

aiwa



CSD-EX180

MANUAL
SERVICE

COMPACT DISC STEREO
RADIO CASSETTE RECORDER

• TYPE: LH

SIMPLE MANUAL

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

S/M Code No. 09-993-409-6T1

ELECTRICAL MAIN PARTS LIST - 1/5

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

LH	REF.NO	PARTS NO.	XX KANRI NO.	DESCRIPTION	B. SUFFIX
C	305	87-010-213-080	0E	C-CAP, S 0.015-50 B	AB
C	308	87-010-260-080	0E	CAP, ELECT 47-25V	AB
C	309	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	304	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	301	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	303	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	302	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	307	87-010-544-080	0E	CAP, ELECT 0.1-50V	AB
C	306	87-010-546-080	0E	CAP, ELECT 0.33-50V	AB
C	319	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	312	87-010-213-080	0E	C-CAP, S 0.015-50 B	AB
C	317	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	318	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	313	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	314	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	316	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	315	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	310	87-010-544-080	0E	CAP, ELECT 0.1-50V	AB
C	311	87-010-546-080	0E	CAP, ELECT 0.33-50V	AB
C	327	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	324	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	321	87-010-260-080	0E	CAP, ELECT 47-25V	AB
C	325	87-010-400-080	0E	CAP, ELECT 0.47-50V	AB
C	326	87-010-400-080	0E	CAP, ELECT 0.47-50V	AB
C	329	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	322	87-010-402-080	0E	CAP, ELECT 2.2-50V	AB
C	320	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	330	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	337	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	331	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	333	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	332	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	338	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	336	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	335	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	339	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	334	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	341	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	346	87-010-235-080	0E	CAP, E 470-16 SME	AB
C	348	87-010-235-080	0E	CAP, E 470-16 SME	AB
C	342	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	343	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	345	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	344	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	347	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	340	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	355	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	351	87-010-401-080	0E	CAP, ELECT 1-50V	AB
CN	320	87-049-469-010	0E	CONN, 4P V	AB
CN	330	87-009-031-010	0E	CONNECTOR, 3P	AB
D	301	87-A40-466-080	0E	ZENER, MTZJ2.7A	AB
IC	302	87-A20-946-040	1D	C-IC, MM1434XF	AB
IC	301	87-A21-111-040	1C	C-IC, M62495FP	AB
IC	303	87-A21-193-010	1B	IC, TA8227P	AB
J	301	87-009-216-010	1A	JACK, DIA 3.5	AB
Q	301	89-318-154-080	0E	TR, 2SC1815 (0.4W)	AB
Q	302	89-318-154-080	0E	TR, 2SC1815 (0.4W)	AB
S	301	87-A90-815-010		SW, PUSH 2-2-6 SPUN19-S-501	AB
C	202	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	204	87-010-221-080	0E	CAP, ELECT 470-10V	AB
C	206	87-010-248-080	0E	CAP, ELECT 220-10V	AB
C	205	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	203	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	210	87-010-198-080	0E	CAP, CHIP 0.022	AB
C	212	87-010-198-080	0E	CAP, CHIP 0.022	AB
C	213	87-010-248-080	0E	CAP, ELECT 220-10V	AB
C	211	87-010-260-080	0E	CAP, ELECT 47-25V	AB
C	220	87-016-495-090	1B	CAP, E 3300-25 SMG	AB
C	233	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	232	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	234	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	231	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	230	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	261	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	264	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	265	87-010-236-080	0E	CAP, E 1000-10 SME	AB
C	262	87-010-384-080	0E	CAP, ELECT 100-25V	AB
C	263	87-010-385-080	0E	CAP, ELECT 220-25V	AB
CN	210	87-049-919-010	0E	CONN, 3P EH V WHT	AB
CN	220	87-049-469-010	0E	CONN, 4P V	AB
CN	270	87-009-361-010	1A	CONN, 5P BTMK P-1R	AB
CN	280	87-009-370-010	0E	CONN 5P BTMK	AB
D	204	87-017-148-080	0E	ZENER, HZS6A1L	AB
D	201	87-017-162-080		ZENER, HZS7C3L	AB
D	205	87-070-345-080	0E	DIODE, IN4148	AB
D	203	87-070-345-080	0E	DIODE, IN4148	AB

ELECTRICAL MAIN PARTS LIST - 2/5

D	202	87-070-345-080	0E	DIODE, IN4148	AB.....
D	206	87-070-345-080	0E	DIODE, IN4148	AB.....
D	213	87-070-136-080	0E	ZENER, MTZJ5.1B	AB.....
D	211	87-070-345-080	0E	DIODE, IN4148	AB.....
D	225	87-027-399-080	0E	ZENER, HZ7A3L (200MA)	.....
D	225	87-027-607-080	0E	ZENER, HZ7B3L	AB.....
D	221	87-070-345-080	0E	DIODE, IN4148	AB.....
D	222	87-070-345-080	0E	DIODE, IN4148	AB.....
D	220	87-070-345-080	0E	DIODE, IN4148	AB.....
D	261	87-017-139-010	0E	ZENER, HZS15-2	AB.....
IC	260	87-070-416-010	1B	IC, NJU7201 L55	AB.....
Q	201	87-026-291-080	1A	TR, DTC124XS	AB.....
Q	204	89-113-184-080	0E	TR, 2SA1318T	AB.....
Q	207	89-113-184-080	0E	TR, 2SA1318T	AB.....
Q	202	89-213-702-010	1A	TR, 2SB1370 (1.8W)	AB.....
Q	203	89-318-154-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	206	89-318-154-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	205	89-318-154-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	211	87-026-463-080	0E	TR, 2SA933S (0.3W)	AB.....
Q	210	89-112-965-080	0E	TR, 2SA1296 (0.75W)	AB.....
Q	226	87-026-291-080	1A	TR, DTC124XS	AB.....
Q	223	87-026-291-080	1A	TR, DTC124XS	AB.....
Q	222	87-026-463-080	0E	TR, 2SA933S (0.3W)	AB.....
Q	225	89-318-154-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	260	89-320-011-080	0E	TR, 2SC2001 (15W)	AB.....
Q	271	87-026-291-080	1A	TR, DTC124XS	AB.....
Q	270	89-112-965-080	0E	TR, 2SA1296 (0.75W)	AB.....
R	290	87-029-124-090	0E	RESISTOR, FUSE 1/4W 2.2	AB.....
C	401	87-010-178-080	0E	CHIP CAP 1000P	AB.....
C	405	87-010-221-080	0E	CAP, ELECT 470-10V	AB.....
C	407	87-010-248-080	0E	CAP, ELECT 220-10V	AB.....
C	402	87-012-157-080	0E	C-CAP, S 330P-50 CH	AB.....
C	403	87-012-157-080	0E	C-CAP, S 330P-50 CH	AB.....
C	411	87-010-177-080	0E	C-CAP, S 820P-50 SL	AB.....
C	419	87-010-177-080	0E	C-CAP, S 820P-50 SL	AB.....
C	412	87-010-260-080	0E	CAP, ELECT 47-25V	AB.....
C	415	87-010-379-080	0E	CAP, ELECT 22-16V	AB.....
C	417	87-010-384-080	0E	CAP, ELECT 100-25V	AB.....
C	418	87-010-402-080	0E	CAP, ELECT 2.2-50V	AB.....
C	410	87-010-402-080	0E	CAP, ELECT 2.2-50V	AB.....
C	416	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB.....
C	413	87-012-158-080	0E	C-CAP, S 390P-50 CH	AB.....
C	425	87-010-177-080	0E	C-CAP, S 820P-50 SL	AB.....
C	426	87-010-186-080	0E	CAP, CHIP 4700P	AB.....
C	424	87-010-194-080	0E	CAP, CHIP 0.047	AB.....
C	428	87-010-260-080	0E	CAP, ELECT 47-25V	AB.....
C	422	87-010-379-080	0E	CAP, ELECT 22-16V	AB.....
C	427	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB.....
C	423	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB.....
C	429	87-012-153-080	0E	C-CAP, S 120P-50 CH	AB.....
C	420	87-012-158-080	0E	C-CAP, S 390P-50 CH	AB.....
C	433	87-010-177-080	0E	C-CAP, S 820P-50 SL	AB.....
C	434	87-010-186-080	0E	CAP, CHIP 4700P	AB.....
C	437	87-010-213-080	0E	C-CAP, S 0.015-50 B	AB.....
C	430	87-010-213-080	0E	C-CAP, S 0.015-50 B	AB.....
C	439	87-010-401-010	0E	CAP, ELECT 1-50V	AB.....
C	432	87-010-401-010	0E	CAP, ELECT 1-50V	AB.....
C	435	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB.....
C	431	87-010-405-080	0E	CAP, ELECT 10-50V	AB.....
C	438	87-010-405-080	0E	CAP, ELECT 10-50V	AB.....
C	436	87-012-153-080	0E	C-CAP, S 120P-50 CH	AB.....
C	442	87-010-405-080	0E	CAP, ELECT 10-50V	AB.....
C	455	87-010-194-080	0E	CAP, CHIP 0.047	AB.....
CN	410	87-049-469-010	0E	CONN, 4P V	AB.....
CN	420	87-009-030-010	0E	CONNECTOR 2P PH M	AB.....
D	402	87-070-345-080	0E	DIODE, IN4148	AB.....
D	403	87-070-345-080	0E	DIODE, IN4148	AB.....
D	404	87-070-345-080	0E	DIODE, IN4148	AB.....
D	410	87-070-345-080	0E	DIODE, IN4148	AB.....
D	411	87-070-345-080	0E	DIODE, IN4148	AB.....
IC	420	87-A21-145-040		C-IC, BA4560F-E2	AB.....
IC	430	87-A21-145-040		C-IC, BA4560F-E2	AB.....
L	401	87-007-342-010	0E	COIL, OSC 85K BIAS	AB.....
Q	408	87-026-462-080	0E	TR, 2SC1740 S(RS 0.3W)	AB.....
Q	407	87-026-463-080	0E	TR, 2SA933S (0.3W)	AB.....
Q	406	87-026-463-080	0E	TR, 2SA933S (0.3W)	AB.....
Q	409	89-110-155-080	0E	TR, 2SA1015 (0.4W)	AB.....
Q	403	89-318-155-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	401	89-318-155-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	402	89-318-155-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	411	89-110-155-080	0E	TR, 2SA1015 (0.4W)	AB.....
Q	410	89-318-155-080	0E	TR, 2SC1815 (0.4W)	AB.....
Q	421	87-026-496-080	0E	FET, 2SJ103GR	AB.....
Q	420	87-026-496-080	0E	FET, 2SJ103GR	AB.....
Q	432	89-110-155-080	0E	TR, 2SA1015 (0.4W)	AB.....
Q	431	89-328-786-080	0E	TR, 2SC2878B	AB.....
Q	430	89-328-786-080	0E	TR, 2SC2878B	AB.....
S	410	87-A91-173-010	0E	SW, SL 2-2-3 SK23E01G04	AB.....
C	604	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB.....
C	603	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	605	87-010-248-080	0E	CAP, ELECT 220-10V	AB.....
C	601	87-010-313-080	0E	CAP, CHIP 18P	AB.....

ELECTRICAL MAIN PARTS LIST - 3/5

C	602	87-010-313-080	0E	CAP, CHIP 18P	AB
C	612	87-010-400-080	0E	CAP, ELECT 0.47-50V	AB
C	611	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	686	87-010-317-080	0E	C-CAP, S 39P-50 CH	AB
C	686	87-010-319-080	0E	C-CAP, S 56P-50 CH	AB
C	690	87-010-312-080	0E	C-CAP, S 15P-50 CH	AB
CN	610	87-A60-057-010	0E	CONN, 11P V 9604S-11C	AB
CN	630	87-009-030-010	0E	CONNECTOR 2P PH M	AB
CN	670	87-A60-058-010	0E	CONN, 10P V 9604S-10C	AB
D	604	87-070-345-080	0E	DIODE, IN4148	AB
D	605	87-070-345-080	0E	DIODE, IN4148	AB
D	602	87-070-345-080	0E	DIODE, IN4148	AB
D	603	87-070-345-080	0E	DIODE, IN4148	AB
IC	601	8Z-CD5-636-010	1H	IC, LC865508A-****	AB
Q	602	87-026-291-080	1A	TR, DTC124XS	AB
Q	604	87-026-291-080	1A	TR, DTC124XS	AB
Q	603	87-026-463-080	0E	TR, 2SA933S (0.3W)	AB
Q	690	87-026-447-080	0E	TR, 2SC1740S R	AB
X	601	87-030-273-010	1A	VIB, XTAL 32.768K5PPM	AB
X	602	87-030-376-080	1A	VIB, CER CSA5.76MG200	AB
CN	620	87-099-753-010		CONN, 11P H 9604	AB
CN	680	87-A60-077-010	0E	CONN, 10P H 9604S-10F	AB
D	601	87-A91-172-010	1B	LED, SA36-11HWA-11.0MM RED	AB
D	611	87-A40-622-010	0E	LED, L-34HDSL RED	AB
D	614	87-A40-622-010	0E	LED, L-34HDSL RED	AB
D	613	87-A40-623-010	0E	LED, L-34GDSL GRN	AB
D	612	87-A40-623-010	0E	LED, L-34GDSL GRN	AB
Q	614	87-026-211-080	0E	TR, DTA144EK	AB
Q	610	87-026-235-080	0E	CHIP-TR, DTC114EK	AB
Q	612	87-026-235-080	0E	CHIP-TR, DTC114EK	AB
Q	613	87-026-235-080	0E	CHIP-TR, DTC114EK	AB
Q	611	87-026-235-080	0E	CHIP-TR, DTC114EK	AB
S	606	87-036-385-010	0E	SW, TACT SKHHL M	AB
S	608	87-036-385-010	0E	SW, TACT SKHHL M	AB
S	607	87-036-385-010	0E	SW, TACT SKHHL M	AB
S	603	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
S	601	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
S	604	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
S	605	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
S	602	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
S	611	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
S	620	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
S	621	87-A90-164-080	0E	SW, TACT SKQAB(N)	AB
C	501	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	504	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	509	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	503	87-010-221-080	0E	CAP, ELECT 470-10V	AB
C	502	87-010-221-080	0E	CAP, ELECT 470-10V	AB
C	508	87-010-236-080	0E	CAP, E 1000-10 SME	AB
C	507	87-018-209-080	0E	CAP, CER 0.1-50V	AB
C	506	87-018-209-080	0E	CAP, CER 0.1-50V	AB
C	510	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	511	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	516	87-010-545-080	0E	CAP, ELECT 0.22-50V	AB
C	515	87-012-157-080	0E	C-CAP, S 330P-50 CH	AB
C	514	87-018-209-080	0E	CAP, CER 0.1-50V	AB
C	513	87-018-209-080	0E	CAP, CER 0.1-50V	AB
C	525	87-010-176-080	0E	C-CAP, S 680P-50 SL	AB
C	527	87-010-186-080	0E	CAP, CHIP 4700P	AB
C	529	87-010-545-080	0E	CAP, ELECT 0.22-50V	AB
C	528	87-012-156-080	0E	C-CAP, S 220P-50 CH	AB
C	533	87-010-184-080	0E	CHIP CAPACITOR 3300P(K)	AB
C	538	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	536	87-010-314-080	0E	C-CAP, S 22P-50V	AB
C	531	87-010-374-080	0E	CAP, ELECT 47-10V	AB
C	532	87-010-401-080	0E	CAP, ELECT 1-50V	AB
C	539	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	530	87-012-140-080	0E	CAP 470P	AB
C	540	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	545	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	548	87-010-248-080	0E	CAP, ELECT 220-10V	AB
C	547	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	546	87-010-374-080	0E	CAP, ELECT 47-10V	AB
C	541	87-010-405-080	0E	CAP, ELECT 10-50V	AB
C	543	87-010-544-080	0E	CAP, ELECT 0.1-50V	AB
C	551	87-010-178-080	0E	CHIP CAP 1000P	AB
C	557	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	552	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	556	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	558	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB
C	553	87-010-248-080	0E	CAP, ELECT 220-10V	AB
C	554	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	559	87-010-315-080	0E	C-CAP, S 27P-50 CH	AB
C	550	87-010-374-080	0E	CAP, ELECT 47-10V	AB
C	555	87-010-403-080	0E	CAP, ELECT 3.3-50V	AB
C	566	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	561	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	562	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB
C	565	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	560	87-010-263-080	0E	CAP, ELECT 100-10V	AB
C	569	87-010-404-080	0E	CAP, ELECT 4.7-50V	AB
C	563	87-012-156-080	0E	C-CAP, S 220P-50 CH	AB

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C	564	87-018-121-080	0E	CAP, CER 150P-50V	AB.....
C	567	87-018-127-080	0E	CAP, CER 470P-50V	AB.....
C	573	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB.....
C	572	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB.....
C	574	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	571	87-010-248-080	0E	CAP, ELECT 220-10V	AB.....
C	579	87-010-263-080	0E	CAP, ELECT 100-10V	AB.....
C	576	87-010-312-080	0E	C-CAP, S 15P-50 CH	AB.....
C	575	87-010-312-080	0E	C-CAP, S 15P-50 CH	AB.....
C	578	87-018-209-080	0E	CAP, CER 0.1-50V	AB.....
C	582	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB.....
C	585	87-010-405-080	0E	CAP, ELECT 10-50V	AB.....
C	583	87-010-405-080	0E	CAP, ELECT 10-50V	AB.....
C	580	87-012-153-080	0E	C-CAP, S 120P-50 CH	AB.....
C	586	87-012-156-080	0E	C-CAP, S 220P-50 CH	AB.....
C	584	87-012-156-080	0E	C-CAP, S 220P-50 CH	AB.....
C	589	87-018-119-080	0E	CAP, CER 100P-50V	AB.....
C	587	87-018-119-080	0E	CAP, CER 100P-50V	AB.....
C	581	87-018-119-080	0E	CAP, CER 100P-50V	AB.....
C	593	87-010-196-080	0E	CHIP CAPACITOR, 0.1-25	AB.....
C	591	87-018-119-080	0E	CAP, CER 100P-50V	AB.....
C	592	87-018-119-080	0E	CAP, CER 100P-50V	AB.....
C	590	87-018-119-080	0E	CAP, CER 100P-50V	AB.....
CN	520	87-A60-424-010	0E	CONN, 16P V TOC-B	AB.....
D	501	87-070-345-080	0E	DIODE, IN4148	AB.....
D	504	87-070-345-080	0E	DIODE, IN4148	AB.....
D	503	87-070-345-080	0E	DIODE, IN4148	AB.....
D	502	87-070-345-080	0E	DIODE, IN4148	AB.....
D	505	87-070-345-080	0E	DIODE, IN4148	AB.....
IC	501	87-A20-446-010	1E	C-IC, LA9241ML	AB.....
IC	502	87-A20-459-010	2A	C-IC, LC78622ED	AB.....
IC	503	87-A20-856-010	1D	IC, BA6898S	AB.....
L	501	87-003-102-080	0E	COIL, 10UH	AB.....
L	504	87-005-847-080	0E	COIL, 2.2UH(CECS)	AB.....
L	505	87-008-372-010	0E	FILTER, EMI BL OIRNI	AB.....
L	502	87-008-372-010	0E	FILTER, EMI BL OIRNI	AB.....
Q	502	87-026-291-080	1A	TR, DTC124XS	AB.....
Q	504	87-026-463-080	0E	TR, 2SA933S (0.3W)	AB.....
Q	501	89-112-965-080	0E	TR, 2SA1296 (0.75W)	AB.....
Q	503	89-113-184-080	0E	TR, 2SA1318T	AB.....
SFR	501	87-024-276-080	0E	SFR, 100K DIA6 V TP	AB.....
X	501	81-592-641-080	1A	CERALOCK 16.93MHZ	AB.....
C	902	87-A11-132-080	0E	CAP, TC U 0.01-50 K B	AB.....
C	904	87-A11-132-080	0E	CAP, TC U 0.01-50 K B	AB.....
C	903	87-A11-132-080	0E	CAP, TC U 0.01-50 K B	AB.....
C	901	87-A11-132-080	0E	CAP, TC U 0.01-50 K B	AB.....
CN	910	87-049-919-010	0E	CONN, 3P EH V WHT	AB.....
D	903	87-A40-465-090	0E	DIODE, FR202	AB.....
D	904	87-A40-465-090	0E	DIODE, FR202	AB.....
D	901	87-A40-465-090	0E	DIODE, FR202	AB.....
D	902	87-A40-465-090	0E	DIODE, FR202	AB.....
F	901	87-A90-092-080	1A	PROTECTOR, 2.5A 491	AB.....
C	9	87-010-154-080	0E	CAP CHIP 10P	AB.....
C	8	87-010-182-080	0E	C-CAP, S 2200P-50 B	AB.....
C	9	87-010-311-080	0E	CAP 12P	AB.....
C	1	87-010-314-080	0E	C-CAP, S 22P-50V	AB.....
C	3	87-010-314-080	0E	C-CAP, S 22P-50V	AB.....
C	2	87-010-316-080	0E	C-CAP, S 33P-50 CH	AB.....
C	3	87-010-317-080	0E	C-CAP, S 39P-50 CH	AB.....
C	2	87-010-318-080	0E	C-CAP, S 47P-50 CH	AB.....
C	6	87-010-378-080	0E	CAP, ELECT 10-16V	AB.....
C	7	87-018-208-080	0E	CAP, 0.047-50F	AB.....
C	13	87-010-148-080	0E	CAP, CHIP S 75P SL	AB.....
C	11	87-010-154-080	0E	CAP CHIP 10P	AB.....
C	16	87-010-178-080	0E	CHIP CAP 1000P	AB.....
C	10	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	15	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	18	87-010-198-080	0E	CAP, CHIP 0.022	AB.....
C	12	87-010-314-080	0E	C-CAP, S 22P-50V	AB.....
C	14	87-010-400-080	0E	CAP, ELECT 0.47-50V	AB.....
C	19	87-010-544-080	0E	CAP, ELECT 0.1-50V	AB.....
C	17	87-016-669-080	0E	C-CAP, S 0.1-25 K B	AB.....
C	28	87-010-194-080	0E	CAP, CHIP 0.047	AB.....
C	29	87-010-194-080	0E	CAP, CHIP 0.047	AB.....
C	25	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	22	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	24	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	20	87-010-400-080	0E	CAP, ELECT 0.47-50V	AB.....
C	21	87-010-403-080	0E	CAP, ELECT 3.3-50V	AB.....
C	26	87-016-460-080	0E	C-CAP, S 0.22-16 B	AB.....
C	27	87-016-460-080	0E	C-CAP, S 0.22-16 B	AB.....
C	32	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	33	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	34	87-010-197-080	0E	CAP, CHIP 0.01 DM	AB.....
C	30	87-010-248-080	0E	CAP, ELECT 220-10V	AB.....
C	35	87-010-314-080	0E	C-CAP, S 22P-50V	AB.....
C	38	87-010-318-080	0E	C-CAP, S 47P-50 CH	AB.....
C	38	87-010-321-080	0E	CHIP CAPACITOR, 82P(J)	AB.....
C	31	87-010-379-080	0E	CAP, ELECT 22-16V	AB.....
C	37	87-012-155-080	0E	C-CAP 180P-50CH	AB.....
C	46	87-010-175-080	0E	CAP 560P	AB.....
C	41	87-010-318-080	0E	C-CAP, S 47P-50 CH	AB.....

ELECTRICAL MAIN PARTS LIST - 5/5

C	44	87-012-155-080	0E	C-CAP 180P-50CH	.....
C	44	87-012-156-080	0E	C-CAP, S 220P-50 CH	.....
CF	3	82-785-747-080	1A	CF, MS2 GHY, R	AB.....
CF	2	82-785-747-080	1A	CF, MS2 GHY, R	AB.....
CF	1	87-A90-128-010	0E	FLTR, AM IF CFAL-455	AB.....
D	2	87-020-465-080	0E	DIODE, 1SS133 (110MA)	AB.....
D	4	87-020-465-080	0E	DIODE, 1SS133 (110MA)	AB.....
D	1	87-020-465-080	0E	DIODE, 1SS133 (110MA)	AB.....
D	3	87-A40-226-080	0E	VARI-CAP, SVC251SPA	AB.....
IC	1	87-A20-955-010	1C	IC, LA1828	AB.....
JR	2	87-010-178-080	0E	CHIP CAP 1000P	.....
L	9	87-A50-334-010	1A	COIL, FM DET (TOKO)	AB.....
L	8	87-A50-335-010	1A	COIL, FM IFT (TOKO)	AB.....
L	7	87-A50-336-010	1A	COIL, AM IFT (TOKO)	AB.....
L	6	87-A50-337-010	1A	COIL, AM OSC (TOKO)	AB.....
L	5	87-A50-342-010	0E	COIL, FM OSC D	.....
L	5	87-A50-343-010	0E	COIL, FM OSC EX	AB.....
L	4	87-A50-345-010	0E	COIL, FM RF EX	AB.....
L	2	87-A50-346-010	0E	COIL, FM BPF D	.....
L	2	87-A50-347-010	0E	COIL, FM BPF EX	AB.....
L	3	87-A50-348-010		COIL, BAR ANT LW/MW (COI)	.....
L	3	87-A50-349-010		COIL, BAR ANT AMW (COI)	AB.....
L	3	87-A50-350-010		COIL, BAR ANT AMN (COI)	.....
L	3	87-A50-448-010		COIL, BAR ANT MW HE (COI)	.....
L	10	87-003-102-080	0E	COIL, 10UH	AB.....
L	17	87-A50-337-010	1A	COIL, AM OSC (TOKO)	.....
L	16	87-A50-337-010	1A	COIL, AM OSC (TOKO)	.....
L	16	87-A50-339-010		COIL, LW OSC (TOKO)	.....
L	17	87-A50-340-010		COIL, SW OSC (TOKO)	.....
L	11	87-A50-341-010		COIL, SW ANT (TOKO)	.....
L	41	87-003-143-080	0E	COIL 4.7 UH	.....
Q	3	87-026-215-080	0E	TR, DTC114YS	AB.....
Q	2	87-026-572-080	0E	TR, DTA114TS	AB.....
Q	4	89-109-521-080	0E	TR, 2SA952 (0.6W)	.....
Q	1	89-319-233-080	0E	TR, 2SC1923 (0.1W)	AB.....
S	1	87-A91-174-010	0E	SW, SL 2-4-2 SK42H01G06	AB.....
S	1	87-A91-175-010		SW, SL 2-4-3 SK43D01G06	.....
TC	6	87-011-220-080	1A	TRIMMER CAP 20P VTC	.....
TC	5	87-011-221-080	1A	CAP, TRIMMER 30P	.....
VC	1	87-A91-315-010		TUN-CAP, 40P-140P D (TWD)	.....
VC	1	87-A91-316-010		TUN-CAP, 20P-160P U (TWD)	AB.....
VC	1	87-A91-317-010		TUN-CAP, 20P-335P H (TWD)	.....
VC	1	87-A91-318-010		TUN-CAP, 20P-140P E (TWD)	.....

MECHANICAL PARTS LIST - 1/2

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

LH	REF.NO	PARTS NO.	XX KANRI NO.	DESCRIPTION	B. SUFFIX
		84-CD8-083-010	0E	BADGE, AIWA 30.5-5.2 2.5LEAD	AB
		88-CH6-019-010		PANEL, CD	AB
		8Z-CD8-001-010		CABI, FRONT	AB
		8Z-CD8-002-010		CABI, REAR	AB
		8Z-CD8-003-010		LID, CD	AB
		8Z-CD8-004-010		LID, CASS	AB
		8Z-CD8-005-010		CHAS, CD	AB
		8Z-CD8-006-010		PANEL, CONT	AB
		8Z-CD8-007-010		HLDR, CASS	AB
		8Z-CD8-008-010		LID, BATT	AB
		8Z-CD8-009-010		ARM, MAIN HANDL	AB
		8Z-CD8-010-010		COVER, HANDLE	AB
		8Z-CD8-012-010		WINDOW, DIAL	AB
		8Z-CD8-013-010		WINDOW, CD	AB
		8Z-CD8-014-010		WINDOW, CASS DOOR	AB
		8Z-CD8-016-010		POINTER, TUNER	AB
		8Z-CD8-036-010		GRILLE, SPKR L	AB
		8Z-CD8-037-010		GRILLE, SPKR R	AB
		8Z-CD8-041-010		CABI, FRONT D	
		8Z-CD8-042-010		CABI, REAR D	
		8Z-CD8-043-010		LID, CD D	
		8Z-CD8-044-010		LID, CASS D	
		8Z-CD8-045-010		PANEL, CONT D	
		8Z-CD8-046-010		WINDOW, LED D	
		8Z-CD8-047-010		WINDOW, DIAL D	
		8Z-CD8-048-010		WINDOW, CD D	
		8Z-CD8-052-010		WINDOW, DIAL EZ	
		8Z-CD8-053-010		CABI, REAR EZ	
		8Z-CD8-059-010		WINDOW, DIAL LH	AB
		8Z-CD8-060-010		CABI, REAR HE	
		8Z-CD8-061-010		WINDOW, DIAL HE	
		8Z-CD8-064-010		WINDOW, LED EX	AB
		8Z-CD8-017-010		KEY, CASS SET PAUSE	AB
		8Z-CD8-018-010		KEY, CASS SET STOP	AB
		8Z-CD8-019-010		KEY, CASS SET F F	AB
		8Z-CD8-020-010		KEY, CASS SET REW	AB
		8Z-CD8-021-010		KEY, CASS SET PLAY	AB
		8Z-CD8-022-010		KEY, CASS SET REC	AB
		8Z-CD8-023-010		KEY, Q SOUND	AB
		8Z-CD8-024-010		KEY, REPEAT	AB
		8Z-CD8-025-010		KEY, CD PLAY	AB
		8Z-CD8-026-010		KEY, CD SKIP	AB
		8Z-CD8-027-010		KEY, SET TAPE	AB
		8Z-CD8-028-010		KEY, SET TUNER	AB
		8Z-CD8-029-010		KEY, SET CD	AB
		8Z-CD8-030-010		KEY, VOL UP	AB
		8Z-CD8-031-010		KEY, VOL DOWN	AB
		8Z-CD8-032-010		KNOB, RTRY TUNING	AB
		8Z-CD8-033-010		KNOB, SL BAND	AB
		8Z-CD8-034-010		KNOB, SL BEAT	AB
		8Z-CD8-035-010		KEY, EQ	AB
		8Z-CD8-049-010		KEY, SET TAPE D	
		8Z-CD8-050-010		KEY, SET TUNE D	
		8Z-CD8-051-010		KEY, SET CD D	
		8Z-CD8-038-010		PLATE, VOL SEL	
		8Z-CD8-212-010	0E	SPR-T, CAM CD	AB
		84-CD5-215-010	0E	GEAR	AB
		84-CD5-216-010	0E	BRACKET	AB
		84-CT5-209-010		PLATE, MAGNET	AB
		87-036-368-010	0E	MAGNET	AB
		87-A90-147-010		COVER, AC SEL SW	AB
		87-CD7-206-010		DOOR, CD LOCKER	AB
		87-CD7-207-010		HLDR, LOCKER	AB
		88-CD8-207-010		SPR-T, LID CD	AB
		88-CD8-209-010		SPR-C, BATT	AB
		88-CD8-222-010		SPR-P, DAMP CD	AB
		88-CD9-207-010		COVER, AC SOCKET	AB
		88-CD9-210-010	1A	BASE, CHUCK	AB
		88-CD9-211-010		RING, CHUCK	AB
		8Z-CD8-201-010		HLDR, DOOR CD	AB
		8Z-CD8-202-010		GEAR, PVC	AB
		8Z-CD8-203-010		HLDR, PVC	AB
		8Z-CD8-205-010		HLDR, KEY FUNCTION	AB
		8Z-CD8-206-010		HLDR, LED	AB
		8Z-CD8-207-010		W, TUNING	AB
		8Z-CD8-208-010		HLDR, SPKR	AB
		8Z-CD8-209-010		HLDR, HANDLE L	AB
		8Z-CD8-210-010		HLDR, HANDLE R	AB
		8Z-CD8-211-010		SPR-T, LID CASS	AB
		8Z-CD8-212-010		SPR-C, KEY VOL	AB
		8Z-CD8-215-010		HLDR, BAR ANT	AB
		8Z-CD8-216-010		GEAR, TU	AB
		8Z-CSA-202-010		HLDR, PCB	AB
		87-251-091-410	0E	U+3-3	AB
		87-261-032-410	0E	V+2-3 GLD	AB
		87-261-096-410	0E	SCREW, V+3-10 GLD	AB

MECHANICAL PARTS LIST - 2/2

	87-651-035-410	0E	VT1 2-6 GLD	AB.....
	87-661-096-410	0E	SCREW,VFT1+3-10	AB.....
	87-741-074-410	0E	UT2+2.6-8	AB.....
	87-741-096-410	0E	UT2+3-10	AB.....
	87-741-102-410	0E	UT2+3-20	AB.....
	87-745-094-410	0E	UT2+3-6	AB.....
	87-751-034-410	0E	SCREW VT2+2-5	AB.....
	87-B10-102-010	0E	UT2+3-15 W/O	AB.....
	81-590-677-010	1A	SWITCH LEAF	AB.....
	87-043-116-010	1C	ANT,WHIP	AB.....
	87-A60-178-010		JACK,AC E W/SW	AB.....
	87-A60-179-010	1A	JACK,AC D W/SW	.....
	87-A90-146-010	0E	SW,SL 1-1-2	AB.....
	8Z-CD8-617-010		PT,D	.....
	8Z-CD8-619-010		PT,E	.....
	8Z-CD8-621-010		FF-CABLE, 16P 1.0 130MM CD-RF	AB.....
	8Z-CD8-622-010		FF-CABLE, 10P 1.25 280MM FRONT	AB.....
	8Z-CD8-623-010		FF-CABLE, 11P 1.25 200MM FRONT	AB.....
	8Z-CD8-630-010		WIRE ASSY, 210 26 FM-ANT	AB.....
CNA 510	8Z-CD8-628-010		CONN ASSY,6P CD-MOTOR	AB.....
CNA 640	8Z-CD8-633-010		CONN ASSY,15P MICOM	AB.....
SP 2	88-CD8-622-010	1F	SPKR,F 77 70HM 3W	AB.....
SP 1	88-CD8-622-010	1F	SPKR,F 77 70HM 3W	AB.....

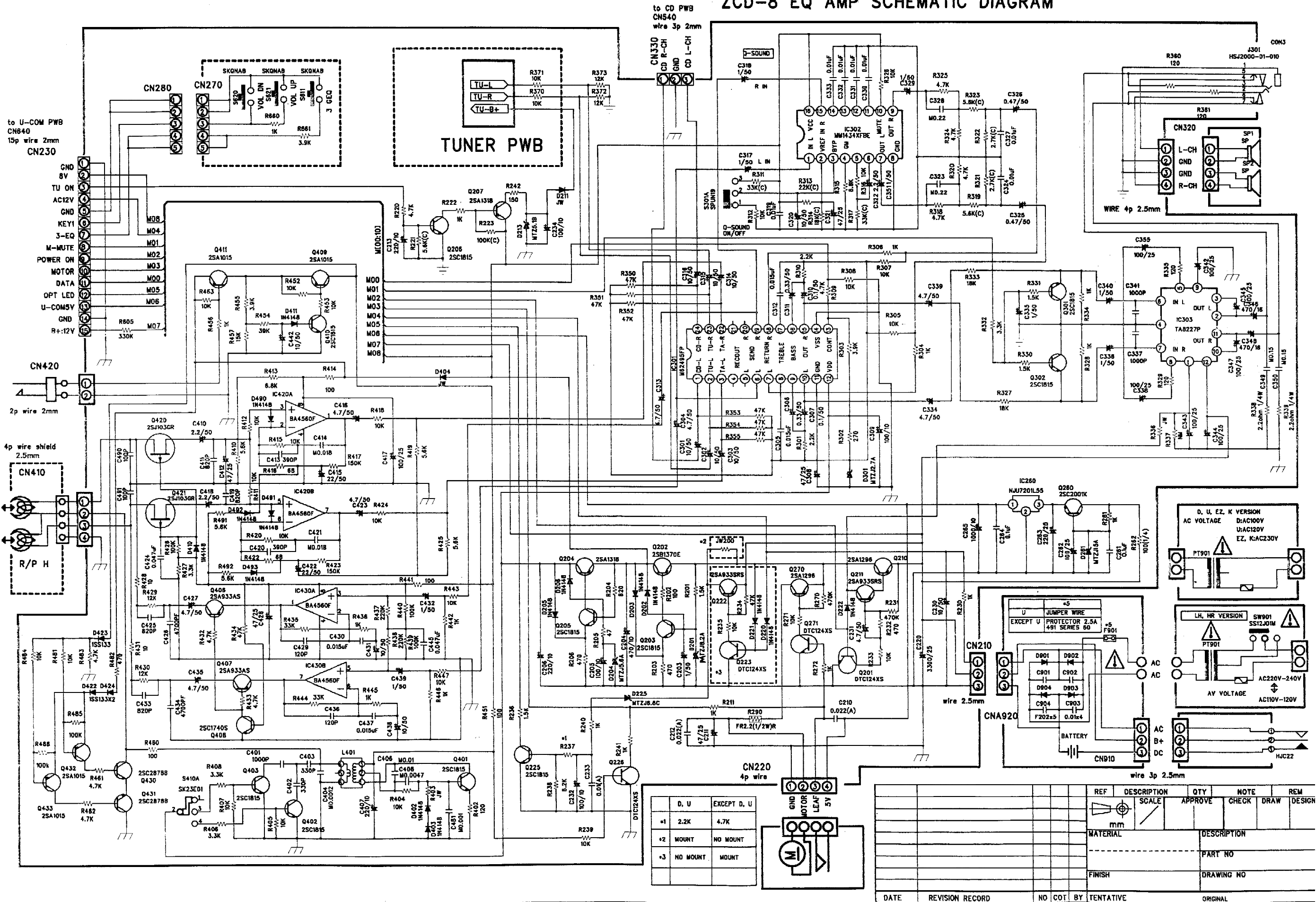
ACCESSORIES / PACKAGE LIST - 1/1

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

LH	XX.....	B.....
REF.NO	PARTS NO.	NO.
		DESCRIPTION
		SUFFIX
8Z-CD8-901-010	IB, D(J)B	.....
8Z-CD8-906-010	IB, LH(ESP)B	.B.....
8Z-CD8-907-010	IB, H(ECA)B	.....
8Z-CD8-908-010	IB, EZ(9L)B	.....
8Z-CD8-909-010	IB, K(E)B	.....
87-099-789-010	1B PLUG, ADPTR IR44	AB.....
87-099-811-010	1E PLUG, ADPTR CONV(K)	.....
87-A80-033-010	1C AC CORD SET, D BLK	.....
87-A80-081-010	1C AC CORD SET ASSY, EZ BLK	AB.....
87-A80-119-010	1C AC CORD SET ASSY, AZ	.....

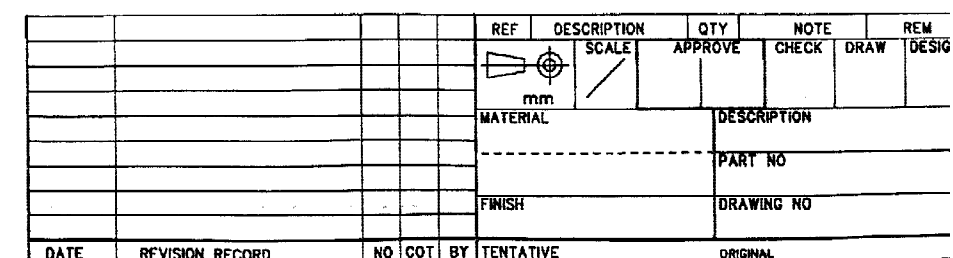
SCHEMATIC DIAGRAM - 1 (MAIN)

ZCD-8 EQ AMP SCHEMATIC DIAGRAM

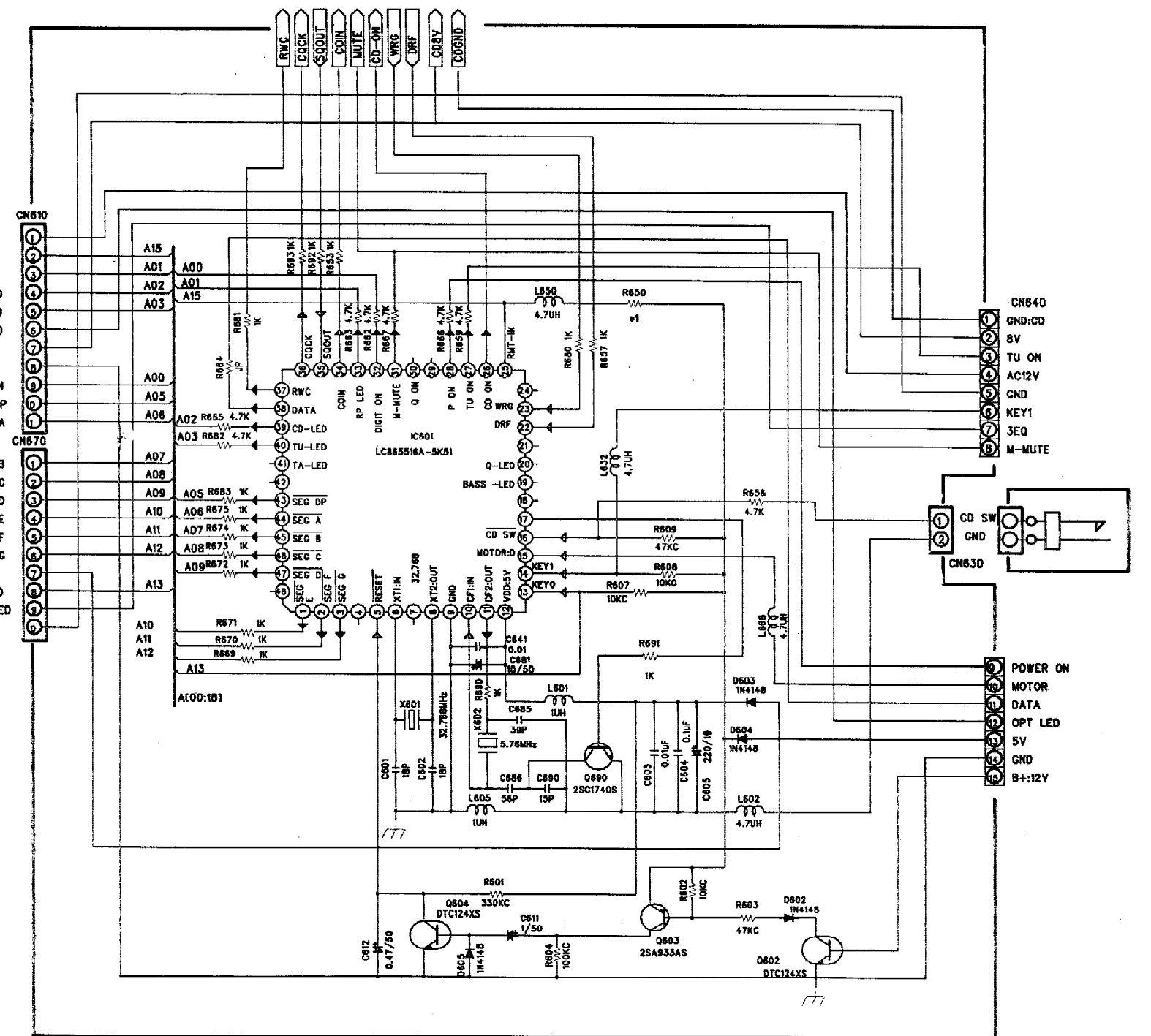
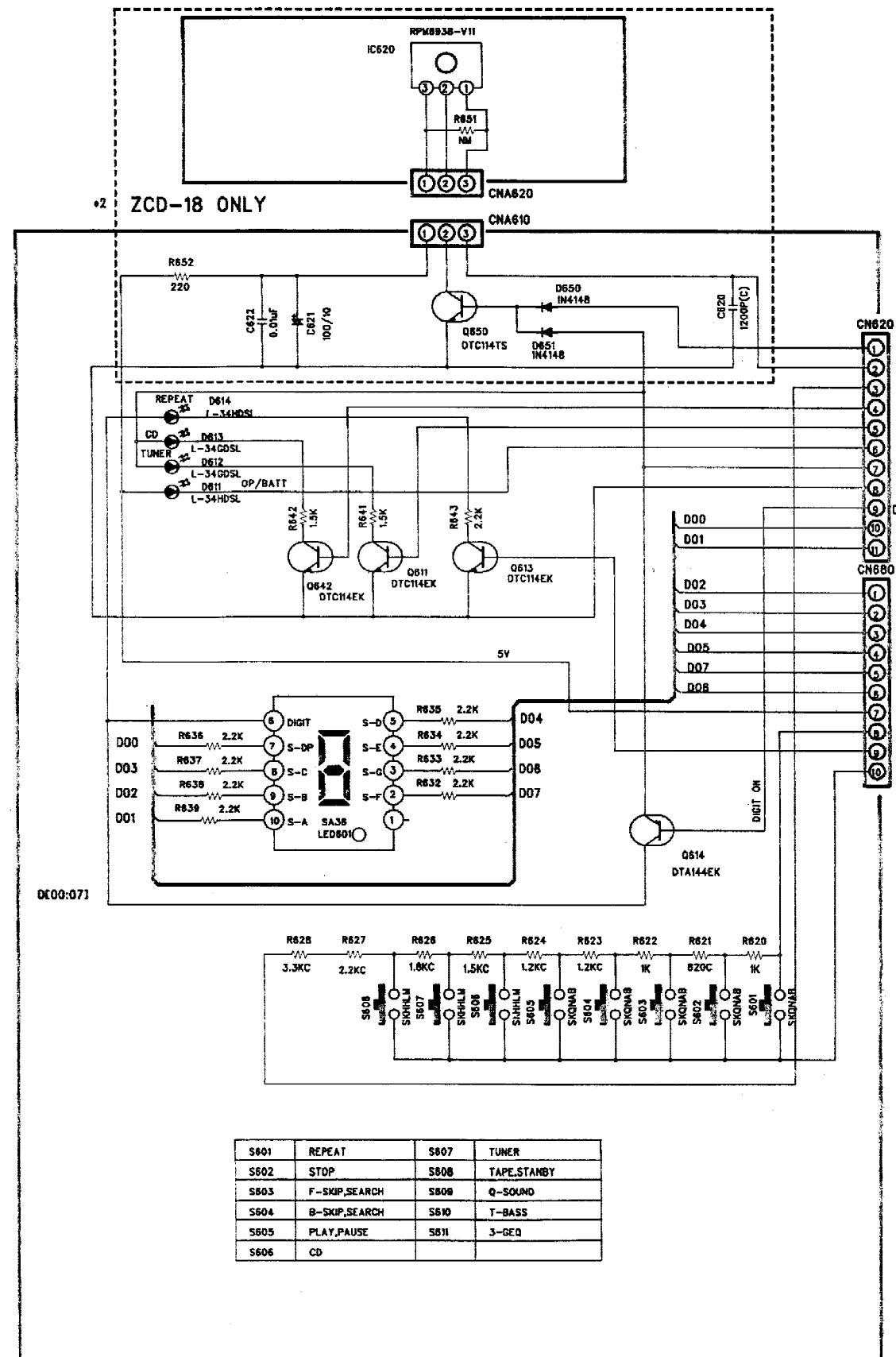


	D, U	EXCEPT D, U
*1	2.2K	4.7K
*2	MOUNT	NO MOUNT
*3	NO MOUNT	MOUNT

REF	DESCRIPTION	QTY	NOTE	REM
1	SCALE	APPROVE	CHECK	DRAW
2	APPROVE	CHECK	DRAW	DESIGN
3	APPROVE	CHECK	DRAW	DESIGN
4	APPROVE	CHECK	DRAW	DESIGN
5	APPROVE	CHECK	DRAW	DESIGN
6	APPROVE	CHECK	DRAW	DESIGN
7	APPROVE	CHECK	DRAW	DESIGN
8	APPROVE	CHECK	DRAW	DESIGN
9	APPROVE	CHECK	DRAW	DESIGN
10	APPROVE	CHECK	DRAW	DESIGN
11	APPROVE	CHECK	DRAW	DESIGN
12	APPROVE	CHECK	DRAW	DESIGN
13	APPROVE	CHECK	DRAW	DESIGN
14	APPROVE	CHECK	DRAW	DESIGN
15	APPROVE	CHECK	DRAW	DESIGN
16	APPROVE	CHECK	DRAW	DESIGN
17	APPROVE	CHECK	DRAW	DESIGN
18	APPROVE	CHECK	DRAW	DESIGN
19	APPROVE	CHECK	DRAW	DESIGN
20	APPROVE	CHECK	DRAW	DESIGN
21	APPROVE	CHECK	DRAW	DESIGN
22	APPROVE	CHECK	DRAW	DESIGN
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73	APPROVE	CHECK	DRAW	DESIGN
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76	APPROVE	CHECK	DRAW	DESIGN
77	APPROVE	CHECK	DRAW	DESIGN
78	APPROVE	CHECK	DRAW	DESIGN
79	APPROVE	CHECK	DRAW	DESIGN
80	APPROVE	CHECK	DRAW	DESIGN
81	APPROVE	CHECK	DRAW	DESIGN
82	APPROVE	CHECK	DRAW	DESIGN
83	APPROVE	CHECK	DRAW	DESIGN
84	APPROVE	CHECK	DRAW	DESIGN
85	APPROVE	CHECK	DRAW	DESIGN
86	APPROVE	CHECK	DRAW	DESIGN
87	APPROVE	CHECK	DRAW	DESIGN
88	APPROVE	CHECK	DRAW	DESIGN
89	APPROVE	CHECK	DRAW	DESIGN
90	APPROVE	CHECK	DRAW	DESIGN
91	APPROVE	CHECK	DRAW	DESIGN
92	APPROVE	CHECK	DRAW	DESIGN
93	APPROVE	CHECK	DRAW	DESIGN
94	APPROVE	CHECK	DRAW	DESIGN
95	APPROVE	CHECK	DRAW	DESIGN
96	APPROVE	CHECK	DRAW	DESIGN
97	APPROVE	CHECK	DRAW	DESIGN
98	APPROVE	CHECK	DRAW	DESIGN
99	APPROVE	CHECK	DRAW	DESIGN
100	APPROVE	CHECK	DRAW	DESIGN



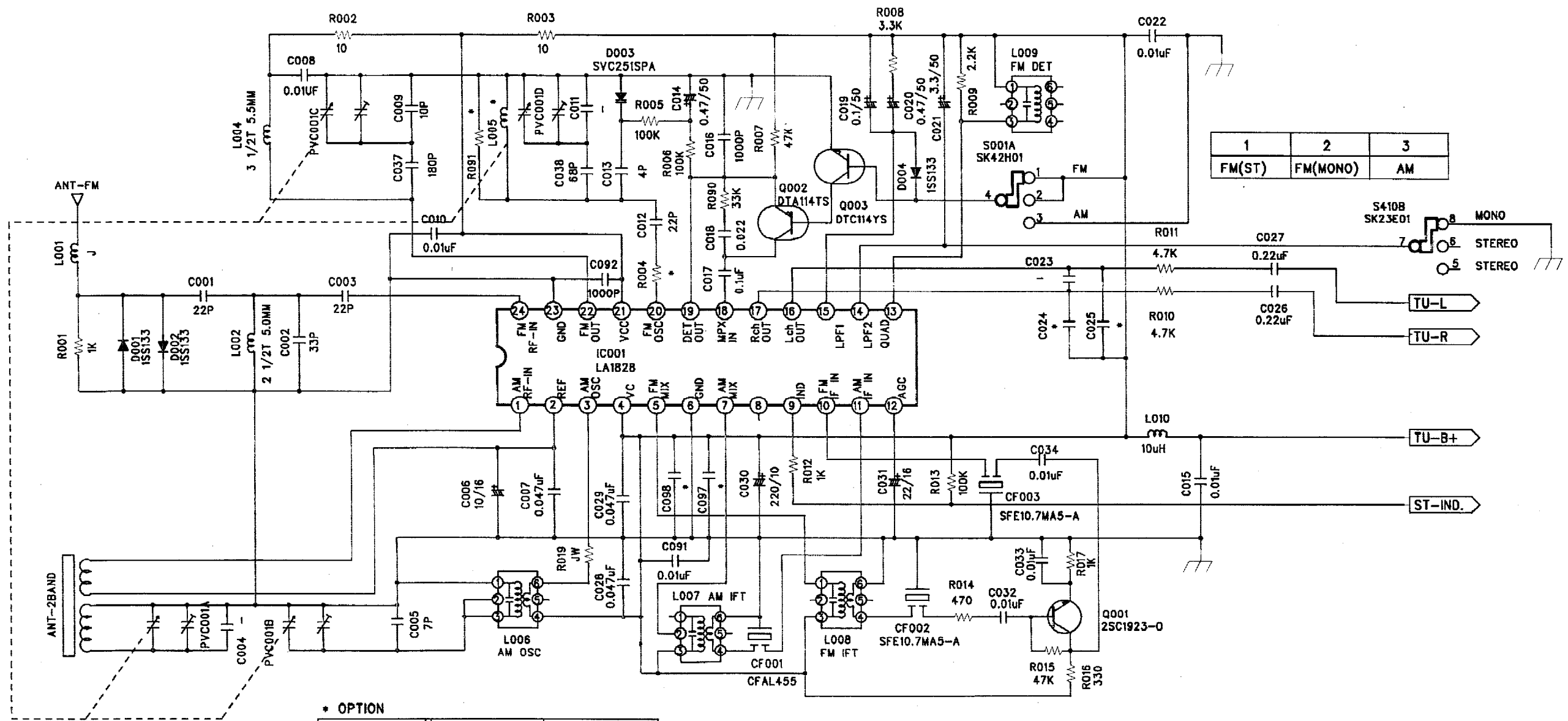
ZCD-8/18 FRONT SCHEMATIC DIAGRAM



	ZCD-8	ZCD-18
*1(R650)	100K	NO MOUNT
*2	NO MOUNT	MOUNT

[illegible]

ZCD-8/18 TUNER(2BAND LH/HR/U) SCHEMATIC DIAGRAM



* OPTION

	LH/HR	U
C024/C025	0.01uF	6800P
L005	5 1/2T 3.3MM	6 1/2T 3.0MM (WITH SHIELD CASE)
R004	10	22
R091	NM	4.7K
C098	NM	0.01uF
C097	NM	0.01uF

REF	DESCRIPTION	QTY	NOTE	REM
	SCALE	APPROVE	CHECK	DRAW
	mm			
	MATERIAL		DESCRIPTION	
			PART NO	
	FINISH		DRAWING NO	

サービス技術ニュース	
番号	連絡内容
G- -	
G- -	
G- -	

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