

aiwa



Z-L30

Z-L31

COMPACT DISC STEREO
CASSETTE RECEIVER

• TYPE: U

SIMPLE MANUAL

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

S/M Code No. 09-98B-306-30A

MANUAL
SERVICE

ELECTRICAL MAIN PARTS LIST - 1/7

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

30U	.....	XX	.....	A
31U	.....	XX	.....	B
		KANRI		
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
	87-MA5-203-010		GUIDE, FL	AB
	8Z-MA4-205-010		GUIDE, PLAY	AB
C	103		CHIP CAP 1000P	AB
C	105		CHIP CAPACITOR, 0.1-25	AB
C	106		CAP 12P	AB
C	104		C-CAP, S 33P-50 CH	AB
C	102		CHIP CAP 68P	AB
C	101		CHIP CAP 68P	AB
C	108		CAP, E 10-50	AB
C	107		C-CAP, S 330P-50 CH	AB
C	115		CHIP CAP 1000P	AB
C	112		CHIP CAPACITOR, 0.1-25	AB
C	114		CHIP CAPACITOR, 0.1-25	AB
C	119		CAP, ELECT 47-50V	AB
C	116		CAP, E 0.47-50 GAS	AB
C	117		CAP, E 10-16 GAS	AB
C	118		C-CAP, S 0.047-50F	AB
C	113		CAP, E 220-10	AB
C	128		CHIP CAP 1000P	AB
C	122		CHIP CAP 1000P	AB
C	126		CAP, CHIP 0.047	AB
C	125		CHIP CAPACITOR, 0.1-25	AB
C	123		CHIP CAPACITOR, 0.1-25	AB
C	124		CHIP CAPACITOR, 0.1-25	AB
C	120		CAP, E 4.7-50 5L	AB
C	121		CAP, E 4.7-50 5L	AB
C	131		CAP, E 100-6.3 5L	AB
C	130		CAP, CHIP 0.047	AB
C	180		C-CAP, S 330P-50 CH	AB
C	201		CHIP CAPACITOR, 0.1-25	AB
C	202		CHIP CAPACITOR, 0.1-25	AB
C	281		CAP, CHIP 0.022	AB
C	282		CAP, CHIP 0.022	AB
C	384		CHIP CAPACITOR, 0.1-25	AB
C	386		CHIP CAPACITOR, 0.1-25	AB
C	385		CHIP CAPACITOR, 0.1-25	AB
C	381		CHIP CAPACITOR, 0.1-25	AB
C	387		CHIP CAPACITOR, 0.1-25	AB
C	383		CHIP CAPACITOR, 0.1-25	AB
C	382		C-CAP, S 390P-50 CH	AB
C	938		CAP, CHIP S 270P CH	AB
C	945		CAP, CHIP S 270P CH	AB
C	949		CAP, CHIP S 270P CH	AB
C	942		CAP, CHIP S 270P CH	AB
C	947		CAP, CHIP S 270P CH	AB
C	948		CAP, CHIP S 270P CH	AB
C	941		CAP, CHIP S 270P CH	AB
C	944		CAP, CHIP S 270P CH	AB
C	946		CAP, CHIP S 270P CH	AB
C	943		CAP, CHIP S 270P CH	AB
C	950		CAP, CHIP S 270P CH	AB
C	951		CAP, CHIP S 270P CH	AB
C	952		CAP, CHIP S 270P CH	AB
CN	101		CONN, 30P TYK-B(P)	AB
CN	102		CONN, 14P H FE	AB
D	106		DIODE, 1SS133 (110MA)	AB
D	101		DIODE, 1SS133 (110MA)	AB
D	108		DIODE, 1SS133 (110MA)	AB
D	104		DIODE, 1SS133 (110MA)	AB
D	103		DIODE, 1SS133 (110MA)	AB
D	102		DIODE, 1SS133 (110MA)	AB
D	107		C-DIODE, MC2838	AB
D	109		ZENER, MTZJ6.8C	AB
D	116		DIODE, 1SS133 (110MA)	AB
D	111		DIODE, 1SS133 (110MA)	AB
D	117		DIODE, 1SS133 (110MA)	AB
D	118		DIODE, 1SS133 (110MA)	AB
D	203		DIODE, 1SS133 (110MA)	AB
D	205		DIODE, 1SS133 (110MA)	AB
D	202		DIODE, 1SS133 (110MA)	AB
D	204		DIODE, 1SS133 (110MA)	AB
D	201		DIODE, 1SS133 (110MA)	AB
D	251		DIODE, 1SS133 (110MA)	AB
D	306		DIODE, 1SS133 (110MA)	AB
D	305		DIODE, 1SS133 (110MA)	AB
D	304		DIODE, 1SS133 (110MA)	AB
D	317		DIODE, 1SS133 (110MA)	AB
D	316		DIODE, 1SS133 (110MA)	AB
D	315		DIODE, 1SS133 (110MA)	AB
D	328		DIODE, 1SS133 (110MA)	AB
D	326		DIODE, 1SS133 (110MA)	AB
D	385		ZENER, MTJ6.2B	AB
D	384		DIODE, 1SS133 (110MA)	AB
D	381		DIODE, 1SS133 (110MA)	AB
D	382		DIODE, 1SS133 (110MA)	AB

ELECTRICAL MAIN PARTS LIST - 2/7

D	383	87-020-465-080	DIODE, 1SS133 (110MA)	AB
FL	101	8Z-MA4-604-010	FL, BJ675GK	AB
IC	102	87-A20-914-010	IC, SPS-442-1-F	AB
IC	101	8Z-MA4-602-010	C-IC, LC866560W-****	AB
IC	202	87-017-915-080	IC, BU4094BCF	AB
IC	201	87-070-289-040	IC, BU 2092F	AB
IC	380	87-A21-023-040	C-IC, BA3835F	AB
L	101	87-A50-408-010	COIL, OSC 5.76MHZ	AB
LED	101	87-A40-317-080	LED, SLR-342VCT31 RED	AB
LED	205	87-A40-317-080	LED, SLR-342VCT31 RED	.B
LED	203	87-A40-317-080	LED, SLR-342VCT31 RED	.B
LED	201	87-A40-317-080	LED, SLR-342VCT31 RED	.B
LED	206	87-A40-317-080	LED, SLR-342VCT31 RED	
LED	202	87-A40-317-080	LED, SLR-342VCT31 RED	.B
LED	208	87-A40-317-080	LED, SLR-342VCT31 RED	
LED	207	87-A40-317-080	LED, SLR-342VCT31 RED	
LED	204	87-A40-317-080	LED, SLR-342VCT31 RED	.B
LED	201	87-A91-052-080	LED, SEL6227S RED	A
LED	203	87-A91-052-080	LED, SEL6227S RED	A
LED	204	87-A91-052-080	LED, SEL6227S RED	A
LED	205	87-A91-052-080	LED, SEL6227S RED	A
LED	202	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	222	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	226	87-017-350-080	LED, SEL1550CM	A
LED	223	87-017-350-080	LED, SEL1550CM	A
LED	220	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	AB
LED	229	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	AB
LED	231	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	AB
LED	230	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	AB
LED	232	87-A40-619-080	LED, SLR-56PT-TE7-W GRN	AB
LED	249	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	241	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	247	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	243	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	248	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	245	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	244	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	246	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	242	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
LED	250	87-A40-380-080	LED, SEL6510C-TP5 GRN	A
Q	108	87-A30-073-080	C-TR, RT1N 141C	AB
Q	101	87-A30-087-080	C-FET, 2SK2158	AB
Q	102	87-A30-087-080	C-FET, 2SK2158	AB
Q	107	87-A30-196-080	TR, 2SC4115SRS	AB
Q	103	87-A30-198-080	TR, KTC3199GR	AB
Q	141	87-A30-087-080	C-FET, 2SK2158	AB
Q	204	87-026-580-080	C-TR, DTA123JK	AB
Q	201	87-026-580-080	C-TR, DTA123JK	AB
Q	203	87-026-580-080	C-TR, DTA123JK	AB
Q	202	87-026-580-080	C-TR, DTA123JK	AB
Q	205	87-026-580-080	C-TR, DTA123JK	AB
Q	207	87-A30-073-080	C-TR, RT1N 141C	AB
Q	206	87-A30-073-080	C-TR, RT1N 141C	AB
Q	262	89-112-965-080	TR, 2SA1296 (0.75W)	AB
R	301	87-A30-075-080	C-TR, 2SA1235F	AB
R	301	87-022-355-080	C-RES, S10K-1/10W F	AB
R	321	87-022-355-080	C-RES, S10K-1/10W F	AB
S	101	87-A90-535-010	SW, RTRY EC16B24304	AB
S	102	8Z-MA4-612-010	SW, RTRY RE0 121SL10-12	AB
S	306	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	307	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	302	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	309	87-A90-095-080	SW, TACT EVQ11G04M	
S	304	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	301	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	303	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	305	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	310	87-A90-095-080	SW, TACT EVQ11G04M	
S	311	87-A90-095-080	SW, TACT EVQ11G04M	
S	321	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	326	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	327	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	323	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	328	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	325	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	324	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	322	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	329	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	331	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	336	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	337	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	332	87-A90-095-080	SW, TACT EVQ11G04M	AB
S	338	87-A90-095-080	SW, TACT EVQ11G04M	AB

ELECTRICAL MAIN PARTS LIST - 3/7

S	334	87-A90-095-080	SW, TACT EV011G04M	AB.....
S	330	87-A90-095-080	SW, TACT EV011G04M	AB.....
S	333	87-A90-095-080	SW, TACT EV011G04M	AB.....
S	335	87-A90-095-080	SW, TACT EV011G04M	AB.....
SFR	101	87-024-350-080	SFR 2.2K DIA 6H	AB.....
C	1	87-010-387-080	CAP, E 470-25 SME	AB.....
C	9	87-010-917-090	CAP, E 3300-50 M SMG	A.....
C	8	87-010-917-090	CAP, E 3300-50 M SMG	A.....
C	4	87-A10-520-090	CAP, E 3300-35 M SMG	.....
C	3	87-A10-520-090	CAP, E 3300-35 M SMG	.....
CN	1	87-A60-850-010	CONN, 7P V VH	.B.....
CN	1	87-A60-851-010	CONN, 9P V VH	A.....
D	6	87-017-447-010	DIODE, GBU4DL	A.....
D	1	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	2	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	3	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	5	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	4	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
PT	2	8Z-NF8-661-010	PT, SUB ZNF-8(U)	AB.....
PT	2	8Z-NF8-663-010	PT, SUB ZNF-8(H)	.....
RY	1	87-045-389-010	RELAY, OSA-SS-212DM5	.....
RY	2	87-A90-976-010	RELAY, AC12V SDT-S-112LMR	A.....
RY	1	87-A90-976-010	RELAY, AC12V SDT-S-112LMR	.B.....
SW	1	87-A90-165-010	SW, SL 1-2-3 SWS2301	.....
T	1	87-A60-317-010	TERMINAL, 1P MSC	AB.....
T	2	87-A60-317-010	TERMINAL, 1P MSC	AB.....
C	301	87-010-318-080	C-CAP, S 47P-50 CH	AB.....
C	302	87-010-318-080	C-CAP, S 47P-50 CH	AB.....
C	306	87-012-145-080	CAP, CHIP S 270P CH	AB.....
C	305	87-012-145-080	CAP, CHIP S 270P CH	AB.....
C	304	87-012-157-080	C-CAP, S 330P-50 CH	AB.....
C	303	87-012-157-080	C-CAP, S 330P-50 CH	AB.....
C	309	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	307	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	313	87-010-180-080	C-CER 1500P	AB.....
C	314	87-010-180-080	C-CER 1500P	AB.....
C	315	87-010-182-080	C-CAP, S 2200P-50 B	AB.....
C	316	87-010-182-080	C-CAP, S 2200P-50 B	AB.....
C	311	87-010-198-080	CAP, CHIP 0.022	AB.....
C	312	87-010-198-080	CAP, CHIP 0.022	AB.....
C	310	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	324	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	325	87-010-370-080	CAP, E 330-6.3 SME	AB.....
C	328	87-010-404-080	CAP, ELECT 4.7-50V	AB.....
C	327	87-010-404-080	CAP, ELECT 4.7-50V	AB.....
C	321	87-016-492-080	C-CAP, S 0.33-16 FZ	AB.....
C	322	87-016-492-080	C-CAP, S 0.33-16 FZ	AB.....
C	336	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	335	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	337	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	332	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	339	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	340	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	354	87-010-175-080	CAP 560P	AB.....
C	355	87-010-178-080	CHIP CAP 1000P	AB.....
C	358	87-010-183-080	C-CAP, S 2700P-50 B	AB.....
C	359	87-010-183-080	C-CAP, S 2700P-50 B	AB.....
C	357	87-010-197-080	CAP, CHIP 0.01 DM	AB.....
C	356	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	352	87-012-140-080	CAP 470P	AB.....
C	351	87-012-140-080	CAP 470P	AB.....
C	360	87-010-183-080	C-CAP, S 2700P-50 B	AB.....
C	372	87-010-175-080	CAP 560P	AB.....
C	371	87-010-175-080	CAP 560P	AB.....
C	379	87-010-406-080	CAP, ELECT 22-50	AB.....
C	378	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	370	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	374	87-016-083-080	C-CAP, S 0.15-16 RK	AB.....
C	373	87-016-083-080	C-CAP, S 0.15-16 RK	AB.....
C	380	87-010-406-080	CAP, ELECT 22-50	AB.....
C	388	87-012-156-080	C-CAP, S 220P-50 CH	AB.....
C	386	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	394	87-010-319-080	C-CAP, S 56P-50 CH	AB.....
C	391	87-010-319-080	C-CAP, S 56P-50 CH	AB.....
C	393	87-010-319-080	C-CAP, S 56P-50 CH	AB.....
C	392	87-010-319-080	C-CAP, S 56P-50 CH	AB.....
CN	301	87-099-827-010	CONN, 3P S2M-3W	AB.....
CN	351	87-099-832-010	CONN, 8P S2M-8W	AB.....
D	352	87-A40-269-080	C-DIODE, MC2836	AB.....
IC	301	87-A20-455-010	IC, HA12211	AB.....
L	301	87-A50-049-010	COIL, TRAP 85K(COI)	AB.....
L	302	87-A50-049-010	COIL, TRAP 85K(COI)	AB.....
L	351	87-007-342-010	COIL, OSC 85K BIAS	AB.....
Q	357	87-026-610-080	TR, KTC3198GR	AB.....
Q	359	87-026-610-080	TR, KTC3198GR	AB.....
Q	358	87-026-610-080	TR, KTC3198GR	AB.....
Q	354	87-A30-087-080	C-FET, 2SK2158	AB.....
Q	353	87-A30-087-080	C-FET, 2SK2158	AB.....
Q	351	87-A30-087-080	C-FET, 2SK2158	AB.....
Q	355	87-A30-105-080	C-TR, RT1P 441C	AB.....
Q	360	87-A30-087-080	C-FET, 2SK2158	AB.....
SFR	352	87-024-356-080	SFR, 47K DIA6 H	AB.....

ELECTRICAL MAIN PARTS LIST - 4/7

SFR	351	87-024-356-080	SFR, 47K DIA6 H	AB.....
C	414	87-010-404-080	CAP, ELECT 4.7-50V	.....
C	413	87-010-404-080	CAP, ELECT 4.7-50V	.....
C	602	87-010-180-080	C-CER 1500P	AB.....
C	601	87-010-180-080	C-CER 1500P	AB.....
C	619	87-010-185-080	C-CAP, S 3900P-50 B	AB.....
C	613	87-016-081-080	C-CAP, S 0.1-16 RK	AB.....
C	614	87-016-081-080	C-CAP, S 0.1-16 RK	AB.....
C	620	87-010-185-080	C-CAP, S 3900P-50 B	AB.....
C	622	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	621	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	626	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	629	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	625	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	627	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	630	87-010-213-080	C-CAP, S 0.015-50 B	AB.....
C	632	87-010-263-080	CAP, ELECT 100-10V	AB.....
C	633	87-010-263-080	CAP, ELECT 100-10V	AB.....
C	631	87-010-992-080	C-CAP, S 0.047-25 B	AB.....
C	634	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	635	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	641	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	653	87-010-322-080	C-CAP, S 100P-50 CH	AB.....
C	654	87-010-322-080	C-CAP, S 100P-50 CH	AB.....
C	677	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
CN	604	87-099-570-010	CONN, 13P TUC-P13P-B1	AB.....
CN	601	87-099-719-010	CONN, 30P TYK-B(X)	AB.....
CN	602	87-A60-131-010	CONN, 6P V FE	AB.....
D	601	87-A40-002-080	ZENER, MTZJ5.1C	AB.....
D	602	87-A40-438-080	ZENER, MTZJ4.7A	AB.....
IC	601	87-A21-011-040	C-IC, M62445FP-600D	AB.....
J	603	82-MA2-631-010	JACK, PIN 4P RV5	AB.....
*	601	87-026-609-080	TR, KTA1266GR	AB.....
		87-067-703-010	TAPPING SCREW, BVT2+3-10	AB.....
C	102	87-010-178-080	CHIP CAP 1000P	AB.....
C	101	87-010-178-080	CHIP CAP 1000P	AB.....
C	109	87-010-322-080	C-CAP, S 100P-50 CH	AB.....
C	104	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	103	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	107	87-010-408-080	CAP, ELECT 47-50V	AB.....
C	108	87-010-408-080	CAP, ELECT 47-50V	AB.....
C	112	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	111	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	110	87-010-322-080	C-CAP, S 100P-50 CH	AB.....
C	118	87-016-247-080	C-CAP, 0.1-50 F	AB.....
C	117	87-016-247-080	C-CAP, 0.1-50 F	AB.....
C	114	87-A10-812-080	C-CAP, S 220P-200 J CH	AB.....
C	113	87-A10-812-080	C-CAP, S 220P-200 J CH	AB.....
C	124	87-010-176-080	C-CAP, S 680P-50 SL	AB.....
C	123	87-010-176-080	C-CAP, S 680P-50 SL	AB.....
C	122	87-010-178-080	CHIP CAP 1000P	AB.....
C	121	87-010-178-080	CHIP CAP 1000P	AB.....
C	128	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	126	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	127	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	125	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	132	87-010-197-080	CAP, CHIP 0.01 DM	AB.....
C	131	87-010-197-080	CAP, CHIP 0.01 DM	AB.....
C	133	87-010-197-080	CAP, CHIP 0.01 DM	AB.....
C	134	87-010-378-080	CAP, ELECT 10-16V	AB.....
D	109	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	104	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	103	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	101	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	102	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	107	87-A40-488-080	DIODE, 1SS244	AB.....
D	108	87-A40-488-080	DIODE, 1SS244	AB.....
D	112	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	115	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	114	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	113	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	110	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	111	87-A40-270-080	C-DIODE, MC2838	AB.....
J	202	87-A60-483-010	JACK, DIA6.3 BLK ST W/S KM	AB.....
L	101	87-003-383-010	COIL, 1UH-S	AB.....
L	102	87-003-383-010	COIL, 1UH-S	AB.....
Q	109	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	107	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	108	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	106	87-A30-107-070	C-TR, CMBT5401	AB.....
Q	105	87-A30-107-070	C-TR, CMBT5401	AB.....
Q	104	87-A30-107-070	C-TR, CMBT5401	AB.....
Q	103	87-A30-107-070	C-TR, CMBT5401	AB.....
Q	102	87-A30-257-080	C-TR, 2SD1306E	AB.....
Q	101	87-A30-257-080	C-TR, 2SD1306E	AB.....
Q	110	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	119	87-A30-109-010	TR, 2SD 2495	AB.....
Q	116	87-A30-137-010	TR, 2SD2494	A.....
Q	115	87-A30-137-010	TR, 2SD2494	A.....
Q	118	87-A30-138-010	TR, 2SB1625	A.....
Q	117	87-A30-138-010	TR, 2SB1625	A.....
Q	111	87-A30-190-080	TR, CC5551	AB.....

ELECTRICAL MAIN PARTS LIST - 5/7

O	112	87-A30-190-080	TR, CC5551	AB.....
Q	127	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	128	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	129	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	126	87-A30-107-070	C-TR, CMBT5401	AB.....
Q	121	87-A30-108-010	TR, 2SB1626	.B.....
Q	122	87-A30-108-010	TR, 2SB1626	.B.....
Q	120	87-A30-109-010	TR, 2SD 2495	.B.....
Q	124	87-A30-119-040	C-TR, 2SC3906K R	AB.....
Q	123	87-A30-119-040	C-TR, 2SC3906K R	AB.....
Q	130	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	131	87-A30-076-080	C-TR, 2SC3052F	AB.....
R	129	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	129	87-A00-258-080	RES, M/F 0.22-1W J	.B.....
R	130	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	132	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	131	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	130	87-A00-258-080	RES, M/F 0.22-1W J	.B.....
R	131	87-A00-258-080	RES, M/F 0.22-1W J	.B.....
R	132	87-A00-258-080	RES, M/F 0.22-1W J	.B.....
R	144	87-A00-440-050	RES, 220-1/2W J RP	AB.....
R	143	87-A00-440-050	RES, 220-1/2W J RP	AB.....
R	145	87-A00-440-050	RES, 220-1/2W J RP	AB.....
R	146	87-A00-440-050	RES, 220-1/2W J RP	AB.....
R	165	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	166	87-A00-257-080	RES, M/F 0.15-1W J	A.....
R	166	87-A00-258-080	RES, M/F 0.22-1W J	.B.....
R	165	87-A00-258-080	RES, M/F 0.22-1W J	.B.....
TH	101	87-A91-042-080	C-THMS, 100K 55001	AB.....
TH	102	87-A91-042-080	C-THMS, 100K 55001	AB.....
C	209	87-010-403-080	CAP, ELECT 3.3-50V	AB.....
C	204	87-010-986-080	C-CAP, S 820P-50 J CH	AB.....
C	203	87-010-986-080	C-CAP, S 820P-50 J CH	AB.....
C	211	87-010-181-080	CAP, CHIP S 1800P	AB.....
C	212	87-010-181-080	CAP, CHIP S 1800P	AB.....
C	217	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	218	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	216	87-010-322-080	C-CAP, S 100P-50 CH	AB.....
C	215	87-010-322-080	C-CAP, S 100P-50 CH	AB.....
C	210	87-010-403-080	CAP, ELECT 3.3-50V	AB.....
C	214	87-010-403-080	CAP, ELECT 3.3-50V	AB.....
C	213	87-010-403-080	CAP, ELECT 3.3-50V	AB.....
C	219	87-A10-946-080	C-CAP, S 220P-100 J CH	AB.....
C	228	87-010-184-080	CHIP CAPACITOR 3300P(K)	.....
C	227	87-010-184-080	CHIP CAPACITOR 3300P(K)	.....
C	227	87-010-186-080	CAP, CHIP 4700P	AB.....
C	228	87-010-186-080	CAP, CHIP 4700P	AB.....
C	229	87-010-993-080	C-CAP, S 0.056-25 B	AB.....
C	225	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	226	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	220	87-A10-946-080	C-CAP, S 220P-100 J CH	AB.....
C	234	87-010-190-080	S CHIP F 0.01	AB.....
C	233	87-010-190-080	S CHIP F 0.01	AB.....
C	230	87-010-993-080	C-CAP, S 0.056-25 B	AB.....
C	232	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	239	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	231	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	235	87-016-285-080	CAP, E 47-100SME	A.....
C	236	87-016-285-080	CAP, E 47-100SME	A.....
C	900	87-012-140-080	CAP, 470P	AB.....
D	204	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	209	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	202	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	201	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	203	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	208	87-A40-488-080	DIODE, 1SS244	AB.....
D	207	87-A40-488-080	DIODE, 1SS244	AB.....
D	214	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	210	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	212	87-020-465-080	DIODE, 1SS133 (110MA)	..
D	211	87-A40-270-080	C-DIODE, MC2838	AB.....
J	203	87-033-240-010	TERMINAL, SP 4P32SV1-05	AB.....
J	204	87-A60-750-010	JACK, PIN 4P R/W BLUE	A.....
J	205	87-A60-751-010	JACK, PIN 2P R/W BLUE	.B.....
L	201	87-003-383-010	COIL, 1UH-S	AB.....
L	202	87-003-383-010	COIL, 1UH-S	AB.....
Q	205	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	206	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	203	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	204	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	207	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	208	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	209	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	201	87-A30-257-080	C-TR, 2SD1306E	AB.....
Q	202	87-A30-257-080	C-TR, 2SD1306E	AB.....
Q	210	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	218	87-A30-108-010	TR, 2SB1626	.B.....
Q	217	87-A30-108-010	TR, 2SB1626	.B.....
Q	215	87-A30-109-010	TR, 2SD 2495	.B.....
Q	216	87-A30-109-010	TR, 2SD 2495	.B.....
Q	219	87-A30-119-040	C-TR, 2SC3906K R	AB.....
Q	212	87-A30-190-080	TR, CC5551	AB.....

ELECTRICAL MAIN PARTS LIST - 6/7

Q	211	87-A30-190-080	TR, CC5551	AB.....
Q	217	87-A30-255-010	TR, 2SB1342	A.....
Q	218	87-A30-255-010	TR, 2SB1342	A.....
Q	215	87-A30-256-010	TR, 2SD1933	A.....
Q	216	87-A30-256-010	TR, 2SD1933	A.....
Q	221	87-A30-073-080	C-TR, RT1N 141C	.....
Q	225	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	226	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	227	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	224	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	220	87-A30-119-040	C-TR, 2SC3906K R	AB.....
R	234	87-A00-258-080	RES, M/F 0.22-1W J	AB.....
R	232	87-A00-258-080	RES, M/F 0.22-1W J	AB.....
R	233	87-A00-258-080	RES, M/F 0.22-1W J	AB.....
R	231	87-A00-258-080	RES, M/F 0.22-1W J	AB.....
R	265	87-A00-258-080	RES, M/F 0.22-1W J	AB.....
R	266	87-A00-258-080	RES, M/F 0.22-1W J	AB.....
RY	201	87-045-382-010	RELAY, OUAZ-SH-112L	.....
TH	201	87-A91-042-080	C-THMS, 100K 55001	AB.....
TH	202	87-A91-042-080	C-THMS, 100K 55001	AB.....
C	9	87-010-917-090	CAP, E 3300-50 M SMG	.B.....
C	3	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	6	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	4	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	5	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	1	87-012-369-080	C-CAP, S 0.047-50F	AB.....
C	2	87-012-369-080	C-CAP, S 0.047-50F	AB.....
C	9	87-016-495-090	CAP, E 3300-25 SMG	A.....
C	10	87-010-917-090	CAP, E 3300-50 M SMG	.B.....
C	10	87-016-495-090	CAP, E 3300-25 SMG	A.....
C	23	87-010-247-080	CAP, ELECT 100-50V	AB.....
C	24	87-010-247-080	CAP, ELECT 100-50V	AB.....
C	28	87-010-263-080	CAP, ELECT 100-10V	AB.....
C	26	87-010-263-080	CAP, ELECT 100-10V	AB.....
C	22	87-010-406-080	CAP, ELECT 22-50	AB.....
C	21	87-010-406-080	CAP, ELECT 22-50	AB.....
C	29	87-010-408-080	CAP, ELECT 47-50V	AB.....
C	25	87-010-430-080	CAP, ELECT 100-63	AB.....
C	27	87-012-140-080	CAP, 470P	AB.....
C	30	87-010-112-080	CAP, ELECT 100-16V	AB.....
C	31	87-010-235-080	CAP, E 470-16 SME	AB.....
C	32	87-012-368-080	C-CAP, S 0.1-50 F	A.....
C	33	87-016-299-080	CAP, E 10-100 SME	A.....
C	34	87-016-299-080	CAP, E 10-100 SME	A.....
C	61	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	62	87-010-403-080	CAP, ELECT 3.3-50V	AB.....
CNA	1	8Z-NB8-604-010	CONN ASSY, 7P VH	.B.....
CNA	1	8Z-NF8-669-010	CONN ASSY, 9P VH	A.....
D	1	87-017-447-010	DIODE, GBU4DL	.B.....
D	1	87-017-654-060	DIODE, GBU6J	A.....
D	8	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	9	87-020-465-080	DIODE, 1SS133 (110MA)	AB.....
D	3	87-070-274-080	DIODE, 1N4003 SEM	AB.....
D	5	87-070-274-080	DIODE, 1N4003 SEM	AB.....
D	4	87-070-274-080	DIODE, 1N4003 SEM	AB.....
D	6	87-070-274-080	DIODE, 1N4003 SEM	AB.....
D	7	87-A40-435-080	ZENER, MTZJ30D	AB.....
D	15	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	17	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	14	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	13	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	11	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	12	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	19	87-A40-183-090	DIODE, RK36(F)	A.....
D	16	87-A40-345-080	ZENER, MTZJ10C	A.....
D	10	87-A40-345-080	ZENER, MTZJ10C	AB.....
D	25	87-020-465-080	DIODE, 1SS133 (110MA)	A.....
D	23	87-070-136-080	ZENER, MTZJ5.1B	A.....
D	24	87-070-136-080	ZENER, MTZJ5.1B	A.....
D	20	87-A40-183-090	DIODE, RK36(F)	A.....
D	64	87-070-274-080	DIODE, 1N4003 SEM	AB.....
D	63	87-A40-004-080	ZENER, MTZJ16A	AB.....
D	62	87-A40-269-080	C-DIODE, MC2836	AB.....
D	61	87-A40-270-080	C-DIODE, MC2838	AB.....
Q	1	87-026-609-080	TR, KTA1266GR	AB.....
Q	2	87-026-609-080	TR, KTA1266GR	AB.....
Q	5	87-026-610-080	TR, KTC3198GR	AB.....
Q	7	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	8	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	6	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	9	87-A30-196-080	TR, 2SC4115SRS	AB.....
Q	3	89-213-702-010	TR, 2SB1370 (1.8W)	AB.....
Q	4	89-213-702-010	TR, 2SB1370 (1.8W)	.B.....
Q	10	87-A30-072-080	C-TR, RT1P 144C	A.....
Q	12	87-A30-075-080	C-TR, 2SA1235F	A.....
Q	11	87-A30-076-080	C-TR, 2SC3052F	A.....
Q	13	87-A30-089-010	FET, 2SK2723	A.....
Q	14	87-A30-089-010	FET, 2SK2723	A.....
Q	61	87-A30-074-080	C-TR, RT1P 141C	AB.....
Q	66	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	64	87-A30-075-080	C-TR, 2SA1235F	AB.....
Q	67	87-A30-076-080	C-TR, 2SC3052F	AB.....

ELECTRICAL MAIN PARTS LIST - 7/7

Q	65	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	63	87-A30-076-080	C-TR, 2SC3052F	AB.....
Q	62	87-A30-107-070	C-TR, CMBT5401	AB.....
Q	81	87-A30-074-080	C-TR, RT1P 141C	AB.....
Q	82	87-A30-107-070	C-TR, CMBT5401	AB.....
R	20	87-A00-261-080	RES, M/F 0.56-1W J	AB.....
WH	1	87-A90-510-010	HLDR, WIRE 2.5-9P	AB.....
C	707	87-010-180-080	C-CER 1500P	.....
C	706	87-010-197-080	CAP, CHIP 0.01 DM	.....
C	708	87-010-213-080	C-CAP, S 0.015-50 B	.....
C	709	87-010-213-080	C-CAP, S 0.015-50 B	.....
C	701	87-010-263-080	CAP, ELECT 100-10V	.....
C	703	87-010-319-080	C-CAP, S 56P-50 CH	.....
C	704	87-010-319-080	C-CAP, S 56P-50 CH	.....
C	702	87-012-368-080	C-CAP, S 0.1-50 F	.....
C	705	87-016-460-080	C-CAP, S 0.22-16 B	.....
C	711	87-010-181-080	CAP, CHIP S 1800P	.....
C	718	87-010-183-080	C-CAP, S 2700P-50 B	.....
C	717	87-010-183-080	C-CAP, S 2700P-50 B	.....
C	710	87-010-197-080	CAP, CHIP 0.01 DM	.....
C	714	87-010-374-080	CAP, ELECT 47-10V	.....
C	715	87-010-401-080	CAP, ELECT 1-50V	.....
C	716	87-010-401-080	CAP, ELECT 1-50V	.....
C	712	87-012-368-080	C-CAP, S 0.1-50 F	.....
C	738	87-010-318-080	C-CAP, S 47P-50 CH	.....
D	701	87-A40-234-080	ZENER, MTZJ5.6A	.....
IC	701	87-A20-613-040	C-IC, BU9262AFS	.....
L	701	87-005-448-080	COIL 220UH, K	.....
C	451	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	452	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	457	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	458	87-012-368-080	C-CAP, S 0.1-50 F	AB.....
C	461	87-010-544-080	CAP, ELECT 0.1-50V	AB.....
IC	451	87-A21-031-040	C-IC, BU4551BF	AB.....
Q	451	87-A30-104-080	C-TR, RT1N 441C	AB.....

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

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

URTM	REF.NO	PARTS NO.	XX KANRI NO.	DESCRIPTION	SUFFIX
C	701	87-010-381-080	0E	CAP, ELECT 330-16V	ABC
C	702	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABC
C	704	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	703	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	711	87-010-260-080	0E	CAP, ELECT 47-25V	ABC
C	711	87-010-553-080	0E	CAP, E 47-16	
C	712	87-010-831-080	0E	C-CAP, U, 0.1-16F	ABC
C	718	87-012-179-080	0E	C-CAP, U 20P-50 CH	.BC
C	714	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	717	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	719	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	727	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	ABC
C	728	87-010-248-080	0E	CAP, ELECT 220-10V	ABC
C	721	87-012-176-080	0E	CAP, 15P	ABC
C	722	87-012-176-080	0E	CAP, 15P	ABC
C	720	87-012-195-080	0E	C-CAP, U 100P-50CH	ABC
C	729	87-012-274-080	0E	CHIP CAP, U 1000P-50B	ABC
C	725	87-018-131-080	0E	CAP, CER 1000P-50V	
CN	701	87-A60-650-010	1A	CONN, 16P H GRY TUC-P16X-C1	
CN	701	87-A60-700-010	0E	CONN, 13P H GRY TUC-P13X-C1	ABC
D	721	87-017-149-080	0E	ZENER, HZS6A2L	.BC
D	722	87-020-465-080	0E	DIODE, 1SS133 (110MA)	
D	721	87-A40-234-080	0E	ZENER, MTZJ5.6A	A
IC	721	87-070-127-110	1C	IC, LC72131 D	ABC
Q	713	87-A30-072-080	0E	C-TR, RT1P 144C	
Q	712	87-A30-072-080	0E	C-TR, RT1P 144C	
Q	711	87-A30-196-080	0E	TR, 2SC4115SRS	A
Q	711	87-A30-234-080	0E	TR, CSC4115BC	.BC
X	721	87-A70-061-010	1A	VIB, XTAL 4.500MHZ CSA-309	ABC
C	872	87-010-400-080	0E	CAP, ELECT 0.47-50V	AB
C	873	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	877	87-012-278-080	0E	C-CAP, U 2200P-50 B	AB
C	878	87-012-278-080	0E	C-CAP, U 2200P-50 B	AB
C	889	87-010-248-080	0E	CAP, ELECT 220-10V	AB
C	884	87-010-260-080	0E	CAP, ELECT 47-25V	AB
C	883	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	885	87-010-545-080	0E	CAP, ELECT 0.22-50V	A
C	886	87-010-545-080	0E	CAP, ELECT 0.22-50V	A
C	888	87-010-787-080	0E	CAP, U 0.022-25	AB
C	881	87-012-141-080	0E	CHIP-CAPACITOR, 0.22-16F	AB
C	882	87-012-172-080	0E	CAPACITOR CHIP, U 10P CH	AB
C	887	87-012-286-080	0E	CAP, U 0.01-25	AB
C	885	87-016-460-080	0E	C-CAP, S 0.22-16 B	.B
C	886	87-016-460-080	0E	C-CAP, S 0.22-16 B	.B
IC	871	87-070-060-040	1F	IC, TA2040AF	AB
Q	873	87-026-226-080	0E	CHIP-TR, DTA143EK	AB
X	891	87-030-394-010	1B	VIB, CER CSA3.6MGF228	AB
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	.BC
C	706	87-A10-592-080	0E	C-CAP, S 0.015-50 J B	.BC
C	733	87-010-180-080	0E	C-CER 1500P	
C	738	87-010-180-080	0E	C-CER 1500P	
C	737	87-010-180-080	0E	C-CER 1500P	
C	734	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	.BC
C	733	87-010-987-080	0E	C-CAP, S 1500P-50 CH	.BC
C	735	87-010-987-080	0E	C-CAP, S 1500P-50 CH	.BC
C	734	87-010-987-080	0E	C-CAP, S 1500P-50 CH	.BC
C	734	87-012-280-080	0E	CAP, U 3300P-50	
C	733	87-012-280-080	0E	CAP, U 3300P-50	
C	738	87-A10-592-080	0E	C-CAP, S 0.015-50 J B	.BC
C	737	87-A10-592-080	0E	C-CAP, S 0.015-50 J B	.BC
C	752	87-010-220-080	0E	C-CAP, S 0.018-25 B	.B
C	751	87-010-220-080	0E	C-CAP, S 0.018-25 B	.B
C	758	87-012-167-080	0E	C-CAP, U 5P-50 CH	ABC
C	757	87-012-188-080	0E	C-CAP, U 47P-50 CH	ABC
C	753	87-012-195-080	0E	C-CAP, U 100P-50CH	
C	752	87-012-282-080	0E	CAP, U 4700P-50	
C	756	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	751	87-012-365-080	0E	C-CAP, S 0.027-25VBK	.C
C	752	87-012-365-080	0E	C-CAP, S 0.027-25VBK	.C
C	766	87-010-197-080	0E	CAP, CHIP 0.01 DM	
C	769	87-010-260-080	0E	CAP, ELECT 47-25V	ABC
C	768	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	765	87-012-286-080	0E	CAP, U 0.01-25	ABC
C	764	87-012-337-080	0E	C-CAP, U 56P-50 CH	ABC
C	774	87-010-263-080	0E	CAP, ELECT 100-10V	ABC
C	771	87-010-383-080	0E	CAP, ELECT 33-25V	ABC
C	777	87-010-400-080	0E	CAP, ELECT 0.47-50V	ABC
C	775	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABC
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	
C	770	87-010-829-080	0E	CAP, U 0.047-16	ABC

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

C	780	87-010-196-080	0E	CHIP	CAPACITOR, 0.1-25	ABC.....
C	786	87-010-401-080	0E	CAP,	ELECT 1-50V	ABC.....
C	785	87-010-401-080	0E	CAP,	ELECT 1-50V	ABC.....
C	786	87-010-405-080	0E	CAP,	ELECT 10-50V	ABC.....
C	785	87-010-405-080	0E	CAP,	ELECT 10-50V	ABC.....
C	785	87-010-494-080	0E	CAP	ELECT GAS 1/50	.....
C	786	87-010-494-080	0E	CAP	ELECT GAS 1/50	.....
C	787	87-012-275-080	0E	C-CAP,	U 1200P-50 B	ABC.....
C	788	87-012-275-080	0E	C-CAP,	U 1200P-50 B	ABC.....
C	784	87-012-286-080	0E	CAP,	U 0.01-25	ABC.....
C	796	87-010-403-080	0E	CAP,	ELECT 3.3-50V	ABC.....
C	794	87-010-406-080	0E	CAP,	ELECT 22-50	ABC.....
C	795	87-010-596-080	0E	CAP,	S 0.047-16	..C.....
C	793	87-012-273-080	0E	C-CAP,	U 820P-50 B	ABC.....
C	797	87-012-276-080	0E	CAP,	CHIP SS 1500 PBK	A.....
C	798	87-012-276-080	0E	CAP,	CHIP SS 1500 PBK	A.....
D	771	87-020-465-080	0E	DIODE,	1SS133 (110MA)	ABC.....
D	773	87-A40-291-080	0E	DIODE,	1N4148 (CPT)	.....
IC	771	87-A20-913-010	1D	IC,	LA1837NL	ABC.....
L	771	87-A50-266-010	1A	COIL,	FM DET-2N(TOK)	ABC.....
L	772	87-A90-052-010	1C	FLTR,	CFMT-450A(TOK)	.....
L	772	87-A90-053-010	1C	FLTR,	PCFMT-060(TOK)	AB.....
L	772	87-A90-733-010	1A	FLTR,	PCFAZH-450 (TOK)	.....
L	772	87-A91-110-010		FLTR,	PCFJZH-450 (TOK)	..C.....
L	781	87-005-847-080	0E	COIL,	2.2UH(CECS)	.....
L	792	87-A50-027-010	1A	COIL,	1 POLE MPX(TOK)	.....
L	791	87-A50-027-010	1A	COIL,	1 POLE MPX(TOK)	.....
X	771	87-030-354-010	1A	VIB,	CF BFU 450C	.....
C	859	87-012-286-080	0E	CAP,	U 0.01-25	.....
C	865	87-010-196-080	0E	CHIP	CAPACITOR, 0.1-25	.....
C	866	87-010-405-080	0E	CAP,	ELECT 10-50V	.....
C	864	87-010-405-080	0E	CAP,	ELECT 10-50V	.....
C	869	87-012-180-080	0E	C-CAP,	U 22P-50 CH	.....
C	868	87-012-184-080	0E	C-CAP,	U 33P-50 CH	.....
C	862	87-012-199-080	0E	CAP	220P	.....
C	861	87-012-199-080	0E	CAP	220P	.....
C	863	87-012-270-080	0E	CAP,	U 470P-50	.....
C	867	87-012-286-080	0E	CAP,	U 0.01-25	.....
IC	851	87-A20-440-040	1H	C-IC,	BU1920FS	.....
L	851	87-005-847-080	0E	COIL,	2.2UH(CECS)	.....
Q	853	87-A30-076-080	0E	C-TR,	2SC3052F	.....
X	851	87-A70-091-010	1B	VIB,	XTAL 4.332MHZ CSA-309	.....
C	820	87-010-260-080	0E	CAP,	ELECT 47-25V	ABC.....
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	.....
C	947	87-012-286-080	0E	CAP,	U 0.01-25	ABC.....
C	940	87-012-286-080	0E	CAP,	U 0.01-25	ABC.....
C	944	87-014-049-080	0E	CAP,	PP 470P-100 J	.....
C	944	87-014-051-080	0E	CAPACITOR	(PP), 560P	.....
C	949	87-A10-039-080	0E	C-CAP	U 470P-50 J CH	.....
C	958	87-010-197-080	0E	CAP,	CHIP 0.01 DM	.....
C	956	87-010-263-080	0E	CAP,	ELECT 100-10V	.....
C	959	87-010-831-080	0E	C-CAP	U 0.1-16F	.....
C	952	87-012-286-080	0E	CAP,	U 0.01-25	ABC.....
C	954	87-012-358-080	0E	C-CAP	S 0.47-10 F Z	.....
C	950	87-014-073-080	0E	CAP	PP 4700P-100 J	.....
C	963	87-010-196-080	0E	CHIP	CAPACITOR, 0.1-25	ABC.....
C	962	87-010-401-080	0E	CAP,	ELECT 1-50V	.....
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	..BC.....
C	960	87-012-350-080	0E	C-CAP,	1-25 F	.....
CF	802	82-785-747-010	1A	CF	MS2 GHY R	.....
CF	802	87-008-261-010	1A	FILTER,	SFE10.7MA5-A	ABC.....
CF	801	87-008-261-010	1A	FILTER,	SFE10.7MA5-A	ABC.....
CF	801	87-008-423-010	1A	CERAMIC	FILTER, SFE10.7	.....
D	944	87-020-465-080	0E	DIODE,	1SS133 (110MA)	.....
D	942	87-A40-270-080	0E	C-DIODE,	MC2838	.....
FFE	801	A8-6ZA-190-030	0E	6ZA-1	FEUNM	.....
FFE	801	A8-6ZA-191-130		6ZA-1	FEENM	.....
FFE	801	A8-6ZA-192-030	2Y	6ZA-1	FEJNM	..B.....
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.....
FFE	801	A8-8ZA-190-030		8ZA-1	FEUNM	..C.....
FFE	801	A8-8ZA-192-070		8ZA-1	FEUNC	.....
FFE	801	A8-8ZA-193-070	1E	8ZA-1	YFEUNC	.....
J	801	87-033-241-010	1B	TERMINAL,	ANT AJ-2039	.....
J	801	87-A60-702-010	1B	TERMINAL,	ANT 4P CJ-9036	ABC.....
J	801	87-A60-703-010	1A	TERMINAL,	ANT 3P CJ-9037	.....
J	940	81-754-629-010	0E	CONNECTOR,	2P	.....
L	832	87-005-847-080	0E	COIL,	2.2UH(CECS)	.....
L	943	87-005-372-080	0E	COIL	S 1MHM	.....
L	942	87-A50-019-010	0E	COIL,	OSC LW(COI)	.....
L	941	87-A50-020-010	0E	COIL,	ANT LW(COI)	.....
L	941	87-A50-022-010	0E	COIL,	ANT SW(COI)	.....
L	944	87-A50-159-010	0E	COIL,	10MH K C2B	.....
L	942	87-A50-173-010	0E	COIL,	OSC SW-N(COI)	.....
L	943	87-A50-432-010		COIL,	1MH K CW	.....
L	981	87-A50-430-010		COIL,	ANT MW(3BSW)	.....
L	982	87-A50-431-010		COIL,	OSC MW(3BSW)	.....
L	981	87-NF4-650-010	1D	COIL,	AM PACK 4N(TOK)	A.....
L	981	87-NF4-651-010	1C	COIL,	AM PACK2N(TOM)	.....

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

L	981	88-NF8-625-110	1D	COIL, AM PACK3N(TOK)	.....
L	981	8Z-ZA1-664-010		COIL, AM PACK 4(TOK)	.BC.....
L	981	8Z-ZA1-665-010		COIL, AM PACK 2(TOK)	.....
Q	712	87-A30-072-080	0E	C-TR, RT1P 144C	ABC.....
Q	805	89-327-143-080	0E	TR, 2SC2714 (0.1W)	ABC.....
Q	943	87-A30-075-080	0E	C-TR, 2SA1235F	.....
Q	942	87-A30-075-080	0E	C-TR, 2SA1235F	.....
Q	949	87-A30-076-080	0E	C-TR, 2SC3052F	.....
Q	945	87-A30-076-080	0E	C-TR, 2SC3052F	.....
Q	944	87-A30-076-080	0E	C-TR, 2SC3052F	.....
Q	948	87-A30-086-070	0E	C-TR, CSD1306E	.....
Q	947	89-503-602-080	1A	C-FET, 2SK360E	.....
Q	947	89-505-434-540	0E	C-FET, 2SK543(4/5)	.....
Q	951	87-A30-074-080	0E	C-TR, RT1P 141C	.....
SCR	981	87-A40-618-080		VARI-CAP, SVC 348(S/T)	.....
TC	942	87-011-164-010	0E	CAPACITOR, TRIMMER 30P	.....
TC	941	87-011-173-010	1A	CERAMIC TRIMMER 20P	.....
TC	941	87-011-220-080	1A	TRIMMER CAP 20P VTC	.....
TC	943	87-011-221-080	1A	CAP, TRIMMER 30P	.....

MECHANICAL PARTS LIST - 1/1

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

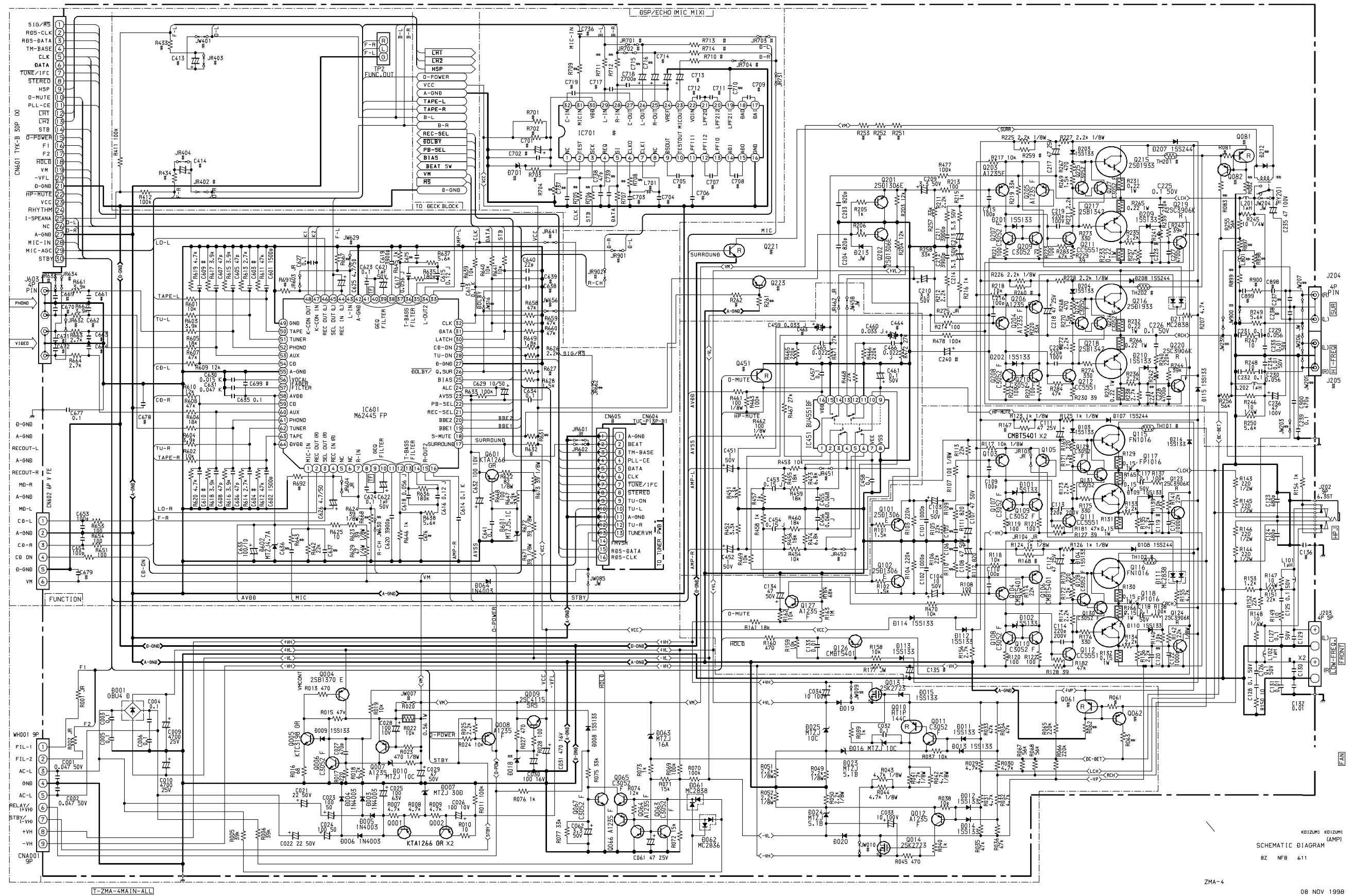
30U	.....	XX	.....	A
31U	.....	XX	.....	B
REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
	82-NE6-067-010		BADGE, AIWA 30N	AB
	8Z-MA4-001-010		CABI, FR LH	
	8Z-MA4-004-010		CABI, FR U	AB
	8Z-MA4-006-010		BOX, CASS L	AB
	8Z-MA4-007-010		BOX, CASS R	AB
	8Z-MA4-010-010		CABI, REAR LH	
	8Z-MA4-013-010		CABI, REAR USTNM (L)	.B
	8Z-MA4-014-010		CABI, REAR USTNM (H)	A
	8Z-MA4-028-010		PANEL, SIDE L	
	8Z-MA4-029-010		PANEL, SIDE R	
	8Z-MA4-048-010		PANEL, SIDE L(U)	AB
	8Z-MA4-049-010		PANEL, SIDE R(U)	AB
	8Z-MA4-057-010		PANEL, TOP	
	8Z-MA4-058-010		PANEL, TOP U	AB
	8Z-MA4-030-010		KEY, POWER	AB
	8Z-MA4-031-010		KEY, DSP	
	8Z-MA4-032-010		KEY, T-BASS	AB
	8Z-MA4-033-010		KEY, FUN	AB
	8Z-MA4-035-010		KEY, CLOCK	AB
	8Z-MA4-036-010		KEY, GEO	AB
	8Z-MA4-037-010		KEY, ENTER	AB
	8Z-MA4-038-010		KEY, CASS L	AB
	8Z-MA4-039-010		KEY, CASS R	AB
	8Z-MA4-041-010		KNOB, RTRY VOL	AB
	8Z-MA4-042-010		KNOB, RTRY JOG	AB
	8Z-MA4-046-010		KEY, ASSY PLAY	AB
	81-532-080-010		LABEL, CASS. COMPT	AB
	86-MA3-042-010		WINDOW, TOP	
	87-MAT-009-010		WINDOW, TOP(U)	AB
	8Z-MA4-017-010		PANEL, TRAY	AB
	8Z-MA4-020-010		WINDOW, AMP(LH)	
	8Z-MA4-022-010		WINDOW, AMP U ZL31	.B
	8Z-MA4-023-010		WINDOW, AMP U ZL30	A
	8Z-MA4-025-010		WINDOW, CASS L	AB
	8Z-MA4-026-010		WINDOW, CASS R	AB
	8Z-MA4-027-010		WINDOW, CD	AB
	8Z-MA4-043-010		REFLECTOR, FUN	AB
	8Z-MA4-044-010		REFLECTOR, JOG	A
	8Z-MA4-050-010		PLATE, DSP	
	8Z-MA4-051-010		REFLECTOR, POWER	AB
	8Z-MA4-059-010		RING, JOG	.B
	84-ZG1-245-210		CAP, OPTICAL	AB
	83-MA2-205-110		SRR, T, EJECT	AB
	86-NFZ-231-010		DMPR, 70	AB
	87-064-185-010		HLDR, WIRE	AB
	87-MA3-062-010		FOOT, H17	AB
	87-NF4-221-010		HLDR, CABLE	AB
	88-MA1-208-110		JOINT, CABI	AB
	87-067-579-010		TAPPING SCREW, BVT2+3-8	AB
	87-067-641-010		UTT2+3-8(W/O SLOT)BL	AB
	87-067-688-010		BVT1+3-6	AB
	87-067-703-010		TAPPING SCREW, BVT2+3-10	AB
	87-067-758-010		BVT2+3-12 W/O SLOT	AB
	87-067-975-010		S-SCREW, IT+4-8	AB
	87-078-060-010		BVIT3PB+3-10	AB
	87-591-095-410		TAPPING SCREW, QIT+3-8 (GLD)	AB
	87-NF4-224-010		S-SCREW, IT3B+3-8 CU	AB
	8Z-MA1-207-010		CHAS, MAIN(PL) A1	AB
	87-050-079-010		AC-CORD ASSY, E	
	87-085-185-010		BUSHING, AC CORD (E)	
	87-085-189-010		BUSHING, CORD (U)	AB
	87-A80-110-010		AC CORD ASSY, U SPT-2W	AB
	88-906-301-110		FF-CABLE, 6P-1.25	AB
	88-914-231-110		FF-CABLE, 14P 1.25	AB
PT 101	8Z-MA4-607-010		PT, ZMA-4 U	A
PT 101	8Z-MA4-609-010		PT, ZMA-4 LH	
PT 101	8Z-MA4-610-010		PT, ZMA-4 U1	.B
	87-MA5-203-010		GUIDE, FL	AB
	8Z-MA4-205-010		GUIDE, PLAY	AB
WH 1	87-A90-510-010		HLDR, WIRE 2.5-9P	AB

ACCESSORIES / PACKAGE LIST - 1/1

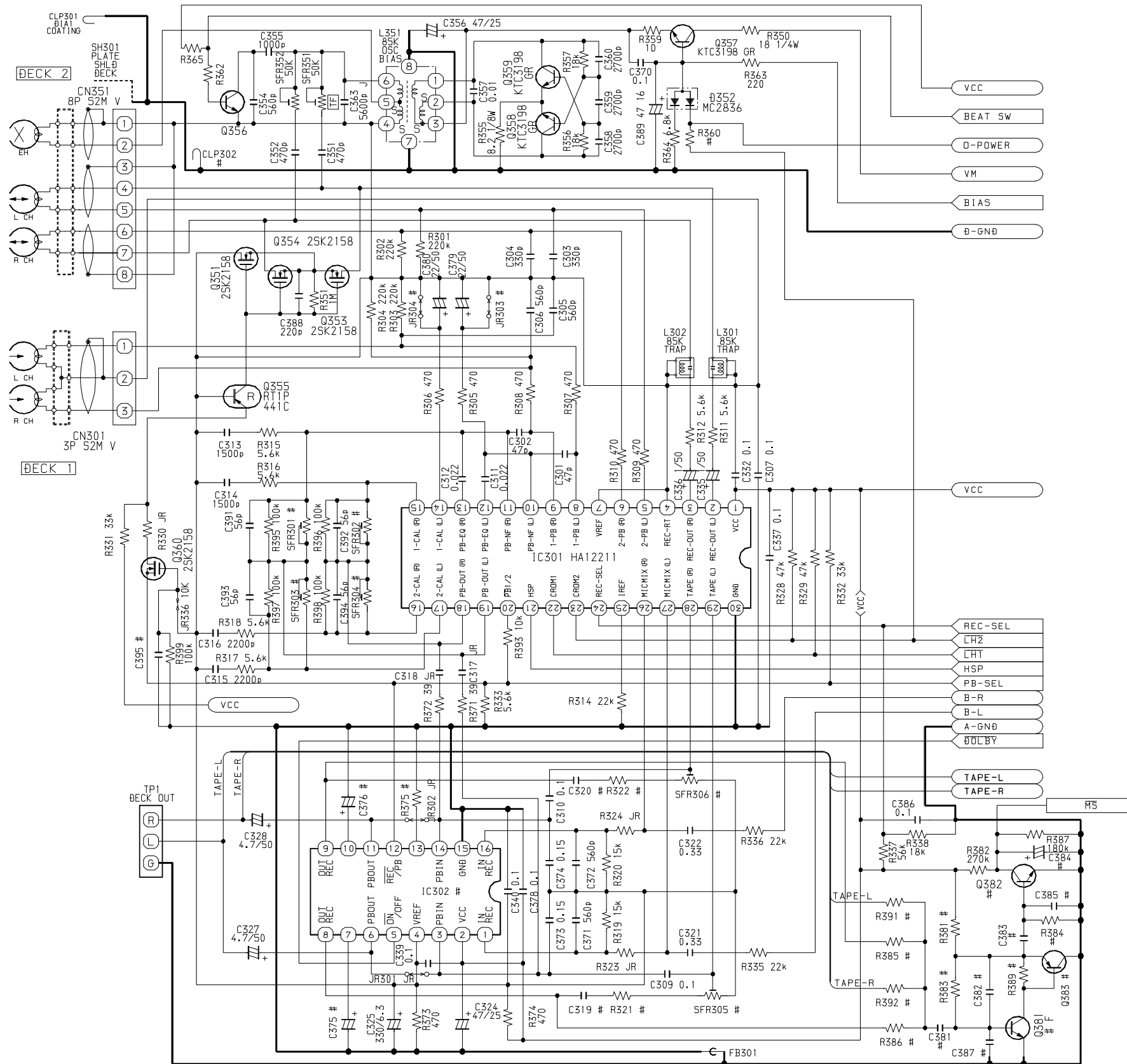
NOTE: The characters in the suffix column indicate the part usage.

30U	.....	XX.....	A.....
31U	.....	XX.....	B.....
REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION SUFFIX
	8Z-MA4-902-010	IB, LH(ESP)M	.....
	8Z-MA4-903-010	IB, U(ESF)M	A.....
	8Z-MA4-913-010	IB, U(ESF)M -31	.B.....
	87-043-115-010	ANT, FEEDER FM	AB.....
	87-099-789-010	PLUG, ADPTR IR44	.....
	87-A90-030-010	ANT, LOOP AM-NC C	AB.....
	8Z-NF9-701-010	RC UNIT, ZAS02	AB.....

SCHEMATIC DIAGRAM – 1 (30U: MAIN 1/2)

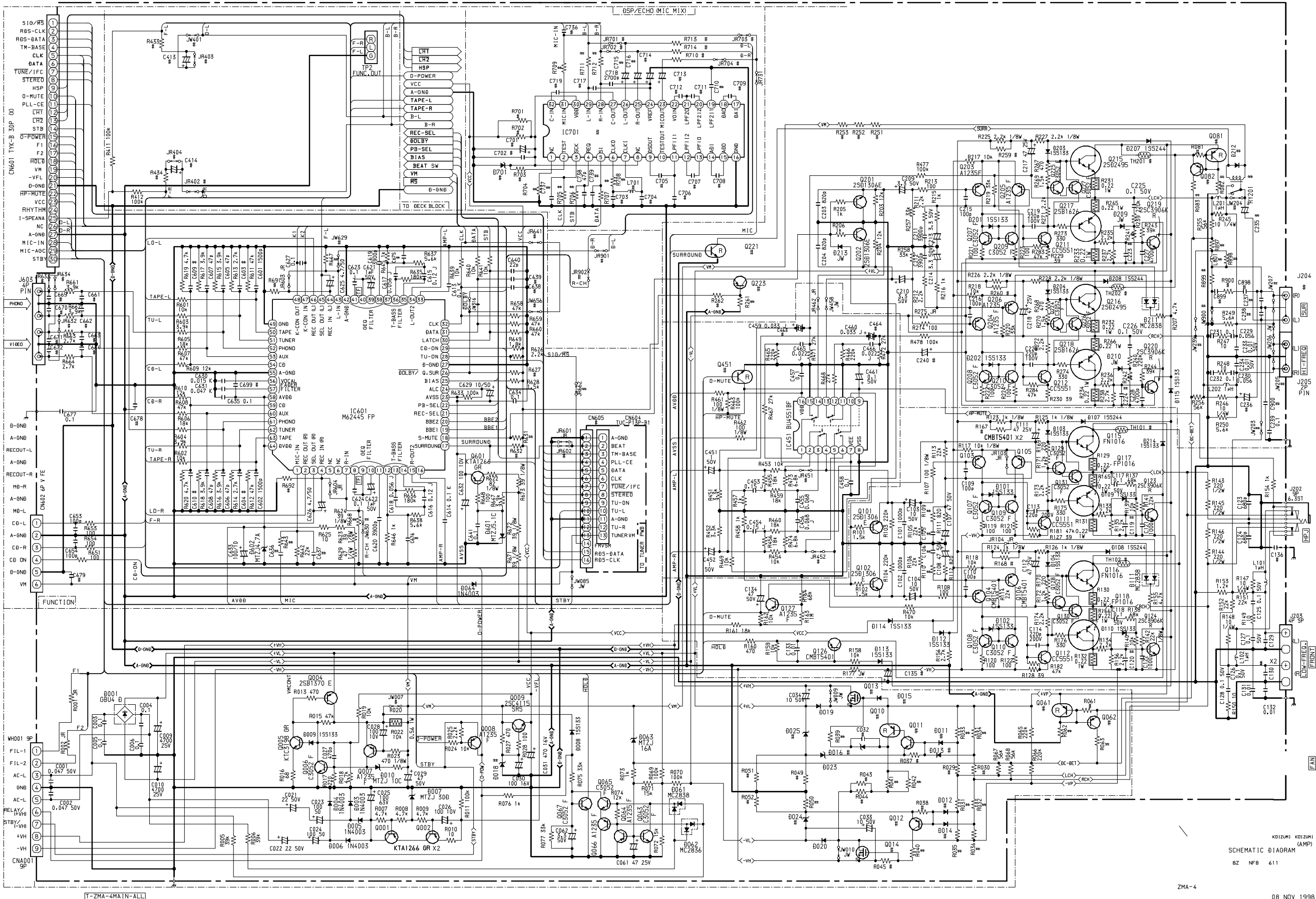


SCHEMATIC DIAGRAM – 2 (30U: MAIN 2/2)

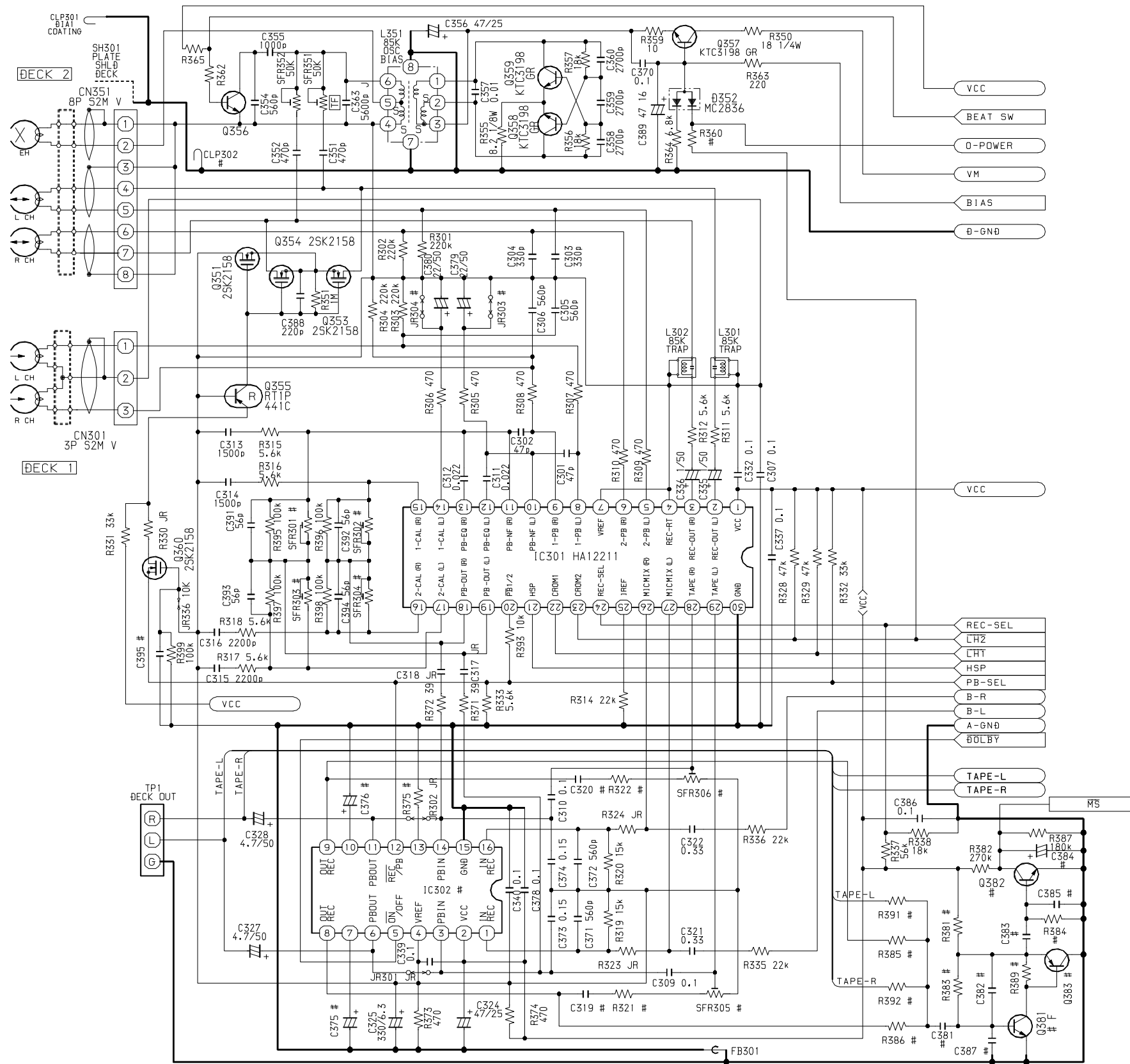


T.KOIZUMI
(DECK)
SCHEMATIC DIAGRAM
8Z NF8 611

SCHEMATIC DIAGRAM – 3 (31U: MAIN 1/2)

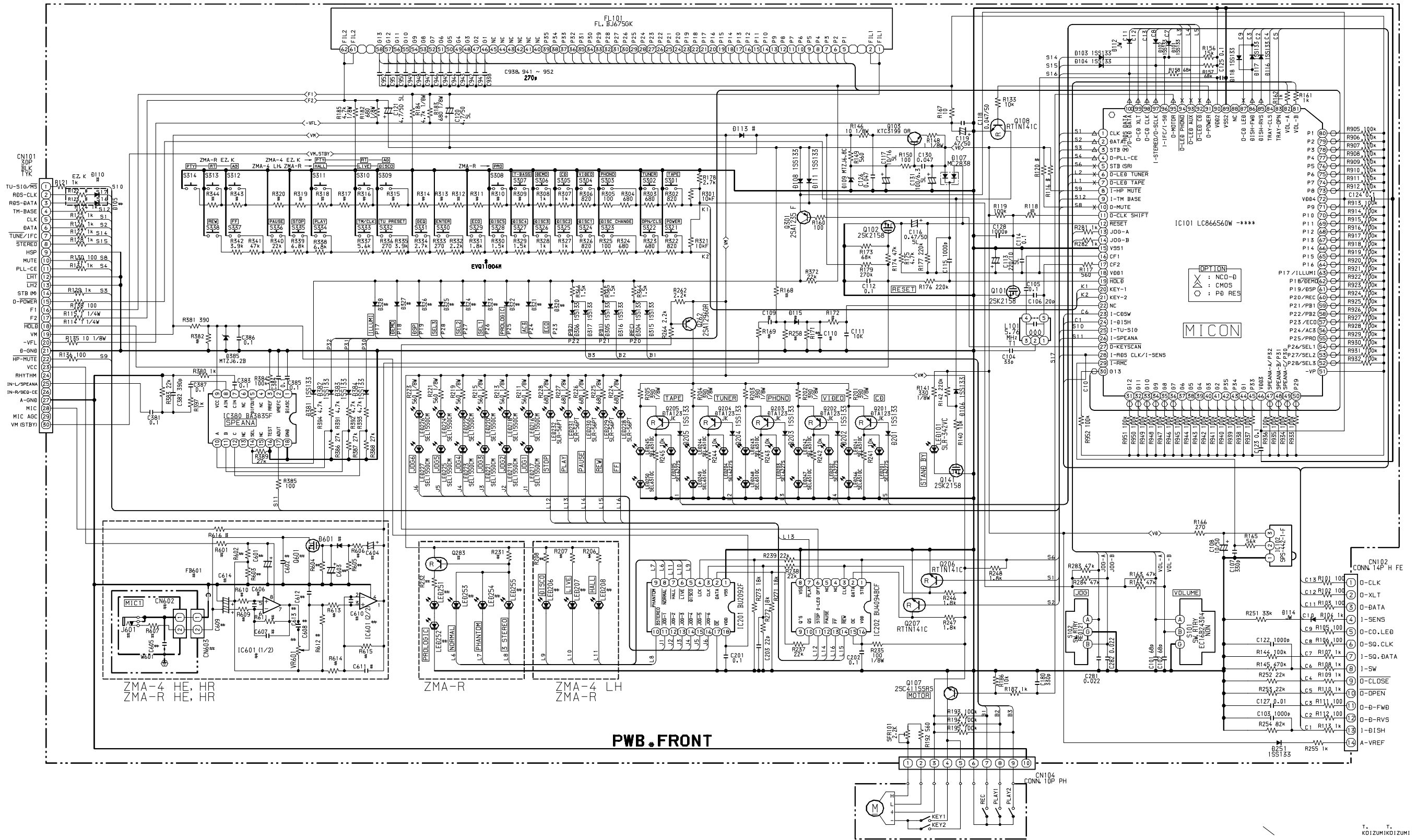


SCHEMATIC DIAGRAM – 4 (31U: MAIN 2/2)



T.KOIZUMI
(DECK)
SCHEMATIC DIAGRAM
8Z NF8 611

SCHEMATIC DIAGRAM – 5 (30U: FRONT)



B-ZMA-4FR-ALL

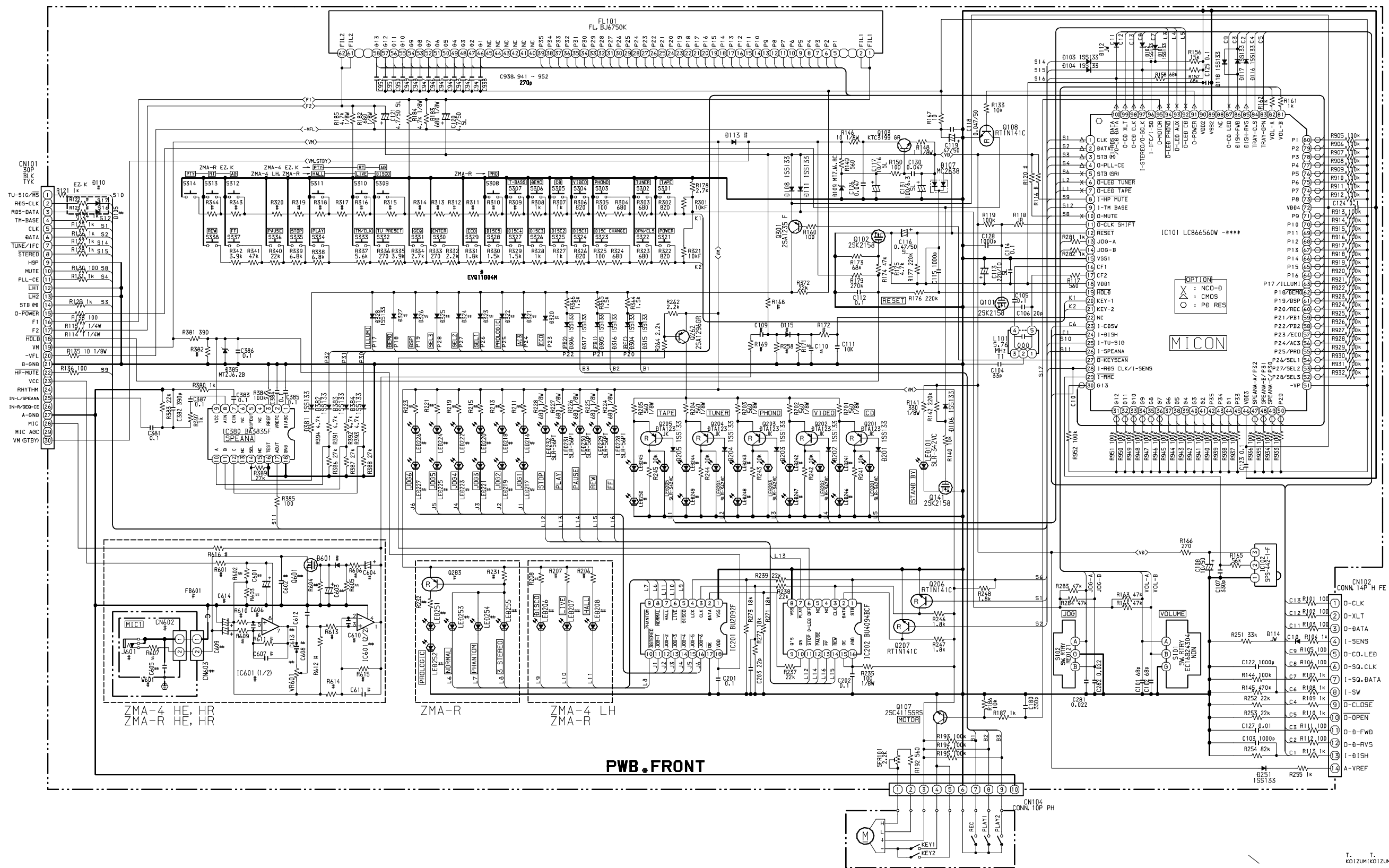
T. T.
KOIZUMIKOIZUMI
(FRONT)
SCHEMATIC DIAGRAM

ALL
ZMA-4. R

PWB, COMB1 FRONT

08 NOV 1998

SCHEMATIC DIAGRAM – 6 (31U: FRONT)



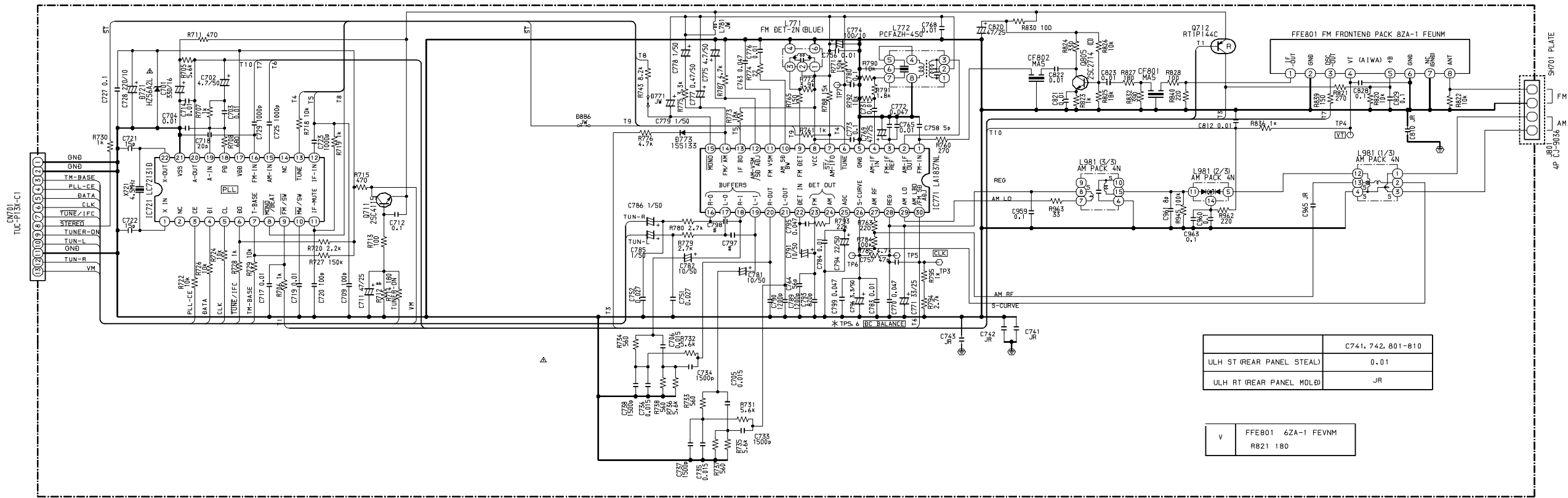
T. T.
KOIZUMI KOIZUMI
(FRONT
SCHEMATIC DIAGRAM

ALL
ZMA-4, R

PWB, COMBI FRONT

08 NOV 1998

SCHEMATIC DIAGRAM – 7 (TUNER)



1B-22A-1-UL H

981021 CHANGE 0721
MTZJS.6A -> HZ56A2L
981001 CANCEL C894 JR

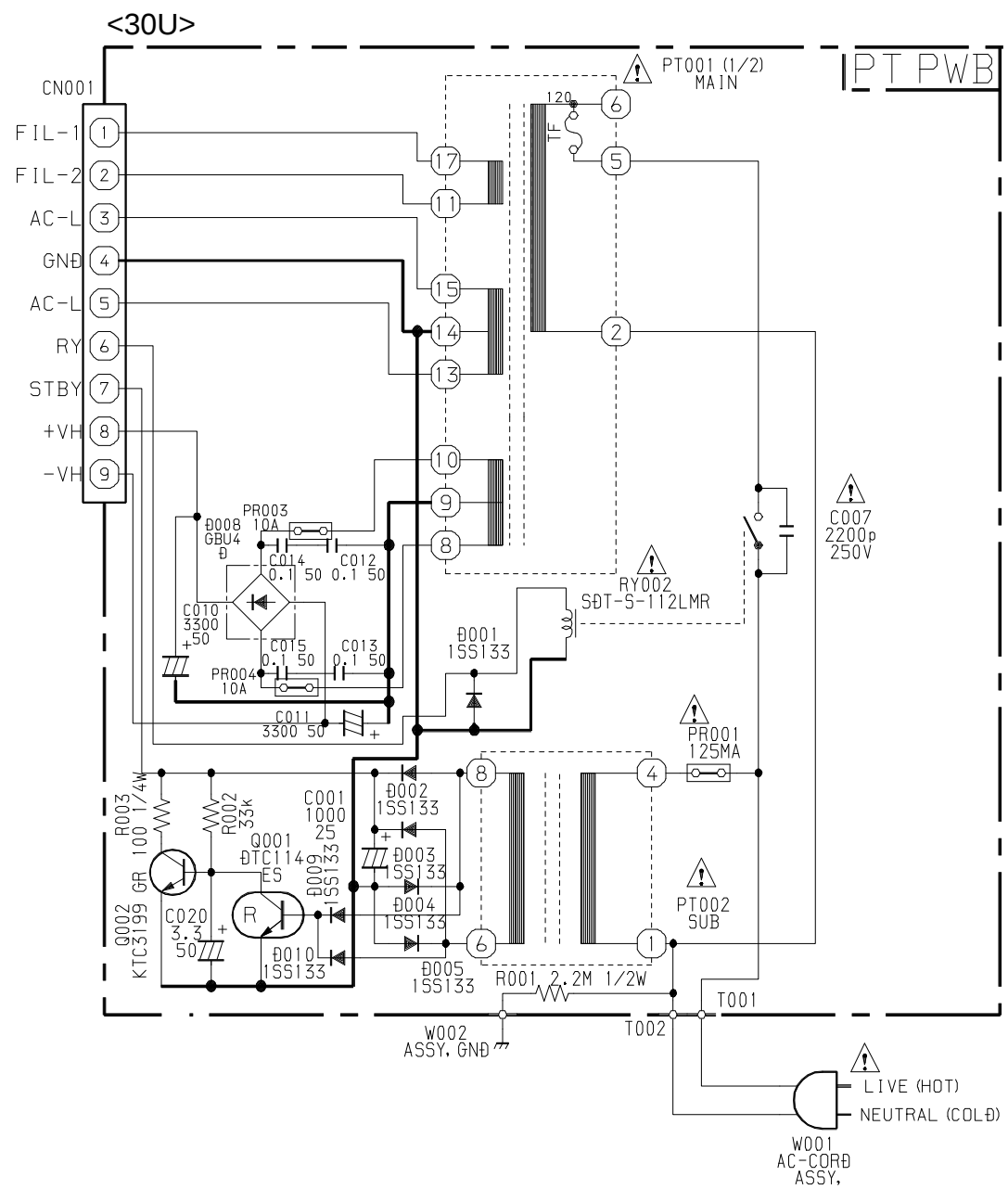
94V0 1=1.6
FENORIC 130

8Z ZA1 621 11
0C-8ZZA1-02-1

04 06 98

TAKEZAWA

SCHEMATIC DIAGRAM – 8 (PT)



T.
KOIZUMI

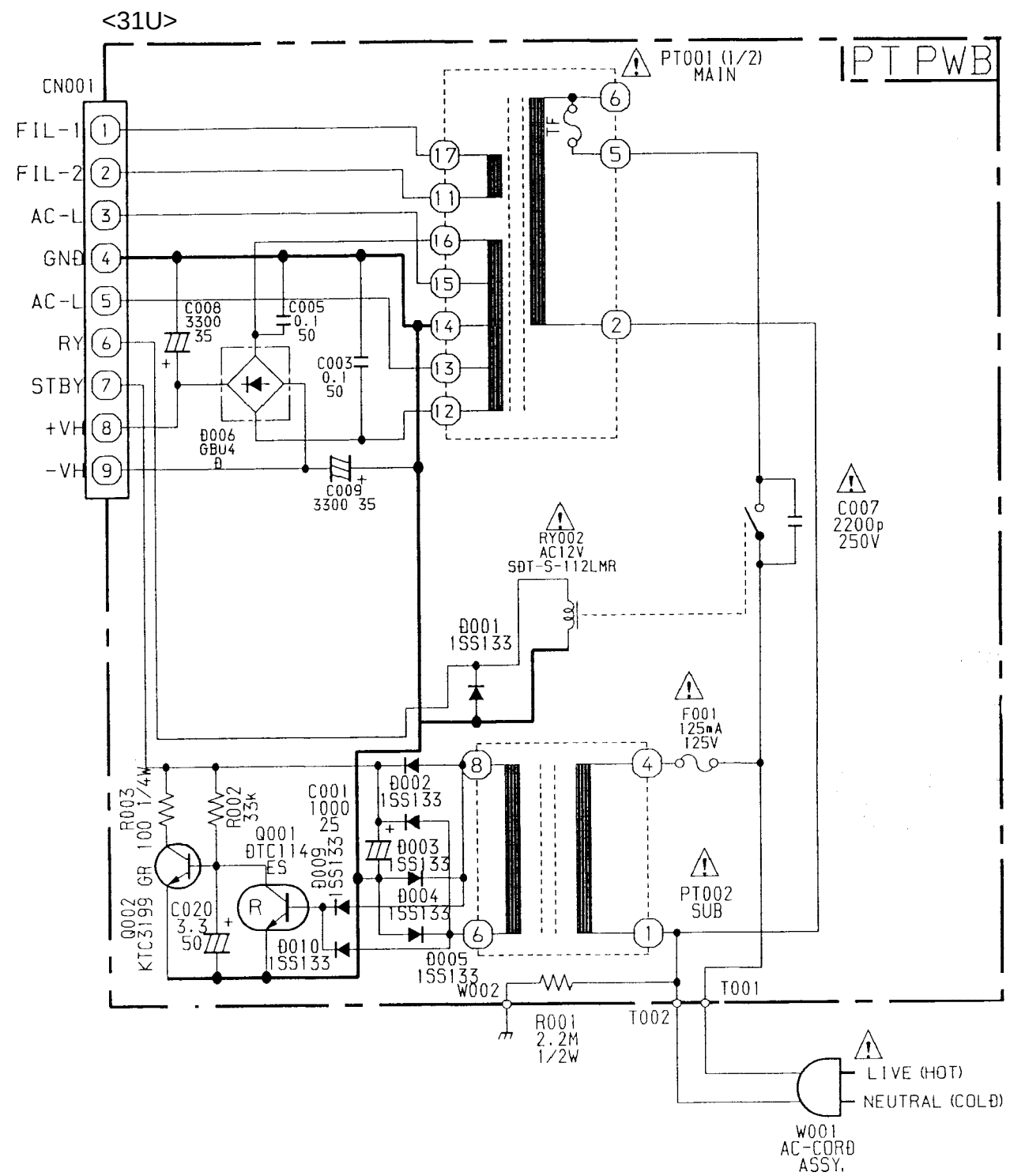
SCHEMATIC DIAGRAM (AC)

8Z MAR 602

SS

ZMA-4

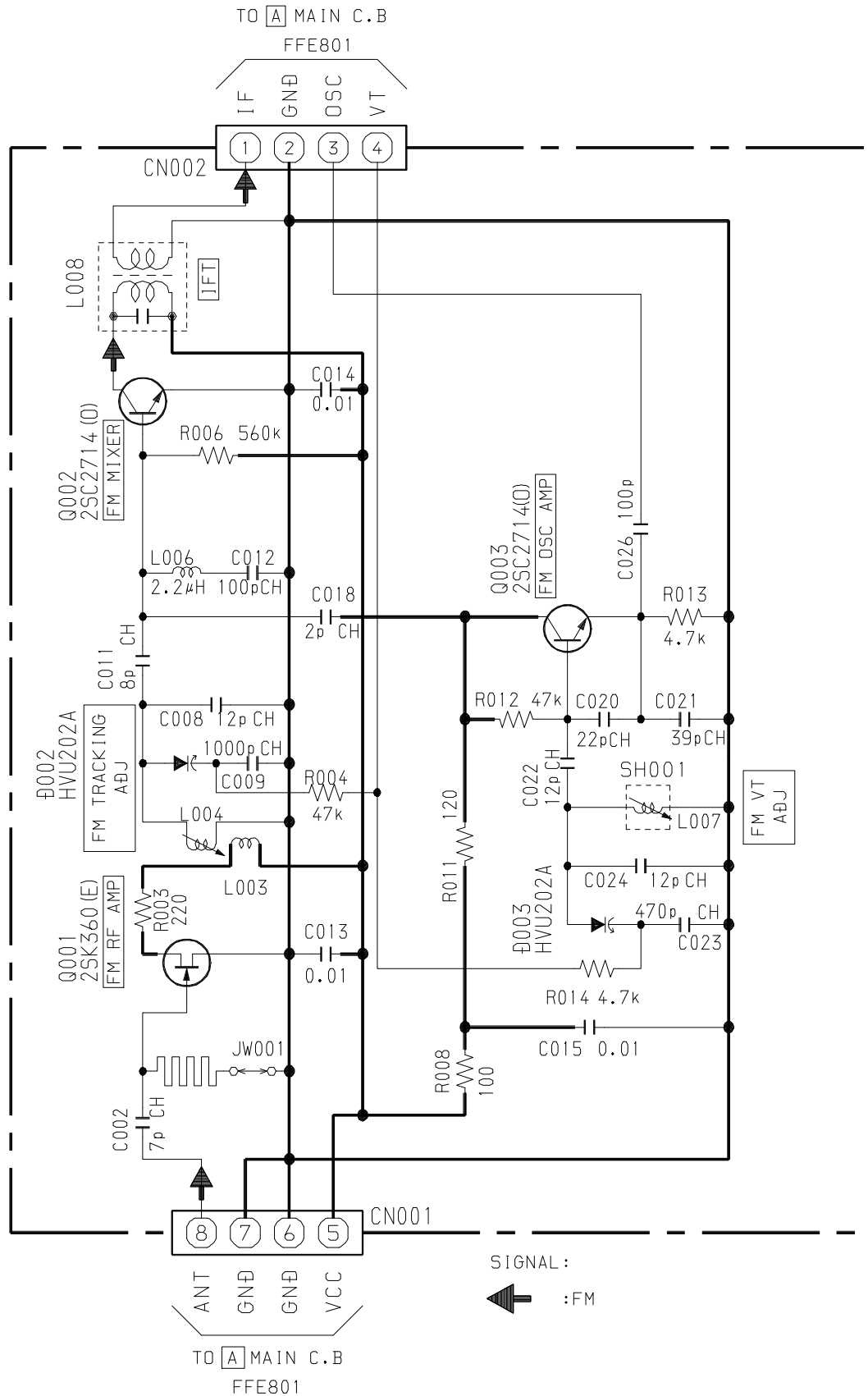
05 NOV 1998




- LIVE (HOT)
- NEUTRAL (COLD)

W001
AC-CORD
ASSY.

SCHEMATIC DIAGRAM - 9 (TUNER FRONT END)



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	

アイワ株式会社
AIWA CO.,LTD.

9420208

Tokyo Japan