

aiwa



CA-W54MK2

MANUAL
SERVICE

CARRY COMPONENT SYSTEM

• BASIC TAPE MECHANISM: TN-591SW-150

• TYPE: V,EZ

SIMPLE MANUAL

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

ELECTRICAL PARTS LIST-1/3

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

VJSTC	.....	XX	.....	A
EZSTC	.....	XX	.....	B
		KANRI		
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
C	408	87-012-115-080	CAP TC 470P CH	AB
C	407	87-012-115-080	CAP TC 470P CH	AB
C	406	87-016-310-080	CAP, E 0.47-50 M LLA	AB
C	405	87-016-310-080	CAP, E 0.47-50 M LLA	AB
C	401	87-016-631-080	CAP, E 0.33-50 SSL	AB
C	402	87-016-631-080	CAP, E 0.33-50 SSL	AB
C	409	87-A10-303-080	CAP, M 0.047-50 J	AB
C	415	87-016-631-080	CAP, E 0.33-50 SSL	AB
C	416	87-016-631-080	CAP, E 0.33-50 SSL	AB
C	413	87-A10-285-080	CAP, M 1500P-50 J	AB
C	414	87-A10-285-080	CAP, M 1500P-50 J	AB
C	410	87-A10-303-080	CAP, M 0.047-50 J	AB
C	423	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	451	87-A10-578-080	CAP, CER 0.047-50 Z YF	AB
C	605	87-010-374-080	CAP, ELECT 47-10V	AB
C	606	87-010-627-080	CAP, E 2.2-16 M 5L BP SRE	AB
C	604	87-016-477-010	CAP, E 10000-16 KRF	AB
C	607	87-A10-295-080	CAP, M 0.01-50 J	AB
C	609	87-A10-295-080	CAP, M 0.01-50 J	AB
C	608	87-A10-295-080	CAP, M 0.01-50 J	AB
C	601	87-A10-377-080	CAP, E 1-50 K SH	AB
C	602	87-A10-377-080	CAP, E 1-50 K SH	AB
C	603	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	612	87-016-472-080	CAP, E 22-16 SME(K)	AB
C	611	87-016-472-080	CAP, E 22-16 SME(K)	AB
C	610	87-A10-295-080	CAP, M 0.01-50 J	AB
C	709	87-010-387-080	CAP, E 470-25 SME	AB
C	707	87-016-472-080	CAP, E 22-16 SME(K)	AB
C	708	87-016-472-080	CAP, E 22-16 SME(K)	AB
C	706	87-A10-178-010	CAP, CER 2200P-50 M D	AB
C	705	87-A10-178-010	CAP, CER 2200P-50 M D	AB
C	701	87-A10-377-080	CAP, E 1-50 K SH	AB
C	702	87-A10-377-080	CAP, E 1-50 K SH	AB
C	703	87-A10-578-080	CAP, CER 0.047-50 Z YF	AB
C	704	87-A10-578-080	CAP, CER 0.047-50 Z YF	AB
C	710	87-010-260-080	CAP, ELECT 47-25V	AB
C	717	87-010-374-080	CAP, ELECT 47-10V	AB
C	715	87-010-376-080	CAP, E 2200-10 M SME	AB
C	716	87-010-376-080	CAP, E 2200-10 M SME	AB
C	711	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	712	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	713	87-A11-012-080	CAP, M 0.15-50 J DE	AB
C	714	87-A11-012-080	CAP, M 0.15-50 J DE	AB
IC	5	87-A20-091-010	IC, M62415FP	AB
IC	601	87-A20-910-010	C-IC, MM1434XF	AB
IC	702	87-001-132-010	FUSE, ICP-N38	AB
IC	701	8Z-CA3-607-010	IC, TA829K	AB
J	601	8Z-CA3-643-010	JACK, HSJ2000	AB
J	602	8Z-CA3-644-010	TERMINAL, SP 4P	AB
L	702	87-005-428-080	COIL 4.7UH K FLR50	AB
Q	404	89-318-155-010	TR, 2SC1815(GR)	AB
Q	403	89-318-155-010	TR, 2SC1815(GR)	AB
R	421	88-121-473-080	RES, 47K-1/8W J	AB
VR	601	8Z-CA3-636-010	VR, RTRY 50K ZCA-3	AB
C	305	87-010-374-080	CAP, ELECT 47-10V	AB
C	306	87-010-374-080	CAP, ELECT 47-10V	AB
C	302	87-A10-285-080	CAP, M 1500P-50 J	AB
C	301	87-A10-285-080	CAP, M 1500P-50 J	AB
C	303	87-A10-288-080	CAP, M 2700P-50 J	AB
C	304	87-A10-288-080	CAP, M 2700P-50 J	AB
C	308	87-A10-296-080	CAP, M 0.012-50 J	AB
C	307	87-A10-296-080	CAP, M 0.012-50 J	AB
C	309	87-A10-377-010	CAP, E 1-50 K SH	AB
C	316	87-010-374-080	CAP, ELECT 47-10V	AB
C	315	87-010-374-080	CAP, ELECT 47-10V	AB
C	318	87-016-643-080	CAP, E 4.7-100 M SSL	AB
C	312	87-016-643-080	CAP, E 4.7-100 M SSL	AB
C	317	87-016-643-080	CAP, E 4.7-100 M SSL	AB
C	311	87-016-643-080	CAP, E 4.7-100 M SSL	AB
C	310	87-A10-377-010	CAP, E 1-50 K SH	AB
C	319	87-A10-576-080	CAP, CER 0.01-50 Z YF	AB
C	314	87-A10-832-080	CAP, CER 1000P-1K K R	AB
C	313	87-A10-832-080	CAP, CER 1000P-1K K R	AB
C	327	87-010-374-080	CAP, ELECT 47-10V	AB
C	323	87-010-551-080	CAP, E 33-10V SRE	AB
C	326	87-010-679-080	CAP, E 10-16 KS	AB
C	325	87-016-621-080	CAP, E 220-10 SSL	AB
C	327	87-A10-178-010	CAP, CER 2200P-50 M D	AB
C	329	87-A10-178-010	CAP, CER 2200P-50 M D	AB
C	322	87-A10-287-080	CAP, M 2200P-50 J	AB
C	321	87-A10-287-080	CAP, M 2200P-50 J	AB
C	328	87-A10-297-080	CAP, M 0.015-50 J	AB
C	324	87-A10-457-080	CAP, E 2.2-160 M SSL	AB
C	320	87-A10-576-080	CAP, CER 0.01-50 Z YF	AB
C	333	87-010-551-080	CAP, E 33-10V SRE	AB

ELECTRICAL PARTS LIST-2/3

C	330	87-A10-283-080	CAP, M 1000P-50 J	AB
C	504	87-010-679-080	CAP, E 10-16 KS	AB
C	505	87-016-310-080	CAP, E 0.47-50 M LLA	AB
C	507	87-016-310-080	CAP, E 0.47-50 M LLA	AB
C	501	87-016-630-080	CAP, E 0.22-50 SSL	AB
C	508	87-A10-377-010	CAP, E 1-50 K SH	AB
C	506	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	503	87-A10-576-080	CAP, CER 0.01-50 Z YF	AB
C	502	87-A10-576-080	CAP, CER 0.01-50 Z YF	AB
C	510	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	551	87-A10-832-080	CAP, CER 1000P-1K K R	AB
C	552	87-A10-832-080	CAP, CER 1000P-1K K R	AB
C	906	87-016-621-080	CAP, E 220-10 SSL	AB
CN	301	8Z-CA3-650-010	CONN ASSY, 3P DECK 2	AB
CON	303	8Z-CA3-646-010	CONN ASSY, 8P DECK-CONT	AB
CON	302	8Z-CA3-648-010	CONN ASSY, 4P DECK 1	AB
D	303	87-070-345-080	DIODE, IN4148	AB
D	503	87-070-345-080	DIODE, IN4148	AB
D	501	87-070-345-080	DIODE, IN4148	AB
D	502	87-070-345-080	DIODE, IN4148	AB
H	303	8Z-CA3-645-010	CONN, 8P DECK-CONT	AB
H	302	8Z-CA3-647-010	CONN, 4P DECK 1	AB
H	301	8Z-CA3-649-010	CONN, 3P DECK 2	AB
IC	301	8Z-CS1-611-010	IC, TA8189N	AB
J	501	8Z-CA3-651-010	JACK, HIJ-035-09	AB
J	551	8Z-CA3-651-010	JACK, HIJ-035-09	AB
Q	302	87-CD7-603-080	TR, SS8050	AB
Q	301	87-CD7-603-080	TR, SS8050	AB
Q	304	89-318-155-010	TR, 2SC1815(GR)	AB
Q	501	89-318-155-010	TR, 2SC1815(GR)	AB
Q	502	89-318-155-010	TR, 2SC1815(GR)	AB
Q	501	8Z-CA3-602-010	TR, 2SC458	AB
SW	302	88-CD6-668-010	SW, 2P2T SK22F03	AB
T	301	8Z-CA3-601-010	COIL, 1A1197N	AB
VR	501	8Z-CA3-637-010	VR, RTRY 10K ZCA-3	AB
C	109	87-018-151-010	CAP, TC U 20P-50 J CH UP050	A
C	106	87-018-151-010	CAP, TC U 20P-50 J CH UP050	
C	107	87-A10-577-080	CAP, CER 0.022-50 Z YF	A
C	105	87-A10-577-080	CAP, CER 0.022-50 Z YF	A
C	105	8Z-CA3-613-010	CAP, CER 0.02-50	.B
C	107	8Z-CA3-613-010	CAP, CER 0.02-50	
C	109	8Z-CM1-649-010	CAP, CER 50P-50 CH	.B
C	111	87-A10-577-080	CAP, CER 0.022-50 Z YF	A
C	112	87-A10-577-080	CAP, CER 0.022-50 Z YF	
C	119	8Z-CA3-612-010	CAP, CER 2000P-50	
C	114	8Z-CA3-613-010	CAP, CER 0.02-50	.B
C	111	8Z-CA3-613-010	CAP, CER 0.02-50	
C	112	8Z-CA3-613-010	CAP, CER 0.02-50	
C	119	8Z-CS3-629-010	CAP, CER 300P-50 K SL	
C	127	87-016-033-080	CAP, E 1-50 K LL	AB
C	124	87-A10-577-080	CAP, CER 0.022-50 Z YF	A
C	125	87-A10-577-080	CAP, CER 0.022-50 Z YF	A
C	120	8Z-CA3-612-010	CAP, CER 2000P-50	
C	129	8Z-CA3-613-010	CAP, CER 0.02-50	.B
C	125	8Z-CA3-613-010	CAP, CER 0.02-50	
C	121	8Z-CA3-613-010	CAP, CER 0.02-50	.B
C	120	8Z-CS3-629-010	CAP, CER 300P-50 K SL	A
C	131	87-016-031-080	CAP, E 0.22-50 K LL	AB
C	134	87-016-033-080	CAP, E 1-50 K LL	AB
C	133	87-016-033-080	CAP, E 1-50 K LL	AB
C	130	87-A10-119-080	CAP, E 10-100 REA	AB
C	139	87-A10-119-080	CAP, E 10-100 REA	AB
C	137	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	132	87-A10-578-080	CAP, CER 0.047-50 Z YF	AB
C	138	8Z-CA3-613-010	CAP, CER 0.02-50	.B
C	136	8Z-CA3-614-010	CAP, M 0.02-50	AB
C	135	8Z-CA3-614-010	CAP, M 0.02-50	AB
C	141	87-A10-458-080	CAP, E 100-10 M SSL	AB
C	142	8Z-CA3-613-010	CAP, CER 0.02-50	
C	152	8Z-CA3-613-010	CAP, CER 0.02-50	.B
C	153	8Z-CA3-613-010	CAP, CER 0.02-50	.B
C	154	8Z-CA3-613-010	CAP, CER 0.02-50	.B
CF	103	87-A91-089-010	FLTR, BPEB1 64-108MHZ	.B
CF	101	8Z-CA3-609-010	FLTR, 10.7M	AB
CF	102	8Z-CA3-610-010	FLTR, 455	
D	107	87-020-465-080	DIODE, 1SS133 (110MA)	.B
D	106	87-020-605-080	DIODE, 1SS135	.B
D	109	87-020-605-080	DIODE, 1SS135	.B
D	108	87-020-605-080	DIODE, 1SS135	.B
D	101	87-070-345-080	DIODE, IN4148	AB
D	105	87-070-345-080	DIODE, IN4148	AB
D	103	8Z-CA3-615-010	DIODE, 1S2638	AB
D	104	8Z-CA3-615-010	DIODE, 1S2638	
L	104	87-003-097-080	COIL, 1UH	
L	104	87-003-383-010	COIL, 1UH-S	A
L	102	8Z-CA3-616-010	COIL, 4T4.5MM	
L	101	8Z-CA3-616-010	COIL, 4T4.5MM	
L	103	8Z-CA3-617-010	COIL, 4T5MM	.B
L	103	8Z-CA3-618-010	COIL, 3T5MM	A
L	104	8Z-CA3-619-010	COIL, 6T4.5MM	AB
L	102	8Z-CA3-619-010	COIL, 6T4.5MM	AB
L	105	8Z-CA3-620-010	COIL, 3T4.5MM	.B

ELECTRICAL PARTS LIST-3/3

L	106	8Z-CA3-621-010	COIL,80:10T AM COIL	.B.....
L	105	8Z-CA3-621-010	COIL,80:10T AM COIL	A.....
L	106	8Z-CA3-622-010	COIL,20:4T SW COIL	.....
L	107	8Z-CA3-624-010	COIL,255:26T LW COIL	AB.....
L	105	8Z-CM1-632-010	COIL,3T 4.5MM	.B.....
SW	101	8Z-CA3-632-010	SW,8P4T	.B.....
SW	101	8Z-CA3-633-010	SW,6P3T	A.....
T	103	88-CD9-668-010	COIL,1A600R	AB.....
T	104	88-CD9-668-010	COIL,1A600R	A.....
T	102	8Z-CA3-623-010	COIL,850R SW COIL	.....
T	102	8Z-CA3-625-010	COIL,KM465	.....
T	103	8Z-CA3-626-010	COIL,KM302	.....
T	101	8Z-CA3-627-010	COIL,7A127N	AB.....
T	106	8Z-CA3-628-010	COIL,4A224R	AB.....
T	107	8Z-CA3-629-010	COIL,7A247R	AB.....
T	104	8Z-CA3-630-010	COIL,316R	.....
T	106	8Z-CA3-631-010	COIL,837R	.....
TC	101	88-CD9-630-010	TRIMMER,8P	A.....
TC	103	88-CD9-630-010	TRIMMER,8P	A.....
TC	104	88-CD9-630-010	TRIMMER,8P	.....
TC	102	88-CD9-630-010	TRIMMER,8P	.....
VR	101	8Z-CA3-634-010	VR,RTRY 100K ZCA-3	.....
C	431	87-A10-458-080	CAP,E 100-10 M SSL	AB.....
C	718	87-010-390-080	CAP,E 3300-25 M SME	AB.....
C	902	87-010-101-080	CAP, ELECT 220-16	AB.....
C	903	87-010-101-080	CAP, ELECT 220-16	AB.....
C	905	87-A10-458-080	CAP,E 100-10 M SSL	AB.....
CN	1	8Z-CA3-642-010	CONN ASSY,2P POWER	AB.....
CON	4	87-A60-178-010	JACK,AC E W/SW	AB.....
D	401	87-070-345-080	DIODE,IN4148	AB.....
D	402	87-070-345-080	DIODE,IN4148	AB.....
D	803	8Z-CA3-608-010	DIODE,5401	AB.....
D	801	8Z-CA3-608-010	DIODE,5401	AB.....
D	802	8Z-CA3-608-010	DIODE,5401	AB.....
D	804	8Z-CA3-608-010	DIODE,5401	AB.....
D	902	87-070-345-080	DIODE,IN4148	AB.....
D	906	87-070-345-080	DIODE,IN4148	AB.....
D	903	87-070-345-080	DIODE,IN4148	AB.....
D	901	87-070-345-080	DIODE,IN4148	AB.....
D	905	87-070-345-080	DIODE,IN4148	AB.....
D	904	87-070-345-080	DIODE,IN4148	AB.....
H	1	8Z-CA3-641-010	CONN,2P POWER	AB.....
PT	801	8Z-CA3-638-010	PT,H	.....
PT	801	8Z-CA3-639-010	PT,EZ	AB.....
Q	401	87-CD7-604-080	TR,8550C	AB.....
Q	402	89-318-155-010	TR,2SC1815(GR)	AB.....
Q	903	87-CD7-604-080	TR,8550C	AB.....
Q	904	87-CD7-604-080	TR,8550C	AB.....
Q	902	89-318-155-010	TR,2SC1815(GR)	AB.....
Q	901	89-318-155-010	TR,2SC1815(GR)	AB.....
SW	901	8Z-CA3-600-010	SW,6P4T	AB.....

MECHANICAL PARTS LIST-1/2

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

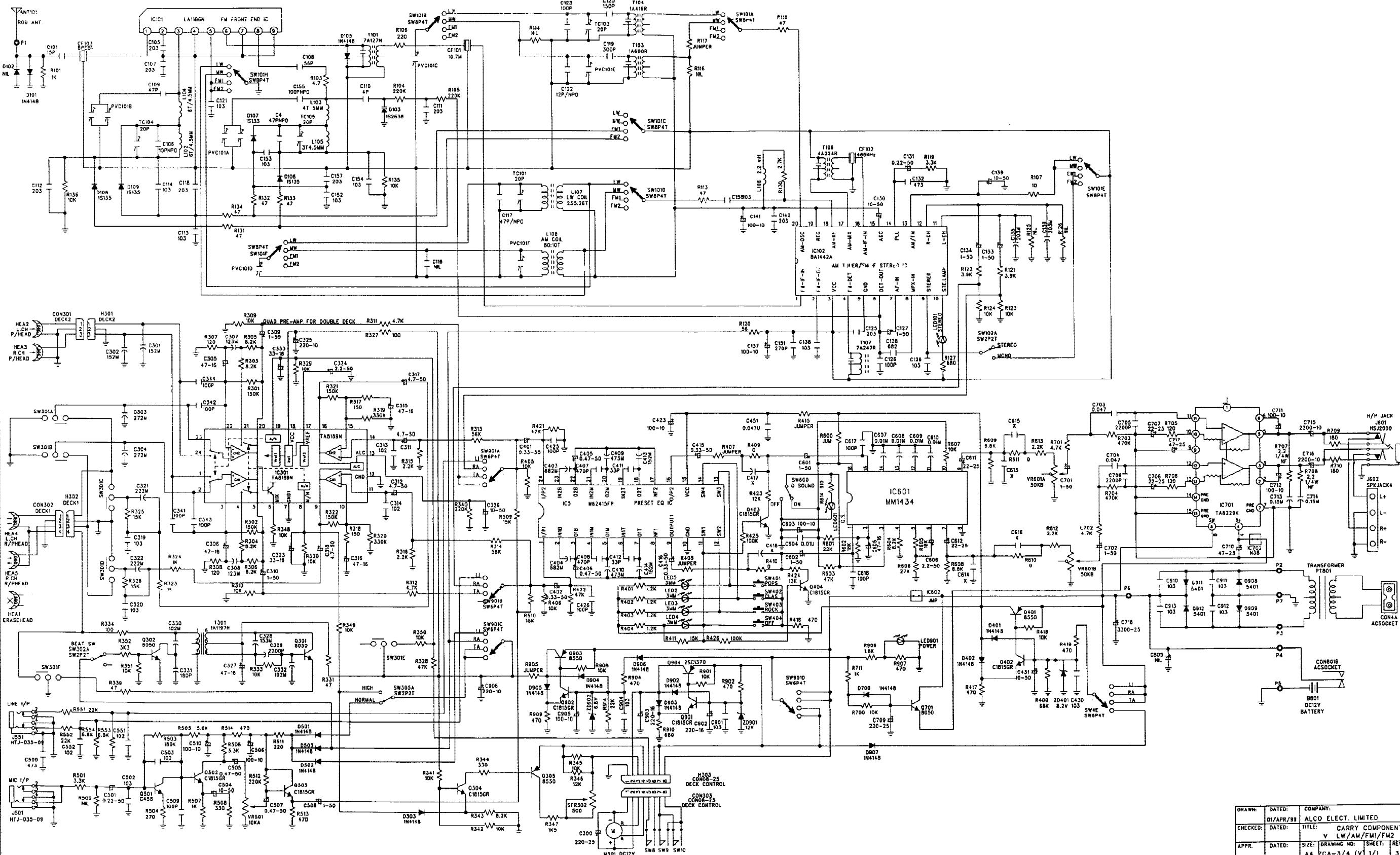
VJSTC	.....	XX	.....	A
EZSTC	.....	XX	.....	B
		KANRI		
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
	8Z-CA3-002-010		CABI, REAR	AB
	8Z-CA3-003-010		COVER, DISPLAY	AB
	8Z-CA3-004-010		PANEL, FRONT	
	8Z-CA3-005-010		DOOR, CASS L	AB
	8Z-CA3-017-010		WINDOW, CASS L	AB
	8Z-CA3-018-010		WINDOW, CASS R	AB
	8Z-CA3-019-010		CABI, FRONT SPKR L	AB
	8Z-CA3-020-010		POINTER,	AB
	8Z-CA3-021-010		CABI, FRONT SPKR R	AB
	8Z-CA3-025-010		GRILLE, SPKR	AB
	8Z-CA3-026-010		CABI, REAR SPKR L	AB
	8Z-CA3-027-010		CABI, REAR SPKR R	AB
	8Z-CA3-028-010		LID, BATT	AB
	8Z-CA3-029-010		HLDR, CORD	AB
	8Z-CA4-001-010		CABI, FRONT	
	8Z-CA4-002-010		WINDOW, DISPLAY SH	
	8Z-CA4-003-010		WINDOW, DISPLAY HR	
	8Z-CA4-004-010		WINDOW, DISPLAY EZ	A
	8Z-CA4-005-010		WINDOW, DISPLAY V	B
	8Z-CA4-012-010		DOOR, CASS R	AB
	8Z-CA4-013-010		CABI, FRONT EZ	AB
	8Z-CA4-014-010		PANEL, FRONT HR	
	8Z-CA4-015-010		PANEL, FRONT V	B
	8Z-CA4-016-010		PANEL, FRONT EZ	A
	8Z-CA2-008-010		KEY, CASS SET 2	AB
	8Z-CA3-007-010		KNOB, RTRY VOLUME	AB
	8Z-CA3-008-010		KNOB, RTRY TUNING	AB
	8Z-CA3-009-010		KNOB, RTRY MIC	AB
	8Z-CA3-010-010		KEY, EQ R	AB
	8Z-CA3-011-010		KEY, EQ L	AB
	8Z-CA3-012-010		KEY, Q SOUND	AB
	8Z-CA3-013-010		KNOB, LEVER FUNCTION	AB
	8Z-CA3-015-010		LENS, Q SOUND	AB
	8Z-CA3-016-010		LENS, KEY SET	AB
	8Z-CA1-203-010		LEVER, REC	AB
	8Z-CA1-205-010		SPR, T, CASS	AB
	8Z-CA1-206-010		HLDR, SPKR BOX	AB
	8Z-CA1-211-010		SPR, BATT A	AB
	8Z-CA1-212-010		SPR, BATT B	AB
	8Z-CA1-220-010		HLDR, SW	AB
	8Z-CA1-221-010		HLDR, SW FUN	AB
	8Z-CA1-222-010		HLDR, SW BAND	AB
	8Z-CA1-223-010		LEVER, SW	AB
	8Z-CA1-224-010		LEVER, SW BAND	AB
	8Z-CA3-201-010		HLDR, LED KEY	AB
	8Z-CA3-202-010		HLDR, LED DISPLAY	AB
	8Z-CA3-203-010		HLDR, RECORD	AB
	8Z-CA3-204-010		HLDR, DIAL DRUM	AB
	8Z-CA3-205-010		DRUM, DIAL	AB
	8Z-CA3-206-010		ROD, DIAL DRUM	AB
	8Z-CA3-207-010		HLDR, SPKR	AB
	87-264-096-410		V+3-10 CR	AB
	87-481-073-410		VWS+2.6-6	AB
	87-571-033-410		TAPPING SCREW, VIT+2-4	AB
	87-641-095-410		UT1+3-8	AB
	87-641-104-410		UT1+3-30	AB
	87-651-076-410		VT1+2.6-12 ZN	AB
	87-651-095-410		VT1+3-8 GLD	AB
	87-651-096-410		TAPPING SCREW, VT+3-10 (GLD)	AB

ACCESSORIES / PACKAGE LIST-1/1

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

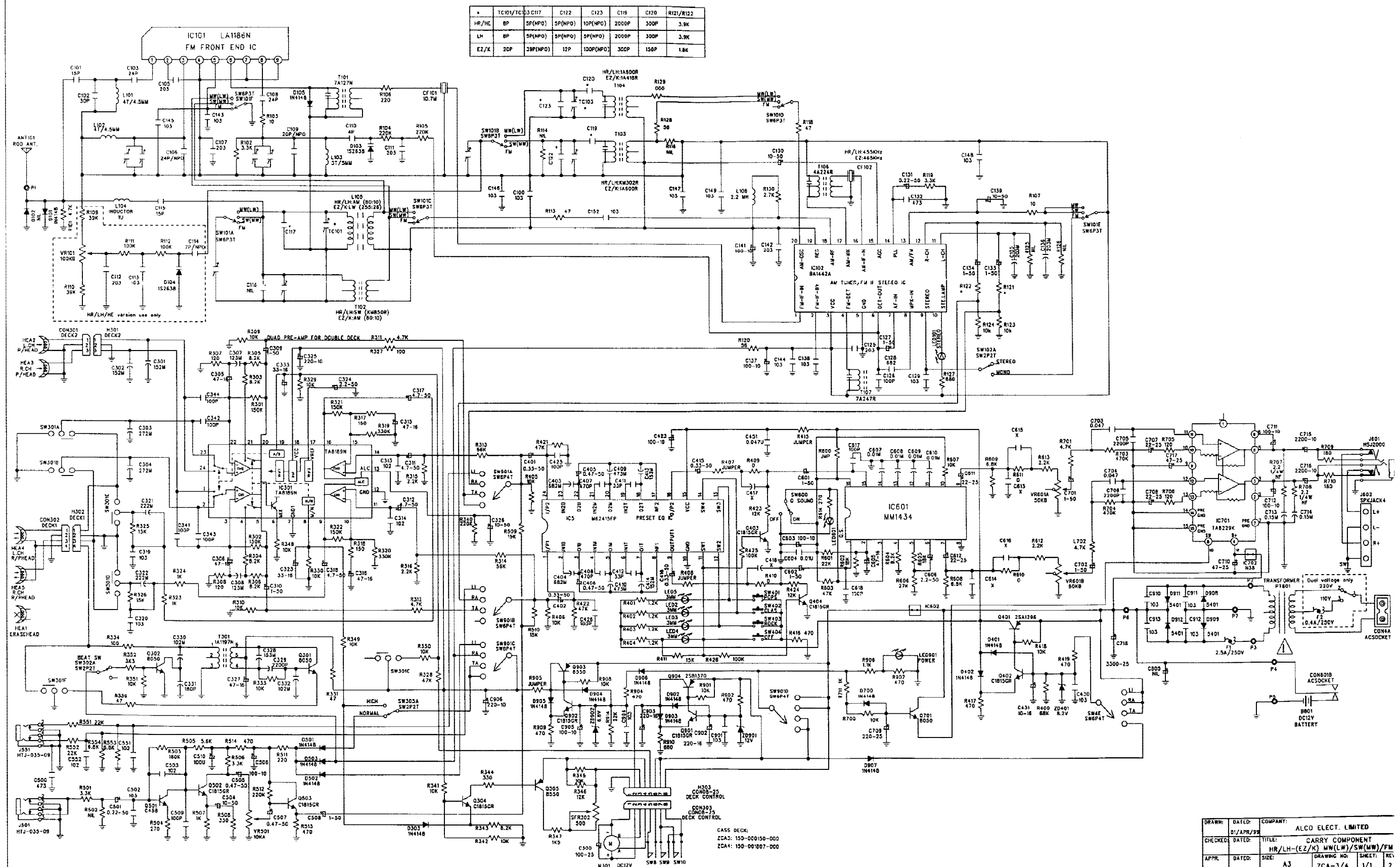
VJSTC	.....	XX	.....	A	.....
EZSTC	.....	XX	.....	B	.....
		KANRI			
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX	
	8Z-CA3-907-010		IB,H(ECA)A		.....
	8Z-CA4-908-010		IB,EZ(9L)A	A	.....
	8Z-CA4-910-010		IB,V(ER)A	B	.....
	87-A80-081-010		AC CORD SET ASSY,EZ BLK	AB	.....
	87-A90-312-010		PLUG,CONVERSION WTN-1157R1		.....

SCHEMATIC DIAGRAM - 1(MAIN)<V>



DRAWN:	DATED:	COMPANY:
CHECKED:	DATED:	TITLE:
APPR:	DATED:	SIZE:
		DRAWING NO:
		SHEET:
		REV:

SCHEMATIC DIAGRAM – 2(MAIN)<EZ>



サービス技術ニュース	
番号	連絡内容
Gー —	
Gー —	
Gー —	

アイワ株式会社
AIWA CO.,LTD.

9820527

Tokyo Japan