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CSD-ES217 CSD-ES228

COMPACT DISC STEREO
RADIO CASSETTE RECORDER

• TYPE: D(217), LH(228)

SIMPLE MANUAL

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

S/M Code No. 09-992-403-4T4

MANUAL
SERVICE

ELECTRICAL MAIN PARTS LIST - 1/4

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

217D	.....	00	.....	G	.....
228LH	.....	XX	.....	H	.....
REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX	
C	505	87-010-497-040	0E CAP, E 4.7-35 GAS	ABCEDEFGHI	.....
C	509	87-010-498-040	0E CAP, E 10-16 GAS	ABCEDEFGHI	.....
C	507	87-010-555-040	0E CAP, E 100-10 GAS	ABCEDEFGHI	.....
C	501	87-018-059-080	0E CAP TC-S 22P-50CH	ABCEDEFGHI	.....
C	502	87-018-059-080	0E CAP TC-S 22P-50CH	ABCEDEFGHI	.....
C	512	87-010-497-040	0E CAP, E 4.7-35 GAS	ABCEDEFGHI	.....
C	511	87-015-684-040	0E CAP, E 47-16 7L	ABCEDEFGHI	.....
C	514	87-018-134-080	0E CAPACITOR, TC-U 0.01-16	ABCEDEFGHI	.....
C	513	87-018-209-080	0E CAP, CER 0.1-50V	ABCEDEFGHI	.....
CN	501	87-099-755-010	0E CONN, 14P H 9604	ABCEDEFGHI	.....
D	504	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	509	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	502	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	507	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	508	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	505	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	501	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	506	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	503	87-A40-430-080	0E ZENER, HZS2C2	ABCEDEFGHI	.....
D	510	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
IC	501	86-CD9-601-080	1F IC, LC6543F-4H30	ABCEDEFGHI	.....
L	501	87-003-098-080	0E COIL, 2.2UH	A..D.FGH	.....
LED	501	88-CD9-627-010	LED, SA36-11HWA 3.0	ABCEDEFGHI	.....
LED	503	82-CD9-613-010	LED, L-34HDSL	ABCEDEFGHI	.....
LED	502	82-CD9-614-010	LED, L-34GDSL	ABCEDEFGHI	.....
Q	502	87-026-216-080	0E TR, DTA124ES	ABCEDEFGHI	.....
Q	501	87-026-291-080	1A TR, DTC124XS	ABCEDEFGHI	.....
Q	503	89-318-155-080	0E TR, 2SC1815 (0.4W)	ABCEDEFGHI	.....
S	503	87-A90-164-080	0E SW, TACT SKQAB(N)	ABCEDEFGHI	.....
S	505	87-A90-164-080	0E SW, TACT SKQAB(N)	ABCEDEFGHI	.....
S	502	87-A90-164-080	0E SW, TACT SKQAB(N)	ABCEDEFGHI	.....
S	504	87-A90-164-080	0E SW, TACT SKQAB(N)	ABCEDEFGHI	.....
S	501	87-A90-164-080	0E SW, TACT SKQAB(N)	ABCEDEFGHI	.....
X	501	87-A70-047-080	VIB, CER 4MHZ EFOEC4004T4	ABCEDEFGHI	.....
C	603	87-010-248-080	0E CAP, ELECT 220-10V	ABCEDEFGHI	.....
C	602	87-010-376-080	1A CAP, E 2200-10 M SME	ABCEDEFGHI	.....
C	605	87-010-384-080	0E CAP, ELECT 100-25V	ABCEDEFGHI	.....
C	606	87-010-390-010	1B CAP, E 3300-25 SME	ABCEDEFGHI	.....
C	604	87-018-134-080	0E CAPACITOR, TC-U 0.01-16	ABCEDEFGHI	.....
C	608	87-018-205-080	0E CAP, CERA-SOL 0.022	ABCEDEFGHI	.....
C	607	87-018-205-080	0E CAP, CERA-SOL 0.022	ABCEDEFGHI	.....
C	609	87-018-205-080	0E CAP, CERA-SOL 0.022	ABCEDEFGHI	.....
C	601	87-018-209-080	0E CAP, CER 0.1-50V	ABCEDEFGHI	.....
C	610	87-018-205-080	0E CAP, CERA-SOL 0.022	ABCEDEFGHI	.....
CN	502	82-CD9-629-010	CONN, 2P V 53014MOLEX	ABCEDEFGHI	.....
CN	603	82-CD9-630-010	CONN, 2P V 5267MOLEX	ABCEDEFGHI	.....
CN	602	82-CD9-631-010	CONN, 4P V 5267MOLEX	ABCEDEFGHI	.....
D	606	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	604	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	601	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	602	87-070-345-080	0E DIODE, IN4148	ABCEDEFGHI	.....
D	603	87-A40-346-080	0E ZENER, MTZJ 8.2C	ABCEDEFGHI	.....
D	607	88-CD9-651-090	DIODE, J05	ABCEDEFGHI	.....
D	608	88-CD9-651-090	DIODE, J05	ABCEDEFGHI	.....
D	609	88-CD9-651-090	DIODE, J05	ABCEDEFGHI	.....
D	611	87-001-783-080	0E DIODE, 1N4002	ABCEDEFGHI	.....
D	610	88-CD9-651-090	DIODE, J05	ABCEDEFGHI	.....
F	601	87-A90-429-080	1A FUSE, 1.25A 125V A 251	.....	.....
L	601	87-003-098-080	0E COIL, 2.2UH	.....	FGH
Q	603	87-026-216-080	0E TR, DTA124ES	ABCEDEFGHI	.....
Q	602	87-026-447-080	0E TR, 2SC1740S R	ABCEDEFGHI	.....
Q	601	87-A30-167-010	1A TR, 2SB1566E	ABCEDEFGHI	.....
C	206	87-010-221-080	0E CAP, ELECT 470-10V	ABCEDEFGHI	.....
C	205	87-010-236-080	0E CAP, E 1000-10 SME	ABCEDEFGHI	.....
C	203	87-010-401-080	0E CAP, ELECT 1-50V	ABCEDEFGHI	.....
C	201	87-010-401-080	0E CAP, ELECT 1-50V	ABCEDEFGHI	.....
C	202	87-010-544-080	0E CAP, ELECT 0.1-50V	ABCEDEFGHI	.....
C	204	87-018-131-080	0E CAP, CER 1000P-50V	ABCEDEFGHI	.....
C	208	87-018-134-080	0E CAPACITOR, TC-U 0.01-16	ABCEDEFGH	.....
C	207	87-018-134-080	0E CAPACITOR, TC-U 0.01-16	ABCEDEFGH	.....
C	209	87-018-134-080	0E CAPACITOR, TC-U 0.01-16	ABCEDEFGH	.....
C	213	87-010-380-080	0E CAP, ELECT 47-16V	ABCEDEF.H	.....
C	214	87-010-402-080	0E CAP, ELECT 2.2-50V	ABCEDEFGHI	.....
C	210	87-018-134-080	0E CAPACITOR, TC-U 0.01-16	ABCEDEFGH	.....
C	253	87-010-401-080	0E CAP, ELECT 1-50V	ABCEDEFGHI	.....
C	251	87-010-401-080	0E CAP, ELECT 1-50V	ABCEDEFGHI	.....
C	252	87-010-544-080	0E CAP, ELECT 0.1-50V	ABCEDEFGHI	.....
C	309	87-010-404-080	0E CAP, ELECT 4.7-50V	ABCEDEFGHI	.....
C	304	87-010-404-080	0E CAP, ELECT 4.7-50V	ABCEDEFGHI	.....
C	306	87-018-119-080	0E CAP, CER 100P-50V	ABCEDEFGHI	.....
C	302	87-018-131-080	0E CAP, CER 1000P-50V	ABCEDEFGHI	.....
C	305	87-018-131-080	0E CAP, CER 1000P-50V	ABCEDEFGHI	.....
C	303	87-018-132-080	0E CAP, CER 2200P-16V	ABCEDEFGHI	.....
C	301	87-018-133-080	0E CAPACITOR, CER 4700P-16V	ABCEDEFGHI	.....
C	311	87-010-248-080	0E CAP, ELECT 220-10V	ABCEDEFGHI	.....

ELECTRICAL MAIN PARTS LIST - 2/4

C	319	87-010-248-080	0E	CAP, ELECT 220-10V	ABCDEFGHI.....
C	312	87-010-248-080	0E	CAP, ELECT 220-10V	ABCDEFGHI.....
C	310	87-010-263-080	0E	CAP, ELECT 100-10V	ABCDEFGHI.....
C	314	87-018-125-080	0E	CAP, CER 330P-50V	ABCDEFGHI.....
C	313	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
C	315	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
C	320	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	354	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABCDEFGHI.....
C	359	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABCDEFGHI.....
C	356	87-018-119-080	0E	CAP, CER 100P-50V	ABCDEFGHI.....
C	352	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
C	355	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
C	353	87-018-132-080	0E	CAP, CER 2200P-16V	ABCDEFGHI.....
C	351	87-018-133-080	0E	CAPACITOR, CER 4700P-16V	ABCDEFGHI.....
C	408	87-010-101-080	0E	CAP, ELECT 220-16	ABCDEFGHI.....
C	405	87-010-112-080	0E	CAP, ELECT 100-16V	ABCDEFGHI.....
C	406	87-010-235-080	0E	CAP, E 470-16 SME	ABCDEFGHI.....
C	403	87-010-401-080	0E	CAP, ELECT 1-50V	ABCDEFGHI.....
C	404	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
C	401	87-018-202-080	0E	CAP, CERAM.6800PF	...D.....
C	401	87-018-203-080	0E	CAP, CER 8200P-16V	ABC.EFGHI.....
C	410	87-010-384-080	0E	CAP, ELECT 100-25V	ABCDEFGHI.....
C	411	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABCDEFGHI.....
C	458	87-010-101-080	0E	CAP, ELECT 220-16	ABCDEFGHI.....
C	455	87-010-112-080	0E	CAP, ELECT 100-16V	ABCDEFGHI.....
C	453	87-010-401-080	0E	CAP, ELECT 1-50V	ABCDEFGHI.....
C	454	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
C	451	87-018-202-080	0E	CAP, CERAM.6800PF	...D.....
C	451	87-018-203-080	0E	CAP, CER 8200P-16V	ABC.EFGHI.....
CN	301	8Z-CD9-631-010		CONN, 4P V 5267MOLEX	ABCDEFGHI.....
CN	402	8Z-CD9-631-010		CONN, 4P V 5267MOLEX	ABCDEFGHI.....
CN	401	8Z-CD9-633-010		CONN, 9P V 53014MOLEX	ABCDEFGHI.....
CNA	401	8Z-CD9-623-010		CONN ASSY, 9P VOLUME	ABCDEFGHI.....
D	304	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	301	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	303	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	302	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	305	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
IC	201	87-A20-946-040	1D	C-IC, MM1434XF	ABCDEF.H.....
IC	301	87-027-761-010	1B	IC, AN7310	ABCDEFGHI.....
IC	401	87-CD7-602-010	1B	IC, TA8227P	ABCDEFGHI.....
J	401	87-009-216-010	1A	JACK, DIA 3.5	ABCDEFGHI.....
L	301	87-CD8-605-010	0E	COIL, OSC BIAS 4A363R	ABCDEFGHI.....
L	401	87-003-098-080	0E	COIL, 2.2UH	.B..EF..I.....
Q	201	89-318-155-080	0E	TR, 2SC1815 (0.4W)	ABCDEFGHI.....
Q	251	89-318-155-080	0E	TR, 2SC1815 (0.4W)	ABCDEFGHI.....
Q	305	87-026-447-080	0E	TR, 2SC1740S R	ABCDEFGHI.....
Q	301	89-109-521-080	0E	TR, 2SA952 (0.6W)	ABCDEFGHI.....
Q	302	89-318-155-080	0E	TR, 2SC1815 (0.4W)	ABCDEFGHI.....
Q	304	89-318-155-080	0E	TR, 2SC1815 (0.4W)	ABCDEFGHI.....
Q	303	89-318-155-080	0E	TR, 2SC1815 (0.4W)	ABCDEFGHI.....
Q	401	89-318-155-080	0E	TR, 2SC1815 (0.4W)	ABCDEFGHI.....
Q	451	89-318-155-080	0E	TR, 2SC1815 (0.4W)	ABCDEFGHI.....
S	201	87-A90-009-010	1B	SW, PUSH 6-2-1 SPPH23	ABCDEF.H.....
S	302	8Z-CD9-607-010		SW, SL 2-4-3 SK43D01G4	ABCDEFGHI.....
S	301	8Z-CD9-609-010		SW, SL 1-6-2 PS62D01	ABCDEFGHI.....
VR	402	8Z-CD9-610-010	VR	RTRY 50KBX2 H RK14K12C MAIN	ABCDEFGHI.....
VR	401	8Z-CD9-611-010	VR	RTRY 50KDX2 H RK14K123 TONE	ABCDEFGHI.....
C	6	87-010-378-080	0E	CAP, ELECT 10-16V	ABCDEFGHI.....
C	9	87-018-147-080	0E	CAP, TC-U 10P-50 CH	A.CD.FGH.....
C	9	87-018-161-080	0E	TC CAP 12P	.B..E..I.....
C	7	87-018-208-080	0E	CAP 0.047-50F	ABCDEFGHI.....
C	2	87-A11-076-080	0E	CAP, TC U 33P-50 J CH	AB.DEF.HI.....
C	3	87-A11-078-080	0E	CAP, TC U 39P-50 J CH	..C...G.....
C	14	87-010-400-080	0E	CAP, ELECT 0.47-50V	ABCDEFGHI.....
C	17	87-010-544-080	0E	CAP, ELECT 0.1-50V	ABCDEFGHI.....
C	19	87-010-544-080	0E	CAP, ELECT 0.1-50V	ABCDEFGHI.....
C	13	87-018-142-080	0E	CAP, TC-U 3.9P-50 CH	ABCDEFGHI.....
C	18	87-018-205-080	0E	CAP, CERA-SOL 0.022	ABCDEFGHI.....
C	20	87-010-400-080	0E	CAP, ELECT 0.47-50V	ABCDEFGHI.....
C	21	87-010-403-080	0E	CAP, ELECT 3.3-50V	ABCDEFGHI.....
C	27	87-010-545-080	0E	CAP, ELECT 0.22-50V	ABCDEFGHI.....
C	26	87-010-545-080	0E	CAP, ELECT 0.22-50V	ABCDEFGHI.....
C	25	87-018-202-080	0E	CAP, CERAM.6800PF	...D.....
C	24	87-018-202-080	0E	CAP, CERAM.6800PF	...D.....
C	29	87-018-208-080	0E	CAP 0.047-50F	ABCDEFGHI.....
C	28	87-018-208-080	0E	CAP 0.047-50F	ABCDEFGHI.....
C	30	87-010-248-080	0E	CAP, ELECT 220-10V	ABCDEFGHI.....
C	31	87-010-379-080	0E	CAP, ELECT 22-16V	ABCDEFGHI.....
C	37	87-018-122-080	0E	CAP 180P-50 B	ABCDEFGHI.....
C	35	87-A11-073-080	0E	CAP, TC U 22P-50 J CH	ABCDEFGHI.....
C	38	87-A11-084-080		CAP, TC U 68P-50 J CH	.....
C	38	87-A11-086-080		CAP, TC U 82P-50 J CH	..B..E...I.....
C	37	87-A11-088-080	0E	CAP, TC U 100P-50 J CH	.....
C	44	87-018-123-080	0E	CAP, CER 220P-50V	..B..E...I.....
C	46	87-018-128-080	0E	CAP, CERA-SOL SS 560P	.....
C	45	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
C	51	87-018-132-080	0E	CAP, CER 2200P-16V	ABCDEFGHI.....
C	56	87-018-132-080	0E	CAP, CER 2200P-16V	ABCDEFGHI.....
C	54	87-018-132-080	0E	CAP, CER 2200P-16V	ABCDEFGHI.....
C	55	87-018-132-080	0E	CAP, CER 2200P-16V	ABCDEFGHI.....
C	57	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....

ELECTRICAL MAIN PARTS LIST - 3/4

C	52	87-A11-080-080	0E	CAP, TC U 47P-50 J CH	ABCDEFGHI.....
C	63	87-018-209-080	0E	CAP, CER 0.1-50V	.....
CF	3	82-785-747-080	1A	CF, MS2 GHY, R	ABCDEFGHI.....
CF	2	82-785-747-080	1A	CF, MS2 GHY, R	ABCDEFGHI.....
CF	1	87-A90-128-010	0E	FLTR, AM IF CFAL-455	ABCDEFGHI.....
D	3	87-A40-226-080	0E	VARI-CAP, SVC251SPA	ABCDEFGHI.....
D	53	84-RM2-626-010		DIODE, 1SS277	.....
D	56	84-RM2-626-010		DIODE, 1SS277	.....
D	51	84-RM2-626-010		DIODE, 1SS277	.....
D	52	84-RM2-626-010		DIODE, 1SS277	.....
D	54	87-020-465-080	0E	DIODE, 1SS133 (110MA)	ABCDEFGHI.....
IC	1	87-A20-955-010	1C	IC, LA1828	ABCDEFGHI.....
L	9	87-A50-334-010	1A	COIL, FM DET (TOKO)	ABCDEFGHI.....
L	8	87-A50-335-010	1A	COIL, FM IFT (TOKO)	ABCDEFGHI.....
L	7	87-A50-336-010	1A	COIL, AM IFT (TOKO)	ABCDEFGHI.....
L	6	87-A50-337-010	1A	COIL, AM OSC (TOKO)	ABCDEFGHI.....
L	5	87-A50-342-010	0E	COIL, FM OSC D	..C...G..
L	5	87-A50-343-010		COIL, FM OSC EX	AB...EF..HI.....
L	4	87-A50-345-010	0E	COIL, FM RF EX	ABCDEFGHI.....
L	2	87-A50-346-010	0E	COIL, FM BPF D	..C...G..
L	3	87-A50-348-010		COIL, BAR ANT LW/MW (COI)	..B...E...I.....
L	3	87-A50-349-010		COIL, BAR ANT AMW (COI)	...D...H.....
L	3	87-A50-350-010		COIL, BAR ANT AMN (COI)	A.C...FG.....
L	3	87-A50-448-010		COIL, BAR ANT MW HE(COI)	.....
L	5	87-A50-449-010		COIL, FM OSC U	...D.....
L	5	87-A50-457-010		COIL, FM OSC F2V	.....
L	4	87-A50-458-010		COIL, FM RF V	.....
L	10	87-003-102-080	0E	COIL, 10UH	ABCDEFGHI.....
L	16	87-A50-339-010		COIL, LW OSC (TOKO)	..B...E...I.....
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	.....
L	54	87-003-383-010	1A	COIL, 1UH-S	.....
L	51	87-A50-347-010		COIL, FM BPF EX	AB.DEF..HI.....
L	53	87-A50-456-010		COIL, FM OSC F1V	.....
L	52	87-A50-458-010		COIL, FM RF V	.....
Q	3	87-026-215-080	0E	TR, DTC114YS	ABCDEFGHI.....
Q	2	87-026-572-080	0E	TR, DTA114TS	ABCDEFGHI.....
Q	4	89-109-521-080	0E	TR, 2SA952 (0.6W)	..B...E...I.....
Q	1	89-319-233-080	0E	TR, 2SC1923 (0.1W)	ABCDEFGHI.....
SW	1	8Z-CD9-607-010		SW, SL 2-4-3 SK43D01G4	..B...E...I.....
SW	1	8Z-CD9-640-010		SW, SL 2-4-2 SK42H01G4	A.CD.FGH.....
TC	6	87-011-220-080	1A	TRIMMER CAP 20P VTC	..B...E...I.....
TC	51	87-011-221-080	1A	CAP, TRIMMER 30P	..B...E...I.....
TC	53	87-011-221-080	1A	CAP, TRIMMER 30P	..B...E...I.....
VC	1	87-A90-983-010		TUN-CAP, 40P-140P AL-D(TOKO)	..C...G..
VC	1	87-A90-984-010		TUN-CAP, 20P-160P AL-U(TOKO)	...D...H.....
VC	1	87-A90-985-010		TUN-CAP, 20P-335P L-H(TOKO)	.....
VC	1	87-A90-986-010		TUN-CAP, 20P-140P L-E(TOKO)	AB...EF...I.....
C	708	87-010-248-080	0E	CAP, ELECT 220-10V	ABCDEFGHI.....
C	706	87-010-248-080	0E	CAP, ELECT 220-10V	ABCDEFGHI.....
C	709	87-010-263-080	0E	CAP, ELECT 100-10V	ABCDEFGHI.....
C	703	87-010-374-080	0E	CAP, ELECT 47-10V	ABCDEFGHI.....
C	701	87-010-406-080	0E	CAP, ELECT 22-50	ABCDEFGHI.....
C	705	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	702	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	707	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	715	87-010-374-080	0E	CAP, ELECT 47-10V	ABCDEFGHI.....
C	710	87-010-401-080	0E	CAP, ELECT 1-50V	ABCDEFGHI.....
C	713	87-010-405-080	0E	CAP, ELECT 10-50V	ABCDEFGHI.....
C	716	87-010-546-080	0E	CAP, ELECT 0.33-50V	ABCDEFGHI.....
C	714	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	712	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	726	87-010-248-080	0E	CAP, ELECT 220-10V	ABCDEFGHI.....
C	725	87-010-401-080	0E	CAP, ELECT 1-50V	ABCDEFGHI.....
C	729	87-018-129-080	0E	CAP, CER 680P-50V	ABCDEFGHI.....
C	724	87-018-205-080	0E	CAP, CERA-SOL 0.022	ABCDEFGHI.....
C	735	87-010-379-080	0E	CAP, ELECT 22-16V	ABCDEFGHI.....
C	732	87-010-401-080	0E	CAP, ELECT 1-50V	ABCDEFGHI.....
C	734	87-010-403-080	0E	CAP, ELECT 3.3-50V	ABCDEFGHI.....
C	737	87-010-404-080	0E	CAP, ELECT 4.7-50V	ABCDEFGHI.....
C	731	87-018-127-080	0E	CAP, CER 470P-50V	ABCDEFGHI.....
C	736	87-018-133-080	0E	CAPACITOR, CER 4700P-16V	ABCDEFGHI.....
C	730	87-018-199-080	0E	CAP, CER 3300P	ABCDEFGHI.....
C	748	87-010-545-080	0E	CAP, ELECT 0.22-50V	ABCDEFGHI.....
C	744	87-018-111-080	0E	CAP, CERA-SOL SS 27P	ABCDEFGHI.....
C	749	87-018-119-080	0E	CAP, CER 100P-50V	ABCDEFGHI.....
C	747	87-018-121-080	0E	CAP, CER 150P-50V	ABCDEFGHI.....
C	740	87-018-140-080	0E	CAP, TC-U 2.2P-50 CH	ABCDEFGHI.....
C	741	87-018-150-080	0E	CAP, TC-U 18P-50 CH	ABCDEFGHI.....
C	748	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	743	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	757	87-010-263-080	0E	CAP, ELECT 100-10V	ABCDEFGHI.....
C	755	87-018-109-080	0E	CAP, CER 22P-50V	ABCDEFGHI.....
C	756	87-018-109-080	0E	CAP, CER 22P-50V	ABCDEFGHI.....
C	750	87-018-119-080	0E	CAP, CER 100P-50V	ABCDEFGHI.....
C	752	87-018-119-080	0E	CAP, CER 100P-50V	ABCDEFGHI.....
C	753	87-018-119-080	0E	CAP, CER 100P-50V	ABCDEFGHI.....
C	754	87-018-119-080	0E	CAP, CER 100P-50V	ABCDEFGHI.....
C	751	87-018-119-080	0E	CAP, CER 100P-50V	ABCDEFGHI.....
C	758	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	766	87-010-221-080	0E	CAP, ELECT 470-10V	ABCDEFGHI.....

ELECTRICAL MAIN PARTS LIST - 4/4

C	764	87-010-263-080	0E	CAP, ELECT 100-10V	ABCDEFGHI.....
C	769	87-010-263-080	0E	CAP, ELECT 100-10V	ABCDEFGHI.....
C	761	87-010-370-080	0E	CAP, E 330-6.3 SME	ABCDEFGHI.....
C	765	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	762	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	768	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	763	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	775	87-010-221-080	0E	CAP, ELECT 470-10V	ABCDEFGHI.....
C	779	87-010-221-080	0E	CAP, ELECT 470-10V	ABCDEFGHI.....
C	772	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	774	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	770	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	773	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	778	87-018-209-080	0E	CAP, CER 0.1-50V	ABCDEFGHI.....
C	784	87-010-221-080	0E	CAP, ELECT 470-10V	ABCDEFGHI.....
C	780	87-010-405-080	0E	CAP, ELECT 10-50V	ABCDEFGHI.....
C	782	87-010-405-080	0E	CAP, ELECT 10-50V	ABCDEFGHI.....
C	781	87-018-132-080	0E	CAP, CER 2200P-16V	ABCDEFGHI.....
C	783	87-018-132-080	0E	CAP, CER 2200P-16V	ABCDEFGHI.....
C	785	87-018-134-080	0E	CAPACITOR, TC-U 0.01-16	ABCDEFGHI.....
C	790	87-018-131-080	0E	CAP, CER 1000P-50V	ABCDEFGHI.....
CN	704	87-A60-054-010	0E	CONN, 14P V 9604S-14C	ABCDEFGHI.....
CN	701	87-A60-465-010	0E	CONN, 16P V TOC-B-G2	ABCDEFGHI.....
CN	703	8Z-CD9-629-010		CONN, 2P V 53014MOLEX	ABCDEFGHI.....
CNA	702	8Z-CD9-616-010		CONN ASSY, 6P CD MOTER	ABCDEFGHI.....
D	706	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	707	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	702	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	708	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	704	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	701	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	703	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
D	705	87-070-345-080	0E	DIODE, IN4148	ABCDEFGHI.....
IC	701	87-A20-446-010	1E	C-IC, LA9241ML	ABCDEFGHI.....
IC	702	87-A20-459-010	2A	C-IC, LC78622ED	ABCDEFGHI.....
IC	703	87-A20-856-010	1D	IC, BA6898S	ABCDEFGHI.....
L	705	87-003-098-080	0E	COIL, 2.2UH	.B..E.GH.....
L	702	87-003-098-080	0E	COIL, 2.2UH	.B..E.GH.....
L	701	87-003-102-080	0E	COIL, 10UH	ABCDEFGHI.....
Q	704	87-026-291-080	1A	TR, DTC124XS	ABCDEFGHI.....
Q	701	87-A30-015-080	0E	TR, 2SA1317TU	ABCDEFGHI.....
Q	702	89-112-965-080	0E	TR, 2SA1296 (0.75W)	ABCDEFGHI.....
Q	703	89-112-965-080	0E	TR, 2SA1296 (0.75W)	ABCDEFGHI.....
S	303	8Z-CD9-608-010		SW, SL 2-2-3 SK23D02G6	ABCDEFGHI.....
X	701	81-592-641-080	1A	CERALOCK 16.93MHZ	ABCDEFGHI.....

MECHANICAL PARTS LIST - 1/2

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

217D	00	G		
228LH	XX	H		
REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
84-CD8-083-010	0E		BADGE, AIWA 30.5-5.2 2.5LEAD	ABCDEFGH I
88-CH6-019-010			PANEL, CD	ABCDEFGH I
8Z-CD9-002-010			CABI, BOTTOM	...D...H
8Z-CD9-003-010			CABI, REAR	...C...G
8Z-CD9-004-010			PANEL, REAR	ABCDEFGH I
8Z-CD9-005-010			PANEL, CD	...C
8Z-CD9-006-010			LID, BATTERY	ABCDEFGH I
8Z-CD9-007-010			LID, CASS	ABCDEF.H
8Z-CD9-008-010			WINDOW, CASS	ABCDEF.H
8Z-CD9-009-010			WINDOW, LED	ABCDEFGH I
8Z-CD9-010-010			WINDOW, TU	...C
8Z-CD9-011-010			WINDOW, CD	...C
8Z-CD9-013-010			HINGE, CD	ABCDEF.H
8Z-CD9-021-010			DOOR, CD	ABCDEF
8Z-CD9-022-010			HLDR, CHUCK	ABCDEFGH I
8Z-CD9-023-010			CHAS, CD	ABCDEFGH I
8Z-CD9-024-010			HANDL, FRONT	ABCDEF.H
8Z-CD9-025-010			HANDL, REAR	ABCDEF.H
8Z-CD9-026-010			POINTER	ABCDEFGH I
8Z-CD9-029-010			CABI, FRONT U	...D
8Z-CD9-030-010			CABI, REAR U	A...D.F.H
8Z-CD9-031-010			PANEL, CD U	AB.DEF.H
8Z-CD9-032-010			WINDOW, TU U	...D...H
8Z-CD9-033-010			WINDOW, CD EX	AB.DEF.H
8Z-CD9-041-010			WINDOW, TU HR	A...F
8Z-CD9-042-010			WINDOW, TU HE	
8Z-CD9-043-010			WINDOW, TU V	
8Z-CD9-044-010			WINDOW, TU EZ	...B...E
8Z-CD9-045-010			CABI, REAR H	
8Z-CD9-046-010			CABI, REAR E	...B...E...I
8Z-CD9-047-010			CABI, FRONT H	...H
8Z-CD9-048-010			GRILLE, SPK L	ABCDEF.H
8Z-CD9-049-010			GRILLE, SPK R	ABCDEF.H
8Z-CD9-050-010			CABI, REAR V	
8Z-CD9-052-010			CABI, FRONT A EX	AB...EF
8Z-CD9-053-010			CABI, FRPNT A D	...C
8Z-CD9-054-010			PANEL, CD EZ	...I
8Z-CD9-057-010			DOOR, CD EZ	...G.I
8Z-CD9-058-010			CABI, FRONT 217 EZ	...I
8Z-CD9-060-010			LID, CASS 217	...G.I
8Z-CD9-061-010			WINDOW, CASS 217	...G.I
8Z-CD9-062-010			WINDOW, TU 217 EZ	...I
8Z-CD9-065-010			WINDOW, CD 217	...G.I
8Z-CD9-066-010			HANDL, FR 217	...G.I
8Z-CD9-067-010			HANDL, REAR 217	...G.I
8Z-CD9-068-010			GRILLE, SPK S L	...G.I
8Z-CD9-069-010			GRILLE, SPK S R	...G.I
8Z-CD9-070-010			CABI, FRONT 217 D	...G
8Z-CD9-071-010			WINDOW, TU 217 D	...G
8Z-CD9-073-010			PANEL, CD D LOW	...G
8Z-CD9-076-010			DOOR, CD LH1	...H
8Z-CD9-012-010			KEY, CD SET	ABCDEF.H
8Z-CD9-014-010			KNOB, RTRY TONE	ABCDEFGH I
8Z-CD9-015-010			KNOB, RTRY VOL	ABCDEFGH I
8Z-CD9-016-010			KNOB, SL FUN	ABCDEFGH I
8Z-CD9-018-010			KNOB, RTRY TUN	ABCDEFGH I
8Z-CD9-019-010			KEY, CASS SET	ABCDEFGH I
8Z-CD9-020-010			KEY, Q SOUND	ABCDEF.H
8Z-CD9-055-010			KEY, CD EZ	...G.I
82-CD8-212-010	0E		SPR-T, CAM CD	ABCDEFGH I
84-CD5-215-010	0E		GEAR	ABCDEFGH I
84-CD5-216-010	0E		BRACKET	ABCDEFGH I
84-CT5-209-010			PLATE, MAGNET	ABCDEFGH I
87-036-368-010	0E		MAGNET	ABCDEFGH I
87-CD6-213-010			SPR-C, BATT (-)	ABCDEFGH I
87-CD6-214-010			SPR-C, BATT LINK	ABCDEFGH I
87-CD6-222-010			SPR-C, BATT (-) L	ABCDEFGH I
87-CD6-223-010			SPR-C, BATT LINK L	ABCDEFGH I
87-CD7-206-010			DOOR, CD LOCKER	ABCDEFGH I
87-CD7-207-010			HLDR, LOCKER	ABCDEFGH I
88-CD8-222-010			SPR-P, DAMP CD	ABCDEFGH I
88-CD9-207-010			COVER, AC SOCKET	ABCDEFGH I
88-CD9-208-010			HLDR, BAR-ANT	ABCDEFGH I
88-CD9-209-010			COVER, VOLTAGE	A...F.H
88-CD9-210-010	1A		BASE, CHUCK	ABCDEFGH I
88-CD9-211-010			RING, CHUCK	ABCDEFGH I
8Z-CD9-201-010			HLDR, PWB	ABCDEFGH I
8Z-CD9-204-010			HLDR, VOL PWB	ABCDEFGH I
8Z-CD9-205-010			HLDR, TU	ABCDEFGH I
8Z-CD9-206-010			GEAR, PVC	ABCDEFGH I
8Z-CD9-207-010			GEAR, RELAY	ABCDEFGH I
8Z-CD9-208-010			PLATE, TU	ABCDEFGH I
8Z-CD9-209-010			HLDR, SPKR	ABCDEFGH I
8Z-CD9-215-010			SPR-T, CD	ABCDEFGH I
8Z-CD9-218-010			SPR-T, CASS	ABCDEFGH I

MECHANICAL PARTS LIST - 2/2

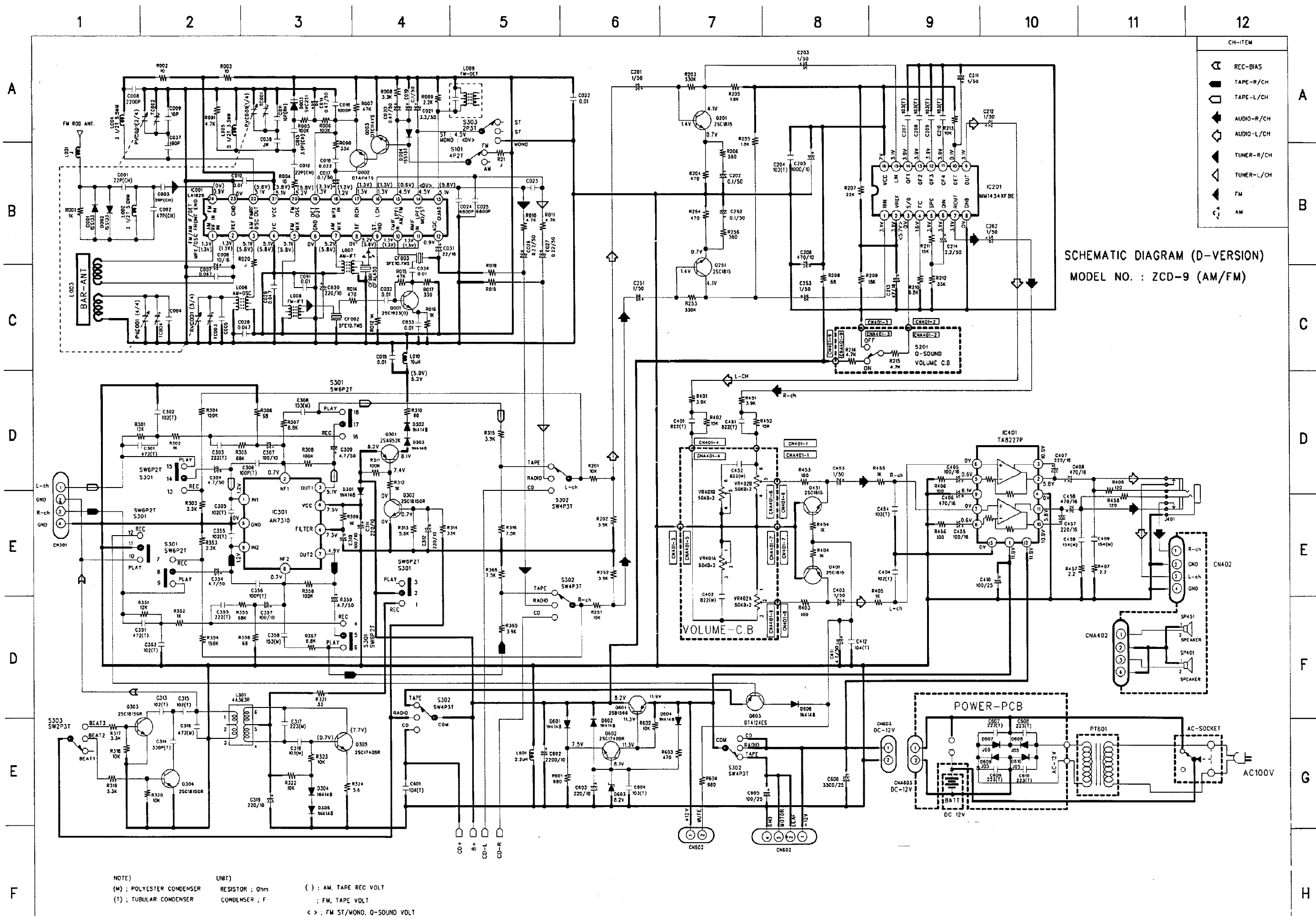
		8Z-CD9-220-010	HLDR,CD PWB	ABCDEFGHI.....
*		8Z-CD9-203-010	HLDR,LED	ABCDEFGHI.....
*		8Z-CD9-211-010	PLATE,REC	ABCDEFGHI.....
		87-481-073-410	0E VWS+2.6-6	ABCDEFGHI.....
		87-641-095-410	0E UT1+3-8	ABCDEFGHI.....
		87-641-096-410	0E UT1+3-10 GLD	ABCDEFGHI.....
		87-644-096-410	UT1+3-10 CR	ABCDEFGHI.....
		87-651-035-410	0E VT1 2-6 GLD	ABCDEFGHI.....
		87-651-075-410	0E VT1 +2.6-10	ABCDEFGHI.....
		87-661-095-410	0E VFT1+3-8	ABCDEFGHI.....
*		87-264-096-410	V+3-10 CR	ABCDEFGHI.....
*		87-571-033-410	0E TAPPING SCREW, VIT+2-4	ABCDEFGHI.....
*		87-581-033-410	UIT+2-4	ABCDEFGHI.....
*		87-581-096-410	0E UIT +3-10	ABCDEFGHI.....
*		87-621-072-410	QT1+2.6-5	ABCDEFGHI.....
*		87-641-100-410	UT1+3-16	ABCDEFGHI.....
*		87-641-104-410	UT1+3-30	ABCDEFGHI.....
		81-590-677-010	1A SWITCH LEAF	ABCDEFGHI.....
		87-043-116-010	1C ANT,WHIP	ABCDEFGHI.....
		87-A90-146-010	0E SW,SL 1-1-2	A....F.H.....
		8Z-CD9-627-010	FF-CABLE, 14P 1.25 230MM MICOM	ABCDEFGHI.....
		8Z-CD9-641-010	PT,EZ	I.....
J	601	87-A60-179-010	1A JACK,AC D W/SW	..C...G.....
J	601	8Z-CD9-635-010	JACK,AC E BLK W/SW	AB..EF.HI.....
J	601	8Z-CD9-636-010	JACK,AC U BLK W/SW	...D.....
PT	601	8Z-CD9-637-010	PT,U	...D.....
PT	601	8Z-CD9-638-010	PT,D	G.....
PT	601	8Z-CD9-639-010	PT,HR	A....F.H.....
SP	401	88-CD5-603-010	SPKR,10 70HM	ABCDEFGHI.....
SP	451	88-CD5-603-010	SPKR,10 70HM	ABCDEFGHI.....
W	701	8Z-CD9-628-010	FF-CABLE, 16P 1.0 110MM PICK-U	ABCDEFGHI.....

ACCESSORIES / PACKAGE LIST - 1/1

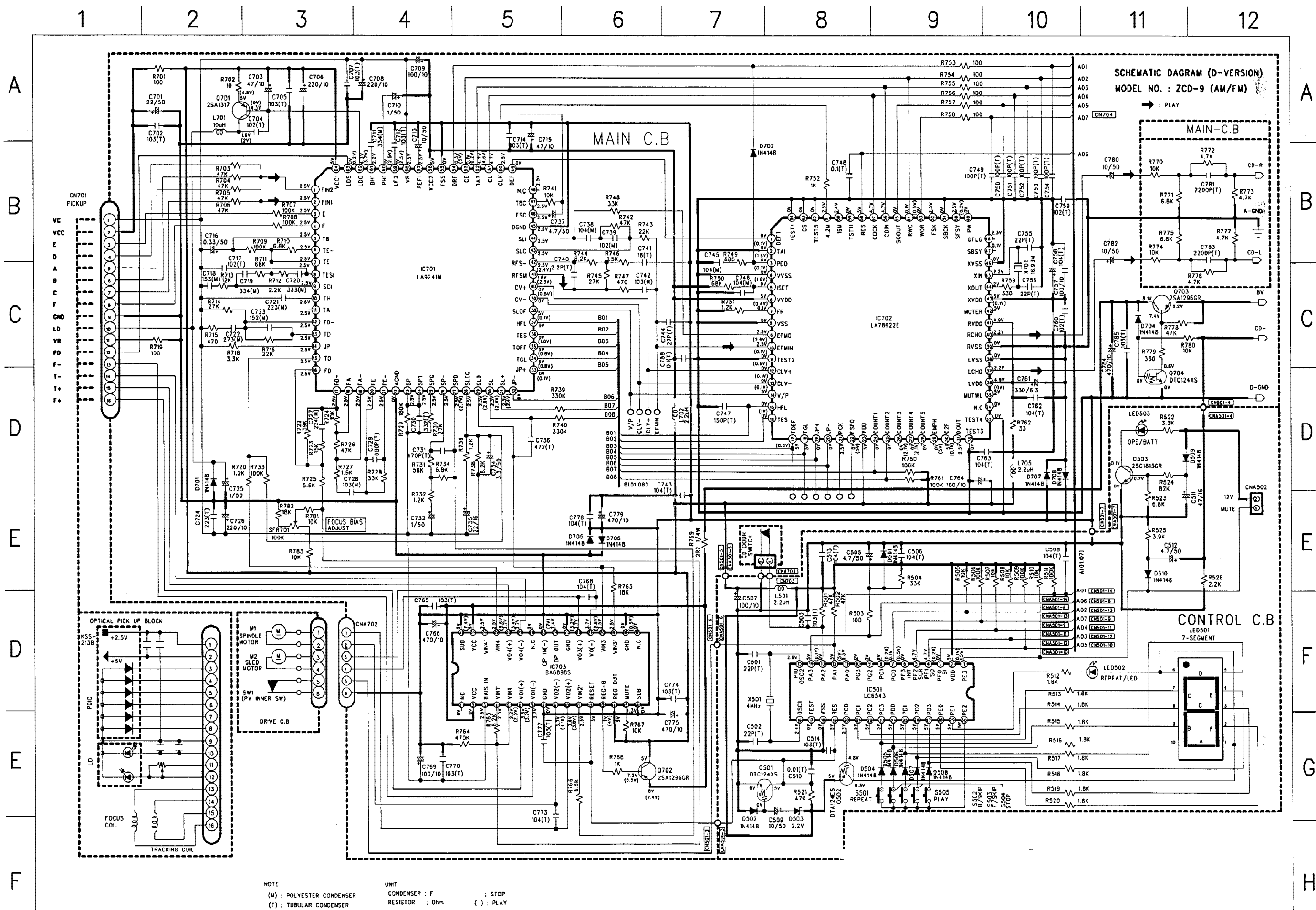
NOTE: The characters in the suffix column indicate the part usage.

217D	00.....	G.....
228LH	XX.....	H.....
REF.NO	PARTS NO.	NO. DESCRIPTION SUFFIX
	8Z-CD9-901-010	IB,D(J)B ..C.....
	8Z-CD9-905-010	IB,ESF ...D.....
	8Z-CD9-906-010	IB,LH(ESP)
	8Z-CD9-907-010	IB,HE(ECA)B A....F.....
	8Z-CD9-908-010	IB,EZ(9L)B .B.....
	8Z-CD9-909-010	IB,K(E)B .....E.....
	8Z-CD9-910-010	IB,V(ER)B
	8Z-CD9-918-010	IB,EZ(9L)B217 .....I.....
	8Z-CD9-921-010	IB,D(J)217B .....G.....
	87-099-726-010	PLUG,ADPTR CONV(K) ....E.....
	87-A80-033-010 1C	AC CORD SET,D BLK ..C....G.....
	87-A80-081-010 1C	AC CORD SET ASSY,EZ BLK .B....HI.....
	87-A80-109-010 1C	AC CORD,HK7281 BLK U ....D.....
	87-A90-312-010	PLUG,CONVERSION WTN-1157R1 A....F.H.....

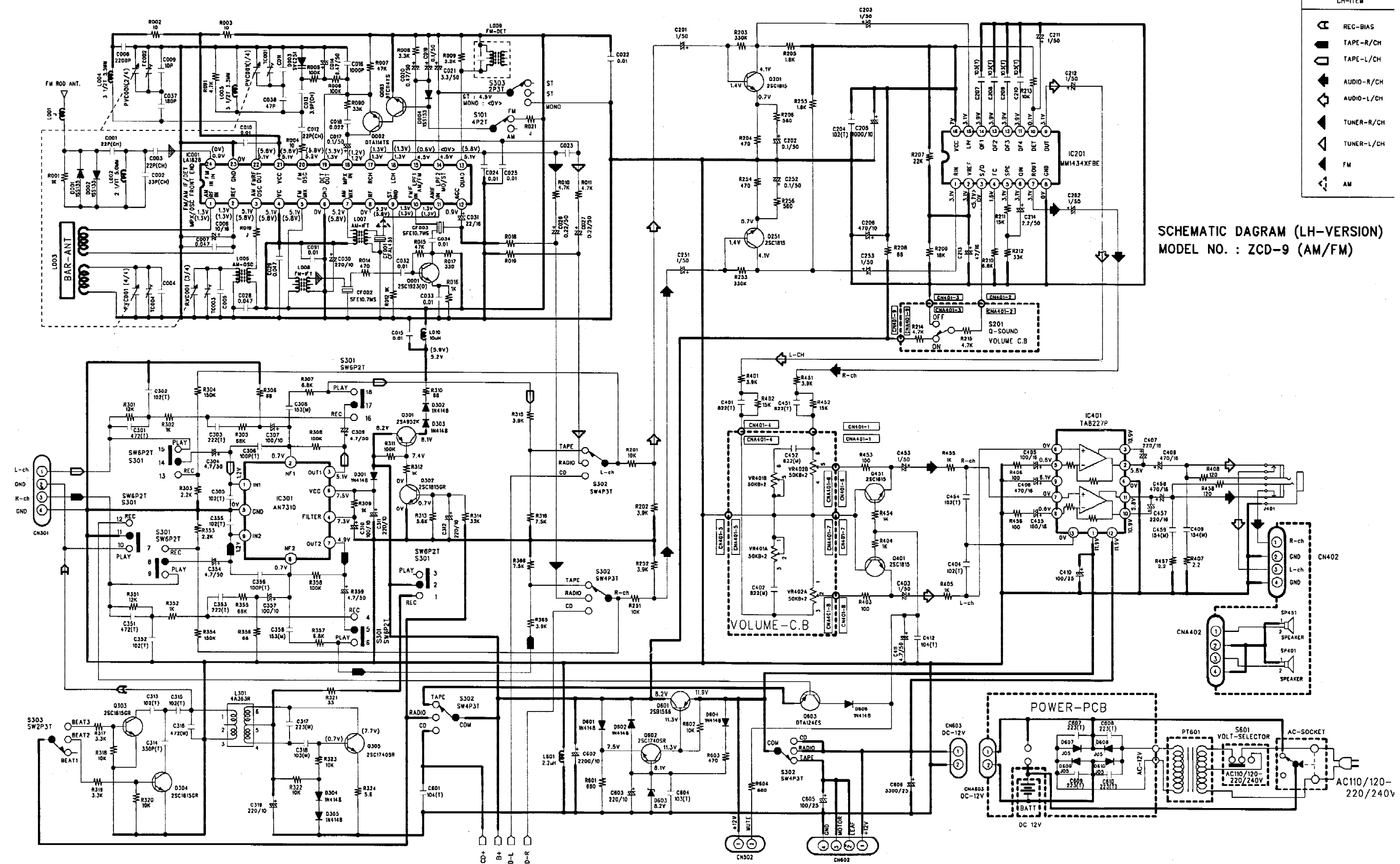
SCHEMATIC DIAGRAM - 1 (MAIN: 217D)



SCHEMATIC DIAGRAM - 2 (MAIN CD / CONTROL: 217D)



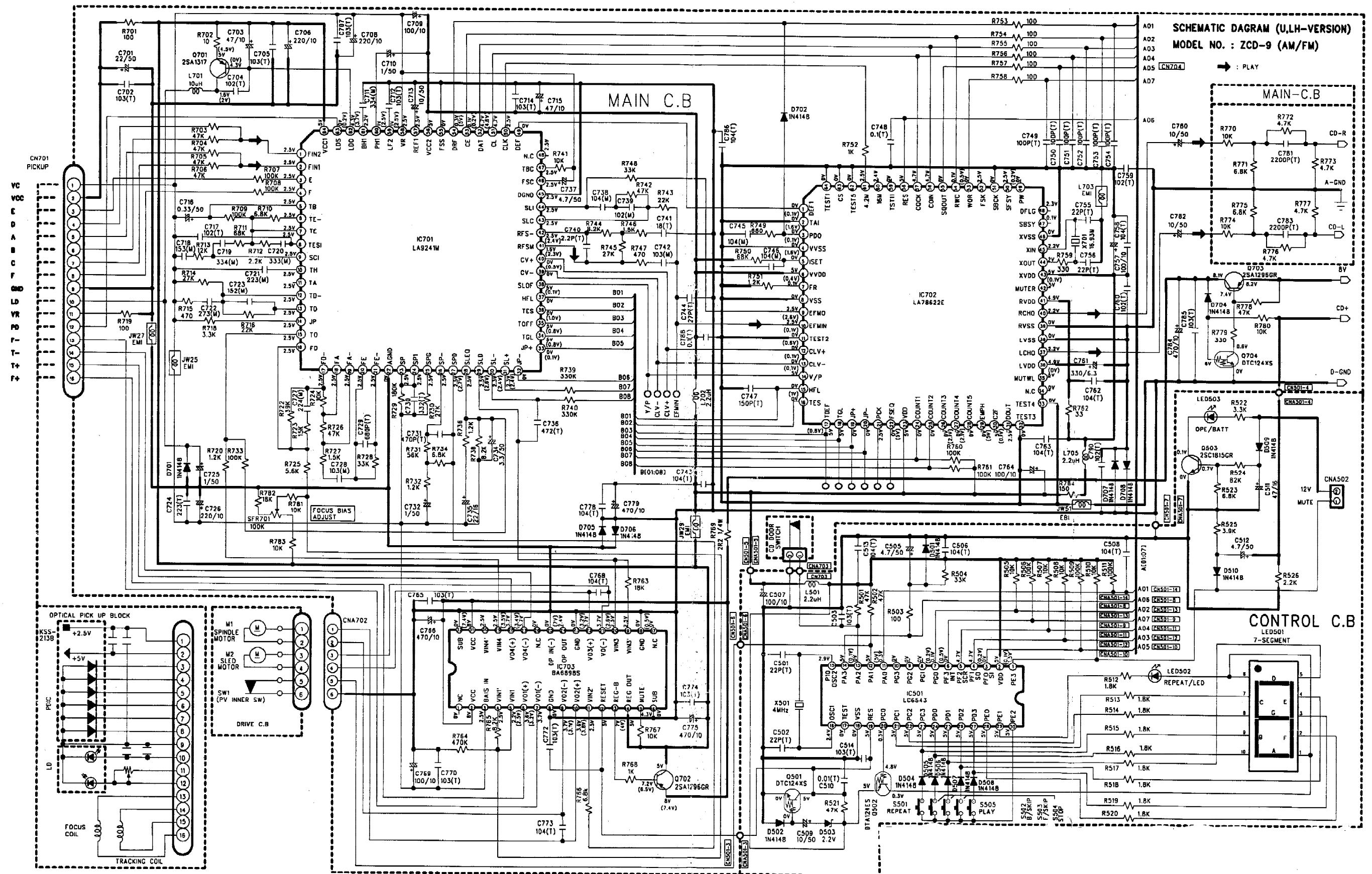
SCHEMATIC DIAGRAM - 3 (MAIN: 228LH)



SCHEMATIC DIAGRAM (LH-VERSION)
MODEL NO. : ZCD-9 (AM/FM)

NOTE)
(M) : POLYESTER CONDENSER
(T) : TUBULAR CONDENSER
UNIT)
RESISTOR : Ohm
CONDENSER : F
() : AM TAPE REC VOLT
: FM TAPE VOLT
< > : FM ST/MONO, Q-SOUND VOLT

SCHEMATIC DIAGRAM - 4 (MAIN CD / CONTROL: 228LH)



NOTE
(W) : POLYESTER CONDENSER
(T) : TUBULAR CONDENSER

UNIT
CONDENSER : F
RESISTOR : Ohm

: STOP
() : PLAY

サービス技術ニュース	
番号	連絡内容
G- -	
G- -	
G- -	

アイワ株式会社
AIWA CO.,LTD.

9420208

Tokyo Japan