

aiwa



CS-W530 CS-W531

STEREO RADIO
CASSETTE RECORDER

• TYPE: EZ

SIMPLE MANUAL

• Replace this Service Manual with "Revision Publishing" when it is issued.

S/M Code No. 09-992-407-2T1

MANUAL
SERVICE

ELECTRICAL MAIN PARTS LIST - 1

NOTE: The characters in the suffix column indicate the part usage.

EZB	.....	XX	.....	A
EZS	.....	XX	.....	B
		KANRI		
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
C	704	87-010-260-080	CAP, ELECT 47-25V	AB
C	702	87-010-384-080	CAP, ELECT 100-25V	AB
C	703	87-010-385-080	CAP, ELECT 220-25V	AB
C	905	87-010-388-080	CAP, ELECT 1000-25V SME	AB
C	902	87-018-211-080	CAP, CER 0.01-50	AB
C	903	87-018-211-080	CAP, CER 0.01-50	AB
C	904	87-018-211-080	CAP, CER 0.01-50	AB
C	901	87-018-211-080	CAP, CER 0.01-50	AB
D	706	87-017-437-080	DIODE, 1N4148M	AB
D	705	87-017-437-080	DIODE, 1N4148M	AB
D	702	87-017-437-080	DIODE, 1N4148M	AB
D	707	87-070-334-080	ZENER, MTZJ10B	AB
D	701	87-A40-337-080	ZENER, MTZJ 6.8B	AB
D	708	87-A40-398-010	DIODE, 1N4001	AB
D	704	88-CD9-651-090	DIODE, J05	AB
D	703	88-CD9-651-090	DIODE, J05	AB
D	902	88-CD9-651-090	DIODE, J05	AB
D	901	88-CD9-651-090	DIODE, J05	AB
D	903	88-CD9-651-090	DIODE, J05	AB
D	904	88-CD9-651-090	DIODE, J05	AB
Q	701	87-026-663-010	TR, C8050	AB
Q	704	87-026-664-010	TR, C8550	AB
Q	703	87-026-664-010	TR, C8550	AB
Q	702	89-324-584-080	TR, 2SC2458 (0.2W)	AB
Q	705	89-324-584-080	TR, 2SC2458 (0.2W)	AB
R	701	87-001-196-080	FUSE, ICP-N10	AB
SW	701	8Z-CS1-601-010	SW, SK42H02 (FUNC)	AB
SW	702	8Z-CS1-602-010	SW, SK43D01 (MONO/ST)	AB
VR	701	87-A90-527-010	SFR, 5K H VZ066L3	AB
C	203	87-010-101-080	CAP, ELECT 220-16	AB
C	204	87-010-380-080	CAP, ELECT 47-16V	AB
C	205	87-010-402-080	CAP, ELECT 2.2-50V	AB
C	202	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	201	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	206	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	207	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	208	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB
C	209	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB
C	210	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB
C	211	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB
C	805	87-010-101-080	CAP, ELECT 220-16	AB
C	809	87-010-112-080	CAP, ELECT 100-16V	AB
C	806	87-010-112-080	CAP, ELECT 100-16V	AB
C	808	87-010-236-080	CAP, E 1000-10 SME	AB
C	804	87-010-380-080	CAP, ELECT 47-16V	AB
C	803	87-010-380-080	CAP, ELECT 47-16V	AB
C	801	87-018-131-080	CAP, CER 1000P-50V	AB
C	802	87-018-131-080	CAP, CER 1000P-50V	AB
C	815	87-010-101-080	CAP, ELECT 220-16	AB
C	811	87-010-236-080	CAP, E 1000-10 SME	AB
C	814	87-010-401-080	CAP, ELECT 1-50V	AB
C	813	87-010-401-080	CAP, ELECT 1-50V	AB
C	819	87-018-133-080	CAPACITOR, CER 4700P-16V	AB
C	816	87-018-133-080	CAPACITOR, CER 4700P-16V	AB
C	818	87-018-209-080	CAP, CER 0.1-50V	AB
C	817	87-018-209-080	CAP, CER 0.1-50V	AB
C	826	87-010-380-080	CAP, ELECT 47-16V	AB
C	821	87-010-401-080	CAP, ELECT 1-50V	AB
C	820	87-010-401-080	CAP, ELECT 1-50V	AB
C	827	87-018-202-080	CAP, CERAM.6800PF	AB
C	823	87-018-205-080	CAP, CERA-SOL 0.022	AB
C	822	87-018-205-080	CAP, CERA-SOL 0.022	AB
C	830	87-018-202-080	CAP, CERAM.6800PF	AB
D	801	87-A40-398-010	DIODE, 1N4001	AB
IC	201	87-A20-946-040	C-IC, MM1434XF	AB
IC	801	87-CD7-602-010	IC, TA8227P	AB
J	801	8Z-CS1-604-010	JACK, HTJ-035-08 D	AB
Q	801	89-324-584-080	TR, 2SC2458 (0.2W)	AB
Q	802	89-324-584-080	TR, 2SC2458 (0.2W)	AB
SW	201	8Z-CS1-603-010	SW, Q-SOUND	AB
VR	802	8Z-CS1-615-010	SFR, VR 50KB(TONE)	AB
VR	801	8Z-CS1-616-010	SFR, VR 50KB(VOLUME)	AB
C	401	87-010-380-080	CAP, ELECT 47-16V	AB
C	402	87-010-544-080	CAP, ELECT 0.1-50V	AB
C	509	87-010-248-080	CAP, ELECT 220-10V	AB
C	507	87-010-380-080	CAP, ELECT 47-16V	AB
C	505	87-010-380-080	CAP, ELECT 47-16V	AB
C	503	87-018-131-080	CAP, CER 1000P-50V	AB
C	501	87-018-131-080	CAP, CER 1000P-50V	AB
C	504	87-018-131-080	CAP, CER 1000P-50V	AB
C	502	87-018-131-080	CAP, CER 1000P-50V	AB
C	511	87-010-380-080	CAP, ELECT 47-16V	AB
C	515	87-010-380-080	CAP, ELECT 47-16V	AB
C	513	87-010-382-080	CAP, ELECT 22-25V	AB
C	510	87-010-402-080	CAP, ELECT 2.2-50V	AB

ELECTRICAL MAIN PARTS LIST - 2

C	518	87-010-404-080	CAP, ELECT 4.7-50V	AB.....
C	519	87-010-404-080	CAP, ELECT 4.7-50V	AB.....
C	514	87-010-404-080	CAP, ELECT 4.7-50V	AB.....
C	517	87-010-404-080	CAP, ELECT 4.7-50V	AB.....
C	512	87-018-131-080	CAP, CER 1000P-50V	AB.....
C	516	87-018-131-080	CAP, CER 1000P-50V	AB.....
C	524	87-010-248-080	CAP, ELECT 220-10V	AB.....
C	529	87-010-265-080	CAP, ELECT 33-16V	AB.....
C	528	87-018-127-080	CAP, CER 470P-50V	AB.....
C	521	87-018-131-080	CAP, CER 1000P-50V	AB.....
C	520	87-018-131-080	CAP, CER 1000P-50V	AB.....
C	527	87-018-133-080	CAPACITOR, CER 4700P-16V	AB.....
C	534	87-018-119-080	CAP, CER 100P-50V	AB.....
C	536	87-018-119-080	CAP, CER 100P-50V	AB.....
C	533	87-018-119-080	CAP, CER 100P-50V	AB.....
C	535	87-018-119-080	CAP, CER 100P-50V	AB.....
C	530	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
D	401	87-017-437-080	DIODE, 1N4148M	AB.....
D	501	87-017-437-080	DIODE, 1N4148M	AB.....
D	502	87-017-437-080	DIODE, 1N4148M	AB.....
IC	501	8Z-CS1-611-010	IC, TA8189N	AB.....
Q	301	89-324-584-080	TR, 2SC2458 (0.2W)	AB.....
Q	501	87-026-663-010	TR, C8050	AB.....
Q	502	89-324-584-080	TR, 2SC2458 (0.2W)	AB.....
SW	501	8Z-CS1-605-010	SW, REC 6P2T	AB.....
T	501	8Z-CS1-606-010	COIL, BIAS 4A363R	AB.....
VR	501	87-024-172-080	SEMI-FIXED RESISTOR, 10K	AB.....
C	303	87-010-265-080	CAP, ELECT 33-16V	AB.....
C	302	87-010-400-080	CAP, ELECT 0.47-50V	AB.....
C	309	87-010-544-080	CAP, ELECT 0.1-50V	AB.....
C	306	87-010-545-080	CAP, ELECT 0.22-50V	AB.....
C	305	87-010-545-080	CAP, ELECT 0.22-50V	AB.....
C	308	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
C	307	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
C	301	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
C	304	87-018-208-080	CAP 0.047-50F	AB.....
C	310	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	311	87-010-544-080	CAP, ELECT 0.1-50V	AB.....
C	312	87-010-545-080	CAP, ELECT 0.22-50V	AB.....
C	313	87-018-038-080	CAP, TC-S 330P-50 B	AB.....
C	313	87-018-131-080	CAP, CER 1000P-50V	AB.....
C	318	87-018-143-080	CAP, TC-U 4.7P-50 CH	AB.....
C	317	87-018-149-080	CAP, TC-U 15P-50 CH	AB.....
C	316	89-612-205-080	CAP, TC 20P-50 K SL UP125	AB.....
C	321	87-018-034-080	CERAMIC CAPACITOR 150P	AB.....
C	323	87-018-039-080	CAP, TC-S 390P-50 B	AB.....
C	321	87-018-039-080	CAP, TC-S 390P-50 B	AB.....
C	325	87-018-045-080	CAP, TC-S 2200P-25 X	AB.....
C	329	87-018-062-080	CAP, TC-S 33P-50 CH	AB.....
C	323	87-018-137-080	CAPACITOR, 3300P	AB.....
C	328	87-018-141-080	CAP, CERA-SOL SS 3.3P CH	AB.....
C	322	87-018-141-080	CAP, CERA-SOL SS 3.3P CH	AB.....
C	329	87-018-143-080	CAP, TC-U 4.7P-50 CH	AB.....
C	327	87-018-143-080	CAP, TC-U 4.7P-50 CH	AB.....
C	328	87-018-143-080	CAP, TC-U 4.7P-50 CH	AB.....
C	326	87-018-148-080	CAP, TC-U 12P-50 CH	AB.....
C	322	87-018-148-080	CAP, TC-U 12P-50 CH	AB.....
C	339	87-010-248-080	CAP, ELECT 220-10V	AB.....
C	336	87-018-045-080	CAP, TC-S 2200P-25 X	AB.....
C	330	87-018-059-080	CAP, TC-S 22P-50CH	AB.....
C	332	87-018-059-080	CAP, TC-S 22P-50CH	AB.....
C	331	87-018-060-080	CAP, TC-S 24P-50 CH	AB.....
C	330	87-018-090-080	CAP, TC-S 18P-50 UJ	AB.....
C	333	87-018-143-080	CAP, TC-U 4.7P-50 CH	AB.....
C	333	87-018-145-080	CAP, TC-U 6.8P-50 CH	AB.....
C	335	87-018-205-080	CAP, CERA-SOL 0.022	AB.....
C	334	87-018-205-080	CAP, CERA-SOL 0.022	AB.....
C	346	87-010-400-080	CAP, ELECT 0.47-50V	AB.....
C	342	87-018-131-080	CAP, CER 1000P-50V	AB.....
C	345	87-018-141-080	CAP, CERA-SOL SS 3.3P CH	AB.....
C	340	87-018-208-080	CAP 0.047-50F	AB.....
C	351	87-018-025-080	CAP, TC S 51P-50 J SL UP100	AB.....
C	355	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
C	353	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
C	354	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
C	352	89-612-205-080	CAP, TC 20P-50 K SL UP125	AB.....
C	361	87-018-028-080	CAP S 68P	AB.....
C	365	87-018-134-080	CAPACITOR, TC-U 0.01-16	AB.....
C	364	87-018-209-080	CAP, CER 0.1-50V	AB.....
C	363	87-018-209-080	CAP, CER 0.1-50V	AB.....
C	362	89-612-205-080	CAP, TC 20P-50 K SL UP125	AB.....
CF	302	82-785-747-080	CF, MS2 GHY, R	AB.....
CF	301	8Z-CS1-612-010	FLTR, 55A	AB.....
CF	301	8Z-CS1-613-010	FLTR, SFU465	AB.....
CF	303	8Z-CS1-614-010	FLTR, CD10.7G1S	AB.....
D	302	87-017-437-080	DIODE, 1N4148M	AB.....
D	306	87-017-437-080	DIODE, 1N4148M	AB.....
D	301	87-017-437-080	DIODE, 1N4148M	AB.....
D	308	87-017-437-080	DIODE, 1N4148M	AB.....
D	307	87-020-605-080	DIODE, 1SS135	AB.....
D	305	87-020-605-080	DIODE, 1SS135	AB.....
D	304	87-CD8-614-010	VARI-CAP, 1S2638	AB.....

ELECTRICAL MAIN PARTS LIST - 3

D	305	87-CD8-614-010	VARI-CAP, 1S2638	..
IC	301	87-A20-851-040	C-IC, TA2111F	AB.
L	305	8Z-CS1-607-010	COIL, FM BPF 4T-4.5MM	AB.
L	304	8Z-CS1-610-010	COIL, FM ANT 9T-3.0MM	AB.
L	303	8Z-CS1-621-010	COIL, FM OSC 3.5T-4.5MM	AB.
L	302	8Z-CS1-623-010	COIL, FM RF 4T-4.5MM	AB.
L	308	8Z-CS1-625-010	COIL, BAR ANT AM 110:12	..
L	308	8Z-CS1-627-010	COIL, BAR ANT LW/MW	AB.
L	308	8Z-CS1-629-010	COIL, BAR ANT MW 80:25	..
L	319	8Z-CS1-636-010	COIL, FM OSC 5T-4.5MM(V)	..
L	318	8Z-CS1-637-010	COIL, FM OSC 3T-4.0MM(V)	..
L	315	8Z-CS1-638-010	COIL, FM RF 6T-5.0MM(V)	..
L	314	8Z-CS1-638-010	COIL, FM RF 6T-5.0MM(V)	..
T	301	8Z-CS1-609-010	COIL, AM IFT 4A224R	AB.
T	302	8Z-CS1-624-010	COIL, AM OSC 1A864R	..
T	302	8Z-CS1-626-010	COIL, AM OSC 1A600R	..
T	303	8Z-CS1-626-010	COIL, AM OSC 1A600R	AB.
T	302	8Z-CS1-628-010	COIL, LW OSC 1A875R	AB.
T	303	8Z-CS1-630-010	COIL, SW OSC KM-302R	..
T	303	8Z-CS1-631-010	COIL, SW OSC KM-316R	..
T	304	8Z-CS1-632-010	COIL, SW OSC 7A-837R	..
T	305	8Z-CS1-633-010	COIL, SW ANT KM-473R	..
T	305	8Z-CS1-634-010	COIL, SW ANT 465	..
T	306	8Z-CS1-635-010	COIL, SW ANT 597N	..
TC	303	87-011-220-080	TRIMMER CAP 20P VTC	..
VR	302	87-011-220-080	TRIMMER CAP 20P VTC	..
C	301	87-024-176-080	SEMI-FIXED RESISTOR, 100K	..
C	608	87-010-101-080	CAP, ELECT 220-16	AB.
C	604	87-010-112-080	CAP, ELECT 100-16V	AB.
C	606	87-010-401-080	CAP, ELECT 1-50V	AB.
C	602	87-010-401-080	CAP, ELECT 1-50V	AB.
C	605	87-010-401-080	CAP, ELECT 1-50V	AB.
C	609	87-010-401-080	CAP, ELECT 1-50V	AB.
C	603	87-010-401-080	CAP, ELECT 1-50V	AB.
C	607	87-010-404-080	CAP, ELECT 4.7-50V	AB.
C	601	87-010-404-080	CAP, ELECT 4.7-50V	AB.
C	610	87-010-401-080	CAP, ELECT 1-50V	AB.
C	622	87-010-382-080	CAP, ELECT 22-25V	AB.
C	621	87-010-382-080	CAP, ELECT 22-25V	AB.
C	620	87-010-401-080	CAP, ELECT 1-50V	AB.
D	605	87-017-437-080	DIODE, 1N4148M	AB.
D	606	87-017-437-080	DIODE, 1N4148M	AB.
D	602	87-017-437-080	DIODE, 1N4148M	AB.
D	601	87-017-437-080	DIODE, 1N4148M	AB.
D	603	87-017-437-080	DIODE, 1N4148M	AB.
IC	601	87-002-260-010	IC, BU4066BL	AB.
Q	607	87-026-291-080	TR, DTC124XS	AB.
Q	606	87-026-291-080	TR, DTC124XS	AB.
Q	605	89-324-584-080	TR, 2SC2458 (0.2W)	AB.
Q	603	89-324-584-080	TR, 2SC2458 (0.2W)	AB.
Q	602	89-324-584-080	TR, 2SC2458 (0.2W)	AB.
Q	604	89-324-584-080	TR, 2SC2458 (0.2W)	AB.
Q	601	89-324-584-080	TR, 2SC2458 (0.2W)	AB.

MECHANICAL PARTS LIST - 1

NOTE: The characters in the suffix column indicate the part usage.

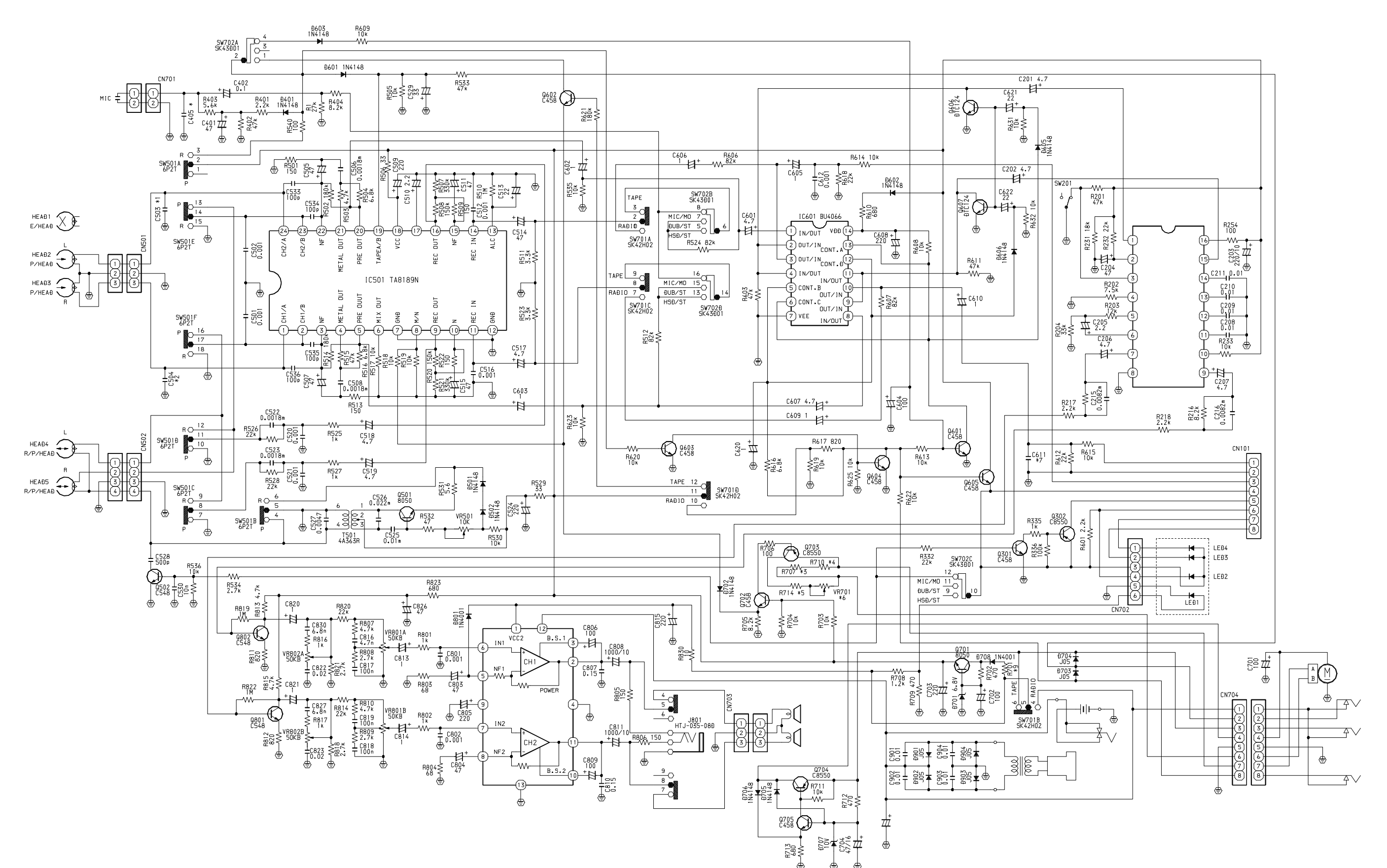
EZB	.....	XX	.....	A
EZS	.....	XX	.....	B
		KANRI		
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
	84-CD8-083-010		BADGE, AIWA 30.5-5.2 2.5LEAD	AB
	8Z-CS1-004-010		LID, CASS (R)	.B
	8Z-CS1-006-010		WINDOW, CASS (R)	AB
	8Z-CS1-008-010		WINDOW, LED	AB
	8Z-CS1-009-010		LID, BATT	.B
	8Z-CS1-015-010		POINTER,	AB
	8Z-CS1-016-010		ARM-HANDL, L	
	8Z-CS1-017-010		ARM-HANDL, R	
	8Z-CS1-018-010		HANDL, 2PIECES	.B
	8Z-CS1-020-010		LID, CASS BRACKET (L)	.B
	8Z-CS1-021-010		LID, CASS BRACKET (R)	.B
	8Z-CS1-022-010		COVER, TWEETER (L)	AB
	8Z-CS1-023-010		COVER, TWEETER (R)	AB
	8Z-CS1-024-010		COVER, HANDLE 2PIECES	.B
	8Z-CS1-026-010		GRILLE, L	.B
	8Z-CS1-027-010		GRILLE, R	.B
	8Z-CS1-037-010		GRIP-HANDL,	
	8Z-CS2-002-010		CABI, FRONT EX	.B
	8Z-CS2-004-010		CABI, REAR HE	.B
	8Z-CS2-005-010		CABI, REAR SH	
	8Z-CS2-008-010		LID, CASS (L)	.B
	8Z-CS2-009-010		WINDOW, DIAL LH	
	8Z-CS2-010-010		WINDOW, DIAL EZ	.B
	8Z-CS2-025-010		WINDOW, CASS (L)	AB
	8Z-CS2-026-010		WINDOW, DIAL SH	
	8Z-CS2-028-010		CABI, FR EX (B)	A
	8Z-CS2-029-010		CABI, REAR EX (B)	A
	8Z-CS2-030-010		LID, CASS L (B)	A
	8Z-CS2-031-010		LID, CASS R (B)	A
	8Z-CS2-032-010		WINDOW, DIAL EZ (W531)	A
	8Z-CS2-033-010		WINDOW, DIAL V (W531)	
	8Z-CS2-034-010		LID, BATT (B)	A
	8Z-CS2-036-010		HANDL, 2PIECES (B)	A
	8Z-CS2-037-010		COVER, HANDLE 2PIECES (B)	A
	8Z-CS2-038-010		LID, CASS BKT L (B)	A
	8Z-CS2-039-010		LID, CASS BKT R (B)	A
	8Z-CS2-041-010		GRILLE, L (B)	A
	8Z-CS2-042-010		GRILLE, R (B)	A
	8Z-CS1-011-010		KNOB, SL	AB
	8Z-CS1-012-010		KNOB, RTRY TUNER	.B
	8Z-CS1-013-010		KNOB, RTRY VOL	AB
	8Z-CS1-014-010		KNOB, RTRY TONE	AB
	8Z-CS1-019-010		KNOB, RTRY FINE-TU	
	8Z-CS1-025-010		BTN, 0-SOUND	.B
	8Z-CS2-001-010		KEY, CASS SET (CR)	.B
	8Z-CS2-024-010		KEY, CASS SET (B)	A
	8Z-CS2-035-010		KNOB, RTRY TUNER (B)	A
	8Z-CS2-040-010		BTN, 0-SOUND (B)	A
	8Z-CS1-028-010		PLATE, TOP HE	
	8Z-CS1-035-010		PLATE, TOP SH	
	8Z-CS2-013-010		PLATE, TOP EZ	AB
	8Z-CS2-014-010		PLATE, TOP V	
	86-CS3-201-010		GEAR, PVC	AB
	86-CS3-204-010		PLATE, HANDLE A BAR HOLDER	
	86-CS3-207-010		SPR, BATT (-)	AB
	86-CS3-208-010		SPR, BATT (+/-)	AB
	86-CS3-210-010		COVER, VOLTAGE	
	86-CS3-211-010		COVER, AC SOCKET	AB
	86-CS3-212-010		HLDR, REC ACTUATER-A	AB
	86-CS3-213-010		HLDR, REC ACTUATER-B	AB
	86-CS3-214-010		GEAR,	AB
	86-CS3-215-010		CLIP, SPKR	AB
	86-CS3-216-010		HLDR, BAR ANT	AB
	86-CS3-217-010		NUT, M3X0.5P NI	AB
	8Z-CS1-201-010		HLDR, BAND	
	8Z-CS1-203-010		PLATE, MIC	AB
	8Z-CS1-204-010		SPR-T, CASS	AB
	87-067-578-010		BVT1+3-8	AB
	87-067-632-010		TAPPING SCREW, BVT2+3-15	AB
	87-231-098-410		Q+3-14	
	87-253-098-410		U+3-14	AB
	87-261-073-410		V+2.6-6	AB
	87-261-096-410		SCREW, V+3-10 GLD	AB
	87-651-076-410		VT1+2.6-12 ZN	AB
	87-651-104-410		VT1+3-30	AB
	87-723-073-410		QT2+2.6-6	AB

ACCESSORIES/PACKAGE LIST-1

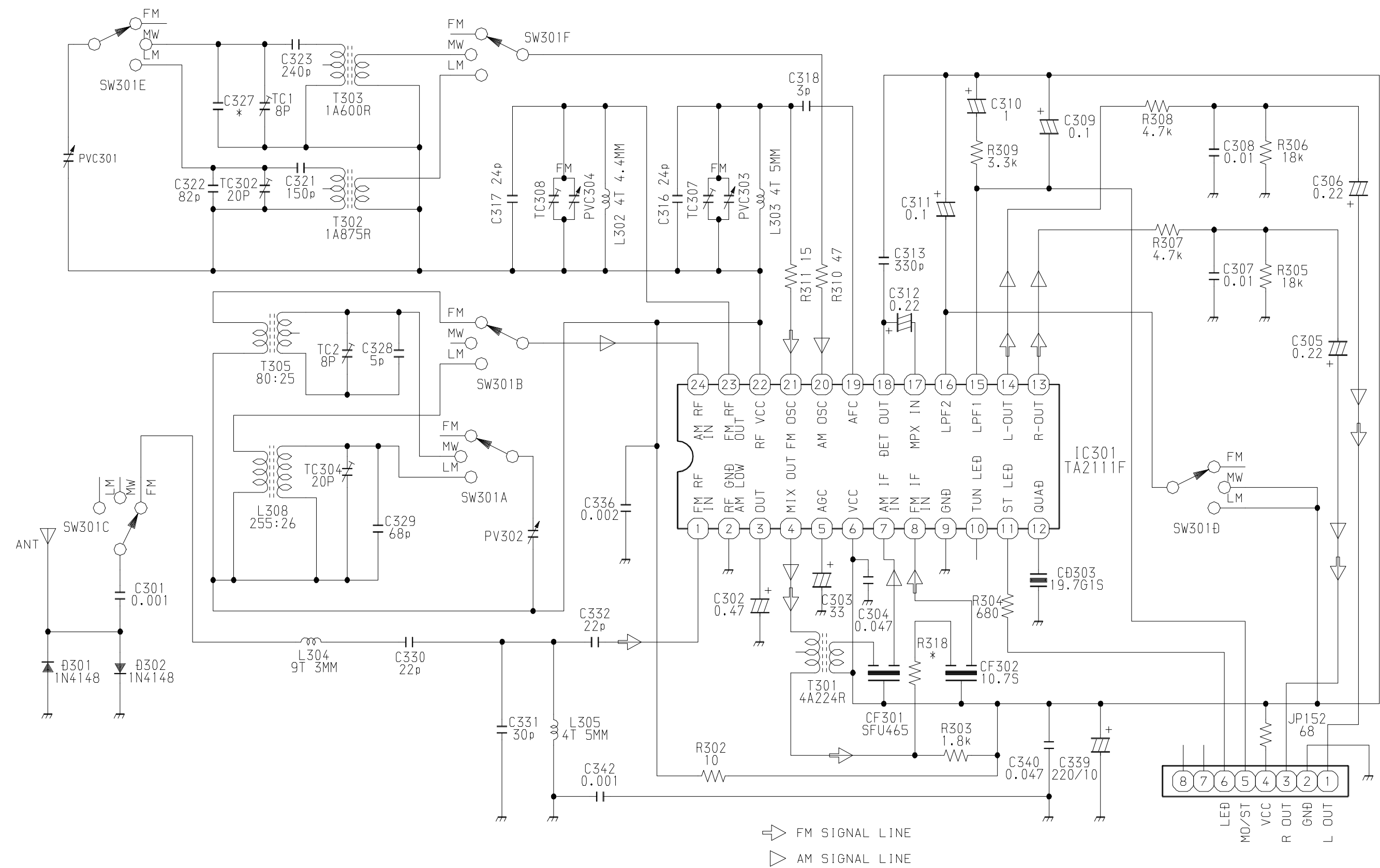
NOTE: The characters in the suffix column indicate the part usage.

EZB	.....	XX	.....	A	.....
EZS	.....	XX	.....	B	.....
REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX	
	8Z-CS1-907-010		IB,SH(ECA)A		.....
	8Z-CS2-906-010		IB,LH(ESP)A		.....
	8Z-CS2-908-010		IB,EZ(9L)A	AB	.....
	8Z-CS2-910-010		IB,V(ER)A		.....

SCHEMATIC DIAGRAM – 1 (MAIN)



SCHEMATIC DIAGRAM – 2 (TUNER)



サービス技術ニュース	
番号	連絡内容
G- ー	
G- ー	
G- ー	

アイワ株式会社
AIWA CO.,LTD.

9620450

Tokyo Japan