

SERVICE MANUAL

COLOR TELEVISION

- The Correction Service Manual is issued because of some errors in Service Manual of Model Name TV-C1300 (U), (S/M Code No. 09-99B-418-7R2).

aiwa
S/M Code No. 09-004-418-7C1

CORRECTION
DATA

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC							
	8Z-JBH-621-010		IC,M37272M8-142SP	C210	87-018-115-080		CAP, CER 47P-50V
	87-A91-538-010		RCR UNIT,SBX1981-72P	C211	87-018-115-080		CAP, CER 47P-50V
	87-A21-433-010		IC,KS24C041T	C213	87-A10-326-080		CAP,M 3300P-50 K
	87-A20-611-080		IC,M51943BSL-700A	C214	87-016-632-080		CAP,E 0.47-50 SSL
	8Z-JBJ-605-010		IC,TA1268N	C301	87-016-624-080		CAP,E 10-16 SSL
	87-A20-364-010		IC,KIA7809PI	C302	87-016-624-080		CAP,E 10-16 SSL
	87-002-421-010		IC,NJM2233BL	C303	87-016-624-080	△	CAP,E 10-16 SSL
	87-A21-090-010		IC,LA4600	C304	87-016-637-080		CAP,E 10-50 SSL
	87-027-666-010		IC,TC4052BP	C305	87-018-134-080		CAPACITOR,TC-U 0.01-16
	87-070-237-010		IC,LA7832	C306	87-A10-112-080		CAP,E 100-10 SSL
△	87-A21-290-010		IC,STR30110	C307	87-A10-299-080		CAP,M 0.022-50 J
TRANSISTOR							
	87-026-269-080		TR,DTA114ES	C308	87-016-632-080		CAP,E 0.47-50 SSL
	89-327-854-080		TR,2SC2785F	C309	87-018-147-080		CAP,TC-U 10P-50 CH
	89-111-755-080		TR,2SA1175F	C310	87-018-119-080		CAP, CER 100P-50V
	89-110-154-080		TR,2SA1015Y	C311	87-018-209-080		CAP, CER 0.1-50V
	87-026-245-080		TR,DTC114ES	C312	87-018-209-080		CAP, CER 0.1-50V
	89-418-771-060		TR,2SD1877	C313	87-018-209-080		CAP, CER 0.1-50V
	87-A30-176-010		TR,2SC1573A P/Q/R	C314	87-018-134-080		CAPACITOR,TC-U 0.01-16
	89-320-012-080		TR,2SC2001L	C315	87-018-131-080		CAP, CER 1000P-50V
				C316	87-A10-378-080		CAP,E 2.2-50 K SH
DIODE							
	87-017-931-080		ZENER,MTZJ5.6B	C317	87-016-634-080		CAP,E 2.2-50 SSL
	87-002-743-080		ZENER,MTZJ 33B	C318	87-018-134-080		CAPACITOR,TC-U 0.01-16
	87-070-136-080		ZENER,MTZJ5.1B	C319	87-016-575-080		CAP,E 220-16 SSL
	87-A40-523-080		ZENER,MTZJ9.1B	C320	87-018-196-080		CAP, CER 1500P-16V
	87-A40-348-080		ZENER,MTZJ3.3A	C321	87-016-636-080		CAP,E 4.7-50 SSL
	87-A40-611-080		ZENER,MTZJ3.9B	C323	87-016-625-080		CAP,E 22-16 SSL
	87-020-465-080		DIODE,1SS133 (110MA)	C324	87-016-632-080		CAP,E 0.47-50 SSL
△	87-A40-520-080		ZENER,MTZJ11B	C325	87-016-632-080		CAP,E 0.47-50 SSL
△	87-A40-286-080		DIODE,RGP10JE-5025	C328	87-016-624-080		CAP,E 10-16 SSL
	87-070-274-080		DIODE,1N4003 SEM	C330	87-016-633-080		CAP,E 1-50 SSL
	87-A40-444-080		ZENER,MTZJ20B	C332	87-018-134-080		CAPACITOR,TC-U 0.01-16
	87-A40-328-010		DIODE,GBU4JL	C334	87-018-134-080		CAPACITOR,TC-U 0.01-16
				C335	87-016-574-080		CAP,E 100-16 SSL
				C336	87-018-209-080		CAP, CER 0.1-50V
				C338	87-016-632-080		CAP,E 0.47-50 SSL
				C342	87-016-633-080		CAP,E 1-50 SSL
				C343	87-018-131-080		CAP, CER 1000P-50V
				C344	87-018-109-080		CAP, CER 22P-50V
				C402	87-016-577-080		CAP,E 470-16 SSL
				C403	87-016-577-080		CAP,E 470-16 SSL
MAIN C.B							
BT301	87-JBC-625-010		CONN ASSY,5P V WHT TV-NK	C404	87-016-574-080		CAP,E 100-16 SSL
BT401	8Z-JBJ-606-010		CONN ASSY,2P V W SPMONO	C405	87-016-636-080		CAP,E 4.7-50 SSL
BT601	87-JBG-626-010		CONN ASSY,4P V WHT TV-NK	C406	87-016-630-080		CAP,E 0.22-50 SSL
C1	87-016-624-080		CAP,E 10-16 SSL	C410	87-016-624-080		CAP,E 10-16 SSL
C2	87-018-134-080		CAPACITOR,TC-U 0.01-16	C411	87-016-624-080		CAP,E 10-16 SSL
C3	87-018-134-080		CAPACITOR,TC-U 0.01-16	C413	87-016-624-080		CAP,E 10-16 SSL
C4	87-018-196-080		CAP, CER 1500P-16V	C501	88-708-980-810		CAP,M 0.056-100 J AMZV
C5	87-016-633-080		CAP,E 1-50 SSL	C502	87-A10-831-080		CAP,E 1000-25 M SMG
C7	87-016-621-080		CAP,E 220-10 SSL	C503	87-016-633-080		CAP,E 1-50 SSL
C15	87-018-123-080		CAP, CER 220P-50V	C504	87-016-633-080		CAP,E 1-50 SSL
C16	87-016-633-080		CAP,E 1-50 SSL	C508	87-A10-469-080		CAP,CER 2200P-500 K B DD10
C17	87-018-131-080		CAP, CER 1000P-50V	C510	87-018-131-080		CAP, CER 1000P-50V
C18	87-018-128-080		CAP, CERA-SOL SS 560P	C511	87-016-591-080		CAP,E 100-35 SSL
C19	87-016-629-080		CAP,E 0.1-50 SSL	C512	87-018-127-080		CAP, CER 470P-50V
C23	87-018-123-080		CAP, CER 220P-50V	C601	87-016-599-080		CAP,E 10-250 SSL
C24	87-018-131-080		CAP, CER 1000P-50V	C603	87-010-974-080		CAP,CER 220P-500 B
C101	87-016-636-080		CAP,E 4.7-50 SSL	C604	87-010-396-080		CAP,E 470-35 SME
C104	87-016-621-080		CAP,E 220-10 SSL	C605	87-016-587-080		CAP,E 1000-25 SSL
C106	87-A10-576-080		CAP,CER 0.01-50 Z YF	C606	8Z-JBH-625-010		CAP,M/P 0.39-250 J A TYPE
C201	87-018-134-080		CAPACITOR,TC-U 0.01-16	C607	87-A11-320-090		CAP,E 47-160 M 105 YXA
C202	87-018-134-080		CAPACITOR,TC-U 0.01-16	△	C608	87-012-397-010	CAP,CER 1000P-2K BN
C203	87-016-632-080		CAP,E 0.47-50 SSL	△	C609	87-A11-169-010	CAP,M/P 5600P-1.6K J DKR
C204	87-018-134-080		CAPACITOR,TC-U 0.01-16	△	C610	87-010-974-080	CAP,CER 220P-500 B
C205	87-016-577-080		CAP,E 470-16 SSL	△	C611	87-010-974-080	CAP,CER 220P-500 B
C206	87-A10-287-080		CAP,M 2200P-50 J	△	C612	87-016-624-080	CAP,E 10-16 SSL
C207	87-016-632-080		CAP,E 0.47-50 SSL	△	C613	87-016-634-080	CAP,E 2.2-50 SSL
C208	87-018-134-080		CAPACITOR,TC-U 0.01-16	△	C614	87-010-974-080	CAP,CER 220P-500 B
C209	87-016-627-080		CAP,E 47-16 SSL	△	C615	87-016-215-080	CAP,E 1-160 M TWSS
				△	C801	87-A10-374-010	CAP,M/P 0.1-275 K RMR
				△	C804	87-A10-374-010	CAP,M/P 0.1-275 K RMR

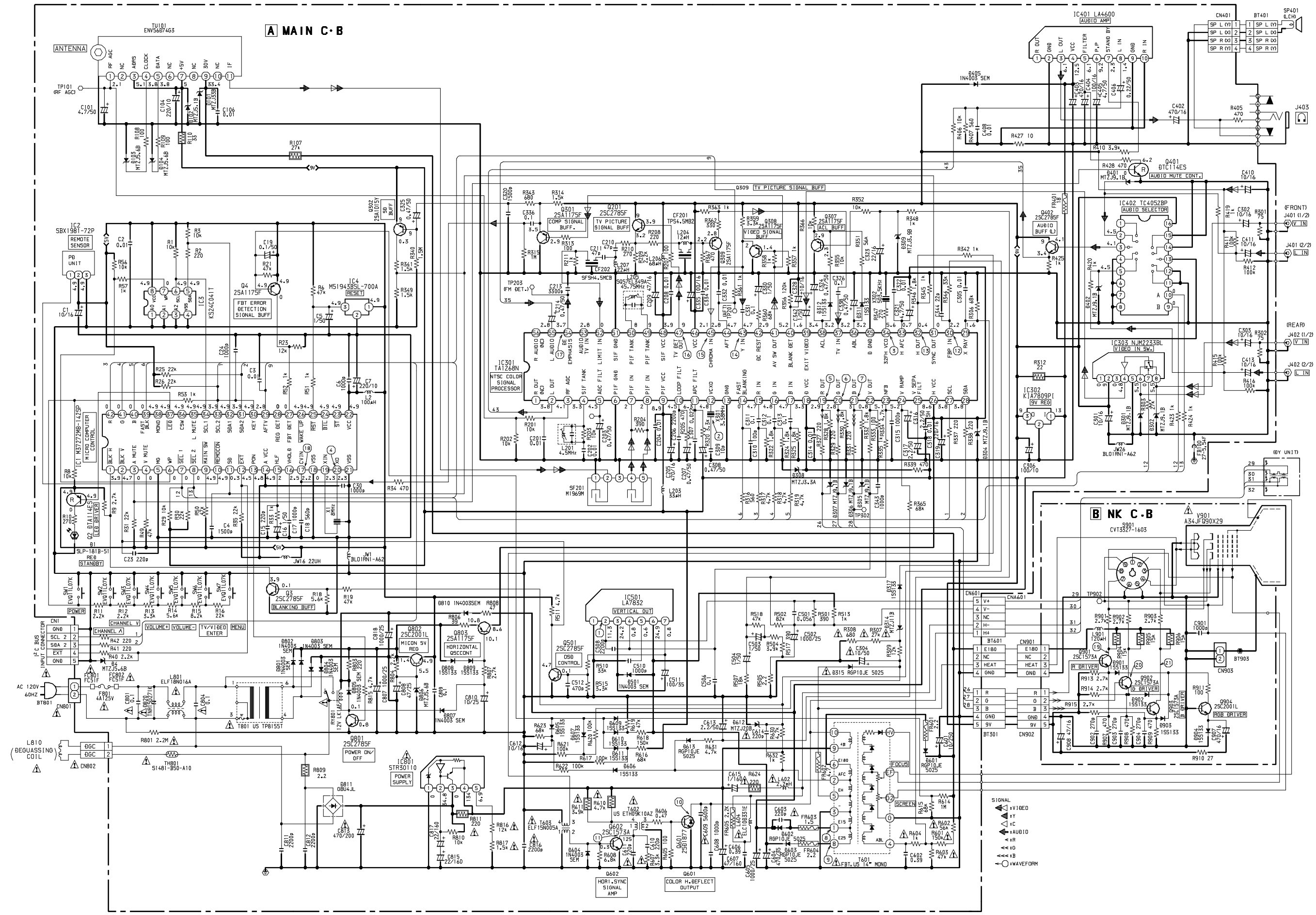
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C807	87-016-587-080		CAP,E 1000-25 SSL	△ R602	88-121-563-080		RES,56K-1/8W J
C808	87-016-582-080		CAP,E 47-25 SSL	△ R603	88-121-473-080		RES,47K-1/8W J
C809	87-018-209-080		CAP, CER 0.1-50V	△ R604	88-130-102-080		RES,1K-1/4W J
C810	87-016-628-080		CAP,E 10-25 SSL	R606	8Z-JBH-628-080		RES,M/F 0.47-1/2W K ERX 12SJ
C811	87-A10-867-090		CAP,CER 2200P-2K K R	△ R607	88-140-332-080		RES,3.3K-1/2W J
△ C812	87-A10-867-090		CAP,CER 2200P-2K K R	△ R610	87-A00-561-090		RES,M/F 4.7K-2W J ERGS
△ C813	87-016-094-010		CAP,E 470-200 SMH	△ R611	87-A00-123-090		RES,M/F 3.9K-2W J RSI-2S B
△ C815	87-A11-319-080		CAP,E 22-160 M 105 YXA	△ R624	87-A00-246-090		RES,M/F 220-2W J RSF(S)
△ C816	87-012-388-010		CAP,CER 2200P-125 UL	△ R801	8Z-JBH-629-080		RES,SD 2.2M-1/2W K ERC 12UG
C817	87-A11-319-080		CAP,E 22-160 M 105 YXA	R809	87-A00-277-090		RES,CEM 2.2-10W J RGC
C818	87-016-587-080		CAP,E 1000-25 SSL	△ R811	87-A00-189-010		RES,CEM 220-15W J ZY
CF201	84-LB3-626-010		FLTR,TPS4.5MB2	△ R816	87-025-425-080		RES,M/F 12K-1/6W F
CF202	87-008-574-080		FLTR,SFSH4.5MCB	△ R817	88-121-152-080		RES,1.5K-1/8W J
CN1	87-009-195-010		CONN,5P B5BEH	△ RY801	87-A90-358-010		RELAY,12V LK1AF
CN401	87-099-043-010		CONN 2P EH	SF201	8Z-JBH-633-010		FLTR,SAW M1969-US
△ CN601	87-A60-933-010		CONN,4P V B04(5-3)B-DVS-L	SW1	87-A90-712-080		SW,TACT EVQ11L07K
△ CN801	87-099-674-010		CONN,2P VA V	SW2	87-A90-712-080		SW,TACT EVQ11L07K
△ CN802	82-481-649-010		PLUG,2P MINI(*)	SW3	87-A90-712-080		SW,TACT EVQ11L07K
CNA601	88-JBL-605-010		CONN ASSY,5P VDY-320	SW4	87-A90-712-080		SW,TACT EVQ11L07K
D1	87-070-110-010		LED,SLP-181B-51 RED	SW5	87-A90-712-080		SW,TACT EVQ11L07K
△ D820	8Z-JBH-606-010		VRIS,TNR15G271K	SW6	87-A90-712-080		SW,TACT EVQ11L07K
△ F801	87-035-489-010		FUSE,4A125V D UL	SW7	87-A90-712-080		SW,TACT EVQ11L07K
FB001	8Z-JBH-636-010		F-BEAD,2.7-5.5-4 FSOB060	△ T601	8Z-JB5-601-010		FBT,US 14' MONO
FB100	8Z-JBH-636-010		F-BEAD,2.7-5.5-4 FSOB060	△ T602	8Z-JBH-615-010		TRANS,US ETH09K10AZ
△ FC801	87-A90-160-080		FUSE CLAMP,FC 51F	△ T603	8Z-JBH-612-010		FLTR,PULSE ELF15N005A
△ FC802	87-A90-160-080		FUSE CLAMP,FC 51F	△ T801	8Z-JBH-614-010		PT,US TP8155T
FR401	87-A00-549-090		RES,FUSE 18-2W J	△ TH801	87-A90-996-010		POS-THMS,S1481-B50-A10
FR601	87-A00-063-060		RES,FUSE 2.2-1/2W J R-TYPE	TU101	8Z-JBE-610-010		TU UNIT,USA ENV56D74G3
FR602	87-A00-482-090		RES,FUSE 4.7-1W J	X1	87-030-212-080		CERA LOCK CST8.0M
△ FR603	87-A00-056-060		RES,FUSE 1.5-2WJ R-TYPE	X301	87-A70-007-080		VIB,XTAL 3.58MHZ AQC-1001
FR604	87-A00-050-060		RES,FUSE 2.2-1W J R-TYPE	X302	87-030-327-010		VIB,CER CSB503F30
△ FR605	87-029-175-060		RES FUSE,2.2K 1/2W J	NK C.B			
HL5	84-LB3-216-010		HLDL,RED	BT903	84-LB3-693-210		CONN ASSY,1P CRT GND
J401	87-A60-321-010		JACK,PIN 2P BLK-Y	C901	87-A10-833-090		CAP,CER 1000P-2K K R
J402	8Z-JBJ-604-010		JACK,PIN 2P Y YKC-7181	C902	87-018-124-080		CAP, CER 270P-50V
J403	87-A60-420-010		JACK,3.5 ST (MSC)	C903	87-018-124-080		CAP, CER 270P-50V
JW001	8Z-JBH-635-080		COIL,CORE BLO1RN1-A62	C904	87-018-124-080		CAP, CER 270P-50V
JW016	87-003-147-080		COIL,22UH J LAL02	C907	87-016-577-080		CAP,E 470-16 SSL
JW026	8Z-JBH-635-080		COIL,CORE BLO1RN1-A62	C908	87-016-627-080		CAP,E 47-16 SSL
L2	87-005-614-080		COIL 100UH LAV35 J	CN901	87-049-469-010		CONN,4P V
L201	8Z-JBR-612-010		COIL,SIF 4.5MHZ 504BN	CN902	87-009-033-010		CONNECTOR, 5P
L203	87-003-148-080		COIL BIAS 33UH	CN903	87-A60-485-010		CONN,2P V LV GRA
L204	87-003-282-080		COIL,12UH	L901	87-005-615-080		COIL,120UH J LAV35
L205	8Z-JBH-610-010		COIL,PIF-SQ57EL349A 45.75MHZ	R904	87-A00-165-090		RES,M/F 15K-2W J RSF(S)
L206	87-005-612-080		COIL,68UH J LAV35	R905	87-A00-165-090		RES,M/F 15K-2W J RSF(S)
△ L602	87-A50-040-010		COIL,2.2MH	R906	87-A00-165-090		RES,M/F 15K-2W J RSF(S)
△ L604	8Z-JBH-619-010		COIL,CHOKE-ELC10D331E	S901	8Z-JB4-670-010		SOCKET,CRT 9P CVT3327 1603
△ L801	8Z-JBH-613-010		FLTR,LINE ELF18N016A				
R107	87-A00-331-090		RES,M/F 27K-2W J RSF(S)				
R110	87-A00-160-090		RES,M/F 33-2W J RSF(S)				
△ R307	87-025-427-080		RES,M/F 27K-1/6W F				
△ R308	88-121-681-080		RES,680-1/8W J				
△ R309	87-025-425-080		RES,M/F 12K-1/6W F				
R312	87-A00-356-090		RES,M/F 22-2W J RSS2X				
△ R601	88-130-154-080		RES,150K-1/4W J				

△ Safety Components Symbol

This symbol is given to important parts which serve to maintain the safety of the product, and which are made to confirm to special Safety Specifications.

Therefore, when replacing a component with this symbol make absolutely sure that you use a designated part.

SCHEMATIC DIAGRAM (MAIN / NK)



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AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111