

TOSHIBA

Toshiba 42H82 Service Manual

1

2

3

Table Of Contents

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67

68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117



•

[Table of Contents](#)

•

Bookmarks

[Download this manual](#)

Quick Links



SERVICE MANUAL
TOSHIBA
COLOR TELEVISION

42H82, 57H82 are the same as 50H82 except for the parts tabled on back of this sheet.
Use this service manual together with the service manual of 50H82, 65H82 (File No. 020-200207).

42H82 , 57H82

(TAC0266)

- SUMMARY -

FILE NO. 023-200215

N2PSP Chassis

(TAC0265)

PUBLISHED IN JAPAN, Jul., 2002 So

TOSHIBA

[Table of Contents](#)

[Next Page](#)

1
2
3
4
5

Related Manuals for Toshiba 42H82

[Projection TV TOSHIBA 57H82 Owner's Manual](#)

(64 pages)

[Projection TV Toshiba 42H82 Owner's Manual](#)

Toshiba owner's manual projectiontelevision (59 pages)

[TV Toshiba 50H82 Service Manual](#)

Color television (59 pages)

[LCD TV Toshiba 65H82 Supplementary Manual](#)

Toshiba 65h82: supplementary guide (4 pages)

[Projection TV Toshiba 50H82 Specifications](#)

Brochure (2 pages)

[Projection TV Toshiba 65H82 Specifications](#)

Brochure (2 pages)

[TV Toshiba 42HP84 Service Manual](#)

Plasma color television (37 pages)

[TV Toshiba 42HPX95 Service Manual](#)

Plasma color television (21 pages)

[TV Toshiba 42HP95 Service Manual](#)

(14 pages)

[TV Toshiba 42HPX95 Owner's Manual](#)

Integrated hd plasma tv (144 pages)

[TV Toshiba 42H83 Specifications](#)

Toshiba 42h83: specifications (2 pages)

[TV Toshiba 13A21 Service Manual](#)

(64 pages)

[TV Toshiba 42H81 Service Manual](#)

N1psp chassis (8 pages)

[TV Toshiba 42HL196 Service Manual](#)

Lcd color television (36 pages)

[TV Toshiba 32AV83*B Series User Manual](#)

Digital series (64 pages)

[TV Toshiba 32AV83*G Manual](#)

Digital series (59 pages)

Summary of Contents for Toshiba 42H82

[Page 1](#) (TAC0266) (TAC0265) – SUMMARY – 42H82, 57H82 are the same as 50H82 except for the parts tabled on back of this sheet. Use this service manual together with the service manual of 50H82, 65H82 (File No. 020- 200207). PUBLISHED IN JAPAN, Jul., 2002 So...

[Page 2](#) 23205057 Transistor, KTC3875Y-RTK A201 23540677 Bezel (57H82) (42H82) A202 23450360 Control Panel Assy (42H82) R7907 24011223 Chip, 22k ohm, 1/20W (42H82) A268 23540661 Front Cover (42H82) R7908 24011473 Chip, 47k ohm, 1/20W (42H82) A424 23540709 Back Board (42H82) R7909 24011472...

[Page 3](#) FILE NO. 020-200207 SERVICE MANUAL COLOR TELEVISION N2PSP Chassis 50H82,

[Page 4: Table Of Contents](#)

TABLE OF CONTENTS CHAPTER 1 GENERAL ADJUSTMENTS SAFETY INSTRUCTIONS	
..... 3 CRT ASSEMBLY REPLACEMENT AND MOUNTING4 PICTURE
TUBE COMPONENTS ADJUSTMENT6 REPLACEMENT OF THE CRT
.....9 SERVICE MODE10 ELECTRICAL ADJUSTMENT
.....12 CONVERGENCE ADJUSTMENT14 SCREEN AND MIRROR
ALIGNMENTS

[Page 5: Chapter 1 General Adjustments](#)

CHAPTER 1 GENERAL ADJUSTMENTS SAFETY INSTRUCTIONS WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" INSTRUCTIONS BELOW. X-RAY RADIATION PRECAUTION 1. Excessive high voltage can produce potentially hazardous 2. This receiver is equipped with a Fail Safe (FS) circuit which X-RAY RADIATION.

[Page 6: Crt Assembly Replacement And Mounting](#)

CRT ASSEMBLY REPLACEMENT AND MOUNTING CAUTION : DO NOT LOOSEN THE HEX HEAD BOLTS WITH SPRINGS (12 PCS), BECAUSE THOSE ARE FOR SEALING OF CRT COOLANT. Attention Serviceman The Hex Head Bolts with Springs. (see sketch) used on CRT assembly, 8 o'clock are "NOT"...

[Page 7](#) TO REMOVE CRT (Same procedure for R, G, B) 1. Remove CRT DRIVE Board, S. V. M. COIL and DEF. YOKE from CRT. 2. Remove Lens Assembly. 3. Detach CRT Anode Cap from CRT. 4. Remove CRT Assembly from CRT Mounting. Anode Cap CRT REPLACEMENT (Same procedure for R, G, B) Reverse the removal procedures except the followings.

[Page 8: Picture Tube Components Adjustment](#)

WARNING : BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 3 OF THIS MANUAL. PICTURE TUBE COMPONENTS ADJUSTMENT DESCRIPTION OF NECK COMPONENTS Deflection yoke and convergence yoke The position on the neck is required most front (CRT funnel side) and the screw is fastened after rotating yoke adjusting picture tilt.

[Page 9](#) R, G, B FOCUS ADJUSTMENT TILT ADJUSTMENT 1. Before adjusting the R, G, B FOCUS, remove the 4 screws Rotate R, G, B deflection yoke so that picture becomes horizontal of Lens Assembly which is fixed on the CRT Assembly. Then, fasten screw.

[Page 10](#) LOCATION OF SCREEN AND FOCUS VR'S SCREEN VR FOCUS VR Speaker grille - 8 - ...

[Page 11: Replacement Of The Crt](#)

REPLACEMENT OF THE CRT Service parts are provided for each R, G and B. The contents of the parts are as follows. HITACHI 23008174 23008175 23008176 REPLACEMENT OF HIGH VOLTAGE CABLE 1. When replacing Anode Lead or Anode Cap with new one, remove Lead Holder from old lead as shown in figure ANODE LEAD below, and put it on new lead.

[Page 12: Service Mode](#)

SERVICE MODE 1. ENTERING TO SERVICE MODE 1) Press MUTE button twice 2) Press MUTE button 3) While pressing the MUTE button, on Remote Control. again to keep pressing. press MENU button on TV set. MUTE (Service mode display) 2. DISPLAYING THE ADJUSTMENT MENU 1) Press MENU button on TV.

[Page 13](#) 4. SELECTING THE ADJUSTING ITEMS 1) Every pressing of CHANNEL s button in the service mode changes the adjustment items in the order of table-2. (t button for reverse order) Refer to table-2 for preset data of adjustment mode. (See SETTING & ADJUSTING DATA on page 19) 5.

[Page 14: Electrical Adjustment](#)

ELECTRICAL ADJUSTMENT ITEM ADJUSTMENT PROCEDURE fH 1. Receive NTSC signal. (free-running frequency) 2. Short the terminal "TP +9V" and the terminal "TP (Free run)" on the signal board with a jumper frequency of Horizontal wire oscillator) 3. Connect the probe of frequency counter

to the lead of R426 and GND. 4.

[Page 15](#) ITEM ADJUSTMENT PROCEDURE HEIGHT 1. Receive NTSC signal. (HIT) 2. Select the "FULL" mode by PIC SIZE button on Remote Control. 3. Call up the adjustment mode display and select the item HIT. 4. Press the VOLUME s or t button to get the picture so that top and bottom of video signal begin to lack.

[Page 16: Convergence Adjustment](#)

CONVERGENCE ADJUSTMENT Adjust convergence from center to circumference in order. 1. Select the adjustment mode following the steps on page KEY FUNCTION IN THE CONVERGENCE ADJUSTMENT: RCUT Lord BACK UP DATA: 1 button Up : 2 button Selet Green color: 3 button Left : 4 button...

[Page 17](#) Adjusting Dimension of Each Picture Screen (16:9 screen size:) 50 inches (1) HD (1080i/NTSC) 50 inches 16:9 Screen Size:horizontal 1106mm :Vertical 622mm (QH173, 16KB, CHIP1, UFO-*,BANK1) Vspan37.7mm Hspan88.5 301.6 226.2 113.1 113.1 226.2 301.6 22.0 531.0 442.5 265.5 88.5 88.5 265.5 442.5 531.0...

[Page 18](#) NOTES In many cases, color misconvergence may be corrected by returning HIT and WID data in main deflection side to initial adjusting values. Following cases will surely require readjustment of convergence. CRT REPLACEMENT When CRT is replaced, main deflection readjustment and color matching are required. Perform following procedures.

[Page 19: Screen And Mirror Alignments](#)

SCREEN AND MIRROR ALIGNMENTS ASSEMBLING OF FRONT SCREEN MOUNTING OF FRONT SCREEN INSIDE 0 to 1 mm OUT SIDE K503 FRONT PANEL K501 K502 LENTICULAR FRESNAL <INSIDE> SMOOTH LENS FRESNEL LENTICULAR FRONT PANEL BLACK STRIPES <OUTSIDE> BLACK STRIPES SMOOTH BEZEL SPACER FRONT PANEL LENTICULAR...

[Page 20: Circuit Checks](#)

CIRCUIT CHECKS HIGH VOLTAGE CHECK FS CIRCUIT CHECK CAUTION: There is no HIGH VOLTAGE ADJUSTMENT on The Fail Safe (FS) circuit check is indispensable for the final this chassis. Checking should be done following check in servicing. Checking should be done following the the steps below.

[Page 21: Chapter 2 Specific Informations](#)

CHAPTER 2 SPECIFIC INFORMATIONS SETTING & ADJUSTING DATA SAFETY INSTRUCTIONS 50", 65" HIGH VOLTAGE AT ZERO BEAM: 31.0 kV MAX HIGH VOLTAGE: 32.5 kV Table-1 SERVICE MODE ADJUSTING ITEMS AND DATA IN THE SERVICE MODE: Item Name of adjustment Preset Data Item Name of adjustment...

[Page 22: Location Of Controls](#)

LOCATION OF CONTROLS (Representative: 50H82) TV front Remort sensor (Behibd the screen) Channel ts Volume T S Menu tsT S Automatic Light Sensor VOL T SVOL POWER MENU POWER EXIT TV/VIDEO Video 3 Power indicator Video/audio inputs (behind the door) TOUCH FOCUS TV rear ANT (75Ω)

[Page 23](#) Remote Control RECALL LIGHT RECALL POWER LIGHT POWER TV/CABLE/VCR switch MUTE TV/VIDEO TIMER CABLE Set to "TV" to control the TV. TIMER MUTE TV/VIDEO CHANNEL s/t Channel Number VOLUME s/t CH RTN CH RTN FAVORITE ADV/ PIC SIZE POP CH ENTER POP CH s MENU/...

[Page 24: Programming Channel Memory](#)

PROGRAMMING CHANNEL MEMORY The channel memory is the list of TV channel numbers the TV tunes in when you press the CHANNEL s or t button. First, use the TV/CABLE and CH PROGRAM functions to preset all active channels in your area automatically. If necessary, arrange the preset channels with the ADD/ERASE functions so that you can tune into only desired channels.

[Page 25: Mechanical Disassembly](#)

MECHANICAL DISASSEMBLY 1 Speaker Grille Removal 2 Control Panel Removal 3 Front Mask Removal A101 (A001) A201 (A268) 2 screws K501 A202 K502 A214 K503 8 screws A213 A224

A102 4 Shield Plate, Lens Removal 5 Mirror Removal 6 Back Board Removal 7 Light Box
Removal 5 screws 4 screws...

[Page 26](#) THIS PAGE IS INTENTIONALLY LEFT BLANK. - 25 - - 26 -...

[Page 27: Chassis Replacement Parts List](#)

CHASSIS REPLACEMENT PARTS LIST WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRE- CAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 3 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 28](#) Location Location Parts No. Description Parts No. Description C422 24591102
PLASTIC FILM, 50V 1000PF J C537 24109103 CERAMIC CHIP, 50V B 0.01UF K C423 24211222
CERAMIC DISC, 2KV B 2200PFK C547 24109103 CERAMIC CHIP, 50V B 0.01UF K C424 24828473
PLASTIC FILM, 200V 47000PF J C551 24100104...

[Page 29](#) Location Location Parts No. Description Parts No. Description C786 24214472
CERAMIC DISC, 500C B 4700PF K C909 24794221 ELECTROLYTIC, 16V 220UF M C787 24790470
ELECTROLYTIC, 160V 47UF M C911 24211102 CERAMIC DISC, 2KV B 1000PF K C788 24666470
ELECTROLYTIC, 16V 47UF M 3A C912 24794101 ELECTROLYTIC, 16V 100UF M...

[Page 30](#) Location Location Parts No. Description Parts No. Description C7783 24105471
CERAMIC CHIP, 50V CH 470PF J CB14 24105331 CERAMIC CHIP, 50V CH 330PF J C7791
24667471 ELECTROLYTIC, 25V 470UF M 3A CB15 24794100 ELECTROLYTIC, 16V 10UF M C7792
24109472 CERAMIC CHIP, 50V B 4700PF K CB62 24105331 CERAMIC CHIP, 50V CH 330PF J...

[Page 31](#) Location Location Parts No. Description Parts No. Description CH040 24100104
CERAMIC CHIP, 25V F 0.1UF Z CH523 24100103 CERAMIC CHIP, 50V F 0.01UF Z CH041
24108101 CERAMIC CHIP, 50V SL 100PF J CH524 24105821 CERAMIC CHIP, 25V CH 820PF J
CH042 24108101 CERAMIC CHIP, 50V SL 100PF J CH526 24105050...

[Page 32](#) Location Location Parts No. Description Parts No. Description CS43 24203100
ELECTROLYTIC, 16V 10UF M 7L 3A R171 24011103 CHIP, METAL FILM, 1/20W 10K OHM J CS45
24203100 ELECTROLYTIC, 16V 10UF M 7L 3A R172 24011273 CHIP, METAL FILM, 1/20W 27K
OHM J CS51 24206229 ELECTROLYTIC, 50V 2.2UF M 7L 3A...

[Page 33](#) Location Location Parts No. Description Parts No. Description R356 24366102
CARBON FILM, 1/6W 1K OHM J R441 24366474 CARBON FILM, 1/6W 470K OHM J R357 24366100
CARBON FILM, 1/6W 10 OHM J R442 24366103 CARBON FILM, 1/6W 10K OHM J R358 24366103
CARBON FILM, 1/6W 10K OHM J...

[Page 34](#) Location Location Parts No. Description Parts No. Description R604 24011152 CHIP,
METAL FILM, 1/20W 1.5K OHM J R766 24366470 CARBON FILM, 1/6W 47 OHM J R609 24366229
CARBON FILM, 1/6W 2.2 OHM J R767 24552221 OXIDE METAL FILM, 1/2W 220 OHM J R610
24366229 CARBON FILM, 1/6W 2.2 OHM J...

[Page 35](#) Location Location Parts No. Description Parts No. Description R909 24366330
CARBON FILM, 1/6W 33 OHM J R995 24366330 CARBON FILM, 1/6W 33 OHM J R910 24322568
OXIDE METAL FILM, 1W 0.56 OHM J R4005 24366102 CARBON FILM, 1/6W 1K OHM J R911
24366101 CARBON FILM, 1/6W 100 OHM J...

[Page 36](#) Location Location Parts No. Description Parts No. Description R7715 24383221
OXIDE METAL FILM, 2W 220 OHM J R7895 24011103 CHIP, METAL FILM, 1/20W 10K OHM J R7716
24547189 FUSIBLE, 1W 1.8 OHM J R7896 24011221 CHIP, METAL FILM, 1/20W 220 OHM J R7717
24011472 CHIP, METAL FILM, 1/20W 4.7K OHM J...

[Page 37](#) Location Location Parts No. Description Parts No. Description RA22 24011682 CHIP,
METAL FILM, 1/20W 6.8K OHM J RB19 24366470 CARBON FILM, 1/6W 47 OHM J RA23 24011102
CHIP, METAL FILM, 1/20W 1K OHM J RB41 24366151 CARBON FILM, 1/6W 150 OHM J RA26
24011333 CHIP, METAL FILM, 1/20W 33K OHM J...

[Page 38](#) Location Location Parts No. Description Parts No. Description RH005 24011221 CHIP,

METAL FILM, 1/20W 220 OHM J RH342 24011101 CHIP, METAL FILM, 1/20W 100 OHM J RH006 24011221 CHIP, METAL FILM, 1/20W 220 OHM J RH343 24011102 CHIP, METAL FILM, 1/20W 1K OHM J RH007 24011221 CHIP, METAL FILM, 1/20W 220 OHM J RH344 24011102...

[Page 39](#) Location Location Parts No. Description Parts No. Description RH623 24998103 CHIP, 1/16W 10K OHM RS51 24366103 CARBON FILM, 1/6W 10K OHM J RH624 24998103 CHIP, 1/16W 10K OHM RS52 24366103 CARBON FILM, 1/6W 10K OHM J RH625 24998103 CHIP, 1/16W 10K OHM RS53 24366103 CARBON FILM, 1/6W 10K OHM J...

[Page 40](#) Location Location Parts No. Description Parts No. Description RV140 24366103 CARBON FILM, 1/6W 10K OHM J L702 23261974 COIL, FERRITE BEAD, HC5-035 RV141 24366302 CARBON FILM, 1/6W 3K OHM J L704 23103859 COIL, CHOKE, TEM2011 RV142 24366103 CARBON FILM, 1/6W 10K OHM J L705 23103859 COIL, CHOKE, TEM2011...

[Page 41](#) Location Location Parts No. Description Parts No. Description LH061 23103864 COIL, FILTER, TEM2103T LH062 23103864 COIL, FILTER, TEM2103T LH063 23103864 COIL, FILTER, TEM2103T Q328 23114462 TRANSISTOR, RN1202 LH064 23103864 COIL, FILTER, TEM2103T Q329 23114461 TRANSISTOR, RN1203 LH065 23103864 COIL, FILTER, TEM2103T Q400 23205079 TRANSISTOR, 2SC4686A...

[Page 42](#) Location Location Parts No. Description Parts No. Description Q767 23904442 IC, TC74HC4066AF QA02 23906642 IC, AT24C64-10PC Q769 23114528 TRANSISTOR, 2SC1740S QA70 23319935 IC, MM1096BS Q771 23319267 IC, AN79M12F QA71 23205057 TRANSISTOR, KTC3875Y Q771 23319267 IC, AN79M12F QA72 23205057 TRANSISTOR, KTC3875Y Q771B 23712306 SCREW, PP3X.5X6SZN QA80...

[Page 43](#) Location Location Parts No. Description Parts No. Description QV21 23114528 TRANSISTOR, 2SC1740S D532 23118822 DIODE, ERB12-02 QV22 23205123 TRANSISTOR, 2SA933ASQ D533 23316586 DIODE, ZENER, MA8082-H QV23 23205123 TRANSISTOR, 2SA933ASQ D534 23316792 DIODE, SC215 QV28 23114461 TRANSISTOR, RN1203 D535 23316591 DIODE, ZENER, MA8100-M QV30 23905590 IC, M52055FP...

[Page 44](#) Location Location Parts No. Description Parts No. Description D922 23118859 DIODE, 1SS133 DH301 23316672 DIODE, ZENER, MTZJ5.6B D924 23118859 DIODE, 1SS133 DH301 23316672 DIODE, ZENER, MTZJ5.6B D925 23118859 DIODE, 1SS133 DH302 23316672 DIODE, ZENER, MTZJ5.6B D931 23118859 DIODE, 1SS133 DH303 23316672 DIODE, ZENER, MTZJ5.6B D932 23118859...

[Page 45](#) Location Location Parts No. Description Parts No. Description E973 23198540 CRT EARTH ASSY, TP48E60 GJ80 24000445 CHIP JUMPER, 1608TYPE F470 23144624 FUSE, AXIAL 125V 2.0A GJ81 24000824 CHIP JUMPER, 2125TYPE F801 23144481 FUSE, 125V 7.0A GJ82 24000824 CHIP JUMPER, 2125TYPE F801A 23165433 FUSE HOLDER, 5.2 SOC...

[Page 46](#) Location Location Parts No. Description Parts No. Description ZH04 23103778 FILTER, FERRITE CORE, TFE1008 A202 23450360 PANEL, CONTROL PANEL ASSY 50H81 50H81 ZH05 23103840 FERRITE CORE, TFE1013 A213 23427953 DOOR, DOOR PROPER 50H81 ZH121 23103823 COIL, FILTER, TEM2027D A214 23451976 PUSH CATCH, CLICK ZH122 23103823 COIL, FILTER, TEM2027D...

[Page 47](#) SIGNAL BOARD PD0639A BOTTOM (FOIL) SIDE - 47 -- 48 -...

[Page 48](#) DEF/POWER BOARD PD0640A BOTTOM (FOIL) SIDE - 49 -- 50 -...

[Page 49: Pc Boards Bottom View](#)

A/V BOARD PD0075C BOTTOM (FOIL) SIDE - 51 -...

[Page 50](#) SRS-3D BOARD PD0644A BOTTOM (FOIL) SIDE - 52 -...

[Page 51](#) DPC BOARD PD0077C BOTTOM (FOIL) SIDE Q423 Q323 C335 fh ADJ C338 R364 R4034 R4007 R4006 R363 C334 Q321 R362 R334 Q322 C322 C324 R327 C327 R326 R336 R325 C492 R322 C325 C344 R338 C342 R342 C439 C484 R343 Q324 R354 C481 R4023...

[Page 52](#) DIGI-CONV BOARD PD0638C BOTTOM (FOIL) SIDE - 54 -...

[Page 53](#) CONV-SEN BOARD PD0079 BOTTOM (FOIL) SIDE P900 B1-V-O CRT DRIVE(RED) BOARD PD0080G BOTTOM (FOIL) SIDE R996 R909 Q902 R905 L961 R901 C964 D967 R967 R962 C967 R995 Q961 Q962 R987 R975 R966 P915A C901 R908 C902 C903 L962 R968 GJ92 R964 R937 R936...

[Page 54](#) CRT DRIVE(GRN) BOARD PD0080G BOTTOM (FOIL) SIDE P916A R9507 Q920 R9508 R916 R9503 Q913 R918 R9502 Q918 C911 P915B D916 P917 Q919 D945 R900 R9711 R945 R9712 R9504 Q917 Q914 GREEN C917 R943 SCREEN R979 D941 R9709 R9706 Q916 R9505 P922 R944 R9506...

[Page 55](#) SVM-R BOARD PD0080G BOTTOM (FOIL) SIDE SVM-R B1-V-O R762 P703 Q769 C764 C770 R764 C765 R779 L769 Q779 R773 R772 L764 R776 C672 C766 R766 Q761 R768 R771 Q771 Q760 R777 R770 D762 R769 SVM-G BOARD PD0080G BOTTOM (FOIL) SIDE B1-V-O SVM-G C712...

[Page 56](#) FRONT BOARD PD0081 BOTTOM (FOIL) SIDE SA01 CH UP EXIT VOL UP SA05 SA08 SA07 SA09 SA03 SA04 SA06 DEMO ANT/VIDEO VOL DN MENU DB01 PB13B SA02 RA76 CH DN B1-V-O T-D FRONT BOARD PD0081 BOTTOM (FOIL) SIDE DB03 PB22 FRONT BOARD PD0081 FRONT BOARD PD0081 BOTTOM (FOIL) SIDE...

[Page 57: Terminal View Of Transistors](#)

TERMINAL VIEW OF TRANSISTORS 2SC5144 2SC3852 2SC752GTM 2SC752 2SA1788 2SC5859 2SD1763A 2SA562TM 2SC2482 2SC1569 2SA1015 2SC2655 2SC4544 2SC4721P 2SC1815 2SA1788 2SC2878 2SA1306 2SC1740S 2SA1186A 2SC2120 2SA9335 2SD1554 ON4409 RN2203 RN2201 2SD2253 RN2004 2SD1556 RN1203 2SD2553 RN1204 2SC5143 RN2204 RN1205 RN1202 RN1201 -...

[Page 58](#) SCHEMATIC DIAGRAM MODEL : 50H82 / 65H82 (N2PSP-WIDE Series) WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON THE MANUAL FOR THIS MODEL. 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](#) CIRCUIT BLOCK DIAGRAM - 61 - - 62 -...

[Page 60: Specifications](#)

SPECIFICATIONS (Representative: 50H82) TELEVISION SYSTEM NTSC standard CHANNEL COVERAGE VHF: 2 through 13 UHF: 14 through 69 Cable TV: Mid band (A-8 through A-1, A through I) Super band (J through W) Hyper band (AA through ZZ, AAA, BBB) Ultra band (65 through 94, 100 through 125) POWER SOURCE 120 V AC, 60 Hz POWER CONSUMPTION...

[Page 61](#) TOSHIBA CORPORATION 1-1, SHIBAURA 1- CHOME, MINATO-KU, TOKYO 105-8001, JAPAN...

[Page 62](#) SCHEMATIC DIAGRAM MODEL : 50H82 / 65H82 (N2PSP-WIDE Series) WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON THE MANUAL FOR THIS MODEL. 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 63: Circuit Block Diagram](#)

CIRCUIT BLOCK DIAGRAM - 61 - - 62 -...

This manual is also suitable for:

[57h8250h8265h82](#)