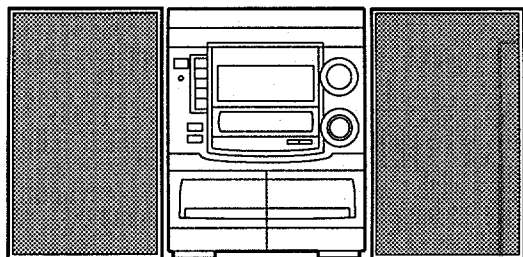


aiwa



NSX-S509 NSX-S514



COMPACT DISC STEREO
CASSETTE RECEIVER

- BASIC TAPE MECHANISM : 2ZM-3MK2 PR4NM
- BASIC CD MECHANISM : 4ZG-1 Z3DSHNM

- TYPE : 509LH, 514EZ

SUPPLEMENT

SYSTEM	CD CASSEIVER	SPEAKER	REMOTE CONTROLLER
NSX-S509	CX-SNS509 (TYPE : LH)	SX-SNS503	RC-7AS06
NSX-S514	CX-NS514 (TYPE : EZ)	SX-FNS514	

- This Service Manual contains information about the difference between NSX-S509 (LH) and NSX-S505 (LH), NSX-S514 (EZ) and NSX-S505 (EZ). If requiring other information, see Service Manual of NSX-S505 (LH), S/M Code No. 09-984-247-3FE
NSX-S505 (EZ), S/M Code No. 09-985-254-9FE.

- If requiring information about the CD mechanism, see Service Manual of 4ZG-1, S/M Code No. 09-983-249-3OT.

SPECIFICATIONS

<FM Tuner section>

Tuning range 87.5 MHz to 108 MHz
Usable sensitivity(IHF) LH : 13.2 dBf
 EZ : 16.8 dBf
Antenna terminals 75 ohms (unbalanced)

<MW Tuner section>

Tuning range 531 kHz to 1602 kHz (9 kHz step)
 530 kHz to 1710 kHz (10 kHz step)
Usable sensitivity 350 uV/m
Antenna Loop antenna

<LW Tuner section> (EZ)

Tuning range 144 kHz to 290 kHz
Usable sensitivity 1400 uV/m
Antenna Loop antenna

<Amplifier section>

Power output LH : 100 W + 100 W
 (6 ohms, THD 10%, 1 kHz)
 EZ : Rated 60 W + 60 W
 (6 ohms, THD 1%, 1 kHz/DIN 45500)
 Reference 75 W + 75 W
 (6 ohms, THD 10%, 1 kHz/DIN 45324)
 DIN MUSIC POWER : 180 W + 180 W

Total harmonic distortion LH : 0.05% (70 W, 1 kHz, 6 ohms,
 DIN AUDIO)
 EZ : 0.07% (50 W, 1 kHz, 6 ohms,
 DIN AUDIO)

Inputs LH :
 VIDEO/AUX : 210 mV (adjustable)
 MD : 210mV (adjustable)
 MIC1, MIC2 : 2.4mV (10 kohms)
 EZ :
 VIDEO/AUX : 150 mV (adjustable)
 MD : 150mV (adjustable)
 MIC1, MIC2 : 1.0 mV (10 kohms)

Outputs LINE OUT: 200mV
 SUPER WOOFERS :
 2.25 V (LH), 1.9 V (EZ)
 SPEAKERS: accept speakers of
 6 ohms or more
 SURROUND SPEAKERS:
 accept speakers of 8 ohms to 16 ohms
 PHONES (stereo jack) : accepts
 headphones of 32 ohms or more

<Cassette deck section>

Track format 4 tracks, 2 channels stereo
Frequency response CrO₂ tape : 50 Hz – 16000 Hz
 Normal tape : 50 Hz – 15000 Hz
Recording system AC bias
Heads Deck 1 : playback head x 1
 Deck 2 : Recording/Playback head
 x 1/ erase head x 1

<Compact disc player section>

Laser Semiconductor laser ($\lambda = 780$ nm)
D-A converter 1 bit dual
Signal-to-noise ratio 85 dB (1 kHz, 0 dB)
Harmonic distortion 0.05 % (1 kHz, 0 dB)
Wow and flutter Unmeasurable

<Speaker system SX-SNS503 (For NSX-S509)>

Cabinet type 3 way, bass reflex (magnetic
 shielded type)
Speakers Woofer : 160 mm cone type
 Tweeter : 60 mm cone type
 Super tweeter: 20 mm ceramic
 type
Impedance 6 ohms
Output sound pressure level 87 dB/W/m
Dimensions (W x H x D) 240 x 324 x 255mm
Weight 4.9 kg

<Speaker system SX-FNS514 (For NSX-S514)>

Cabinet type 3 way, bass reflex with surround
 speaker (magnetic shielded type)
Speakers Woofer : 160 mm cone type
 Tweeter : 80 mm cone type
 Super tweeter : 20 mm ceramic
 type
 Surround speaker : 80 mm
Impedance Front speaker : 6 ohms
 Surround speaker : 8 ohms
Output sound pressure level 87 dB/W/m
Dimensions (W x H x D) 250 x 324 x 275 mm
Weight 3.9 kg

<General>

Power requirements LH : 120 V/220 - 230 V/240 V
 AC switchable, 50/60 Hz
 EZ : 230 VAC, 50 Hz
Power consumption LH : 155 W
 EZ : 120 W
Dimensions of main unit 260 x 329.1 x 344.5 mm
 (10 $\frac{1}{4}$ x 13 x 13 $\frac{5}{8}$ in.)
Weight of main unit LH : 7.3 kg
 EZ : 6.7 kg

• Design and specifications are subject to change without
 notice.

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• Dolby noise reduction manufactured under license from Dolby
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 Laboratories Licensing Corporation.

ELECTRICAL MAIN PARTS LIST

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C103	87-016-658-090		CAP,E 4700-35 SMG
	88-NF7-770-010		C-IC,LC866560W-5J56	C104	87-016-658-090		CAP,E 4700-35 SMG
	87-070-083-010		IC,GPIU281X	C105	87-012-368-080		C-CAP,S 0.1-50 F
	87-A20-783-040		C-IC,BA7762AFS	C106	87-012-368-080		C-CAP,S 0.1-50 F
	87-A20-083-010		IC,BA3835S	C107	87-012-368-080		C-CAP,S 0.1-50 F
	87-A20-804-040		C-IC,NJM2152M	C108	87-012-368-080		C-CAP,S 0.1-50 F
	87-017-915-080		IC,BU4094BCF	C109	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A20-613-040		C-IC,BU9262AFS	C110	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A21-011-040		C-IC,M62445FP-600D	C111	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-017-888-080		IC,NJM4558MD	C112	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-070-127-110		IC,LC72131D	C113	87-010-247-080		CAP, ELECT 100-50V
	87-A20-913-010		IC,LA1837NL	C116	87-010-247-080		CAP, ELECT 100-50V
	87-020-454-010		IC,DN6851	C117	87-010-430-080		CAP, ELECT 100-63
	87-A20-440-010		C-IC,BU1920FS<EZ>	C118	87-010-263-080		CAP, ELECT 100-10V
	87-A20-355-010		IC,CXA1533P<EZ>	C119	87-010-260-080		CAP, ELECT 47-25V
TRANSISTOR				C120	87-010-403-080		CAP, ELECT 3.3-50V
	87-A30-087-080		C-FET,2SK2158	C121	87-012-140-080		CAP 470P
	89-213-702-010		TR,2SB1370 (1.8W)	C123	87-010-247-080		CAP, ELECT 100-50V
	87-026-263-080		C-TR,RN1410	C124	87-010-112-080		CAP, ELECT 100-16V
	87-A30-071-080		C-TR,RTIN 144C	C125	87-010-235-080		CAP,E 470-16 SME
	87-026-610-080		TR,KTC3198GR	C130	87-010-194-080		CAP,CHIP 0.047<EZ>
	87-A30-076-080		C-TR,2SC3052F	C131	87-010-194-080		CAP,CHIP 0.047<EZ>
	87-A30-075-080		C-TR,2SA1235F	C151	87-016-520-090		CAP,E 3300-65
	87-026-609-080		TR,KTA1266GR	C152	87-016-520-090		CAP,E 3300-65
	87-A30-107-070		C-TR,CMBT5401	C204	87-016-299-080		CAP, E 10-100
	87-A30-190-080		TR,CC5551	C205	87-010-805-080		C-CAP,1UF-16FZ
	87-A30-097-010		TR,FN 1016	C206	87-010-805-080		C-CAP,1UF-16FZ
	87-A30-098-010		TR,FP 1016	C209	87-010-546-080		CAP, ELECT 0.33-50V
	87-A30-106-070		C-TR,CMBT5551	C210	87-010-546-080		CAP, ELECT 0.33-50V
	87-A30-186-010		FET,2SK3053	C211	87-010-180-080		C-CER 1500P<LH>
	87-A30-072-080		C-TR,RTIP 144C	C211	87-010-181-080		CAP,CHIP S 1800P<EZ>
	87-A30-074-080		C-TR,RTIP 141C	C212	87-010-180-080		C-CER 1500P<LH>
	87-A30-073-080		C-TR,RTIN 141C	C212	87-010-181-080		CAP,CHIP S 1800P<EZ>
	87-A30-105-080		C-TR,RTIP 441C	C213	87-010-186-080		CAP,CHIP 4700P
	87-026-580-080		C-TR,DTA123JK	C214	87-010-186-080		CAP,CHIP 4700P
	87-A30-086-070		C-TR,CSD1306E	C215	87-010-403-080		CAP, ELECT 3.3-50V
	89-112-965-080		TR,2SA1296 (0.75W)	C216	87-010-403-080		CAP, ELECT 3.3-50V
	89-327-143-080		TR,2SC2714 (0.1W)	C217	87-010-260-080		CAP, ELECT 47-25V
	87-026-463-080		TR,2SA933SRS	C218	87-010-260-080		CAP, ELECT 47-25V
	87-A30-142-040		C-TR,DTA 123EKA	C219	87-010-805-080		C-CAP,1UF-16FZ
	89-505-434-540		C-FET,2SK543-TB(4/5)	C220	87-010-805-080		C-CAP,1UF-16FZ
	87-A30-234-080		TR,CSC4115BC	C221	87-010-213-080		C-CAP,S 0.015-50 B<EZ>
	87-A30-159-080		C-TR,KTA1298Y	C222	87-010-213-080		C-CAP,S 0.015-50 B<EZ>
				C223	87-010-197-080		CAP,CHIP 0.01 DM<EZ>
				C224	87-010-197-080		CAP,CHIP 0.01 DM<EZ>
DIODE				C225	87-010-176-080		C-CAP,S 680P-50 SL
	87-A40-115-060		DIODE,RS603M	C226	87-010-176-080		C-CAP,S 680P-50 SL
	87-A40-269-080		C-DIODE,MC2836	C229	87-A10-812-080		C-CAP,S 220P-200 J CH
	87-A40-509-080		ZENER,MTZJ6.8C	C230	87-A10-812-080		C-CAP,S 220P-200 J CH
	87-A40-270-080		C-DIODE,MC2838	C233	87-010-544-080		CAP, ELECT 0.1-50V
	87-070-274-080		DIODE,1N4003 SEM	C234	87-010-544-080		CAP, ELECT 0.1-50V
	87-A40-341-080		ZENER,MTZJ 36 A	C235	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A40-004-080		ZENER,MTZJ16A	C237	87-012-368-080		C-CAP,S 0.1-50 F
	87-A40-488-080		DIODE,1SS244	C238	87-012-368-080		C-CAP,S 0.1-50 F
	87-A40-345-080		ZENER,MTZJ10C	C239	87-012-368-080		C-CAP,S 0.1-50 F
	87-A40-184-090		DIODE,RF34	C240	87-012-368-080		C-CAP,S 0.1-50 F
	87-A40-002-080		ZENER,MTZJ5.1C	C241	87-010-322-080		C-CAP,S 100P-50 CH<EZ>
	87-A40-438-080		ZENER,MTZJ4.7A	C242	87-010-322-080		C-CAP,S 100P-50 CH<EZ>
	87-A40-234-080		ZENER,MTZJ5.6A	C247	87-010-178-080		CAP, CHIP 1000P
	87-017-654-060		DIODE,GBU6JL6131	C248	87-010-178-080		CAP, CHIP 1000P
	87-A40-504-040		C-DIODE,KDS184	C299	87-010-197-080		CAP,CHIP 0.01 DM<EZ>
	87-070-136-080		ZENER,MTZJ5.1B	C280	87-010-188-080		C-CAP,S 6800P-50 B
	87-A40-345-080		ZENER,MTZJ10C	C301	87-010-318-080		C-CAP,S 47P-50 CH
	87-017-931-080		ZENER,MTZJ5.6B	C302	87-010-318-080		C-CAP,S 47P-50 CH
	87-020-465-080		DIODE,1SS133	C303	87-012-157-080		C-CAP,S 330P-50 CH
MAIN C.B				C304	87-012-157-080		C-CAP,S 330P-50 CH
				C305	87-012-145-080		CAP, CHIP S 270P CH
				C306	87-012-145-080		CAP, CHIP S 270P CH
				C307	87-010-196-080		CHIP CAPACITOR,0.1-25
				C309	87-010-196-080		CHIP CAPACITOR,0.1-25<LH>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C310	87-010-196-080		CHIP CAPACITOR,0.1-25<LH>	C407	87-010-405-080		CAP, ELECT 10-50V
C311	87-010-198-080		CAP, CHIP 0.022	C408	87-010-405-080		CAP, ELECT 10-50V
C312	87-010-198-080		CAP, CHIP 0.022	C409	87-010-380-080		CAP, ELECT 47-16V
C313	87-010-178-080		CHIP CAP 1000P<LH>	C410	87-010-380-080		CAP, ELECT 47-16V
C313	87-010-179-080		CHIP CAP S 1200P<EZ>	C411	87-010-405-080		CAP, ELECT 10-50V
C314	87-010-178-080		CHIP CAP 1000P<LH>	C412	87-010-112-080		CAP, ELECT 100-16V
C314	87-010-179-080		CHIP CAP S 1200P<EZ>	C415	87-010-187-080		CAP CHIP S5600P
C315	87-010-178-080		CHIP CAP 1000P	C416	87-010-187-080		CAP CHIP S5600P
C316	87-010-178-080		CHIP CAP 1000P	C457	87-010-404-080		CAP, ELECT 4.7-50V
C317	87-012-142-080		CAP,S 0.33-16<EZ>	C458	87-010-404-080		CAP, ELECT 4.7-50V
C318	87-012-142-080		CAP,S 0.33-16<EZ>	C516	87-010-196-080		CHIP CAPACITOR,0.1-25
C319	87-012-141-080		CHIP CAP,0.22-16 F<EZ>	C601	87-010-180-080		C-CER 1500P
C320	87-012-141-080		CHIP CAP,0.22-16 F<EZ>	C602	87-010-180-080		C-CER 1500P
C321	87-016-492-080		C-CAP,S 0.33-16 FZ<LH>	C613	87-016-081-080		C-CAP,S 0.1-16 RK
C321	87-012-141-080		CHIP CAP,0.22-16 F<EZ>	C614	87-016-081-080		C-CAP,S 0.1-16 RK
C322	87-016-492-080		C-CAP,S 0.33-16 FZ<LH>	C619	87-010-185-080		C-CAP,S 3900P-50 B
C322	87-012-141-080		CHIP CAP,0.22-16 F<EZ>	C620	87-010-185-080		C-CAP,S 3900P-50 B
C324	87-010-260-080		CAP, ELECT 47-25V	C621	87-010-401-080		CAP, ELECT 1-50V
C325	87-010-370-080		CAP,E 330-6.3 SME	C622	87-010-401-080		CAP, ELECT 1-50V
C327	87-010-404-080		CAP, ELECT 4.7-50V	C625	87-010-401-080		CAP, ELECT 1-50V
C328	87-010-404-080		CAP, ELECT 4.7-50V	C626	87-010-401-080		CAP, ELECT 1-50V
C332	87-010-196-080		CHIP CAPACITOR,0.1-25	C629	87-010-405-080		CAP, ELECT 10-50V
C335	87-010-401-080		CAP, ELECT 1-50V	C630	87-010-213-080		CAP, CHIP 0.015-25 KB GRM
C336	87-010-401-080		CAP, ELECT 1-50V	C631	87-010-992-080		CHIP-CAP,S 0.047-25B
C337	87-010-196-080		CHIP CAPACITOR,0.1-25	C632	87-010-263-080		CAP, ELECT 100-10V
C339	87-010-196-080		CHIP CAPACITOR,0.1-25	C633	87-010-263-080		CAP, ELECT 100-10V
C340	87-010-196-080		CHIP CAPACITOR,0.1-25	C634	87-010-196-080		CHIP CAPACITOR,0.1-25
C351	87-012-140-080		CAP 470P	C635	87-010-196-080		CHIP CAPACITOR,0.1-25
C352	87-012-140-080		CAP 470P	C636	87-010-194-080		CAP, CHIP 0.047
C354	87-010-175-080		CAP 560P	C637	87-010-183-080		C-CAP,S 2700P-50 B
C355	87-012-349-080		C-CAP,S 1000P-50 CH	C641	87-010-196-080		CHIP CAPACITOR,0.1-25
C356	87-010-260-080		CAP, ELECT 47-25V	C653	87-010-318-080		C-CAP,S 47P-50 B<EZ>
C357	87-010-197-080		CAP, CHIP 0.01 DM	C654	87-010-318-080		C-CAP,S 47P-50 B<EZ>
C358	87-010-183-080		C-CAP,S 2700P-50 B	C667	87-010-196-080		CHIP CAPACITOR,0.1-25
C359	87-010-183-080		C-CAP,S 2700P-50 B	C669	87-010-322-080		C-CAP,S 100P-50 CH<EZ>
C360	87-010-183-080		C-CAP,S 2700P-50 B	C670	87-010-322-080		C-CAP,S 100P-50 CH<EZ>
C370	87-010-196-080		CHIP CAPACITOR,0.1-25	C671	87-010-322-080		C-CAP,S 100P-50 CH<EZ>
C371	87-010-177-080		C-CAP,S820P-50 SL<EZ>	C672	87-010-322-080		C-CAP,S 100P-50 CH<EZ>
C372	87-010-177-080		C-CAP,S820P-50 SL<EZ>	C701	87-010-381-080		CAP, ELECT 330-16V
C373	87-016-083-080		C-CAP,S 0.15-16 RK<LH>	C702	87-010-404-080		CAP, ELECT 4.7-50V
C373	87-010-179-080		CAP,CHIP S B1200P<EZ>	C703	87-010-197-080		CAP, CHIP 0.01 DM
C374	87-016-083-080		C-CAP,S 0.15-16 RK<LH>	C704	87-010-197-080		CAP, CHIP 0.01 DM
C374	87-010-179-080		CAP,CHIP S B1200P<EZ>	C709	87-010-322-080		C-CAP,S 100P-50 CH
C375	87-010-545-080		CAP,ELECT 0.22-50V<EZ>	C711	87-010-263-080		CAP, ELECT 100-10V
C376	87-010-545-080		CAP,ELECT 0.22-50V<EZ>	C712	87-010-196-080		CHIP CAPACITOR,0.1-25
C378	87-010-196-080		CHIP CAPACITOR,0.1-25	C713	87-010-197-080		CAP, CHIP 0.01 DM
C379	87-010-382-080		CAP, ELECT 22-25V<LH>	C714	87-010-197-080		CAP, CHIP 0.01 DM
C380	87-010-382-080		CAP, ELECT 22-25V<LH>	C715	87-010-322-080		C-CAP,S 100P-50 CH<EZ>
C381	87-010-197-080		CAP, CHIP 0.01 DM	C721	87-010-312-080		C-CAP,S 15P-50 CH
C382	87-010-312-080		C-CAP,S 15P-50 CH<LH>	C722	87-010-312-080		C-CAP,S 15P-50 CH
C382	87-010-318-080		C-CAP,S 47P-50 CH<EZ>	C723	87-010-178-080		CHIP CAP 1000P
C383	87-010-197-080		CAP, CHIP 0.01 DM	C725	87-010-178-080		CHIP CAP 1000P
C384	87-010-402-080		CAP, ELECT 2.2-50V	C727	87-010-196-080		CHIP CAPACITOR,0.1-25
C385	87-010-184-080		CHIP CAPACITOR 3300P<EZ>	C728	87-010-248-080		CAP, ELECT 220-10V
C386	87-010-196-080		CHIP CAPACITOR,0.1-25	C755	87-010-197-080		CAP, CHIP 0.01 DM
C387	87-012-145-080		CAP, CHIP S 270P CH<LH>	C756	87-010-197-080		CAP, CHIP 0.01 DM
C391	87-010-319-080		C-CAP,S 56P-50 CH<LH>	C757	87-010-318-080		C-CAP,S 47P-50 CH
C391	87-012-145-080		CAP, CHIP S 270P CH<EZ>	C758	87-010-149-080		C-CAP,S 5P-50 CH
C392	87-010-319-080		C-CAP,S 56P-50 CH<LH>	C759	87-012-156-080		C-CAP,S 220P-50 CH<LH>
C392	87-012-145-080		CAP, CHIP S 270P CH<EZ>	C760	87-012-156-080		C-CAP,S 220P-50 CH<LH>
C393	87-010-319-080		C-CAP,S 56P-50 CH<LH>	C761	87-010-196-080		CHIP CAPACITOR,0.1-25
C393	87-012-145-080		CAP, CHIP S 270P CH<EZ>	C762	87-010-197-080		CAP, CHIP 0.01 DM
C394	87-010-319-080		C-CAP,S 56P-50 CH<LH>	C763	87-010-194-080		CAP, CHIP 0.047
C394	87-012-145-080		CAP, CHIP S 270P CH<EZ>	C764	87-010-319-080		C-CAP,S 56P-50 CH<LH>
C401	87-010-401-080		CAP, ELECT 1-50V	C765	87-010-197-080		CAP, CHIP 0.01 DM
C402	87-010-401-080		CAP, ELECT 1-50V	C766	87-010-197-080		CAP, CHIP 0.01 DM
C403	87-010-182-080		C-CAP,S 2200P-50 B	C767	87-010-405-080		CAP, ELECT 10-50V
C404	87-010-182-080		C-CAP,S 2200P-50 B	C768	87-010-197-080		CAP, CHIP 0.01 DM
C405	87-010-193-080		CHIP CAPACITOR,0.033	C769	87-010-408-080		CAP, ELECT 47-50V
C406	87-010-193-080		CHIP CAPACITOR,0.033	C770	87-015-821-080		C-CAP 0.047

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C771	87-010-407-080		CAP, ELECT 33-50V	FFE801	A8-82A-190-030		82A-1 FEUNM<LH>
C772	87-010-194-080		CAP, CHIP 0.047	FFE801	A8-62A-191-130		62A-1 FEENM<EZ>
C773	87-010-196-080		CHIP CAPACITOR,0.1-25	J201	87-A60-488-010		JACK,DIA6.3 BLK ST W/SW KM16AT
C774	87-010-263-080		CAP, ELECT 100-10V	J202	87-A60-641-010		JACK,PIN 4P R/W/B JALCO
C775	87-010-404-080		CAP, ELECT 4.7-50V	J203	87-033-240-010		TERMINAL,SP 4P32SV1-05
C776	87-010-197-080		CAP, CHIP 0.01 DM	J601	87-A60-426-010		JACK,PIN 6P YKC21-3835
C777	87-010-400-080		CAP, ELECT 0.47-50V	J801	87-A60-202-010		TERMINAL,ANT 4P MSP-154V-02<LH>
C778	87-010-401-080		CAP, ELECT 1-50V	J801	87-A60-427-010		TERMINAL,ANT 2P YKD31-0429<EZ>
C779	87-010-401-080		CAP, ELECT 1-50V	L201	87-003-383-010		COIL,1UH-S
C780	87-010-196-080		CHIP CAPACITOR,0.1-25	L202	87-003-383-010		COIL,1UH-S
C781	87-010-405-080		CAP, ELECT 10-50V	L301	87-A50-049-010		COIL,TRAP 85K(COI)
C782	87-010-405-080		CAP, ELECT 10-50V	L302	87-A50-049-010		COIL,TRAP 85K(COI)
C783	87-015-819-080		CAPACITOR,0.01	L351	87-007-342-010		COIL,OSC 85K BIAS
C784	87-010-197-080		CAP, CHIP 0.01 DM	L771	87-A50-266-010		COIL,FM DET-2N(TOK)
C785	87-010-403-080		CAP, ELECT 3.3-50V	L772	87-A90-733-010		FLTR,PCFAZH-450(TOK)
C786	87-010-403-080		CAP, ELECT 3.3-50V	L781	87-005-847-080		COIL,2.2UH(CECS)
C787	87-010-186-080		CAP, CHIP 4700P<EZ>	L791	87-A50-027-010		COIL,1 POLE MPX(TOK)<EZ>
C788	87-010-186-080		CAP, CHIP 4700P<EZ>	L792	87-A50-027-010		COIL,1 POLE MPX(TOK)<EZ>
C789	87-010-179-080		CAP,CHIP S B1200P	L832	86-NF2-694-080		COIL,2.2UH K CECS
C790	87-010-179-080		CAP,CHIP S B1200P	L941	87-A50-020-010		COIL,ANT LW (COI)252KHZ<EZ>
C791	87-010-405-080		CAP, ELECT 10-50V	L942	87-A50-019-010		COIL,OSC LW(COI)856KHZ<EZ>
C793	87-010-177-080		C-CAP,S 820P-50 SL<LH>	L981	87-NF4-650-010		COIL,AM PACK 4N(TOK)<LH>
C793	87-010-180-080		C-CER 1500P<EZ>	L981	87-NF4-651-010		COIL,AM PACK 2N(TOK)<EZ>
C794	87-010-406-080		CAP, ELECT 22-50	R237	87-A00-262-080		RES,M/F 0.15-2W J<LH>
C795	87-010-596-080		CAP, S 0.047-16	R237	87-A00-257-080		RES,M/F 0.15-1W J<EZ>
C796	87-010-403-080		CAP, ELECT 3.3-50V	R238	87-A00-262-080		RES,M/F 0.15-2W J<LH>
C797	87-010-181-080		CAP,CHIP S 1800P<LH>	R238	87-A00-257-080		RES,M/F 0.15-1W J<EZ>
C797	87-010-180-080		C-CER 1500P<EZ>	R239	87-A00-262-080		RES,M/F 0.15-2W J<LH>
C798	87-010-181-080		CAP,CHIP S 1800P<LH>	R239	87-A00-257-080		RES,M/F 0.15-1W J<EZ>
C798	87-010-180-080		C-CER 1500P<EZ>	R240	87-A00-262-080		RES,M/F 0.15-2W J<LH>
C799	87-010-194-080		CAP, CHIP 0.047	R240	87-A00-257-080		RES,M/F 0.15-1W J<EZ>
C812	87-010-197-080		CAP, CHIP 0.01 DM	RY101	87-A90-464-010		RELAY, DG12D2-0(M)
C814	87-010-197-080		CAP, CHIP 0.01 DM	RY201	87-A90-713-010		RELAY, 12V DQ12D1
C820	87-010-408-080		CAP, ELECT 47-50V	SFR301	87-A90-557-080		SFR,33K H HOKU<EZ>
C821	87-010-197-080		CAP, CHIP 0.01 DM	SFR302	87-A90-557-080		SFR,33K H HOKU<EZ>
C822	87-010-197-080		CAP, CHIP 0.01 DM	SFR303	87-A90-557-080		SFR,33K H HOKU<EZ>
C823	87-010-197-080		CAP, CHIP 0.01 DM	SFR304	87-A90-557-080		SFR,33K H HOKU<EZ>
C828	87-010-196-080		CHIP CAPACITOR,0.1-25	SFR305	87-A90-433-080		SFR,50K H NVZ6TLTA<EZ>
C829	87-010-196-080		CHIP CAPACITOR,0.1-25	SFR306	87-A90-433-080		SFR,50K H NVZ6TLTA<EZ>
C859	87-010-197-080		CAP, CHIP 0.01 DM<EZ>	SFR351	87-A90-433-080		SFR,50K H NVZ6TLTA
C861	87-012-156-080		C-CAP,S 220P-50 CH<EZ>	SFR352	87-A90-433-080		SFR,50K H NVZ6TLTA
C862	87-012-156-080		C-CAP,S 220P-50 CH<EZ>	TC943	87-011-221-080		TRIMMER CAP 30P<EZ>
C863	87-012-140-080		CAP, 470P<EZ>	TH201	87-A90-221-010		C-THMS,100K<EZ>
C864	87-010-405-080		CAP,ELECT 10-50V<EZ>	TH202	87-A90-221-010		C-THMS,100K<EZ>
C865	87-010-196-080		CHIP CAPACITOR,0.1-25<EZ>	W104	85-NF5-628-010		F-CABLE 7P-2.5
C866	87-010-405-080		CAP,ELECT 10-50V<EZ>	WH102	87-A90-460-010		HLDR,WIRE 2.5-7P
C867	87-010-197-080		CAP, CHIP 0.01 DM<EZ>	X721	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309
C868	87-010-316-080		C-CAP,S 33P-50 CH<EZ>	X851	87-A70-091-010		VIB,XTAL 4.332MHZ CSA-309<EZ>
C869	87-010-134-080		C-CAP,S 22P-50V<EZ>				
C940	87-010-197-080		CAP, CHIP 0.01 DM				
C942	87-010-151-080		C-CAP,S 7P-50 CH<EZ>				
C947	87-010-197-080		CAP, CHIP 0.01 DM<EZ>	C101	87-010-550-040		CAP,E 100-6.3 GAS
C949	87-014-049-080		CAP,PP 470P-100J<EZ>	C102	87-010-196-080		CHIP CAPACITOR,0.1-25
C952	87-010-197-080		CAP, CHIP 0.01 DM<EZ>	C103	87-010-196-080		CHIP CAPACITOR,0.1-25
C958	87-010-197-080		CAP, CHIP 0.01 DM<EZ>	C104	87-010-494-040		CAP,E 1-50 GAS
				C105	87-010-178-080		CHIP CAP 1000P
C959	87-010-196-080		CHIP CAPACITOR,0.1-25				
C960	87-010-196-080		CHIP CAPACITOR,0.1-25	C106	87-A10-189-040		CAP,E 220-10
C961	87-010-152-080		C-CAP,S 8P-50 CH<LH>	C107	87-010-197-080		CAP, CHIP 0.01 DM
C962	87-010-401-080		CAP, ELECT 1-50V<EZ>	C108	87-010-196-080		CHIP CAPACITOR,0.1-25
CF801	87-008-261-010		FILTER, SFE10.7MA5-A<LH>	C109	87-018-208-080		CAP 0.047-50F
				C110	87-012-157-080		C-CAP,S 330P-50 CH
CF801	87-008-423-010		FLTR,CF SFE10.7 MS3G-A<EZ>				
CF802	87-008-261-010		FILTER, SFE10.7MA5-A<LH>	C111	87-010-320-080		CHIP CAP 68P
CF802	82-785-747-010		CF,MS2 GHY R<EZ>	C112	87-010-312-080		C-CAP,S 15P-50 CH
CN301	87-099-827-010		CONN,3P S2M-3W	C113	87-010-316-080		C-CAP,S 33P-50 CH
CN351	87-099-832-010		CONN,8P S2M-8W	C114	87-010-182-080		C-CAP,S 2200P-50 B
				C115	87-010-182-080		C-CAP,S 2200P-50 B
CN601	87-099-719-010		CONN,30P TYK-B(X)				
CN602	87-A60-131-010		CONN,6P V FE	C116	87-010-498-040		CAP,E 10-16 GAS
CON351	87-NF6-616-010		CONN ASSY,8P-RPB	C117	87-012-157-080		C-CAP,S 330P-50 CH
FB301	87-008-372-080		FILTER,EMI BL OIRNI<EZ>	C118	87-010-196-080		CHIP CAPACITOR,0.1-25
FC602	88-906-241-110		FF-CABLE,6P 1.25	C119	87-010-196-080		CHIP CAPACITOR,0.1-25

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C120	87-010-196-080		CHIP CAPACITOR,0.1-25	CN701	87-A60-140-010		CONN,15P V FE
C121	87-010-194-080		CAP, CHIP 0.047	CN801	87-A60-138-010		CONN,13P V FE
C122	87-010-194-080		CAP, CHIP 0.047	FB601	87-008-372-080		FILTER, EMI BL OIRNI
C124	87-010-263-040		CAP,E 100-10	FC501	85-NF5-615-010		CABLE,FFC 15P-1.25
C125	87-010-196-080		CHIP CAPACITOR,0.1-25	FC801	85-NF5-618-010		CABLE,FFC 13P-1.25
C201	87-010-178-080		CHIP CAP 1000P	FL201	88-NF7-651-010		FL,BJ602GK
C202	87-010-194-080		CAP, CHIP 0.047	J601	87-A60-651-010		JACK,3.5MONO
C203	87-A10-797-040		CAP,E 47-35 M 5L SRM	J602	87-A60-651-010		JACK,3.5MONO
C204	87-010-497-040		CAP,E 4.7-35 GAS	L501	87-005-448-080		COIL 220UH,K
C205	87-010-497-040		CAP,E 4.7-35 GAS	LED401	87-070-197-080		LED,SLP7118C-51-S-T1
C206	87-012-157-080		C-CAP,S 330P-50 CH	LED403	87-070-197-080		LED,SLP7118C-51-S-T1
C207	87-012-157-080		C-CAP,S 330P-50 CH	LED405	87-070-197-080		LED,SLP7118C-51-S-T1
C208	87-012-157-080		C-CAP,S 330P-50 CH	LED407	87-070-197-080		LED,SLP7118C-51-S-T1
C209	87-012-157-080		C-CAP,S 330P-50 CH	LED409	87-070-197-080		LED,SLP7118C-51-S-T1
C210	87-012-157-080		C-CAP,S 330P-50 CH	LED411	87-070-201-080		LED,SLP9118C-51-S-T1
C211	87-012-157-080		C-CAP,S 330P-50 CH	LED412	87-070-201-080		LED,SLP9118C-51-S-T1
C212	87-012-157-080		C-CAP,S 330P-50 CH	LED413	87-070-201-080		LED,SLP9118C-51-S-T1
C213	87-012-157-080		C-CAP,S 330P-50 CH	LED414	87-070-201-080		LED,SLP9118C-51-S-T1
C214	87-012-157-080		C-CAP,S 330P-50 CH	LED415	87-070-201-080		LED,SLP9118C-51-S-T1
C215	87-012-157-080		C-CAP,S 330P-50 CH	LED417	87-070-281-080		LED,SLZ736A-25-S-T1
C216	87-012-157-080		C-CAP,S 330P-50 CH	LED419	87-070-281-080		LED,SLZ736A-25-S-T1
C217	87-012-157-080		C-CAP,S 330P-50 CH	LED421	87-070-281-080		LED,SLZ736A-25-S-T1
C218	87-012-157-080		C-CAP,S 330P-50 CH	LED423	87-070-281-080		LED,SLZ736A-25-S-T1
C371	87-010-196-080		CHIP CAPACITOR,0.1-25	LED425	87-070-281-080		LED,SLZ736A-25-S-T1
C372	87-010-196-080		CHIP CAPACITOR,0.1-25	LED427	87-070-281-080		LED,SLZ736A-25-S-T1
C373	87-010-196-080		CHIP CAPACITOR,0.1-25	LED428	87-A40-380-080		LED,SEL6510C-TP5 GRN
C375	87-010-196-080		CHIP CAPACITOR,0.1-25	LED429	87-A40-380-080		LED,SEL6510C-TP5 GRN
C376	87-010-173-080		C-CAP,S 330P-50 SL	LED430	87-A40-380-080		LED,SEL6510C-TP5 GRN
C377	87-010-196-080		CHIP CAPACITOR,0.1-25	LED431	87-A40-380-080		LED,SEL6510C-TP5 GRN
C378	87-010-196-080		CHIP CAPACITOR,0.1-25	LED432	87-A40-380-080		LED,SEL6510C-TP5 GRN
C402	87-010-196-080		CHIP CAPACITOR,0.1-25	LED433	87-A40-380-080		LED,SEL6510C-TP5 GRN
C404	87-010-196-080		CHIP CAPACITOR,0.1-25	LED434	87-A40-380-080		LED,SEL6510C-TP5 GRN
C406	87-010-196-080		CHIP CAPACITOR,0.1-25	LED435	87-A40-380-080		LED,SEL6510C-TP5 GRN
C408	87-010-196-080		CHIP CAPACITOR,0.1-25	LED436	87-A40-380-080		LED,SEL6510C-TP5 GRN
C501	87-010-319-080		C-CAP,S 56P-50 CH	LED437	87-A40-380-080		LED,SEL6510C-TP5 GRN
C502	87-010-319-080		C-CAP,S 56P-50 CH	LED444	87-070-278-010		LED,SLZ-738A-24-S
C503	87-012-393-080		C-CAP,S 0.22-16 R K	LED445	87-070-290-010		LED,SLZ 936-30-S
C504	87-010-197-080		CAP, CHIP 0.01 DM	LED446	87-070-278-010		LED,SLZ-738A-24-S
C505	87-010-180-080		C-CER 1500P	LED447	87-070-278-010		LED,SLZ-738A-24-S
C506	87-010-213-080		C-CAP,S 0.015-50 B	LED448	87-070-290-010		LED,SLZ 936-30-S
C507	87-010-213-080		C-CAP,S 0.015-50 B	LED449	87-070-278-010		LED,SLZ-738A-24-S
C508	87-010-197-080		CAP, CHIP 0.01 DM	S101	87-A90-791-010		SW,RTRY EC16B12204 ENCODER
C509	87-010-181-080		CAP,CHIP S 1800P	S102	87-A90-535-010		SW,RTRY EC16B24304
C510	87-010-196-080		CHIP CAPACITOR,0.1-25	S301	87-A90-095-080		SW,TACT EVQ11G04M
C511	87-018-209-080		CAP, CER 0.1-50V	S302	87-A90-095-080		SW,TACT EVQ11G04M
C512	87-010-374-040		CAP,E 47-10	S303	87-A90-095-080		SW,TACT EVQ11G04M
C513	87-010-401-040		CAP,E 1-50 SME	S304	87-A90-095-080		SW,TACT EVQ11G04M
C514	87-010-401-040		CAP,E 1-50 SME	S305	87-A90-095-080		SW,TACT EVQ11G04M
C515	87-010-183-080		C-CAP,S 2700P-50 B	S306	87-A90-095-080		SW,TACT EVQ11G04M
C516	87-010-183-080		C-CAP,S 2700P-50 B	S307	87-A90-095-080		SW,TACT EVQ11G04M
C518	87-010-196-080		CHIP CAPACITOR,0.1-25	S308	87-A90-095-080		SW,TACT EVQ11G04M
C519	87-010-263-040		CAP,E 100-10	S309	87-A90-095-080		SW,TACT EVQ11G04M
C523	87-012-141-080		CHIP-CAPACITOR,0.22-16F	S310	87-A90-095-080		SW,TACT EVQ11G04M
C601	87-010-391-040		CAP,E 10-35 SME	S311	87-A90-095-080		SW,TACT EVQ11G04M
C602	87-010-186-080		CAP,CHIP 4700P	S312	87-A90-095-080		SW,TACT EVQ11G04M
C603	87-010-498-040		CAP,E 10-16 GAS	S313	87-A90-095-080		SW,TACT EVQ11G04M
C604	87-010-382-040		CAP,E 22-25 SME	S314	87-A90-095-080		SW,TACT EVQ11G04M<EZ>
C605	87-010-196-080		CHIP CAPACITOR,0.1-25	S321	87-A90-095-080		SW,TACT EVQ11G04M
C606	87-010-322-080		C-CAP,S 100P-50 CH	S322	87-A90-095-080		SW,TACT EVQ11G04M
C607	87-010-321-080		CHIP CAPACITOR,82P(J)	S323	87-A90-095-080		SW,TACT EVQ11G04M
C608	87-010-196-080		CHIP CAPACITOR,0.1-25	S324	87-A90-095-080		SW,TACT EVQ11G04M
C609	87-010-545-040		CAP,E 0.22-50 SME	S325	87-A90-095-080		SW,TACT EVQ11G04M
C610	87-010-322-080		C-CAP,S 100P-50 CH<EZ>	S326	87-A90-095-080		SW,TACT EVQ11G04M
C611	87-010-177-080		C-CAP,S 820P-50 SL	S327	87-A90-095-080		SW,TACT EVQ11G04M
C612	87-010-176-080		C-CAP,S 680P-50 SL<EZ>	S331	87-A90-095-080		SW,TACT EVQ11G04M<EZ>
C614	87-A10-189-040		CAP,E 220-10	S332	87-A90-095-080		SW,TACT EVQ11G04M<EZ>
C651	87-010-401-040		CAP,E 1-50 SME	S333	87-A90-095-080		SW,TACT EVQ11G04M<EZ>
C652	87-010-196-080		CHIP CAPACITOR,0.1-25	S335	87-A90-095-080		SW,TACT EVQ11G04M
C653	87-010-196-080		CHIP CAPACITOR,0.1-25	S341	87-A90-095-080		SW,TACT EVQ11G04M
CN101	87-099-720-010		CONN,30P TYK-B(P)	S342	87-A90-095-080		SW,TACT EVQ11G04M

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
S343	87-A90-095-080	SW, TACT	EVQ11G04M
S344	87-A90-095-080	SW, TACT	EVQ11G04M
S345	87-A90-095-080	SW, TACT	EVQ11G04M
S346	87-A90-095-080	SW, TACT	EVQ11G04M
S347	87-A90-095-080	SW, TACT	EVQ11G04M
S348	87-A90-095-080	SW, TACT	EVQ11G04M
S349	87-A90-095-080	SW, TACT	EVQ11G04M
S350	87-A90-095-080	SW, TACT	EVQ11G04M
X101	87-A70-070-080	VIB, CER	5.76MHZ CRHF
SW C.B			
CN302	87-009-345-010	CONN, 2P	PH H
S351	87-A90-095-080	SW, TACT	EVQ11G04M
S352	87-A90-095-080	SW, TACT	EVQ11G04M
S353	87-A90-095-080	SW, TACT	EVQ11G04M
S354	87-A90-095-080	SW, TACT	EVQ11G04M
S355	87-A90-095-080	SW, TACT	EVQ11G04M
AC1 C.B			
△ F101	87-035-369-010	FUSE, 5A	250V TE<LH>
△ F101	87-035-364-010	FUSE, 1.6A	250V <EZ>
△ FC1	87-033-147-010	FUSE CLAMP, MT-	20<LH>
△ FC2	87-033-147-010	FUSE CLAMP, MT-	20<LH>
△ FC101	87-A90-505-080	FUSE CLAMP, TP00351-	51<EZ>
△ FC102	87-A90-505-080	FUSE CLAMP, TP00351-	51<EZ>
△ PT101	88-NF7-663-010	PT, 8NF-7	LH<LH>
△ PT101	88-NF7-665-010	PT, 8NF-7	EZ<EZ>
△ SW1	87-A90-165-010	SW, SL 1-2-3	SWS2301<LH>
△ T1	87-A60-317-010	TERMINAL, 1P	MSC<LH>
△ T2	87-A60-317-010	TERMINAL, 1P	MSC<LH>
△ T101	87-A60-317-010	TERMINAL, 1P	MSC<EZ>
△ T102	87-A60-317-010	TERMINAL, 1P	MSC<EZ>

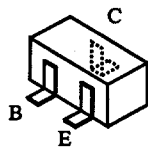
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
AC2 C.B			
△ PR101	87-026-682-080	PROTECTOR, 10A	60V491
△ PR102	87-026-682-080	PROTECTOR, 10A	60V491
△ PR103	87-026-682-080	PROTECTOR, 10A	60V491
△ PR104	87-026-682-080	PROTECTOR, 10A	60V491
WH101	87-A90-460-010	HLD, WIRE	2.5-7P
DECK C.B			
CON105	87-099-756-019	CONN, 15P	9604 S F
SFR1	87-024-581-019	SFR, 3.3K	DIA 6H
SOL1	82-ZM1-618-410	SOL ASSY, 27	
SOL2	82-ZM1-618-410	SOL ASSY, 27	
SW1	87-A90-248-019	SW, MICRO	ESE11SH2CXQ
SW2	87-A90-248-019	SW, MICRO	ESE11SH2CXQ
SW3	87-A90-248-019	SW, MICRO	ESE11SH2CXQ
SW4	87-036-110-010	SW, MICRO	SPPB62
SW5	87-036-110-010	SW, MICRO	SPPB62
SW6	87-036-110-010	SW, MICRO	SPPB62
SW8	87-A90-248-019	SW, MICRO	ESE11SH2CXQ
SW9	87-A90-248-019	SW, MICRO	ESE11SH2CXQ
W001	82-ZM3-601-019	RBN, CORD,	4P-75
HEAD-1 C.B			
HEAD-2 C.B			
CON351	87-NF6-616-010	CONN ASSY, 8P	RPB

TRANSISTOR ILLUSTRATION



E C B

CSC4115



DTA123EKA
KTA1298Y

A

B

C

D

E

F

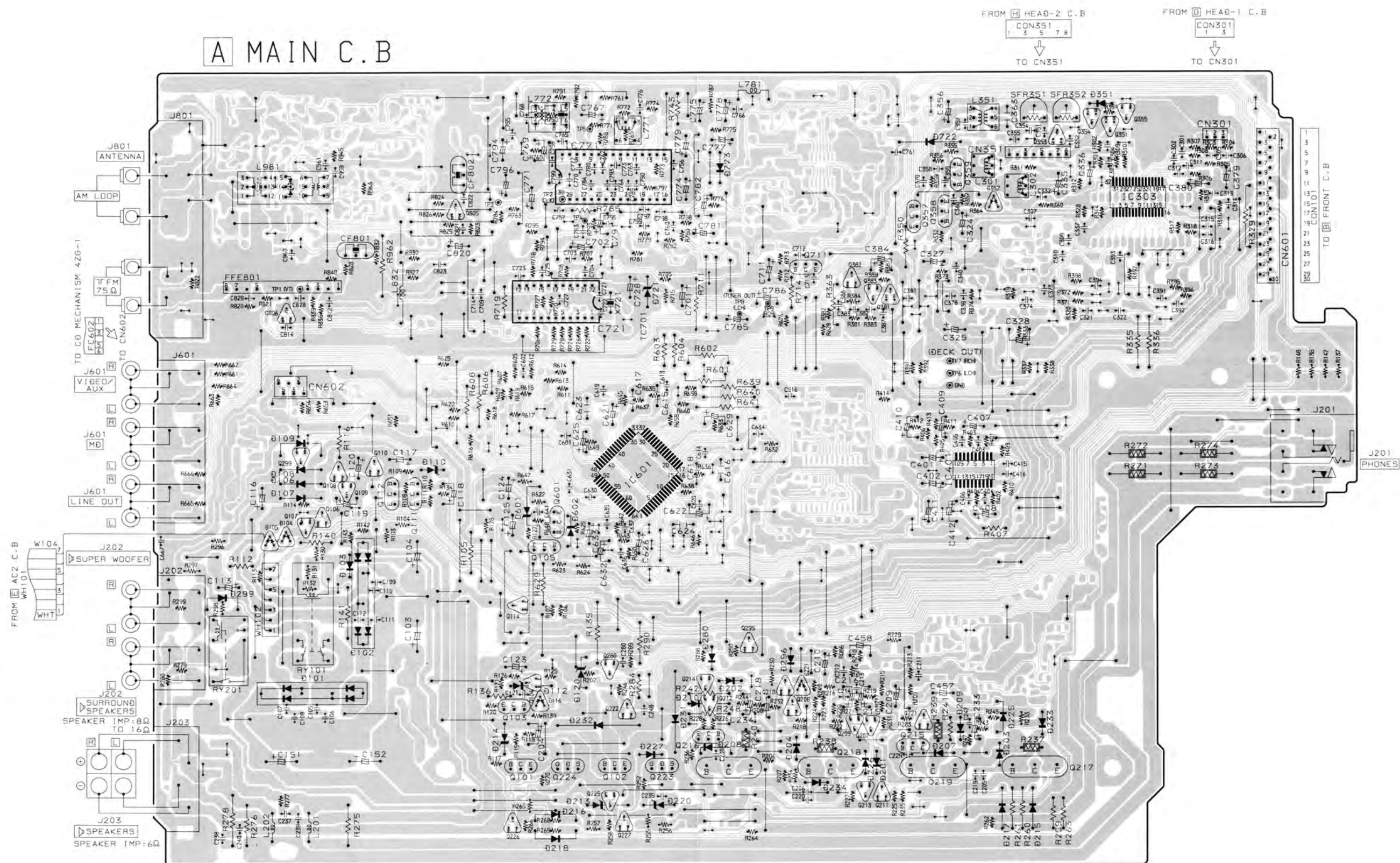
G

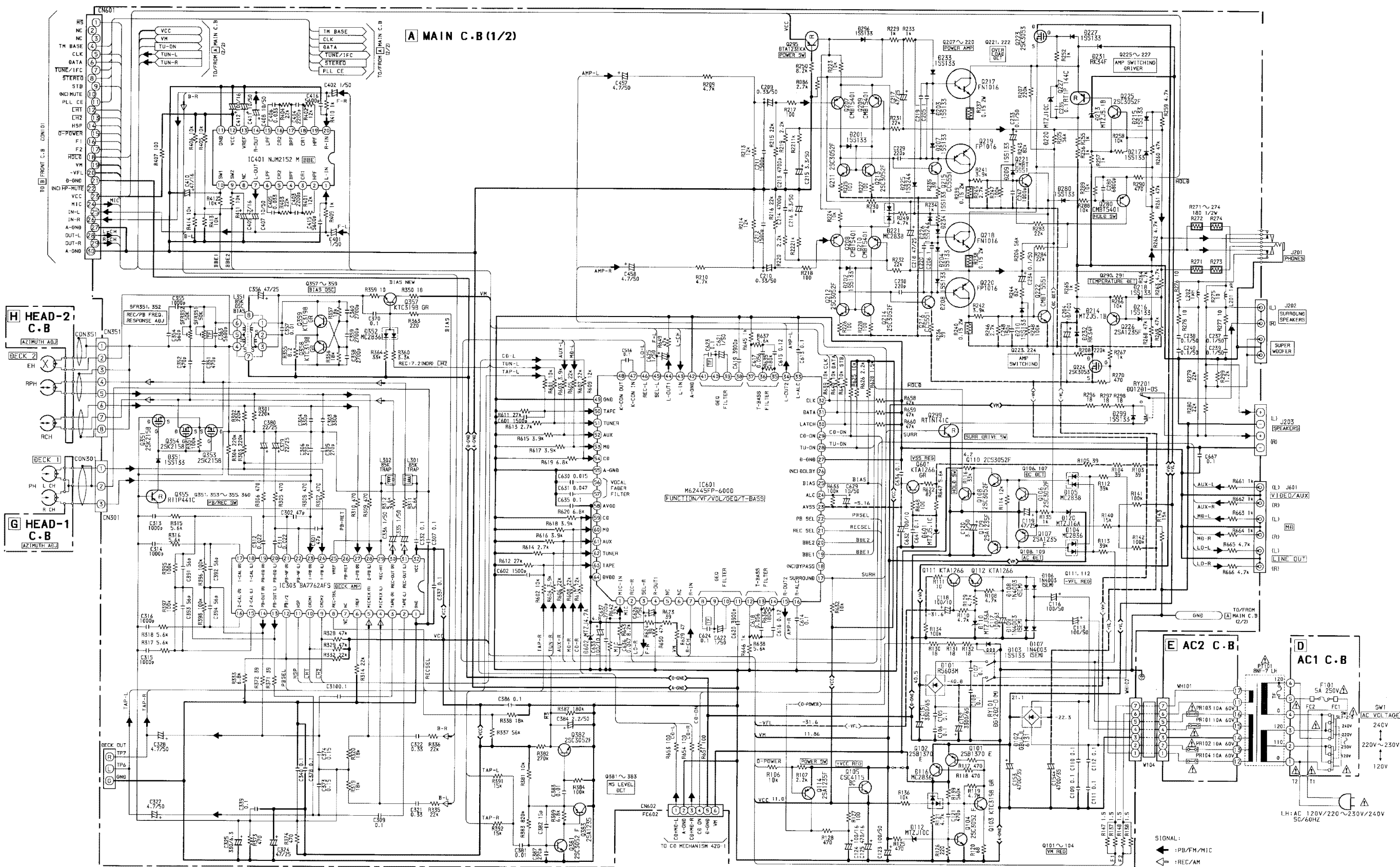
H

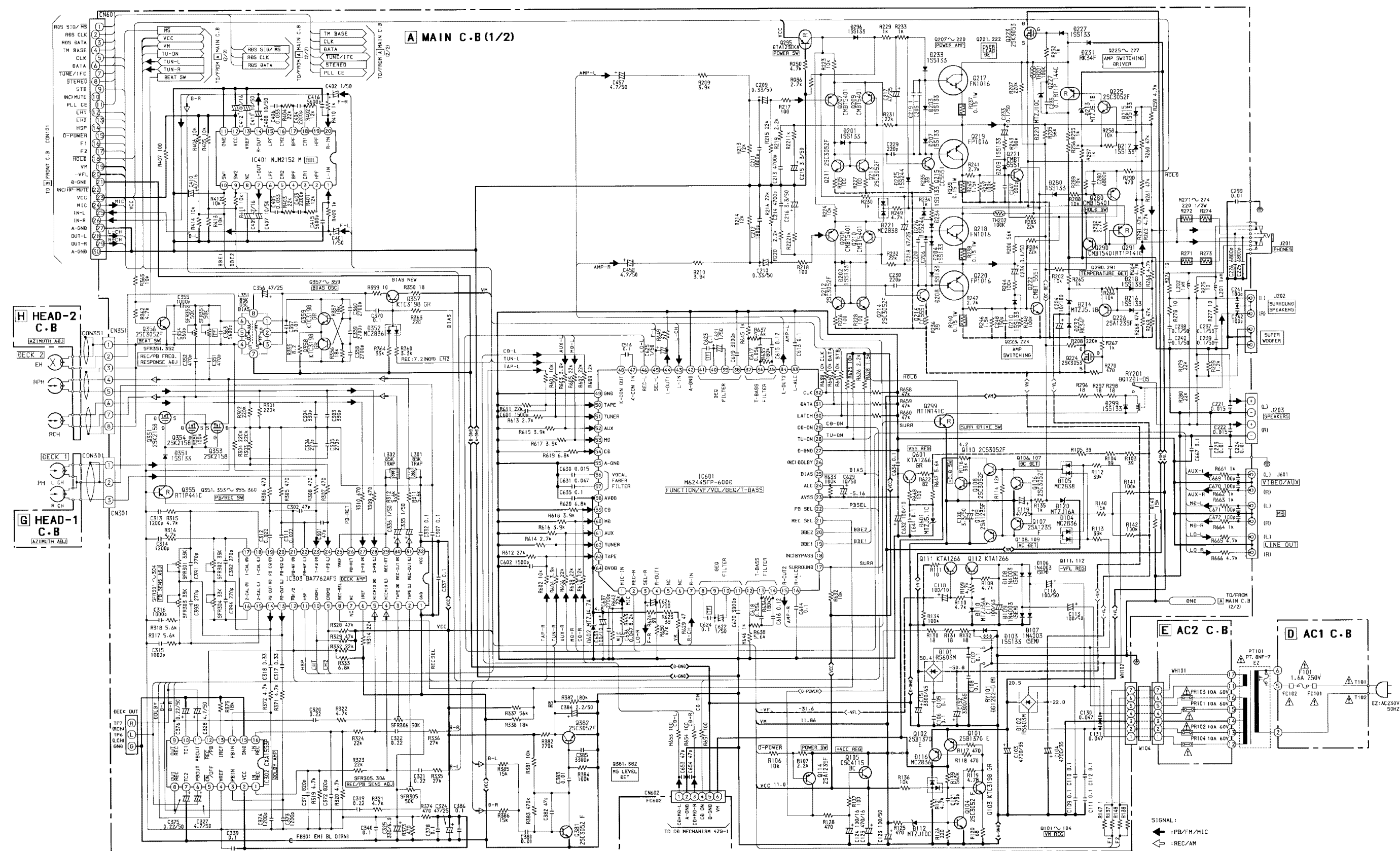
I

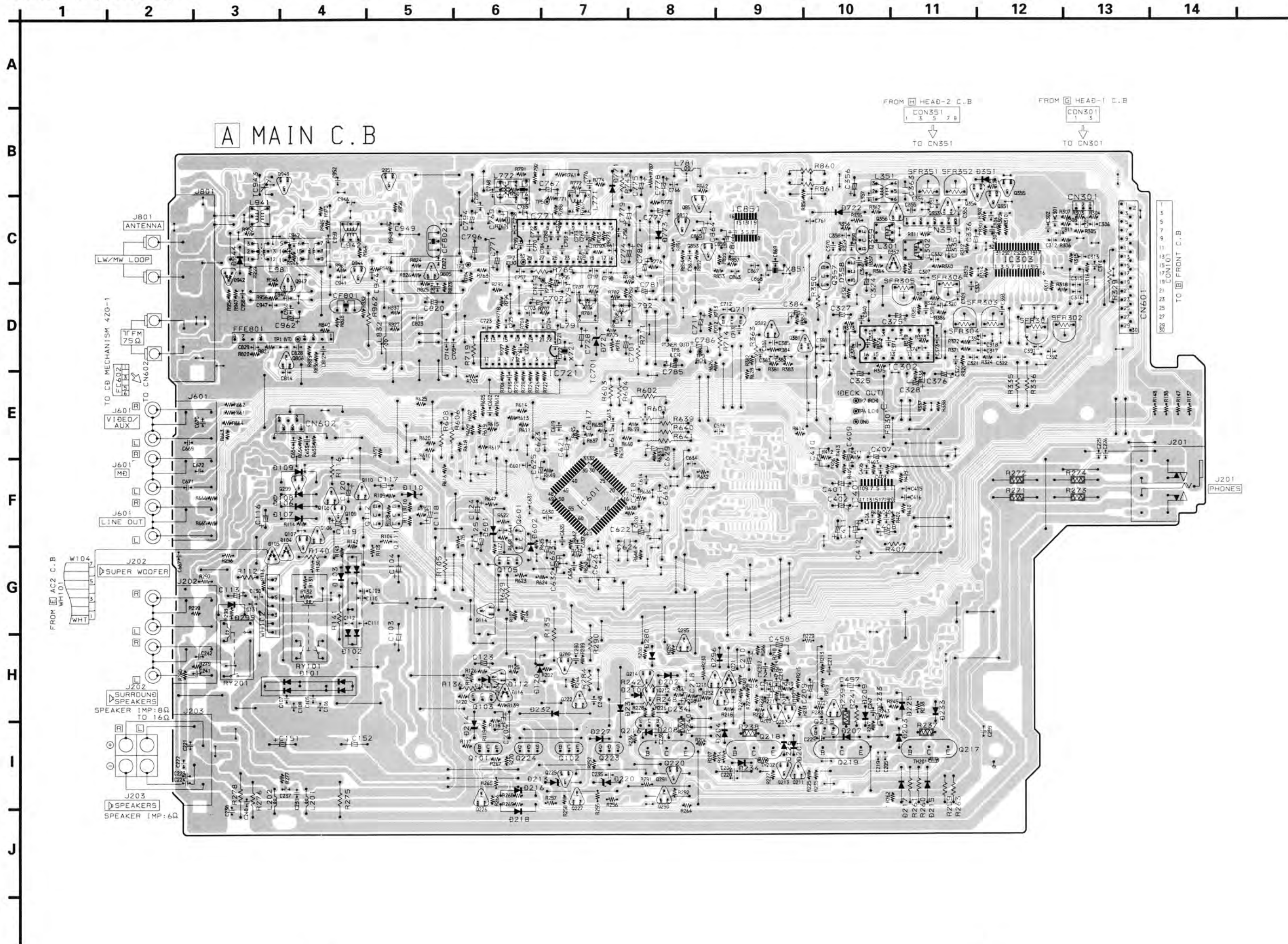
J

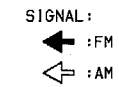
A MAIN C.B



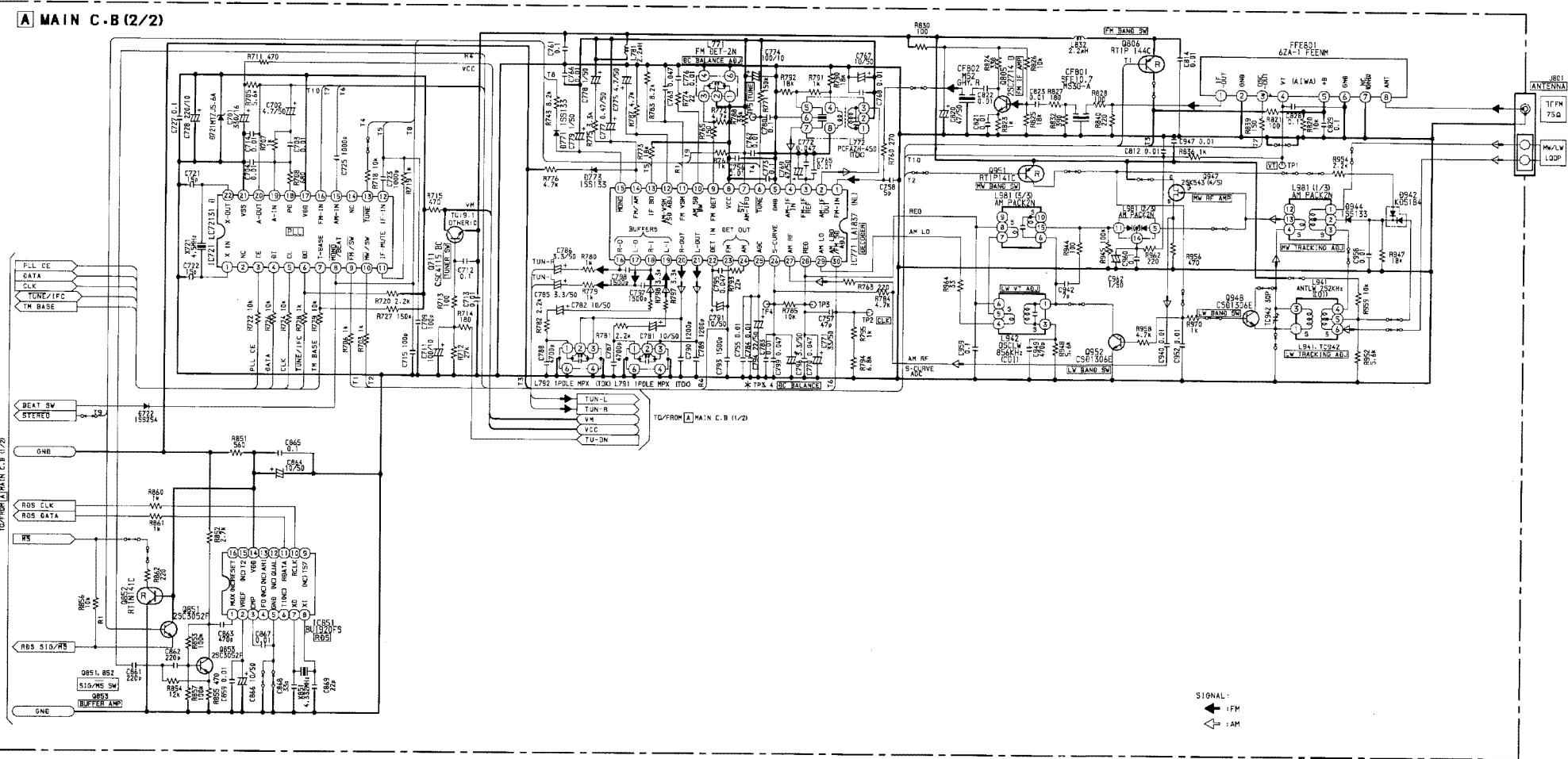








SCHEMATIC DIAGRAM - 4 (EZ : MAIN 2 / 2)



ADJUSTMENT <TUNER / DECK>

<TUNER SECTION>

13. Auto Stop Level Check

MW

- Input level : 52dB
- Test point : TP5

Method : Check auto stop at MW 999kHz and the level is 52 +10/-15dB.

FM

- Input level : 25dB
- Test point : TP5

Method : Check auto stop at FM 98.0MHz and the level is 25 dB $\pm$ 10 dB.

19. REC/PB Frequency Response Adjustment (DECK 2)

Settings : • Test tape : TTA-602

- Test point : TP6(Lch), TP7(Rch)
- Input signal : 1kHz / 10kHz (LINE IN)
- Adjustment location : SFR351 (Lch)
SFR352 (Rch)

Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP6, TP7 becomes -20VU (-36.5dBV). Record and play back the 1kHz and 10kHz signals and adjust SFRs so that the output of the 10kHz signals becomes 0dB $\pm$ 0.5dB with respect to that of the 1kHz signal.

21. REC/PB Sensitivity Check (DECK 2) <LH>

Settings : • Test tape : TTA-602

- Test point : TP6(Lch), TP7(Rch)
- Input signal : 1kHz (LINE IN)

Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at TP6, TP7 becomes 0VU(-16.5dBV). Record and play back the 1kHz signals and check that the output is -2 $\pm$ 3.0dB.

<DECK SECTION>

18. PB Sensitivity Check (DECK 1, DECK 2) <LH>

Settings : • Test tape : TTA-200

- Test point : TP6(Lch), TP7(Rch)

Method : Play back the test tape and check that the output level of the test point is 300mV $\pm$ 3dB.

PRACTICAL SERVICE FIGURE

<TUNER SECTION>

Signal to noise ratio : Mono : More than 72dB (EZ)
Stereo : More than 64dB (EZ)
[at 98.0MHz]

<LW SECTION> (EZ)

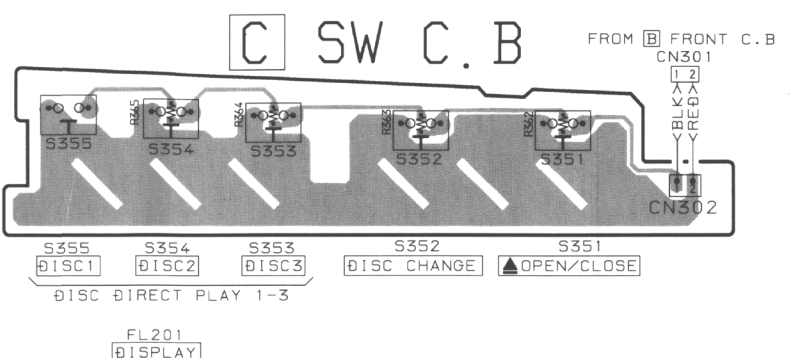
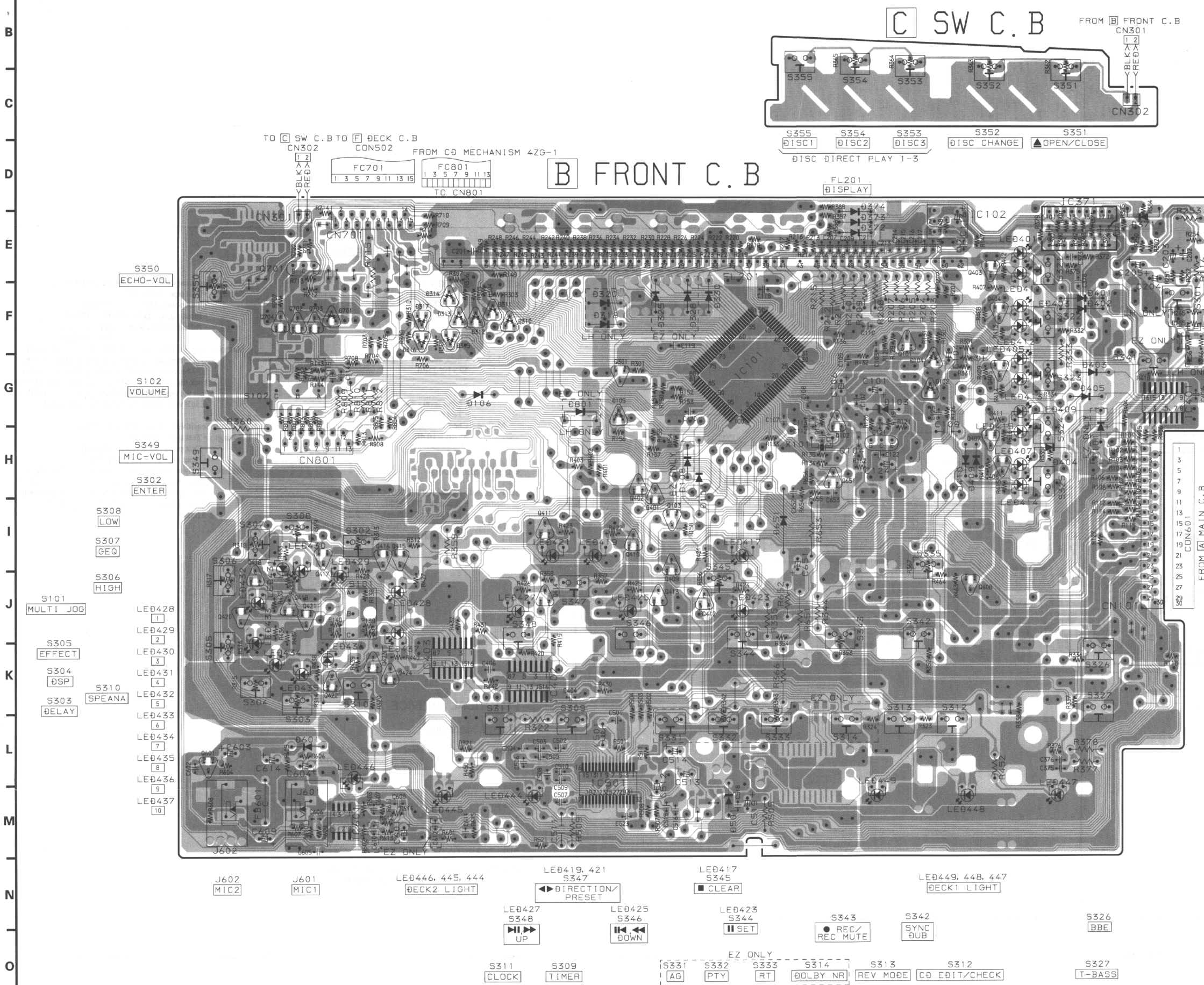
Sensitivity : Less than 70dB [at 144kHz]
Less than 66dB at 198kHz
Less than 66dB [at 290kHz]

<DECK SECTION>

REC/PB output level : -2 $\pm$ 3.0dB (LH), -3 $\pm$ 1dB (EZ)
(SP OUT 2V,NORM)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

A
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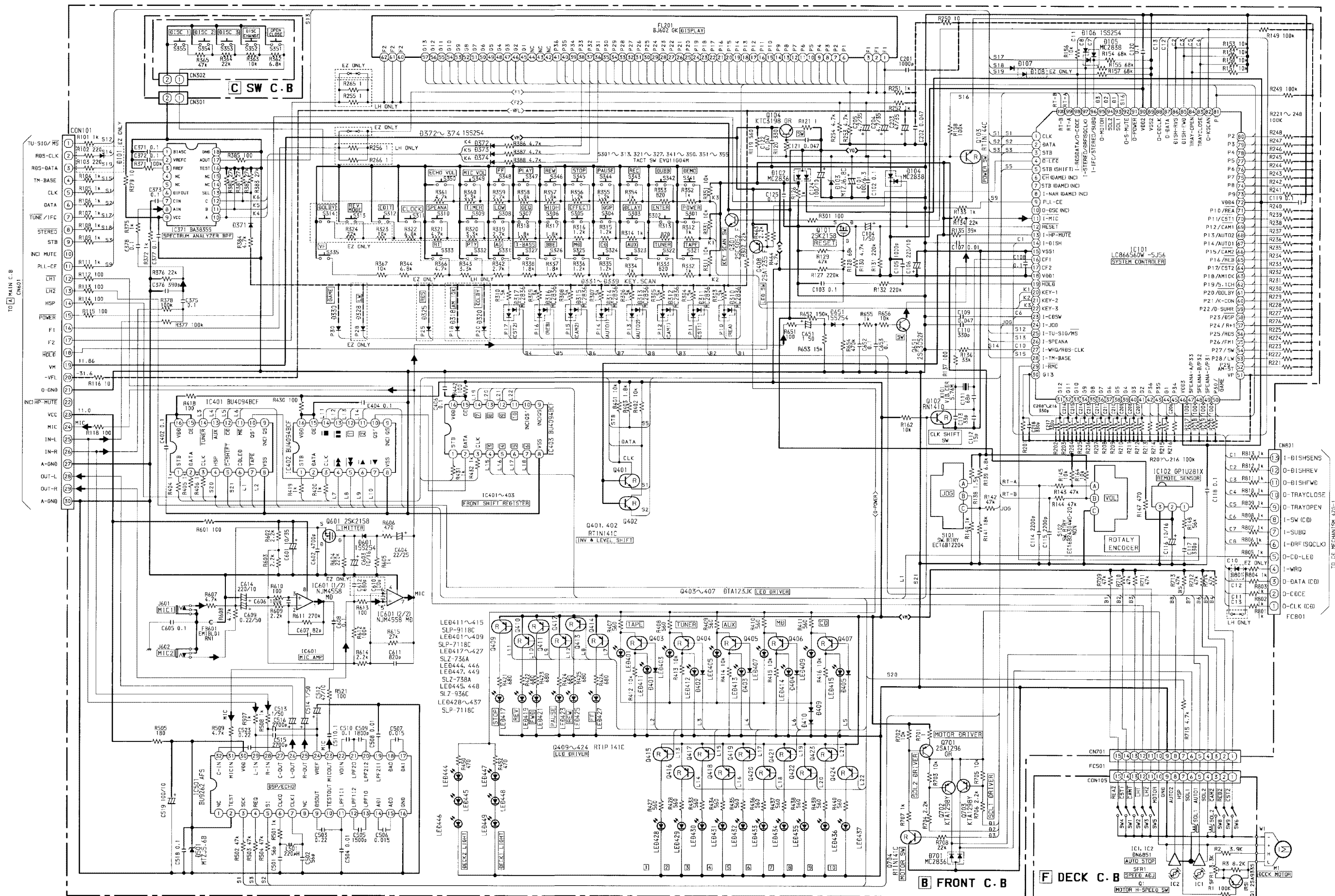


- S350 ECHO-VOL
- S102 VOLUME
- S349 MIC-VOL
- S302 ENTER
- S308 LOW
- S307 GEQ
- S306 HIGH
- S101 MULTI JOG
- S305 EFFECT
- S304 DSP
- S303 DELAY
- S310 SPEANA
- LED428 1
- LED429 2
- LED430 3
- LED431 4
- LED432 5
- LED433 6
- LED434 7
- LED435 8
- LED436 9
- LED437 10

- S301 POWER STANDBY/ON
- LED401, 411 S321 TAPE/DECK 1/2
- LED403, 412 S322 TUNER/BAND
- LED405, 413 S323 VIDEO/AUX
- LED409, 415 S324 CD
- LED407, 414 S325 MD
- S341 DEMO

FUNCTION

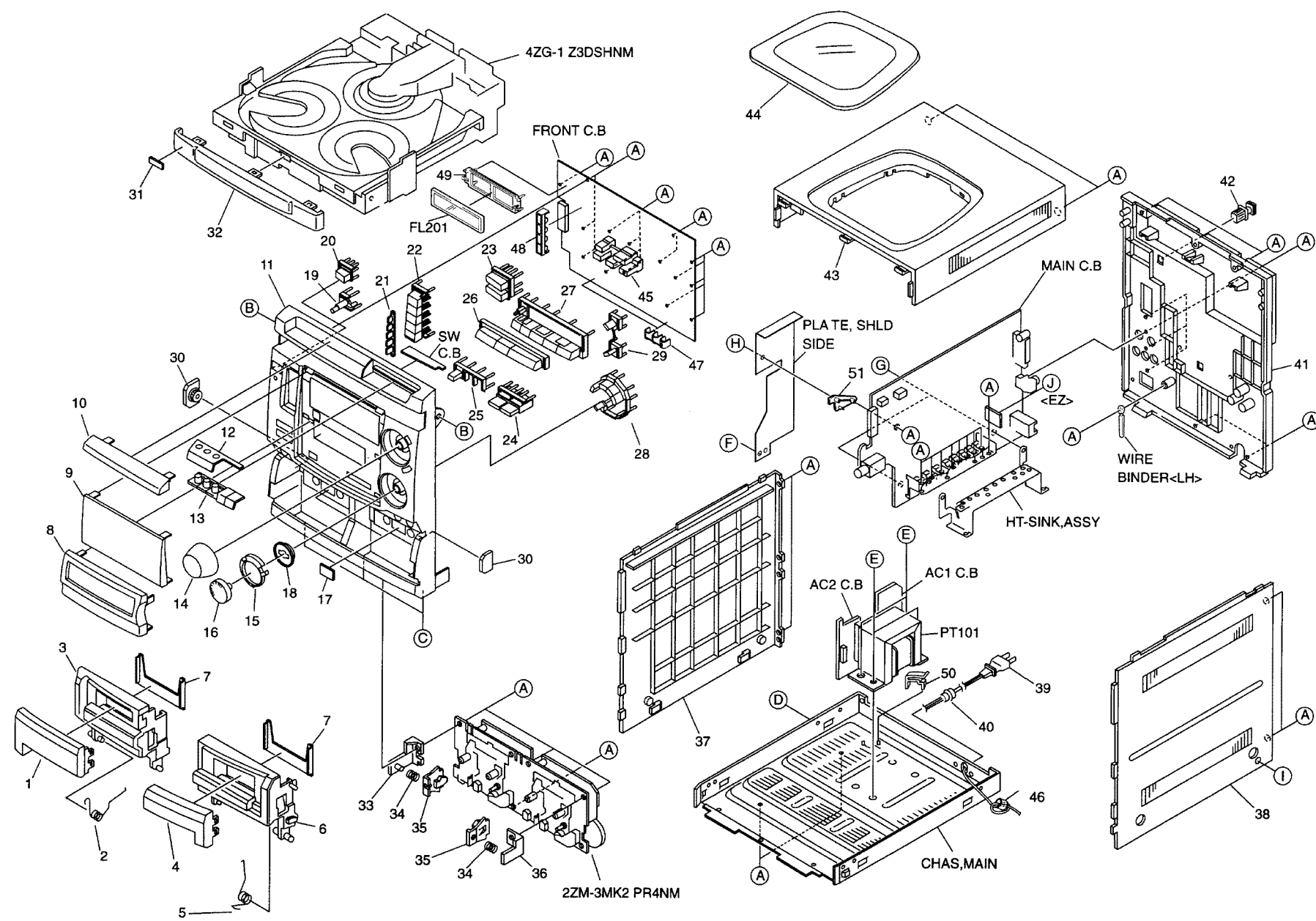
- J602 MIC2
- J601 MIC1
- LED446, 445, 444 DECK2 LIGHT
- LED419, 421 S347 DIRECTION/ PRESET
- LED417 S345 CLEAR
- LED449, 448, 447 DECK1 LIGHT
- LED427 S348 UP
- LED425 S346 DOWN
- LED423 S344 SET
- S343 REC/ REC MUTE
- S342 SYNC DUB
- S326 BBE
- S311 CLOCK
- S309 TIMER
- S331 AG
- S332 PTY
- S333 RT
- S314 DOLBY NR
- S313 REV MODE
- S312 CD EDIT/CHECK
- S327 T-BASS



NOTE: DIODE NO MARK IS 155133

SIGNAL:  PE

MECHANICAL EXPLODED VIEW 1 / 1



MECHANICAL PARTS LIST 1 / 1

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-NBG-009-010		WINDOW, CASS 1	29	87-NBG-019-010		KEY, ECHO<LH>
2	82-NF5-218-010		SPR-T, EJECT 1 (SIN)	29	88-NF7-102-010		KEY, ECHO 514<EZ>
3	88-NF7-003-110		BOX, CASS 1 U<LH>	30	87-NF8-220-010		DMPR, 150
3	88-NF7-079-010		BOX, CASS 1 514<EZ>	31	82-NB6-067-010		BADGE, AINA 30N
4	87-NBG-010-010		WINDOW, CASS 2	32	88-NF7-005-010		PANEL, TRAY<LH>
5	82-NF5-219-010		SPR-T, EJECT 2 (SIN)	32	88-NF7-081-010		PANEL, TRAY 514<EZ>
6	88-NF7-049-110		BOX, CASS 2 H<LH>	33	87-NF4-216-010		HLDR, LOCK 1
6	88-NF7-080-010		BOX, CASS 2 514<EZ>	34	86-NF9-224-010		SPR-C, LOCK
7	86-NF6-061-010		REFLECTOR, CASS	35	82-NF5-229-010		PLATE, LOCK
8	88-NF7-047-010		PANEL, CONT U1<LH>	36	87-NF4-217-010		HLDR, LOCK 2
8	88-NF7-082-010		PANEL, CONT 514<EZ>	37	87-NB8-005-010		PANEL, LEFT<LH>
9	88-NF7-038-010		WINDOW, DISP H<LH>	37	88-NF7-097-010		PANEL, LEFT 514<EZ>
9	88-NF7-039-010		WINDOW, DISP E<EZ>	38	88-NF8-047-010		PANEL, RIGHT 2<LH>
10	87-NBG-008-010		WINDOW, CD	38	88-NF7-098-010		PANEL, RIGHT 514<EZ>
11	88-NF7-103-010		CAB, FR LH 509<LH>	39	87-050-079-010		AC-CORD ASSY, E
11	88-NF7-078-010		CAB, FR E 514<EZ>	40	87-085-185-010		BUSHING, AC CORD (E)
12	87-NBG-006-010		PANEL, CD	41	88-NF7-104-010		CAB, REAR LHJSM<LH>
13	88-NF7-062-010		KEY, CD<LH>	41	88-NF7-100-010		CAB, REAR FZBNH<EZ>
13	88-NF7-090-010		KEY, CD 514<EZ>	42	84-ZG1-245-210		CAP, OPTICAL
14	87-NBG-011-010		KNOB, RTRY VOL<LH>	43	87-NF6-021-010		PANEL, TOP<LH>
14	88-NF7-092-010		KNOB, RTRY VOL 514<EZ>	43	88-NF7-096-010		PANEL, TOP 514<EZ>
15	88-NF7-007-110		PANEL, JOG<LH>	44	86-NF6-007-010		WINDOW, TOP
15	88-NF7-091-010		PANEL, JOG 514<EZ>	45	88-NF7-201-010		GUIDE, OPE
16	88-NF7-006-310		KNOB, RTRY JOG<LH>	46	87-003-317-010		F-BEAD, F0H2515-LG7
16	88-NF7-095-010		KNOB, RTRY JOG 514<EZ>	47	87-NB6-212-010		GUIDE, LED L IND
17	81-532-080-010		LABEL, CASS. COMPT	48	87-NBG-202-010		GUIDE, FUN
18	88-NF7-075-010		REFLECTOR, JOG	49	87-NF5-203-010		GUIDE, FL
19	88-NF7-040-110		KEY, DEMO S<LH>	50	87-NF4-221-010		HLDR, CABLE
19	88-NF7-099-010		KEY, DEMO S 514<EZ>	51	88-NF5-208-010		HLDR, PWB-M N
20	87-NBG-015-010		KEY, POWER<LH>	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
20	88-NF7-094-010		KEY, POWER 514<EZ>	B	87-721-097-410		QT2+3-12 GLD
21	87-NBG-023-010		REFLECTOR, FUN	C	87-067-688-010		BVT+3-6
22	88-NF7-022-110		KEY, FUN	D	87-721-096-410		QT2+3-10 GLD
23	88-NF7-008-010		KEY, BBE<LH>	E	87-078-019-010		S-SCREW, IT+4-6
23	88-NF7-083-010		KEY, BBE 514<EZ>	F	87-591-094-410		TAPPING SCREW, QIT+3-6
24	88-NF7-027-010		KEY, TIMER U<LH>	G	87-NF4-224-010		S-SCREW, IT3B+3-8 CU
24	88-NF7-089-010		KEY, TIMER 514<EZ>	H	87-723-096-410		QT2+3-10W/O SLOT BL
25	88-NF7-032-010		KEY, EDIT H<LH>	I	87-B10-091-010		UTT2+3-10 W/O BLK
25	88-NF7-093-010		KEY, EDIT 514<EZ>	J	87-067-579-010		TAPPING SCREW, BVT2+3-8<EZ>
26	88-NF7-028-110		KEY, ASSY OPE U<LH>				
26	88-NF7-084-010		KEY, ASSY OPE 514<EZ>				
27	88-NF7-034-110		KEY, ASSY DEMO H<LH>				
27	88-NF7-086-010		KEY, ASSY DEMO 514<EZ>				
28	88-NF7-014-110		KEY, DSP<LH>				
28	88-NF7-088-010		KEY, DSP 514<EZ>				

SX-SNS503 (YLJSKM) SPEAKER PARTS LIST

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-NSE-602-010		SPKR,W 160
2	86-NSR-604-010		SPKR,T 60
3	88-NSG-608-010		SPKR,CORD
4	88-NSG-013-010		PANEL,FR ASSY R
5	88-NSG-014-010		PANEL,FR ASSY L
6	88-NSG-015-010		CORD,TW
7	88-NSG-020-010		UT2.5*8 CZN
8	87-NSR-019-010		FOOT,ASSY

SX-FNS514 (YBNC9) SPEAKER PARTS LIST

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	88-NS7-013-010		PANEL,FR B
2	88-NS7-014-010		PANEL,SP B
3	87-NSA-005-010		GRILLE,FRAME
4	87-NSA-004-010		GRILLE,FRAME ASSY
5	88-NS7-015-010		PROTECTOR,B
6	87-NS4-611-010		SPKR,CORD
7	85-NS6-611-010		SPKR,CORD Y/B
8	87-NSA-610-010		SPKR,CERAMIC
9	87-NSA-611-010		SPKR,CAP
10	87-NS5-602-010		SPKR,W 160
11	86-NSA-610-010		SPKR,T 60H
12	86-NS5-606-010		SPKR,80
13	87-NSA-007-010		HLDR,SQ

ACCESSORIES / PACKAGE LIST

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	88-NF7-912-010		IB,LH(P)CCE 509<LH>
1	88-NF7-916-110		IB,E(9L)M<EZ>
2	87-006-225-010		AM LOOP ANT NC2<LH>
3	87-043-115-010		ANT,FEEDER FM<LH>
5	88-NF8-691-010		RC UNIT,RC-7AS06

REFERENCE NAME LIST

ELECTRICAL SECTION

DESCRIPTION	REFERENCE NAME
ANT	ANTENNAS
C-	CHIP
C-CAP	CAP, CHIP
C-CAP TN	CAP, CHIP TANTALUM
C-COIL	COIL, CHIP
C-DI	DIODE, CHIP
C-DIODE	DIODE, CHIP
C-FET	FET, CHIP
C-FOTR	FILTER, CHIP
C-JACK	JACK, CHIP
C-LED	LED, CHIP
C-RES	RES, CHIP
C-SFR	SFR, CHIP
C-SLIDE SW	SLIDE SWITCH, CHIP
C-SW	SWITCH, CHIP
C-TR	TRANSISTOR, CHIP
C-VR	VOLUME, CHIP
C-ZENER	ZENER, CHIP
CAP, CER	CAP, CERA-SOL
CAP, E	CAP, ELECT
CAP, M/F	CAP, FILM
CAP, TC	CAP, CERA-SOL
CAP, TC-U	CAP, CERA-SOL SS
CAP, TN	CAP, TANTALUM
CERA FIL	FILTER, CERAMIC
CF	FILTER, CERAMIC
DL	DELAY LINE
E/CAP	CAP, ELECT
FILT	FILTER
FLTR	FILTER
FUSE RES	RES, FUSE
MOT	MOTOR
P-DIODE	PHOTO DIODE
P-SNSR	PHOTO SENSER
P-TR	PHOTO TRANSISTOR
POLY VARI	VARIABLE CAPACITOR
PPCAP	CAP, PP
PT	POWER TRANSFORMER
PTR, RES	PTR, MELF
RC	REMOTE CONTROLLER
RES NF	RES, NON-FLAMMABLE
RESO	RESONATOR
SHLD	SHIELD
SOL	SOLENOID
SPKR	SPEAKER
SW, LVR	SWITCH, LEVER
SW, RTRY	SWITCH, ROTARY
SW, SL	SWITCH, SLIDE
TC CAP	CAP, CERA-SOL
THMS	THERMISTOR
TR	TRANSISTOR
TRIMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BATT	BATTERY
BRG	BEARING
BTN	BUTTON
CAB	CABINET
CASS	CASSETTE
CHAS	CHASSIS
CLR	COLLAR
CONT	CONTROL
CRSR	CURSOR
CU	CUSHION
CUSH	CUSHION
DIR	DIRECTION
DUBB	DUBBING
FL	FRONT LOADING
FLY-WHL	FLYWHEEL
FR	FRONT
FUN	FUNCTION
G-CU	G-CUSHION
HDL	HANDOL
HIMERON	CLOTH
HINGE, BAT	HINGE, BATTERY
HLDR	HOLDER
HT-SINK	HEAT SINK
IB	INSTRUCTION BOOKLET
IDLE	IDLER
IND, L-R	INDICATOR, L-R
KEY, CONT	KEY, CONTROL
KEY, PRGM	KEY, PROGRAM
KNOB, SL	KNOB, SLIDE
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTROL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOAD MOTOR
RBN	RIBBON
S-	SPECIAL
SEG	SEGMENT
SH	SHEET
SHLD-SH	SHIELD-SHEET
SL	SLIDE
SP	SPRING
SP-SCREW	SPECIAL-SCREW
SPACER, BAT	SPACER, BATTERY
SPR	SPRING
SPR-P	P-SPRING
SPR-PC-PUSH	P-SPRING, C-PUSH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL

サービス技術ニュース	
番号	連絡内容
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G- -	
G- -	

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AIWA CO.,LTD.

9301978

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