

SERVICE MANUAL

COLOR TELEVISION

- The Correction Service Manual is issued because of some errors in Service Manual of Model Name TV-S1311 (U), (S/M Code No. 09-99B-421-0R1).

aiwa
S/M Code No. 09-003-421-0C2

CORRECTION
DATA

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C206	87-A10-287-080		CAP,M 2200P-50 J
	8Z-JBH-621-010		IC,M37272M8-142SP	C207	87-016-632-080		CAP,E 0.47-50 SSL
	87-A91-538-010		RCR UNIT,SBX1981-72P	C208	87-018-134-080		CAPACITOR,TC-U 0.01-16
	87-A21-433-010		IC,KS24C041I	C209	87-016-627-080		CAP,E 47-16 SSL
	87-A20-611-080		IC,M51943BSL-700A	C210	87-018-115-080		CAP, CER 47P-50V
	87-A21-239-010		IC,TA1201CN	C211	87-018-115-080		CAP, CER 47P-50V
	87-A20-364-010		IC,KIA7809PI	C214	87-016-632-080		CAP,E 0.47-50 SSL
	87-002-421-010		IC,NJM2233BL	C215	87-016-632-080		CAP,E 0.47-50 SSL
	87-A21-090-010		IC,LA4600	C301	87-016-624-080		CAP,E 10-16 SSL
	87-027-666-010		IC,TC4052BP	C302	87-016-624-080		CAP,E 10-16 SSL
	87-070-237-010		IC,LA7832	C303	87-016-624-080		CAP,E 10-16 SSL
	8Z-JBH-605-010		IC,CXA2104S	△ C304	87-016-637-080		CAP,E 10-50 SSL
△	87-A21-290-010		IC,STR30110	C305	87-018-134-080		CAPACITOR,TC-U 0.01-16
				C306	87-A10-112-080		CAP,E 100-10 SSL
				C307	87-A10-299-080		CAP,M 0.022-50 J
TRANSISTOR				C308	87-016-632-080		CAP,E 0.47-50 SSL
	87-026-269-080		TR,DTA114ES	C309	87-018-147-080		CAP,TC-U 10P-50 CH
	89-327-854-080		TR,2SC2785F	C310	87-018-119-080		CAP, CER 100P-50V
	89-111-755-080		TR,2SA1175F	C311	87-018-209-080		CAP, CER 0.1-50V
	89-110-154-080		TR,2SA1015Y	C312	87-018-209-080		CAP, CER 0.1-50V
	87-026-245-080		TR,DTC114ES	C313	87-018-209-080		CAP, CER 0.1-50V
	89-418-771-060		TR,2SD1877	C314	87-018-134-080		CAPACITOR,TC-U 0.01-16
	87-A30-176-010		TR,2SC1573A P/Q/R	C315	87-018-131-080		CAP, CER 1000P-50V
	89-320-012-080		TR,2SC2001L	C316	87-A10-378-080		CAP,E 2.2-50 K SH
				C317	87-016-634-080		CAP,E 2.2-50 SSL
DIODE				C318	87-018-134-080		CAPACITOR,TC-U 0.01-16
	87-017-931-080		ZENER,MTZJ5.6B	C319	87-016-575-080		CAP,E 220-16 SSL
	87-002-743-080		ZENER,MTZJ 33B	C320	87-018-196-080		CAP, CER 1500P-16V
	87-070-136-080		ZENER,MTZJ5.1B	C321	87-016-636-080		CAP,E 4.7-50 SSL
	87-A40-523-080		ZENER,MTZJ9.1B	C323	87-016-625-080		CAP,E 22-16 SSL
	87-A40-348-080		ZENER,MTZJ3.3A	C324	87-016-632-080		CAP,E 0.47-50 SSL
	87-A40-611-080		ZENER,MTZJ3.9B	C325	87-016-632-080		CAP,E 0.47-50 SSL
	87-020-465-080		DIODE,1SS133 (110MA)	C328	87-016-624-080		CAP,E 10-16 SSL
	87-A40-520-080		ZENER,MTZJ11B	C330	87-016-633-080		CAP,E 1-50 SSL
△	87-A40-286-080		DIODE,RGP10JE-5025	C332	87-018-134-080		CAPACITOR,TC-U 0.01-16
△	87-070-274-080		DIODE,1N4003 SEM	C334	87-018-134-080		CAPACITOR,TC-U 0.01-16
	87-017-354-080		DIODE,RU3	C335	87-016-574-080		CAP,E 100-16 SSL
	87-A40-328-010		DIODE,GBU4JL	C336	87-018-209-080		CAP, CER 0.1-50V
	87-A40-444-080		ZENER,MTZJ20B	C338	87-016-632-080		CAP,E 0.47-50 SSL
				C341	88-707-959-810		CAP,M 0.39-50 J TF
MAIN C.B				C342	87-016-633-080		CAP,E 1-50 SSL
	BT301	87-JBC-625-010	CONN ASSY,5P V WHT TV-NK	C343	87-018-131-080		CAP, CER 1000P-50V
	BT401	8Z-JBH-631-010	CONN ASSY,4P V WHT SP-14	C344	87-018-109-080		CAP,TC U 22P-50 J SL
	BT600	88-JBL-605-010	CONN ASSY,5P V DY-320	C401	87-016-577-080		CAP,E 470-16 SSL
	BT601	87-JBG-626-010	CONN ASSY,4P V WHT TV-NK	C402	87-016-577-080		CAP,E 470-16 SSL
	C1	87-016-624-080	CAP,E 10-16 SSL	C403	87-016-577-080		CAP,E 470-16 SSL
	C2	87-018-134-080	CAPACITOR,TC-U 0.01-16	C404	87-016-574-080		CAP,E 100-16 SSL
	C3	87-018-134-080	CAPACITOR,TC-U 0.01-16	C405	87-016-636-080		CAP,E 4.7-50 SSL
	C4	87-018-196-080	CAP, CER 1500P-16V	C406	87-016-630-080		CAP,E 0.22-50 SSL
	C5	87-016-633-080	CAP,E 1-50 SSL	C407	87-016-630-080		CAP,E 0.22-50 SSL
	C7	87-016-621-080	CAP,E 220-10 SSL	C410	87-016-624-080		CAP,E 10-16 SSL
	C15	87-018-123-080	CAP, CER 220P-50V	C411	87-016-624-080		CAP,E 10-16 SSL
	C16	87-016-633-080	CAP,E 1-50 SSL	C412	87-016-624-080		CAP,E 10-16 SSL
	C17	87-018-131-080	CAP, CER 1000P-50V	C413	87-016-624-080		CAP,E 10-16 SSL
	C18	87-018-128-080	CAP, CERA-SOL SS 560P	C414	87-016-624-080		CAP,E 10-16 SSL
	C19	87-016-629-080	CAP,E 0.1-50 SSL	C501	88-708-980-810		CAP,M 0.056-100 J AMZV
	C23	87-018-123-080	CAP, CER 220P-50V	C502	87-A10-831-080		CAP,E 1000-25 M SMG
	C24	87-018-131-080	CAP, CER 1000P-50V	C503	87-016-633-080		CAP,E 1-50 SSL
	C30	88-266-610-810	CAP,SC 1000P-25 X K	C504	87-016-633-080		CAP,E 1-50 SSL
	C101	87-016-636-080	CAP,E 4.7-50 SSL	C508	87-A10-469-080		CAP,CER 2200P-500 K B DD10
	C104	87-016-621-080	CAP,E 220-10 SSL	C510	87-018-131-080		CAP, CER 1000P-50V
	C106	87-A10-576-080	CAP,CER 0.01-50 Z YF	C511	87-016-591-080		CAP,E 100-35 SSL
	C201	87-018-134-080	CAPACITOR,TC-U 0.01-16	C512	87-018-127-080		CAP, CER 470P-50V
	C202	87-018-134-080	CAPACITOR,TC-U 0.01-16	C601	87-016-599-080		CAP,E 10-250 SSL
	C203	87-016-632-080	CAP,E 0.47-50 SSL	△ C603	87-010-974-080		CAP,CER 220P-500 B
	C204	87-018-134-080	CAPACITOR,TC-U 0.01-16	C604	87-010-396-080		CAP,E 470-35 SME
	C205	87-016-577-080	CAP,E 470-16 SSL	C605	87-016-587-080		CAP,E 1000-25 SSL
				C606	8Z-JBH-625-010		CAP,M/P 0.39-250 J A TYPE
				C607	87-A11-320-090		CAP,E 47-160 M 105 YXA
				△ C609	87-016-482-010		CAP,PP 6800P-1.6K J DKR

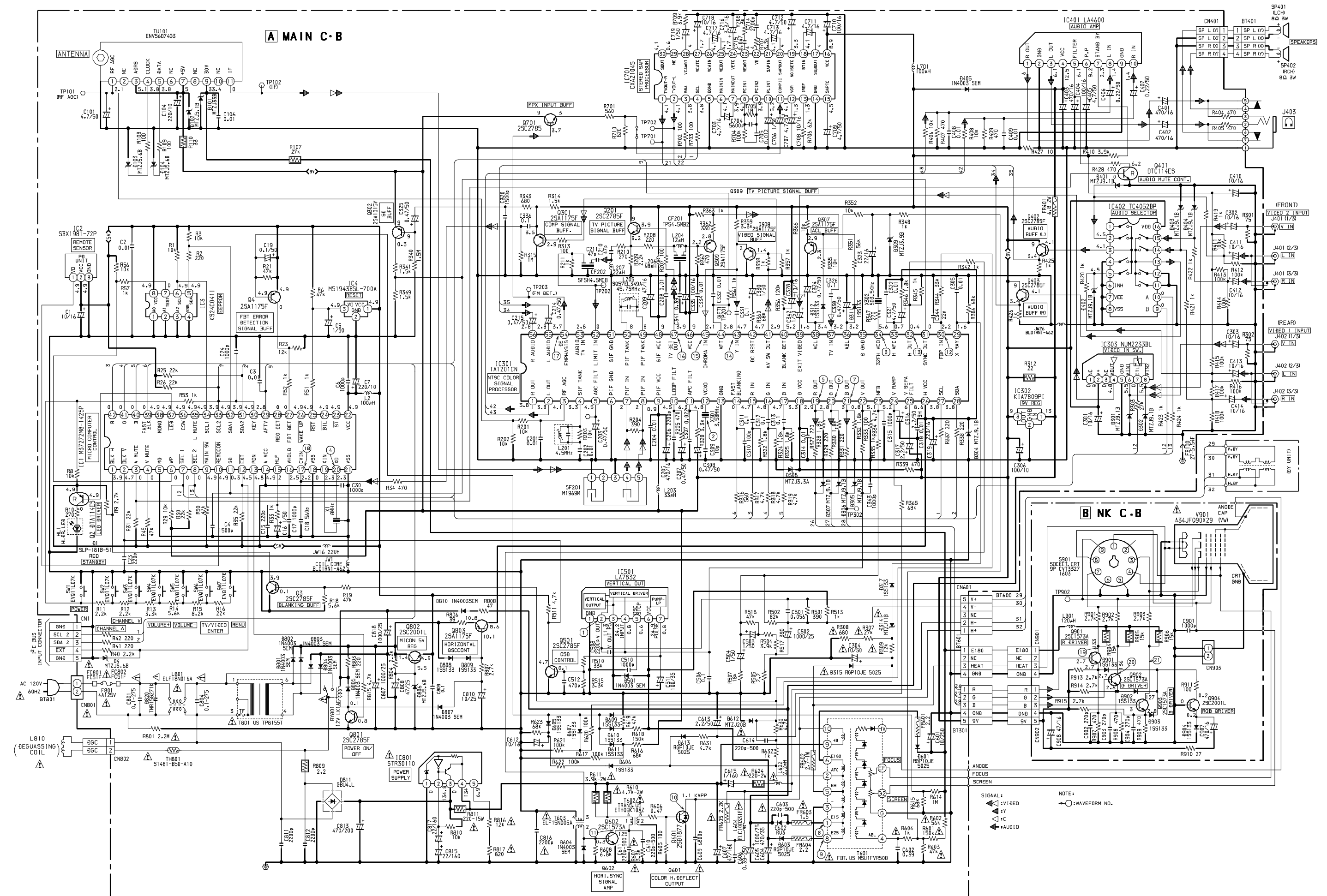
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
	C610	87-010-974-080	CAP,CER 220P-500 B		L701	87-005-614-080	COIL 100UH LAV35 J
△	C611	87-010-974-080	CAP,CER 220P-500 B	△	L801	8Z-JBH-613-010	FLTR,LINE ELF15N013A
	C612	87-016-624-080	CAP,E 10-16 SSL		R107	87-A00-331-090	RES,M/F 27K-2W J RSF(S)
	C613	87-016-634-080	CAP,E 2.2-50 SSL		R110	87-A00-160-090	RES,M/F 33-2W J RSF(S)
△	C614	87-010-974-080	CAP,CER 220P-500 K B	△	R307	87-025-427-080	RES,M/F 27K-1/6W F
	C615	87-016-215-080	CAP,E 1-160 M TWSS	△	R308	88-121-681-080	RES,680-1/8W J
	C703	87-015-464-080	CAP,E 4.7-16 BP	△	R309	87-025-425-080	RES,M/F 12K-1/6W F
	C704	87-A10-292-080	CAP,M 5600P-50 J		R312	87-A00-356-090	RES,M/F 22-2W J RSS2X
	C705	87-A10-296-080	CAP,M 0.012-50 J	△	R601	88-130-154-080	RES,150K-1/4W J
	C706	87-016-633-080	CAP,E 1-50 SSL	△	R602	88-121-563-080	RES,56K-1/8W J
	C707	87-016-636-080	CAP,E 4.7-50 SSL	△	R603	88-121-473-080	RES,47K-1/8W J
	C708	87-016-624-080	CAP,E 10-16 SSL	△	R604	88-130-102-080	RES,1K-1/4W J
	C709	87-016-636-080	CAP,E 4.7-50 SSL		R606	8Z-JBH-628-080	RES,M/F 0.47-1/2W K ERX 12SJ
	C710	87-016-574-080	CAP,E 100-16 SSL	△	R607	88-140-332-080	RES,3.3K-1/2W J
	C711	87-015-464-080	CAP,E 4.7-16 BP	△	R610	87-A00-561-090	RES,M/F 4.7K-2W J ERGS
	C712	87-016-636-080	CAP,E 4.7-50 SSL	△	R611	87-A00-123-090	RES,M/F 3.9K-2W J RSI-2S B
	C713	87-015-464-080	CAP,E 4.7-16 BP	△	R624	87-A00-246-090	RES,M/F 220-2W J RSF(S)
	C714	87-A10-288-080	CAP,M 2700P-50 J		R706	87-A00-130-080	RES,M/F 62K-1/6W F
	C716	87-016-301-080	CAP,TN 3.3-16K DN	△	R801	8Z-JBH-629-080	RES,SD 2.2M-1/2W K ERC 12UG
	C717	87-015-464-080	CAP,E 4.7-16 BP		R809	87-A00-277-090	RES,CEM 2.2-10W J RGC
	C718	87-016-302-080	CAP,TN 10-16K DN	△	R811	87-A00-189-010	RES,CEM 220-15W J ZY
	C719	87-016-633-080	CAP,E 1-50 SSL	△	R816	87-025-425-080	RES,M/F 12K-1/6W F
△	C801	87-A10-374-010	CAP,M/P 0.1-275 K RMR	△	R817	88-121-821-080	RES,820-1/8W J
△	C804	87-A10-374-010	CAP,M/P 0.1-275 K RMR	△	RY801	87-A90-358-010	RELAY,12V LK1AF
	C807	87-016-587-080	CAP,E 1000-25 SSL		SF201	8Z-JBH-633-010	FLTR,SAW M1969-US
	C808	87-016-582-080	CAP,E 47-25 SSL		SW1	87-A90-712-080	SW,TACT EVQ11L07K
	C809	87-018-209-080	CAP,CER 0.1-50V		SW2	87-A90-712-080	SW,TACT EVQ11L07K
	C810	87-016-628-080	CAP,E 10-25 SSL		SW3	87-A90-712-080	SW,TACT EVQ11L07K
	C811	87-A10-867-090	CAP,CER 2200P-2K K R		SW4	87-A90-712-080	SW,TACT EVQ11L07K
	C812	87-A10-867-090	CAP,CER 2200P-2K K R		SW5	87-A90-712-080	SW,TACT EVQ11L07K
	C813	87-016-094-010	CAP,E 470-200 M SMH		SW6	87-A90-712-080	SW,TACT EVQ11L07K
	C815	87-A11-319-080	CAP,E 22-160 M 105 YXA		SW7	87-A90-712-080	SW,TACT EVQ11L07K
△	C816	87-012-388-010	CAP,CER 2200P-125 UL	△	T601	8Z-JBH-604-010	FBT,US MSU1FVR508
	C817	87-A11-319-080	CAP,E 22-160 M 105 YXA	△	T602	8Z-JBH-615-010	TRANS,US ETH09K10AZ
	C818	87-016-587-080	CAP,E 1000-25 SSL	△	T603	8Z-JBH-612-010	FLTR,PULSE ELF15N005A
	CF201	84-LB3-626-010	FLTR,TPS4.5MB2	△	T801	8Z-JBH-614-010	PT,US TP8155T
	CF202	87-008-574-080	FLTR,SFSH4.5MCB	△	TH801	87-A90-996-010	POS-THMS,S1481-B50-A10
	CN1	87-009-195-010	CONN,5P B5BEH		TU101	8Z-JBE-610-010	TU UNIT,USA ENV56D74G3
	CN401	87-049-469-010	CONN,4P V		X1	87-030-212-080	CERA LOCK CST8.0M
	CN601	87-A60-933-010	CONN,4P V B04(5-3)B-DVS-L		X301	87-A70-007-080	VIB,XTAL 3.58MHZ AQC-1001
△	CN801	87-099-674-010	CONN,2P VA V		X302	87-030-327-010	VIB,CER CSB503F30
	CN802	82-481-649-010	PLUG,2P V TV-50P				
	D1	87-070-110-010	LED,SLP-181B-51				
△	D820	8Z-JBH-606-010	VRIS,TNR15G271K				
△	F801	87-035-489-010	FUSE,4A 125V D UL		NK C.B		
	FB100	8Z-JBH-636-010	F-BEAD,2.7-5.5-4 FSOB060		C901	87-A10-833-090	CAP,CER 1000P-2K K R
△	FC801	87-A90-160-080	FUSE CLAMP,FC 51F		C902	87-018-124-080	CAP,TC-U 270P-50 B
△	FC802	87-A90-160-080	FUSE CLAMP,FC 51F		C903	87-018-124-080	CAP,TC-U 270P-50 B
	FR401	87-A00-492-090	RES,FUSE 6.8-2W J		C904	87-018-124-080	CAP,TC-U 270P-50 B
	FR601	87-A00-063-060	RES,FUSE 2.2-1/2W J R-TYPE		C907	87-016-577-080	CAP,E 470-16 SSL
	FR602	87-A00-479-090	RES,FUSE 2.7-1W J		C908	87-016-627-080	CAP,E 47-16 SSL
△	FR603	87-A00-056-060	RES,FUSE 1.5-2WJ R-TYPE		CN901	87-049-469-010	CONN,4P V
	FR604	87-A00-050-060	RES,FUSE 2.2-1W J R-TYPE		CN902	87-009-033-010	CONNECTOR, 5P
△	FR605	87-029-175-060	RES FUSE,2.2K 1/2W J		CN903	87-A60-485-010	CONN,2P V LV GRA
	HL1	84-LB3-216-010	HLDR,LED		L901	87-005-615-080	COIL,120UH J LAV35
	J401	87-A60-322-110	JACK,PIN 3P Y-W-R W/SW		R904	87-A00-165-090	RES,M/F 15K-2W J RSF(S)
	J402	8Z-JBH-616-010	JACK,PIN 3P Y		R905	87-A00-165-090	RES,M/F 15K-2W J RSF(S)
	J403	87-A60-420-010	JACK,3.5 ST (MSC)		R906	87-A00-165-090	RES,M/F 15K-2W J RSF(S)
	JW1	8Z-JBH-635-080	COIL,CORE BL01RN1-A62		S901	8Z-JB4-670-010	SOCKET,CRT 9P CVT3327 1603
	JW16	87-003-147-080	COIL,22UH J LAL02				
	JW26	8Z-JBH-635-080	COIL,CORE BL01RN1-A62				
	L2	87-005-614-080	COIL 100UH LAV35 J				
	L201	8Z-JBR-612-010	COIL,SIF 4.5MHZ 504BN				
	L203	87-003-148-080	COIL BIAS 33UH				
	L204	87-003-282-080	COIL,12UH				
	L205	8Z-JBH-610-010	COIL,PIF-SQ57EL349A 45.75MHZ				
	L206	87-005-612-080	COIL,68UH J LAV35				
	L207	87-003-147-080	COIL, 22UH				
△	L602	87-A50-040-010	COIL,2.2MH				
△	L604	8Z-JBH-619-010	COIL,CHOKE-ELC10D331E				

 **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



アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111