



XC-37M

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SERVICE MANUAL

COMPACT DISC PLAYER

BASIC CD MECHANISM : 6ZG-1 SRTDM

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

aiwa

S/M Code No. 09-004-430-4T1

SIMPLE

DATA

ELECTRICAL MAIN PARTS LIST - 1/2

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

REF.NO	PARTS NO.	DESCRIPTION	SUFFIX
UXX.....	KANRI	A.....
		NO.	
	88-906-351-110	FF-CABLE,6P 1.25	A.....
	88-907-251-210	FF-CABLE,7P 1.25 250MM	A.....
	88-916-241-210	FF-CABLE,16P 1.25 240MM	A.....
PT	301	87-AMB-607-010	PT,7AM-B U
C	202	87-010-196-080	CHIP CAPACITOR,0.1-25
C	203	87-010-196-080	CHIP CAPACITOR,0.1-25
C	206	87-010-197-080	CAP,CHIP 0.01 DM
C	201	87-010-263-080	CAP,ELECT 100-10V
C	208	87-010-494-040	CAP,E 1-50 GAS
C	209	87-010-496-040	CAP,E 3.3-50 GAS
C	204	87-010-553-040	CAP,E 47-16 GAS
C	205	87-010-553-040	CAP,E 47-16 GAS
C	207	87-012-140-080	CAP,470P
CN	202	87-099-033-010	CONN,16P 6216 H
CN	201	87-099-200-010	CONN,7P 6216 H
D	201	87-020-465-080	DIODE,1SS133
IC	202	87-NF8-614-010	IC,SPS-442-1-W
IC	201	8A-AM1-605-010	C-IC,LC866440W-XXXX
L	201	87-003-102-080	COIL,10UH
Q	201	87-026-235-080	C-TR,DTC114EK
Q	202	89-327-125-080	C-TR,2SC2712GR
X	201	87-008-394-080	CERAMIC FILTER
CN	501	88-803-031-050	CONN ASSY,3P 100MM
FL	501	86-VMB-601-010	FL,25U48101TA
LED	503	87-017-785-080	LED,SEL4214S
LED	504	87-017-785-080	LED,SEL4214S
LED	501	87-017-785-080	LED,SEL4214S
LED	502	87-017-785-080	LED,SEL4214S
LED	505	87-017-785-080	LED,SEL4214S
LED	507	87-A40-380-180	LED,SEL6510C-TP5 GRN
LED	509	87-A40-380-180	LED,SEL6510C-TP5 GRN
LED	508	87-A40-380-180	LED,SEL6510C-TP5 GRN
LED	506	87-A40-380-180	LED,SEL6510C-TP5 GRN
LED	510	87-A40-380-180	LED,SEL6510C-TP5 GRN
Q	506	87-026-608-080	C-TR,DTC123JK
Q	507	87-026-608-080	C-TR,DTC123JK
Q	502	87-026-608-080	C-TR,DTC123JK
Q	508	87-026-608-080	C-TR,DTC123JK
Q	504	87-026-608-080	C-TR,DTC123JK
Q	509	87-026-608-080	C-TR,DTC123JK
Q	501	87-026-608-080	C-TR,DTC123JK
Q	505	87-026-608-080	C-TR,DTC123JK
Q	503	87-026-608-080	C-TR,DTC123JK
Q	510	87-026-608-080	C-TR,DTC123JK
R	541	87-022-355-080	C-RES,S10K-1/10W F
R	543	87-022-355-080	C-RES,S10K-1/10W F
R	542	87-022-355-080	C-RES,S10K-1/10W F
SW	519	87-A90-095-080	SW,TACT EVQ11G04M
SW	517	87-A90-095-080	SW,TACT EVQ11G04M
SW	513	87-A90-095-080	SW,TACT EVQ11G04M
SW	518	87-A90-095-080	SW,TACT EVQ11G04M
SW	515	87-A90-095-080	SW,TACT EVQ11G04M
SW	514	87-A90-095-080	SW,TACT EVQ11G04M
SW	516	87-A90-095-080	SW,TACT EVQ11G04M
SW	512	87-A90-095-080	SW,TACT EVQ11G04M
SW	526	87-A90-095-080	SW,TACT EVQ11G04M
SW	525	87-A90-095-080	SW,TACT EVQ11G04M
SW	520	87-A90-095-080	SW,TACT EVQ11G04M
SW	522	87-A90-095-080	SW,TACT EVQ11G04M
SW	527	87-A90-095-080	SW,TACT EVQ11G04M
SW	524	87-A90-095-080	SW,TACT EVQ11G04M
SW	523	87-A90-095-080	SW,TACT EVQ11G04M
SW	521	87-A90-095-080	SW,TACT EVQ11G04M
SW	528	87-A90-095-080	SW,TACT EVQ11G04M
	82-304-743-010	TERMINAL,1P	A.....
	82-304-743-010	TERMINAL,1P	A.....
C	308	87-010-196-080	CHIP CAPACITOR,0.1-25
C	307	87-010-196-080	CHIP CAPACITOR,0.1-25
C	303	87-010-196-080	CHIP CAPACITOR,0.1-25
C	302	87-010-196-080	CHIP CAPACITOR,0.1-25
C	306	87-010-236-080	CAP,E 1000-10 SME
C	309	87-010-263-080	CAP,ELECT 100-10V
C	305	87-010-322-080	C-CAP,S 100P-50 CH
C	304	87-010-805-080	CAP,S 1-16
C	301	87-010-878-090	CAP,E6800-16
C	310	87-010-197-080	CAP,CHIP 0.01 DM
C	311	87-010-805-080	CAP,S 1-16
C	322	87-010-178-080	CHIP CAP,1000P
C	321	87-010-247-080	CAP,ELECT 100-50V
C	323	87-010-247-080	CAP,ELECT 100-50V
C	324	87-010-263-080	CAP,ELECT 100-10V

ELECTRICAL MAIN PARTS LIST - 2/2

C	325	87-010-405-080	CAP,ELECT 10-50V	A.....
C	326	87-010-405-080	CAP,ELECT 10-50V	A.....
CN	303	87-099-199-010	CONN,6P 6216 H	A.....
CN	301	87-099-200-010	CONN,7P 6216 H	A.....
D	304	87-A40-184-090	DIODE,RK34(F)	A.....
D	301	87-A40-184-090	DIODE,RK34(F)	A.....
D	303	87-A40-184-090	DIODE,RK34(F)	A.....
D	302	87-A40-184-090	DIODE,RK34(F)	A.....
D	325	87-017-083-080	ZENER,HZS4C2	A.....
D	321	87-A40-189-080	DIODE,1SR139-400	A.....
D	322	87-A40-189-080	DIODE,1SR139-400	A.....
D	324	87-A40-189-080	DIODE,1SR139-400	A.....
D	323	87-A40-189-080	DIODE,1SR139-400	A.....
F	302	87-A90-410-080	FUSE,0.5A 125V 251	A.....
F	301	87-A90-426-080	FUSE,3A 125V 251	A.....
IC	301	87-020-903-010	IC,NJM7805FA	A.....
Q	308	87-026-608-080	C-TR,DTC123JK	A.....
Q	309	87-026-608-080	C-TR,DTC123JK	A.....
Q	303	89-111-625-080	TR,2SA1162	A.....
Q	301	89-213-702-010	TR,2SB1370	A.....
Q	305	89-327-125-080	C-TR,2SC2712GR	A.....
Q	304	89-327-125-080	C-TR,2SC2712GR	A.....
Q	322	89-111-625-080	TR,2SA1162	A.....
Q	321	89-213-302-080	TR,2SB1330	A.....
CN	503	87-009-345-010	CONN,2P PH H	A.....
CN	504	88-803-020-840	CONN ASSY,2P 80MM	A.....
SW	505	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	507	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	501	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	508	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	503	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	509	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	500	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	502	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	504	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	506	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	510	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
SW	511	87-036-215-080	TACT SWITCH,EVQ-21404M	A.....
C	401	87-010-178-080	CHIP CAP,1000P	A.....
C	402	87-010-178-080	CHIP CAP,1000P	A.....
C	409	87-010-178-080	CHIP CAP,1000P	A.....
C	407	87-010-197-080	CAP,CHIP 0.01 DM	A.....
C	403	87-010-503-040	CAP,E 220-4 GAS	A.....
C	404	87-010-503-040	CAP,E 220-4 GAS	A.....
C	408	87-010-549-040	CAP,E 47-6.3 GAS	A.....
C	406	87-010-549-040	CAP,E 47-6.3 GAS	A.....
C	410	87-010-178-080	CHIP CAP,1000P	A.....
C	412	87-010-196-080	CHIP CAPACITOR,0.1-25	A.....
C	416	87-010-805-080	CAP,S 1-16	A.....
C	415	87-010-805-080	CAP,S 1-16	A.....
CN	411	87-AM1-632-010	CONN ASSY,7P HP	A.....
CN	505	87-009-346-010	CONN,3P PH H	A.....
IC	401	87-017-878-080	IC,TDA1308T	A.....
J	401	87-099-580-010	JACK,6.3 ST/SW/4609G	A.....
CN	401	87-AMB-611-010	CONN ASSY,3P PIN-JACK	A.....
J	401	87-009-610-010	JACK PIN 2P H EARH	A.....
		86-VMB-205-010	GUIDE,FL	A.....
		87-067-001-010	FW,3.1-5.4-1	A.....

MECHANICAL PARTS LIST - 1/1

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

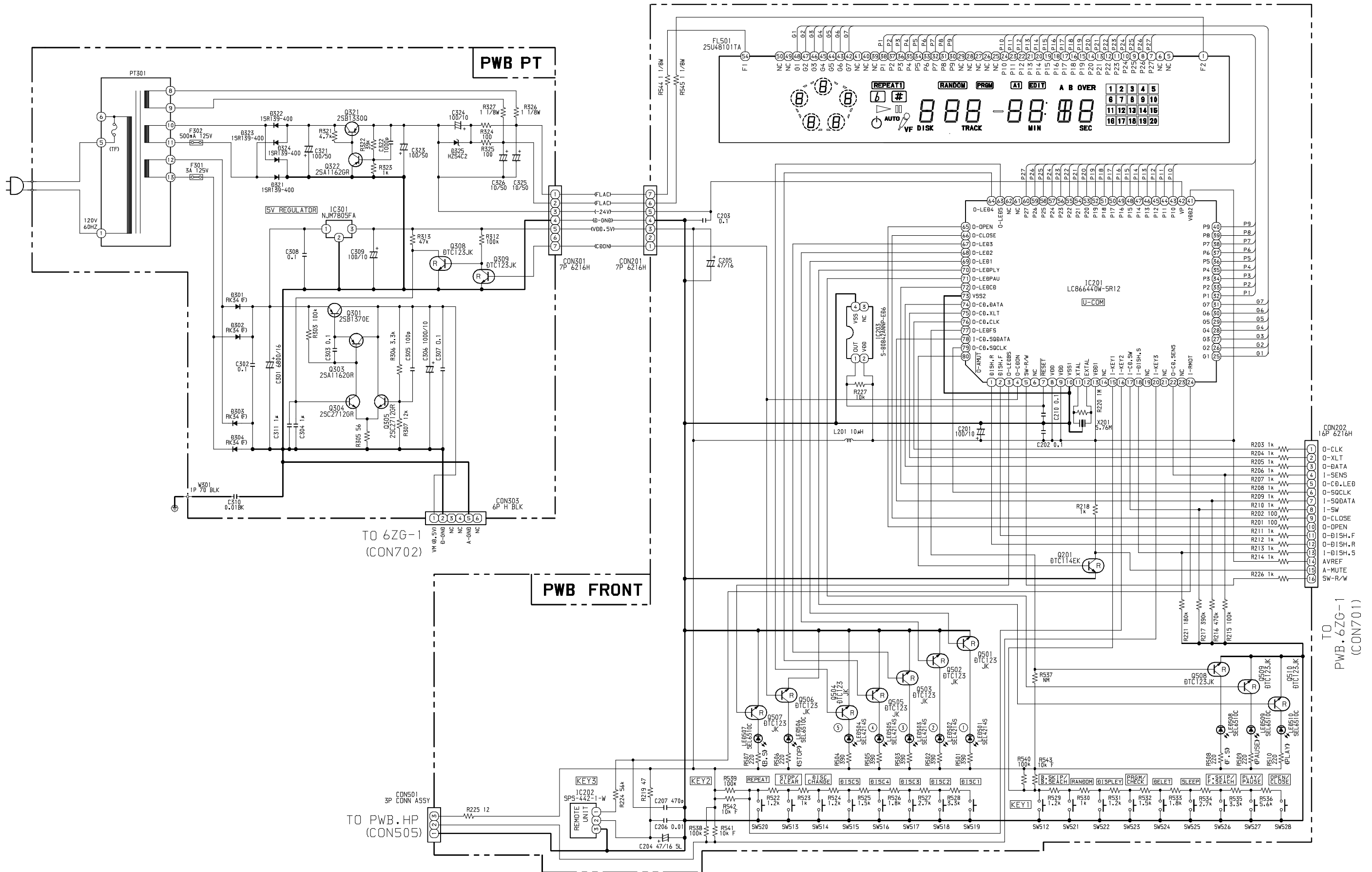
REF.NO	PARTS NO.	XX KANRI NO.	DESCRIPTION	A SUFFIX
U				A
	82-AA1-029-110		FOOT (SG)	A
	87-AM1-003-010		CABI,STEEL	A
	87-B00-002-010		BADGE,AIWA 30 ABS SIL	A
	8A-AM1-001-010		CABI,FR 37U	A
	8A-AM1-002-010		PANEL,REAR(L) 37UBM	A
	8A-AM1-003-010		PANEL,REAR(R) 37UBM	A
	87-AM1-007-010		KEY,PLAY	A
	87-AM1-008-010		KEY,PBC	A
	87-AM1-009-010		KEY,POWER	A
	87-AM1-014-010		REFLECTOR,PLAY	A
	87-AM1-015-010		REFLECTOR,FF	A
	87-AMB-005-010		KEY,DISPLAY(U)	A
	87-AMB-006-010		KEY,DIRECT(U)	A
	8Z-AM1-004-010		KEY,TEN(35)	A
	87-MAT-009-010		WINDOW,TOP(U)	A
	8A-AM1-004-010		PANEL,CD DIR	A
	8Z-AM1-003-010		PANEL,TRAY(35)	A
	8Z-AM1-005-010		WINDOW,DISPLAY (SMK)	A
	84-ZG1-245-210		CAP,OPTICAL	A
	86-VMB-202-010		HLDR,PT	A
	86-VMB-206-010		HLDR,PCB	A
	87-067-058-010		FW 3.2-8-1	A
	87-AM1-202-010		HLDR,CABI	A
	87-AM1-203-010		GUIDE,LED	A
	87-AM1-208-010		HLDR,SUB	A
	89-VP5-206-010		HLDR,IC	A
	81-MK1-210-010		S-SCREW,VFT2+3-16	A
	87-067-584-010		TAPPING SCREW, BVT2+3-6	A
	87-067-585-010		TAPPING SCREW, BVTT+4-6	A
	87-067-641-010		UTT2+3-8(W/O SLOT)BL	A
	87-067-703-010		TAPPING SCREW, BVT2+3-10	A
	87-591-094-410		TAPPING SCREW, QIT+3-6	A
	87-B10-021-010		BVT2+3-8W/CONVEX BLK	A
	87-085-189-010		BUSHING, CORD (U)	A
	87-A80-110-010		AC CORD ASSY,U SPT-2W	A
	88-906-351-110		FF-CABLE, 6P 1.25	A
	88-907-251-210		FF-CABLE, 7P 1.25 250MM R	A
	88-916-241-210		FF-CABLE, 16P 1.25 240MM	A
PT 301	87-AMB-607-010		PT,7AM-B U	A
	82-304-743-010		TERMINAL, 1P	A
	86-VMB-205-010		GUIDE,FL	A
	87-067-001-010		FW,3.1-5.4-1	A

ACCESSORIES / PACKAGE LIST - 1/1

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

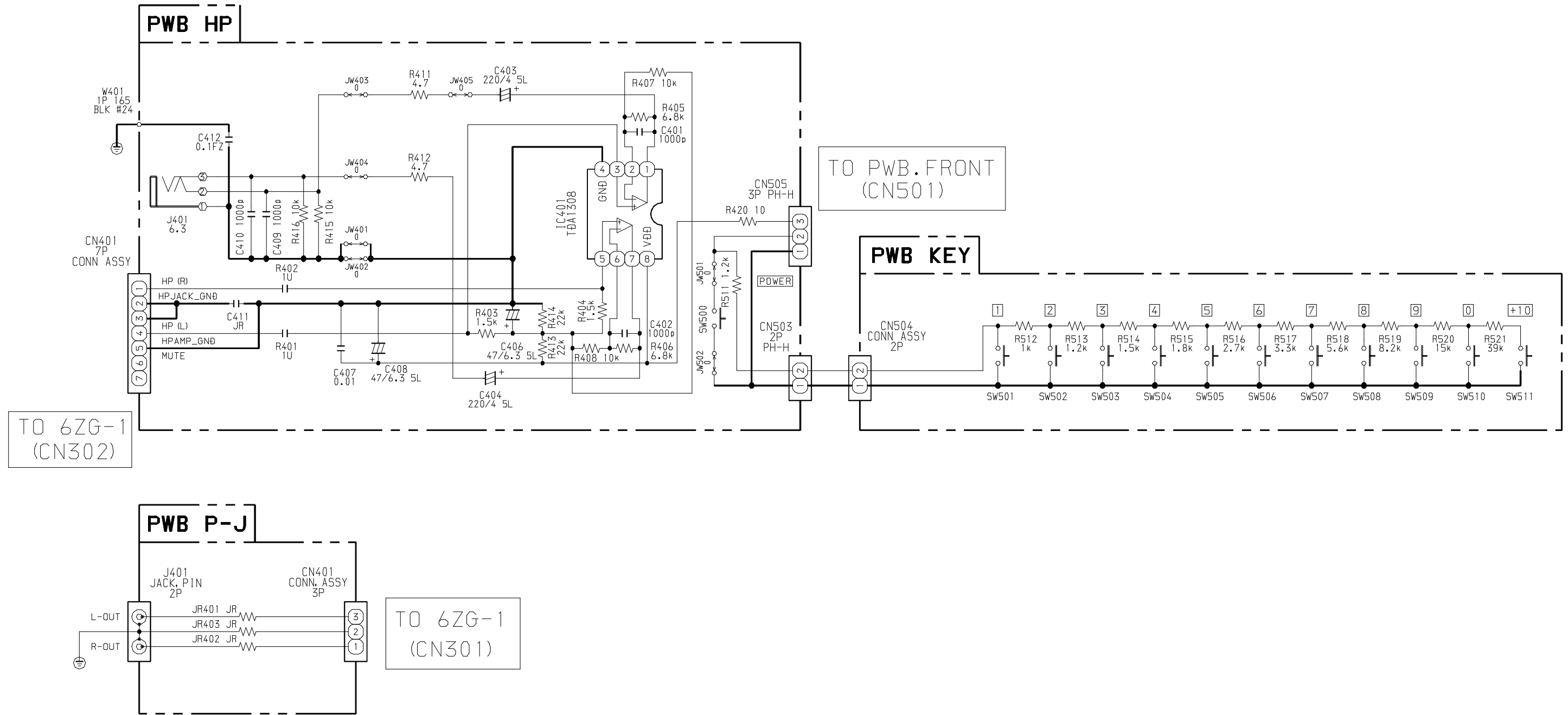
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
		XX		A
		KANRI		
	8A-AM1-903-010		IB,U(ESF)M	A
	87-A80-032-010		CORD,PIN 2P RED-WHT	A
	8A-AM1-951-010		RC UNIT,7AC04(BLK)	A

SCHEMATIC DIAGRAM-1 (FRONT / PT)



T. MASUYAMA
 CIRCUIT DIAGRAM
 8A AM1 601 019
 C0000330
 XC-37M
 2000 2 28

SCHEMATIC DIAGRAM - 2 (KEY / HP / PJ)



B-AAM-1H.K.P

AAM-1

T.MASUYAMA

CIRCUIT DIAGRM

87	AMB	605	019
87	AMT	621	219

C0000332

XC-37M

2000 2 28

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