

aiwa



Z-HT33

COMPACT DISC STEREO
CASSETTE RECEIVER

• TYPE: K

SIMPLE MANUAL

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

S/M Code No. 09-992-404-1T1

MANUAL
SERVICE

ELECTRICAL MAIN PARTS LIST - 1/7

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

REF.NO	PARTS NO.	DESCRIPTION	SUFFIX
K	XX	XX	A
	KANRI		
	NO.		
*	87-MA5-203-010	GUIDE, FL	A
*	82-MA4-205-010	GUIDE, PLAY	A
C 103	87-010-178-080	CHIP CAP 1000P	A
C 105	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 104	87-010-316-080	C-CAP, S 33P-50 CH	A
C 102	87-010-320-080	CHIP CAP 68P	A
C 101	87-010-320-080	CHIP CAP 68P	A
C 108	87-010-405-040	CAP, E 10-50	A
C 106	87-012-150-080	C-CAP, S 20P-50 CH	A
C 107	87-012-157-080	C-CAP, S 330P-50 CH	A
C 115	87-010-178-080	CHIP CAP 1000P	A
C 112	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 114	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 119	87-010-408-080	CAP, ELECT 47-50V	A
C 116	87-010-493-040	CAP, E 0.47-50 GAS	A
C 117	87-010-498-040	CAP, E 10-16 GAS	A
C 118	87-012-369-080	C-CAP, S 0.047-50F	A
C 113	87-A10-189-040	CAP, E 220-10	A
C 128	87-010-178-080	CHIP CAP 1000P	A
C 122	87-010-178-080	CHIP CAP 1000P	A
C 127	87-010-190-080	S CHIP F 0.01	A
C 126	87-010-194-080	CAP, CHIP 0.047	A
C 124	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 125	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 123	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 121	87-010-421-040	CAP, E 4.7-50 5L	A
C 120	87-010-421-040	CAP, E 4.7-50 5L	A
C 131	87-010-079-040	CAP, E 100-6.3 5L	A
C 130	87-010-194-080	CAP, CHIP 0.047	A
C 180	87-012-157-080	C-CAP, S 330P-50 CH	A
C 201	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 202	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 203	87-010-314-080	C-CAP, S 22P-50V	A
C 281	87-010-198-080	CAP, CHIP 0.022	A
C 282	87-010-198-080	CAP, CHIP 0.022	A
C 385	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 386	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 381	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 384	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 387	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 383	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C 382	87-012-158-080	C-CAP, S 390P-50 CH	A
C 938	87-012-145-080	CAP, CHIP S 270P CH	A
C 945	87-012-145-080	CAP, CHIP S 270P CH	A
C 949	87-012-145-080	CAP, CHIP S 270P CH	A
C 947	87-012-145-080	CAP, CHIP S 270P CH	A
C 943	87-012-145-080	CAP, CHIP S 270P CH	A
C 948	87-012-145-080	CAP, CHIP S 270P CH	A
C 941	87-012-145-080	CAP, CHIP S 270P CH	A
C 944	87-012-145-080	CAP, CHIP S 270P CH	A
C 946	87-012-145-080	CAP, CHIP S 270P CH	A
C 942	87-012-145-080	CAP, CHIP S 270P CH	A
C 950	87-012-145-080	CAP, CHIP S 270P CH	A
C 951	87-012-145-080	CAP, CHIP S 270P CH	A
C 952	87-012-145-080	CAP, CHIP S 270P CH	A
CN	101 87-099-720-010	CONN, 30P TYK-B(P)	A
CN	102 87-A60-162-010	CONN, 14P H FE	A
D 101	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 106	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 102	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 108	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 105	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 104	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 103	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 107	87-A40-270-080	C-DIODE, MC2838	A
D 109	87-A40-509-080	ZENER, MTZJ6.8C	A
D 112	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 116	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 117	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 110	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 111	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 114	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 118	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 201	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 204	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 203	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 202	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 205	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 251	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 304	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 305	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 306	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 317	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 316	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 315	87-020-465-080	DIODE, 1SS133 (110MA)	A
D 322	87-020-465-080	DIODE, 1SS133 (110MA)	A

ELECTRICAL MAIN PARTS LIST - 2/7

D	321	87-020-465-080	DIODE, 1SS133 (110MA)	A
D	325	87-020-465-080	DIODE, 1SS133 (110MA)	A
D	385	87-017-932-080	ZENER, MTJ6.2B	A
D	381	87-020-465-080	DIODE, 1SS133 (110MA)	A
D	383	87-020-465-080	DIODE, 1SS133 (110MA)	A
D	384	87-020-465-080	DIODE, 1SS133 (110MA)	A
D	382	87-020-465-080	DIODE, 1SS133 (110MA)	A
FL	101	82-MA4-604-010	FL, BJ675GK	A
IC	102	87-A20-914-010	IC, SPS-442-1-F	A
IC	101	82-MA4-602-010	C-IC, LC866560W-5K29	A
IC	202	87-017-915-080	IC, BU4094BCF	A
IC	201	87-070-289-040	IC, BU 2092F	A
IC	380	87-A21-023-040	C-IC, BA3835F	A
L	101	87-A50-408-010	COIL, OSC 5.76MHZ	A
LED	101	87-A40-317-080	LED, SLR-342VCT31 RED	A
LED	206	87-A40-317-080	LED, SLR-342VCT31 RED	A
LED	208	87-A40-317-080	LED, SLR-342VCT31 RED	A
LED	207	87-A40-317-080	LED, SLR-342VCT31 RED	A
LED	202	87-A91-052-080	LED, SEL6227S RED	A
LED	204	87-A91-052-080	LED, SEL6227S RED	A
LED	201	87-A91-052-080	LED, SEL6227S RED	A
LED	205	87-A91-052-080	LED, SEL6227S RED	A
LED	203	87-A91-052-080	LED, SEL6227S RED	A
LED	216	87-017-350-080	LED, SEL1550CM	A
LED	217	87-017-350-080	LED, SEL1550CM	A
LED	218	87-017-350-080	LED, SEL1550CM	A
LED	219	87-017-350-080	LED, SEL1550CM	A
LED	226	87-017-350-080	LED, SEL1550CM	A
LED	227	87-017-350-080	LED, SEL1550CM	A
LED	225	87-017-350-080	LED, SEL1550CM	A
LED	220	87-017-350-080	LED, SEL1550CM	A
LED	223	87-017-350-080	LED, SEL1550CM	A
LED	222	87-017-350-080	LED, SEL1550CM	A
LED	224	87-017-350-080	LED, SEL1550CM	A
LED	221	87-017-350-080	LED, SEL1550CM	A
LED	228	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	A
LED	229	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	A
LED	231	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	A
LED	230	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	A
LED	232	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	A
LED	242	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	248	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	249	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	243	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	244	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	245	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	246	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	247	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	241	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	255	87-A40-317-080	LED, SLR-342VCT31 RED	A
LED	254	87-A40-317-080	LED, SLR-342VCT31 RED	A
LED	253	87-A40-317-080	LED, SLR-342VCT31 RED	A
LED	250	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	252	87-A40-496-040	LED, SLR-342MCT31 GRN	A
LED	251	87-A40-496-040	LED, SLR-342MCT31 GRN	A
Q	108	87-A30-073-080	C-TR, RT1N 141C	A
Q	102	87-A30-087-080	C-FET, 2SK2158	A
Q	101	87-A30-087-080	C-FET, 2SK2158	A
Q	103	87-A30-198-080	TR, KTC3199GR	A
Q	107	87-A30-234-080	TR, CSC4115BC	A
Q	141	87-A30-087-080	C-FET, 2SK2158	A
Q	204	87-026-580-080	C-TR, DTA123JK	A
Q	205	87-026-580-080	C-TR, DTA123JK	A
Q	203	87-026-580-080	C-TR, DTA123JK	A
Q	201	87-026-580-080	C-TR, DTA123JK	A
Q	202	87-026-580-080	C-TR, DTA123JK	A
Q	206	87-A30-073-080	C-TR, RT1N 141C	A
Q	207	87-A30-073-080	C-TR, RT1N 141C	A
Q	262	89-112-965-080	TR, 2SA1296 (0.75W)	A
Q	283	87-A30-202-080	C-TR, RT1P441C	A
Q	301	87-A30-075-080	C-TR, 2SA1235F	A
R	301	87-022-355-080	C-RES, S10K-1/10W F	A
R	321	87-022-355-080	C-RES, S10K-1/10W F	A
S	101	87-A90-535-010	SW, RTRY EC16B24304	A
S	102	82-MA4-612-010	SW, RTRY RE0 121SL10-12	A
S	308	87-A90-095-080	SW, TACT EV011G04M	A
S	309	87-A90-095-080	SW, TACT EV011G04M	A
S	302	87-A90-095-080	SW, TACT EV011G04M	A
S	307	87-A90-095-080	SW, TACT EV011G04M	A
S	301	87-A90-095-080	SW, TACT EV011G04M	A
S	305	87-A90-095-080	SW, TACT EV011G04M	A
S	304	87-A90-095-080	SW, TACT EV011G04M	A
S	306	87-A90-095-080	SW, TACT EV011G04M	A
S	303	87-A90-095-080	SW, TACT EV011G04M	A
S	310	87-A90-095-080	SW, TACT EV011G04M	A
S	313	87-A90-095-080	SW, TACT EV011G04M	A
S	312	87-A90-095-080	SW, TACT EV011G04M	A
S	311	87-A90-095-080	SW, TACT EV011G04M	A
S	314	87-A90-095-080	SW, TACT EV011G04M	A
S	324	87-A90-095-080	SW, TACT EV011G04M	A
S	326	87-A90-095-080	SW, TACT EV011G04M	A
S	327	87-A90-095-080	SW, TACT EV011G04M	A

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S	323	87-A90-095-080	SW, TACT	EV011G04M	A
SS	328	87-A90-095-080	SW, TACT	EV011G04M	A
S	325	87-A90-095-080	SW, TACT	EV011G04M	A
S	321	87-A90-095-080	SW, TACT	EV011G04M	A
SS	322	87-A90-095-080	SW, TACT	EV011G04M	A
S	329	87-A90-095-080	SW, TACT	EV011G04M	A
S	332	87-A90-095-080	SW, TACT	EV011G04M	A
S	337	87-A90-095-080	SW, TACT	EV011G04M	A
S	331	87-A90-095-080	SW, TACT	EV011G04M	A
SS	338	87-A90-095-080	SW, TACT	EV011G04M	A
S	333	87-A90-095-080	SW, TACT	EV011G04M	A
S	330	87-A90-095-080	SW, TACT	EV011G04M	A
SS	336	87-A90-095-080	SW, TACT	EV011G04M	A
S	335	87-A90-095-080	SW, TACT	EV011G04M	A
S	334	87-A90-095-080	SW, TACT	EV011G04M	A
SFR	101	87-024-350-080	SFR	2.2K DIA 6H	A
C	5	87-018-209-080	CAP, CER	0.1-50V	A
C	3	87-018-209-080	CAP, CER	0.1-50V	A
C	4	87-018-209-080	CAP, CER	0.1-50V	A
C	6	87-018-209-080	CAP, CER	0.1-50V	A
C	7	87-A10-479-080	CAP, CER	2200P-250 M E KH	A
C	8	87-A10-520-090	CAP, E	3300-35 M SMG	A
C	9	87-A10-520-090	CAP, E	3300-35 M SMG	A
C	1	87-A10-831-080	CAP, E	1000-25 M SMG	A
C	20	87-010-403-080	CAP, ELECT	3.3-50V	A
CN	1	87-A60-851-010	CONN, 9P	V VH	A
D	6	87-017-447-010	DIODE, GBU4DL		A
D	3	87-020-465-080	DIODE, 1SS133	(110MA)	A
D	1	87-020-465-080	DIODE, 1SS133	(110MA)	A
D	2	87-020-465-080	DIODE, 1SS133	(110MA)	A
D	5	87-020-465-080	DIODE, 1SS133	(110MA)	A
D	4	87-020-465-080	DIODE, 1SS133	(110MA)	A
D	9	87-020-465-080	DIODE, 1SS133	(110MA)	A
D	10	87-020-465-080	DIODE, 1SS133	(110MA)	A
PT	2	82-NF8-662-010	PT, SUB	ZNF-8(E)	A
Q	1	87-026-245-080	TR, DTC114ES		A
O	2	87-A30-198-080	TR, KTC3199GR		A
RY	2	87-A90-976-010	RELAY, AC12V	SDT-S-112LMR	A
T	1	87-A60-317-010	TERMINAL, 1P	MSC	A
T	2	87-A60-317-010	TERMINAL, 1P	MSC	A
C	309	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	307	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	302	87-010-318-080	C-CAP, S	47P-50 CH	A
C	301	87-010-318-080	C-CAP, S	47P-50 CH	A
C	306	87-010-854-080	C-CAP, S	560PCH	A
C	305	87-010-854-080	C-CAP, S	560PCH	A
C	303	87-012-157-080	C-CAP, S	330P-50 CH	A
C	304	87-012-157-080	C-CAP, S	330P-50 CH	A
C	316	87-010-181-080	CAP, CHIP	S 1800P	A
C	315	87-010-181-080	CAP, CHIP	S 1800P	A
C	314	87-010-182-080	C-CAP, S	2200P-50 B	A
C	313	87-010-182-080	C-CAP, S	2200P-50 B	A
C	310	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	312	87-010-198-080	CAP, CHIP	0.022	A
C	311	87-010-198-080	CAP, CHIP	0.022	A
C	324	87-010-260-080	CAP, ELECT	47-25V	A
C	325	87-010-370-080	CAP, E	330-6.3 SME	A
C	328	87-010-404-080	CAP, ELECT	4.7-50V	A
C	327	87-010-404-080	CAP, ELECT	4.7-50V	A
C	322	87-012-142-080	CAP, S	0.33-16	A
C	321	87-012-142-080	CAP, S	0.33-16	A
C	339	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	332	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	337	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	335	87-010-401-080	CAP, ELECT	1-50V	A
C	336	87-010-401-080	CAP, ELECT	1-50V	A
C	340	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	354	87-010-175-080	CAP	560P	A
C	359	87-010-183-080	C-CAP, S	2700P-50 B	A
C	358	87-010-183-080	C-CAP, S	2700P-50 B	A
C	357	87-010-197-080	CAP, CHIP	0.01 DM	A
C	356	87-010-260-080	CAP, ELECT	47-25V	A
C	352	87-012-140-080	CAP	470P	A
C	351	87-012-140-080	CAP	470P	A
C	355	87-012-349-080	C-CAP, S	1000P-50 CH	A
C	360	87-010-183-080	C-CAP, S	2700P-50 B	A
C	371	87-010-175-080	CAP	560P	A
C	372	87-010-175-080	CAP	560P	A
C	378	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	370	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	379	87-010-382-080	CAP, ELECT	22-25V	A
C	374	87-016-083-080	C-CAP, S	0.15-16 RK	A
C	373	87-016-083-080	C-CAP, S	0.15-16 RK	A
C	386	87-010-196-080	CHIP CAPACITOR, 0.1-25		A
C	380	87-010-382-080	CAP, ELECT	22-25V	A
C	388	87-012-156-080	C-CAP, S	220P-50 CH	A
C	392	87-010-319-080	C-CAP, S	56P-50 CH	A
C	391	87-010-319-080	C-CAP, S	56P-50 CH	A
C	393	87-010-319-080	C-CAP, S	56P-50 CH	A
C	394	87-010-319-080	C-CAP, S	56P-50 CH	A
CN	301	87-099-827-010	CONN, 3P	S2M-3W	A
CN	351	87-099-832-010	CONN, 8P	S2M-8W	A

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D	352	87-A40-269-080	C-DIODE, MC2836	A
FB	301	87-008-372-080	FILTER, EMI BL OIRNI	A
IC	301	87-A20-455-010	IC, HA12211	A
L	302	87-A50-049-010	COIL, TRAP 85K(COI)	A
L	301	87-A50-049-010	COIL, TRAP 85K(COI)	A
L	351	87-007-342-010	COIL, OSC 85K BIAS	A
Q	359	87-026-610-080	TR, KTC3198GR	A
Q	357	87-026-610-080	TR, KTC3198GR	A
Q	358	87-026-610-080	TR, KTC3198GR	A
Q	356	87-A30-076-080	C-TR, 2SC3052F	A
Q	353	87-A30-087-080	C-FET, 2SK2158	A
Q	351	87-A30-087-080	C-FET, 2SK2158	A
Q	354	87-A30-087-080	C-FET, 2SK2158	A
Q	355	87-A30-105-080	C-TR, RT1P 441C	A
Q	360	87-A30-087-080	C-FET, 2SK2158	A
SFR	351	87-024-356-080	SFR, 47K DIA6 H	A
SFR	352	87-024-356-080	SFR, 47K DIA6 H	A
C	414	87-010-404-080	CAP, ELECT 4.7-50V	A
C	413	87-010-404-080	CAP, ELECT 4.7-50V	A
C	601	87-010-180-080	C-CER 1500P	A
C	602	87-010-180-080	C-CER 1500P	A
C	607	87-010-318-080	C-CAP, S 47P-50 CH	A
C	608	87-010-318-080	C-CAP, S 47P-50 CH	A
C	605	87-010-318-080	C-CAP, S 47P-50 CH	A
C	606	87-010-318-080	C-CAP, S 47P-50 CH	A
C	619	87-010-185-080	C-CAP, S 3900P-50 B	A
C	613	87-016-081-080	C-CAP, S 0.1-16 RK	A
C	614	87-016-081-080	C-CAP, S 0.1-16 RK	A
C	620	87-010-185-080	C-CAP, S 3900P-50 B	A
C	627	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	621	87-010-401-080	CAP, ELECT 1-50V	A
C	622	87-010-401-080	CAP, ELECT 1-50V	A
C	629	87-010-405-080	CAP, ELECT 10-50V	A
C	625	87-010-405-080	CAP, ELECT 10-50V	A
C	626	87-010-405-080	CAP, ELECT 10-50V	A
C	634	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	635	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	630	87-010-213-080	C-CAP, S 0.015-50 B	A
C	633	87-010-263-080	CAP, ELECT 100-10V	A
C	632	87-010-263-080	CAP, ELECT 100-10V	A
C	631	87-010-992-080	C-CAP, S 0.047-25 B	A
C	641	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	662	87-010-318-080	C-CAP, S 47P-50 CH	A
C	661	87-010-318-080	C-CAP, S 47P-50 CH	A
C	663	87-010-318-080	C-CAP, S 47P-50 CH	A
C	664	87-010-318-080	C-CAP, S 47P-50 CH	A
C	900	87-012-140-080	CAP 470P	A
CN	601	87-099-719-010	CONN, 30P TYK-B(X)	A
CN	602	87-A60-131-010	CONN, 6P V FE	A
CN	605	87-A60-189-010	CONN, 16P V TUC-P16P-B1	A
D	601	87-A40-002-080	ZENER, MTZJ5.1C	A
D	602	87-A40-438-080	ZENER, MTZJ4.7A	A
IC	601	87-A21-011-040	C-IC, M62445FP-600D	A
J	603	82-MA2-631-010	JACK PIN 4P RVS	A
Q	601	87-026-609-080	TR, KTA1266GR	A
C	101	87-010-178-080	CHIP CAP 1000P	A
C	102	87-010-178-080	CHIP CAP 1000P	A
C	124	87-010-176-080	C-CAP, S 680P-50 SL	A
C	123	87-010-176-080	C-CAP, S 680P-50 SL	A
C	129	87-010-191-080	C-CAP, S 0.015-50 F	A
C	128	87-012-368-080	C-CAP, S 0.1-50 F	A
C	127	87-012-368-080	C-CAP, S 0.1-50 F	A
C	126	87-012-368-080	C-CAP, S 0.1-50 F	A
C	125	87-012-368-080	C-CAP, S 0.1-50 F	A
C	130	87-010-191-080	C-CAP, S 0.015-50 F	A
C	131	87-010-197-080	CAP, CHIP 0.01 DM	A
C	132	87-010-197-080	CAP, CHIP 0.01 DM	A
C	134	87-010-553-080	CAP, E 47-16	A
C	136	87-012-368-080	C-CAP, S 0.1-50 F	A
L	101	87-003-383-010	COIL, 1UH-S	A
L	102	87-003-383-010	COIL, 1UH-S	A
Q	101	87-A30-257-080	C-TR, 2SD1306E	A
Q	102	87-A30-257-080	C-TR, 2SD1306E	A
Q	127	87-A30-075-080	C-TR, 2SA1235F	A
C	203	87-010-183-080	C-CAP, S 2700P-50 B	A
C	204	87-010-183-080	C-CAP, S 2700P-50 B	A
C	201	87-010-402-080	CAP, ELECT 2.2-50V	A
C	202	87-010-402-080	CAP, ELECT 2.2-50V	A
C	229	87-010-993-080	C-CAP, S 0.056-25 B	A
C	239	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	231	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	232	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	233	87-010-197-080	CAP, CHIP 0.01 DM	A
C	234	87-010-197-080	CAP, CHIP 0.01 DM	A
C	237	87-010-322-080	C-CAP, S 100P-50 CH	A
C	238	87-010-322-080	C-CAP, S 100P-50 CH	A
C	230	87-010-993-080	C-CAP, S 0.056-25 B	A
C	252	87-010-183-080	C-CAP, S 2700P-50 B	A
C	251	87-010-402-080	CAP, ELECT 2.2-50V	A
C	900	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
CN	201	87-A60-739-010	CONN, 13P JL-BT	A
J	203	87-033-240-010	TERMINAL, SP 4P32SV1-05	A

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J	202	87-A60-483-010	JACK, DIA6.3 BLK ST W/S KM	A
J	204	87-A60-752-010	JACK, PIN 4P R/W, O/B	A
L	202	87-003-383-010	COIL, 1UH-S	A
L	201	87-003-383-010	COIL, 1UH-S	A
Q	202	87-A30-257-080	C-TR, 2SD1306E	A
Q	201	87-A30-257-080	C-TR, 2SD1306E	A
Q	223	87-A30-105-080	C-TR, RT1P 441C	A
Q	230	87-A30-257-080	C-TR, 2SD1306E	A
C	801	87-010-176-080	C-CAP, S 680P-50 SL	A
C	802	87-010-176-080	C-CAP, S 680P-50 SL	A
C	809	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	808	87-010-401-080	CAP, ELECT 1-50V	A
C	807	87-010-401-080	CAP, ELECT 1-50V	A
C	806	87-010-958-080	CHIP -CAP, S 0.01-25BJ	A
C	805	87-010-958-080	CHIP -CAP, S 0.01-25BJ	A
C	804	87-010-958-080	CHIP -CAP, S 0.01-25BJ	A
C	803	87-010-958-080	CHIP -CAP, S 0.01-25BJ	A
C	810	87-010-112-080	CAP, ELECT 100-16V	A
C	817	87-010-221-080	CAP, ELECT 470-10V	A
C	813	87-010-401-080	CAP, ELECT 1-50V	A
C	818	87-010-404-080	CAP, ELECT 4.7-50V	A
C	815	87-010-492-080	CAP, E 0.33-50 M 5L SRE	A
C	816	87-010-492-080	CAP, E 0.33-50 M 5L SRE	A
C	814	87-010-494-080	CAP, ELECT GAS 1/50	A
C	811	87-010-495-080	CAP, E2.2-50	A
C	812	87-010-495-080	CAP, E2.2-50	A
C	819	87-A10-800-080	C-CAP, S 6800P-16 J B CM	A
C	825	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	821	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	824	87-010-374-080	CAP, ELECT 47-10V	A
C	820	87-010-374-080	CAP, ELECT 47-10V	A
C	829	87-010-544-080	CAP, ELECT 0.1-50V	A
C	839	87-010-805-080	CAP, S 1-16	A
C	831	87-010-971-080	C-CAP, S 4700P-50 B J	A
C	837	87-010-971-080	C-CAP, S 4700P-50 B J	A
C	830	87-012-142-080	CAP, S 0.33-16	A
C	832	87-012-349-080	C-CAP, S 1000P-50 CH	A
C	838	87-012-349-080	C-CAP, S 1000P-50 CH	A
C	834	87-A11-182-080	C-CAP, S 0.27-16 J B	A
C	835	87-A11-182-080	C-CAP, S 0.27-16 J B	A
C	836	87-A11-183-080	C-CAP, S 0.12-16 J B	A
C	833	87-A11-183-080	C-CAP, S 0.12-16 J B	A
C	840	87-010-401-080	CAP, ELECT 1-50V	A
C	846	87-010-404-080	CAP, ELECT 4.7-50V	A
C	847	87-010-404-080	CAP, ELECT 4.7-50V	A
C	845	87-012-393-080	C-CAP, S 0.22-16 R K	A
C	849	87-012-393-080	C-CAP, S 0.22-16 R K	A
C	848	87-012-393-080	C-CAP, S 0.22-16 R K	A
C	844	87-012-393-080	C-CAP, S 0.22-16 R K	A
C	843	87-A10-229-080	C-CAP, S 0.68-10 K W5	A
C	841	87-A10-799-080	C-CAP, S 5600P-16 J B CM	A
C	842	87-A10-802-080	C-CAP, S 0.047-16 J B CM	A
C	850	87-016-081-080	C-CAP, S 0.1-16 RK	A
C	857	87-016-081-080	C-CAP, S 0.1-16 RK	A
C	854	87-016-081-080	C-CAP, S 0.1-16 RK	A
C	853	87-016-081-080	C-CAP, S 0.1-16 RK	A
C	855	87-A10-801-080	C-CAP, S 0.022-16 J B CM	A
C	856	87-A10-801-080	C-CAP, S 0.022-16 J B CM	A
C	851	87-A10-802-080	C-CAP, S 0.047-16 J B CM	A
C	852	87-A10-802-080	C-CAP, S 0.047-16 J B CM	A
C	866	87-010-194-080	CAP, CHIP 0.047	A
C	861	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	863	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	865	87-012-141-080	CHIP-CAPACITOR, 0.22-16F	A
C	868	87-A10-060-080	C-CAP, S 0.18-16 K B	A
C	878	87-010-401-080	CAP, ELECT 1-50V	A
C	899	87-010-196-080	CHIP CAPACITOR, 0.1-25	A
C	898	87-012-361-080	C-CAP, S 0.056-25 Y	A
D	802	87-070-136-080	ZENER, MTZJ5.1B	A
D	801	87-A40-442-080	ZENER, MTZJ9.1A	A
IC	801	87-A21-097-040	C-IC, M62463AFP	A
IC	831	87-A21-015-040	C-IC, M62491FP	A
J	831	87-A60-746-010	JACK, PIN 6P R/W, R/W, O/B	A
L	801	87-003-383-010	COIL, 1UH-S	A
Q	831	87-A30-086-070	C-TR, CSD1306E	A
R	807	87-022-214-080	C-RES S100K-1/10WF	A
		87-067-579-010	TAPPING SCREW, BVT2+3-8	A
C	3	87-012-368-080	C-CAP, S 0.1-50 F	A
C	5	87-012-368-080	C-CAP, S 0.1-50 F	A
C	6	87-012-368-080	C-CAP, S 0.1-50 F	A
C	4	87-012-368-080	C-CAP, S 0.1-50 F	A
C	1	87-012-369-080	C-CAP, S 0.047-50F	A
C	2	87-012-369-080	C-CAP, S 0.047-50F	A
C	9	87-016-658-090	CAP, E 4700-35 SMG	A
C	10	87-016-658-090	CAP, E 4700-35 SMG	A
C	24	87-010-247-080	CAP, ELECT 100-50V	A
C	29	87-010-247-080	CAP, ELECT 100-50V	A
C	23	87-010-247-080	CAP, ELECT 100-50V	A
C	26	87-010-263-080	CAP, ELECT 100-10V	A
C	22	87-010-406-080	CAP, ELECT 22-50	A
C	21	87-010-406-080	CAP, ELECT 22-50	A
C	25	87-010-430-080	CAP, ELECT 100-63	A

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C	27	87-012-140-080	CAP 470P	A.....
C	30	87-010-112-080	CAP, ELECT 100-16V	A.....
C	31	87-010-235-080	CAP, E 470-16 SME	A.....
C	61	87-010-260-080	CAP, ELECT 47-25V	A.....
C	62	87-010-496-080	CAP, E 3.3-50 5L	A.....
CN	1	87-A60-739-010	CONN, 13P JL-BT	A.....
CNA	1	8Z-MA4-623-010	CONN ASSY, 9P 480 VH	A.....
D	1	87-017-654-060	DIODE, GBU6J	A.....
D	9	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	8	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	6	87-070-274-080	DIODE, 1N4003 SEM	A.....
D	4	87-070-274-080	DIODE, 1N4003 SEM	A.....
D	3	87-070-274-080	DIODE, 1N4003 SEM	A.....
D	5	87-070-274-080	DIODE, 1N4003 SEM	A.....
D	7	87-A40-435-080	ZENER, MTZJ30D	A.....
D	10	87-A40-345-080	ZENER, MTZJ10C	A.....
D	64	87-070-274-080	DIODE, 1N4003 SEM	A.....
D	63	87-A40-004-080	ZENER, MTZJ16A	A.....
D	62	87-A40-269-080	C-DIODE, MC2836	A.....
D	61	87-A40-270-080	C-DIODE, MC2838	A.....
Q	1	87-026-609-080	TR, KTA1266GR	A.....
Q	2	87-026-609-080	TR, KTA1266GR	A.....
Q	5	87-026-610-080	TR, KTC3198GR	A.....
Q	8	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	7	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	6	87-A30-234-080	TR, CSC4115BC	A.....
Q	9	87-A30-234-080	TR, CSC4115BC	A.....
Q	64	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	66	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	65	87-A30-234-080	TR, CSC4115BC	A.....
Q	63	87-A30-234-080	TR, CSC4115BC	A.....
Q	67	87-A30-234-080	TR, CSC4115BC	A.....
WH	1	87-A90-510-010	HLDR, WIRE 2.5-9P	A.....
C	451	87-010-401-080	CAP, ELECT 1-50V	A.....
C	452	87-010-401-080	CAP, ELECT 1-50V	A.....
C	102	87-010-544-080	CAP, ELECT 0.1-50V	A.....
C	101	87-010-544-080	CAP, ELECT 0.1-50V	A.....
C	205	87-010-186-080	CAP, CHIP 4700P	A.....
C	206	87-010-186-080	CAP, CHIP 4700P	A.....
C	209	87-010-322-080	C-CAP, S 100P-50 CH	A.....
C	208	87-010-403-080	CAP, ELECT 3.3-50V	A.....
C	207	87-010-403-080	CAP, ELECT 3.3-50V	A.....
C	204	87-010-546-080	CAP, ELECT 0.33-50V	A.....
C	203	87-010-546-080	CAP, ELECT 0.33-50V	A.....
C	211	87-010-260-080	CAP, ELECT 47-25V	A.....
C	212	87-010-260-080	CAP, ELECT 47-25V	A.....
C	210	87-010-322-080	C-CAP, S 100P-50 CH	A.....
C	219	87-012-368-080	C-CAP, S 0.1-50 F	A.....
C	213	87-A10-812-080	C-CAP, S 220P-200 J CH	A.....
C	214	87-A10-812-080	C-CAP, S 220P-200 J CH	A.....
C	222	87-010-178-080	CHIP CAP 1000P	A.....
C	221	87-010-178-080	CHIP CAP 1000P	A.....
C	220	87-012-368-080	C-CAP, S 0.1-50 F	A.....
C	299	87-010-197-080	CAP, CHIP 0.01 DM	A.....
C	305	87-010-184-080	CHIP CAPACITOR 3300P(K)	A.....
C	306	87-010-184-080	CHIP CAPACITOR 3300P(K)	A.....
C	309	87-010-322-080	C-CAP, S 100P-50 CH	A.....
C	308	87-010-403-080	CAP, ELECT 3.3-50V	A.....
C	307	87-010-403-080	CAP, ELECT 3.3-50V	A.....
C	303	87-010-404-080	CAP, ELECT 4.7-50V	A.....
C	304	87-010-404-080	CAP, ELECT 4.7-50V	A.....
C	314	87-010-260-080	CAP, ELECT 47-25V	A.....
C	313	87-010-260-080	CAP, ELECT 47-25V	A.....
C	310	87-010-322-080	C-CAP, S 100P-50 CH	A.....
C	319	87-012-368-080	C-CAP, S 0.1-50 F	A.....
C	311	87-A10-596-080	C-CAP, S 100P-100 J CH	A.....
C	312	87-A10-596-080	C-CAP, S 100P-100 J CH	A.....
C	321	87-010-186-080	CAP, CHIP 4700P	A.....
C	322	87-010-186-080	CAP, CHIP 4700P	A.....
C	320	87-012-368-080	C-CAP, S 0.1-50 F	A.....
C	405	87-010-184-080	CHIP CAPACITOR 3300P(K)	A.....
C	409	87-010-322-080	C-CAP, S 100P-50 CH	A.....
C	407	87-010-403-080	CAP, ELECT 3.3-50V	A.....
C	403	87-010-404-080	CAP, ELECT 4.7-50V	A.....
C	413	87-010-260-080	CAP, ELECT 47-25V	A.....
C	419	87-012-368-080	C-CAP, S 0.1-50 F	A.....
C	411	87-A10-946-080	C-CAP, S 220P-100 J CH	A.....
C	421	87-010-186-080	CAP, CHIP 4700P	A.....
CN	101	87-A60-727-010	CONN, 13P JL-R	A.....
CN	102	87-A60-727-010	CONN, 13P JL-R	A.....
D	201	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	206	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	205	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	202	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	209	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	208	87-A40-488-080	DIODE, 1SS244	A.....
D	207	87-A40-488-080	DIODE, 1SS244	A.....
D	212	87-020-331-080	CHIP-DIODE, DAN202K	A.....
D	210	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	296	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	298	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	297	87-020-465-080	DIODE, 1SS133 (110MA)	A.....

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D	295	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	299	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	302	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	306	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	305	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	301	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	309	87-A40-488-080	DIODE, 1SS244	A.....
D	312	87-020-331-080	CHIP-DIODE, DAN202K	A.....
D	310	87-A40-488-080	DIODE, 1SS244	A.....
D	409	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	405	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	401	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	411	87-A40-488-080	DIODE, 1SS244	A.....
Q	206	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	205	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	203	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	204	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	209	87-A30-190-080	TR, CC5551	A.....
Q	207	87-A30-268-040	C-TR, 2SA1514K(S)	A.....
Q	202	87-A30-268-040	C-TR, 2SA1514K(S)	A.....
Q	208	87-A30-268-040	C-TR, 2SA1514K(S)	A.....
Q	201	87-A30-268-040	C-TR, 2SA1514K(S)	A.....
Q	210	87-A30-190-080	TR, CC5551	A.....
Q	223	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	225	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	226	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	224	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	221	87-A30-106-070	C-TR, CMBT5551	A.....
Q	222	87-A30-106-070	C-TR, CMBT5551	A.....
Q	298	87-A30-268-040	C-TR, 2SA1514K(S)	A.....
Q	301	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	307	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	302	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	308	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	304	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	306	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	303	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	305	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	317	87-A30-119-080	C-TR, 2SC3906K R	A.....
Q	318	87-A30-119-080	C-TR, 2SC3906K R	A.....
Q	311	87-A30-190-080	TR, CC5551	A.....
Q	312	87-A30-190-080	TR, CC5551	A.....
Q	325	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	324	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	323	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	326	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	401	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	407	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	405	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	403	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	417	87-A30-119-080	C-TR, 2SC3906K R	A.....
Q	411	87-A30-190-080	TR, CC5551	A.....
Q	423	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	425	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	506	87-A30-074-080	C-TR, RT1P 141C	A.....
Q	507	87-A30-268-040	C-TR, 2SA1514K(S)	A.....
Q	601	87-A30-074-080	C-TR, RT1P 141C	A.....
Q	602	87-A30-268-040	C-TR, 2SA1514K(S)	A.....
R	226	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	225	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	227	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	228	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	239	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	242	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	325	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	326	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	327	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	328	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	339	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	340	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	429	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	427	87-A00-258-080	RES, M/F 0.22-1W J	A.....
R	441	87-A00-258-080	RES, M/F 0.22-1W J	A.....
TH	201	87-A91-042-080	C-THMS, 100K 55001	A.....
TH	202	87-A91-042-080	C-THMS, 100K 55001	A.....
TH	301	87-A91-042-080	C-THMS, 100K 55001	A.....
TH	302	87-A91-042-080	C-THMS, 100K 55001	A.....
TH	401	87-A91-042-080	C-THMS, 100K 55001	A.....

ELECTRICAL MAIN PARTS LIST - 1/3 (TUNER: ZZA-1)

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

ZRDS	REF.NO	PARTS NO.	XX KANRI NO.	DESCRIPTION	SUFFIX
C	701	87-010-381-080	0E	CAP, ELECT 330-16V	ABCDEFGH
C	702	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABCDEFGH
C	711	87-010-260-080	0E	CAP, ELECT 47-25V	ABCD.FGH
C	711	87-010-553-080	0E	CAP, E 47-16	E
C	712	87-010-831-080	0E	C-CAP, U 0.1-16F	ABCDEFGH
C	718	87-012-179-080	0E	C-CAP, U 20P-50 CH	.BCD
C	727	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	ABCDEFGH
C	728	87-010-248-080	0E	CAP, ELECT 220-10V	ABCDEFGH
C	721	87-012-176-080	0E	CAP 15P	ABCDEFGH
C	722	87-012-176-080	0E	CAP 15P	ABCDEFGH
C	720	87-012-195-080	0E	C-CAP, U 100P-50CH	ABCDEFGH
C	729	87-012-274-080	0E	CHIP CAP, U 1000P-50B	ABCDEFGH
C	725	87-018-131-080	0E	CAP, CER 1000P-50V	FG
C	805	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	806	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
CN	701	87-A60-650-010	1A	CONN, 16P H GRY TUC-P16X-C1	F
CN	701	87-A60-700-010	0E	CONN, 13P H GRY TUC-P13X-C1	ABCDE.GH
D	721	87-017-149-080	0E	ZENER, HZS6A2L	.BCDEFGH
D	722	87-020-465-080	0E	DIODE, 1SS133 (110MA)	FG
D	721	87-A40-234-080	0E	ZENER, MTZJ5.6A	A
IC	721	87-070-127-110	1C	IC, LC72131 D	ABCDEFGH
Q	713	87-A30-072-080	0E	C-TR, RT1P 144C	E
Q	712	87-A30-072-080	0E	C-TR, RT1P 144C	E
Q	711	87-A30-196-080	0E	TR, 2SC4115SRS	A
Q	711	87-A30-234-080	0E	TR, CSC4115BC	.BCDEFGH
X	721	87-A70-061-010	1A	VIB, XTAL 4.500MHZ CSA-309	ABCDEFGH
C	872	87-010-400-080	0E	CAP, ELECT 0.47-50V	AB....H
C	873	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB....H
C	877	87-012-278-080	0E	C-CAP, U 2200P-50 B	AB....H
C	878	87-012-278-080	0E	C-CAP, U 2200P-50 B	AB....H
C	889	87-010-248-080	0E	CAP, ELECT 220-10V	AB....H
C	884	87-010-260-080	0E	CAP, ELECT 47-25V	AB....H
C	883	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB....H
C	885	87-010-545-080	0E	CAP, ELECT 0.22-50V	A....H
C	886	87-010-545-080	0E	CAP, ELECT 0.22-50V	A....H
C	888	87-010-787-080	0E	CAP, U 0.022-25	AB....H
C	881	87-012-141-080	0E	CHIP-CAPACITOR, 0.22-16F	AB....H
C	882	87-012-172-080	0E	CAPACITOR CHIP, U 10P CH	AB....H
C	887	87-012-286-080	0E	CAP, U 0.01-25	AB....H
C	886	87-016-460-080	0E	C-CAP, S 0.22-16 B	.B
C	885	87-016-460-080	0E	C-CAP, S 0.22-16 B	.B
IC	871	87-070-060-040	1F	IC, TA2040AF	AB....H
Q	873	87-026-226-080	0E	CHIP-TR, DTA143EK	AB....H
X	891	87-030-394-010	1B	VIB, CER CSA3.6MGF228	AB....H
C	705	87-010-213-080	0E	C-CAP, S 0.015-50 B	....
C	706	87-010-213-080	0E	C-CAP, S 0.015-50 B	....
C	705	87-A10-592-080	0E	C-CAP, S 0.015-50 J B	.BCDE
C	706	87-A10-592-080	0E	C-CAP, S 0.015-50 J B	.BCDE
C	737	87-010-180-080	0E	C-CER 1500P	....
C	734	87-010-180-080	0E	C-CER 1500P	....
C	733	87-010-180-080	0E	C-CER 1500P	....
C	738	87-010-180-080	0E	C-CER 1500P	....
C	735	87-010-213-080	0E	C-CAP, S 0.015-50 B	....
C	736	87-010-213-080	0E	C-CAP, S 0.015-50 B	....
C	736	87-010-987-080	0E	C-CAP, S 1500P-50 CH	.BCDE
C	734	87-010-987-080	0E	C-CAP, S 1500P-50 CH	.BCDE
C	733	87-010-987-080	0E	C-CAP, S 1500P-50 CH	.BCDE
C	735	87-010-987-080	0E	C-CAP, S 1500P-50 CH	.BCDE
C	733	87-012-280-080	0E	CAP, U 3300P-50	FG
C	734	87-012-280-080	0E	CAP, U 3300P-50	FG
C	737	87-A10-592-080	0E	C-CAP, S 0.015-50 J B	.BCDE
C	738	87-A10-592-080	0E	C-CAP, S 0.015-50 J B	.BCDE
C	752	87-010-220-080	0E	C-CAP, S 0.018-25 B	.B..E
C	751	87-010-220-080	0E	C-CAP, S 0.018-25 B	.B..E
C	758	87-012-167-080	0E	C-CAP, U 5P-50 CH	ABCDEFGH
C	757	87-012-188-080	0E	C-CAP, U 47P-50 CH	ABCDEFGH
C	753	87-012-195-080	0E	C-CAP, U 100P-50CH	FG
C	752	87-012-282-080	0E	CAP, U 4700P-50	FG
C	756	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	752	87-012-365-080	0E	C-CAP, S 0.027-25VBK	..CD
C	751	87-012-365-080	0E	C-CAP, S 0.027-25VBK	..CD
C	766	87-010-197-080	0E	CAP, CHIP 0.01 DM	FG
C	769	87-010-260-080	0E	CAP, ELECT 47-25V	ABCDEFGH
C	765	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	768	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	764	87-012-337-080	0E	C-CAP, U 56P-50 CH	ABCDE..H
C	774	87-010-263-080	0E	CAP, ELECT 100-10V	ABCDEFGH
C	771	87-010-383-080	0E	CAP, ELECT 33-25V	ABCDEFGH
C	777	87-010-400-080	0E	CAP, ELECT 0.47-50V	ABCDE..H
C	775	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABCDEFGH
C	777	87-010-493-040	0E	CAP, E 0.47-50 GAS	....
C	777	87-010-493-080	0E	CAP, E 0.47-50 GAS	FG
C	770	87-010-829-080	0E	CAP, U 0.047-16	ABCDEFGH
C	780	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	ABCDEFGH
C	785	87-010-401-080	0E	CAP, ELECT 1-50V	ABCDEFGH
C	786	87-010-401-080	0E	CAP, ELECT 1-50V	ABCDEFGH

ELECTRICAL MAIN PARTS LIST - 2/3 (TUNER: ZZA-1)

C	786	87-010-405-080	0E	CAP, ELECT 10-50V	ABCDEFGH
C	785	87-010-405-080	0E	CAP, ELECT 10-50V	ABCDEFGH
C	786	87-010-494-080	0E	CAP ELECT GAS 1/50	E
C	785	87-010-494-080	0E	CAP ELECT GAS 1/50	E
C	788	87-012-275-080	0E	C-CAP, U 1200P-50 B	ABCDEFGH
C	787	87-012-275-080	0E	C-CAP, U 1200P-50 B	ABCDEFGH
C	784	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	796	87-010-403-080	0E	CAP, ELECT 3.3-50V	ABCDEFGH
C	794	87-010-406-080	0E	CAP, ELECT 22-50	ABCDEFGH
C	795	87-010-596-080	0E	CAP, S 0.047-16	CDEFG
C	793	87-012-273-080	0E	C-CAP, U 820P-50 B	ABCDEFGH
C	797	87-012-276-080	0E	CAP, CHIP SS 1500 PBK	A.....FGH
C	798	87-012-276-080	0E	CAP, CHIP SS 1500 PBK	A.....FGH
D	771	87-020-465-080	0E	DIODE, 1SS133 (110MA)	ABCDEFGH
D	773	87-A40-291-080	0E	DIODE, 1N4148 (CPT)	.....
IC	771	87-A20-913-010	1D	IC, LA1837NL	ABCDEFGH
L	771	87-A50-266-010	1A	COIL, FM DET-2N(TOK)	ABCDEFGH
L	772	87-A90-052-010	1C	FLTR, CFMT-450A(TOK)	E
L	772	87-A90-053-010	1C	FLTR, PCFMT-060(TOK)	AB.....H
L	772	87-A90-733-010	1A	FLTR, PCFAZH-450 (TOK)	.....
L	772	87-A91-110-010	1B	FLTR, PCFJZH-450 (TOK)	..CD..FG
L	781	87-005-847-080	0E	COIL, 2.2UH(CECS)	FG
L	791	87-A50-027-010	1A	COIL, 1 POLE MPX(TOK)	FG
L	792	87-A50-027-010	1A	COIL, 1 POLE MPX(TOK)	FG
X	771	87-030-354-010	1A	VIB, CF BFU 450C	E
C	859	87-012-286-080	0E	CAP, U 0.01-25	F
C	865	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	F
C	866	87-010-405-080	0E	CAP, ELECT 10-50V	F
C	864	87-010-405-080	0E	CAP, ELECT 10-50V	F
C	869	87-012-180-080	0E	C-CAP, U 22P-50 CH	F
C	868	87-012-184-080	0E	C-CAP, U 33P-50 CH	F
C	862	87-012-199-080	0E	CAP, 220P	F
C	861	87-012-199-080	0E	CAP, 220P	F
C	863	87-012-270-080	0E	CAP, U 470P-50	F
C	867	87-012-286-080	0E	CAP, U 0.01-25	F
IC	851	87-A20-440-040	1H	C-IC, BU1920FS	F
L	851	87-005-847-080	0E	COIL, 2.2UH(CECS)	F
Q	853	87-A30-076-080	0E	C-TR, 2SC3052F	F
X	851	87-A70-091-010	1B	VIB, XTAL 4.332MHZ CSA-309	F
C	801	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	809	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	802	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	803	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	804	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	808	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	807	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	810	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	820	87-010-260-080	0E	CAP, ELECT 47-25V	ABCDEFGH
C	893	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	894	87-012-286-080	0E	CAP, U 0.01-25	ABCDEFGH
C	942	87-012-168-080	0E	C-CAP, U 6P-50 CH	FG
C	942	87-012-172-080	0E	CAPACITOR CHIP U 10P CH	.....
C	941	87-012-180-080	0E	C-CAP, U 22P-50 CH	E
C	944	87-014-049-080	0E	CAP, PP 470P-100 J	.....
C	944	87-014-051-080	0E	CAPACITOR (PP), 560P	E
C	949	87-A10-039-080	0E	C-CAP, U 470P-50 J CH	FG
C	958	87-010-197-080	0E	CAP, CHIP 0.01 DM	FG
C	956	87-010-263-080	0E	CAP, ELECT 100-10V	E
C	959	87-010-831-080	0E	C-CAP, U 0.1-16F	EFG
C	954	87-012-358-080	0E	C-CAP, S 0.47-10 F Z	E
C	950	87-014-073-080	0E	CAP, PP 4700P-100 J	E
C	963	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	ABCDEFGH
C	962	87-010-401-080	0E	CAP, ELECT 1-50V	FG
C	964	87-012-170-080	0E	C-CAP, U 8P-50 CH	A.....
C	961	87-012-174-080	0E	CAP CHIP CERA SS 12P CHJ	..BCD...H
C	960	87-012-350-080	0E	C-CAP, 1-25 F	E
CF	802	82-785-747-010	1A	CF MS2 GHY R	FG
CF	802	87-008-261-010	1A	FILTER, SFE10.7MA5-A	ABCDE...H
CF	801	87-008-261-010	1A	FILTER, SFE10.7MA5-A	ABCDE...H
CF	801	87-008-423-010	1A	CERAMIC FILTER, SFE10.7	FG
D	944	87-020-465-080	0E	DIODE, 1SS133 (110MA)	EFG
D	942	87-A40-270-080	0E	C-DIODE, MC2838	FG
D	981	87-A40-618-080	1B	VARI-CAP, SVC 348(S/T)	E
FFE	801	A8-6ZA-190-030	0E	6ZA-1 FEUNM	.....
FFE	801	A8-6ZA-191-130		6ZA-1 FEENM	FG
FFE	801	A8-6ZA-192-030	2Y	6ZA-1 FEJNM	..B.....
FFE	801	A8-6ZA-193-130		6ZA-1 FEVNM	.....
FFE	801	A8-6ZA-199-170		6ZA-1 FEENC	.....
FFE	801	A8-6ZA-19A-070		6ZA-1 FEJNC	.....
FFE	801	A8-6ZA-19D-070	1H	6ZA-1 YFEJNC	A.....H
FFE	801	A8-8ZA-190-030		8ZA-1 FEUNM	..C.E.....
FFE	801	A8-8ZA-192-070		8ZA-1 FEUNC	.....
FFE	801	A8-8ZA-193-070	1E	8ZA-1 YFEUNC	..D.....
J	801	87-033-241-010	1B	TERMINAL, ANT AJ-2039	FG
J	801	87-A60-702-010	1B	TERMINAL, ANT 4P CJ-9036	ABCD...H
J	801	87-A60-703-010	1A	TERMINAL, ANT 3P CJ-9037	E
J	940	81-754-629-010	0E	CONNECTOR, 2P	E
L	832	87-005-847-080	0E	COIL, 2.2UH(CECS)	FG
L	943	87-005-372-080	0E	COIL, S 1MHM	.....
L	942	87-A50-019-010	0E	COIL, OSC LW(COI)	FG
L	941	87-A50-020-010	0E	COIL, ANT LW(COI)	FG
L	941	87-A50-022-010	0E	COIL, ANT SW(COI)	E

ELECTRICAL MAIN PARTS LIST - 3/3 (TUNER: ZZA-1)

L	944	87-A50-159-010	0E	COIL, 10MH K C2B	E.....
L	942	87-A50-173-010	0E	COIL, OSC SW-N(COI)	E.....
L	943	87-A50-432-010	0E	COIL, 1MH K CW	E.....
L	981	87-A50-430-010	0E	COIL, ANT MW(3BSW)	E.....
L	982	87-A50-431-010	0E	COIL, OSC MW(3BSW)	E.....
L	981	87-NF4-650-010	1D	COIL, AM PACK 4N(TOK)	A.....
L	981	87-NF4-651-010	1C	COIL, AM PACK2N(TOM)	.....
L	981	88-NF8-625-110	1D	COIL, AM PACK3N(TOK)	.....
L	981	8Z-ZA1-664-010	1D	COIL, AM PACK 4(TOK)	.BCD...H.....
L	981	8Z-ZA1-665-010	1E	COIL, AM PACK 2(TOK)	FG.....
Q	712	87-A30-072-080	0E	C-TR, RT1P 144C	ABCD.FGH.....
Q	805	89-327-143-080	0E	TR, 2SC2714 (0.1W)	ABCDEF.GH.....
Q	942	87-A30-075-080	0E	C-TR, 2SA1235F	E.....
Q	943	87-A30-075-080	0E	C-TR, 2SA1235F	E.....
Q	949	87-A30-076-080	0E	C-TR, 2SC3052F	E.....
Q	945	87-A30-076-080	0E	C-TR, 2SC3052F	E.....
Q	944	87-A30-076-080	0E	C-TR, 2SC3052F	E.....
Q	948	87-A30-086-070	0E	C-TR, CSD1306E	EFG.....
Q	947	89-503-602-080	1A	C-FET, 2SK360E	E.....
Q	947	89-505-434-540	0E	C-FET, 2SK543(4/5)	FG.....
Q	951	87-A30-074-080	0E	C-TR, RT1P 141C	EFG.....
TC	942	87-011-164-010	0E	CAPACITOR, TRIMMER 30P	FG.....
TC	941	87-011-173-010	1A	CERAMIC TRIMMER 20P	.....
TC	941	87-011-220-080	1A	TRIMMER CAP 20P VTC	E.....
TC	943	87-011-221-080	1A	CAP, TRIMMER 30P	E.....

MECHANICAL PARTS LIST - 1/1

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

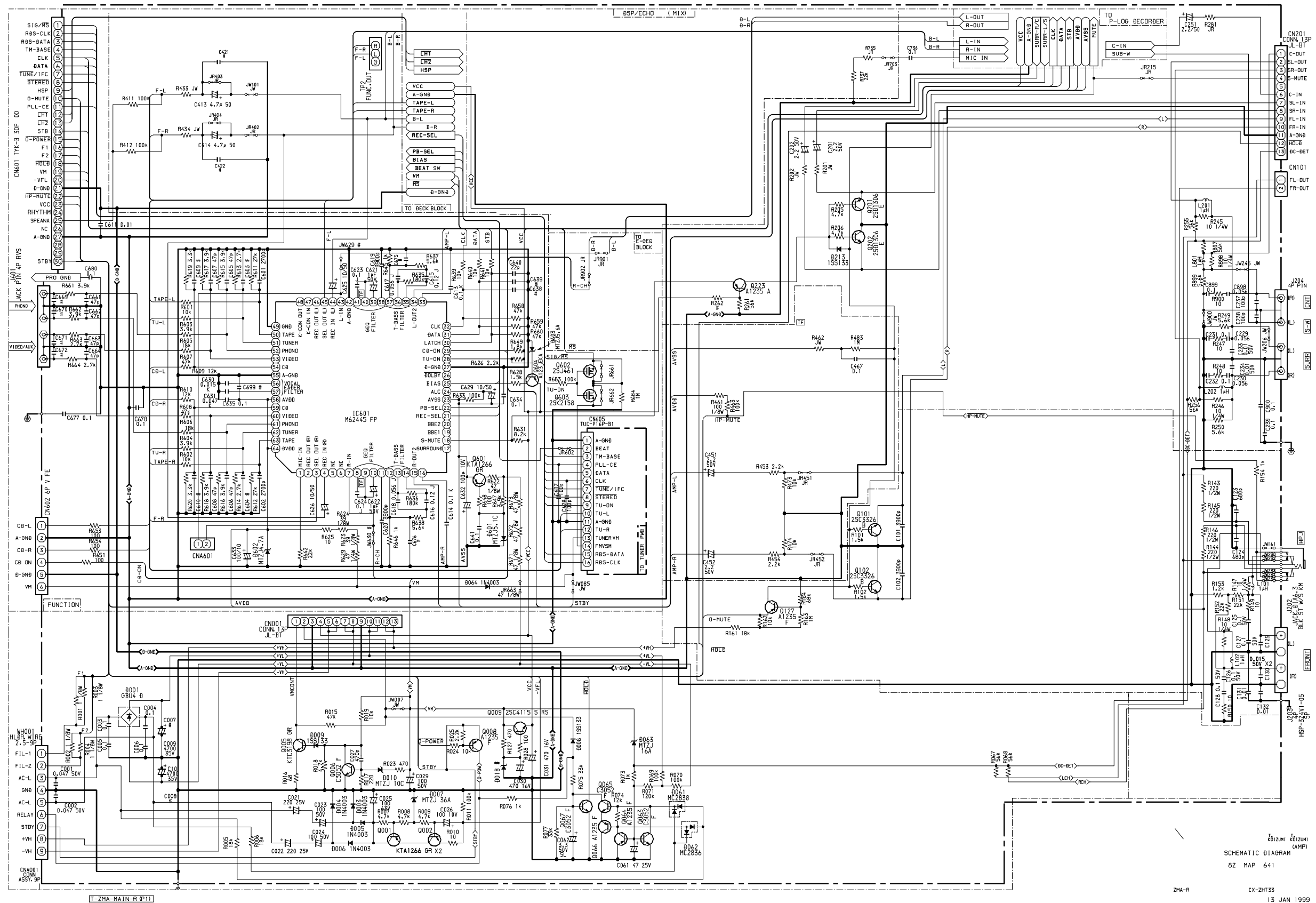
REF.NO	PARTS NO.	DESCRIPTION	SUFFIX
K	82-NE6-067-010	BADGE, AIWA 30N	A
	88-MA3-015-010	PANEL, TOP 3	A
	8Z-MA4-006-010	BOX, CASS L	A
	8Z-MA4-007-010	BOX, CASS R	A
	8Z-MA4-028-010	PANEL, SIDE L	A
	8Z-MA4-029-010	PANEL, SIDE R	A
	8Z-MAR-003-010	CABI, FR EZ	A
	8Z-MAR-017-010	CABI, REAR K(24)	A
	8Z-MA4-030-010	KEY, POWER	A
	8Z-MA4-033-010	KEY, FUN	A
	8Z-MA4-035-010	KEY, CLOCK	A
	8Z-MA4-036-010	KEY, GEO	A
	8Z-MA4-037-010	KEY, ENTER	A
	8Z-MA4-038-010	KEY, CASS L	A
	8Z-MA4-039-010	KEY, CASS R	A
	8Z-MA4-041-010	KNOB, RTRY VOL	A
	8Z-MA4-042-010	KNOB, RTRY JOG	A
	8Z-MA4-046-010	KEY, ASSY PLAY	A
	8Z-MA4-051-010	REFLECTOR, POWER	A
	8Z-MAR-014-010	KEY, RDS (PRO)	A
	8Z-MAR-015-010	KEY, PRO	A
	81-532-080-010	LABEL, CASS. COMPT	A
	86-MA3-042-010	WINDOW, TOP	A
	8Z-MA4-017-010	PANEL, TRAY	A
	8Z-MA4-025-010	WINDOW, CASS L	A
	8Z-MA4-026-010	WINDOW, CASS R	A
	8Z-MA4-027-010	WINDOW, CD	A
	8Z-MA4-043-010	REFLECTOR, FUN	A
	8Z-MA4-044-010	REFLECTOR, JOG	A
	8Z-MAR-008-010	WINDOW, AMP EZ	A
	84-ZG1-245-210	CAP, OPTICAL	A
	83-MA2-205-110	SRR-T, EJECT	A
	86-NFZ-231-010	DMPR, 70	A
	87-064-185-010	HLDR, WIRE	A
	87-MA3-062-010	FOOT, H17	A
	87-NF4-221-010	HLDR, CABLE	A
	88-MA1-207-010	HLDR, PWB	A
	88-MA1-208-110	JOINT, CABI	A
	87-067-579-010	TAPPING SCREW, BVT2+3-8	A
	87-067-641-010	UTT2+3-8(W/O SLOT)BL	A
	87-067-688-010	BVTT+3-6	A
	87-067-703-010	TAPPING SCREW, BVT2+3-10	A
	87-067-758-010	BVT2+3-12 W/O SLOT	A
	87-067-975-010	S-SCREW, IT+4-8	A
	87-078-060-010	BVIT3PB+3-10	A
	87-591-095-410	TAPPING SCREW, QIT+3-8 (GLD)	A
	87-NF4-224-010	S-SCREW, IT3B+3-8 CU	A
	87-050-079-010	AC-CORD ASSY, E	A
	87-085-185-010	BUSHING, AC CORD (E)	A
	87-099-811-010	PLUG, ADPTR CONV(K)	A
	88-906-301-110	FF-CABLE, 6P-1.25	A
	88-914-231-110	FF-CABLE 14P 1.25	A
PT	101	8Z-MAR-610-010	PT, ZMA-R K
Q	101	89-213-702-010	TR, 2SB1370 (1.8W)
Q	219	87-A30-097-010	TR, FN 1016
Q	214	87-A30-098-010	TR, FP 1016
Q	213	87-A30-098-010	TR, FP 1016
Q	220	87-A30-097-010	TR, FN 1016
Q	313	87-A30-108-010	TR, 2SB1626
Q	314	87-A30-108-010	TR, 2SB1626
Q	316	87-A30-109-010	TR, 2SD 2495
Q	315	87-A30-109-010	TR, 2SD 2495
Q	413	87-A30-108-010	TR, 2SB1626
Q	415	87-A30-109-010	TR, 2SD 2495
		87-067-579-010	TAPPING SCREW, BVT2+3-8
WH	1	87-A90-510-010	HLDR, WIRE 2.5-9P

ACCESSORIES / PACKAGE LIST - 1/1

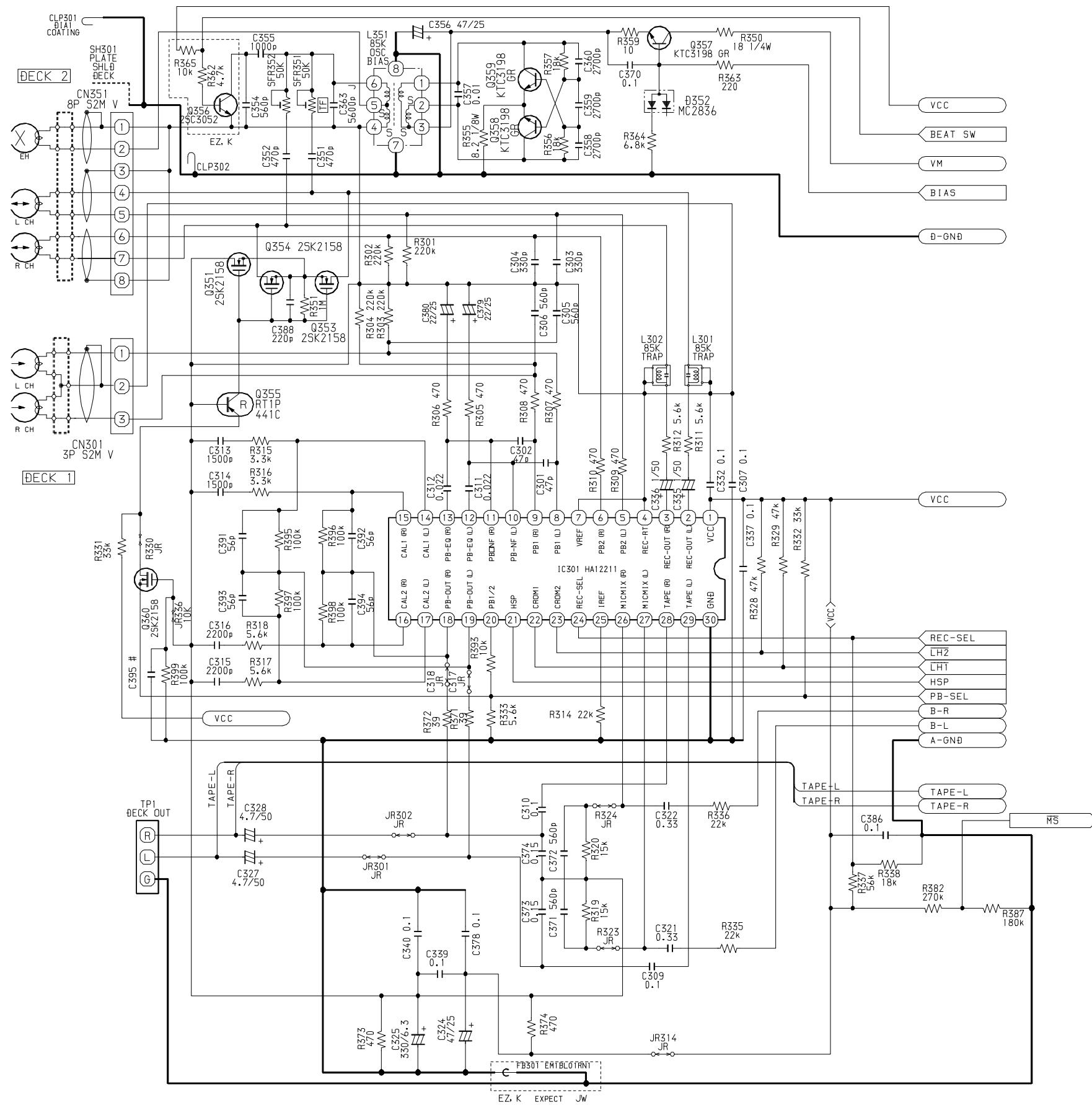
NOTE: The characters in the suffix column indicate the part usage.

K	XX.....	A.....
REF.NO	PARTS NO.	SUFFIX
	NO.	
8Z-MAR-905-010	IB, K(E)M	A.....
87-043-106-010	WIRE FM ANT (Z)	A.....
87-A90-030-010	ANT, LOOP AM-NC C	A.....
8Z-NFW-702-010	RC UNIT, ZAS10	A.....

SCHEMATIC DIAGRAM – 1 (MAIN 1/3: AMP)



SCHEMATIC DIAGRAM – 2 (MAIN 2/3: DECK)

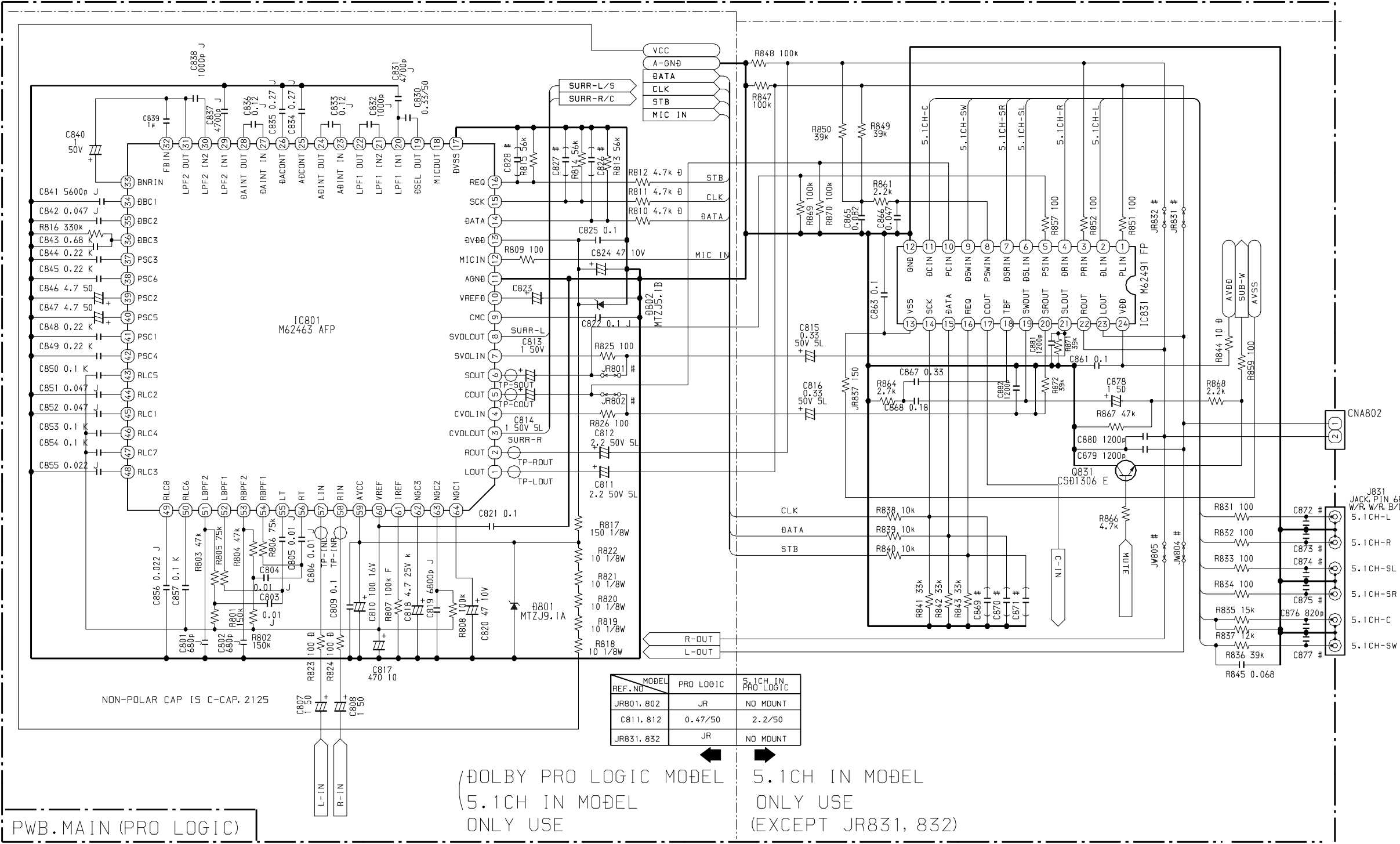


	EZ K MODEL	EXCEPT EZ K
Q356	2SC3052F	X
R362	4.7K	X
R365	10K	X

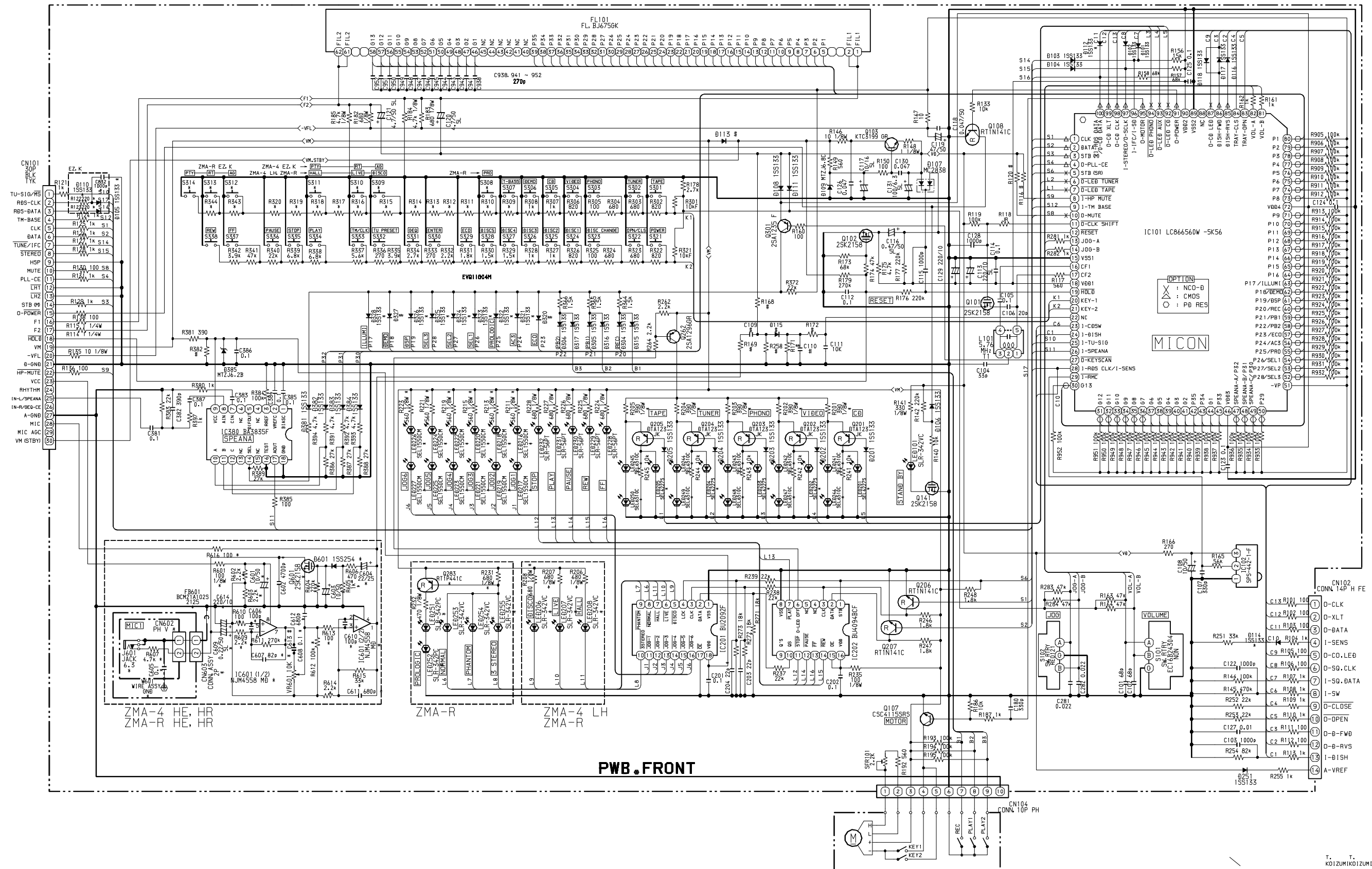
	EZ K MODEL	EXCEPT EZ
FB301	EM1BL01RN1	JW

T. KÖIZUMI T. KÖIZUMI
(DECK)
SCHEMATIC DIAGRAM
8Z MAP 641

SCHEMATIC DIAGRAM – 3 (MAIN 3/3: PROLOGIC)

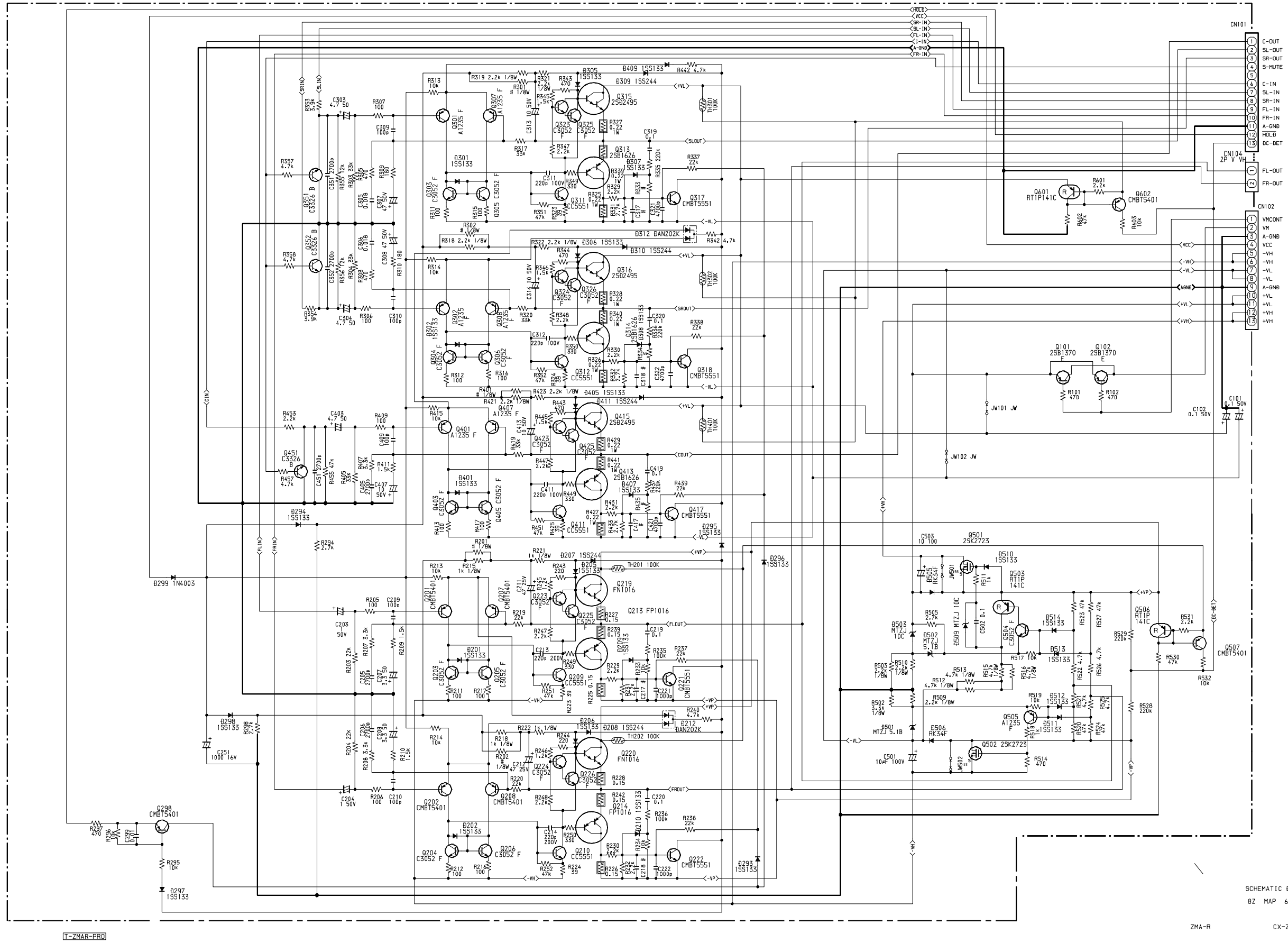


SCHEMATIC DIAGRAM – 4 (FRONT)



T. T.
KOIZUMIKOIZUMI
(FRONT)
SCHEMATIC DIAGRAM
8Z MA4 615

SCHEMATIC DIAGRAM – 5 (PROLOGIC)



SCHEMATIC DIAGRAM
82 MAP 632

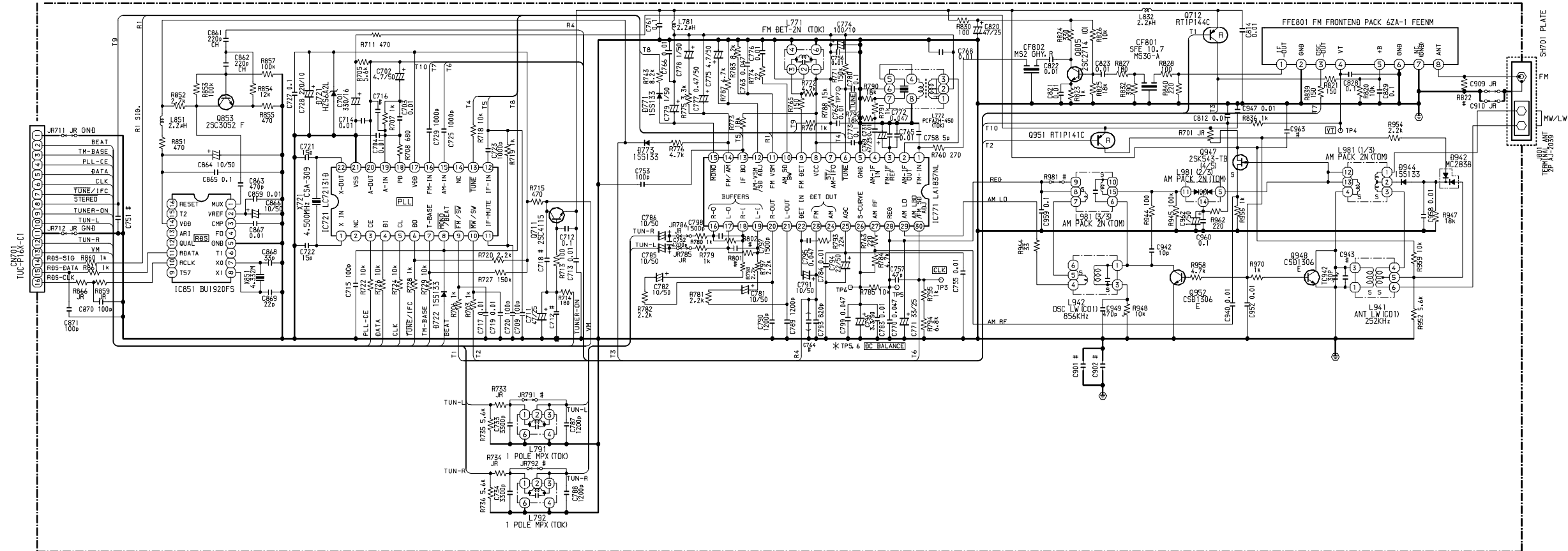
IT-ZMAR-PRO

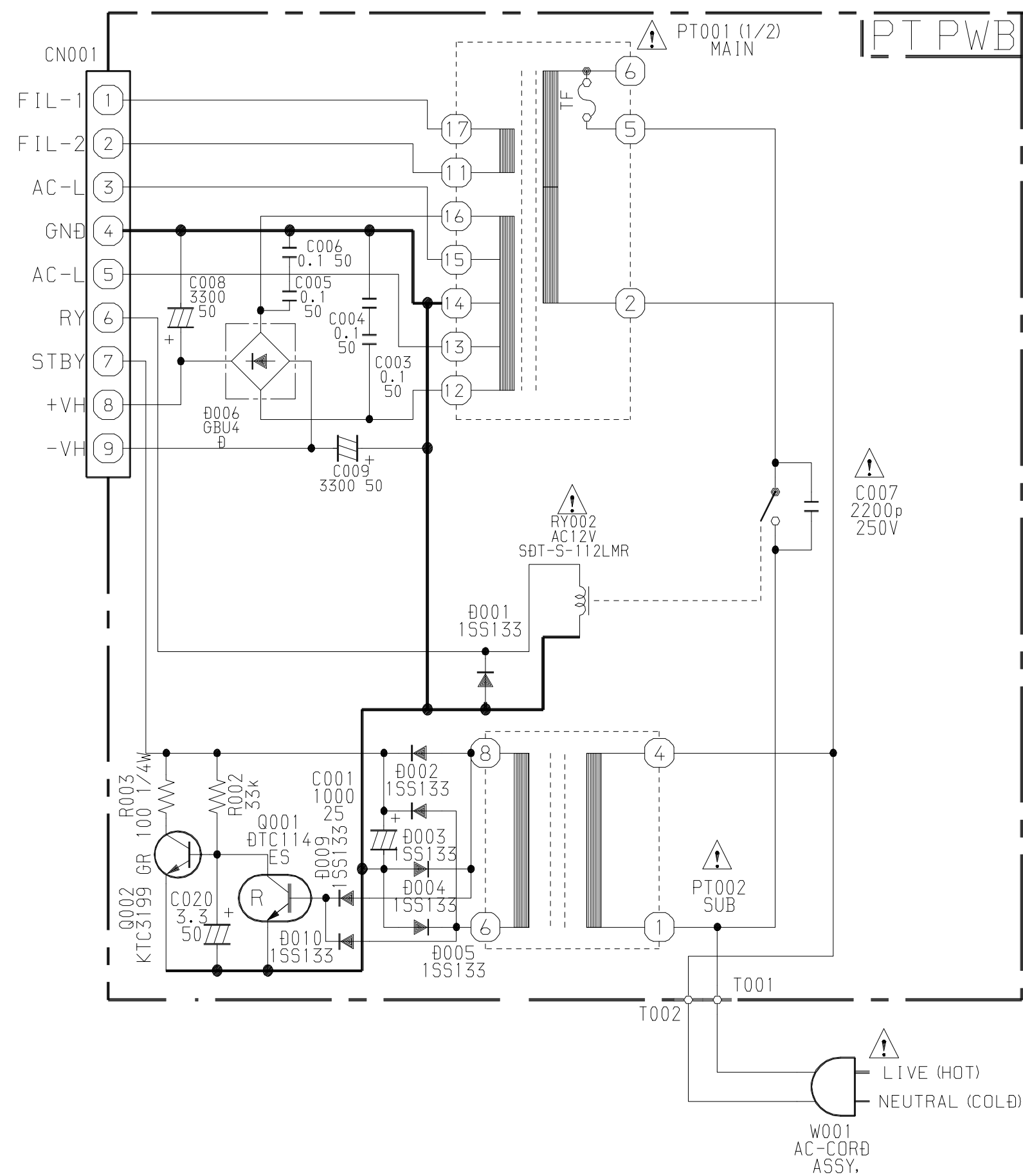
ZMA-R

CX-ZHT33

13 JAN 1999

SCHEMATIC DIAGRAM – 6 (TUNER)





サービス技術ニュース	
番号	連絡内容
Gー ー	
Gー ー	
Gー ー	

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