

TOSHIBA

FILE NO. 023-200033

SERVICE MANUAL

COLOR TELEVISION

NONS Chassis

32AFX60, 32AF60

(TAC0034)

(TAC0035)

– SUMMARY –

32AFX60, 32AF60 are the same as 36AFX60 except for the parts tabled on back of this sheet.
Use this service manual together with the original service manual of 36AFX60, 36AF60
(File No. 020-200031).

REPLACEMENT PARTS LIST DIFFERENCES

Location No.	Part No.	Description
A201	23540029	Front Cover (32AFX60)
A201	23540144	Front Cover (32AF60)
A212	23450295	Control Panel (32AF60)
A213	23427865	Door (32AF60)
A222	23104057	Filter (32AF60)
A224	23445437	Button (32AF60)
A411	23540031	Back Cover
A701	23064254	Carton (32AFX60)
A701	23064255	Carton (32AF60)
A703	23946056	Packing, Top
A708	23946057	Packing, Bottom
C647	24591563	PF, 0.056 μ F (32AF60)
C681	24668102	EL, 1000 μ F, \pm 20%, 35V (32AF60)
C682	24668102	EL, 1000 μ F, \pm 20%, 35V (32AF60)
CS122	24797101	EL, 100 μ F, \pm 20%, 50V (32AF60)
CS123	24797470	EL, 47 μ F, \pm 20%, 50V (32AF60)
CS124	24797220	EL, 22 μ F, \pm 20%, 50V (32AF60)
CS125	24590103	PF, 0.01 μ F (32AF60)
CZ03	24092743	Chip, 0.47 μ F, +80%, -20%, 10V (32AF60)
CZ05	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ07	24092730	Chip, 0.1 μ F, \pm 10%, 16V (32AF60)
CZ09	24105220	Chip, 22pF (32AF60)
CZ10	24105100	Chip, 10pF, \pm 0.5pF (32AF60)
CZ11	24105220	Chip, 22pF (32AF60)
CZ12	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ13	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ14	24203100	EL, 10 μ F, \pm 20%, 16V (32AF60)
CZ17	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ19	24105181	Chip, 180pF (32AF60)
CZ20	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ21	24109122	Chip, 1200pF, \pm 10% (32AF60)
CZ22	24203100	EL, 10 μ F, \pm 20%, 16V (32AF60)
CZ23	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ24	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ25	24203100	EL, 10 μ F, \pm 20%, 16V (32AF60)
CZ26	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ28	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ29	24109103	Chip, 0.01 μ F, \pm 10%, 25V (32AF60)
CZ30	24203100	EL, 10 μ F, \pm 20%, 16V (32AF60)
CZ31	24092730	Chip, 0.1 μ F, \pm 10%, 16V (32AF60)
CZ32	24105150	Chip, 15pF (32AF60)
CZ33	24105390	Chip, 39pF (32AF60)
CZ34	24105150	Chip, 15pF (32AF60)
CZ35	24105390	Chip, 39pF (32AF60)
CZ37	24203100	EL, 10 μ F, \pm 20%, 16V (32AF60)

Location No.	Part No.	Description
CZ38	24203100	EL, 10 μ F, \pm 20%, 16V (32AF60)
CZ41	24105470	Chip, 47pF (32AF60)
CZ42	24105470	Chip, 47pF (32AF60)
CZ45	24105100	Chip, 10pF, \pm 0.5pF (32AF60)
DS120	23316740	Diode, Zener, MTZJ22D (32AF60)
K912	23306269	Remote Hand Unit, CT-9954 (32AF60)
L888	23280016	Coil, Peaking, TRF4100AZ (32AF60)
L889	23280016	Coil, Peaking, TRF4100AZ (32AF60)
L901	23200421	Coil, Degaussing, TSB-2401AK
LJ901	23200420	Coil, Degaussing, TSB-2402AK
LZ01	23238710	Coil, Peaking, TRF4220AJ (32AF60)
LZ02	23238714	Coil, Peaking, TRF4100AJ (32AF60)
LZ03	23238714	Coil, Peaking, TRF4100AJ (32AF60)
LZ04	23238714	Coil, Peaking, TRF4100AJ (32AF60)
LZ05	23238714	Coil, Peaking, TRF4100AJ (32AF60)
LZ08	23238707	Coil, Peaking, TRF4390AJ (32AF60)
LZ11	23238710	Coil, Peaking, TRF4220AJ (32AF60)
LZ12	23238710	Coil, Peaking, TRF4220AJ (32AF60)
P504	23902745	Socket, B-B, 10P (32AF60)
PZ01	23368130	Plug, 10P (32AF60)
Q610	23906880	IC, TA8246AH (32AF60)
QS120	23906596	IC, BA4558 (32AF60)
QZ01	23906904	IC, TC90A49P (32AF60)
QZ02	23314163	Transistor, 2SA1162-Y (32AF60)
QZ03	23314163	Transistor, 2SA1162-Y (32AF60)
QZ04	23314163	Transistor, 2SA1162-Y (32AF60)
QZ05	23314475	Transistor, 2SC2712-Y (32AF60)
QZ06	23314163	Transistor, 2SA1162-Y (32AF60)
QZ07	23314163	Transistor, 2SA1162-Y (32AF60)
QZ08	23314475	Transistor, 2SC2712-Y (32AF60)
R671	24366822	CF, 8200 ohm (32AF60)
R673	24366822	CF, 8200 ohm (32AF60)
R674	24366392	CF, 3900 ohm (32AF60)
R678	24366392	CF, 3900 ohm (32AF60)
RS120	24366271	CF, 270 ohm (32AF60)
RS121	24366103	CF, 10k ohm (32AF60)
RS122	24366103	CF, 10k ohm (32AF60)
RS123	24366473	CF, 47k ohm (32AF60)
RS124	24366103	CF, 10k ohm (32AF60)
RS125	24366103	CF, 10k ohm (32AF60)
RZ01	24872102	Chip, 1k ohm, 1/16W (32AF60)

Location No.	Part No.	Description
RZ02	24872102	Chip, 1k ohm, 1/16W (32AF60)
RZ03	24872332	Chip, 3300 ohm, 1/16W (32AF60)
RZ04	24872122	Chip, 1200 ohm, 1/16W (32AF60)
RZ05	24872471	Chip, 470 ohm, 1/16W (32AF60)
RZ06	24872821	Chip, 820 ohm, 1/16W (32AF60)
RZ08	24872122	Chip, 1200 ohm, 1/16W (32AF60)
RZ09	24872101	Chip, 100 ohm, 1/16W (32AF60)
RZ10	24872471	Chip, 470 ohm, 1/16W (32AF60)
RZ12	24872332	Chip, 3300 ohm, 1/16W (32AF60)
RZ13	24872122	Chip, 1200 ohm, 1/16W (32AF60)
RZ14	24872821	Chip, 820 ohm, 1/16W (32AF60)
RZ15	24872821	Chip, 820 ohm, 1/16W (32AF60)
RZ17	24872471	Chip, 470 ohm, 1/16W (32AF60)
RZ18	24872122	Chip, 1200 ohm, 1/16W (32AF60)
RZ19	24872332	Chip, 3300 ohm, 1/16W (32AF60)
RZ20	24872101	Chip, 100 ohm, 1/16W (36AF60)
RZ22	24872471	Chip, 470 ohm, 1/16W (32AF60)
RZ29	24872331	Chip, 330 ohm, 1/16W (32AF60)
RZ30	24872331	Chip, 330 ohm, 1/16W (32AF60)
* U801		DEF/Power Board, PB9631C (32AFX60)
* U801		DEF/Power Board, PB9631D (32AF60)
* U901		CRT Drive VM Board, PB9634C
* U902		Signal Board, PB9635C (32AFX60)
* U902		Signal Board, PB9635D (32AF60)
* UA01		CONTROL-1 Board, PB9699
* UA02		CONTROL-2 Board, PB9700
* UV01		BACK AV Board, PB9633B (32AF60)
* UZ01		DIG COM Board, PB9398 (32AF60)
V901	23312904	Picture Tube, A80EJX011X11
Y101	23565082	Owner's Manual, English, 32AF60
Y101F	23565083	Owner's Manual, French, 32AF60

Location No.	Part No.	Description

TOSHIBA CORPORATION

1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN