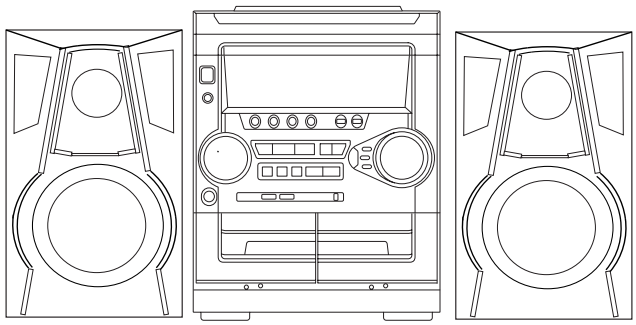
aiwa SERVICE

NSX-AJ20 U
NSX-SZ20 LH,EZ,K,V
NSX-SZ22 EZ
NSX-SZ27 EZ
NSX-DR1 EZ



SERVICE MANUAL

COMPACT DISC
STEREO SYSTEM

BASIC TAPE MECHANISM : ZZM-3
BASIC CD MECHANISM : AZG-1

SYSTEM	CD CASSEIVER	TAPE MECHANISM	CD MECHANISM	SPEAKER	REMOTE CONTROLLER
NSX-AJ20<U>	CX-NAJ20	ZZM-3 PR1NF	AZG-1 YKZD3RDF	SX-NAJ22	RC-ZAS02
NSX-SZ20<LH>	CX-NSZ20			SX-NSZ22	
NSX-SZ20 <EZ,K,V>	CX-NSZ20	ZZM-3 PR1NM	AZG-1 ZD3RDM	SX-NSZ20	
NSX-SZ22<EZ>	CX-NSZ22			SX-NSZ22	
NSX-DR1<EZ>	CX-NDR1			SX-NSZ20	
NSX-SZ27<EZ>	CX-NSZ27			SX-NSZ20	RC-ZAS17

- This Service Manual contains information about the difference between NSX-AJ20/SZ20/SZ22/SZ27/DR1 (VA model) and NSX-AJ20/SZ20/SZ22/SZ27/DR1. If requiring the other information, see Service Manual as listed on page 2.
- Refer to MAIN C.B parts number for difference of model. 8A-NF9-701-010 is for NSX-AJ20<U>/SZ20<LH,EZ,K,V>/SZ22<EZ>/SZ27<EZ>/DR1<EZ> VA model.
- If requiring information about the CD mechanism, see Service Manual of AZG-1 (S/M Code No. 09-001-335-3N8)

aiwa

S/M Code No. 09-00C-423-4S3

SUPPLEMENT DATA

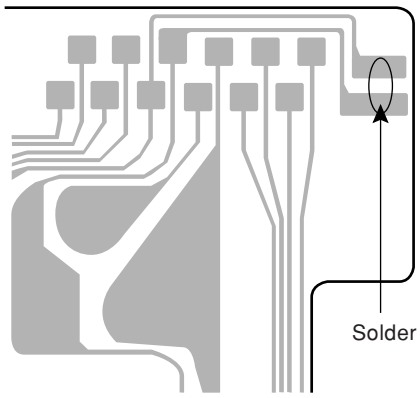
VA MODEL	BASE MODEL	
	MODEL NAME	S/M Code No.
NSX-AJ20<U> NSX-SZ20<LH>	NSX-AJ20<U> NSX-SZ20<LH>	09-001-423-4R1
NSX-SZ20<EZ,K> NSX-SZ22<EZ> NSX-SZ27<EZ>	NSX-SZ20<EZ,K> NSX-SZ22<EZ> NSX-SZ27<EZ>	09-003-423-4R2
NSX-DR1<EZ> NSX-SZ20<V>	NSX-DR1<EZ> NSX-SZ20<V>	09-007-423-4R4

Precaution to replace Optical block **(KSS-213F)**

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in the right figure.

(KSS – 213F)
CD PICK-UP Assy. PWB



SPECIFICATIONS

<FM tuner section>

Tuning range<V>	FM1 (OIRT) 65 MHz to 74 MHz (10 kHz step) FM2 (CCIR) 87.5 MHz to 108 MHz (50 kHz step)
Tuning range<Except V>	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	U,LH: 13.2 dBf EZ,K: 16.8 dBf V: FM1: 15.3 dBf FM2: 12.8 dBf
Antenna terminals	75 ohms (unbalanced)

<AM/MW tuner section>

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

<LW tuner section><EZ,K>

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

<Amplifier section>

Power output	Rated U: 50 W + 50 W (50 Hz – 20 kHz, THD less than 1%, 6 ohms) LH: 40 W + 40 W (1 kHz, THD 1%, 6 ohms) EZ,K,V: 30 W + 30 W (6 ohms, THD 1%, 1 kHz/DIN 45500) Reference U: 62 W + 62 W (1 kHz, THD less than 10%, 6 ohms) LH: 50 W + 50 W (1 kHz, THD 10% 6 ohms) EZ,K,V: 35 W + 35 W (6 ohms, THD 10%,1 kHz/DIN 45324) EZ: DIN MUSIC POWER: 67 W + 67 W
Total harmonic distortion	U: 0.08% (25 W, 1 kHz, 6 ohms, DIN AUDIO) LH: 0.05% (25 W, 1 kHz, 6 ohms, DIN AUDIO) EZ,K,V: 0.08% (15 W, 1 kHz, 6 ohms, DIN AUDIO)
Inputs	VIDEO/AUX: 500 mV
Outputs	SPEAKERS: accept speakers of 6 ohms or more SURROUND SPEAKERS <U> accept speakers of 6 ohms or more PHONES (stereo jack): accept headphones of 32 ohms or more

<Cassette deck section>

Track format	4 tracks, 2 channels stereo
Frequency response	50 Hz – 15 kHz
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 (λ =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)

<Speaker system>
<U: SX–NAJ22>
<LH, 22EZ: SX–NSZ22>
<20EZ, 20K, 27EZ, DR1,V: SX–NSZ20>

Speaker System	3 way, bass reflex (magnetic shielded type)
Speaker units	Woofer: 140 mm ($5^5/_8$ in.) cone type Tweeter: 60 mm ($2^3/_8$ in.) cone type Super tweeter: 20 mm ($^{13}/_{16}$ in.) ceramic type
Impedance	6 ohms
Output sound pressure level	87 dB/W/m
Dimensions (W x H x D)	230 x 324x 256 mm ($9^1/_8$ x $12^7/_8$ x $10^1/_8$ in.)
Weight	3.8 kg (8 lbs 6 oz.)

<General>

Power requirements	U: 120 V AC, 60 Hz LH: 120 V/220-230 V/240 V AC (switchable), 50/60 Hz EZ,K,V: 230 V AC, 50 Hz
Power consumption	U: 75 W LH,EZ,K,V: 80 W
Power consumption	With power-economizing mode off: U,LH: 13 W EZ,K,V: 14 W With power-economizing mode on: 0.9 W
Dimensions of main unit (W x H x D)	260 x 328 x 335 mm ($10^1/_4$ X 13 X $13^1/_4$ in.)
Weight of main unit	U: 6.4 kg (14 lbs 2 oz.) LH,K: 6.3 kg EZ,V: 6.2 kg

• Design and specifications are subject to change without notice.

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ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC			
	87-070-127-110		IC,LC72131D<EZ,K,V>
	87-A21-928-010		IC,LC72131D-N<U,LH>
	87-A21-401-040		C-IC,M61503FP
	87-A21-482-010		IC,RPM6938-H4<EZ,K,V>
	87-A21-831-010		IC,SPS-442-1-F1<U,LH>
	87-A21-560-010		IC,LA1844L-A
	87-A21-419-040		C-IC,NJM14558MD-TE2
	8A-NF9-604-110		C-IC,UPD780226GF-019-3BA<EXCEPT 22EZ>
	8A-NF9-606-010		C-IC,UPD780228GF-073-3BA<22EZ>
	87-A21-269-010		IC,EW732
	87-A20-440-040		C-IC,BU1920FS<22EZ>
TRANSISTOR			
	87-026-609-080		TR,KTA1266GR
	89-213-702-010		TR,2SB1370E
	87-026-610-080		TR,KTC3198GR
	87-A30-076-080		C-TR,2SC3052F
	87-A30-075-080		C-TR,2SA1235F
	87-026-245-080		TR,DTC114ES<LH>
	87-A30-198-080		TR,KTC3199GR<LH>
	87-A30-107-070		C-TR,CMBT5401
	87-A30-106-040		C-TR,CMBT5551
	87-A30-091-080		FET,2SJ460
	87-A30-062-080		C-TR,KRC104S
	87-A30-090-080		FET,2SK2541
	87-A30-318-080		TR,CSA952K
	87-A30-329-080		TR,CD1585BC
	87-A30-074-080		C-TR,RT1P 141C
	87-A30-468-080		C-TR,KRC102S-RTK
	87-A30-087-080		C-FET,2SK2158
	87-A30-086-040		C-TR,CSD1306E<EZ,K>
	89-503-602-080		C-FET,2SK360E<EZ,K>
	87-A30-234-080		TR,CSC4115BC
	89-327-143-080		C-TR,2SC2714(O)
	87-A30-072-080		C-TR,RT1P 144C
	87-A30-492-080		TR,2SC5343G
	87-A30-495-080		TR,2SA1981Y
	87-A30-427-040		C-TR,DTC114EKA
	87-A30-190-080		TR,CC5551
	87-A30-528-010		TR,2SB1686
	87-A30-529-010		TR,2SD2642
	87-A30-162-010		FET,2SK2937
DIODE			
	87-A40-553-080		DIODE,1N4003 LES
	87-A40-776-080		ZENER,UZ27BSD
	87-A40-764-080		ZENER,UZ10BSC
	87-A40-313-080		C-DIODE,MC 2840
	87-A40-270-080		C-DIODE,MC2838
	87-A40-269-080		C-DIODE,MC2836
	87-A40-752-080		ZENER,UZ6.2BSC
	87-A40-739-080		ZENER,UZ2.7BSA
	87-020-465-080		DIODE,1SS133
	87-A40-854-080		ZENER,UZ15BSA
	87-A40-535-080		DIODE,1N5393-GOODARK<LH>
	87-017-149-080		ZENER,HZS6A2L
	87-A40-393-090		DIODE,1N5402GW(F20)
	87-A40-749-080		ZENER,UZ5.6BSB
	87-A40-455-080		DIODE,RL203 GW<U>
MAIN C.B			
C3	87-012-368-080		C-CAP,S 0.1-50 F
C4	87-012-368-080		C-CAP,S 0.1-50 F
C5	87-012-368-080		C-CAP,S 0.1-50 F
C6	87-012-368-080		C-CAP,S 0.1-50 F
C9	87-012-368-080		C-CAP,S 0.1-50 F
C10	87-012-368-080		C-CAP,S 0.1-50 F
C11	87-012-368-080		C-CAP,S 0.1-50 F
C12	87-012-368-080		C-CAP,S 0.1-50 F
C19	87-A10-627-000		CAP,E 2200-50 SMG
C20	87-A10-627-000		CAP,E 2200-50 SMG
C21	87-016-495-000		CAP,E 3300-25 M SMG<U,LH>
C21	87-A10-520-000		CAP,E 3300-35 M SMG<EZ,K,V>
C22	87-016-495-000		CAP,E 3300-25 M SMG<U,LH>
C22	87-A10-520-000		CAP,E 3300-35 M SMG<EZ,K,V>
C25	87-010-384-080		CAP, ELECT 100-25M<U>
C25	87-010-385-080		CAP, ELECT 220-25V<LH,EZ,K,V>
C26	87-010-384-080		CAP, ELECT 100-25M
C27	87-010-384-080		CAP, ELECT 100-25M<U>
C27	87-010-385-080		CAP, ELECT 220-25V<LH,EZ,K,V>
C28	87-010-384-080		CAP, ELECT 100-25M
C30	87-010-430-080		CAP, ELECT 100-63
C31	87-010-263-080		CAP, ELECT 100-10V
C32	87-010-197-080		CAP, CHIP 0.01-25 K B
C33	87-010-263-080		CAP,E 100-10 M11L<U>
C34	87-010-247-080		CAP, ELECT 100-50V
C35	87-010-380-080		CAP, ELECT 47-16 M
C36	87-010-381-080		CAP, ELECT 330-16V
C38	87-010-197-080		CAP, CHIP 0.01-25 K B
C60	87-010-403-080		CAP, ELECT 3.3-50V
C61	87-010-260-080		CAP, ELECT 47-25V
C97	87-010-196-080		CHIP CAPACITOR,0.1-25
C99	87-010-196-080		CHIP CAPACITOR,0.1-25<EZ,K,V>
C101	87-010-185-080		C-CAP,S 3900P-50 B
C102	87-010-185-080		C-CAP,S 3900P-50 B
C103	87-010-545-080		CAP,E 0.22-50 M
C104	87-010-545-080		CAP,E 0.22-50 M
C105	87-010-187-080		CAP CHIP S5600P
C106	87-010-187-080		CAP CHIP S5600P
C107	87-010-404-080		CAP, ELECT 4.7-50V
C108	87-010-404-080		CAP, ELECT 4.7-50V
C109	87-010-322-080		C-CAP,S 100P-50 J CH<EZ,K>
C110	87-010-322-080		C-CAP,S 100P-50 J CH<EZ,K>
C111	87-010-391-080		CAP,E 10-35 SME
C112	87-010-391-080		CAP,E 10-35 SME
C113	87-A10-946-080		C-CAP,S 220P-100 J CH
C114	87-A10-946-080		C-CAP,S 220P-100 J CH
C119	87-010-197-080		C-CAP,S 0.01-25
C120	87-010-197-080		C-CAP,S 0.01-25
C123	87-010-176-080		C-CAP,S 680P-50 J SL<EZ,K,V>
C124	87-010-176-080		C-CAP,S 680P-50 J SL<EZ,K,V>
C125	87-012-368-080		C-CAP,S 0.1-50 F
C126	87-012-368-080		C-CAP,S 0.1-50 F
C127	87-012-368-080		C-CAP,S 0.1-50 F
C128	87-012-368-080		C-CAP,S 0.1-50 F
C129	87-010-191-080		C-CAP,S 0.015-50 F
C130	87-010-191-080		C-CAP,S 0.015-50 F
C131	87-010-197-080		CAP, CHIP 0.01-25 K B
C132	87-010-197-080		CAP, CHIP 0.01-25 K B
C133	87-010-186-080		CAP,CHIP 4700P-50 K
C140	87-010-182-080		C-CAP,S 2200P-50 B
C141	87-010-196-080		CHIP CAPACITOR,0.1-25
C186	87-010-196-080		CHIP CAPACITOR,0.1-25
C187	87-010-405-080		CAP, ELECT 10-50V
C188	87-010-405-080		CAP, ELECT 10-50V
C235	87-010-408-080		CAP, ELECT 47-50V<U>
C236	87-010-408-080		CAP, ELECT 47-50V<U>
C239	87-010-196-080		CHIP CAPACITOR,0.1-25
C301	87-010-178-080		C-CAP,S 1000-50 K B
C302	87-010-178-080		C-CAP,S 1000-50 K B
C303	87-010-178-080		C-CAP,S 1000-50 K B
C304	87-010-178-080		C-CAP,S 1000-50 K B
C307	87-010-263-080		CAP, ELECT 100-10V
C308	87-010-263-080		CAP, ELECT 100-10V
C309	87-010-318-080		C-CAP,S 47P-50 CH
C310	87-010-318-080		C-CAP,S 47P-50 CH

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C313	87-010-188-080		CAP,CHIP 6800P
C314	87-010-188-080		CAP,CHIP 6800P
C315	87-010-263-080		CAP, ELECT 100-10V
C317	87-010-546-080		CAP, ELECT 0.33-50V
C318	87-010-546-080		CAP, ELECT 0.33-50V
C326	87-010-198-080		CAP, CHIP 0.022-25 K
C327	87-012-368-080		C-CAP,S 0.1-50 F
C360	87-010-401-080		CAP, ELECT 1-50V
C399	87-012-140-080		C-CAP,S 470P-50 J
C401	87-010-544-080		CAP, ELECT 0.1-50V
C402	87-010-544-080		CAP, ELECT 0.1-50V
C403	87-010-321-080		CHIP CAPACITOR,82P(J)
C404	87-010-321-080		CHIP CAPACITOR,82P(J)
C405	87-010-197-080		CAP, CHIP 0.01-25 K B
C406	87-010-197-080		CAP, CHIP 0.01-25 K B
C407	87-010-197-080		CAP, CHIP 0.01-25 K B
C408	87-010-197-080		CAP, CHIP 0.01-25 K B
C409	87-010-182-080		C-CAP,S 2200P-50 B
C410	87-010-182-080		C-CAP,S 2200P-50 B
C411	87-010-405-080		CAP, ELECT 10-50V
C412	87-010-405-080		CAP, ELECT 10-50V
C452	87-010-382-080		CAP, ELECT 22-25V
C453	87-010-183-080		C-CAP,S 2700P-50 B
C454	87-010-183-080		C-CAP,S 2700P-50 B
C455	87-010-183-080		C-CAP,S 2700P-50 B
C456	87-010-197-080		CAP, CHIP 0.01-25 K B
C457	87-A12-361-080		CAP, M 5600P-100 J CP
C458	87-010-178-080		C-CAP,S 1000P-50 K B<EZ,K,V>
C459	87-010-175-080		C-CAP,S 560P-50 J SL<EZ,K,V>
C460	87-010-196-080		CHIP CAPACITOR,0.1-25
C461	87-012-158-080		C-CAP,S 390P-50 CH
C462	87-012-158-080		C-CAP,S 390P-50 CH
C470	87-018-127-080		CAP, CER 470P-50V
C605	87-010-184-080		CAP,CHIP S 3300P-50 KB<U>
C605	87-010-179-080		CAP,CHIP S 1200P-50 KB<EXCEPT U>
C606	87-010-184-080		CAP,CHIP S 3300P-50 KB<U>
C606	87-010-179-080		CAP,CHIP S 1200P-50 KB<EXCEPT U>
C609	87-010-213-080		C-CAP,S 0.015-50 B
C610	87-010-213-080		C-CAP,S 0.015-50 B
C611	87-010-545-080		CAP, ELECT 0.22-50V
C612	87-010-545-080		CAP, ELECT 0.22-50V
C613	87-010-545-080		CAP, ELECT 0.22-50V
C614	87-010-545-080		CAP, ELECT 0.22-50V
C615	87-010-154-080		CAP CHIP 10P-50 CH
C616	87-010-221-080		CAP, ELECT 470-10 M
C617	87-010-221-080		CAP, ELECT 470-10 M
C618	87-010-405-080		CAP, ELECT 10-50V
C630	87-016-669-080		C-CAP,S 0.1-25 K B
C631	87-010-185-080		C-CAP,S 3900P-50 B
C632	87-010-185-080		C-CAP,S 3900P-50 B
C633	87-016-369-080		C-CAP,S 0.033-25 K B
C634	87-016-369-080		C-CAP,S 0.033-25 K B
C669	87-010-322-080		C-CAP,S 100P-50 CH
C670	87-010-322-080		C-CAP,S 100P-50 CH
C677	87-010-197-080		CAP, CHIP 0.01-25 K B
C771	87-010-263-080		CAP, ELECT 100-10V
C772	87-010-197-080		CAP, CHIP 0.01-25 K B
C779	87-010-949-080		C-CAP,S 0.01-50 J B<EZ,K>
C780	87-010-949-080		C-CAP,S 0.01-50 J B<EZ,K>
C782	87-010-197-080		CAP, CHIP 0.01-25 K B
C783	87-010-197-080		CAP, CHIP 0.01-25 K B
C784	87-010-197-080		CAP, CHIP 0.01-25 K B
C785	87-010-197-080		CAP, CHIP 0.01-25 K B
C786	87-010-197-080		CAP, CHIP 0.01-25 K B
C788	87-010-149-080		C-CAP,S 5P-50 CH
C789	87-A12-052-080		C-CAP,S 0.033-25 J B<U,LH>
C789	87-A10-801-080		C-CAP,S 0.022-16 J B<EZ,K,V>
C790	87-A12-052-080		C-CAP,S 0.033-25 J B<U,LH>
C790	87-A10-801-080		C-CAP,S 0.022-16 J B<EZ,K,V>
C791	87-010-196-080		CHIP CAPACITOR,0.1-25
C792	87-010-197-080		CAP, CHIP 0.01-25 K B
C793	87-010-404-080		CAP, ELECT 4.7-50V
C794	87-012-140-080		C-CAP,S 470P-50 J<EXCEPT U,LH,22EZ>
C794	87-012-155-080		C-CAP,S 180P-50 J<22EZ>
C795	87-010-197-080		CAP, CHIP 0.01-25 K B
C796	87-010-197-080		CAP, CHIP 0.01-25 K B
C797	87-010-405-080		CAP, ELECT 10-50V
C798	87-010-197-080		CAP, CHIP 0.01-25 K B
C799	87-010-407-080		CAP, ELECT 33-50V
C800	87-012-369-080		C-CAP,S 0.047-50F
C801	87-010-403-080		CAP, ELECT 3.3-50V
C802	87-010-194-080		CAP, CHIP 0.047-25 Z F
C803	87-010-198-080		CAP, CHIP 0.022-25 K B
C804	87-010-263-080		CAP, ELECT 100-10V
C807	87-010-400-080		CAP, ELECT 0.47-50V
C808	87-010-401-080		CAP, ELECT 1-50V
C809	87-010-401-080		CAP, ELECT 1-50V
C810	87-010-196-080		CHIP CAPACITOR,0.1-25
C814	87-010-197-080		CAP, CHIP 0.01-25 K B
C815	87-010-400-080		CAP, ELECT 0.47-50V
C816	87-010-400-080		CAP, ELECT 0.47-50V
C818	87-010-180-080		C-CAP,S 1500P-50 KB<EZ,K>
C821	87-010-405-080		CAP, ELECT 10-50V
C823	87-010-177-080		C-CAP,S 820P-50 SL
C824	87-010-404-080		CAP, ELECT 4.7-50 M
C825	87-010-596-080		CAP, S 0.047-16
C831	87-010-406-080		CAP, ELECT 22-50<EZ,K>
C842	87-010-197-080		CAP, CHIP 0.01-25 K B
C844	87-010-197-080		CAP, CHIP 0.01-25 K B
C850	87-010-260-080		CAP, ELECT 47-25V
C851	87-010-197-080		CAP, CHIP 0.01-25 K B
C852	87-010-197-080		CAP, CHIP 0.01-25 K B
C853	87-010-197-080		CAP, CHIP 0.01-25 K B
C858	87-010-196-080		CHIP CAPACITOR,0.1-25
C859	87-010-196-080		CHIP CAPACITOR,0.1-25
C860	87-010-197-080		CAP, CHIP 0.01-25 K B
C869	87-010-197-080		CAP, CHIP 0.01-25 K B<22EZ>
C870	87-010-178-080		C-CAP,S 1000P-50 K B<22EZ>
C871	87-012-156-010		C-CAP,S 2200P-50 J CH<22EZ>
C872	87-012-156-010		C-CAP,S 2200P-50 J CH<22EZ>
C873	87-012-140-080		C-CAP,S 470P-50 J CH<22EZ>
C874	87-010-405-080		CAP, ELECT 10-50V<22EZ>
C875	87-010-196-080		C-CAP,S 0.1-25 Z F<22EZ>
C876	87-010-405-080		CAP, ELECT 10-50V<22EZ>
C877	87-010-197-080		CAP, CHIP 0.01-25 K B<22EZ>
C878	87-010-316-080		C-CAP,S 33P-50 J CH GRM<22EZ>
C879	87-010-314-080		C-CAP,S 22P-50 J CH GRM<22EZ>
C940	87-010-197-080		CAP, CHIP 0.01-25 K B<EZ,K>
C942	87-010-149-080		C-CAP,S 5P-50 CH<EZ,K>
C947	87-010-197-080		CAP, CHIP 0.01-25 K B<EZ,K>
C948	87-012-140-080		C-CAP,S 470P-50 J CH<EZ,K>
C952	87-010-197-080		CAP, CHIP 0.01 DM<EZ,K>
C957	87-010-311-080		C-CAP,S 12P-50 J CH<EZ,K>
C958	87-010-197-080		CAP, CHIP 0.01-25 K B<EZ,K>
C959	87-010-196-080		CHIP CAPACITOR,0.1-25
C960	87-010-196-080		CHIP CAPACITOR,0.1-25
C961	87-010-152-080		C-CAP,S 8P-50 CH<U,LH,V>
C962	87-010-401-080		CAP, ELECT 1-50V<EZ,K>
C963	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z
C971	87-010-381-080		CAP, ELECT 330-16V
C972	87-010-404-080		CAP, ELECT 4.7-50V
C973	87-010-197-080		CAP, CHIP 0.01-25 K B
C974	87-010-197-080		CAP, CHIP 0.01-25 K B
C979	87-010-322-080		C-CAP,S 100P-50 CH
C981	87-010-260-080		CAP, ELECT 47-25V
C982	87-010-196-080		CHIP CAPACITOR,0.1-25
C983	87-010-197-080		CAP, CHIP 0.01-25 K B
C984	87-010-197-080		CAP, CHIP 0.01-25 K B
C985	87-010-322-080		C-CAP,S 100P-50 CH<EZ,K>
C987	87-010-197-080		CAP, CHIP 0.01-25 K B<EZ,K,V>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C989	87-010-197-080		CAP, CHIP 0.01-25 K B<EZ,K>
C991	87-010-312-080		C-CAP,S 15P-50 CH
C992	87-010-312-080		C-CAP,S 15P-50 CH
C993	87-010-178-080		CHIP CAP 1000P-50 K B
C995	87-010-178-080		CHIP CAP 1000P-50 K B
C997	87-010-196-080		CHIP CAPACITOR,0.1-25
C998	87-010-260-080		CAP, ELECT 47-25V
C999	87-A11-155-080		CAP,TC U 0.01-16 Z F
CF831	87-008-261-010		FILTER, SFE10.7MA5-A<U,LH,V>
CF831	87-008-423-010		FILTER, SFE10.7<EZ,K>
CF832	87-008-261-010		FILTER, SFE10.7MA5-A<U,LH,V>
CF832	82-785-747-010		CF MS2 GHY R<EZ,K>
CN301	87-A60-620-010		CONN,3P V 2MM JMT
CN351	87-A60-625-010		CONN,8P V 2MM JMT
CN601	87-099-719-010		CONN,30P TYK-B(X)
CN602	87-A60-131-010		CONN,6P V FE
CNA1	8A-NF8-653-010		CONN ASSY,9P TID-A(480)<LH>
CON351	86-ZM3-605-110		CON ASSY,8P-PB
FC602	88-906-251-110		FF-CABLE,6P 1.25
FFE831	A8-8ZA-195-030		8ZA-1 YFEMUNM<U,LH>
FFE831	A8-6ZA-19H-030		6ZA-1 FEMENM<EZ,K>
FFE831	A8-6ZA-19K-030		6ZA-1 FEMVNM<V>
J202	87-A60-488-010		JACK,DIA6.3 BLK ST W/SW KM16AT
J203	87-A60-238-010		TERMINAL,SP 4P (MSC)
J205	87-A60-881-010		JACK,PIN 2P MSP 242V05 PBSN<U>
J602	87-A60-881-010		JACK,PIN 2P MSP 242V05 PBSN
J831	87-A60-202-010		TERMINAL,ANT 4P MSP-154V-02<U,LH,V>
J832	87-A60-403-010		TERMINAL,ANT PAL 2P HSP312V05<EZ,K>
L101	87-A50-610-010		COIL,1UH K(MDEC)
L102	87-A50-610-010		COIL,1UH K(MDEC)
L451	87-007-342-010		COIL,OSC 85K BIAS
L801	87-A50-608-010		COIL,FM DET-N(TOK)
L802	87-A91-551-010		FLTR,PCFJZH-450 L(TOK)
L811	87-005-847-080		COIL,2.2UH(CECS)
L832	87-005-847-080		COIL,2.2UH(CECS)
L861	87-005-847-080		COIL,2.2UH(CECS)<22EZ>
L941	87-A50-020-010		COIL,ANT LW(COI)<EZ,K>
L942	87-A50-019-010		COIL,OSC LW(COI)<EZ,K>
L951	8A-NF8-667-010		COIL,AM PACK 4(TOK)<U,LH,V>
L951	8A-NF8-668-010		COIL,AM PACK 2(TOK)<EZ,K>
R129	87-A00-257-080		RES,M/F 0.15-1W J<U,LH>
R130	87-A00-257-080		RES,M/F 0.15-1W J<U,LH>
R131	87-A00-257-080		RES,M/F 0.15-1W J<U,LH>
R131	87-A00-258-080		RES,M/F 0.22-1W J RA<EZ,K,V>
R132	87-A00-257-080		RES,M/F 0.15-1W J<U,LH>
R132	87-A00-258-080		RES,M/F 0.22-1W J RA<EZ,K,V>
R143	87-A00-440-050		RES,220-1/2W J RP
R144	87-A00-440-050		RES,220-1/2W J RP
R145	87-A00-440-050		RES,220-1/2W J RP
R146	87-A00-440-050		RES,220-1/2W J RP
R653	87-A11-144-080		CAP,TC U 0.1-50 K B
R654	87-A11-144-080		CAP,TC U 0.1-50 K B
R790	87-010-197-080		CAP, CHIP 0.01 DM
R991	87-010-322-080		C-CAP,S 100P-50 CH
R993	87-010-322-080		C-CAP,S 100P-50 CH
R995	87-010-322-080		C-CAP,S 100P-50 CH
SFR451	87-A90-433-080		SFR,50K H NVZ6TLTA
SFR452	87-A90-433-080		SFR,50K H NVZ6TLTA
TC942	87-A91-774-080		TRIMMER,PLY 30P6.8X5.4 CDYL<EZ,K>
TH101	87-A91-042-080		C-THMS,100K 55001
TH102	87-A91-042-080		C-THMS,100K 55001
WH1	87-A90-510-010		HLDR,WIRE 2.5-9P
W99	8A-NF9-609-010		F-CABLE,9P 2.5 260MM<EXCEPT LH>
X861	87-A70-091-010		VIB,XTAL 4.332MHZ CSA-309<22EZ>
X991	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309

FRONT C.B

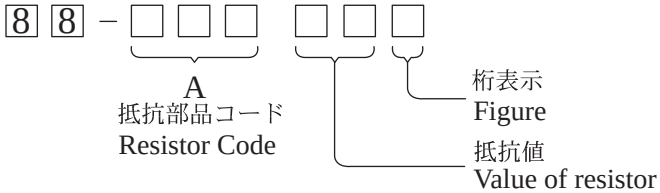
C101	87-010-196-080		CHIP CAPACITOR,0.1-25
C102	87-010-196-080		CHIP CAPACITOR,0.1-25
C103	87-010-498-040		CAP,E 10-16 M 5L
C104	87-010-196-080		CHIP CAPACITOR,0.1-25
C107	87-010-493-040		CAP,E 0.47-50 M 5L
C108	87-012-393-080		C-CAP,S 0.22-16 R K
C153	87-010-198-080		CAP, CHIP 0.022-25 K B
C154	87-010-246-040		CAP,E 47-35 SME
C155	87-010-404-040		CAP,E 4.7-50 SME
C156	87-010-404-040		CAP,E 4.7-50 SME
C361	87-010-178-080		CHIP CAP 1000P-50 K B
C362	87-010-178-080		CHIP CAP 1000P-50 K B
C371	87-010-178-080		CHIP CAP 1000P-50 K B
C372	87-010-178-080		CHIP CAP 1000P-50 K B
C601	87-010-382-040		CAP,E 22-25 SME
C801	87-010-195-080		C-CAP,S 0.068-25 F
C802	87-010-195-080		C-CAP,S 0.068-25 F
C803	87-010-402-040		CAP,E 2.2-50 SME
C804	87-010-402-040		CAP,E 2.2-50 SME
C805	87-010-196-080		CHIP CAPACITOR,0.1-25
C806	87-010-196-080		CHIP CAPACITOR,0.1-25
C810	87-010-379-040		CAP,E 22-16 M 11L SME
C901	87-010-322-080		C-CAP,S 100P-50 CH
C902	87-010-322-080		C-CAP,S 100P-50 CH
C903	87-010-322-080		C-CAP,S 100P-50 CH
C904	87-010-322-080		C-CAP,S 100P-50 CH
C905	87-010-322-080		C-CAP,S 100P-50 CH
C906	87-010-322-080		C-CAP,S 100P-50 CH
C907	87-010-322-080		C-CAP,S 100P-50 CH
C908	87-010-322-080		C-CAP,S 100P-50 CH
C909	87-010-322-080		C-CAP,S 100P-50 CH
C910	87-010-322-080		C-CAP,S 100P-50 CH
C911	87-010-178-080		CHIP CAP 1000P-50 K B
C912	87-010-196-080		CHIP CAPACITOR,0.1-25
C913	87-010-248-040		CAP,E 220-10 SME
C914	87-010-248-040		CAP,E 220-10 SME
C915	87-010-196-080		CHIP CAPACITOR,0.1-25
C916	87-010-196-080		CHIP CAPACITOR,0.1-25
C917	87-010-196-080		CHIP CAPACITOR,0.1-25
C919	87-010-197-080		CAP, CHIP 0.01-25 K B
C920	87-012-369-080		C-CAP,S 0.047-50F
C921	87-010-186-080		CAP,CHIP 4700P-50 K B
C951	87-010-312-080		C-CAP,S 15P-50 CH
C952	87-012-155-080		C-CAP 180P-50CH
C953	87-012-140-080		CAP 470P-50 CH
C961	87-010-378-040		CAP,E 10-16 M SME
C962	87-012-157-080		C-CAP,S 330P-50 CH
C963	87-010-196-080		CHIP CAPACITOR,0.1-25
CN104	87-A60-057-010		CONN,11P V 9604S-11C
CN701	87-099-720-010		CONN,30P BLK TYK-B(P)
CN731	87-099-015-010		CONN,13P V BLK 6216V
FC104	88-911-101-110		FF-CABLE,11P 1.25
FC731	88-913-301-110		FF-CABLE,13P-1.25
FL901	8A-NF9-605-010		FL,HNA-10SS12
L951	87-A50-434-010		COIL,CLK 4.19M(TOKO)
LED201	87-A40-619-040		LED,SLR-56PT-T31-W GRN
LED202	87-A40-619-040		LED,SLR-56PT-T31-W GRN
LED204	87-A40-619-040		LED,SLR-56PT-T31-W GRN
LED205	87-A40-619-040		LED,SLR-56PT-T31-W GRN
LED209	87-A40-317-080		LED,SLR-342VCT31 RED
LED210	87-A40-619-040		LED,SLR-56PT-T31-W GRN
S301	87-A90-164-080		SW,TACT SKQNAB(N)
S302	87-A90-164-080		SW,TACT SKQNAB(N)
S303	87-A90-164-080		SW,TACT SKQNAB(N)
S304	87-A90-164-080		SW,TACT SKQNAB(N)
S305	87-A90-164-080		SW,TACT SKQNAB(N)
S306	87-A90-164-080		SW,TACT SKQNAB(N)
S307	87-A90-164-080		SW,TACT SKQNAB(N)
S308	87-A90-164-080		SW,TACT SKQNAB(N)
S309	87-A90-164-080		SW,TACT SKQNAB(N)
S321	87-A90-164-080		SW,TACT SKQNAB(N)
S322	87-A90-164-080		SW,TACT SKQNAB(N)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
S323	87-A90-164-080		SW,TACT SKQNAB(N)
S324	87-A90-164-080		SW,TACT SKQNAB(N)
S325	87-A90-164-080		SW,TACT SKQNAB(N)
S326	87-A90-164-080		SW,TACT SKQNAB(N)
S327	87-A90-164-080		SW,TACT SKQNAB(N)<22EZ>
S328	87-A90-164-080		SW,TACT SKQNAB(N)<22EZ>
S329	87-A90-164-080		SW,TACT SKQNAB(N)<22EZ>
S341	87-A90-164-080		SW,TACT SKQNAB(N)
S342	87-A90-164-080		SW,TACT SKQNAB(N)
S343	87-A90-164-080		SW,TACT SKQNAB(N)
S344	87-A90-164-080		SW,TACT SKQNAB(N)
S345	87-A90-164-080		SW,TACT SKQNAB(N)
S346	87-A90-164-080		SW,TACT SKQNAB(N)
S347	87-A90-164-080		SW,TACT SKQNAB(N)
S348	87-A90-164-080		SW,TACT SKQNAB(N)
S349	87-A90-164-080		SW,TACT SKQNAB(N)
S350	87-A90-164-080		SW,TACT SKQNAB(N)
S361	87-A91-633-010		SW,RTRY XRE012103PVB25FINA 1-2
S371	87-A91-632-010		SW,RTRY XRE012103PVB25FINB 1-2
PT C.B			
C1	87-010-387-080		CAP,E 470-25 SME<LH>
C31	87-010-403-080		CAP, ELECT 3.3-50V<LH>
C183	87-010-387-080		CAP, ELECT 470-25 M<EXCEPT LH>
C184	87-010-403-080		CAP, ELECT 3.3-50 M<EXCEPT LH>
C185	87-A11-148-080		CAP, TC U 0.1-50 Z F<EZ,K,V>
⚠ CN1	87-A61-110-010		CONN,9P V TID-A<LH>
⚠ PT1	8A-NF9-710-010		PT,ANF-9U VA<U>
⚠ PT1	8A-NF9-713-010		PT,ANF-9EZK VA<EZ,K,V>
⚠ PT1	8A-NF9-711-010		PT,ANF-9H-LOW VA<LH>
⚠ PT2	8A-NF8-673-010		PT,SUB ANF-8 (H)KAMI<LH>
⚠ PT181	8A-NF8-661-010		PT,SUB ANF-8 (U)<U>
⚠ PT181	8A-NF8-662-010		PT,SUB ANF-8 (E)<EZ,K,V>
⚠ RY1	87-A91-339-010		RELAY,AC DC12V G5PA-2<LH>
⚠ RY181	87-A91-418-010		RELAY,AC12V G5PA-1-M<U,EZ,K,V>
⚠ S1	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>
⚠ T181	87-A60-317-010		TERMINAL, 1P MSC<U,EZ,K,V>
⚠ T182	87-A60-317-010		TERMINAL, 1P MSC<U,EZ,K,V>
WH181	87-A90-510-010		HLDR,WIRE 2.5-9P<U,EZ,K,V>

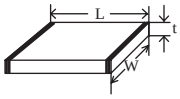
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
DECK C.B			
CN1	87-099-753-010		CONN,11P 9604
SFR1	87-024-581-010		SFR,3.3K DIA 6H
SOL1	82-ZM1-618-410		SOL ASSY, 27
SOL2	82-ZM1-618-410		SOL ASSY, 27
SW1	87-A90-673-010		SW,MICRO ESE11SH1C
SW2	87-A91-500-010		SW,MICRO MPU11470MLB0
SW3	87-A91-500-010		SW,MICRO MPU11470MLB0
SW4	87-A91-500-010		SW,MICRO MPU11470MLB0
SW5	87-A90-673-010		SW,MICRO ESE11SH1C

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

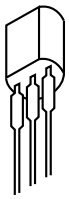
チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding



チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm) 外形／Form	L	W	t	抵抗コード Resistor Code : A
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION



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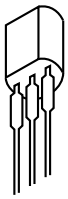
CSA952K
KTA1266GR
KTC3198GR
KTC3199GR

2SC5343G
CC5551

2SA1981Y



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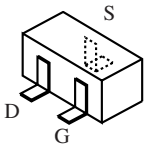

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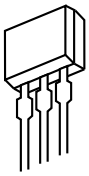

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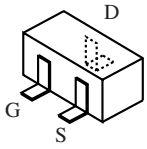
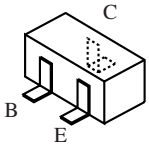
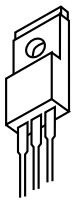


2SK2158



2SA1235F	DTC114EKA
2SC2714(O)	DTC114ES
2SC3052F	KRC102S-RTK
CMBT5401	KRC104S
CMBT5551	RT1P141C
CSD1306E	RT1P144C



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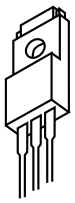
2SB1686
2SD2642

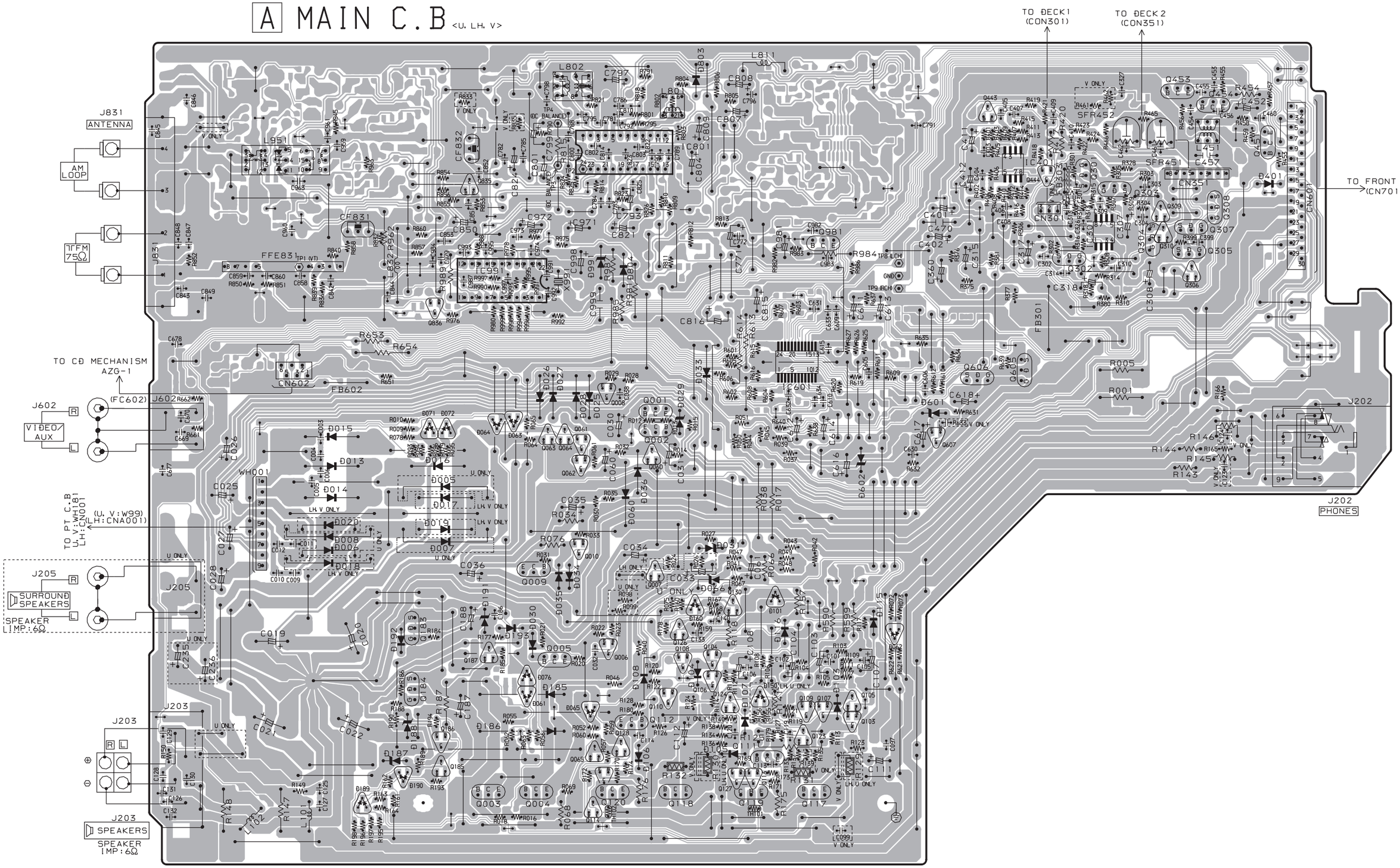


2SK2937

32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H I J K L M N O P Q R S T U

A MAIN C.B <U, LH, V>



32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H I J K L M N O P Q R S T U

A MAIN C.B <EZ, K>

J832 ANTENNA

MW/LW LOOP

FM 75Ω (COAXIAL)

TO CD MECHANISM AZG-1

J602 R VIDEO/ AUX L

J203 R L SPEAKERS SPEAKER IMP : 6Ω

TO PT C.B WH181

W99

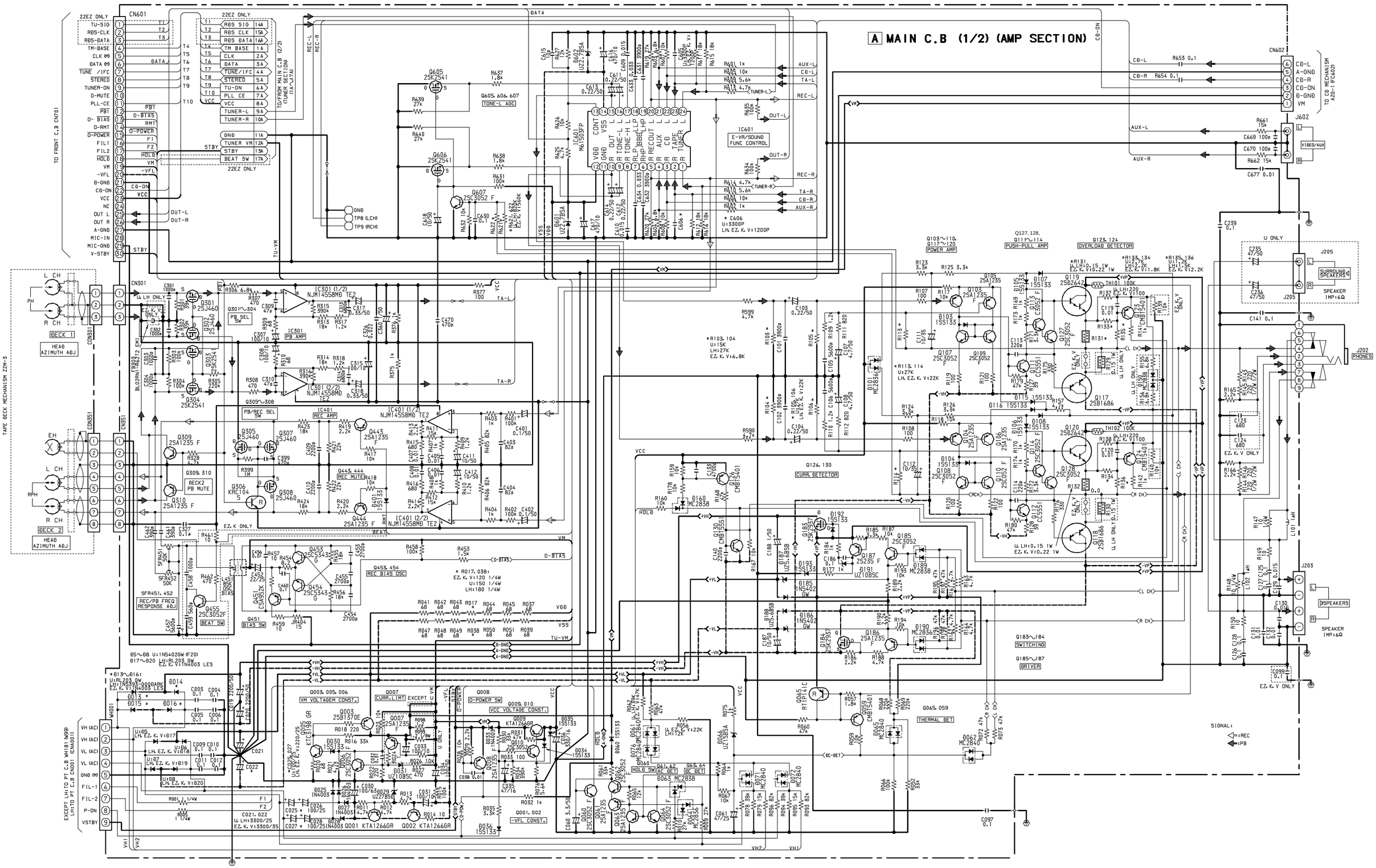
TO DECK1 (CON301)

TO DECK2 (CON351)

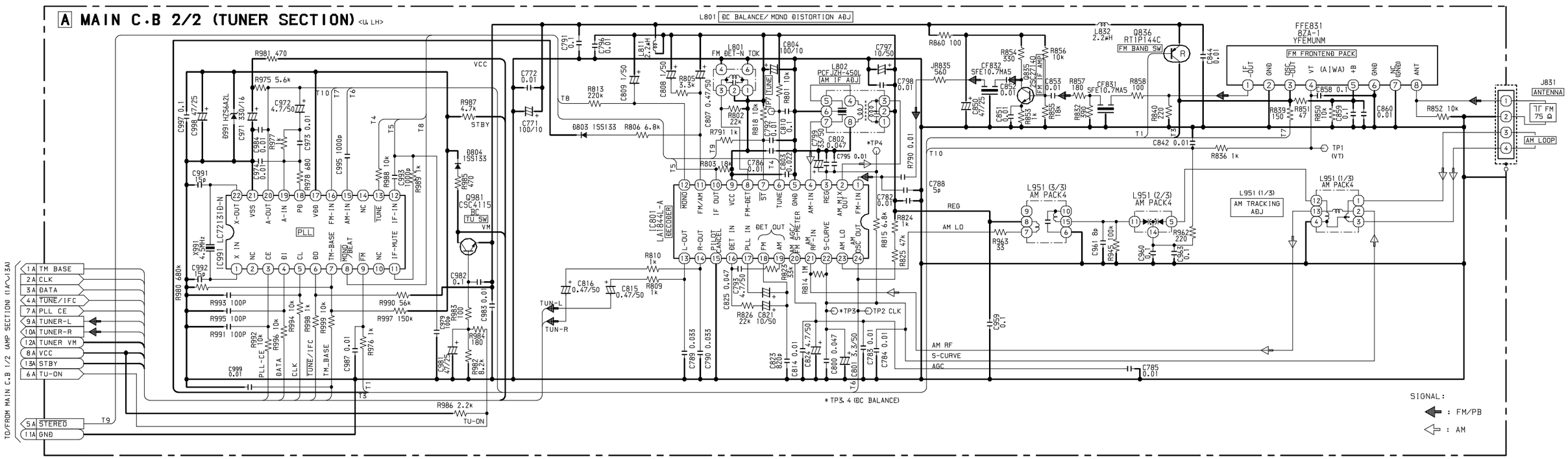
TO FRONT C.B (CN701)

J202 PHONES

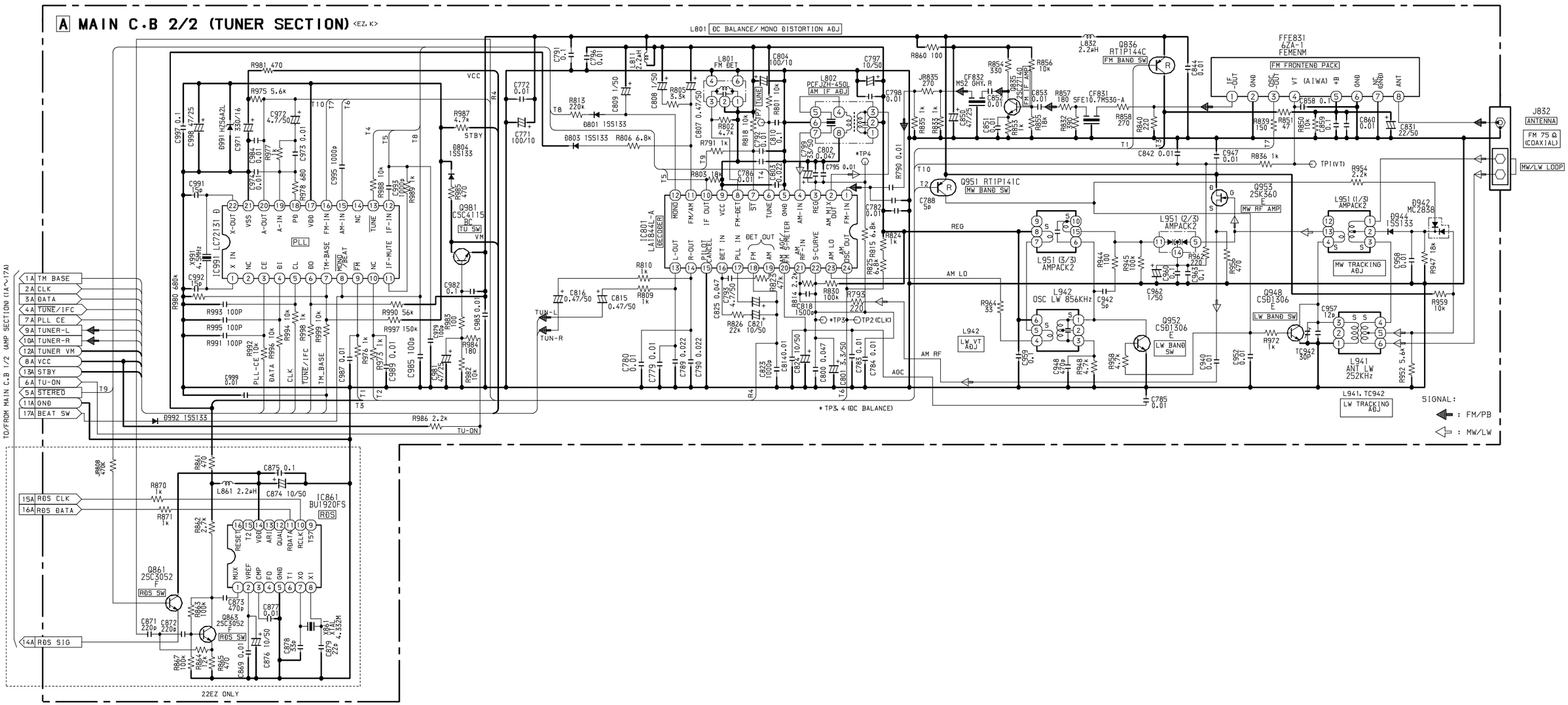
SCHEMATIC DIAGRAM – 1 (MAIN 1 / 2 : AMP)



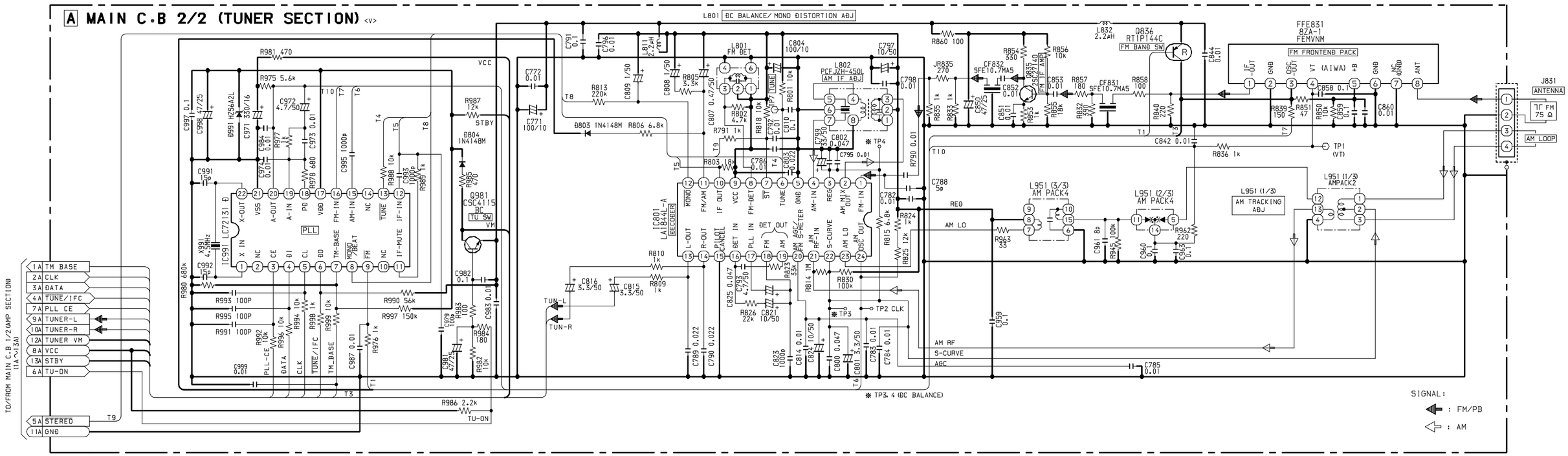
SCHEMATIC DIAGRAM – 2 (MAIN 2 / 2 : TUNER) <U,LH>



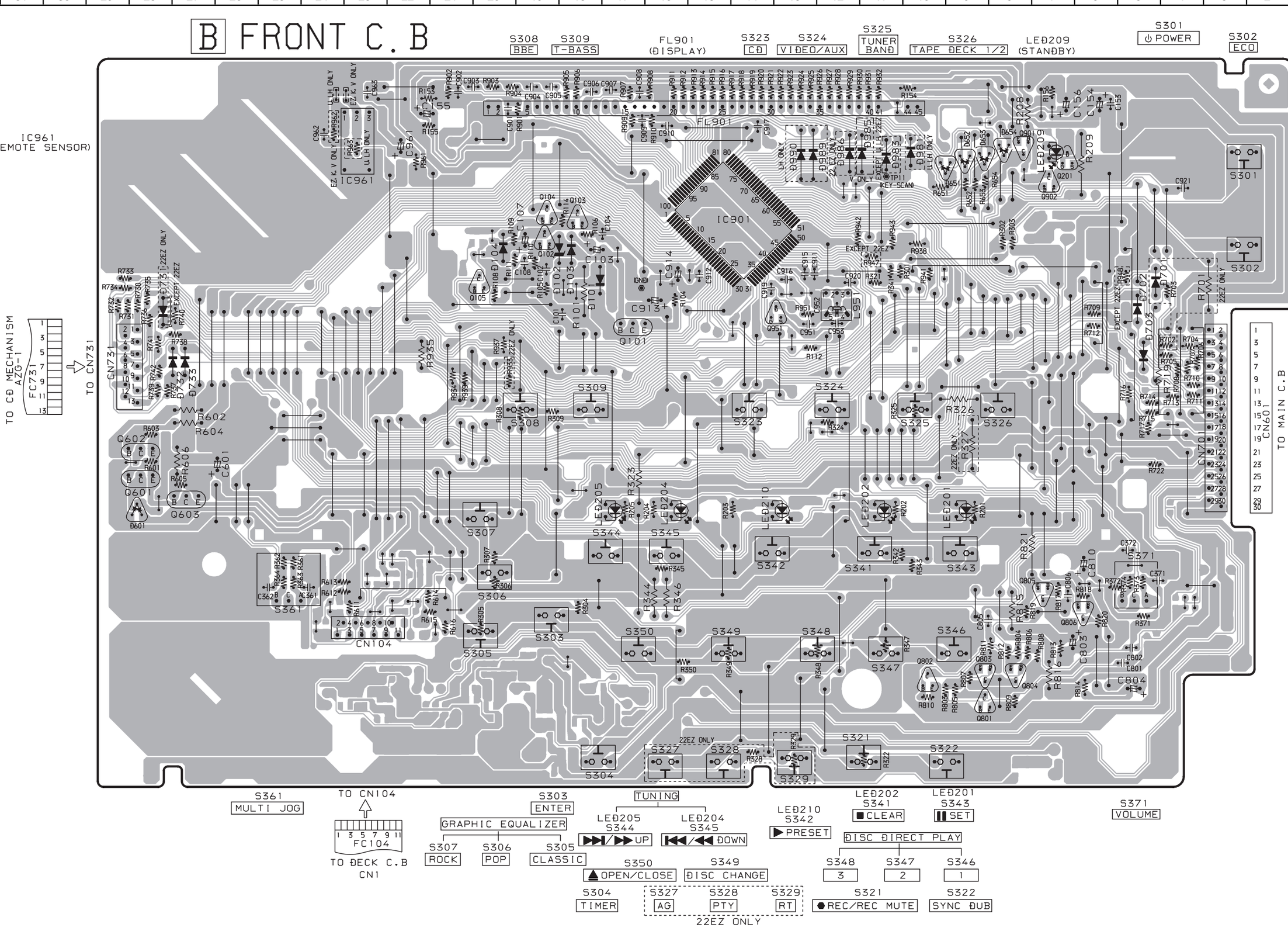
SCHEMATIC DIAGRAM – 3 (MAIN 2/2 : TUNER) <EZ,K>



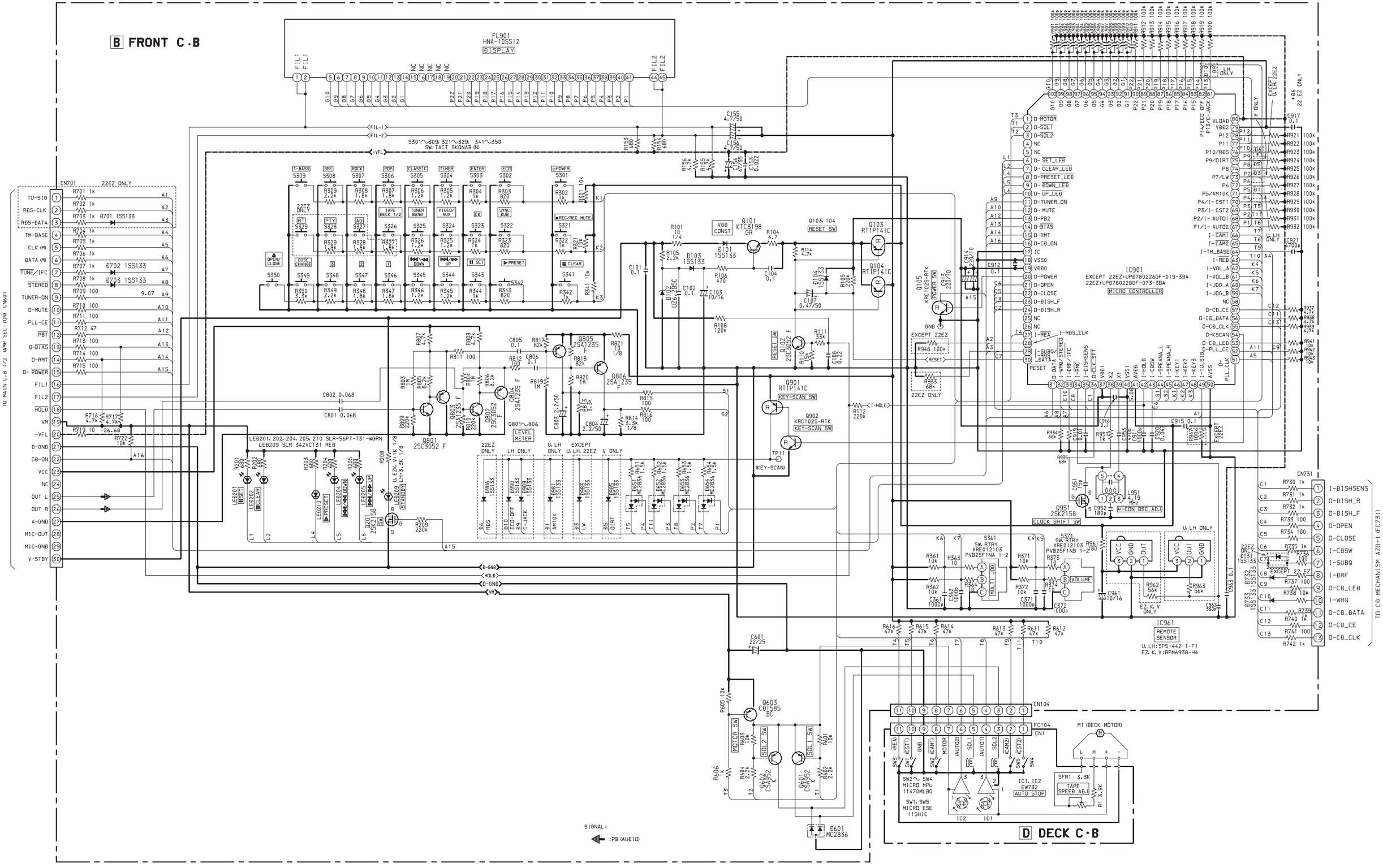
SCHEMATIC DIAGRAM – 4 (MAIN 2/2 : TUNER) <V>

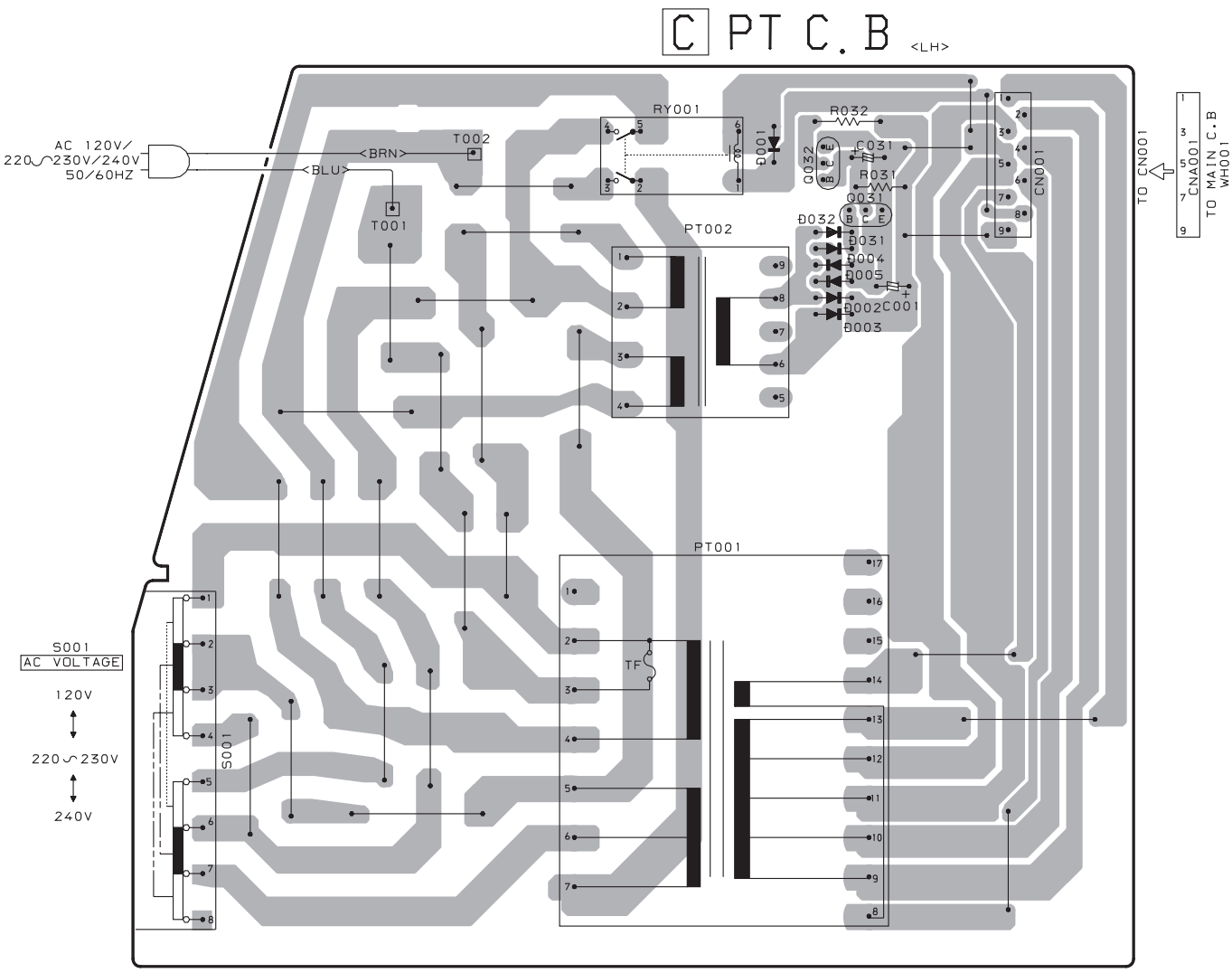


B FRONT C.B

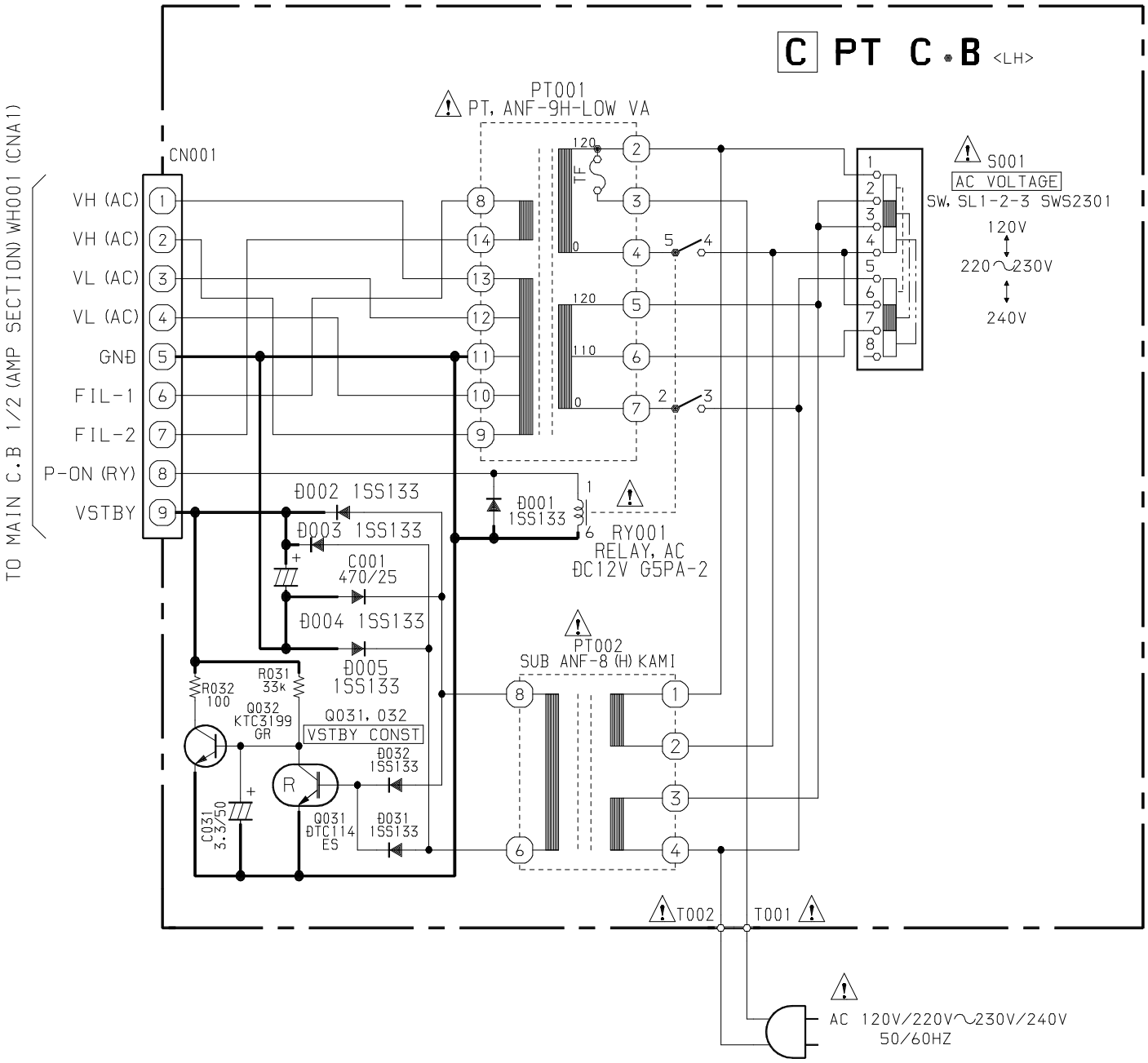

S308 BBE
S309 T-BASS
FL901 (DISPLAY)
S323 CD
S324 VIDEO/AUX
S325 TUNER BAND
S326 TAPE DECK 1/2
LED209 (STANDBY)
S301 POWER
S302 ECO
IC961 (REMOTE SENSOR)
IC901
FL901
TO CD MECHANISM AZG-1
FC731
TO CN731
CN731
TO MAIN C.B
CN601
CN104
TO CN104
FC104
TO DECK C.B
CN1
S361 MULTI JOG
S303 ENTER
GRAPHIC EQUALIZER
S307 ROCK
S306 POP
S305 CLASSIC
TUNING
LED205 S344 UP
LED204 S345 DOWN
S350 OPEN/CLOSE
S349 DISC CHANGE
S304 TIMER
S327 AG
S328 PTY
S329 RT
22EZ ONLY
LED210 S342 PRESET
LED202 S341 CLEAR
LED201 S343 SET
DISC DIRECT PLAY
S348 3
S347 2
S346 1
S321 REC/REC MUTE
S322 SYNC DUB
S371 VOLUME
KEY-SCAN
EXCEPT 22EZ
22EZ ONLY

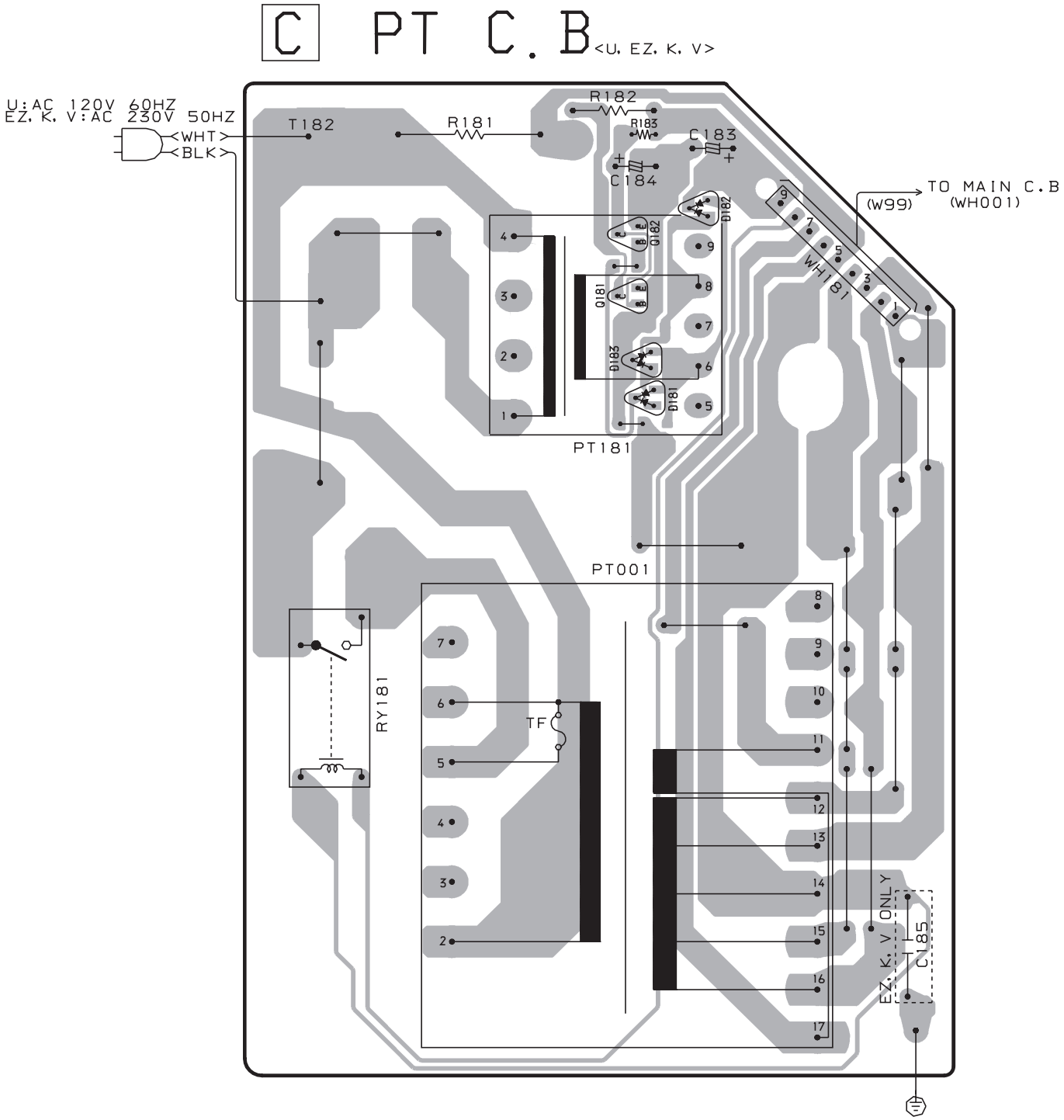
SCHEMATIC DIAGRAM – 5 (FRONT)



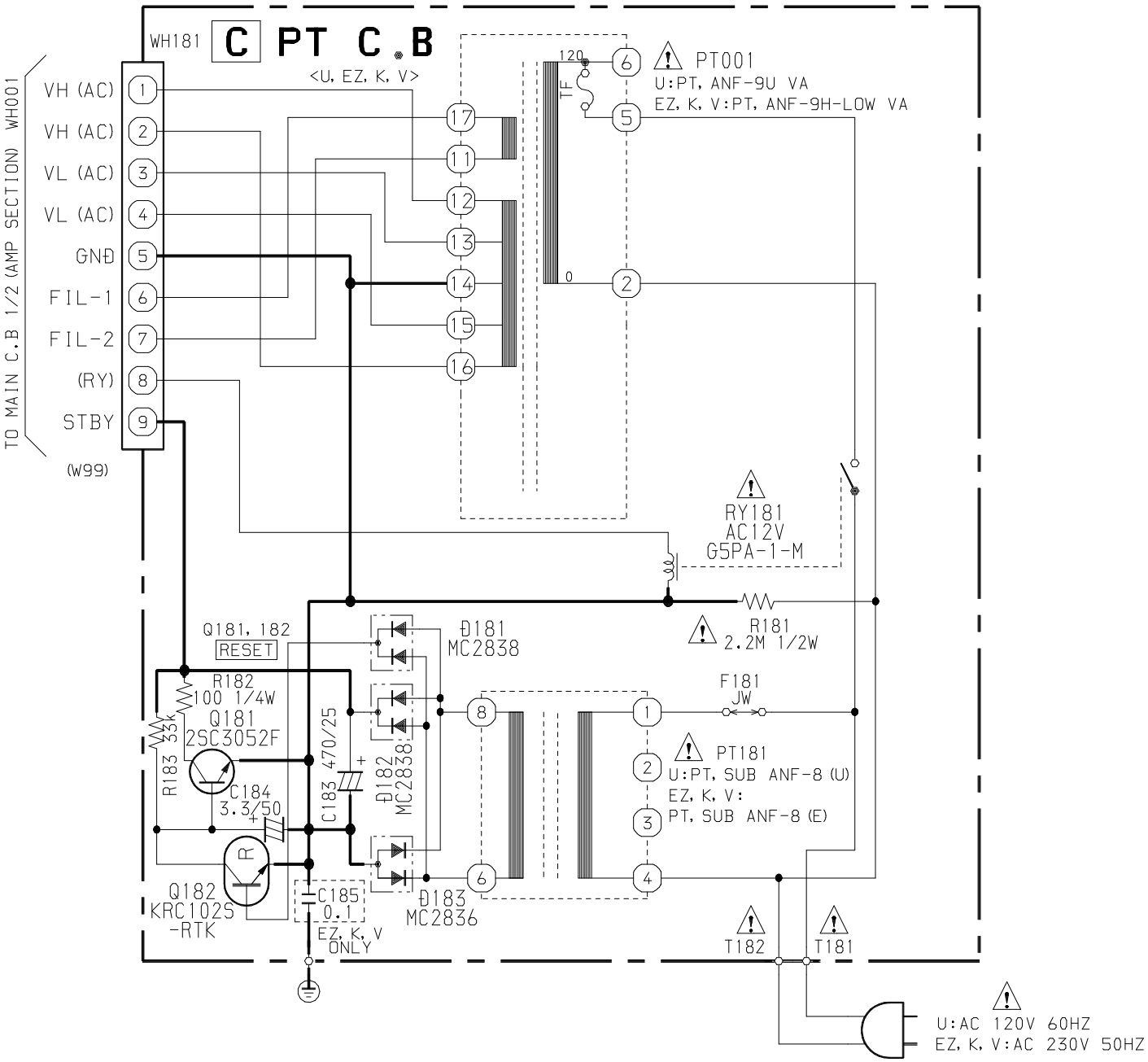

C PT C.B <LH>
AC 120V/
220~230V/240V
50/60HZ
<BRN>
<BLU>
T002
T001
RY001
D001
R032
C031
R031
Q031
Q032
D032
D031
D004
D005
D002
D003
C001
PT002
PT001
TF
CN001
TO CN001
CNA001
TO MAIN C.B
WH001
S001
AC VOLTAGE
120V
220~230V
240V

SCHEMATIC DIAGRAM – 6 (PT) <LH>



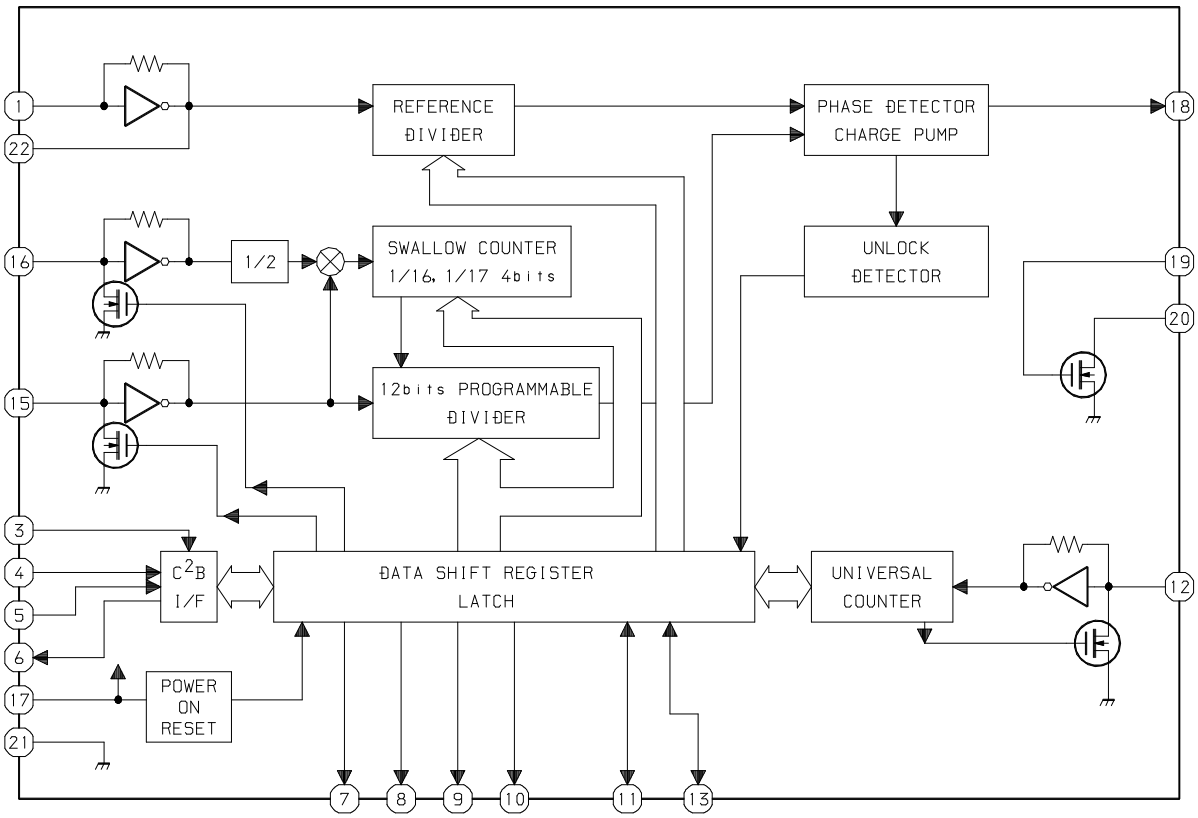

C PT C.B <U. EZ. K. V>
U:AC 120V 60HZ
EZ. K. V:AC 230V 50HZ
WHT
BLK
T182
R181
R182
R183
C183
C184
TO MAIN C.B
(W99)
(WH001)
WH181
D182
Q182
Q181
D183
D181
PT181
PT001
RY181
TF
EZ. K. V ONLY
C185

SCHEMATIC DIAGRAM – 7 (PT) <U,EZ,K,V>



IC BLOCK DIAGRAM

IC, LC72131Đ-N



ADJUSTMENT <TUNER / DECK / FRONT>

< TUNER SECTION >

1. Clock Frequency Check
   Settings : • Test point : TP2 (CLK)
   Method : Set to AM 1710kHz(U,LH), MW 1602kHz(EZ,K), AM 1602kHz(V) and check that the test point is 2160kHz ± 45Hz(U,LH), 2052kHz ± 45Hz(EZ,K,V).

2. AM(MW) VT Check
   Settings : • Test point : TP1 (VT)
   Method : Set to AM 1710kHz(U,LH), MW 1602kHz(EZ,K), AM 1602kHz(V) and check that the test point is less than 8.5V(U,LH), less than 8.0V(EZ,K,V). Then set to AM 530kHz(U,LH), MW 531kHz(EZ,K), AM 531kHz(V) and check that the test point is more than 0.6V.

3. LW VT Adjustment <EZ,K>
   Settings : • Test point : TP1 (VT)
   • Adjustment location : L942
   Method : Set to LW 144kHz and adjust L942 so that the test point becomes 1.3V ± 0.05V. Then set to LW 290kHz and check that the test point is less than 8.0V.

4. FM VT Check
   Settings : • Test point : TP1 (VT)
   Method : U,LH,EZ,K:
   Set to FM 87.5MHz, 108.0MHz and check that the test point is more than 0.5V (87.5MHz) and less than 8.0V (108.0MHz).
   V:
   Set to FM 65.0MHz, 108.0MHz and check that the test point is more than 1.0V (65.0MHz) and less than 9.5V (108.0MHz).

5. AM(MW) Tracking Adjustment
   Settings : • Test point : TP8(Lch), TP9(Rch)
   • Adjustment location : L951(1/3)
   Method : Set to AM 1000kHz(U,LH), MW 999kHz(EZ,K), AM 999kHz(V) and adjust L951(1/3) to MAX.

6. LW Tracking Adjustment <EZ,K>
   Settings : • Test point : TP8(Lch), TP9(Rch)
   • Adjustment location :
   L941 .....144kHz
   TC942 .....290kHz
   Method : Set up TC942 to center before adjustment.
   Adjust L941 so that the level at 144kHz becomes maximum. Then adjust TC942 so that the level at 290kHz becomes maximum.

7. FM Tracking Check
   Settings : • Test point : TP8(Lch), TP9(Rch)
   Method : Set to FM 98.0MHz and check that the test point is less than 9dBµV(U,LH), less than13dBµV(EZ,K) and less than 8dBµV(V).

8. AM IF Adjustment
   Settings : • Test point : TP8(Lch), TP9(Rch)
   • Adjustment location :
   L802 ..... .450kHz

9. DC Balance / Mono Distortion Adjustment
   Settings : • Test point : TP3, TP4 (DC Balance)
   TP8(Lch), TP9(Rch) (Distortion)
   • Adjustment location : L801
   • Input level : 60dBµV
   Method : Set to FM 98.0MHz and adjust L801 so that the voltage between TP3 and TP4 becomes 0V ± 300mV.
   Next, check that the distortion is less than 1.3%.

< DECK SECTION >

10. Tape Speed Adjustment (DECK 2)
    Settings : • Test tape : TTA–100
    • Test point : TP8(Lch), TP9(Rch)
    • Adjustment location : SFR1
    Method : Play back the test tape and adjust SFR1 so that the frequency counter reads 3000Hz ± 5Hz (FWD) and FWD SPEED ± 45Hz (REV).

11. Head Azimuth Adjustment (DECK 1, DECK 2)
    Settings : • Test tape : TTA–330
    • Test point : TP8(Lch), TP9(Rch)
    • Adjustment location : Azimuth adjustment screw
    Method : Play back (FWD) the 8kHz signal of the test tape and adjust screw so that the output becomes maximum.
    Next, perform on REV PLAY mode.

12. PB Frequency Response Check (DECK 1, DECK 2)
    Settings : • Test tape : TTA–330
    • Test point :TP8(Lch), TP9(Rch)
    Method : Play back the 315Hz and 8kHz signals of the test tape and check that the output ratio of the 8kHz signal with respect to that of the 315Hz signal is within 5.0dB.

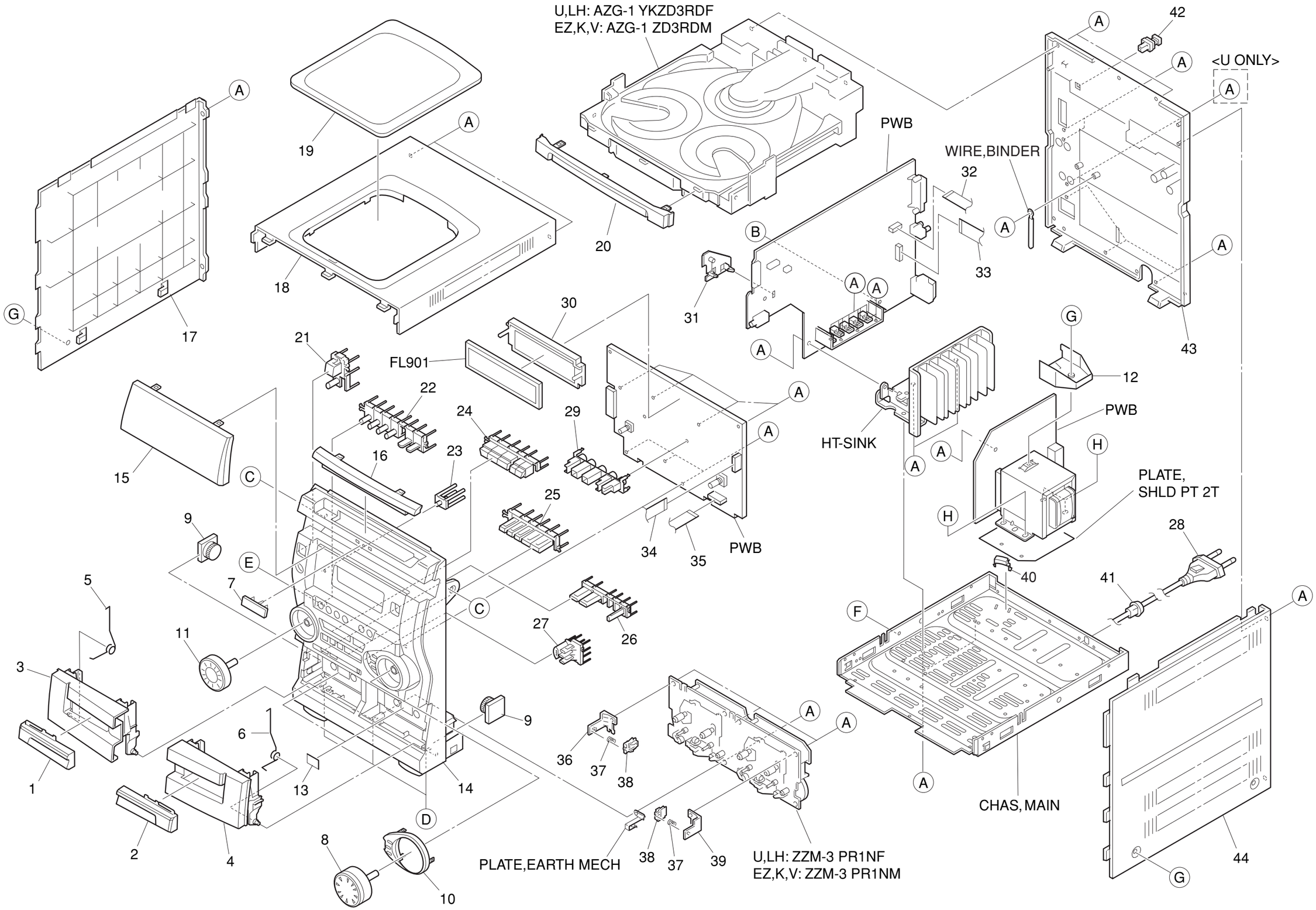
13. PB Sensitivity Check (DECK 1, DECK 2)
    Settings : • Test tape : TTA–200
    • Test point : TP8(Lch), TP9(Rch)
    Method : Play back the test tape and check that the output level of the test point is 110mV ± 3.0dB.

14. REC/PB Frequency Response Adjustment (DECK 2)
    Settings : • Test tape : TTA–602
    • Test point : TP8(Lch), TP9(Rch)
    • Input signal : 1kHz / 8kHz (LINE IN)
    • Adjustment location : SFR451 (Lch)
    SFR452 (Rch)
    Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP8, TP9 becomes -20VU (-26dBV). Record and play back the 1kHz and 8kHz signals and adjust SFRs so that the output of the 8kHz signals becomes -1.5dB ± 0.5dB<U>, 0dB ± 0.5dB<except U>, with respect to that of the 1kHz signal.

15. REC/PB Sensitivity Check (DECK 2)
    Settings : • Test tape : TTA–602
    • Test point : TP8(Lch), TP9(Rch)
    • Input signal : 1kHz (LINE IN)
    Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at TP8, TP9 becomes 0VU (-6dBV). Record and play back the 1kHz signals and check that the output is -1dB ± 3.5dB.

< FRONT SECTION >

16. µ-CON OSC Adjustment
    Settings : • Test point : TP11 (KEY-SCAN), (GND)
    • Adjustment location : L951
    Method : Connect a frequency counter across TP11 (KEY-SCAN) and GND. Insert AC plug while pressing POWER key and TUNER function key. Then adjust L951 so that the test point becomes 92.470Hz ± 0.092Hz. To manual reset press POWER key while pressing CLEAR key.


U,LH: AZG-1 YKZD3RDF
EZ,K,V: AZG-1 ZD3RDM
<U ONLY>
PWB
WIRE,BINDER
HT-SINK
PLATE,
SHLD PT 2T
FL901
PLATE,EARTH MECH
U,LH: ZZM-3 PR1NF
EZ,K,V: ZZM-3 PR1NM
CHAS, MAIN
PWB

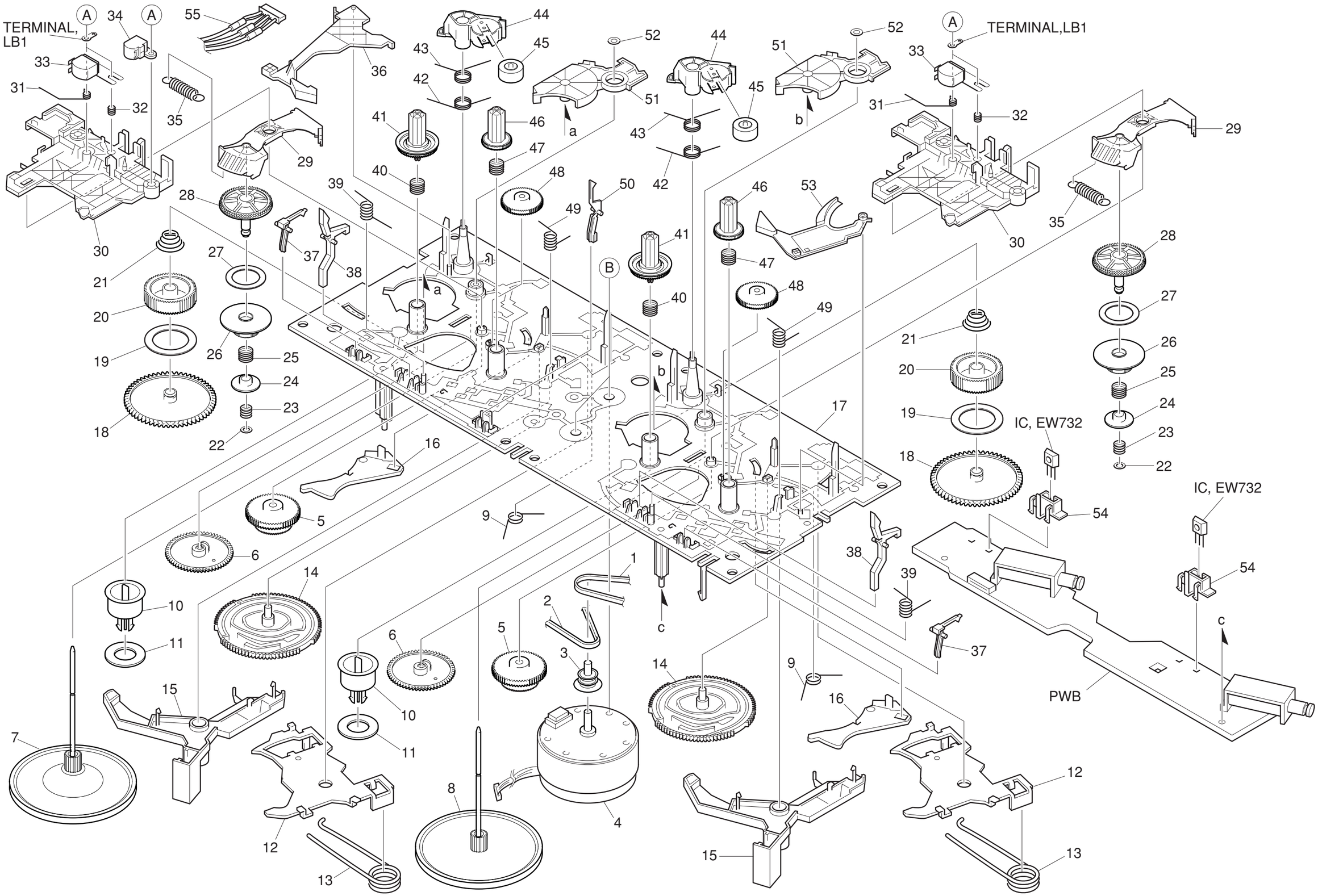
MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NF9-006-010		WINDOW,CASS 1<EXCEPT 27EZ>
1	8A-NF9-085-010		WINDOW,CASS 1 B<27EZ>
2	8A-NF9-007-010		WINDOW,CASS 2<EXCEPT 27EZ>
2	8A-NF9-086-010		WINDOW,CASS 2 B<27EZ>
3	8A-NF9-003-010		BOX,CASS 1<EXCEPT 27EZ>
3	8A-NF9-082-010		BOX,CASS 1 B<27EZ>
4	8A-NF9-004-010		BOX,CASS 2<EXCEPT 27EZ>
4	8A-NF9-083-010		BOX,CASS 2 B<27EZ>
5	8A-NF8-207-010		SPR-T,EJECT 1
6	8A-NF8-208-010		SPR-T,EJECT 2
7	87-CE3-023-010		BADGE,AIWA 30N SILV
8	8A-NF9-018-010		KNOB,RTRY JOG
9	8A-NF8-209-010		OIL-DMPR,120
10	8A-NF9-017-010		PANEL,JOG
11	8A-NF9-016-010		KNOB,RTRY VOL
12	8A-NF9-211-010		HLDR,PWB PT HI
13	81-532-080-010		LABEL, CASS. COMPT
14	8A-NF9-049-010		CABI,FR EZ R<22EZ>
14	8A-NF9-081-010		CABI,FR EZB<27EZ
14	8A-NF9-001-010		CABI,FR U<EXCEPT 22EZ,27EZ>
15	8A-NF9-103-010		WINDOW,DISP EZ NDR1<NDR1>
15	8A-NF9-044-010		WINDOW,DISP EZ RDS<22EZ>
15	8A-NF9-084-010		WINDOW,DISP EZB Z27<27EZ>
15	8A-NF9-052-010		WINDOW,DISP LH<LH,V,20EZ,K>
15	8A-NF9-005-010		WINDOW,DISP U<U>
16	8A-NF9-039-010		WINDOW,CD<EXCEPT 27EZ>
16	8A-NF9-089-010		WINDOW,CD B<27EZ>
17	8A-NF8-007-010		PANEL,LEFT V-2<EXCEPT 27EZ>
17	8A-NF9-092-010		PANEL,LEFT V-2 B<27EZ>
18	8A-NF8-005-010		PANEL,TOP<EXCEPT 27EZ>
18	8A-NF9-090-010		PANEL,TOP B<27EZ>
19	8A-NF8-006-010		WINDOW,TOP<EXCEPT 27EZ>
19	8A-NF9-091-010		WINDOW,TOP B<27EZ>
20	8A-NF9-014-010		PANEL,TRAY<EXCEPT 27EZ>
20	8A-NF9-088-010		PANEL,TRAY B<27EZ>
21	8A-NF9-008-010		KEY,POWER<EXCEPT 27EZ>
21	8A-NF9-087-010		KEY,POWER B<27EZ>
22	8A-NF9-009-010		KEY,FUN
23	8A-NF9-022-010		REFLECTOR,ECO
24	8A-NF9-010-110		KEY,ASSY OPE 1 WAY
25	8A-NF9-020-110		KEY,CD
26	8A-NF9-050-010		KEY,RDS<22EZ>
26	8A-NF9-019-010		KEY,SYNC<EXCEPT 22EZ>
27	8A-NF9-026-110		KEY,ENTER
⚠ 28	87-A80-157-010		AC CORD ASSY,E BLK CC<EXCEPT U>
⚠ 28	87-A80-110-010		AC CORD ASSY,U SPT-2W<U>
29	8A-NF9-201-010		GUIDE,OPE 1 WAY
30	82-NF7-210-110		GUIDE,FL (*)
31	8A-NF8-206-010		HLDR,PWB M
32	88-906-251-110		FF-CABLE,6P 1.25(RVS-FACE)
33	8A-NF9-609-010		F-CABLE,9P 2.5 480MM<EXCEPT LH>
34	88-913-301-110		FF-CABLE,13P-1.25
35	88-911-101-110		FF-CABLE,11P 1.25
36	87-NF4-216-010		HLDR,LOCK 1
37	86-NF9-224-010		SPR-C,LOCK
38	82-NF5-229-010		PLATE,LOCK
39	87-NF4-217-110		HLDR,LOCK 2
40	87-NF4-221-010		HLDR,CABLE
41	87-085-185-010		BUSHING, AC CORD (E)<EXCEPT U>
41	87-A91-422-010		BUSHING,AC CORD(U)<U>
42	84-ZG1-245-210		CAP,OPTICAL
43	8A-NF9-031-110		CABI,REAR EZSE R<EZ>
43	8A-NF9-063-010		CABI,REAR KSM<K>
43	8A-NF9-056-110		CABI,REAR LHSFD<LH>
43	8A-NF9-057-110		CABI,REAR USFD<U>
43	8A-NF9-036-110		CABI,REAR VJSM<V>
44	8A-NF8-008-010		PANEL,RIGHT V-2<EXCEPT 27EZ>
44	8A-NF9-093-010		PANEL,RIGHT V-2 B<27EZ>
A	87-067-703-010		TAPPING SCREW, BVT2+3-10
B	87-NF4-224-010		S-SCREW,IT3B+3-8 CU
C	87-721-097-410		QT2+3-12 GLD
D	87-067-689-010		TAPPING SCREW, BVTT+3-8
E	87-723-096-410		QT2+3-10W/O SLOT BL
F	87-721-096-410		QT2+3-10 GLD
G	87-067-641-010		UTT2+3-8(W/O SLOT)BL
H	87-078-200-010		S-SCREW,ITC+4-8 R

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange	PT	Transparent Pink
LA	Aqua Blue	GL	Light Green		

TAPE MECHANISM EXPLODED VIEW 1 / 1



TAPE MECHANISM PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8Z-ZM3-227-010		BELT,MAIN M3
2	8Z-ZM3-235-010		BELT,MAIN L
3	8Z-ZM1-235-010		PULLEY,MOT
4	87-045-347-010		MOT,SHU2L 70
5	8Z-ZM1-232-010		GEAR,IDL FF/REW
6	8Z-ZM3-244-010		GEAR,CAM TD20
7	8Z-ZM3-256-010		FLY-WHL ASSY,M3 R
8	8Z-ZM3-255-010		FLY-WHL ASSY,M3 L
9	8Z-ZM3-231-010		SPR-T,TRIG
10	8Z-ZM3-213-010		CLR,MG
11	82-ZM3-616-010		RING MAGNET 4
12	8Z-ZM3-243-010		LEVER ASSY,HD UP
13	8Z-ZM3-238-010		SPR-T,HD UP
14	8Z-ZM3-219-010		GEAR,CAM M3
15	8Z-ZM3-206-010		LEVER,TRIG
16	8Z-ZM3-209-010		LEVER,CAM FR
17	8Z-ZM3-203-010		CHAS ASSY,M3
18	8Z-ZM1-228-010		GEAR,SLIP T-UP B
19	8Z-ZM1-265-010		FELT,T-UP
20	8Z-ZM1-227-010		GEAR,SLIP T-UP A
21	8Z-ZM1-251-110		SPR-C,T-UP SLIP
22	8Z-ZM1-275-010		W-L,1,47-4-0.25
23	8Z-ZM1-257-010		SPR-C,F/R
24	8Z-ZM1-236-010		CLR,SLIP FF/REW
25	8Z-ZM3-226-010		SPR-C,FR M3
26	8Z-ZM3-250-010		GEAR,SLIP F/R A M3
27	8Z-ZM1-269-010		FELT,FF/REW 2
28	8Z-ZM1-238-110		GEAR,SLIP FF/REW B 2
29	8Z-ZM3-220-010		LEVER,FR M3
30	8Z-ZM3-205-010		LEVER,PLAY M3
31	8Z-ZM3-233-010		SPR-T,BRG M3
32	84-ZM2-227-310		SPR-C,AZIMUTH
33	87-A90-403-110		HEAD,RPH MS15R
34	87-A90-404-010		HEAD,EH LE15B
35	8Z-ZM3-239-010		SPR-E,FR
36	8Z-ZM3-211-010		LEVER,EJECT R
37	8Z-ZM3-225-010		LEVER,STOP
38	8Z-ZM3-221-010		LEVER,CAS
39	8Z-ZM3-234-010		SPR-T,LVR CAS
40	8Z-ZM3-223-010		SPR-C,REEL R M3
41	8Z-ZM1-225-110		GEAR,REEL R
42	8Z-ZM3-240-010		SPR-T,T-UP M3
43	8Z-ZM3-237-010		SPR-T,PINCH M3
44	8Z-ZM3-215-010		LEVER,PINCH M3
45	8Z-ZM1-261-110		ROLLER ASSY,PINCH
46	8Z-ZM1-226-010		GEAR,REEL L
47	8Z-ZM3-222-010		SPR-C,REEL L M3
48	8Z-ZM3-251-010		GEAR,IDL REW M3
49	8Z-ZM3-236-010		SPR-T,PLAY M3
50	82-ZM1-240-110		LVR,REC(*)
51	8Z-ZM3-216-010		LEVER,T-UP M3
52	87-B10-301-010		W-L,1.63-3.2-05 SLIT
53	8Z-ZM3-212-010		LEVER,EJECT L
54	8Z-ZM3-214-010		HLDR,IC
55	86-ZM3-605-110		CONN ASSY,8P -RPB
A	84-ZM2-242-010		S-SCREW,AZ1-2-6.4
B	8Z-ZM2-220-110		V+2.6 ZZM-2

SPEAKER PARTS LIST
SX-NAJ22(YUSL,YUSC),
SX-NSZ20 (YBC9,YBY1,YBY2,YSC,YSL,YSC9,YSY1,YSY2),
SX-NSZ22 (YLSL,YLSC,YJSC,YJSC9,YSC,YSC9,YSY1,YSY2)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NSK-001-010		PANEL,FR<EXCEPT YBC9,YBY1,YBY2>
2	8A-NSK-003-010		GRILLE,FRAME ASSY<EXCEPT 22YSC>
2	8A-NSK-031-010		GRILLE,FRAME ASSY<22YSC>
3	8A-NSK-007-010		PROTECTOR,TWA
4	8A-NSK-602-010		SPKR,W 140<EXCEPT 20YSC,22YJSC,22YLSC,22YUSC,22YSC,22YSC9>
4	8A-NSJ-602-010		SPKR,W 130<20YSC,22YJSC,22YLSC,22YSC,22YSC9>
4	8A-NSK-608-010		SPKR,W 130<22YUSC>
5	88-NS5-605-010		SPKR,T 60<EXCEPT 20YSC,22YJSC,22YLSC,22YUSC,22YSC,22YSC9>
5	8A-NSK-604-010		SPKR,TW 60<20YSC,22YJSC,22YLSC,22YSC,22YSC9>
5	8A-NSK-610-010		SPKR,TW 60<22YUSC>
6	87-NSH-612-010		SPKR,CERAMIC ASSY
7	87-NS7-611-010		CORD,SPKR

ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NF9-903-110		IB,U(ESF)M<U>
1	8A-NF9-902-110		IB,LH(ESP)M<LH>
1	8A-NF9-926-010		IB,EZ(9L)M<20EZ,27EZ,NDR1>
1	8A-NF9-927-010		IB,EZ(9L)M SZ22(RDS)<22EZ>
1	8A-NF9-905-010		IB,K(E)E<K>
1	8A-NF9-907-210		IB,V(ER)M<V>
2	87-043-115-010		FEEDER-ANT FM<U,LH,V>
2	87-A90-118-010		ANT,WIRE FM(Z)<EZ,K>
3	87-006-268-010		ANT LOOP AM<U,LH>
3	87-006-225-010		AM,LOOP ANT NC2<EZ,K,V>
4	8Z-NF9-701-210		RC UNIT,ZAS02<EXCEPT 27EZ>
4	8Z-NF9-703-110		RC UNIT,ZAS17<27EZ>
⚠ 5	87-A91-017-010		PLUG CONVERSION, JT-0476<LH>

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