

TOSHIBA

FILE NO. 023-200214

SERVICE MANUAL

COLOR TELEVISION

N2PS Chassis

36HF12

(TAC0131)

– SUMMARY –

36HF12 is the same as 36HFX71 except for the parts tabled on back of this sheet.
Use this service manual together with the service manual of 36HFX71, 32HFX71 (File No. 020-200116).

REPLACEMENT PARTS LIST DIFFERENCES

Location No.	Part No.	Description
A211	23530412	Front Cover
A213	23428108	Door
A224	23445647	Button
A701	23064769	Carton
C673	24669100	EL, 10 μ F, \pm 20%, 50V
C678	24669100	EL, 10 μ F, \pm 20%, 50V
CA33	24100103	Chip, 0.01 μ F, +80%, -20%
CA95	24100103	Chip, 0.01 μ F, +80%, -20%
CA611	24100103	Chip, 0.01 μ F, +80%, -20%
CB90	24100103	Chip, 0.01 μ F, +80%, -20%
CD01	24797479	EL, 4.7 μ F, \pm 20%, 50V
CD15	24539104	PF, 0.1 μ F
CD17	24797479	EL, 4.7 μ F, \pm 20%, 50V
CD42	24797479	EL, 4.7 μ F, \pm 20%, 50V
CD44	24797479	EL, 4.7 μ F, \pm 20%, 50V
CD45	24503041	PF, 0.1 μ F, 63V
CD46	24567103	PF, 0.01 μ F
CD47	24797478	EL, 0.47 μ F, \pm 20%, 50V
CD48	24590472	PF, 4700pF
CD49	24797478	EL, 0.47 μ F, \pm 20%, 50V
CD60	24503041	PF, 0.1 μ F, 63V
CD61	24763221	EL, 220 μ F, \pm 20%, 16V
CD62	24232103	CD, 0.01 μ F, +80%, -20%
CD63	24762102	EL, 1000 μ F, \pm 20%, 10V
CD64	24797479	EL, 4.7 μ F, \pm 20%, 50V
CD65	24797100	EL, 10 μ F, \pm 20%, 50V
CD66	24797100	EL, 10 μ F, \pm 20%, 50V
CD70	24797100	EL, 10 μ F, \pm 20%, 50V
CD103	24797100	EL, 10 μ F, \pm 20%, 50V
CD107	24567823	PF, 0.082 μ F
CD123	24797100	EL, 10 μ F, \pm 20%, 50V
CD128	24797100	EL, 10 μ F, \pm 20%, 50V
CD129	24797100	EL, 10 μ F, \pm 20%, 50V
CD131	24797100	EL, 10 μ F, \pm 20%, 50V
K912	23306414	Remote Hand Unit, CT-90087
Q610	23906880	IC, TA8246AH
QD41	23000189	IC, TA2136N
R663	24011472	Chip, 4700 ohm, 1/20W

Location No.	Part No.	Description
R664	24011472	Chip, 4700 ohm, 1/20W
R690	24011472	Chip, 4700 ohm, 1/20W
R691	24011472	Chip, 4700 ohm, 1/20W
RD41	24366102	CF, 1k ohm
RD42	24366432	CF, 4300 ohm
RD43	24366114	CF, 110k ohm
RD44	24366132	CF, 1300 ohm
RD45	24366473	CF, 47k ohm
RD46	24366513	CF, 51k ohm
RD47	24366392	CF, 3900 ohm
RD61	24366103	CF, 10k ohm
RD63	24366101	CF, 100 ohm
RD64	24366101	CF, 100 ohm
RD65	24366122	CF, 1200 ohm
RD66	24366821	CF, 820 ohm
RD67	24366152	CF, 1500 ohm
RD68	24366681	CF, 680 ohm
RD71	24366223	CF, 22k ohm
RD72	24366223	CF, 22k ohm
RD106	24366101	CF, 100 ohm
RD108	24366101	CF, 100 ohm
RD110	24366223	CF, 22k ohm
RD111	24366223	CF, 22k ohm
RD117	24366101	CF, 100 ohm
RD120	24366101	CF, 100 ohm
RS101	24011472	Chip, 4700 ohm, 1/20W
RS102	24011472	Chip, 4700 ohm, 1/20W
RS109	24011392	Chip, 3900 ohm, 1/20W
RS113	24011392	Chip, 3900 ohm, 1/20W
RS124	24011332	Chip, 3300 ohm, 1/20W
RS125	24011562	Chip, 5600 ohm, 1/20W
* U902	23786787	SIGNAL Board, PD0162B
* UD01	23786219	SRS-3D Board, PD0076A
W661	23351038	Speaker, SPK-1311, 60x120mm, 8 ohm
W662	23351038	Speaker, SPK-1311, 60x120mm, 8 ohm

TOSHIBA CORPORATION

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