

# aiwa



## HS-TX394 HS-TX396

STEREO RADIO CASSETTE PLAYER

- TYPE: YU,YL,YZ<394>  
YL,YH,YZ<396>

**SIMPLE MANUAL**

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

S/M Code No. 09-98B-313-00A

MANUAL  
SERVICE

# ELECTRICAL MAIN PARTS LIST - 1/2

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

[S]394YU	XX	A
[L]394YL1	XX	B
[S]396YL1	XX	C
[S]396YH1	XX	D
[S]396YLB	XX	E
[S]396YL	XX	F
[S]394YZ1B	XX	G
[L]394YZ1B	XX	H
[S]394YZ1	XX	I
[L]394YZ1	XX	J
[S]396YZ1	XX	K

REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
C	2	87-010-179-080	CAP,CHIP S B1200P	ABCDEFGHIJK
C	1	87-010-179-080	CAP,CHIP S B1200P	ABCDEFGHIJK
C	5	87-010-193-080	CHIP CAPACITOR,0.033	ABCDEFGHIJK
C	6	87-010-193-080	CHIP CAPACITOR,0.033	ABCDEFGHIJK
C	9	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFGHIJK
C	3	87-010-501-040	E/CAP GAS 47-4	ABCDEFGHIJK
C	4	87-010-820-040	CAP,E 47-4 (MJ)	ABCDEFGHIJK
C	8	87-012-141-080	CHIP-CAPACITOR,0.22-16F	ABCDEFGHIJK
C	7	87-012-141-080	CHIP-CAPACITOR,0.22-16F	ABCDEFGHIJK
C	17	82-HJ5-612-010	CAP,E 470-4	ABCDEFGHIJK
C	19	87-010-177-080	C-CAP,S 820P-50 SL	ABCDEFGHIJK
C	18	87-010-177-080	C-CAP,S 820P-50 SL	ABCDEFGHIJK
C	12	87-010-178-080	CHIP CAP 1000P	ABCDEFGHIJK
C	16	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFGHIJK
C	13	87-010-274-080	C-CAP,TN 3.3-4	ABCDEFGHIJK
C	14	87-010-503-040	CAP,E 220-4 GAS	ABCDEFGHIJK
C	11	87-010-822-040	CAP,E 220-4 (MJ)	ABCDEFGHIJK
C	10	87-010-822-040	CAP,E 220-4 (MJ)	ABCDEFGHIJK
C	15	87-A10-422-080	C-CAP,TN 10-4 A TCF	ABCDEFGHIJK
C	20	87-010-178-080	CHIP CAP 1000P	ABCDEFGHIJK
C	21	87-010-178-080	CHIP CAP 1000P	ABCDEFGHIJK
C	25	87-010-805-080	CAP, S 1-16	ABCDEFGHIJK
C	23	87-010-805-080	CAP, S 1-16	ABCDEFGHIJK
C	22	87-A10-422-080	C-CAP,TN 10-4 A TCF	ABCDEFGHIJK
C	24	87-A10-422-080	C-CAP,TN 10-4 A TCF	ABCDEFGHIJK
D	1	87-001-142-080	DIODE,1SS294 (100MA)	ABCDEFGHIJK
IC	1	87-A21-235-080	C-IC,LAG668FTF	ABCDEFGHIJK
J	1	85-HRL-623-010	JACK,3.5 ST BLK	ABCDEFGHIJK
J	2	87-A60-849-010	JACK,DC DIA 2.75 BLK	...D
L	1	87-A50-038-010	COIL,RF CHOKE	ABCDEFGHIJK
Q	2	87-026-210-080	CHIP-TR,DTC144EK	ABCDEFGHIJK
Q	5	87-026-262-080	C-TR,RN1407	ABCDEFGHIJK
Q	6	87-026-262-080	C-TR,RN1407	ABCDEFGHIJK
Q	9	87-026-264-080	C-TR,RN1411	ABCDEFGHIJK
Q	3	87-026-264-080	C-TR,RN1411	ABCDEFGHIJK
Q	4	87-026-264-080	C-TR,RN1411	ABCDEFGHIJK
Q	7	87-026-267-080	LIGHT EMITTING DIODE,RN2407	ABCDEFGHIJK
Q	8	87-026-267-080	LIGHT EMITTING DIODE,RN2407	ABCDEFGHIJK
Q	1	89-113-625-080	TR,2SA1362GR(120MHZ,0.	ABCDEFGHIJK
R	9	87-A00-330-080	RES,M/F 220-1/8W 3900PPM	ABCDEFGHIJK
SFR	1	87-A91-057-040	C-SFR,3.3K B RHO3AXAN4X	ABCDEFGHIJK
SW	1	87-A90-133-010	SW LEAF LSA1120JAU	ABCDEFGHIJK
TH	1	87-026-256-090	THERMISTOR, HT-100	ABCDEFGHIJK
VR	1	87-A90-981-010	VR,RTRY 20KBX1	ABCDEFGHIJK
BPF	101	87-A90-601-010	FLTR,BPF GFWB7	ABCDEFGHIJK
C	107	87-010-145-080	C-CAP,S 1P-50 CH	ABCDEFGHIJK
C	101	87-010-194-080	CAP, CHIP 0.047	ABCDEFGHIJK
C	103	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFGHIJK
C	102	87-010-197-080	CAP, CHIP 0.01 DM	ABCDEFGHIJK
C	104	87-010-318-080	C-CAP,S 47P-50 CH	ABCDEFGHIJK
C	105	87-012-140-080	CAP 470P	ABCDEFGHIJK
C	106	87-012-153-080	C-CAP,S 120P-50 CH	ABCDEFGHIJK
C	108	87-012-155-080	C-CAP 180P-50CH	ABCDEFGHIJK
C	115	87-010-145-080	C-CAP,S 1P-50 CH	ABCDEFGHIJK
C	110	87-010-154-080	CAP CHIP 10P	ABCDEFGHIJK
C	113	87-010-154-080	CAP CHIP 10P	ABCDEFGHIJK
C	117	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFGHIJK
C	111	87-010-197-080	CAP, CHIP 0.01 DM	ABCDEFGHIJK
C	119	87-010-197-080	CAP, CHIP 0.01 DM	ABCDEFGHIJK
C	114	87-010-197-080	CAP, CHIP 0.01 DM	ABCDEFGHIJK
C	112	87-010-312-080	C-CAP,S 15P-50 CH	ABCDEFGHIJK
C	118	87-010-805-080	CAP, S 1-16	ABCDEFGHIJK
C	126	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFGHIJK
C	125	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFGHIJK
C	120	87-010-197-080	CAP, CHIP 0.01 DM	ABCDEFGHIJK
C	127	87-010-419-040	CAP,E 4.7-16 5L	ABCDEFGHIJK
C	129	87-010-426-080	C-CAP,S 0.012-25 B	ABCDEFGHIJK
C	128	87-010-452-080	CAPACITOR,1-16	ABCDEFGHIJK
C	124	87-010-805-080	CAP, S 1-16	ABCDEFGHIJK
C	123	87-012-141-080	CHIP-CAPACITOR,0.22-16F	ABCDEFGHIJK
C	122	87-012-141-080	CHIP-CAPACITOR,0.22-16F	ABCDEFGHIJK
C	121	87-012-157-080	C-CAP,S 330P-50 CH	ABCDEFGHIJK
C	136	87-010-178-080	CHIP CAP 1000P	ABCDEFGHIJK
C	131	87-010-213-080	C-CAP,S 0.015-50 B	ABCDEFGHIJK
C	132	87-010-213-080	C-CAP,S 0.015-50 B	ABCDEFGHIJK
C	130	87-010-426-080	C-CAP,S 0.012-25 B	ABCDEFGHIJK

# ELECTRICAL MAIN PARTS LIST - 2/2

C	134	87-010-822-040	CAP,E 220-4 (MJ)	ABCDEFHGHIJK.....
C	133	87-010-822-040	CAP,E 220-4 (MJ)	ABCDEFHGHIJK.....
C	138	87-016-461-080	C-CAP,S 0.47-16F	ABCDEFHGHIJK.....
CF	104	87-A91-093-010	FLTR,KIT KSKM2CD-AO-003	ABCDEFHGHIJK.....
CF	101	87-A91-162-010	FLTR,PFS450A7	ABCDEFHGHIJK.....
D	101	87-A40-462-040	C-VARI-CAP,SVC347(S)	ABCDEFHGHIJK.....
D	102	87-A40-484-070	C-VARI-CAP,SVC203CP	ABCDEFHGHIJK.....
D	103	87-A40-484-070	C-VARI-CAP,SVC203CP	ABCDEFHGHIJK.....
IC	101	87-A20-851-040	C-IC,TA2111F	ABCDEFHGHIJK.....
L	104	87-003-226-080	MICRO INDUCTOR 100UJ	ABCDEFHGHIJK.....
L	105	87-A91-063-010	IFT,AM 450KHZ	ABCDEFHGHIJK.....
L	101	8Z-HRC-605-010	BAR-ANT,MW	ABCDEFHGHIJK.....
L	103	8Z-HRC-606-010	COIL,OSC FM	ABCDEFHGHIJK.....
L	102	8Z-HRC-607-010	COIL,FM RF	ABCDEFHGHIJK.....
Q	102	87-026-268-080	C-TR,RN2411	ABCDEFHGHIJK.....
Q	104	87-026-268-080	C-TR,RN2411	ABCDEFHGHIJK.....
Q	103	87-026-268-080	C-TR,RN2411	ABCDEFHGHIJK.....
Q	105	89-111-625-080	TR,2SA1162 (0.15W)	ABCDEFHGHIJK.....
Q	101	89-327-143-080	TR,2SC2714 (0.1W)	ABCDEFHGHIJK.....
V	101	87-011-217-010	TRIMER,10P VCT35	ABCDEFHGHIJK.....
C	401	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFHGHIJK.....
C	402	87-010-196-080	CHIP CAPACITOR,0.1-25	ABCDEFHGHIJK.....
C	405	87-010-499-040	CAP,E 22-6.3 GAS	ABCDEFHGHIJK.....
C	404	87-010-805-080	CAP, S 1-16	ABCDEFHGHIJK.....
C	403	87-010-805-080	CAP, S 1-16	ABCDEFHGHIJK.....
Q	401	87-026-264-080	C-TR,RN1411	ABCDEFHGHIJK.....
Q	402	87-026-264-080	C-TR,RN1411	ABCDEFHGHIJK.....
Q	256	87-010-150-080	C-CAP,S 6P-50 CH	ABCDEFHGHIJK.....
C	251	87-010-180-080	C-CER 1500P	ABCDEFHGHIJK.....
C	253	87-010-197-080	CAP, CHIP 0.01 DM	ABCDEFHGHIJK.....
C	255	87-010-197-080	CAP, CHIP 0.01 DM	ABCDEFHGHIJK.....
C	254	87-010-452-080	CAPACITOR,1-16	ABCDEFHGHIJK.....
C	258	87-010-805-080	CAP, S 1-16	ABCDEFHGHIJK.....
C	252	87-010-805-080	CAP, S 1-16	ABCDEFHGHIJK.....
C	257	87-012-156-080	C-CAP,S 220P-50 CH	ABCDEFHGHIJK.....
D	251	87-020-027-080	CHIP-DIODE 1SS184	ABCDEFHGHIJK.....
IC	251	87-001-145-080	IC,TA8126F	ABCDEFHGHIJK.....
L	251	87-A50-396-040	C-COIL,D-D CONV CP-4LBM	ABCDEFHGHIJK.....
Q	252	89-327-125-080	CHIP TR,2SC2712GR	ABC.EF.....
Q	251	89-327-125-080	CHIP TR,2SC2712GR	ABC.EF.....
			FF-CABLE, 17P	ABCDEFHGHIJK.....
C	205	87-010-152-080	C-CAP,S 8P-50 CH	...D..GHIJK.....
C	206	87-010-152-080	C-CAP,S 8P-50 CH	...D..GHIJK.....
C	207	87-010-805-080	CAP, S 1-16	...D..GHIJK.....
C	214	87-010-178-080	CHIP CAP 1000P	...D..GHIJK.....
C	215	87-010-182-080	C-CAP,S 2200P-50 B	...D..GHIJK.....
C	210	87-010-196-080	CHIP CAPACITOR,0.1-25	...D..GHIJK.....
C	212	87-010-196-080	CHIP CAPACITOR,0.1-25	...D..GHIJK.....
C	216	87-010-805-080	CAP, S 1-16	...D..GHIJK.....
C	213	87-010-805-080	CAP, S 1-16	...D..GHIJK.....
C	218	87-010-805-080	CAP, S 1-16	...D..GHIJK.....
C	211	87-012-141-080	CHIP-CAPACITOR,0.22-16F	...D..GHIJK.....
C	272	87-010-181-080	CAP,CHIP S 1800P	ABC.EF.....
C	271	87-010-181-080	CAP,CHIP S 1800P	ABC.EF.....
C	273	87-010-181-080	CAP,CHIP S 1800P	ABC.EF.....
C	274	87-010-181-080	CAP,CHIP S 1800P	ABC.EF.....
C	278	87-010-805-080	CAP, S 1-16	ABC.EF.....
C	277	87-010-805-080	CAP, S 1-16	ABC.EF.....
C	275	87-010-805-080	CAP, S 1-16	ABC.EF.....
C	279	87-010-805-080	CAP, S 1-16	ABC.EF.....
C	287	87-010-196-080	CHIP CAPACITOR,0.1-25	ABC.EF.....
C	284	87-010-196-080	CHIP CAPACITOR,0.1-25	ABC.EF.....
C	285	87-010-196-080	CHIP CAPACITOR,0.1-25	ABC.EF.....
C	281	87-010-312-080	C-CAP,S 15P-50 CH	ABC.EF.....
C	280	87-010-314-080	C-CAP,S 22P-50V	ABC.EF.....
C	288	87-010-427-080	C-CAP,S 0.039-25 B	ABC.EF.....
C	282	87-012-142-080	CAP, S 0.33-16	ABC.EF.....
D	205	87-020-027-080	CHIP-DIODE 1SS184	ABCDEFHGHIJK.....
D	206	87-A40-260-080	C-ZENER,UDZ2.0B	...D..GHIJK.....
IC	201	87-A21-049-010	C-IC,LC72342G	...D..GHIJK.....
IC	201	87-A21-149-010	C-IC,TC9322FB-501	ABC.EF.....
LCD	201	88-HRC-610-010	LCD,HS ASSY(BAND/TU)	ABC.EF.....
LCD	201	8Z-HRC-603-010	LCD,ASSY(BAND/TU) 19P	...D..GHIJK.....
Q	204	87-026-210-080	CHIP-TR,DTC144EK	ABCDEFHGHIJK.....
Q	202	87-026-268-080	C-TR,RN2411	...D..GHIJK.....
Q	201	87-A30-159-080	C-TR,KTA1298Y	ABCDEFHGHIJK.....
Q	203	89-327-125-080	CHIP TR,2SC2712GR	...D..GHIJK.....
R	217	87-022-374-080	C-RES,S 560K-1/10WF	...D..GHIJK.....
R	216	87-022-375-080	C-RES,S 680K-1/10W F	...D..GHIJK.....
R	275	87-022-359-080	C-RES,S22K-1/10WF	ABC.EF.....
R	276	87-022-359-080	C-RES,S22K-1/10WF	ABC.EF.....
R	277	87-022-361-080	C-RES,S 47K-1/10W F	ABC.EF.....
SW	213	87-036-304-080	C-SW,SL 1-1-2	ABCDEFHGHIJK.....
TH	201	87-A90-547-080	C-THMS,47K (5%)NTH 5G	ABC.EF.....
X	201	87-A70-082-010	VIB,XTAL 75KHZ	...D.....
X	201	87-A70-173-010	VIB,XTAL 75KHZ DT-261	ABC.EFGHIJK.....

# MECHANICAL PARTS LIST - 1/1

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

[S]394YU	XX	A
[L]394YL1	XX	B
[S]396YL1	XX	C
[S]396YH1	XX	D
[S]396YLB	XX	E
[S]396YL	XX	F
[S]394YZ1B	XX	G
[L]394YZ1B	XX	H
[S]394YZ1	XX	I
[L]394YZ1	XX	J
[S]396YZ1	XX	K

REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
	8Z-HRC-001-010		LID,CASS 396	..CDEF.....
	8Z-HRC-005-010		WINDOW,LCD	ABCDEFGHIJK.....
	8Z-HRC-012-010		LID,CASS 394	A.....
	8Z-HRC-013-010		LID,CASS BLUE	.B.....
	8Z-HRC-017-010		LID,CASS 394 EGS	.....G.I.....
	8Z-HRC-018-010		LID,CASS 396 EGS	.....K.....
	8Z-HRC-019-010		LID,CASS BLUE EGS	.....H.J.....
	8Z-HRC-006-010		CAP, FUNCTION BLUE	..CDEF.....K.....
	8Z-HRC-007-010		BTN,FUNCTION	ABCDEFGHIJK.....
	8Z-HRC-008-010		KNOB,SL HOLD	A.CDEFG.I.K.....
	8Z-HRC-010-010		CAP, FUNCTION	AB....GHIJ.....
	8Z-HRC-020-010		KNOB,SL HOLD BLUE	.B.....H.J.....
	87-078-052-010		S-SCREW+1.4-3.5HL(B)	ABCDEFGHIJK.....
	8Z-HRC-002-010		FRAME,CENTER	A.CDEFG.I.K.....
	8Z-HRC-003-010		CABI,REAR	.....D.....
	8Z-HRC-004-010		LID,BATT	A.CDEFG.I.K.....
	8Z-HRC-011-010		CABI,REAR YZ	A.C.EFG.I.K.....
	8Z-HRC-014-010		FRAME,CENTER BLUE	.B.....H.J.....
	8Z-HRC-015-010		CABI,REAR BLUE	.B....H.J.....
	8Z-HRC-016-010		LID,BATT BLUE	.B.....H.J.....
	87-067-756-010		SCREW HINGE 1.4-4	ABCDEFGHIJK.....
	87-067-769-010		VT2+1.7-8(3) BLK	ABCDEFGHIJK.....
	87-264-525-310		SCREW, V+1.7-2.5	ABCDEFGHIJK.....
	81-HK9-208-210		SPR-P,CASS A	ABCDEFGHIJK.....
	86-HRM-205-010		SPR-T,CLICK	ABCDEFGHIJK.....
	8Z-HRC-201-010		COVER, PCB	ABCDEFGHIJK.....
	8Z-HRC-202-010		HLDR,ANT	ABCDEFGHIJK.....
	8Z-HRC-205-010		BAT-CONTACT, (+)	ABCDEFGHIJK.....
	8Z-HRC-206-010		BAT-CONTACT, (-)	ABCDEFGHIJK.....
	8Z-HRC-207-010		PLATE,HEAD BLUE	.B.....H.J.....
*	8Z-HRC-204-010		PLATE,HEAD	A.CDEFG.I.K.....
	8Z-HRC-604-010		FF-CABLE, 17P	ABCDEFGHIJK.....

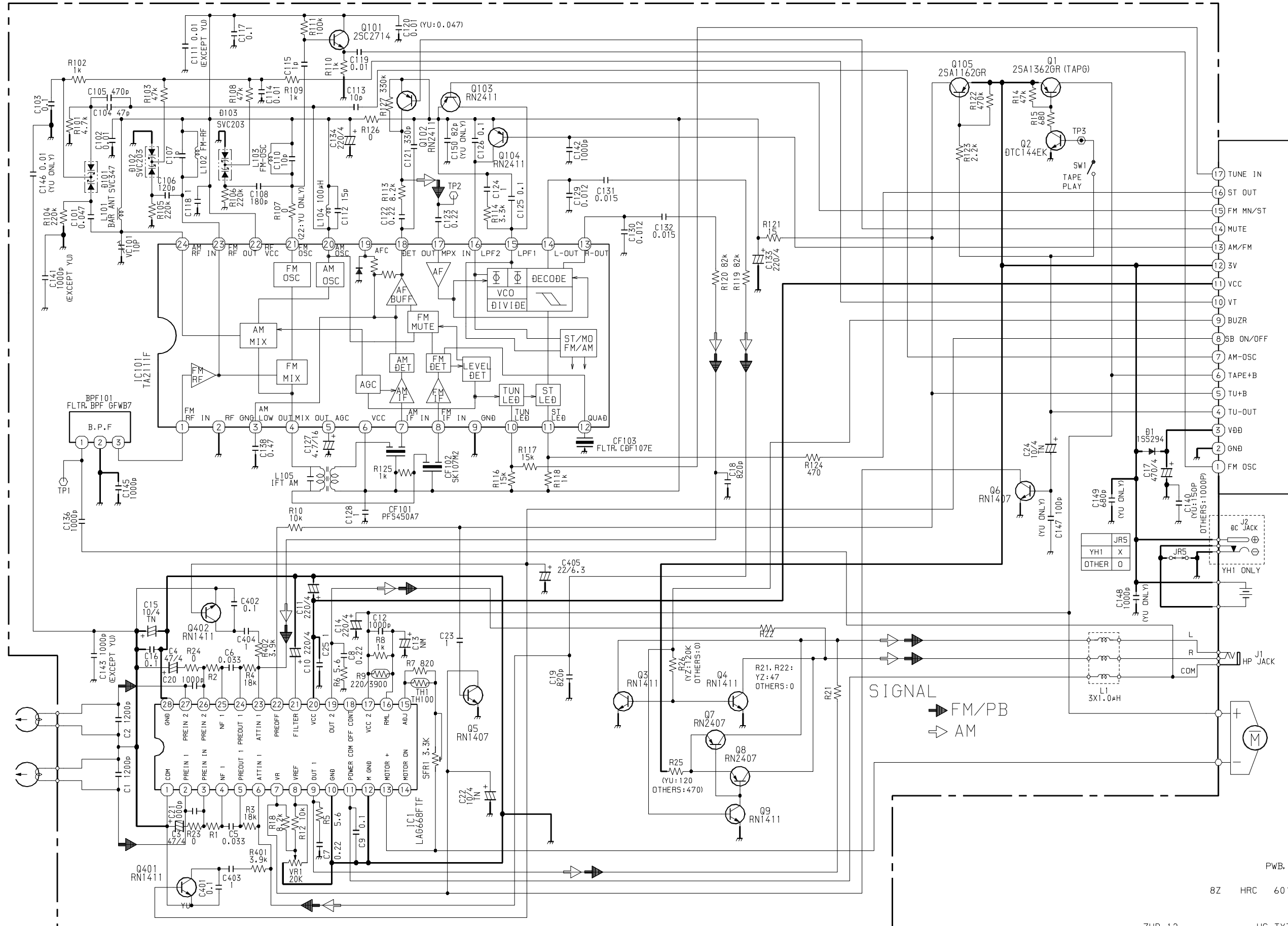
# ACCESSORIES / PACKAGE LIST - 1/1

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

[S]394YU	XX	A
[L]394YL1	XX	B
[S]396YL1	XX	C
[S]396YH1	XX	D
[S]396YLB	XX	E
[S]396YL	XX	F
[S]394YZ1B	XX	G
[L]394YZ1B	XX	H
[S]394YZ1	XX	I
[L]394YZ1	XX	J
[S]396YZ1	XX	K

REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
	8Z-HRC-901-010	IB, YU(ESF)	-TX394C	.....
	8Z-HRC-903-010	IB, Y(ESF)	-TX396IN	.....K.....
	8Z-HRC-904-010	IB, Y(DGI)	-INTX396	.....K.....
	8Z-HRC-906-010	IB, YL(ESP)	-TX396C	.....F.....
	8Z-HRC-907-010	IB, Y(POHCZ)	-INTX396	.....K.....
	8Z-HRC-908-010	IB, YU(ESF)	- IN	A.....
	8Z-HRC-909-010	IB, YL(ESP)	- IN	..C.E.....
	8Z-HRC-910-010	IB, Y(ESF)	- INTX394	.....GHIJ.....
	8Z-HRC-911-010	IB, Y(DGI)	- INTX394	.....GHIJ.....
	8Z-HRC-912-010	IB, Y(POHCZ)	- INTX394	.....GHIJ.....
	8Z-HRC-918-010	IB, YJ(ECC)	-TX396IN	.....
	8Z-HRC-919-010	IB, YH(ECC)	-TX396C	.....D.....
	8Z-HRC-920-010	IB, YL(ESP)	-TX394IN	..B.....
	87-B30-124-110	HEADPHONE, HP-M028		A...EF.....
	87-B30-145-110	HEADPHONE, HP-M029(T)		..BC.....
	87-B30-150-110	HEADPHONE, HP-M006A(F)		...D..GHIJK.....
0001	84-447-019-310	CLIP, BELT		ABCDEFGHIJK.....

SCHEMATIC DIAGRAM -1(MAIN)

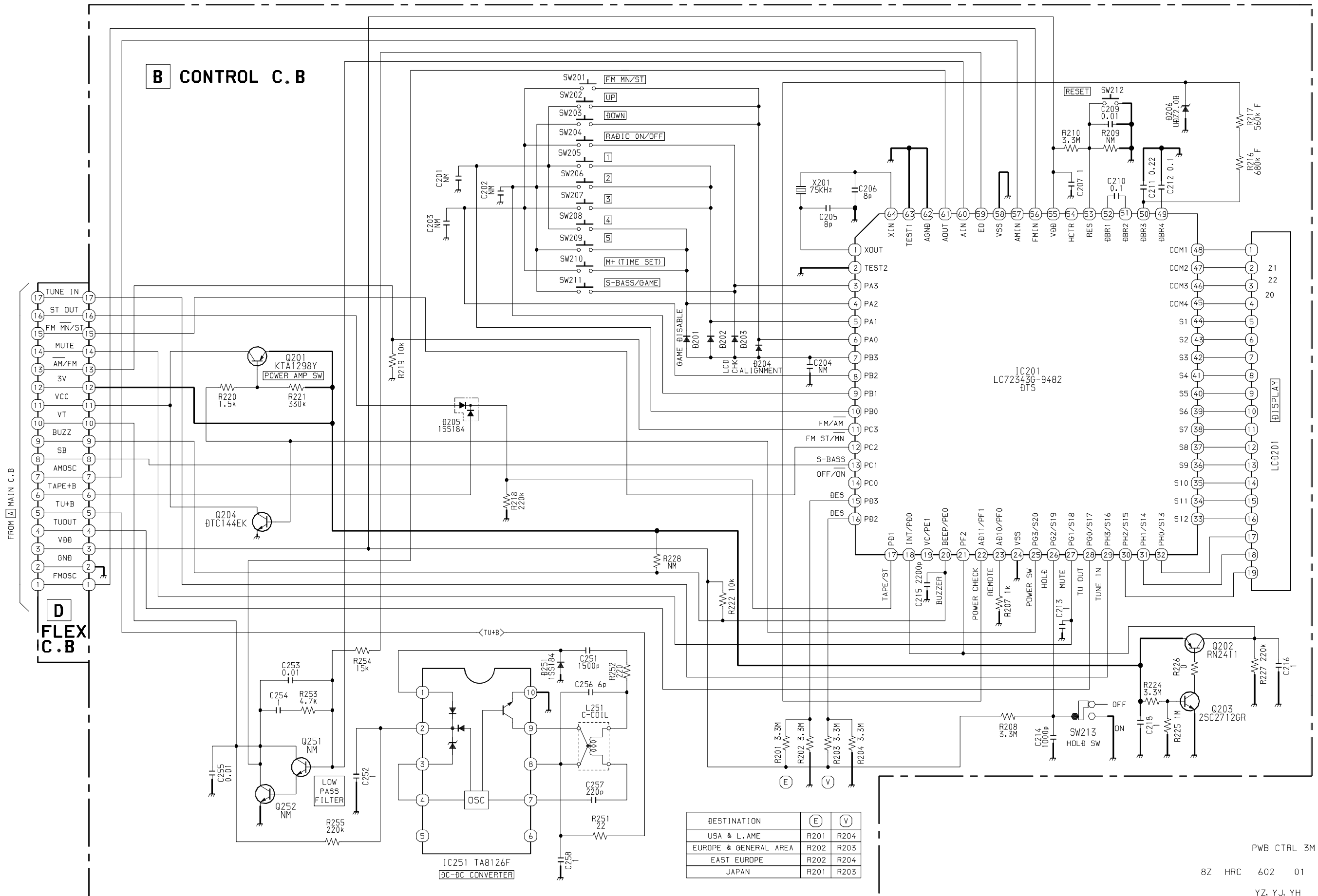


JR5	
YH1	X
OTHER	O

PWB. MAIN 2M  
 8Z HRC 601 01  
 ZHR-12 HS-TX394/396



SCHEMATIC DIAGRAM -2 (YZ,YJ,YH : FRONT)





サービス技術ニュース	
番号	連絡内容
G- -	
G- -	
G- -	

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