1
01. 37. PCB. 2. E3262C2	Circuit board	Inverter board 3262C-V2.0	1	

LD-850 Portable DVD Display Exploded view

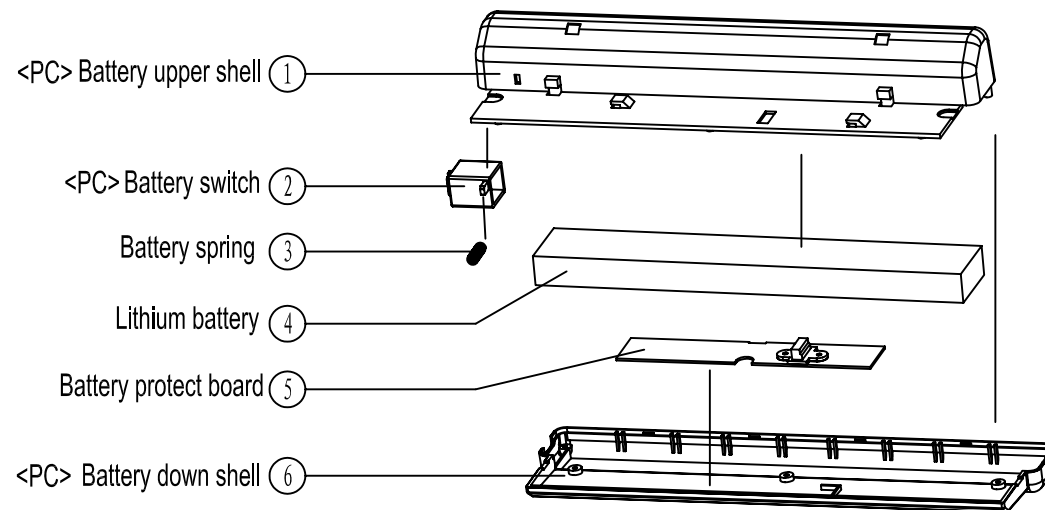


LD-850 Portable DVD Player Exploded view



LD-850 Portable DVD

Battery Exploded view



LD-850 Portable DVD

Overall Exploded view

