



Toshiba SD-44HKSB Service Manual

Dvd home cinema system

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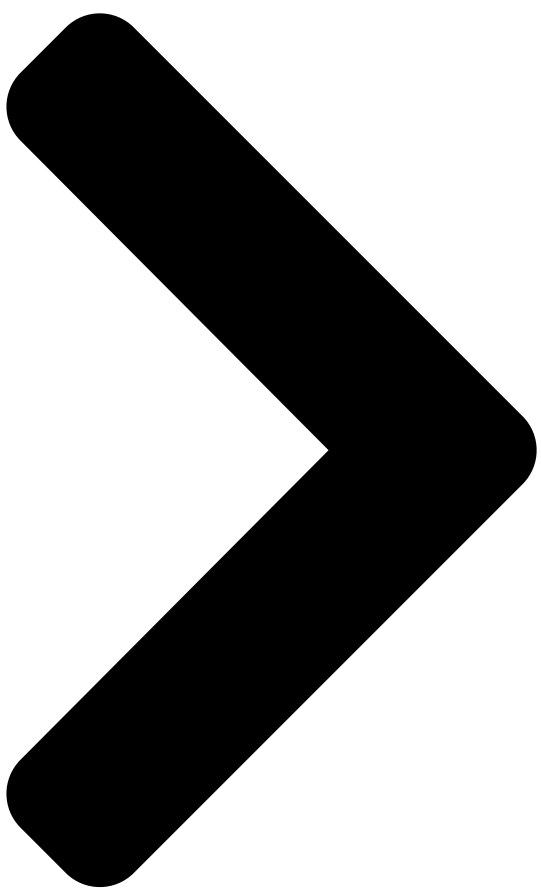
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FILE NO. 810-200456

TOSHIBA
SERVICE MANUAL
DVD HOME
CINEMA SYSTEM



SD-44HKSB TOSHIBA SD-44HKSE

Nov., 2004

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Related Manuals for Toshiba SD-44HKSB

[Home Theater System Toshiba SD-44HKSB Owner's Manual](#)

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[Home Theater System Toshiba SD-44HKSE Owner's Manual](#)

Toshiba dvd home cinema system owner's manual sd-44hkse (34 pages)

[Home Theater System Toshiba SD-43HT Owner's Manual](#)

Dvd home theater system (25 pages)

[Home Theater System Toshiba SD-43HT Service Manual](#)

Dvd home theater system (71 pages)

[Home Theater System Toshiba SD-43HK Owner's Manual](#)

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[Home Theater System Toshiba SD-43HK Owner's Manual](#)

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[Home Theater System Toshiba SD-47HKSR Service Manual](#)

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[Home Theater System Toshiba SD-47HKSR Service Manual](#)

Dvd home cinema theater (18 pages)

[Home Theater System Toshiba SD-47HKSR Service Manual](#)

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[Home Theater System Toshiba SD-43HKSE Service Manual](#)

(74 pages)

[Home Theater System Toshiba SD-43SHT Service Manual](#)

(88 pages)

[Home Theater System Toshiba SD-C67HTSU Owner's Manual](#)

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[Home Theater System Toshiba SD-63HK Owner's Manual](#)

Toshiba dvd home cinema kit owner's manual (40 pages)

[Home Theater System Toshiba SD-V55HT Owner's Manual](#)

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Summary of Contents for Toshiba SD-44HKSB

[Page 1](#) FILE NO. 810-200456 SERVICE MANUAL DVD HOME CINEMA SYSTEM SD-44HKSB SD-44HKSE FM/AM SUBTITLE TOP MENU Nov., 2004...

[Page 2](#) • SD-44HKSB

[Page 3](#) SECTION 1. GENERAL □ SERVICING PRECAUTIONS NOTES REGARDING HANDLING OF THE PICK-UP 1. Notes for transport and storage 1) The pick-up should always be left in its conductive bag until immediately prior to use. 2) The pick-up should never be subjected to external pressure or impact. Storage in conductive bag Drop impact 2.

[Page 4](#) NOTES REGARDING COMPACT DISC PLAYER REPAIRS 1. Preparations 1) Compact disc players incorporate a great many ICs as well as the pick-up (laser diode). These components are sensitive to, and easily affected by, static electricity. If such static electricity is high voltage, components can be damaged, and for that reason components should be handled with care.

[Page 5](#) □ ESD PRECAUTIONS Electrostatically Sensitive Devices (ESD) Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD 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.

[Page 6](#) DVD HOME CINEMA SYSTEM OWNER'S MANUAL MODEL : SD-44HKSE Before connecting up, operating or repairing this product, please read this instruction booklet carefully and completely.

[Page 7: Safety Precautions](#)

Safety Precautions CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of...

[Page 8: Some Dos And Don'ts On The Safe Use Of Equipment](#)

Some Dos and Don'ts on the Safe Use of Equipment This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety.

[Page 9: Table Of Contents](#)

Table of Contents Introduction Operation with Audio CD and MP3/WMA Disc. 23-24 Playing an Audio CD and MP3/WMA Disc ..23 Safety Precautions2 Notes on MP3/WMA Recordings .

[Page 10: Before Use](#)

Before Use Playable Discs Disc-related terms Title (DVD video discs only) The main film content or accompanying feature content DVD video discs or additional feature content, or music album. (8 cm / 12 cm disc) Each title is assigned a title reference number enabling Video CD (VCD) you to locate it easily.

[Page 11: Precautions](#)

Before Use (Continued) Precautions Storing discs After playing, store the disc in its case. Handling the unit Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sun- When shipping the unit light, as there may be a considerable temperature The original shipping carton and packing materials may...

[Page 12: Front Panel And Display Window](#)

Front Panel and Display Window DISPLAY Window VOLUME controller ON/STANDBY indicator Lights red when the receiver is in Standby mode. Lights green when the receiver is in on mode (on). STOP/MEMO OPEN/CLOSE Remote sensor DISC Tray FUNCTION/PLAY Press and hold down this button about 3 seconds, then press repeatedly to select other function.

[Page 13: Remote Control Overview](#)

Remote Control Overview POWER OPEN/CLOSE FM/AM FUNCTION SELECTOR You can also select the desired function with the FUNC./PLAY on the front panel. SLEEP (p. 29) NUMBER SUBTITLE (p. 22) SOUND (p. 15) SUBTITLE RETURN (p. 17, 20, 25) AUDIO (p. 22, 24) DISPLAY (p.

[Page 14: Rear Panel](#)

Rear Panel POWER CORD SPEAKER Connectors COAXIAL DIGITAL IN Connector AV2 AUDIO Input (L/R)/VIDEO IN Connectors AV1 AUDIO Input (L/R)/VIDEO IN Connectors VIDEO OUTPUT SELECTOR Select either COMPONENT VIDEO OUT or RGB signal of EURO AV OUTPUT(TO TV)

terminal depending on how you connect the DVD/CD Receiver to the TV.

[Page 15: Connections](#)

Connections TV Connections Make one of the following connections, depending on Progressive Scan connection the capabilities of your existing equipment. If your television is a high-definition or "digital ready" When you connect the DVD/CD Receiver to other television, you may take advantage of the DVD/CD equipment, be sure to turn off the power and unplug Receiver's progressive scan output for the higher all of the equipment from the wall outlet before...

[Page 16: Optional Equipment Connections](#)

Connections (Continued) Optional Equipment Connections Connect a VCR to the AV1 connectors. Connect an additional VCR to the AV2 connectors. Connect an optical output of DVD Player (or Digital Audio Device etc) to the OPTICAL IN connector. Connect an coaxial output of DVD Player (or Digital Audio Device etc) to the COAXIAL DIGITAL IN connector. Additional VCR VIDEO VIDEO...

[Page 17: Aerial Connections](#)

Connections Aerial Connections Connect the supplied FM/AM aerial for listening to the radio. Connect the AM Loop aerial to the AM aerial connector. Connect the FM Wire aerial to the FM aerial connector. AM Loop aerial (supplied) FM Wire aerial (supplied) Notes To prevent noise pickup, keep the AM Loop aerial away from the DVD/CD Receiver and other components.

[Page 18: Speaker System Connection](#)

Connections (Continued) Speaker System Connection Connect the speakers using the supplied speaker cords. To obtain the best possible surround sound, adjust the speaker parameters (volume, distance, etc.). Front speaker Front speaker (Right) (Left) Center speaker Rear speaker Rear speaker (Right surround) (Left surround) Subwoofer Notes...

[Page 19: Speaker Positioning](#)

Connections (Continued) Speaker Positioning In the case of normal positioning using the 6 speakers (2 front speakers, centre speaker, 2 rear speakers and sub-woofer). If you want to play the excellent bass sound, DTS digital surround or Dolby Digital surround, you should connect a subwoofer.

[Page 20: Before Operation](#)

Before Operation Mini Glossary for Audio Stream & Sound Mode Surround mode You can enjoy surround sound simply by selecting one of the pre-programmed sound fields according to the program you want to listen to. Press CD/DVD to select Allows you to enjoy 5.1(or 6) discrete channels of high quality DVD mode.

[Page 21: General Explanation](#)

Before Operation (Continued) General Explanation Press 1 1 /2 2 to change the setting of an item. The number buttons can be also be used for setting This manual gives basic instructions for operating the numbers (e.g., title number). For some functions, DVD/CD Receiver.

[Page 22: Initial Setup](#)

Before Operation (Continued) Initial Setup Picture TV Aspect You can set your own Personal Preferences on the DVD/CD Receiver. 4:3 Letterbox: Select when a standard 4:3 TV is connected. Displays theatrical images with masking bars General and Operation above and below the picture. 4:3 Panscan: Select when a conventional TV set is Press SETUP.

[Page 23: Speaker Setup](#)

Before Operation (Continued) Speaker Setup Auto Play You can set up the DVD/CD Receiver so a DVD disc 5.1 Speaker settings automatically starts playing whenever the DVD is insert- Select speaker settings, including volume balance and delay time, or test the speaker settings. If Auto Play mode is set to On, this DVD/CD Receiver Speaker settings are only active on the Analog Multi- will search a title that playback time is longest and then...

[Page 24: Parental Control](#)

Before Operation (Continued) Parental Control Area Code Enter the code of a country/area whose standards were Rating used to rate the DVD video disc, referring to the list Movies on DVDs may contain scenes not suitable for (See "Area Code List", page 31). children.

[Page 25: Operation With Dvd And Video Cd](#)

Operation with DVD and Video CD Playing a DVD and Video CD General Features Playback Setup VCD2.0 VCD1.1 Note Unless stated otherwise, all operations described use Turn on the TV and select the video input source con- the remote control. Some features may also be needed to the DVD/CD Receiver.

[Page 26: Still Picture And Frame-By-Frame Playback](#)

Operation with DVD and Video CD (Continued) General Features (continued) Video CDs - Repeat Track/All/Off 1 To repeat the track currently playing, press REPEAT. Still Picture and Frame-by-frame playback The Repeat Track icon appears on the TV screen. 2 To repeat the disc currently playing, press REPEAT a VCD2.0 VCD1.1 second time.

[Page 27: 3D Surround](#)

Operation with DVD and Video CD (Continued) General Features (continued) 3 Press CLEAR. The Marker number will be erased from the list. 4 Repeat steps 2 and 3 to erase additional Marker BYPASS 3D Surround VCD2.0 VCD1.1 3D SUR numbers. 5 To remove the MARKER SEARCH menu, press This unit can produce a 3D Surround effect, which SEARCH.

[Page 28: Operation With Audio Cd And Mp3/Wma Disc](#)

Operation with Audio and MP3/WMA Disc Playing an Audio CD and MP3/WMA Disc Notes on MP3/WMA Recordings About MP3 An MP3 file is audio data compressed by using the The DVD/CD Receiver can play MP3/WMA formatted MPEG1 audio layer-3 file-coding scheme. We call recordings on CD-ROM, CD-R or CD-RW discs.

[Page 29: Pause](#)

Operation with Audio and MP3/WMA Disc (Continued) Pause Repeat A-B Press PAUSE/STEP during playback. To repeat a sequence. 2 To return to playback, press PLAY or press 1 During disc playback, press REPEAT A-B at your cho- PAUSE/STEP again. sen starting point. The Repeat icon and "..."

[Page 30: Operation With Jpeg Disc](#)

Operation with JPEG Disc Moving to another File Viewing a JPEG disc JPEG Press SKIP . or > once during viewing a picture This DVD/CD Receiver can play discs with JPEG files. to advance to the next file or to the previous file. Before playing JPEG recordings, read the notes on Still Picture JPEG Recordings on right.

[Page 31: Programmed Playback](#)

Programmed Playback VCD2.0 VCD1.1 Programmed Playback with Audio CD Programmed Playback with Video CD and MP3/WMA Disc Note The Program function enables you to store your On a Video CD with PBC, you must set PBC to Off on the favourite tracks from any disc in the receiver memory.

[Page 32: Speaker Setup](#)

Speaker Setup Additional Information Adjust the following settings for the built-in 5.1 channel Last Condition Memory surround decoder. VCD1.1 Disc Audio This DVD/CD Receiver memorizes the user settings for Disc Subtitle the last disc that you have viewed. Settings remain in Disc Menu memory even if you remove the disc from the player or Rating...

[Page 33: Operation With Radio](#)

Operation with Radio Presetting the radio stations Listening to the radio You can preset 50 stations for FM and AM (MW). Before Preset radio stations in the DVD/CD Receiver's memory tuning, make sure that you have turned down the vol- first (see "Presetting radio stations"...

[Page 34: Other Function](#)

Other Function Sleep Timer Setting Notes You can set the DVD/CD Receiver to turn off automatically. There is only one set of OPTICAL and COAXIAL input cally at a specified time. connectors. They are common for AV1 and AV2. Press SLEEP to set the desired sleep time. The Optical input function is available only when the other unit's Sampling Frequency is 32 ~ 96kHz.

[Page 35: Language Code List](#)

Language Code List Enter the appropriate code number for the initial settings "Disc Audio", "Disc Subtitle" and/or "Disc Menu" (See page 17). Code Language Code Language Code Language Code Language 6566 Abkhazian 7074 Fiji 7678 Lingala 8373 Singhalese 6565 Afar 7073 Finnish 7684...

[Page 36: Country Code List](#)

Area Code List Enter the appropriate code number for the initial setting "Area Code" (See page 19). Code Area Code Area Code Area Code Area Andorra Eritrea Saint Lucia Seychelles United Arab Emirates Spain Liechtenstein Sudan Afghanistan Ethiopia Sri Lanka Sweden Antigua and Barbuda Finland...

[Page 37: Troubleshooting](#)

Troubleshooting Check the following guide for the possible cause of a problem before contacting service. Cause Correction Symptom • The power cord is disconnected. • Plug the power cord securely into the No power. wall outlet. • No disc is inserted. •...

[Page 38](#) Troubleshooting (Continued) Cause Correction Symptom • The antenna is positioned or connected Radio stations cannot • Connect the antenna securely. poorly. be tuned in. • Adjust the antennas and connect an external antenna if necessary. • The signal strength of the stations is too •...

[Page 39: Specification](#)

* Designs and specifications are subject to change without notice. * Exemptions Toshiba is not liable for any damage caused by fires, natural disaster (such as thunder, earthquake, etc.). acts by third parties, accidents, owner's misuse, or uses in other improper conditions.

[Page 40](#) Printed in Indonesia P/N: 3834RH0050X 1-39...

[Page 42](#) SECTION 2. AUDIO PART □ ELECTRICAL TROUBLESHOOTING GUIDE 1. Power check flow INSERT POWER CORD. TURN ON CHECK POWER PLUG THE RED LED? AND POWER SUPPLY CIRCUIT . TURN POWER ON. IS POWER ON? CHECK POWER SUPPLY CIRCUIT . DOES INITIAL CHECK LASER CIRCUIT .

[Page 43](#) 2. AUDIO μ.COM CIRCUIT POWER ON Does VIDEO 1/2, TV, AUDIO, Does CD/DVD OPTICAL IN, COAXIAL IN, FM87.5 appear at FLT? appear at FLD? Does it appear Does LOADING DVD Error at appear at FLD? FLD? Check Does no Disc or Connector(PN902)if Reconnet it.

[Page 44](#) 3. FRONT CIRCUIT (1/2)

[Page 45](#) 4. FRONT CIRCUIT (2/2)

[Page 46](#) SECTION 3. DVD PART ELECTRICAL TROUBLESHOOTING GUIDE 1. Power check flow...

[Page 47](#) 2. Test & debug flow...

[Page 53](#) □ DETAILS AND WAVEFORMS ON SYSTEM TEST AND DEBUGGING 1. SYSTEM 27MHz CLOCK,RESET,FLASH R/W SIGNAL 1) MT1379 main clock is at 27MHz(X501) 2) MT1336 reset is high active...

[Page 54](#) 3) RS232 waveform during procedure(Downloading) 4) Flash R/W enable signal during download(Downloading)

[Page 55](#) 2. SDRAM CLOCK 1) MT1379 main clock is at 27MHz(X501) 3. TRAY OPEN/CLOSE

SIGNAL 1) Tray open/close waveform 3-10...

[Page 56](#) 2) Tray close waveform 3) Tray open waveform 3-11...

[Page 57](#) 4. SLED CONTROL RELATED SIGNAL (NO DISC CONDITION) 5. LENS CONTROL RELATED SIGNAL(NO DISC CONDITION) 3-12...

[Page 58](#) 6. LASER POWER CONTROL RELATED SIGNAL (NO DISC CONDITION) 7. DISC TYPE JUDGEMENT WAVEFORM 3-13...

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[Page 60](#) 8. FOCUS ON WAVEFORM 3-15...

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[Page 65](#) 3) C 14. AUDIO OUTPUT FORM AUDIO DAC 1) Audio related Signal 3-20...

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[Page 67](#) □ DVD PART SCHEMATIC DIAGRAMS □ DVD PART SCHEMATIC DIAGRAMS • DECK MECHANISM EXPLODED VIEW • PACKING ACCESSORY SECTION 811 PLUG ASS'Y 1WAY(YELLOW) 814 ANTENNA LOOP(AM) 813 ANTENNA (LED FM) BATTERY OWNER'S MANUAL REMOCON 024A 024A SHEET PACKING, CASING OPTIONAL PART...

[Page 69](#) SECTION 5. SPEAKER SECTION □ MODEL: V55HTW A900...

[Page 70](#) □ MODEL : V55HTC A700...

[Page 71](#) □ MODEL: V55HTS A800...

[Page 73](#) NOTES) electrical shock. SECTION 6 REPLACEMENT PARTS LIST TOSHIBA MODEL : SD-44HKSE NSP : Not available as service parts. RUN DATE : 07-SEP-04 AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS *** INDIVIDUAL PARTS *** AF000910 4940RLV002A...

[Page 74](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS C924 79096130 0CE108EH610 CAPACITOR, FIXED ELECTROLYTIC 1000UF KMG 25V 20% BULK FL C925 AF000848 0CE108BD630 CAPACITOR, FIXED ELECTROLYTIC 1000UF KME TYPE 10V 20% FM5 BU C926 AF000847 0CE1076H618 CAPACITOR, ELECTROLYTIC 100M SMS 25V M FM5 TP(5)

[Page 75](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS L923 79091007 633-088G COIL, CHOKE 22MH TOKO 5MM TP LF901 AF000621 6200JB8013N FILTER(CIRC), EMC SQE2828 KWANGSUNG BK 30MH LH-A LF902 AF000621 6200JB8013N FILTER(CIRC), EMC SQE2828 KWANGSUNG BK 30MH LH-A PC910 79094030 657-063A...

[Page 76](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS 79096531 3210R-M002A FRAME UP/DOWN MOLD DP7C 011A AF000925 6850R-JW16B CABLE, FLAT P=1.0 FFC UL2896(0.035X0.7) 23 79096652 5040R-0075B RUBBER DAMPER DP7 (CHUNG PUNG 30) AF000076 5040R-0075D RUBBER DAMPER DP7 (YAMAUCHI 30)

[Page 77](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS

C115 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508 R/TP C201 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508 R/TP C202 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508 R/TP...

[Page 78](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C293 79097108 0CE4764F638 CAPACITOR,FIXED ELECTROLYTIC 47UF SRA,SS 16V 20% FM5 TP
5 C295 79097104 0CE1064F638 CAPACITOR,ELECTROLYTIC 10M SRA 16V M FM5 TP(5) C296
79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508 R/TP...

[Page 79](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C357 79096125 0CE1076D618 CAPACITOR,ELECTROLYTIC 100M SMS 10V M FM5 TP(5) C358
79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508 R/TP
C359 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508
R/TP...

[Page 80](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C579 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508
R/TP C580 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F)
1508 R/TP C582 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z
Y5V(F) 1508 R/TP...

[Page 81](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C637 79096155 0CH4470K412 CAPA,CHIP CERAMIC M/L T.C F/S 47P 50V J COG 1.6X0.8 R/TP
C638 79096118 0CE1066J618 CAPACITOR,ELECTROLYTIC 10M SMS 35V M FL TP(5) C639
79096118 0CE1066J618 CAPACITOR,ELECTROLYTIC 10M SMS 35V M FL...

[Page 82](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C746 AF000851 0CE337EK638 CAPACITOR,FIXED ELECTROLYTIC 330UF KMG 50V 20% FM5 TP 5
C747 79096158 0CK105EK94A CAPACITOR,FIXED CERAMIC(High d 1UF 3216 50V 80%,-20%
R/TP F(Y C748 79096158 0CK105EK94A CAPACITOR,FIXED CERAMIC(High d...

[Page 83](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
D105 79097506 0DR102109AA DIODE,RECTIFIERS RL102-10C GULF SEMICONDUCTOR L D301
79097506 0DR102109AA DIODE,RECTIFIERS RL102-10C GULF SEMICONDUCTOR L D601
79096305 0DD133009AA DIODE,SWITCHING 1SS133 DETECT,SW TP D602 79096305
0DD133009AA DIODE,SWITCHING 1SS133 DETECT,SW TP...

[Page 84](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
L5C1 79091005 6200HJC102A FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L601
79091005 6200HJC102A FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L602 79091005
6200HJC102A FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L603 79091005 6200HJC102A
FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L604...

[Page 85](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
Q905 79098776 0TR103009AF TRANSISTOR,BIPOLARS KRA103M(KRA2203) KEC TP TO92M R101
79098773 0RH4702C622 RESISTOR,METAL GLAZED(CHIP) 47K OHM 1 / 16 W 1608 5.00% D
R102 79098773 0RH4702C622 RESISTOR,METAL GLAZED(CHIP) 47K OHM 1 / 16 W 1608 5.00%
D...

[Page 86](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R205 79096563 0RH0272C622 RESISTOR,METAL GLAZED(CHIP) 27 OHM 1 / 16 W 1608 5.00% D
R206 79096563 0RH0272C622 RESISTOR,METAL GLAZED(CHIP) 27 OHM 1 / 16 W 1608 5.00% D
R207...

[Page 87](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R307 79093044 0RH4700C622 RESISTOR,METAL GLAZED(CHIP) 470 OHM 1 / 16 W 1608 5.00%
D R308 79093027 0RH1000C622 RESISTOR,METAL GLAZED(CHIP) 100 OHM 1 / 16 W 1608
5.00% D R309...

[Page 88](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R366 79093020 0RH0000C622 RESISTOR,METAL GLAZED(CHIP) 0 OHM 1 / 16 W 1608 5.00% D
R367 79093044 0RH4700C622 RESISTOR,METAL GLAZED(CHIP) 470 OHM 1 / 16 W 1608 5.00%
D R368...

[Page 89](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R5A7 79093029 0RH1002C622 RESISTOR,METAL GLAZED(CHIP) 10K OHM 1 / 16 W 1608 5.00%
D R5A9 79098767 0RH1001C622 RESISTOR,METAL GLAZED(CHIP) 1K OHM 1 / 16 W 1608 5.00%
D R5C1...

[Page 90](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R652 79093035 0RH1502C622 RESISTOR,METAL GLAZED(CHIP) 15K OHM 1 / 16 W 1608 5.00%
D R653 79093029 0RH1002C622 RESISTOR,METAL GLAZED(CHIP) 10K OHM 1 / 16 W 1608
5.00% D R661...

[Page 91](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R749 AF000880 0RH0822D622 RESISTOR,METAL GLAZED(CHIP) 82 OHM 1 / 10 W 2012 5.00% D
R750 AF000880 0RH0822D622 RESISTOR,METAL GLAZED(CHIP) 82 OHM 1 / 10 W 2012 5.00% D
R751...

[Page 92](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R039 79098765 0RD8200F608 RESISTOR,FIXED CARBON FILM 820 OHM 1/6 W 5% TA26 R040
79098764 0RD6800F608 RESISTOR,FIXED CARBON FILM 680 OHM 1/6 W 5% TA26 R041
AF000875 0RD0681F608 RESISTOR,FIXED CARBON FILM 6.8 OHM 1/6 W 5.00% TA26...

[Page 93](#) NOTES) electrical shock. SECTION 6 REPLACEMENT PARTS LIST TOSHIBA MODEL :
SD-44HKSB NSP : Not available as service parts. RUN DATE : 07-SEP-04 AL LOCA. NO. TOSHIBA
P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS *** INDIVIDUAL PARTS *** AF000910
4940RLV002A...

[Page 94](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C911 79096144 0CE4766K618 CAPACITOR,FIXED ELECTROLYTIC 47UF SMS,SG 50V 20% FL TP 5
C912 79096166 0CQ2721N409 CAPACITOR,FIXED FILM 0.0027UF D 100V 5% PE TP5 C913
AF000507 0CF56111410 CAPACITOR,FIXED FILM 560PF D 1KV 5% PE NI BULK...

[Page 95](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
IC922 79098750 0IPMGFA017A IC,POWER MANAGEMENT KA78R12TSTU FAIRCHILD 4P TO-22
IC923 79098748 0IPMGFA015A IC,POWER MANAGEMENT KA78R33TSTU FAIRCHILD 4P TO-22
IC924 AF000868 0IPMGKE009C IC,POWER MANAGEMENT KIA7808API-CU KEC 3P TO-220 ST
IC941...

[Page 96](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
AF000886 3041R-M040C BASE ASSEMBLY MAIN DP-7T-DI AF000887 3041R-M044F BASE
ASSEMBLY SLED DP-7T-DI-VA9 79097006 3300R-0547A PLATE CLAMP 79097007 5016H-1016B
MAGNET CLAMP(LDM-R608,10*5,1*1.5T) AF000069 4860R-0021A CLAMP UPPER DP7 AF000909
4930R-0402A HOLDER CLAMP DP-7A...

[Page 97](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C115 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508
R/TP C201 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F)
1508 R/TP C202 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z
Y5V(F) 1508 R/TP...

[Page 98](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C293 79097108 0CE4764F638 CAPACITOR,FIXED ELECTROLYTIC 47UF SRA,SS 16V 20% FM5 TP
5 C295 79097104 0CE1064F638 CAPACITOR,ELECTROLYTIC 10M SRA 16V M FM5 TP(5) C296
79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508 R/TP...

[Page 99](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C357 79096125 0CE1076D618 CAPACITOR,ELECTROLYTIC 100M SMS 10V M FM5 TP(5) C358
79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508 R/TP
C359 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508
R/TP...

[Page 100](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C579 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F) 1508
R/TP C580 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z Y5V(F)
1508 R/TP C582 79092014 0CH1104K942 CAPACITOR,CHIP[CERAMIC M/L HD 0.1UF 50V Z
Y5V(F) 1508 R/TP...

[Page 101](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C637 79096155 0CH4470K412 CAPA,CHIP CERAMIC M/L T.C F/S 47P 50V J COG 1.6X0.8 R/TP
C638 79096118 0CE1066J618 CAPACITOR,ELECTROLYTIC 10M SMS 35V M FL TP(5) C639
79096118 0CE1066J618 CAPACITOR,ELECTROLYTIC 10M SMS 35V M FL...

[Page 102](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
C746 AF000851 0CE337EK638 CAPACITOR,FIXED ELECTROLYTIC 330UF KMG 50V 20% FM5 TP 5
C747 79096158 0CK105EK94A CAPACITOR,FIXED CERAMIC(High d 1UF 3216 50V 80%,-20%
R/TP F(Y C748 79096158 0CK105EK94A CAPACITOR,FIXED CERAMIC(High d...

[Page 103](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
D105 79097506 0DR102109AA DIODE,RECTIFIERS RL102-10C GULF SEMICONDUCTOR L D301
79097506 0DR102109AA DIODE,RECTIFIERS RL102-10C GULF SEMICONDUCTOR L D601
79096305 0DD133009AA DIODE,SWITCHING 1SS133 DETECT,SW TP D602 79096305
0DD133009AA DIODE,SWITCHING 1SS133 DETECT,SW TP...

[Page 104](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
L5C1 79091005 6200HJC102A FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L601
79091005 6200HJC102A FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L602 79091005
6200HJC102A FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L603 79091005 6200HJC102A
FILTER(CIRC),EMC HB-1M2012-102JT CERATECH TP L604...

[Page 105](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
Q905 79098776 0TR103009AF TRANSISTOR,BIPOLARS KRA103M(KRA2203) KEC TP TO92M R101
79098773 0RH4702C622 RESISTOR,METAL GLAZED(CHIP) 47K OHM 1 / 16 W 1608 5.00% D
R102 79098773 0RH4702C622 RESISTOR,METAL GLAZED(CHIP) 47K OHM 1 / 16 W 1608 5.00%
D...

[Page 106](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R205 79096563 0RH0272C622 RESISTOR,METAL GLAZED(CHIP) 27 OHM 1 / 16 W 1608 5.00% D
R206 79096563 0RH0272C622 RESISTOR,METAL GLAZED(CHIP) 27 OHM 1 / 16 W 1608 5.00% D
R207...

[Page 107](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R307 79093044 0RH4700C622 RESISTOR,METAL GLAZED(CHIP) 470 OHM 1 / 16 W 1608 5.00%
D R308 79093027 0RH1000C622 RESISTOR,METAL GLAZED(CHIP) 100 OHM 1 / 16 W 1608
5.00% D R309...

[Page 108](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R366 79093020 0RH0000C622 RESISTOR,METAL GLAZED(CHIP) 0 OHM 1 / 16 W 1608 5.00% D
R367 79093044 0RH4700C622 RESISTOR,METAL GLAZED(CHIP) 470 OHM 1 / 16 W 1608 5.00%
D R368...

[Page 109](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R5A7 79093029 0RH1002C622 RESISTOR,METAL GLAZED(CHIP) 10K OHM 1 / 16 W 1608 5.00%
D R5A9 79098767 0RH1001C622 RESISTOR,METAL GLAZED(CHIP) 1K OHM 1 / 16 W 1608 5.00%
D R5C1...

[Page 110](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R652 79093035 0RH1502C622 RESISTOR,METAL GLAZED(CHIP) 15K OHM 1 / 16 W 1608 5.00%
D R653 79093029 0RH1002C622 RESISTOR,METAL GLAZED(CHIP) 10K OHM 1 / 16 W 1608
5.00% D R661...

[Page 111](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R749 AF000880 0RH0822D622 RESISTOR,METAL GLAZED(CHIP) 82 OHM 1 / 10 W 2012 5.00% D
R750 AF000880 0RH0822D622 RESISTOR,METAL GLAZED(CHIP) 82 OHM 1 / 10 W 2012 5.00% D
R751...

[Page 112](#) AL LOCA. NO. TOSHIBA P/NO LG PART NO. DESCRIPTION SPECIFICATION REMARKS
R038 79096185 0RD1201F608 RESISTOR,FIXED CARBON FILM 1.2K OHM 1/6 W 5% TA26 R039
79098765 0RD8200F608 RESISTOR,FIXED CARBON FILM 820 OHM 1/6 W 5% TA26 R040
79098764 0RD6800F608 RESISTOR,FIXED CARBON FILM...

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