



Toshiba 37AV500P Service Manual

Lcd color television

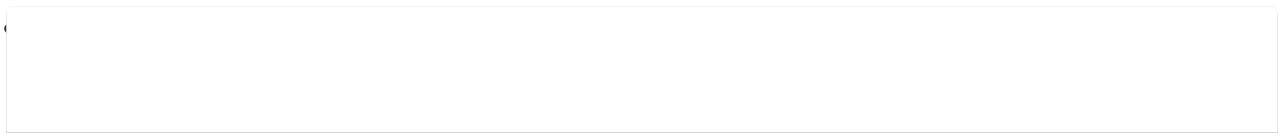
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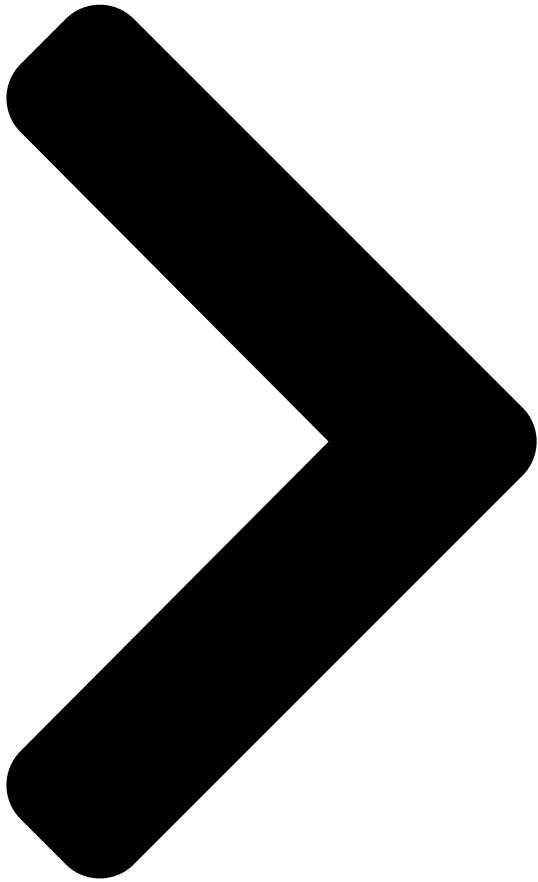
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Bookmarks

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[Enlarged version](#)

SERVICE MANUAL
LCD Color Television
37AV500P



Ver. 2.01

This model is classified as a

[green product](#)

(*1), as indicated by the underlined serial number.

This Service Manual describes replacement parts for the green product. When repairing this green product, use the part(s) described in this manual and

[Lead-Free Solder](#)

(*2).

[Green Product Procurement](#)

[LEAD-FREE](#)

For (*1) and (*2), refer to

and

SOLDER.

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Related Manuals for Toshiba 37AV500P

[TV Toshiba 37HL95 Service Manual](#)

(15 pages)

[TV Toshiba 37HL57 Service Manual](#)

Lcd color television (139 pages)

[TV Toshiba 32SL863B Owner's Manual](#)

Sl86* digital series, ul86* digital series (102 pages)

[TV Toshiba 32RL853B Owner's Manual](#)

Rl85* digital series (76 pages)

[TV Toshiba 32UL863B Owner's Manual](#)

Sl86* digital series, ul86* digital series (102 pages)

[TV Toshiba 42RV635DB Owner's Manual](#)

Rv digital series (49 pages)

[TV Toshiba CPBRO2005Eu Catalog](#)

Home cinema catalogue 2005-6 (21 pages)

[TV Toshiba 27WL56 Owner's Manua](#)

(168 pages)

[TV Toshiba 37HL17 Service Manual](#)

Lcd color television (217 pages)

[TV Toshiba 42WLT58 Series Owner's Manual](#)

Toshiba tv (36 pages)

[TV Toshiba Freeview 17WLT56 Re-Tuning Manual](#)

(2 pages)

[TV Toshiba 42SL833G How To Upgrade The Software](#)

(2 pages)

[TV Toshiba 37AV505D Service Manual](#)

Lcd color television (187 pages)

[TV Toshiba 37XV505D Service Manual](#)

Lcd color television (208 pages)

[TV Toshiba 37C3030D Service Manual](#)

Lcd color television (215 pages)

[TV Toshiba 3787DB Service Manual](#)

(66 pages)

Summary of Contents for Toshiba 37AV500P

[Page 1](#) This Service Manual describes replacement parts for the green product. When repairing this green product, use the part(s) described in this manual and lead-free solder (*2). GREEN PRODUCT PROCUREMENT LEAD-FREE For (*1) and (*2), refer to SOLDER. © TOSHIBA CORPORATION...

[Page 2](#) WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Toshiba shall not be liable for any damages, losses, expenses or costs, if any, incurred in connection with or as a result of use of any information or data provided herein.

[Page 3](#) IMPORTANT NOTICE User's Guide Contents: Install Autodesk DWF Viewer Internet

Explorer Settings Operating Environment Functions Provided on Each Drawing Page Using with Network Install Autodesk DWF Viewer Autodesk DWF Viewer is necessary to view drawings and to activate the functions of this system. Please download and install.

[Page 4](#) 2. Internet Explorer setting [Tools] - [Internet Options] for Internet Explorer 7...

[Page 5](#) for Windows Vista...

[Page 6](#) Operating Environment : Pentium III or higher recommended Monitor : 1024 x 768 or higher resolution recommended Mouse : A mouse with wheel recommended : Microsoft Windows 2000 SP4 / XP / Vista Browser Microsoft Internet Explorer 6.0 / 7.0 Drawing viewer : Autodesk DWF Viewer 6.0 / 7.0 * Use the software following respective license terms and conditions.

[Page 7](#) Layer Display Changing Function When any of the color buttons on the toolbar is clicked, it can be selected to display desired layer in its color or not to display each layer. This allows you to see the pattern layer only by setting other layers to "non- display".

[Page 8](#) 4. Move the ZEUS Engine Program of step 2 to the folder created at step 3 in the Server. 5. Detach the ZEUS Service Manual Ver.2 to the folder created at step 3 in the Server. 6. Unzip the ZEUS Service Manual Ver.2 within the folder in the Server. Example of folder Procedure of File-Path The zeusFPch is the exclusive program to exchange the file-path names written in both source files of ZEUS...

[Page 9](#) 1. Whenever changing the file-path of both ZEUS Engine Program and ZEUS Service Manual to use with network, pay the attention to set the "Exchange to" column that should have a proper relation between ZEUS Engine Program and ZEUS Service Manual with referring the following. Run the zeusFPch and set "Exchange to"...

[Page 10](#) 2. Run the zeusFPch to change the path in the ZEUS Engine Program Ver.2. 3. Set ZEUS Engine Program in the created folder in the server to the "Target Folder", and then press "START". (This procedure is one time only)

[Page 11](#) 4. Run the ZeusFPch to change the path in the ZEUS Service Manual Ver2. 5. Set unzipped ZEUS Service Manual in the created folder in the server to the "Target Folder", and then press "START". (This procedure is required whenever placing service manual.) Confirmation Confirm that service manual on the server can be operated normally by client PC.

[Page 12](#) Through WEB, ver. 6.5 has been released but with it, the linking function in this manual may not work properly. If ver. 6.5 has been installed, uninstall it and reinstall ver. 6.0. To get ver. 6.0, click the icon, or contact to the nearest Toshiba Service Centre for further assistance. Freezing windows opened (Cannot close the open windows) This may happen occasionally.

[Page 13](#) Continue to use by operating the windows. Precaution when opening the diagrams While opening the diagrams, the menu in the left frame changes its color to GRAY. This is an indication that the viewer is processing. With this condition, the menu indication color may stick to the GRAY color or Windows may freeze if clicking other menu.

[Page 14](#) Corporation recognizes environmental protection as a key management tasks, and is doing its utmost to enhance and improve the quality and scope of its environmental activities. In line with this, Toshiba proactively promotes Green Procurement, and seeks to purchase and use products, parts and materials that have low environmental impacts.

[Page 15](#) LEAD-FREE SOLDER This product is manufactured using lead-free solder as a part of a movement within the consumer products industry at large to be environmentally responsible. Lead-free solder must be used in the servicing and repair of this product. WARNING: This product is manufactured using lead free solder.

[Page 16](#) SAFETY INSTRUCTION WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" INSTRUCTIONS BELOW. Safety Precaution WARNING: SERVICING SHOULD NOT BE ATTEMPTED BY ANYONE UNFAMILIAR WITH THE NECESSARY PRECAUTIONS ON THIS RECEIVER. THE FOLLOWING ARE THE NECESSARY

PRECAUTIONS TO BE OBSERVED BEFORE SERVICING THIS CHASSIS.

[Page 17](#) inflammability, voltage resistance, etc. therefore, use only replacement parts that have these same characteristics. Use only the specified parts when the mark is indicated in the circuit diagram or parts list. 7. Parts mounting and routing dressing of wirings should be the same as that used originally.

[Page 18](#) Resistance values in ohms (Ω). V: Voltmeter or oscilloscope (r.m.s. or peak reading) Input resistance : Input capacitance : 200 pF Frequency range : 15 Hz to 1 MHz and d.c. respectively Note: Appropriate measures should be taken to obtain the correct value in case of non sinusoidal waveforms.

[Page 19: Product Safety Notice](#)

Product Safety Notice Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements;...

[Page 20: Handling The Lcd Module](#)

SAFETY INSTRUCTION Handling the LCD Module Safety Precaution In the event that the screen is damaged or the liquid crystal (fluid) leaks, do not breathe in or drink this fluid. Also, never touch this fluid. Such actions could cause toxicity or skin irritation. If this fluid should enter the mouth, rinse the mouth thoroughly with water.

[Page 21](#) 3. If the panel surface becomes soiled, wipe with cotton or a soft cloth. If this does not remove the soiling, breathe on the surface and then wipe again. If the panel surface is extremely soiled, use a CRT cleaner as a cleaner. Wipe off the panel surface by drop the cleaner on the cloth.

[Page 22](#) 6. CMOS-LSI circuitry is used in the LCD module, so avoid damage due to static electricity. When handling the module, use a wrist ground or anchor ground. 7. Do not expose the LCD module to direct sunlight or strong ultraviolet rays for an extended period of time.

[Page 23](#) 10. When transporting the LCD module, do not use packing containing epoxy resin (amine) or silicon resin (alcohol or oxim). The gas generated by these materials can cause loss of polarity.

[Page 26: Schematic Diagram](#)

SCHEMATIC DIAGRAM Precaution WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION" FOR DIRECT VIEW CTV ONLY, "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" OF THIS MANUAL. CAUTION: The international hazard symbols " " in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

[Page 27](#) = Electrolytic capacitor = Mylar capacitor 3. The parts indicated with " " have special characteristics, and should be replaced with identical parts only. 4. Voltages read with DIGITAL MULTI-METER from point indicated to chassis ground, using a color bar signal with all controls at normal, line voltage at nominal AC volts. 5.

[Page 39](#) ADJUSTMENT Service Mode Entering to Service Mode 1. Set VOLUME to minimum and press button once on remote control. ↓ 2. Press button again and hold button down. ↓ Service Mode display 3. While holding the button, press MENU button on TV set.

[Page 40](#) Displaying the Adjustment Menu Press MENU button on TV. Service Mode Press ↑ ↓ Press Adjustment Mode Key Function in the Service Mode The following key entry during display of adjustment menu provides special functions. CAUTION: Never try to perform initialization unless you have changed the memory IC.

[Page 41](#) Test signal selection Selection of the adjustment items (on TV or remote control) Change of the data value Volume +/- (on TV or remote control) Adjustment menu mode ON/OFF

MENU button (on TV) "RCUT" selection 1 button "GCUT" selection 2 button "BCUT"...

[Page 42](#) GCUT G CUT OFF BCUT B CUT OFF RDRV R DRIVE GDRV G DRIVE BDRV B DRIVE
BRTC BRIGHTNESS CENTER COLC COLOR CENTER TNTC BASE BAND TINT CNTX CONTRAST MAX
VOLUX MAX VOLUME LIMITED OPT1 TV SET OPTION 1 OPT2 TV SET OPTION 2 OPT3 TV SET
OPTION 3...

[Page 43](#) Panel option data Series Model name Panel vendor OPT4 value OPT5 value AV500P
32AV500P 0x01 0x05 0x07 0x05 37AV500P 0x01 0x06 0x07 0x06 42AV500P 0x01 0x07 OPT4
Ex. OPT4 value 0x05 indicates that panel vendor is AUO AMVA. OPT4 (bit7)

[Page 44](#) Convert from Bit (Binary) to Hex The table for converting from bit (D7-D0) to hex
(0x**). BIT (Binary) High nibble Low nibble E.g. If Bit D7-0 = 0101 1010, Hex data is 0x5A. Exit
from Service Mode Pressing POWER button to turn off the TV once.

[Page 45](#) Perform "Auto tune" on the owner's manual. PANEL (HEX) Model name Panel vendor
0x01 or 0x04 32AV500P IPS(old) or IPS(new) 0x02 or 0x05 37AV500P IPS(old) or IPS(new) 0x03
or 0x06 42AV500P LGD(old) or LGD(new) Initializing Data setting flowchart after replacing the
Signal Unit...

[Page 46](#) Test Signal Selection...

[Page 47](#) Every pressing of button on the remote control changes the built-in test patterns on
screen as described below in Service Mode. Picture Signal Red raster Green raster Blue raster
All Black All White Self Diagnostic Function 1. Press "9" button on remote control during display
of adjustment menu in the service mode.

[Page 48](#) (1) Firmware : Version information of microprocessor (2) Time : Total hour of turn the
TV on. (Unit : H) (3) Bus line : -- "OK" is normal SCL-GND (Red indication) : SCL-GND short circuit
SDA-GND (Red indication) : SDA-GND short circuit SCL-SDA (Red indication) : SCL-SDA short
circuit (4) Bus cont : --- "OK"...

[Page 49](#) Version Check Mode 1. Press "9" button twice on remote control during display of
adjustment menu in the service mode. The version of main MPU will be checked. 2. During
Version Check, the following displays are shown. * Version check display and Item are subject to
the models. (1) MAIN MPU : Version information of microprocessor (2) EEPROM :...

[Page 50](#) --NG : A/D adjustment set incorrect. : A/D adjustment is not needed. Because its
picture format isn't used. (6) RF AGC adjustment value RF Adjustment Value is shown. (7) Model
Name Model name information (ascii code). : Display 7 byte data. (8) LCD Panel Vendor
information display The following Panel Vendor (DDD) and screen size (00) are displayed.

[Page 51](#) Display Video and PC format information (3) MAIN PLL : Main PLL information :
Display 1 byte data at five. (4) SCREEN SIZE : Display the screen size as follows. Exact Scan
Wide Super Live 2 Cinema 2 Super Live 1 Cinema 1 Subtitle 14:9...

[Page 52](#) D6 (bit6) - (no use) D5 (bit5) FRONT Key Disable Enable D4 (bit4) All keys except
input selector key Disable Enable (Video/TV) D3 (bit3) User remote control operation Disable
Enable (Service mode and Supere User mode may possible to setting only) D2 (bit2) Disable
SET UP MENU except Disable...

[Page 53](#) 100 is used as ATV when DTV option is disable. OPT7 OPT7 FUNCTION DESCRIPTION
0 (Normal) D7 (bit7) Enable mode that speaker volume will be set in Enable Disable forced when
turn ON the main power D6 (bit6) ~ Forced speaker volume 0 ~ 100 [decimal] (Normal: 0) D0
(bit0) Value above 100 is no effect.

[Page 54](#) 1 Green is OFF; Abnormal operation Turn OFF the TV and unplug Red blinks
continuously at 0.5- the power cord. second intervals. Plug the power cord in again and turn ON
the TV. 2 Green is OFF; Abnormal operation of Turn OFF the TV and unplug Red blinks
continuously at 1- BUS line.

[Page 55](#) TECHNICAL BULLETIN File Name Title issuing date...

[Page 57](#) PANEL IDENTIFICATION Panel Identification If the several panels are alternatively used in the same model without amending the model name, the identification marking will be shown at the last digit of the set serial number on the specification label on the back cover. In servicing, do not alter the panel because several setting and parts are different.

[Page 58: Parts List](#)

PARTS LIST Precaution WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION" FOR DIRECT VIEW CTV ONLY, "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" OF THIS MANUAL. CAUTION: The international hazard symbols " " in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list.

[Page 59](#) : Metal Film : Fusible Resistor All CD and PF capacitors are $\pm 5\%$, 50 V and all resistor, $\pm 5\%$, 1/6 W unless otherwise noted.

[Page 60](#) PARTS LIST ↓ Select Block : Search 1 / 1 Jump Location : Page : Jump Search Parts No. :...

[Page 61](#) PARTS LIST All Block Block : Loading ...

[Page 62](#) Block Location Parts No. Description U01AS SIGNAL (PE0484) U01AS 75010399 PC BOARD ASSY, PE0484A, SIGNAL U01AS SIGNAL (PE0484) C101 76797220 CE04G1H220M U01AS SIGNAL (PE0484) C101A 23960136 AD TSE3843W U01AS SIGNAL (PE0484) C102 76109103 CK73B1H103K U01AS SIGNAL (PE0484) C103 76109103 CK73B1H103K U01AS SIGNAL (PE0484) C104 76109103 CK73B1H103K...

[Page 63](#) U01AS SIGNAL (PE0484) C648 76092538 CK73F1A105Z U01AS SIGNAL (PE0484) C649 76092538 CK73F1A105Z U01AS SIGNAL (PE0484) C651 76073152 CE04P1C331M U01AS SIGNAL (PE0484) C652 76073152 CE04P1C331M U01AS SIGNAL (PE0484) C653 76203100 CE04WS1C100M U01AS SIGNAL (PE0484) C654 76109103 CK73B1H103K U01AS SIGNAL (PE0484) C655 76666470 CE04Q1C470M U01AS SIGNAL (PE0484) C660...

[Page 64](#) U01AS SIGNAL (PE0484) CA015 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA016 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA017 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA018 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA019 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA021 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA022 76092747 CK732B0J475K U01AS SIGNAL (PE0484) CA023...

[Page 65](#) U01AS SIGNAL (PE0484) CA086 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA087 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA088 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA089 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA090 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA091 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA092 75009872 CHIP ALUMINUM ELECTROLYTIC CAP U01AS SIGNAL (PE0484) CA093...

[Page 66](#) U01AS SIGNAL (PE0484) CC13 76109102 CK73B1H102K U01AS SIGNAL (PE0484) CC14 76109102 CK73B1H102K U01AS SIGNAL (PE0484) CC15 76109102 CK73B1H102K U01AS SIGNAL (PE0484) CC16 76109102 CK73B1H102K U01AS SIGNAL (PE0484) CF01 76105100 CC73CH1H100D U01AS SIGNAL (PE0484) CF02 76092611 CK732B0J225K U01AS SIGNAL (PE0484) CF03 76092611 CK732B0J225K U01AS SIGNAL (PE0484) CF04...

[Page 67](#) U01AS SIGNAL (PE0484) CV05 76105330 CC73CH1H330J U01AS SIGNAL (PE0484) CV06 76793471 CE04G1A471M U01AS SIGNAL (PE0484) CV07 75006011 CHIP ALUMINUM ELECTROLYTIC CAP U01AS SIGNAL (PE0484) CV14 76793471 CE04G1A471M U01AS SIGNAL (PE0484) CV16 76105330 CC73CH1H330J U01AS SIGNAL (PE0484) CV17 76105330 CC73CH1H330J U01AS SIGNAL (PE0484) CV18 76105330 CC73CH1H330J U01AS SIGNAL (PE0484)

[Page 68](#) PARTS LIST U01AS SIGNAL (PE0484) Block : Loading ...

[Page 69](#) Block Location Parts No. Description U01AS SIGNAL (PE0484) U01AS 75010399 PC BOARD ASSY, PE0484A, SIGNAL U01AS SIGNAL (PE0484) C101 76797220 CE04G1H220M U01AS SIGNAL (PE0484) C101A 23960136 AD TSE3843W U01AS SIGNAL (PE0484) C102 76109103

CK73B1H103K U01AS SIGNAL (PE0484) C103 76109103 CK73B1H103K U01AS SIGNAL (PE0484)
C104 76109103 CK73B1H103K...

[Page 70](#) U01AS SIGNAL (PE0484) C648 76092538 CK73F1A105Z U01AS SIGNAL (PE0484)
C649 76092538 CK73F1A105Z U01AS SIGNAL (PE0484) C651 76073152 CE04P1C331M U01AS
SIGNAL (PE0484) C652 76073152 CE04P1C331M U01AS SIGNAL (PE0484) C653 76203100
CE04WS1C100M U01AS SIGNAL (PE0484) C654 76109103 CK73B1H103K U01AS SIGNAL
(PE0484) C655 76666470 CE04Q1C470M U01AS SIGNAL (PE0484) C660...

[Page 71](#) U01AS SIGNAL (PE0484) CA015 76092883 CK73B1H104K U01AS SIGNAL (PE0484)
CA016 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA017 76092883 CK73B1H104K
U01AS SIGNAL (PE0484) CA018 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA019
76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA021 76092883 CK73B1H104K U01AS
SIGNAL (PE0484) CA022 76092747 CK732B0J475K U01AS SIGNAL (PE0484) CA023...

[Page 72](#) U01AS SIGNAL (PE0484) CA086 76092883 CK73B1H104K U01AS SIGNAL (PE0484)
CA087 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA088 76092883 CK73B1H104K
U01AS SIGNAL (PE0484) CA089 76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA090
76092883 CK73B1H104K U01AS SIGNAL (PE0484) CA091 76092883 CK73B1H104K U01AS
SIGNAL (PE0484) CA092 75009872 CHIP ALUMINUM ELECTROLYTIC CAP U01AS SIGNAL (PE0484)
CA093...

[Page 73](#) U01AS SIGNAL (PE0484) CC13 76109102 CK73B1H102K U01AS SIGNAL (PE0484)
CC14 76109102 CK73B1H102K U01AS SIGNAL (PE0484) CC15 76109102 CK73B1H102K U01AS
SIGNAL (PE0484) CC16 76109102 CK73B1H102K U01AS SIGNAL (PE0484) CF01 76105100
CC73CH1H100D U01AS SIGNAL (PE0484) CF02 76092611 CK732B0J225K U01AS SIGNAL
(PE0484) CF03 76092611 CK732B0J225K U01AS SIGNAL (PE0484) CF04...

[Page 75](#) PARTS LIST U03A POWER (PE0513) Block :...

[Page 76](#) Block Location Parts No. Description U03A POWER (PE0513) U03A 75010398 PC
BOARD ASSY, PE0513A1, POWER U03A POWER (PE0513) C801 76503510 CAPACITOR, PLASTIC
FILM, LE224-C U03A POWER (PE0513) C802 76503510 CAPACITOR, PLASTIC FILM, LE224-C U03A
POWER (PE0513) C811 75010392 CAPACITOR, S07Y1Y5PYE221K BK U03A POWER (PE0513)
C812 75010392 CAPACITOR, S07Y1Y5PYE221K BK...

[Page 77](#) U03A POWER (PE0513) DE06 23362367 DIODE, EU2JP-41AU2 U03A POWER (PE0513)
DE07 23362354 DIODE, ZENER, ZJ33B-26MM U03A POWER (PE0513) DE11 23357709 DIODE,
RU1P U03A POWER (PE0513) DE200 75009328 DIODE, RB055L-40 U03A POWER (PE0513)
DE201 23362290 DIODE, ZENER, ZJ4.7B-26MM U03A POWER (PE0513) DE30 23362302 DIODE,
ZENER, ZJ6.8B-26MM U03A POWER (PE0513)

[Page 78](#) U03A POWER (PE0513) QE103 23205426 TRANSISTOR, KRC106S/P U03A POWER
(PE0513) QE160 23085415 IC, BD4746G U03A POWER (PE0513) QE20 75005723 IC, MP1591DS-
LF-Z U03A POWER (PE0513) QE26 23000823 IC, PHOTO COUPLER, TLP421F(GR) U03A POWER
(PE0513) QE30 23205392 TRANSISTOR, 2SC5343UF-Y(BULK) U03A POWER (PE0513) QE31
23205392 TRANSISTOR, 2SC5343UF-Y(BULK) U03A POWER (PE0513)

[Page 79](#) U03A POWER (PE0513) RE165 76011273 RESISTOR, CHIP, 1/20W 27K OHM J U03A
POWER (PE0513) RE18 75005839 RESISTOR, RGC2-0.47-OHM-J U03A POWER (PE0513) RE19
76552150 RESISTOR, OXIDE METAL FILM, 1/2W 15 OHM J U03A POWER (PE0513) RE200
76011163 RESISTOR, CHIP, 1/20W 16K OHM J U03A POWER (PE0513) RE201 76011821
RESISTOR, CHIP, 1/20W 820 OHM J...

[Page 80](#) U03A POWER (PE0513) RE93 76011473 RESISTOR, CHIP, 1/20W 47K OHM J U03A
POWER (PE0513) RE94 76011223 RESISTOR, CHIP, 1/20W 22K OHM J U03A POWER (PE0513)
RE95 76011223 RESISTOR, CHIP, 1/20W 22K OHM J U03A POWER (PE0513) RE96 76552330
RESISTOR, OXIDE METAL FILM, 1/2W 33 OHM J U03A POWER (PE0513) SR81 23146597 RELAY,
DC5V 0.25W, DG5D1-O(M)-2...

[Page 81](#) PARTS LIST Miscellaneous Block : Search 1 / 1 Jump Location : Page : Jump Search
Parts No. : Block Location Parts No. Description Miscellaneous B001A 75010757 DISPLAY ,
AX094B002B(old) Miscellaneous B001B 75011401 DISPLAY , AX094A034B(new) Miscellaneous
H001 75010341 TUNER, TAEA-G081D Miscellaneous M920 75014013 Cable, Inverter for new

Panel...

[Page 82](#) PARTS LIST Accessory Block : Search 1 / 1 Jump Location : Page : Jump Search Parts No. : Block Location Parts No. Description Accessory Y101 75010356 OWNERS MANUAL, ENG Accessory Y101E 75010358 OWNERS MANUAL, EURO Accessory Y101N 75010360 OWNERS MANUAL, NORDIC Accessory Y102E 75010359 OWNERS MANUAL, E EURO...

[Page 83](#) PARTS LIST Cabinet Block : Search 1 / 1 Jump Location : Page : Jump Search Parts No. : Block Location Parts No. Description Cabinet A201 75010748 CABINET/RACK FRONT BEZEL ASSY, FRONT BEZEL ASSY Cabinet A401 75010749 CABINET/RACK BACK COVER ASSY, BACK COVER ASSY Cabinet A411 23717267 SCREW, BITTB4X16 SBN...

[Page 84](#) PARTS LIST Packing Block : Search 1 / 1 Jump Location : Page : Jump Search Parts No. : Block Location Parts No. Description Packing A701 75010752 CARTON CASE TPO, CASE TPO Packing A702A 75010754 PAD TOP PACKING, TOP PACKING Packing A702B 75010755 PAD BOTTOM PACKING, BOTTOM PACKING...

[Page 85](#) FUNCTION AND OPERATION The Remote Control Simple at-a-glance reference of your remote control.

[Page 87: Using The Controls](#)

FUNCTION AND OPERATION Using the Controls Whilst all the necessary adjustments and controls for the television are made using the remote control, the buttons on the television may be used for some functions. Switching On Using the Remote Control...

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[Page 89](#) FUNCTION AND OPERATION Tuning the Television Before switching on the television put your decoder and media recorder to Standby if they are connected. Quick Setup...

[Page 90](#) Manual Tune...

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