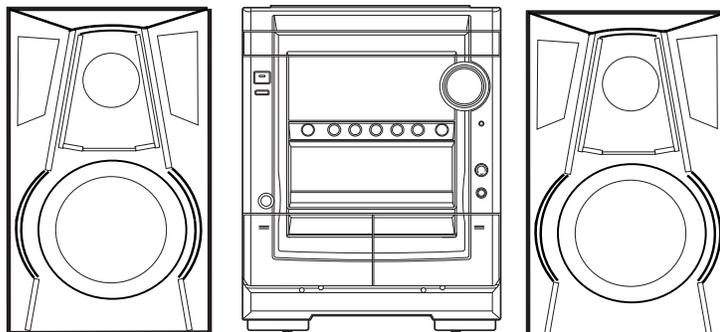




# NSX-SZ702 EZ

# NSX-SZ705 HS,HT

# NSX-SZ708 HA



# SERVICE MANUAL

COMPACT DISC  
STEREO SYSTEM

BASIC TAPE MECHANISM : 2ZM-3MK2  
BASIC CD MECHANISM : BZG-5

SYSTEM	CD CASSEIVER	SPEAKER	TAPE MECHANISM	CD MECHANISM	REMOTE CONTROLLER
NSX-SZ702	CX-NSZ702	SX-WNSZ700	6ZM-3 PR4NM	BZG-5 ZD3NM	RC-BAS02
NSX-SZ705	CX-NSZ705	SX-WNSZ700	2ZM-3MK2 PR9NM		
NSX-SZ708	CX-NSZ708	SX-WNSZ703	2ZM-3MK2 YPR9NM	BZG-5 YZD3NCM	

- This Service Manual contains information about the difference between NSX-SZ702 <EZ> / NSX-SZ705 <HS,HT> / NSX-SZ708 <HA> and NSX-SZ705 <LH>. If requiring other information, see Service Manual of NSX-AJ700 <U> / NSX-SZ700 <LH> / NSX-SZ705 <LH>, (S/M Code No. 09-013-441-7R1).
- If requiring information about the CD mechanism, see Service Manual of BZG-5, (S/M Code No. 09-00C-353-3N2 / 09-00C-353-3N4).

**aiwa**  
S/M Code No. 09-01A-441-7S3

SUPPLEMENT  
DATA

# SPECIFICATIONS

## <FM tuner section>

**Tuning range** 87.5 MHz to 108 MHz  
**Usable sensitivity (IHF)** EZ ONLY: 16.8 dBf  
 EXCEPT EZ: 13.2 dBf  
**Antenna terminal** 75 ohms (unbalanced)

## <AM/MW tuner section>

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

## <SW tuner section> <HT ONLY>

**Tuning range** 5.730 MHz to 17.900 MHz  
**Usable sensitivity** 40 µV/m (IEC)  
**Antenna** Wire antenna

## <LW tuner section> <EZ ONLY>

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

## <Amplifier section>

**Power output** <HA>  
 Nominal: 112 W + 112 W (6 ohms,  
 T.H.D. 1 %, 1 kHz)  
 Reference: 140 W + 140 W  
 (6 ohms, T.H.D. 10 %, 1 kHz)  
 <HS>  
 Rated: 112 W + 112 W (6 ohms,  
 T.H.D. 1 %, 1 kHz)  
 Reference: 140 W + 140 W  
 (6 ohms, T.H.D. 10 %, 1 kHz)  
 <HT>  
 Rated: 104 W + 104 W (6 ohms,  
 T.H.D. 1 %, 1 kHz)  
 Reference: 130 W + 130 W (6 ohms,  
 T.H.D. 10 %, 1 kHz)  
 <EZ>  
 Rated: 72 W + 72 W (6 ohms,  
 T.H.D. 1 %, 1 kHz/DIN 45500)  
 Reference: 90 W + 90 W (6 ohms,  
 T.H.D. 10 %, 1 kHz/DIN 45324)  
 DIN MUSIC POWER: 200 W + 200 W  
**Total harmonic distortion** <HA,HS>  
 0.08 % (70 W, 1 kHz, 6 ohms,  
 DIN AUDIO)  
 <HT>  
 0.08 % (65 W, 1 kHz, 6 ohms,  
 DIN AUDIO)  
 <EZ>  
 0.08 % (45 W, 1 kHz, 6 ohms,  
 DIN AUDIO)  
**Input** EXCEPT EZ: VIDEO/AUX: 700 mV  
 EZ ONLY: VIDEO/AUX: 500 mV  
 EXCEPT EZ: MIC: 1.7 mV (10 kohms)  
**Outputs** Speakers: 6 ohms or more  
 Phones: 32 ohms or more

## <Compact disc player section>

**Laser** Semiconductor laser ( $\lambda = 780 \text{ nm}$ )  
**D/A converter** 1 bit dual  
**Signal-to-noise ratio** 85 dB (1 kHz, 0 dB)  
**Harmonic distortion** 0.05 % (1 kHz, 0 dB)

## <Cassette deck section>

**Track format** 4 tracks, 2 channels stereo  
**Frequency response** 50 Hz – 15 kHz  
**Recording system** AC bias  
**Heads** Deck 1: Playback x 1  
 Deck 2: Recording / Playback x 1,  
 erase x 1

## <General>

**Power requirements** HA,HT: 120 V / 220 – 230 V / 240 V AC,  
 (switchable), 50 / 60 Hz  
 HS: AC ~ 220 V, 60 Hz  
 EZ: 230 V AC, 50 Hz  
**Power consumption** HA,HT: 130 W  
 HS: 120 W  
 EZ: 115 W  
**Power consumption in standby mode**  
 With ECO mode on: 0.6 W  
 EZ ONLY: With ECO mode off: 20 W  
 EXCEPT EZ: With ECO mode off: 23 W  
**Dimensions (W x H x D)** 260 x 326 x 345 mm  
**Weight** EXCEPT EZ: 8.4 kg  
 EZ: 7.4 kg

## <Speaker system SX–WNSZ700> <EXCEPT HA>

**Speaker system** 3 way, built-in subwoofer  
 (magnetic shielded type)  
**Speaker units** Subwoofer:  
 160 mm cone type  
 Full range:  
 100 mm cone type  
 Super tweeter:  
 20 mm ceramic type  
**Impedance** 6 ohms  
**Dimensions (W x H x D)** 230 x 324 x 257 mm  
**Weight** 5.0 kg

## <Speaker system SX–WNSZ703> <HA ONLY>

**Speaker system** 3 way, built-in subwoofer  
 (magnetic shielded type)  
**Speaker units** Subwoofer:  
 160 mm cone type  
 Full range:  
 100 mm cone type  
 Super tweeter:  
 20 mm ceramic type  
**Impedance** 6 ohms  
**Dimensions (W x H x D)** 230 x 324 x 257 mm  
**Weight** 4.8 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	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C5	87-A12-317-080		C-CAP,U 0.1-50 Z F
	8B-NF7-631-130	C-IC,LC866560W-5V19		C6	87-A12-317-080		C-CAP,U 0.1-50 Z F
	87-A21-831-010	IC,SPS-422-1-F1		C9	87-010-759-080		C-CAP,U, 0.1-25F
	87-A21-419-040	C-IC,NJM14558MD-TE2		C10	87-010-759-080		C-CAP,U, 0.1-25F
	87-A21-893-040	C-IC,NJM14558V-TE2		C11	87-010-759-080		C-CAP,U, 0.1-25F
	87-A21-023-040	C-IC,BA3835F		C12	87-010-759-080		C-CAP,U, 0.1-25F
	87-A21-401-040	C-IC,M61503FP		C19	87-A12-383-000		CAP,E 3300-65 M 85 IV LELON<HA>
	87-A21-695-010	IC,LA1845L		C19	87-A12-828-000		CAP,E 3300-63 M 85 GS<HS,HT>
	87-A21-928-010	IC,LC72131D-N		C19	87-A12-831-000		CAP,E 2200-56 M 85 GS<EZ>
	87-A21-269-010	IC,EW732		C20	87-A12-383-000		CAP,E 3300-65 M 85 IV LELON<HA>
TRANSISTOR				C20	87-A12-828-000		CAP,E 3300-63 M 85 GS<HS,HT>
	87-A30-494-080	TR,2SA1980G		C20	87-A12-831-000		CAP,E 2200-56 M 85 GS<EZ>
	87-A30-559-010	TR,CSB1370EF		C21	87-A12-780-090		CAP,E 4700-35 M 85 SKR<*EZ>
	87-A30-076-080	C-TR,2SC3052F		C21	87-A12-825-000		CAP,E 3300-25 M 85 GS<EZ>
	87-A30-075-080	C-TR,2SA1235F		C22	87-A12-780-090		CAP,E 4700-35 M 85 SKR<*EZ>
	87-A30-484-080	C-TR,KRA102S		C22	87-A12-825-000		CAP,E 3300-25 M 85 GS<EZ>
	87-A30-190-080	TR,CC5551		C25	87-A12-072-080		CAP,E 100-25 SMG<EZ>
	87-A30-098-010	TR,FP1016		C26	87-A12-072-080		CAP,E 100-25 SMG<EZ>
	87-A30-097-010	TR,FN1016		C27	87-A12-072-080		CAP,E 100-25 SMG<EZ>
	87-026-609-080	TR,KTA1266GR		C28	87-A12-072-080		CAP,E 100-25 SMG<EZ>
	87-A30-087-080	C-FET,2SK2158		C30	87-010-430-080		CAP,E 100-63<EZ>
	87-A30-490-080	C-TR,KRC107S		C31	87-A12-062-080		CAP,E 100-10 SMG<EZ>
	87-A30-074-080	C-TR,RT1P 141C		C31	87-A12-091-080		CAP,E 10-50 SMG<*EZ>
	87-A30-162-010	FET,2SK2937		C32	87-012-286-080		CAP, U 0.01-25
	87-A30-582-080	TR,CDA1585BC		C34	87-A12-072-080		CAP,E 100-25 SMG
	87-A30-495-080	TR,2SA1981Y		C35	87-A12-071-080		CAP,E 47-25 SMG
	87-A30-091-080	FET,2SJ460		C36	87-A12-067-080		CAP,E 330-16 SMG
	87-A30-090-080	FET,2SK2541		C38	87-012-286-080		CAP, U 0.01-25
	87-A30-062-080	C-TR,KRC104S		C60	87-A12-089-080		CAP,E 3.3-50 SMG
	89-327-143-080	C-TR,2SC27140		C61	87-A12-071-080		CAP,E 47-25 SMG
	87-A30-489-080	C-TR,KRA107S		C83	87-A12-068-080		CAP,E 470-16 SMG<EZ>
	89-503-602-080	C-FET,2SK360E		C83	87-A12-074-080		CAP,E 470-25 SMG<*EZ>
	87-A30-520-080	TR,2SC5342Y		C97	87-010-831-080		C-CAP,U,0.1-16F
	87-A30-515-080	TR,2SA19790/Y		C101	87-012-279-080		C-CAP,U 2700P-50 B
	87-A30-234-080	TR,CSC4115BC		C102	87-012-279-080		C-CAP,U 2700P-50 B
	87-A30-216-080	TR,2SA933AS(R)		C103	87-A12-084-080		CAP,E 0.22-50 SMG
	87-A30-636-040	C-TR,SBT5551F		C104	87-A12-084-080		CAP,E 0.22-50 SMG
	87-A30-635-040	C-TR,SBT5401F		C107	87-A12-089-080		CAP,E 3.3-50 SMG
	87-A30-529-010	TR,2SD2642		C108	87-A12-089-080		CAP,E 3.3-50 SMG
	87-A30-528-010	TR,2SB1686		C109	87-012-195-080		C-CAP,U 100P-50 J CH<EZ>
	87-A30-086-040	C-TR,CSD1306E		C110	87-012-195-080		C-CAP,U 100P-50 J CH<EZ>
	87-026-610-080	TR,KTC3198GR		C111	87-A12-077-080		CAP,E 33-35 SMG
	87-A30-615-080	TR,STC250		C112	87-A12-077-080		CAP,E 33-35 SMG
DIODE				C113	87-A10-596-080		C-CAP,S 100P-100 J CH
	87-A40-393-090	DIODE,1N5402GW(F20)		C114	87-A10-596-080		C-CAP,S 100P-100 J CH
	87-A40-291-080	DIODE,1N4148M(CPT)		C117	87-A12-317-080		C-CAP,U 0.1-50 Z F
	87-A40-839-090	DIODE,G5SBA60L-6088		C118	87-A12-317-080		C-CAP,U 0.1-50 Z F
	87-A40-781-080	ZENER,UZ36BSA		C119	87-012-286-080		CAP, U 0.01-25
	87-A40-764-080	ZENER,UZ10BSC		C120	87-012-286-080		CAP, U 0.01-25
	87-A40-553-080	DIODE,1N4003 LES		C123	87-010-177-080		C-CAP,S 820P-50 SL
	87-A40-270-080	C-DIODE,MC2838		C124	87-010-177-080		C-CAP,S 820P-50 SL
	87-A40-269-080	C-DIODE,MC2836		C133	87-012-282-080		CAP, U 4700P-50
	87-A40-488-080	DIODE,1SS244		C140	87-012-278-080		C-CAP,U 2200P-50 K B<EZ>
	87-A40-748-080	ZENER,UZ5.6BSA		C140	87-012-280-080		C-CAP,U 3300P-50 K B<*EZ>
	87-A40-747-080	ZENER,UZ5.1BSB		C186	87-010-759-080		C-CAP,U, 0.1-25F
	87-A40-749-080	ZENER,UZ5.6BSB		C187	87-010-866-080		CAP, ELECT 10-63
	87-A40-802-080	ZENER,UZ5.1BSC		C188	87-010-866-080		CAP, ELECT 10-63
	87-A40-739-080	ZENER,UZ2.7BSA		C223	87-010-176-080		C-CAP,S 680P-50 J SL<EZ>
	87-017-149-080	ZENER,HZS6A2L		C224	87-010-176-080		C-CAP,S 680P-50 J SL<EZ>
	87-A40-455-090	DIODE,RL203 GW		C225	87-A12-317-080		C-CAP,U 0.1-50 Z F
MAIN C.B				C226	87-A12-317-080		C-CAP,U 0.1-50 Z F
C3	87-A12-317-080	C-CAP,U 0.1-50 Z F		C227	87-A12-317-080		C-CAP,U 0.1-50 Z F
C4	87-A12-317-080	C-CAP,U 0.1-50 Z F		C228	87-A12-317-080		C-CAP,U 0.1-50 Z F
				C229	87-010-191-080		C-CAP,S 0.015-50 Z F GRM<EZ>
				C230	87-010-191-080		C-CAP,S 0.015-50 Z F GRM<EZ>
				C231	87-012-286-080		C-CAP,U 0.01-25 K B<EZ>
				C232	87-012-286-080		C-CAP,U 0.01-25 K B<EZ>
				C241	87-010-831-080		C-CAP,U,0.1-16F
				C301	87-012-275-080		C-CAP,U 1200P-50 K B GRM<EZ>
				C301	87-012-274-080		C-CAP,U 1000P-50 K B<*EZ>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C302	87-012-275-080		C-CAP,U 1200P-50 K B GRM<EZ>	C670	87-012-274-080		C-CAP,U 1000P-50 K B<EZ>
C302	87-012-274-080		C-CAP,U 1000P-50 K B<*EZ>	C671	87-010-831-080		C-CAP,U 0.1-16F<*EZ>
C303	87-012-275-080		C-CAP,U 1200P-50 B	C672	87-010-831-080		C-CAP,U 0.1-16F<*EZ>
C304	87-012-275-080		C-CAP,U 1200P-50 B	C673	87-010-182-080		C-CAP,S 2200P-50 K B C2012<*EZ>
C307	87-A12-062-080		CAP,E 100-10 SMG	C677	87-012-286-080		CAP, U 0.01-25
C308	87-A12-062-080		CAP,E 100-10 SMG	C771	87-A12-062-080		CAP,E 100-10 SMG
C309	87-012-188-080		C-CAP,U 47P-50 J CH<*EZ>	C772	87-012-286-080		CAP, U 0.01-25
C309	87-012-196-080		C-CAP,U 120P-50 J CH<EZ>	C779	87-010-949-080		C-CAP,S 0.01-50 JB<EZ>
C310	87-012-188-080		C-CAP,U 47P-50 J CH<*EZ>	C780	87-010-949-080		C-CAP,S 0.01-50 JB<EZ>
C310	87-012-196-080		C-CAP,U 120P-50 J CH<EZ>	C782	87-012-286-080		CAP, U 0.01-25
C313	87-012-284-080		CAP, U 6800P-50	C783	87-012-286-080		CAP, U 0.01-25
C314	87-012-284-080		CAP, U 6800P-50	C784	87-012-286-080		CAP, U 0.01-25
C315	87-A12-062-080		CAP,E 100-10 SMG	C785	87-012-286-080		CAP, U 0.01-25
C317	87-A12-085-080		CAP,E 0.33-50 SMG	C786	87-012-286-080		CAP, U 0.01-25
C318	87-A12-085-080		CAP,E 0.33-50 SMG	C788	87-012-167-080		C-CAP,U 5P-50 CH
C326	87-010-787-080		CAP, U 0.022-25	C779	87-010-949-080		C-CAP,S 0.01-50 JB<EZ>
C327	87-010-831-080		C-CAP,U 0.1-16F	C789	87-016-118-080		C-CAP,U 0.022-25 JB GRM<*HA>
C333	87-012-195-080		C-CAP,U 100P-50 J CH<EZ>	C789	87-A12-052-080		C-CAP,S 0.033-25 J B<HA>
C334	87-012-195-080		C-CAP,U 100P-50 J CH<EZ>	C790	87-016-118-080		C-CAP,U 0.022-25 JB GRM<*HA>
C350	87-012-286-080		C-CAP,U 0.01-25 K B<EZ>	C790	87-A12-052-080		C-CAP,S 0.033-25 J B<HA>
C360	87-A12-087-080		CAP,E 1-50 SMG	C791	87-010-831-080		C-CAP,U,0.1-16F
C365	87-012-195-080		C-CAP,U 100P-50 J CH<EZ>	C792	87-012-286-080		CAP, U 0.01-25
C399	87-A10-039-080		C-CAP,U 470P-50 J CH	C793	87-A12-090-080		CAP,E 4.7-50 SMG
C401	87-A12-083-080		CAP,E 0.1-50 SMG	C795	87-012-286-080		CAP, U 0.01-25
C402	87-A12-083-080		CAP,E 0.1-50 SMG	C796	87-012-286-080		CAP, U 0.01-25
C403	87-012-193-080		C-CAP,U 82P-50 CH	C797	87-A12-091-080		CAP,E 10-50 SMG
C404	87-012-193-080		C-CAP,U 82P-50 CH	C798	87-012-286-080		CAP, U 0.01-25
C405	87-012-286-080		CAP, U 0.01-25	C799	87-A12-093-080		CAP,E 33-50 SMG
C406	87-012-286-080		CAP, U 0.01-25	C800	87-010-829-080		CAP, U 0.047-16
C407	87-012-286-080		CAP, U 0.01-25	C801	87-A12-089-080		CAP,E 3.3-50 SMG
C408	87-012-286-080		CAP, U 0.01-25	C802	87-010-829-080		CAP, U 0.047-16
C409	87-012-278-080		C-CAP,U 2200P-50 B	C803	87-010-787-080		CAP, U 0.022-25
C410	87-012-278-080		C-CAP,U 2200P-50 B	C804	87-A12-062-080		CAP,E 100-10 SMG
C411	87-A12-091-080		CAP,E 10-50 SMG	C807	87-A12-086-080		CAP,E 0.47-50 SMG
C412	87-A12-091-080		CAP,E 10-50 SMG	C808	87-A12-087-080		CAP,E 1-50 SMG
C452	87-A12-069-080		CAP,E 22-25 SMG	C809	87-A12-087-080		CAP,E 1-50 SMG
C453	87-012-279-080		C-CAP,U 2700P-50 B	C810	87-010-831-080		C-CAP,U,0.1-16F
C454	87-012-279-080		C-CAP,U 2700P-50 B	C814	87-012-286-080		CAP, U 0.01-25
C455	87-012-279-080		C-CAP,U 2700P-50 B	C815	87-A12-086-080		CAP,E 0.47-50 SMG
C456	87-012-286-080		CAP, U 0.01-25	C816	87-A12-086-080		CAP,E 0.47-50 SMG
C457	87-A12-361-080		CAP,M 5600P-100 J CP	C818	87-012-276-080		C-CAP,U 1500P-50 K B<EZ>
C458	87-012-274-080		CHIP CAP,U 1000P-50B	C821	87-A12-091-080		CAP,E 10-50 SMG
C459	87-012-271-080		CAP, U 560P-50	C823	87-010-177-080		C-CAP,S 820P-50 J SL C2012<*EZ>
C460	87-010-831-080		C-CAP,U,0.1-16F	C823	87-A10-915-080		C-CAP,U 1000P-25 J CH<EZ>
C461	87-012-158-080		C-CAP,S 390P-50 CH	C824	87-A12-090-080		CAP,E 4.7-50 SMG
C462	87-012-158-080		C-CAP,S 390P-50 CH	C825	87-010-596-080		CAP, S 0.047-16
C470	87-018-127-080		CAP, CER 470P-50V	C831	87-A12-092-080		CAP,E 22-50 SMG<EZ>
C605	87-012-280-080		CAP, U 3300P-50	C842	87-012-286-080		CAP, U 0.01-25
C606	87-012-280-080		CAP, U 3300P-50	C844	87-012-286-080		CAP, U 0.01-25
C609	87-010-785-080		C-CAP,U,0.015-25BK	C850	87-A12-071-080		CAP,E 47-25 SMG
C610	87-010-785-080		C-CAP,U,0.015-25BK	C851	87-012-286-080		CAP, U 0.01-25
C611	87-A12-084-080		CAP,E 0.22-50 SMG	C852	87-012-286-080		CAP, U 0.01-25
C612	87-A12-084-080		CAP,E 0.22-50 SMG	C853	87-012-286-080		CAP, U 0.01-25
C613	87-A12-084-080		CAP,E 0.22-50 SMG	C858	87-010-831-080		C-CAP,U,0.1-16F
C614	87-A12-084-080		CAP,E 0.22-50 SMG	C859	87-010-831-080		C-CAP,U 0.1-16 Z F<EZ>
C615	87-012-172-080		CAPACITOR CHIP U 10P CH	C860	87-012-286-080		C-CAP,U 0.01-25 K B<EZ>
C616	87-016-459-080		CAP,E 470-10 SMG	C901	87-018-145-080		CAP,TC-U 6.8P-50 CH<*EZ>
C617	87-016-459-080		CAP,E 470-10 SMG	C904	87-012-286-080		CAP, U 0.01-25 K B<*EZ>
C618	87-A12-091-080		CAP,E 10-50 SMG	C905	87-012-286-080		CAP, U 0.01-25 K B<*EZ>
C620	87-010-263-080		CAP, ELECT 100-10V	C907	87-012-286-080		CAP, U 0.01-25 K B<*EZ>
C623	87-A12-084-080		CAP,E 0.22-50 SMG	C908	87-A10-915-080		C-CAP,U 1000P-25 J CH<*EZ>
C624	87-A12-084-080		CAP,E 0.22-50 SMG	C909	87-012-286-080		C-CAP,U 0.01-25 K B<*EZ>
C630	87-A10-260-080		C-CAP,U 0.1-16 K B	C910	87-012-174-080		C-CAP,U 12P-50 J CH<*EZ>
C631	87-012-281-080		C-CAP,U 3900P-50 B	C911	87-012-170-080		C-CAP,U 8P-50 CH<*EZ>
C632	87-012-281-080		C-CAP,U 3900P-50 B	C912	87-012-195-080		C-CAP,U 100P-50 J CH<*EZ>
C633	87-A11-070-080		C-CAP,U 0.033-16 K B	C913	87-012-286-080		C-CAP,U 0.01-25 K B<*EZ>
C634	87-A11-070-080		C-CAP,U 0.033-16 K B	C914	87-012-166-080		C-CAP,U 4P-50 C CH<*EZ>
C661	87-012-336-080		C-CAP,U 330P-50J SL	C915	87-012-174-080		CAP CHIP CERA SS 12P CHJ<*EZ>
C662	87-012-336-080		C-CAP,U 330P-50J SL	C916	87-012-180-080		C-CAP,U 22P-50 J CH<*EZ>
C669	87-012-274-080		C-CAP,U 1000P-50 K B<EZ>	C917	87-012-186-080		C-CAP,U 39P-50 J CH<*EZ>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C918	87-A10-039-080		C-CAP,U 470P-50 J CH<*EZ>	L201	87-A50-610-010		COIL,1UH K (MDEC)
C921	87-012-195-080		C-CAP,U 100P-50 J CH<*EZ>	L202	87-A50-610-010		COIL,1UH K (MDEC)
C922	87-012-174-080		C-CAP,12P J CH<*EZ>	L451	87-007-342-010		COIL,OSC 85K HZ BIAS
C940	87-012-286-080		C-CAP,U 0.01-25 K B<HT,EZ>	L801	87-A50-608-010		COIL,FM DET-N (TOK)
C941	87-012-180-080		C-CAP,U 22P-50 J CH<HT>	L802	87-A91-551-010		FLTR,PCFJZH-450 L (TOK) <*HT>
C942	87-012-165-080		C-CAP,U 3P-50 C CH<EZ>	L802	87-A91-552-010		FLTR,CFMT-450AL (TOK) <HT>
C943	87-012-286-080		C-CAP,U 0.01-25 K B<HT>	L811	87-005-847-080		COIL,2.2UH K CECS
C945	87-012-286-080		C-CAP,U 0.01-25 K B<HT>	L832	87-005-847-080		COIL,2.2UH K CECS
C946	87-010-971-080		C-CAP,S 4700P-50 J B<HT>	L902	88-ZA1-602-110		COIL,FM-RF-U2 2G<*EZ>
C947	87-012-286-080		C-CAP,U 0.01-25 K B<HT,EZ>	L903	88-ZA1-601-010		COIL,FM-RF-U1 2G<*EZ>
C948	87-012-166-080		C-CAP,U 4P-50 C CH<HT>	L904	87-005-847-080		COIL,2.2UH K CECS<*EZ>
C948	87-A10-039-080		C-CAP,U 470P-50 J CH<EZ>	L905	88-ZA1-624-010		COIL,FM IFT 7-6.2 (COILS) <*EZ>
C952	87-012-286-080		C-CAP,U 0.01-25 K B<HT,EZ>	L906	88-ZA1-603-010		COIL,FM-OSC-U 2G<*EZ>
C953	87-012-286-080		C-CAP,U 0.01-25 K B<HT>	L941	87-A50-020-010		COIL,ANT LW (COI) 252KHZ<EZ>
C954	87-A12-086-080		CAP,E 0.47-50 SMG<HT>	L941	87-A50-022-010		COIL,ANT SW (COI) 7.9MHZ<HT>
C956	87-A12-062-080		CAP,E 100-10 SMG<HT>	L942	87-A50-019-010		COIL,OSC LW (COI) 856KHZ<EZ>
C957	87-012-174-080		C-CAP,U 12P-50 J CH<EZ>	L942	87-A50-550-010		COIL,OSC SW-2N (COI) <HT>
C958	87-012-286-080		C-CAP,U 0.01-25 K B<EZ>	L943	87-A50-522-080		COIL,1MH K CEC<HT>
C959	87-010-831-080		C-CAP,U,0.1-16F	L944	87-A50-159-010		COIL,10MH K C2B<HT>
C960	87-010-831-080		C-CAP,U,0.1-16F<*HT>	L951	8A-NF8-667-010		COIL,AM PACK 4 (TOK) <HA,HS>
C961	87-012-167-080		C-CAP,U 5P-50 CH<HA,HS>	L951	8A-NF8-668-010		COIL,AM PACK 2 (TOK) <EZ>
C963	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z	L952	87-A50-430-010		COIL,ANT MW (3BSW) <HT>
C964	87-010-854-080		C-CAP,S 560P-50 J CH<HT>	L953	87-A50-431-010		COIL,OSC MW (3BSW) <HT>
C971	87-A12-067-080		CAP,E 330-16 SMG	R129	87-A00-262-080		RES,M/F 0.15-2W J
C972	87-A12-090-080		CAP,E 4.7-50 SMG	R130	87-A00-262-080		RES,M/F 0.15-2W J
C973	87-012-286-080		CAP, U 0.01-25	R131	87-A00-262-080		RES,M/F 0.15-2W J
C974	87-012-286-080		CAP, U 0.01-25	R132	87-A00-262-080		RES,M/F 0.15-2W J
C979	87-012-195-080		C-CAP,U 100P-50CH	R243	87-A01-001-050		RES,220-1/2W J BLT2J
C981	87-A12-071-080		CAP,E 47-25 SMG	R244	87-A01-001-050		RES,220-1/2W J BLT2J
C982	87-010-831-080		C-CAP,U,0.1-16F	R245	87-A00-999-050		RES,180-1/2W J BLT2J<HS,HT>
C983	87-012-286-080		CAP, U 0.01-25	R245	87-A01-001-050		RES,220-1/2W J BLT2J<HA>
C984	87-012-286-080		CAP, U 0.01-25	R245	87-A01-002-050		RES,270-1/2W J BLT2J<EZ>
C985	87-012-195-080		C-CAP,U 100P-50 J CH<EZ>	R246	87-A00-999-050		RES,180-1/2W J BLT2J<HS,HT>
C987	87-012-286-080		CAP, U 0.01-25	R246	87-A01-001-050		RES,220-1/2W J BLT2J<HA>
C989	87-012-286-080		C-CAP,U 0.01-25 K B<HT,EZ>	R246	87-A01-002-050		RES,270-1/2W J BLT2J<EZ>
C991	87-012-176-080		CAP 15P	R790	87-012-286-080		CAP, U 0.01-25
C992	87-012-176-080		CAP 15P	R991	87-012-195-080		C-CAP,U 100P-50CH
C993	87-012-274-080		CHIP CAP,U 1000P-50B	R993	87-012-195-080		C-CAP,U 100P-50CH
C995	87-012-274-080		CHIP CAP,U 1000P-50B	R995	87-012-195-080		C-CAP,U 100P-50CH
C997	87-010-831-080		C-CAP,U,0.1-16F	SFR451	87-A90-432-080		SFR,30K H NVZ6TLTA
C998	87-A12-071-080		CAP,E 47-25 SMG	SFR452	87-A90-432-080		SFR,30K H NVZ6TLTA
C999	87-A11-155-080		CAP,TC U 0.01-16 Z F	TC941	87-A91-773-080		TRIMMER,PLY 20P 6.8X5.4 CDYL<HT>
C1000	87-018-142-080		CAP,TC U 3.9P-50 K C<EZ>	TC942	87-A91-774-080		TRIMMER,PLY 20P 6.8X5.4 CDYL<EZ>
C1001	87-018-142-080		CAP,TC U 3.9P-50 K C<EZ>	TC943	87-A91-774-080		TRIMMER,PLY 20P 6.8X5.4 CDYL<HT>
C1002	87-018-117-080		CAP,TC U 68P-50 J SL<EZ>	TH101	87-A91-042-080		C-THMS,100K 55001
C1003	87-018-117-080		CAP,TC U 68P-50 J SL<EZ>	TH102	87-A91-042-080		C-THMS,100K 55001
CF831	87-008-261-010		FILTER,CF SFE10.7MA5<*EZ>	W99	8B-NFJ-620-010		F-CABLE,9P 2.5 280MM<EZ>
CF831	87-008-423-010		FLTR,CF SFE10.7MS3G-A<EZ>	WH1	87-A90-510-010		FLDR,WIRE 2.5-9P
CF832	87-008-261-010		FILTER,CF SFE10.7MA5<*EZ>	X992	87-A70-306-010		VIB,XTAL 4.500MHZ CSA-309ST
CF832	82-785-747-010		CF,MS2 GHY,R<EZ>				
CN301	87-A60-620-010		CONN,3P V 2MM JMT	FRONT C.B			
CN351	87-A60-625-010		CONN,8P V 2MM JMT				
CN601	87-099-719-010		CONN,30P H BLK TYK-B(X)	C39	87-A10-039-080		C-CAP,U 470P-50 J CH
CN602	87-A60-131-010		CONN,6P V FE	C40	87-012-195-080		C-CAP,U 100P-50CH
CNA1	8A-NF8-653-010		CONN ASSY,9P TID-A(480) <*EZ>	C41	87-012-195-080		C-CAP,U 100P-50CH
D902	87-A40-128-080		C-VARI-CAP,HVU202A<*EZ>	C42	87-012-195-080		C-CAP,U 100P-50CH
D903	87-A40-128-080		C-VARI-CAP,HVU202A<*EZ>	C43	87-012-195-080		C-CAP,U 100P-50CH
D951	87-A40-618-080		VARI-CAP,SVC 348(S/T) <HT>	C44	87-012-195-080		C-CAP,U 100P-50CH
FB303	87-008-474-080		F-BEAD,BL02RN1-R62T2 EMI<EZ>	C45	87-012-195-080		C-CAP,U 100P-50CH
FC602	88-906-251-110		FF-CABLE,6P 1.25	C46	87-012-195-080		C-CAP,U 100P-50CH
FFE831	A8-62A-19H-030		6ZA-1 FEMENM<EZ>	C47	87-012-195-080		C-CAP,U 100P-50CH
J201	87-A60-488-010		JACK,DIA6.3BLK ST W/SW KM16AT<*HS>	C48	87-012-199-080		CAP 220P
J201	87-A60-602-010		JACK,DIA6.3 BLK ST W/SW TC<HS>	C49	87-012-145-080		CAP, CHIP S 270P CH
J203	87-A60-238-010		TERMINAL,SP 4P (MSC)	C50	87-012-145-080		CAP, CHIP S 270P CH
J602	87-A60-881-010		JACK,PIN 2P MSP 242V05 PBSN	C141	87-012-278-080		C-CAP,U 2200P-50 B
J831	87-A60-202-010		TERMINAL,ANT 4P MSP-154V-02<*EZ>	C142	87-010-785-080		C-CAP,U0.015-25BK
J832	87-A60-403-010		TERMINAL,ANT PAL 2P HSP-312V05<EZ>	C153	87-A11-058-080		C-CAP,U 0.22-10 K B
J940	87-A60-633-010		CONN,2P H 2.5MM JMT<HT>	C154	87-A10-189-040		CAP,E 220-10
JR123	87-A10-596-080		C-CAP,S 100P-100 J CH	C155	87-012-176-080		CAP 15P
JR124	87-A10-596-080		C-CAP,S 100P-100 J CH	C156	87-012-198-080		CAP 180P



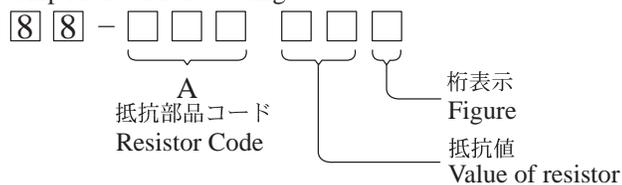
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
SOL1	82-ZM3-627-010		SOL ASSY,27 SO	HEAD-1 C.B			
SOL2	82-ZM3-627-010		SOL ASSY,27 SO		85-ZM3-602-010		PWB,FLEX A
SW1	87-A90-248-010		SW,MICRO ESE11SH2CXQ	CON301	85-MA2-615-010		CONN ASSY,3P-PB<EZ>
SW2	87-A90-248-010		SW,MICRO ESE11SH2CXQ	CON301	87-NF6-615-010		CONN ASSY,3P PB<*EZ>
SW3	87-A90-248-010		SW,MICRO ESE11SH2CXQ				
SW4	87-A90-248-010		SW,MICRO ESE11SH2CXQ	HEAD-2 C.B<*EZ>			
SW5	87-A90-248-010		SW,MICRO ESE11SH2CXQ		85-ZM3-602-010		PWB,FLEX A
DECK C.B<HA,HS,HT>				CON351	87-NF6-616-010		CONN ASSY,8P RPB
CON1	87-099-756-010		CONN,15P 9604				
M1	87-A92-321-010		MOT,SHU2L 60				
SFR1	87-024-581-010		SFR,3.3K H KVVF637A				
SOL1	82-ZM3-627-010		SOL ASSY,27 SO				
SOL2	82-ZM3-627-010		SOL ASSY,27 SO				
SW1	87-A90-248-010		SW,MICRO ESE11SH2CXQ				
SW2	87-A90-248-010		SW,MICRO ESE11SH2CXQ				
SW4	87-036-110-010		SW,MICRO SPPB62				
SW6	87-036-110-010		SW,MICRO SPPB62				
SW8	87-A90-248-010		SW,MICRO ESE11SH2CXQ				
SW9	87-A90-248-010		SW,MICRO ESE11SH2CXQ				

NOTE: \* = EXCEPT

○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

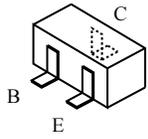
Chip Resistor Part Coding



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)			抵抗コード : A Resistor Code : A	
				外形/Form	L	W		t
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

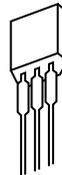
# TRANSISTOR ILLUSTRATION



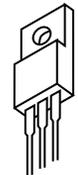
2SA1235F KRC104S  
 2SC2714O KRC107S  
 2SC3052F RT1P141C  
 CSD1306E SBT5401F  
 KRA102S SBT5551F  
 KRA107S



2SA1980G  
 2SA1981Y  
 2SA1979O/Y  
 2SC5342Y  
 STC250



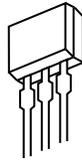
CC5551  
 CDA1585BC  
 CSC4115BC  
 KTA1266GR  
 KTC3198GR



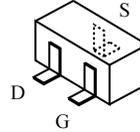
CSB1370EF  
 2SB1686  
 2SD2462



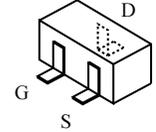
2SA933AS(R)



2SJ460  
 2SK2541



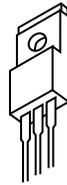
2SK360E



2SK2158



2SK2937



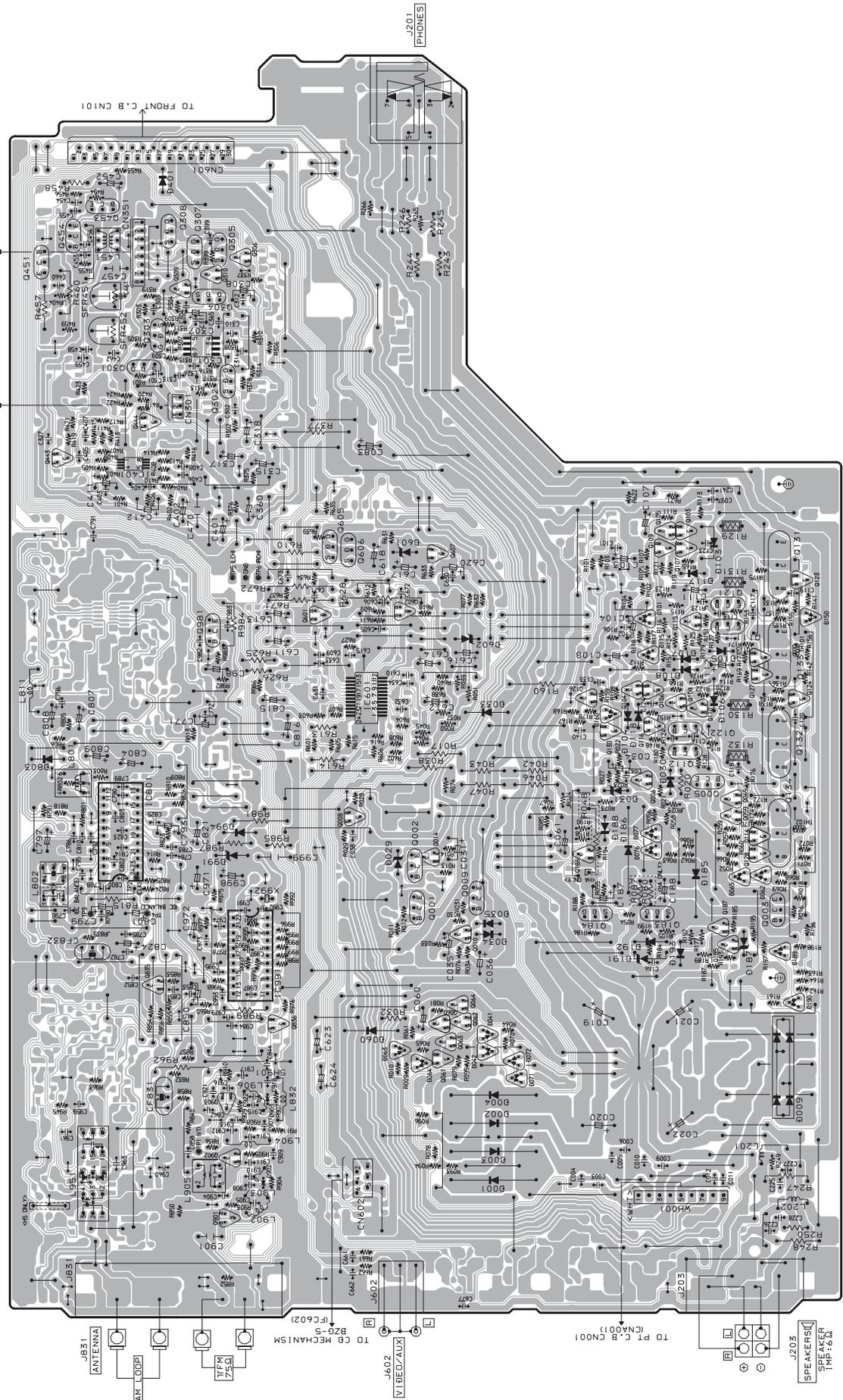
FN1016  
 FP1016

**A** MAIN C.B

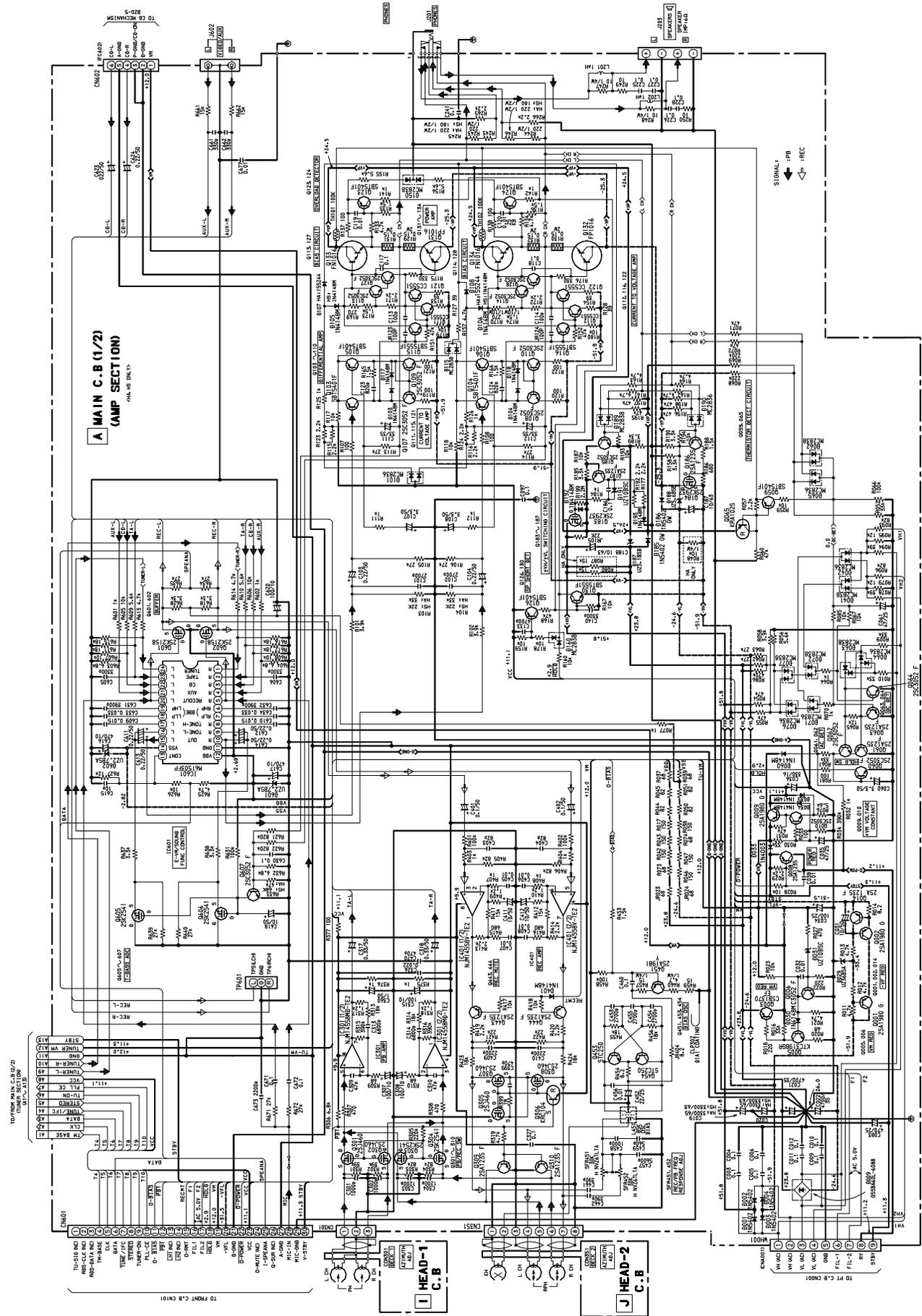
<HA, HS ONLY>

TO HEAD-1 C.B CON501

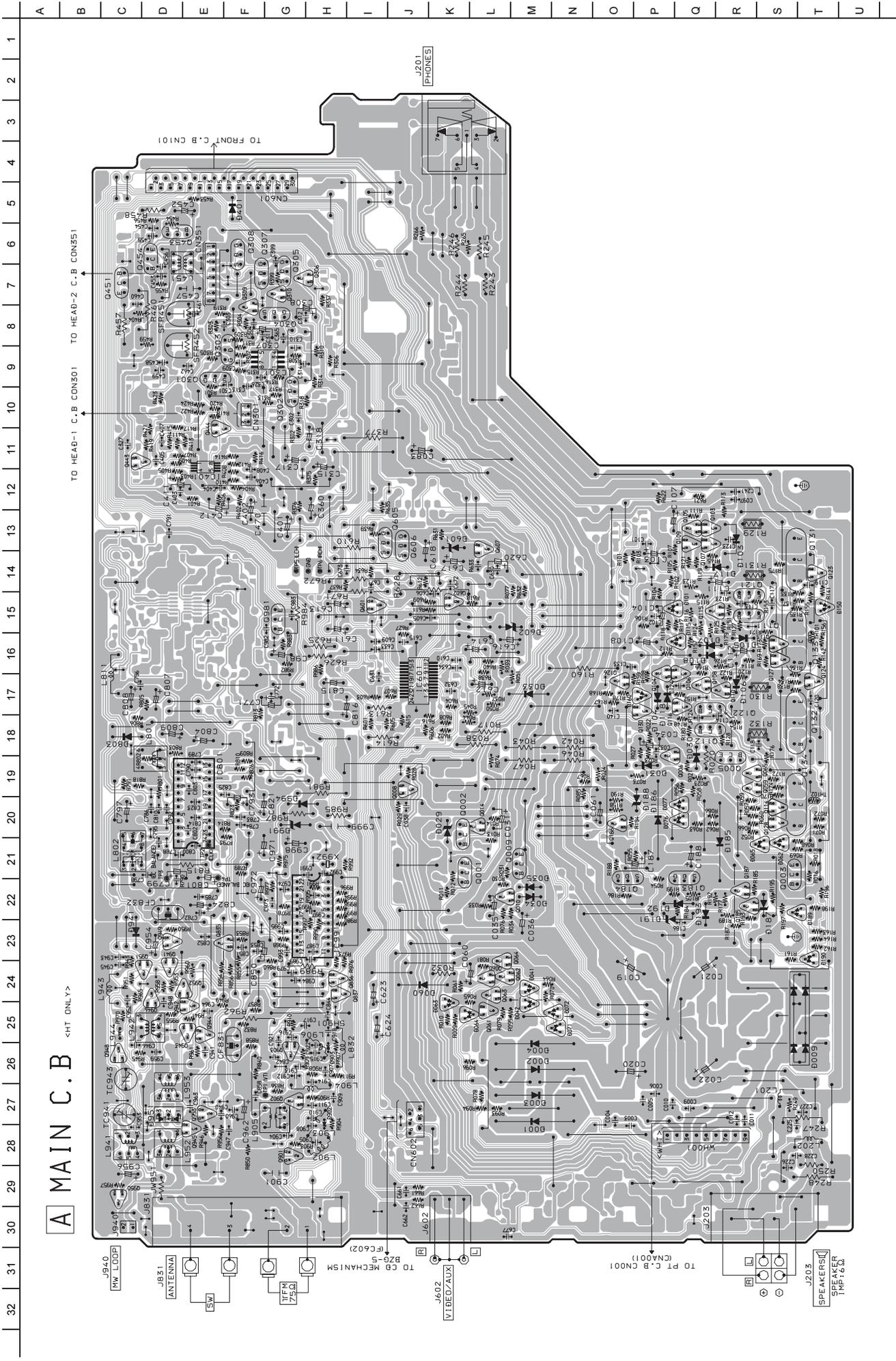
TO HEAD-2 C.B CON551



SCHEMATIC DIAGRAM - 1 (MAIN 1/2 AMP SECTION) <HA/HS>

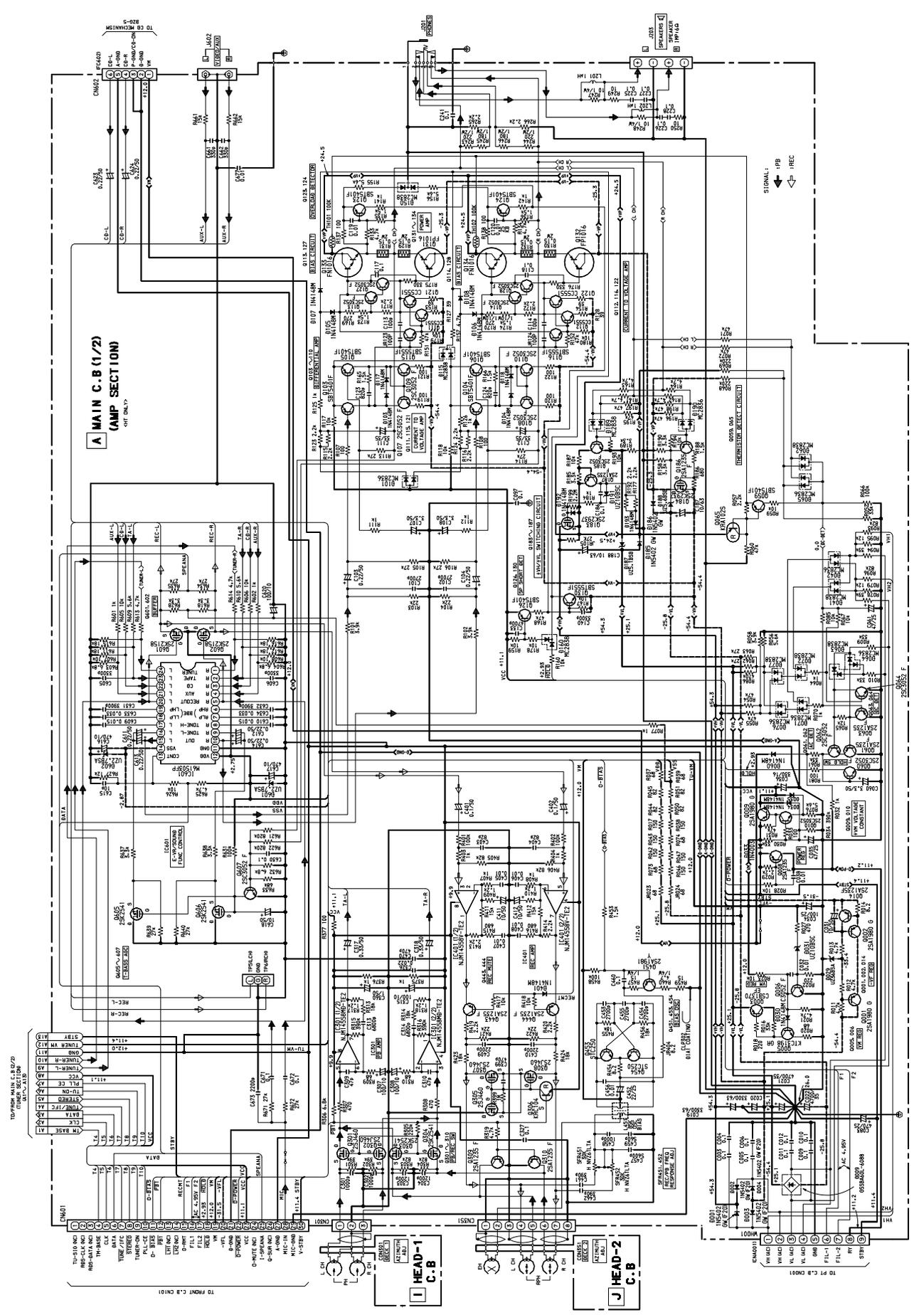






**A MAIN C.B.** <HT ONLY>

SCHEMATIC DIAGRAM - 3 (MAIN 1/2:AMP SECTION) <HT>



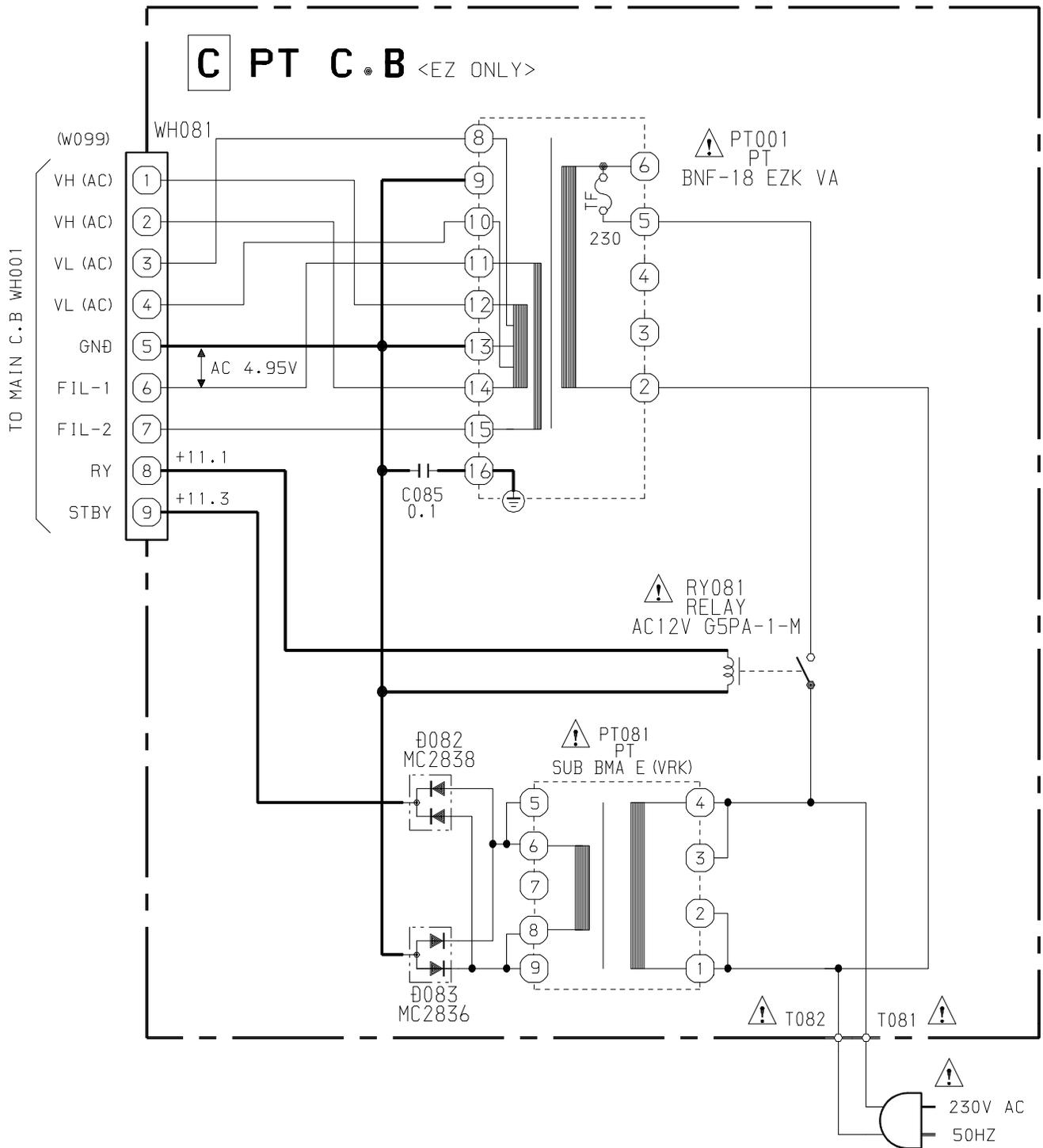








SCHEMATIC DIAGRAM - 7 (PT) <EZ>

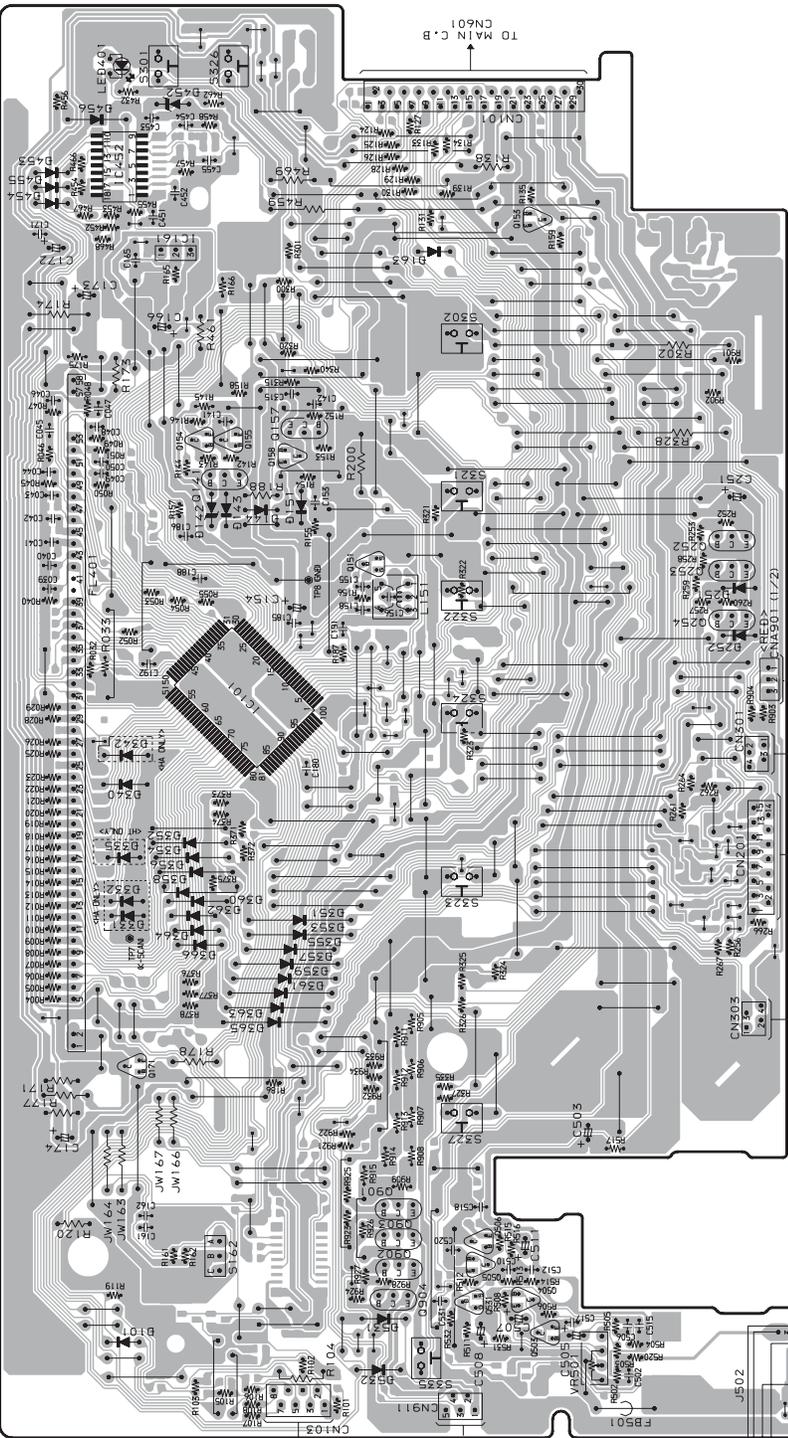


32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

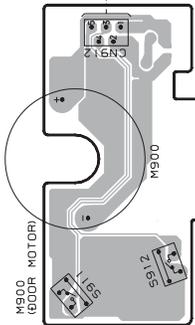
A B C D E F G H I J K L M N O P Q R S T U

**B FRONT C.B** <HA, HT ONLY>

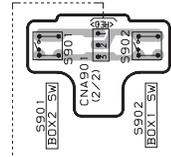
S335 PANEL AUTO/MANU  
S142 VOLUME  
S327 PANEL OPEN/CLOSE  
S323 CD  
S324 VIDEO/AUX  
S322 TUNER/BAND  
S321 TAPE DECK 1/2  
S302 ACD OPEN/CLOSE  
S301 LED401 POWER STANDBY/ON

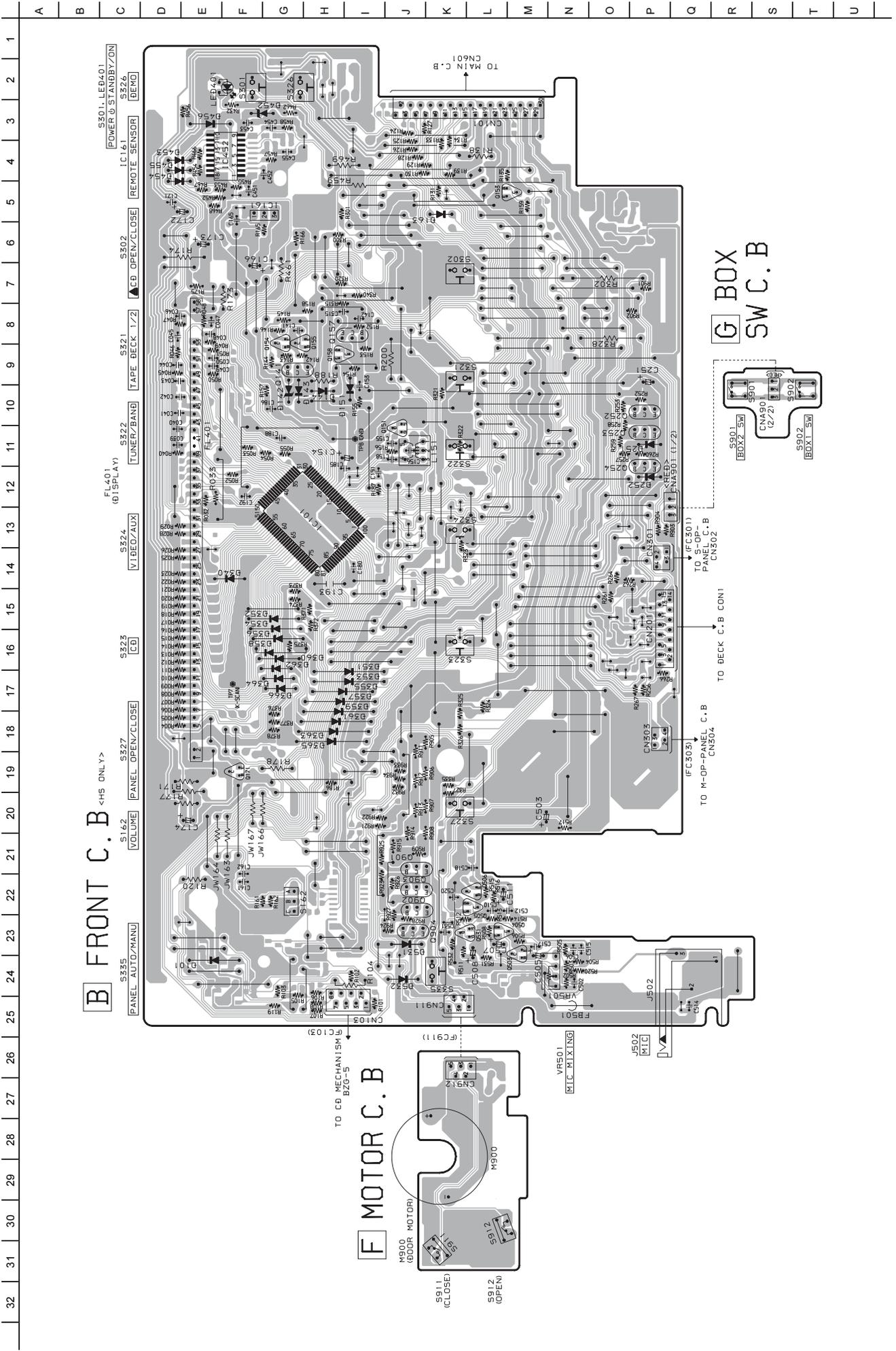


**F MOTOR C.B**



**G BOX SW C.B**



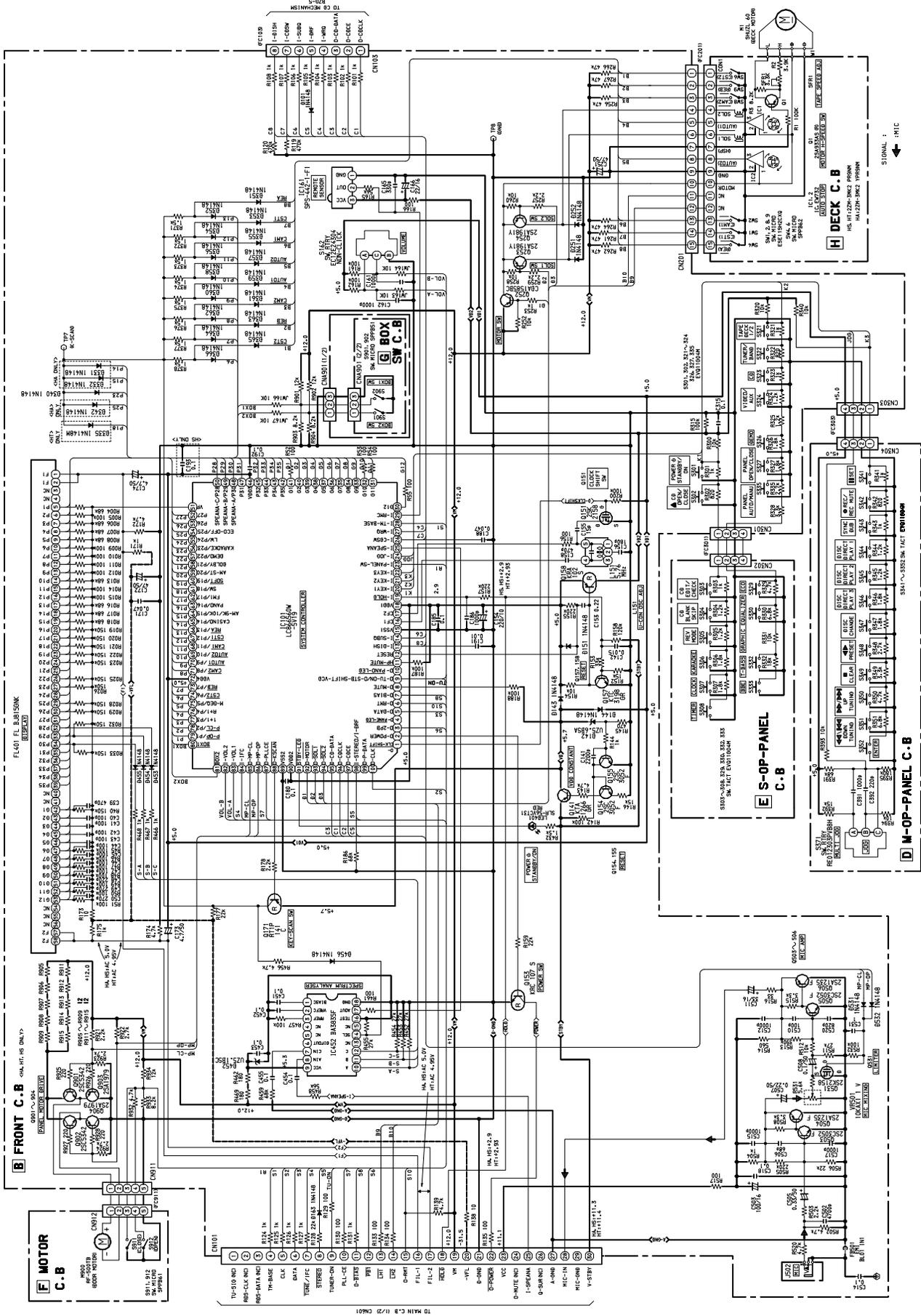


**B FRONT C.B.** <HS ONLY>

**F MOTOR C.B.**

**G BOX SW C.B.**

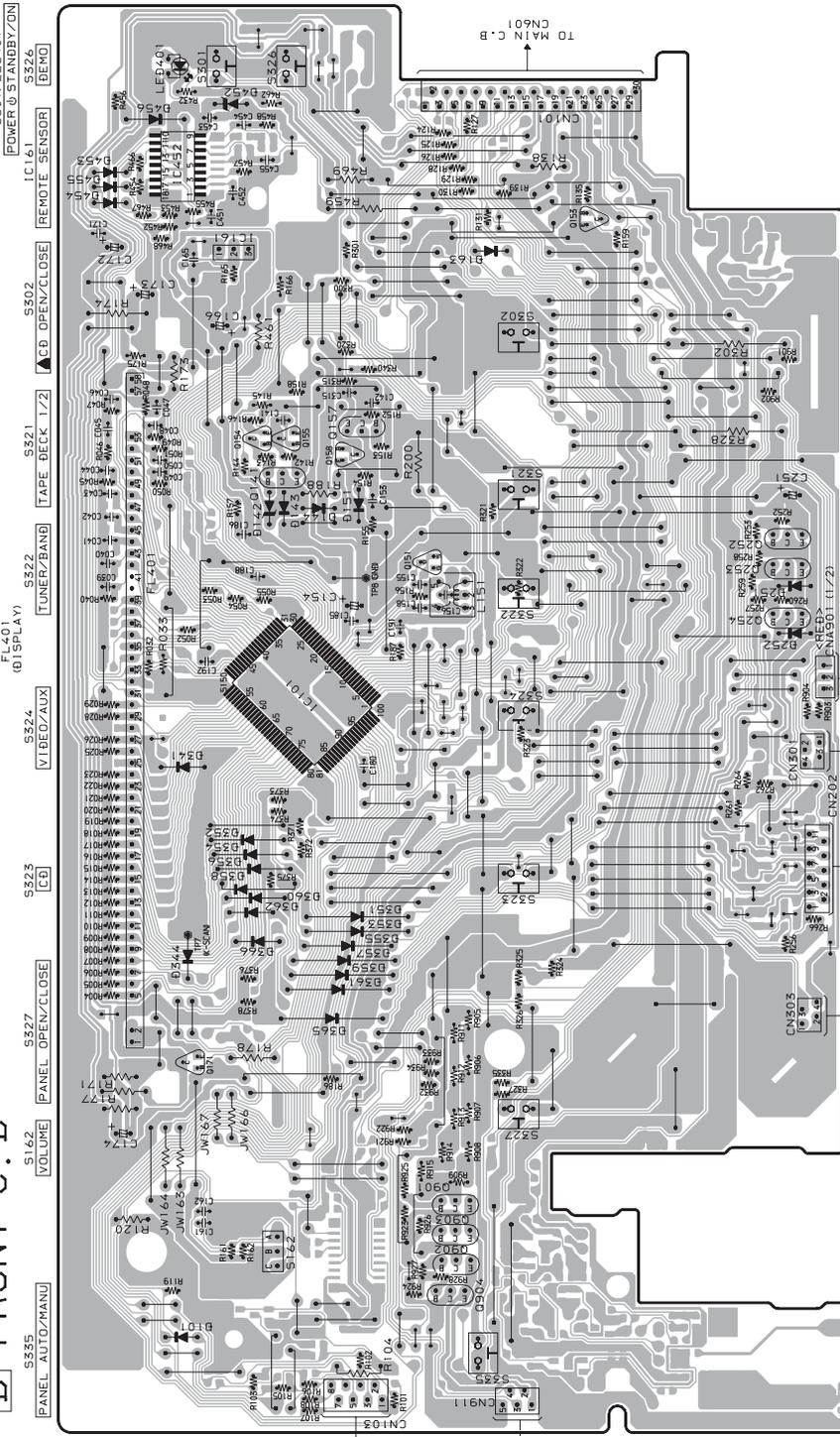
SCHEMATIC DIAGRAM - 8 (FRONT /M-OP-PANEL /S-OP-PANEL /MOTOR /BOX SW /DECK) <HA /HS /HT>



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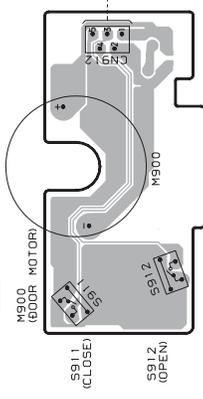
A B C D E F G H I J K L M N O P Q R S T U

**B FRONT C.B** <EZ ONLY>

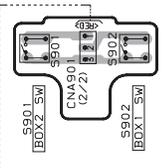


- S335 PANEL AUTO/MANU
- S162 VOLUME
- S327 PANEL OPEN/CLOSE
- S324 VIDEO/AUX
- S322 TUNER/BAND
- S321 TAPE DECK 1/2
- S302 CD OPEN/CLOSE
- IC161 REMOTE SENSOR
- S300 BEMO
- S301 LED4.01
- S302 LED4.01
- S303 LED4.01
- S304 LED4.01
- S305 LED4.01
- S306 LED4.01
- S307 LED4.01
- S308 LED4.01
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- S337 LED4.01
- S338 LED4.01
- S339 LED4.01
- S340 LED4.01
- S341 LED4.01
- S342 LED4.01
- S343 LED4.01
- S344 LED4.01
- S345 LED4.01
- S346 LED4.01
- S347 LED4.01
- S348 LED4.01
- S349 LED4.01
- S350 LED4.01

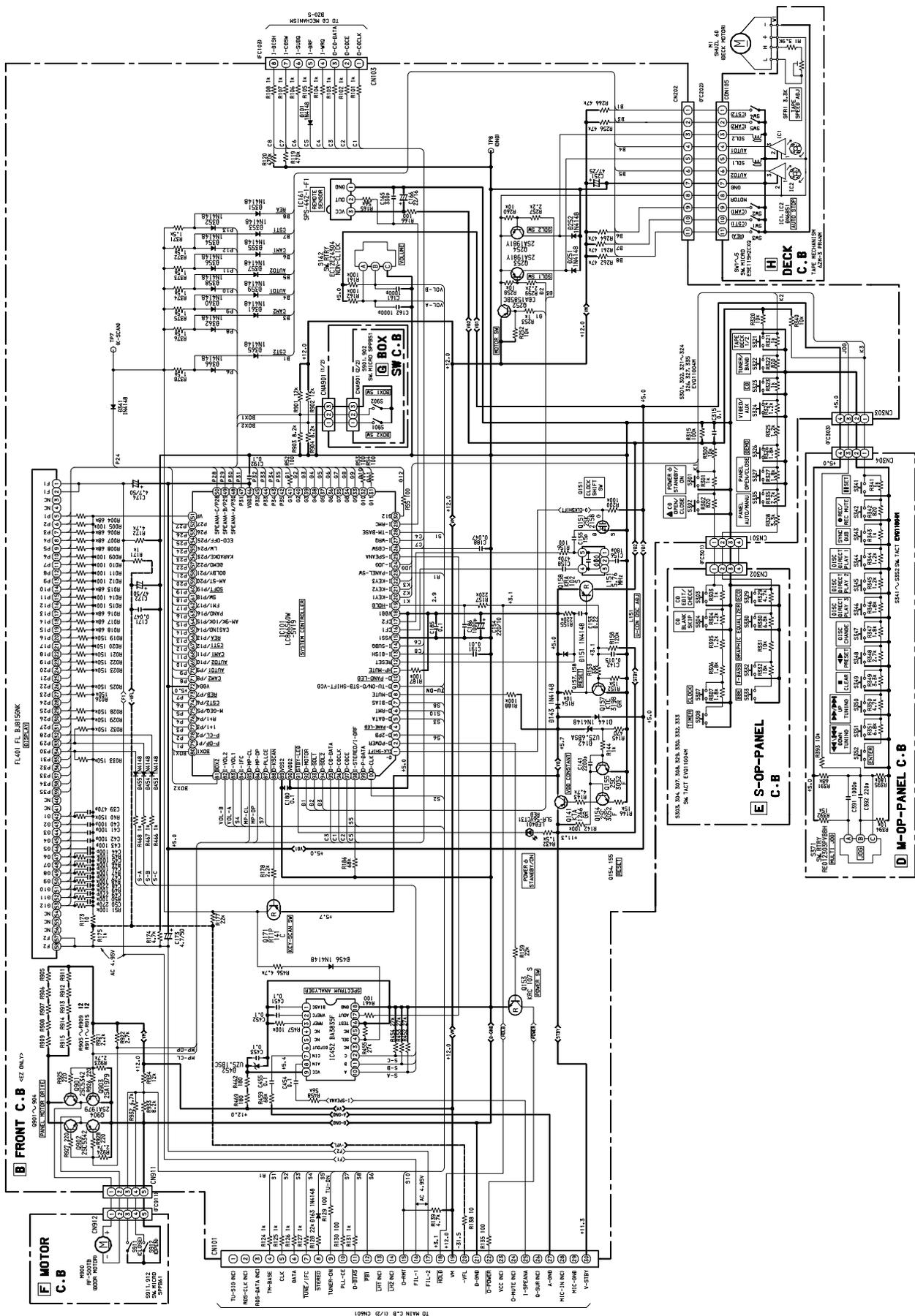
**F MOTOR C.B**



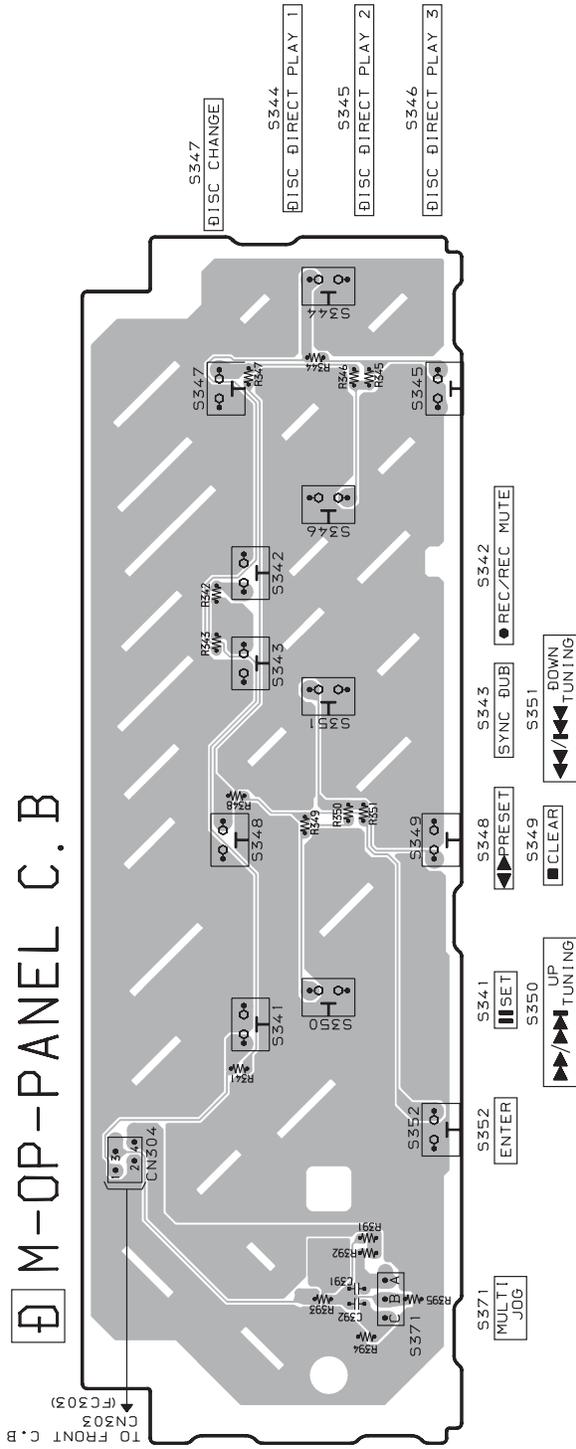
**G BOX SW C.B**



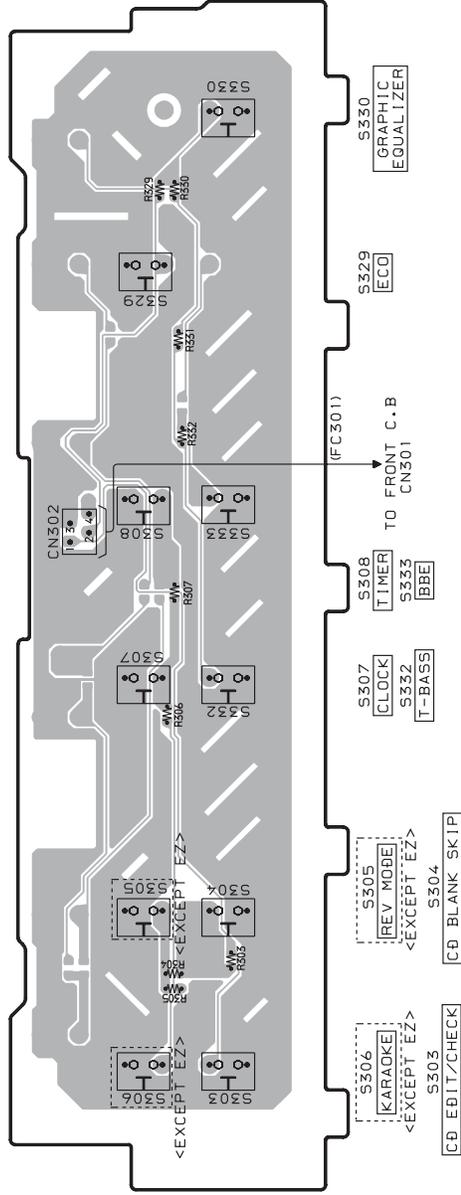
SCHEMATIC DIAGRAM - 9 (FRONT /M-OP-PANEL / S-OP-PANEL / MOTOR / BOX SW / DECK) <EZ>



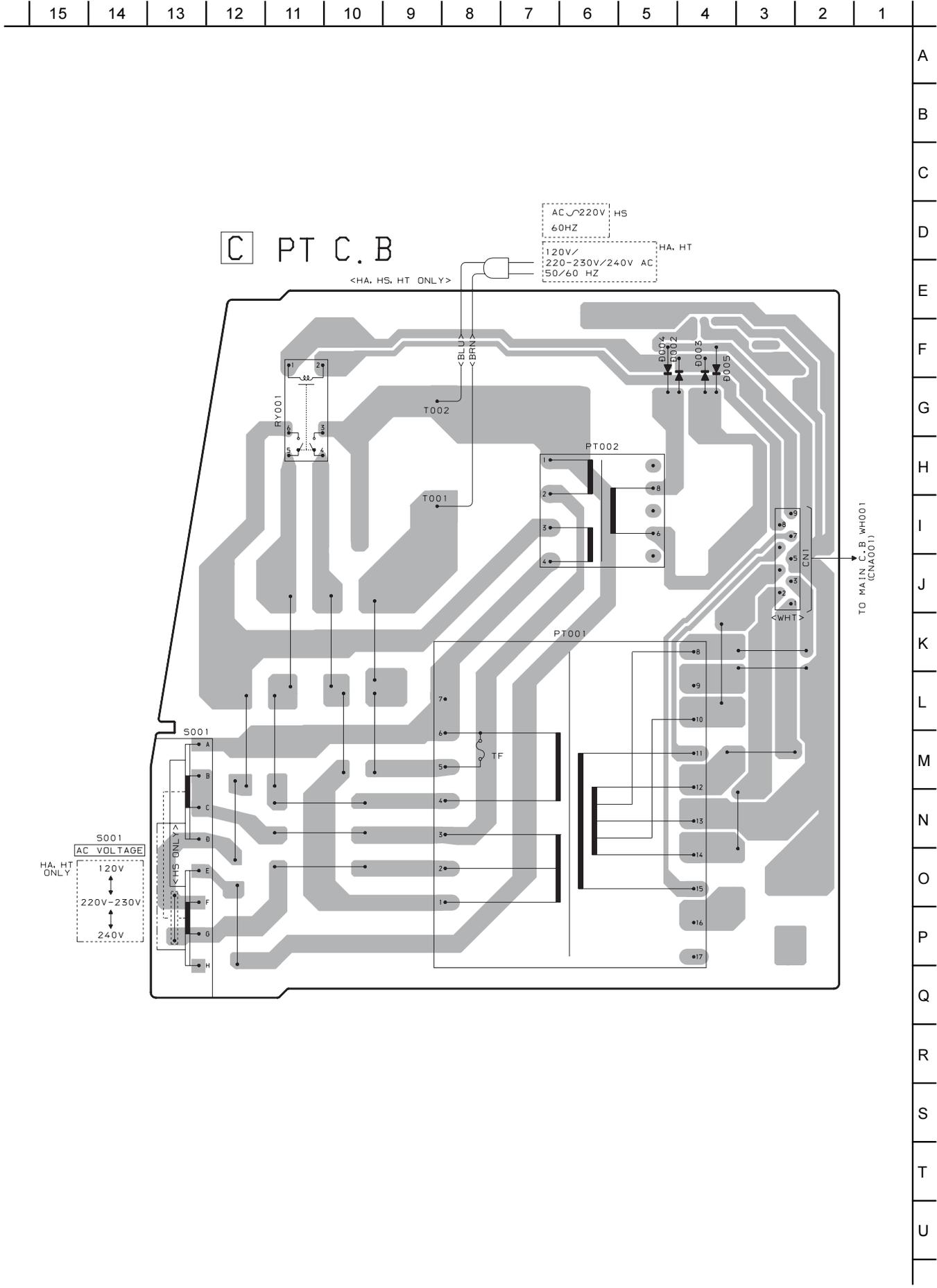
# M-OP-PANEL C.B.



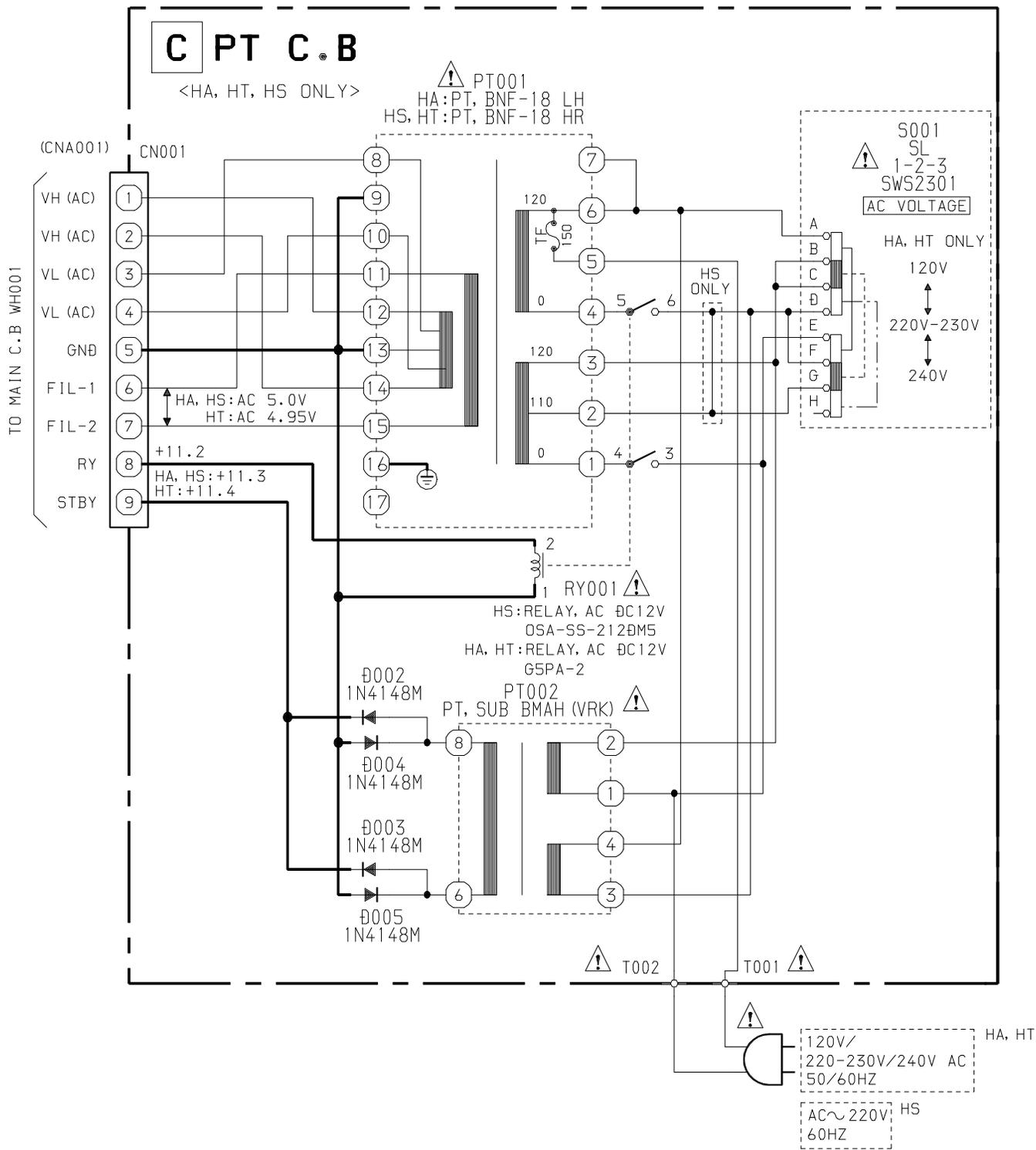
# S-OP-PANEL C.B.

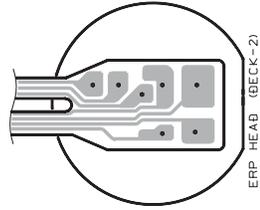
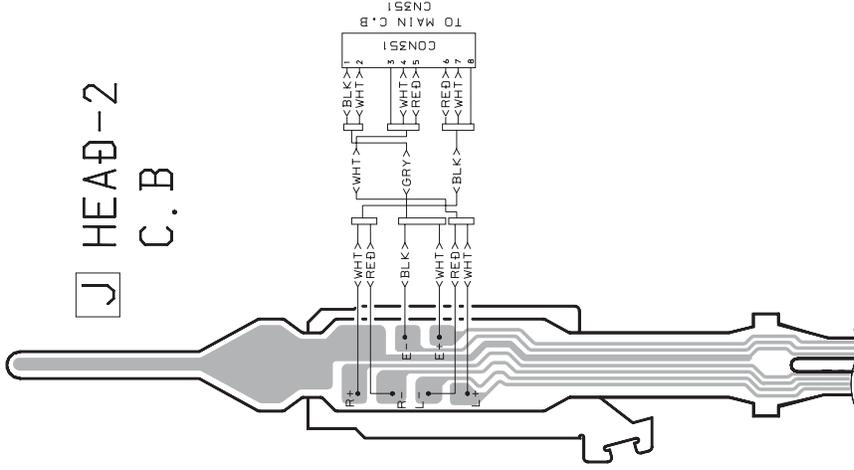
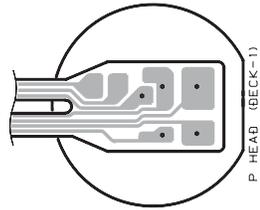
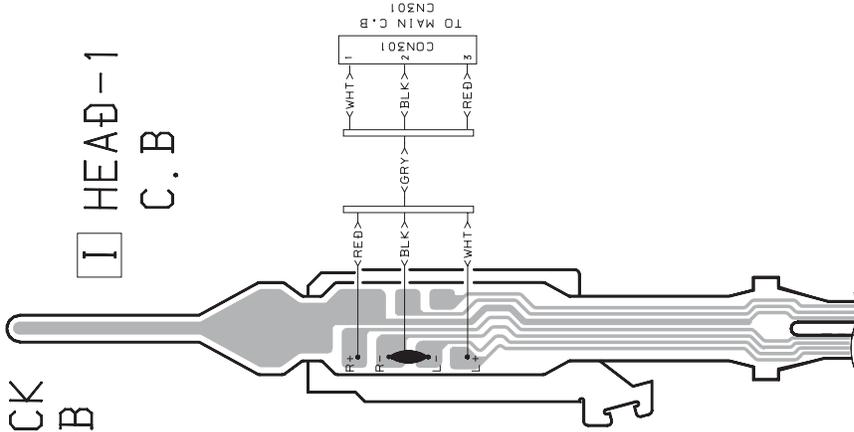
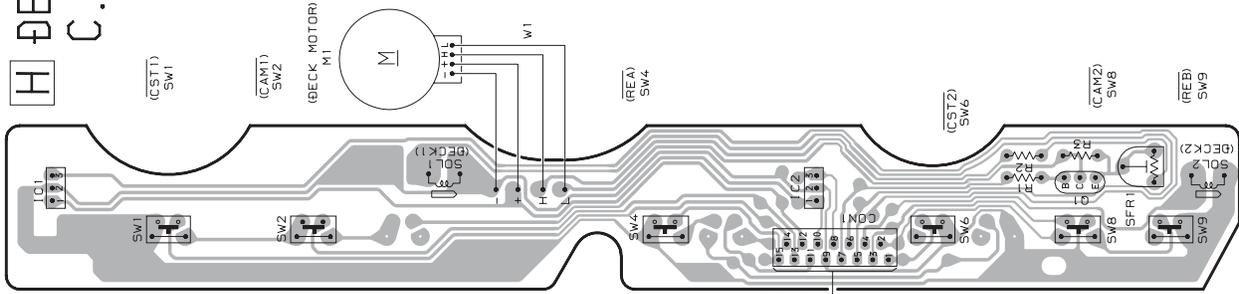


WIRING-8 (PT) <HA/HS/HT>

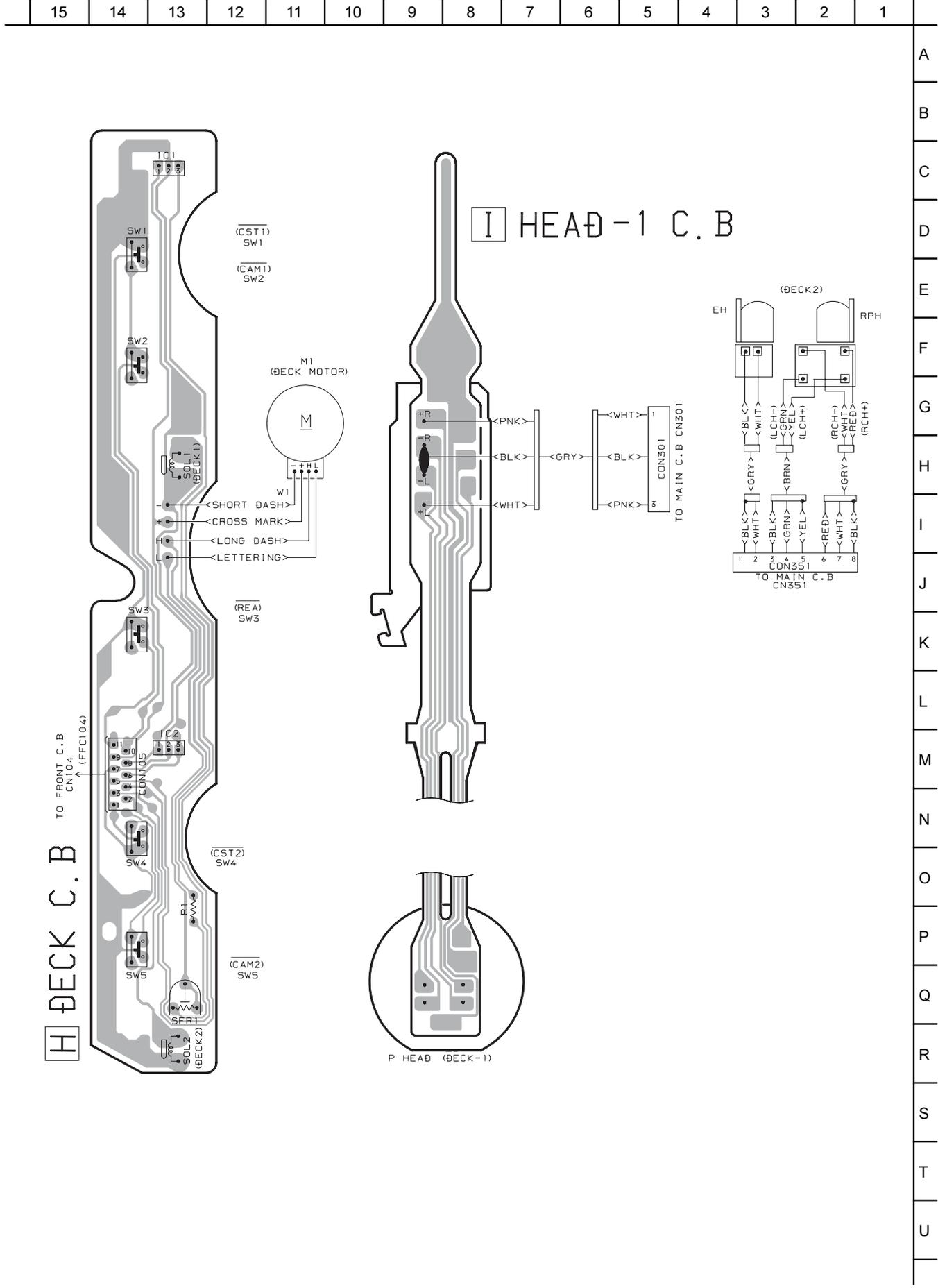


SCHEMATIC DIAGRAM – 10 (PT) <HA / HS / HT>



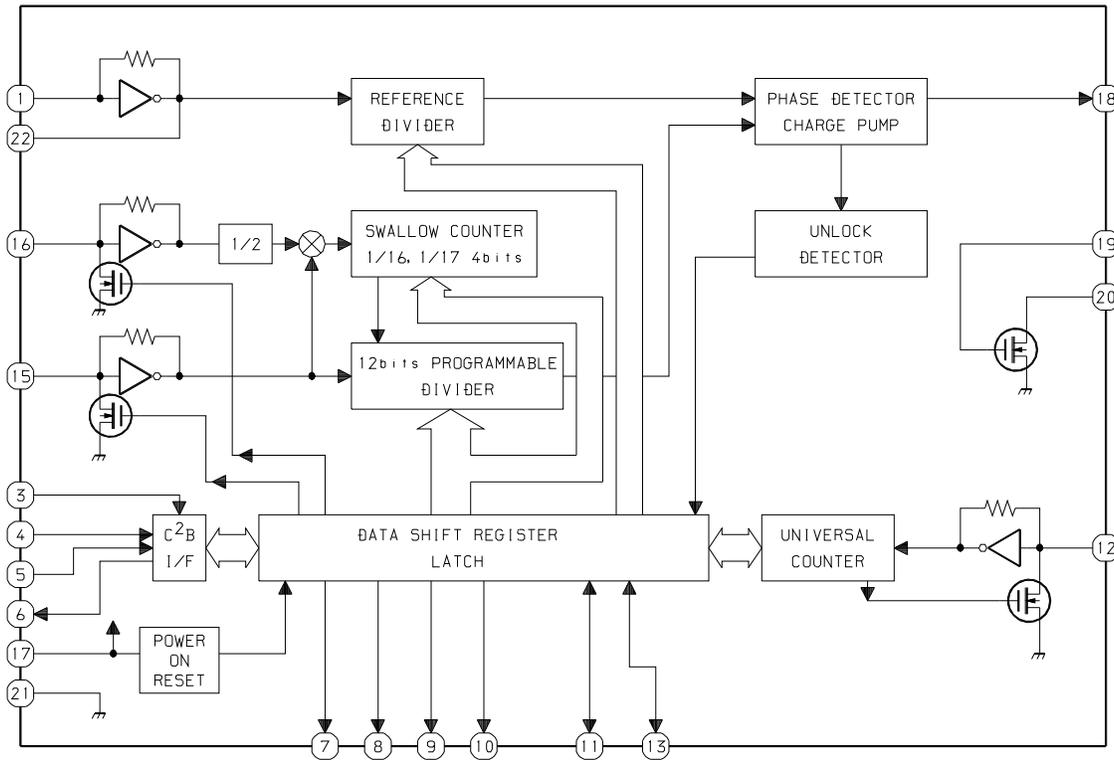


WIRING - 10 (DECK / HEAD - 1) <EZ>



# IC BLOCK DIAGRAM

IC, LC72131D-N



## IC DESCRIPTION

IC, LC866560W-5V19

Pin No.	Pin Name	I/O	Description
1	O-CLK-SHIFT	O	Clock shift output for micro computer when tuner receiving broadcast.
2	O-POWER	O	Power control ON/OFF output.
3	O-2PB	O	DECK 2/DECK 1 play output.
4	O-PANE-LED	O	Moving PANEL LED ON/OFF output. (Not used)
5	O-DATA	O	Data output.
6	O-RMT	O	REC MUTE output.
7	O-BIAS	O	Bias ON/OFF output.
8	O-MUTE	O	System MUTE ON/OFF.
9	O-TU-ON/ O-STB-SHIFT-VCD	O	Tuner power supply ON/OFF output/MICON standby shift VCD output.
10	O-PANO-LED	O	Panorama LED ON/OFF output. (Not used)
11	HP-MUTE	I	Head phone jack detection. "L" : MUTE.
12	RESET	I	Reset input for MICON.
13	I-DISH	I	CD turnable photo sensor input.
14	I-SUBQ	I	SUB-Q data input.
15	VSS1	—	Connected to ground.
16	CF1	I	Oscillator circuit input.
17	CF2	O	Oscillator circuit output.
18	VDD1	—	Digital power supply pin.
19	I-HOLD	I	Power failure detected input.
20	I-KEY1	I	Key A/D input 1.
21	I-KEY2	I	Key A/D input 2.
22	I-KEY3	I	Key A/D input 3.
23	I-PANEL-SW	I	Panel OPEN/CLOSE detect switch AD input.
24	I-JOG	I	Dial jog rotary encoder input .
25	I-SPEANA	I	Spectrum analyser level detection.
26	I-CDSW	I	CD mehca switch input.
27	I-WRQ	I	CD WRQ input.
28	I-TM-BASE	I	Reference clock input for timer switch.
29	I-RMC	I	System remote control signal input. "L" : ACTIVE.
30 ~ 41	G12 ~ G1	O	FL grid G12 ~ G1 output.
42 ~ 45	P35 ~ P32	O	FL segment P35 ~ P32 output.
46	VDD3	—	Digital power supply pin.
47	P31	O	FL segment P31 output.
48	SPEANA-A/P30	O	Spectrum analyser BPF switching control A output/FL segment P30 output.
49	SPEANA-B/P29	O	Spectrum analyser BPF switching control B output/FL segment P29 output.
50	SPEANA-C/P28	O	Spectrum analyser BPF switching control C output/FL segment P28 output.
51	VP	—	Power supply for FL.
52 ~ 53	P27 ~ P26	O	FL segment P27 ~ P26 output.
54	ECO-OFF/P25	I/O	ECO-OFF data input <HA only>/FL segment P25 output.
55	LW/P24	I/O	LW diode input (EZ ONLY)/FL segment P24 output.

Pin No.	Pin Name	I/O	Description
56	KARAOKE/P23	I/O	Karaoke input to diode <HA,HS,HT>/FL segment P23 output.
57	DEMO/P22	I/O	Demo (on the stop) diode input (not used)/FL segment P22 output.
58	DOLBY/P21	I/O	DECK DOLBY diode input (not used)/FL segment P21 output.
59	AM-ST/P20	I/O	AM-ST select diode (not used)/FL segment P20 output.
60	$\overline{\text{SOFT}}$ /P19	I/O	DECK SOFT diode input (not used)/FL segment P19 output.
61	SW/P18	I/O	SW diode input <HT only>/FL segment P18 output.
62	FM1/P17	I/O	FM1 diode input (not used)/FL segment P17 output.
63	PANO/P16	I/O	Panorama diode input (not used)/FL segment P16 output.
64	AM-9K/10K/P15	I/O	AM-9K/10K select diode input <HA only>/FL segment P15 output.
65	CASINO/P14	I/O	Initial casino diode input <HA only>/FL segment P14 output.
66	$\overline{\text{RE}}\overline{\text{A}}$ /P13	I/O	DECK2 side A recordable switch. "L" : REC/FL segment P13 output.
67	$\overline{\text{CST}}\overline{\text{1}}$ /P12	I/O	DECK1 cassette detection switch data input. "L" : ON/FL segment P12 output.
68	$\overline{\text{CAM}}\overline{\text{1}}$ /P11	I/O	DECK1 CAM STOP switch data input. "L" : ON/FL segment P11 output.
69	$\overline{\text{AUTO}}\overline{\text{2}}$ /P10	I/O	DECK2 AUTO STOP switch data input/FL segment P10 output.
70	$\overline{\text{AUTO}}\overline{\text{1}}$ /P9	I/O	DECK1 AUTO STOP switch data input/FL segment P9 output.
71	$\overline{\text{CAM}}\overline{\text{2}}$ /P8	I/O	DECK2 CAM switch data input. "L" : ON/FL segment P8 output.
72	VDD4	—	Digital power supply pin.
73	$\overline{\text{RE}}\overline{\text{B}}$ /P7	I/O	DECK2 side B recordable switch. "L" : REC <HA,HS,HT>/FL segment P7 output.
74	$\overline{\text{CST}}\overline{\text{2}}$ /P6	I/O	DECK2 cassette detection switch data input. "L" : ON/FL segment P6 output.
75	M-GEQ/P5	I/O	Manual GEQ diode input (not used)/FL segment P5 output.
76	R+1/P4	I/O	DECK R+1 diode input (not used)/FL segment P4 output.
77	1+1/P3	I/O	DECK 1+1 diode input/FL segment P3 output.
78	$\overline{\text{P}}\overline{\text{CL}}$ /P2	I/O	(Not used)/FL segment P2 output.
79	$\overline{\text{P}}\overline{\text{OP}}$ /P1	I/O	(Not used)/FL segment P1 output.
80	$\overline{\text{BOX}}\overline{\text{1}}$	I	Cassette BOX1 open/close detect input.
81	$\overline{\text{BOX}}\overline{\text{2}}$	I	Cassette BOX1 open/close detect input.
82	I-VOL2	I	Volume rotary encoder input 2.
83	I-VOL1	I	Volume rotary encoder input 1.
84	I-IFC	I	Tuner IF count input.
85	O-MP-CL	O	Moving panel close output.
86	O-MP-OP	O	Moving panel open output.
87	O-PLL CE	O	Tuner PLL IC chip enable output.
88	$\overline{\text{O}}\overline{\text{KSCAN}}$	O	Initial scan output.
89	VSS2	—	Connected to ground.
90	VDD2	—	Digital power supply pin.
91	$\overline{\text{STBY}}\overline{\text{LED}}$	O	Standby LED ON/OFF output. "L" : ON.
92	$\overline{\text{O}}\overline{\text{MOTOR}}$	O	Cassette deck motor control output.
93	$\overline{\text{O}}\overline{\text{SOL}}\overline{\text{1}}$	O	DECK1 solenoid output.
94	$\overline{\text{O}}\overline{\text{SOL}}\overline{\text{2}}$	O	DECK2 solenoid output.
95	O-CD DATA	O	CD IC control data output.
96	O-CD CLK	O	CD IC control clock output.

Pin No.	Pin Name	I/O	Description
97	O-CD CE	O	CD data chip enable output.
98	I-STEREO/I-DRF	I	Tuner stereo detect input/RF (radio frequency) detect.
99	O-P-DATA	O	Panorama IC data output. (Not used)
100	O-CLK	O	PLL IC clock output.

## ADJUSTMENT <TUNER / DECK / FRONT>

### < TUNER SECTION >

1. Clock Frequency Check  
Settings : • Test point : TP2 (CLK)  
Method : Set to AM 1710 kHz <HA>, AM 1602 kHz <HS>, MW 1602 kHz <HT,EZ> and check that the test point is 2160 kHz  $\pm$  45 Hz <HA>, 2052 kHz  $\pm$  45 Hz <HS,HT,EZ> .
  - Adjustment location :  
L941.....144 kHz  
TC942.....290 kHzMethod : Set up TC942 to center before adjustment. The level at 144 kHz is adjusted to MAX by L941. Then the level at 290 kHz is adjusted to MAX by TC942.
2. AM (MW) VT Check <HA,HS,EZ>  
Settings : • Test point : TP1 (VT)  
Method : Set to AM 1710 kHz <HA>, AM 1602 kHz <HS>, MW 1602 kHz <EZ> and check that the test point is less than 8.5 V <HA,HS>, less than 8.0 V <EZ>. Then set to AM 530 kHz <HA>, AM 531 kHz <HS>, MW 531 kHz <EZ> and check that the test point is more than 0.6 V.
3. MW VT Adjustment <HT>  
Settings : • Test point : TP1 (VT)
  - Adjustment location : L953Method : Set to MW 1602 kHz and adjust L953 so that the test point becomes 8.5 V  $\pm$  0.05 V. Then set to MW 531 kHz and check that the test point is more than 0.3 V.
4. SW VT Adjustment <HT>  
Settings : • Test point : TP1 (VT)
  - Adjustment location : L942Method : Set to SW 17.9 MHz and adjust L942 so that the test point becomes 8.0 V  $\pm$  0.05 V. Then set to SW 5.73 MHz and check that the test point is more than 0.3 V.
5. LW VT Adjustment <EZ>  
Settings : • Test point : TP1 (VT)
  - Adjustment location : L942Method : Set to LW 144 kHz and adjust L942 so that the test point becomes 1.3 V  $\pm$  0.05 V. Then set to LW 290 kHz and check that the test point is less than 8.0 V.
6. AM (MW) Tracking Adjustment <HA,HS,EZ>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Adjustment location : L951 (1/3)Method : Set to AM 1000 kHz <HA>, AM 999 kHz <HS>, MW 999 kHz <EZ> and adjust L951 (1/3) so that the test point becomes maximum.
7. MW Tracking Adjustment <HT>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Adjustment location :  
L952.....603 kHz  
TC941.....1404 kHzMethod : Set up TC941 to center before adjustment. The level at 603 kHz is adjusted to MAX by L952. Then the level at 1404 kHz is adjusted to MAX by TC941.
8. SW Tracking Adjustment <HT>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Adjustment location :  
L941 ..... 5.73 MHz  
TC943 ..... 17.9 MHzMethod : Set up TC943 to center before adjustment. The level at 5.73 MHz is adjusted to MAX by L941. Then the level at 17.9 MHz is adjusted to MAX by TC943.
9. LW Tracking Adjustment <EZ>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
10. AM IF Adjustment  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Adjustment location :  
L802.....450 kHz
11. FM VT Adjustment <EXCEPT EZ>  
Settings : • Test point : TP1 (VT)
  - Adjustment location : L906Method : Set to FM 108.0 MHz and adjust L906 so that the test point becomes 7.0 V  $\pm$  0.1 V. Then set to FM 87.5 MHz and check that the test point is more than 0.4 V.
12. FM VT Check <EZ>  
Settings : • Test point : TP1 (VT)  
Method : Set to FM 108.0 MHz and check that the test point is less than 8.0 V. Then set to FM 87.5 MHz and check that the test point is more than 0.5 V.
13. FM Tracking Adjustment <EXCEPT EZ>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Adjustment location : L903Method : Set to FM 87.5 MHz and adjust L903 so that the test point is less than 9.0 dB $\mu$ V.
14. FM Tracking Check <EZ>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)  
Method : Set to FM 98.0 MHz and check that the test point is less than 13 dB $\mu$ V.
15. DC Balance / Mono Distortion Adjustment  
Settings : • Test point : TP3, TP4 (DC Balance)  
TP5 (Lch), TP6 (Rch) (Distortion)
  - Adjustment location : L801
  - Input level : 60 dB $\mu$ VMethod : Set to FM 98.0 MHz and adjust L801 so that the voltage between TP3 and TP4 becomes 0 V  $\pm$  300 mV. Then check that the distortion is less than 1.2 %.
16. Output Level Check  
<AM> <HA,HS>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Input level: 74 dB $\mu$ VMethod : Set to AM 1000 kHz <HA>, AM 999 kHz <HS> and check that the test point is 40 mV  $\pm$  3 dB.  
  
<MW> <HT,EZ>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Input level: 74 dB $\mu$ VMethod : Set to MW 999 kHz and check that the test point is 40 mV  $\pm$  3 dB.  
  
<FM>  
Settings : • Test point : TP5 (Lch), TP6 (Rch)
  - Input level: 60 dB $\mu$ VMethod : Set to FM 98.0 MHz and check that the test point is 140 mV  $\pm$  3 dB <EZ>, 200 mV  $\pm$  3 dB <EXCEPT EZ>.

#### 17. FM Separation Check

Settings : • Test point : TP5 (Lch), TP6 (Rch)  
• Input level: 60 dB $\mu$ V

Method : Set to FM 98.0 MHz and check that the test point is more than 12 dB <EZ>, more than 25 dB <EXCEPT EZ>.

#### < DECK SECTION >

##### 1. Tape Speed Adjustment (DECK 2)

Settings : • Test tape : TTA-100  
• Test point : TP5 (Lch), TP6 (Rch)  
• Adjustment location : SFR1

Method : Play back the test tape and adjust SFR1 so that the frequency counter reads 3000 Hz  $\pm$  5 Hz (FWD) and  $\pm$  45 Hz (REV) with respect to forward speed.

##### 2. Head Azimuth Adjustment (DECK 1, DECK 2)

Settings : • Test tape : TTA-300  
• Test point : TP5 (Lch), TP6 (Rch)  
• Adjustment location : Head azimuth adjustment screw

Method : Play back (FWD) the 8 kHz signal of the test tape and adjust screw so that the output becomes maximum. Next, perform on REV PLAY mode.

##### 3. PB Frequency Response Check (DECK 1, DECK 2)

Settings : • Test tape : TTA-330  
• Test point : TP5 (Lch), TP6 (Rch)

Method : Play back the 315 Hz and 10 kHz signals of the test tape and check that the output ratio of the 10 kHz signal with respect to that of the 315 Hz signal is 0 dB  $\pm$  5 dB.

##### 4. REC/PB Frequency Response Adjustment (DECK 2)

Settings : • Test tape : TTA-602  
• Test point : TP5 (Lch), TP6 (Rch)  
• Adjustment location : SFR451 (Lch)  
SFR452 (Rch)

Method : Apply a 1 kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP5, TP6 becomes 10 mV. Record and play back the 1 kHz and 8 kHz signal and adjust SFRs so that the output of the 8 kHz signal is 0 dB  $\pm$  1 dB with respect to that of the 1 kHz signal.

##### 5. REC/PB Sensitivity Check (DECK 2)

Settings : • Test tape : TTA-602  
• Test point : TP5 (Lch), TP6 (Rch)  
• Input signal : 1 kHz (LINE IN)

Method : Apply a 1 kHz signal and REC mode. Then adjust OSC attenuator so that the output level at TP5, TP6 becomes 80 mV. Record and play back the 1 kHz signals and check that the output is -1 dB  $\pm$  3.5 dB.

##### 6. PB Sensitivity Check (DECK 1, DECK 2)

Settings : • Test tape : TTA-200  
• Test point : TP5 (Lch), TP6 (Rch)

Method : Play back the test tape and check that the output level of the test point is 110 mV  $\pm$  3 dB.

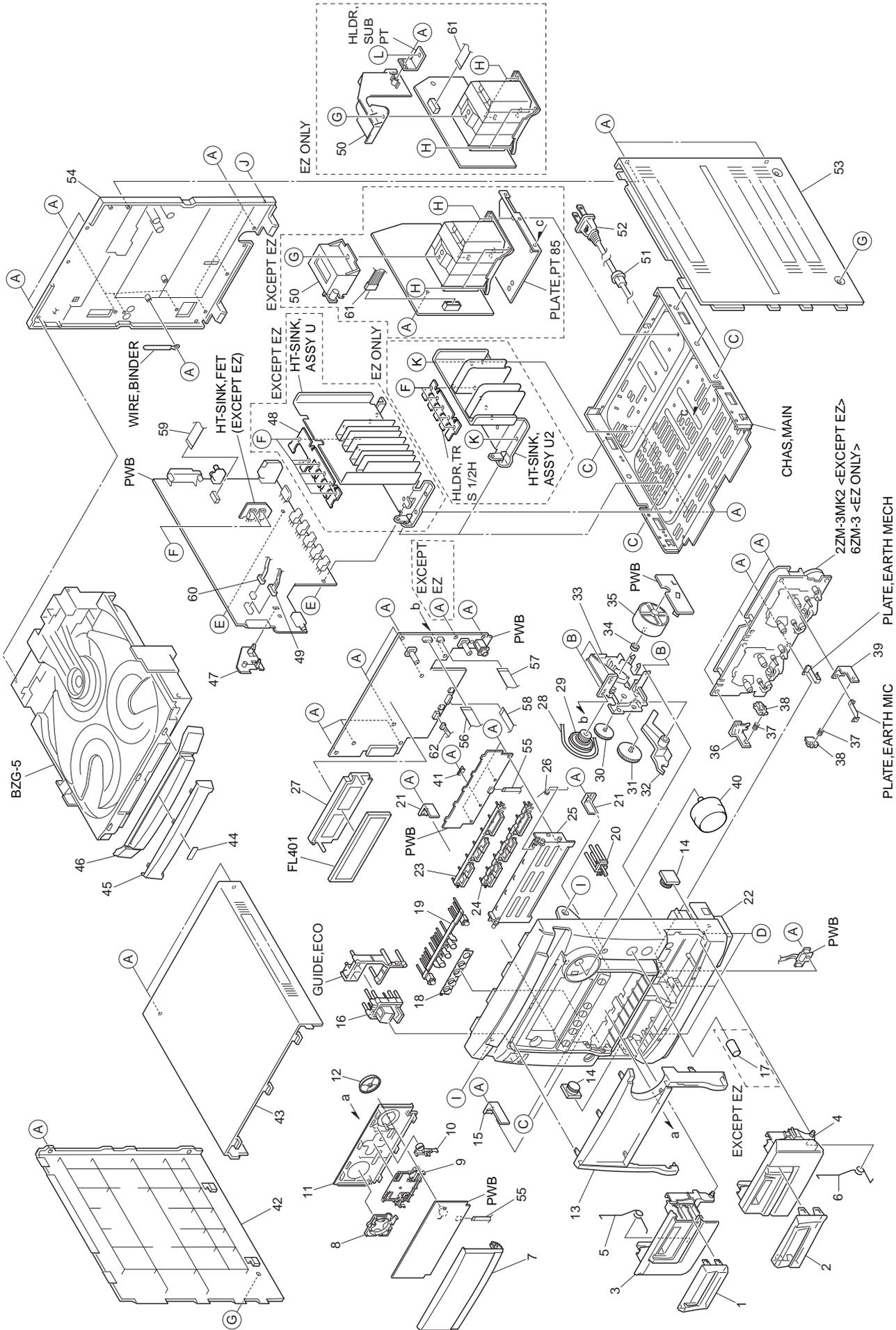
#### < FRONT SECTION >

##### 1. $\mu$ -CON OSC Adjustment

Settings : • Test point : TP7 (K-SCAN), TP8 (GND)  
• Adjustment location : L151

Method : Insert AC plug while pressing tuner function key and power key. Adjust L151 so that the frequency at the test point is 141.67 Hz  $\pm$  0.14 Hz.

MECHANICAL EXPLODED VIEW 1 / 1

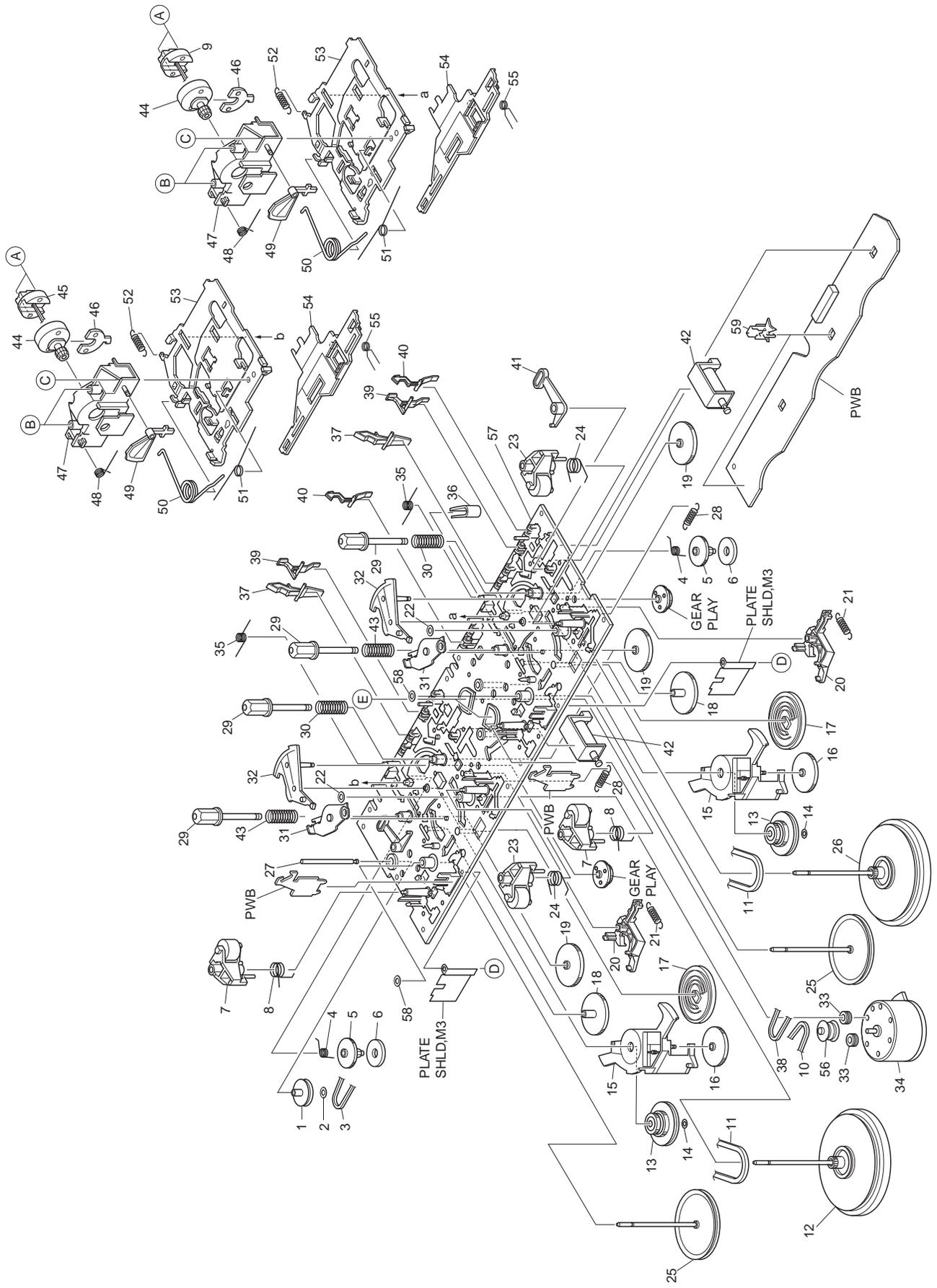


# MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8B-NF7-007-010		WINDOW,CASS 1	41	8B-NF7-222-010		HLDR,STOP
2	8B-NF7-008-010		WINDOW,CASS 2	42	8A-NF8-007-010		PANEL,LEFT V-2
3	8B-NF7-003-210		BOX,CASS 1 REV	43	8B-NF7-039-010		PANEL,TOP V-2 BNFK
4	8B-NF7-042-210		BOX,CASS 2 1WAY<EZ>	44	87-CE3-023-010		BADGE,AIWA 30N SILV
4	8B-NF7-004-210		BOX,CASS 2 REV<EXCEPT EZ>	45	8B-NF7-035-010		WINDOW,TRAY
5	8A-NF8-281-010		SPR-T,EJECT 1	46	8B-NF7-005-010		PANEL,TRAY
6	8A-NF8-282-010		SPR-T,EJECT 2	47	8A-NF8-206-010		HLDR,PWB M
7	8B-NFJ-048-010		PANEL,MOVE 1F EZ 702<EZ>	48	8B-NF7-239-210		HLDR,TR U<EXCEPT EZ>
7	8B-NFJ-016-010		PANEL,MOVE 1F H 705<HT,HS>	49	87-NF6-616-010		CONN ASSY,8P RPB<EXCEPT EZ>
7	8B-NFJ-017-010		PANEL,MOVE 1F HA<HA>	50	8B-NF7-208-010		HLDR,PT(76-60)<EZ>
8	8B-NF7-030-010		KEY,CD	50	8A-DB8-209-010		HLDR,PWB PT<EXCEPT EZ>
9	8B-NF7-022-110		KEY,ASSY OPE REV	51	87-085-185-010		BUSHING, AC CORD (E)
10	8B-NF7-031-010		KEY,ENTER	52	87-A80-105-010		AC CORD ASSY,AZ<HA>
11	8B-NF7-045-010		PANEL,MOVE 1R H<EXCEPT EZ>	52	87-A80-157-010		AC CORD ASSY,E BLK CC<HT,EZ>
11	8B-NF7-010-010		PANEL,MOVE 1R U<EZ>	52	87-A80-155-010		AC CORD ASSY,HS TS<HS>
12	8B-NF7-013-110		KNOB,RTRY JOG	53	8A-NF8-008-010		PANEL,RIGHT V-2
13	8B-NF7-067-010		WINDOW,DISP H<EZ,HA>	54	8B-NFJ-030-010		CABI,REAR EZ W/O SPEC<EZ>
13	8B-NFJ-021-010		WINDOW,DISP U<HT,HS>	54	8B-NFJ-042-110		CABI,REAR HSSM<HS>
14	8Z-NF6-210-010		DMPR,150 N	54	8B-NFJ-045-010		CABI,REAR HT W/O SPEC<HT>
15	8B-NF7-221-010		HLDR,PANEL	54	8B-NFJ-043-010		CABI,REAR LH W/O SPEC<HA>
16	8B-NF7-015-010		KEY,ASSY POWER	55	88-904-091-110		FF-CABLE,4P 1.25 90MM
17	8B-NF7-014-010		KNOB,RTRY MIC<EXCEPT EZ>	56	88-908-301-110		FF-CABLE,8P 1.25
18	8B-NFJ-010-010		RING,FUN 4	57	88-905-151-110		FF-CABLE, 5P 1.25 150MM
19	8B-NFJ-007-110		KEY,ASSY FUN 4	58	88-915-101-110		FF-CABLE, 15P 1.25 100MM<EXCEPT EZ>
20	8B-NF7-037-010		KEY,PANEL	58	88-911-101-110		FF-CABLE,11P 1.25<EZ>
21	8B-NF7-223-010		HLDR,PANEL 2	59	88-906-251-110		FF-CABLE,6P 1.25(RVS-FACE)
22	8B-NFJ-014-210		CABI,FR EZ<EZ>	60	87-NF6-615-010		CONN ASSY,3P PB<EXCEPT EZ>
22	8B-NFJ-012-210		CABI,FR H<HT,HS>	61	8A-NF8-653-010		CONN ASSY,9P TID-A(480)<EXCEPT EZ>
22	8B-NFJ-013-210		CABI,FR LH<HA>	61	8B-NFJ-620-010		FF-CABLE,9P 2.5 280MM<EZ>
23	8B-NF7-029-010		KEY,BBE	62	8B-NF7-620-010		CONN ASSY,3P V 120MM
24	8B-NF7-055-010		KEY,TIMER H<EXCEPT EZ>	A	87-067-703-010		BVT2+3-10 W/O SLOT
24	8B-NF7-032-010		KEY,TIMER U<EZ>	B	87-067-758-010		BVT2+3-12 W/O SLOT
25	8B-NFJ-027-110		PANEL,MOVE 2 EZ<EZ>	C	87-721-096-410		QT2+3-10 W/O SLOT
25	8B-NF7-086-110		PANEL,MOVE 2 LH<HA>	D	87-067-688-010		BVTT+3-6
25	8B-NFJ-026-110		PANEL,MOVE 2H<HT,HS>	E	87-NF4-224-010		S-SCREW,IT3B+3-8 CU
26	8B-NF7-220-010		SPR-T,OPEN	F	87-067-579-010		TAPPING SCREW, BVT2+3-8
27	8A-NF6-201-010		GUIDE,FL	G	87-067-641-010		UTT2+3-8(W/O SLOT)BL
28	8B-NF7-214-010		BELT,SQ 1.8-113.5	H	87-078-199-010		S-SCREW,ITC+4-10 R<EXCEPT EZ>
29	8B-NF7-213-010		PULLEY,RELAY	H	87-078-200-010		S-SCREW,ITC+4-8 R<EZ>
30	8B-NF7-212-010		GEAR,RELAY	I	87-721-097-410		QT2+3-12 GLD
31	8B-NF7-211-010		GEAR,PANEL	J	8A-NF7-251-010		W,3.2-8-0.45<HT,HS>
32	8B-NF7-217-110		LEVER,SW	K	87-B10-316-010		BVIT3B+3-10 R W/O<EZ>
33	8B-NF7-210-110		HLDR,MECHA	L	87-B10-315-010		BVIT3B+3-8 R W/O<EZ>
34	84-ZG1-267-010		PULLEY,LOAD MO 8				
35	87-045-305-010		MOTOR, RF-500TB DC-5V (2MA)				
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	8B-NF7-012-110		KNOB,RTRY VOL				

## COLOR NAME TABLE

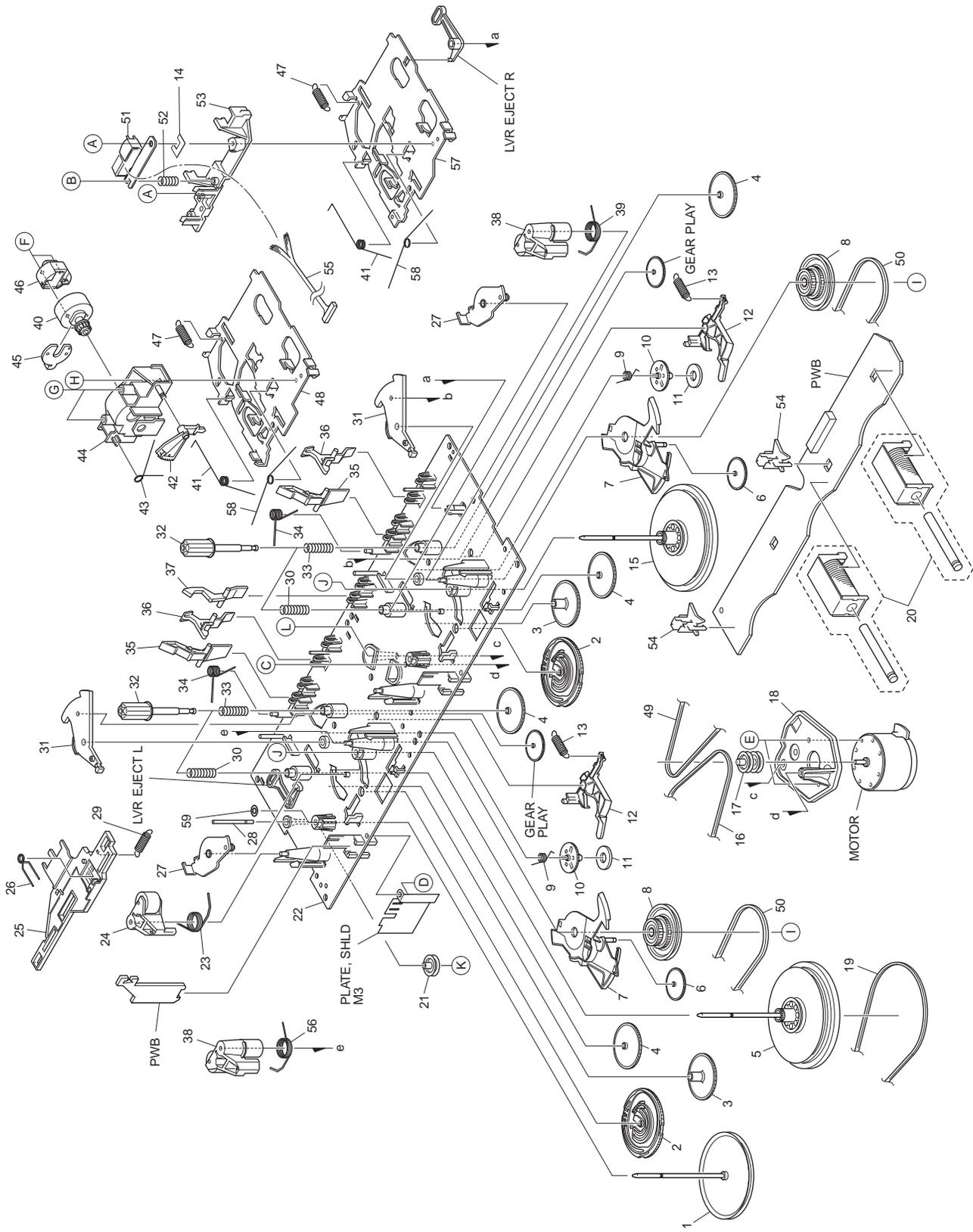
Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent 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	HT	Transparent Gray
HM	Metallic Gray	NH	Champagne Gold	M	Wood Pattern



TAPE MECHANISM PARTS LIST 1 / 1 <2ZM - 3MK2 : HA / HS / HT>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	82-ZM3-335-310		PULLEY, COUPLER M3	36	82-ZM3-340-010		SH, BELT D2
2	87-B10-043-010		W-P, 0.99-4-0.25 SLT	37	82-ZM1-242-010		LVR, CAS
3	86-ZM1-206-010		BELT, MAIN L	38	82-ZM3-329-410		BELT, SBU R2
4	82-ZM1-322-010		SPR-T, FR 60	39	82-ZM1-243-010		LVR, STOP
5	82-ZM1-220-210		GEAR, IDLER	40	82-ZM1-240-110		LVR, REC (*)
6	82-ZM3-616-010		RING MAGNET 4	41	82-ZM1-264-010		LVR, EJECT R
7	82-ZM1-341-210		LVR ASSY, PINCH L2	42	82-ZM3-627-010		SOL ASSY 27 SO
8	82-ZM1-258-210		SPR-T, PINCH L	43	82-ZM1-244-510		SPR-C, BT
9	87-A90-821-110		HEAD, RPH HADKH56 FPC	44	82-ZM1-208-310		HLDR, HEAD
10	82-ZM3-342-010		BELT, SBU MOT 3	45	87-A90-820-110		HEAD, PH HADKH25 FPC
11	82-ZM1-338-110		BELT, FR 4	46	82-ZM1-314-110		PLATE, HEAD
12	09-001-420-010		FLY-WHL, R ASSY	47	82-ZM1-207-910		GUIDE, TAPE
13	82-ZM3-333-310		SLIP DISK ASSY 2	48	82-ZM3-353-010		SPR-T, HEAD 2
14	82-ZM3-334-010		PW 2.16-6-0.4	49	82-ZM1-210-110		GEAR, H T
15	82-ZM3-306-110		LVR, FR M2	50	82-ZM1-219-110		SPR-T, LINK
16	82-ZM1-225-210		GEAR, FR	51	82-ZM1-269-210		SPR-T, BRG
17	82-ZM3-305-310		GEAR, CAM M2 (*)	52	82-ZM1-218-010		SPR-E, HB
18	82-ZM1-226-010		GEAR, REW	53	82-ZM1-206-910		CHAS, HEAD
19	82-ZM1-216-510		GEAR, REEL	54	82-ZM1-266-310		LVR, DIR
20	82-ZM1-227-310		LVR, TRIG	55	82-ZM1-214-010		SPR-T, DIR
21	82-ZM1-265-310		SPR-E, TRIG	56	82-ZM3-221-210		PULLEY, MOT 2M
22	80-ZM6-243-010		SH 1.75-3.6-0.5 SLT	57	82-ZM3-301-610		CHAS ASSY, M2
23	82-ZM1-344-210		LVR ASSY, PINCH R2	58	82-ZM1-288-010		SH, 1.63-3.2-0.5 SLT
24	82-ZM1-259-210		SPR-T, PINCH R	59	82-ZM3-351-010		HLDR, IC 2<HA>
25	82-ZM1-234-310		FLY-WHL, L ASSY	A	80-ZM6-207-010		V+1.6-7
26	82-ZM1-237-610		FLY-WHL, R ASSY	B	86-ZM4-206-110		S-SCREW, AZIMUTH L
27	82-ZM3-339-110		SHAFT, COUPLER N3	C	85-ZM3-202-010		S-SCREW, TG
28	82-ZM1-255-310		SPR-E, LVR DIR	D	82-ZM3-222-010		S-SCREW, SHILD PLATE
29	82-ZM1-217-410		REEL TABLE	E	82-ZM3-318-110		S-SCREW W, MOTOR M2
30	82-ZM1-285-410		SPR-C, BT L				
31	82-ZM1-333-210		PLATE, LINK2				
32	82-ZM1-222-310		LVR, PLAY (*)				
33	82-ZM3-307-010		CUSH-G, DIA3.7-8-3.2				
34	87-A92-321-010		MOT, SHU2L 60				
35	82-ZM1-257-010		SPR-T, CAS				

TAPE MECHANISM EXPLODED VIEW 1 / 1 <6ZM - 3 : EZ>



TAPE MECHANISM PARTS LIST 1 / 1 <6ZM - 3 : EZ>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	82-ZM1-234-310		FLY-WHL, L ASSY	41	82-ZM1-219-110		SPR-T, LINK
2	82-ZM3-305-310		GEAR, CAM M2 (*)	42	82-ZM1-210-110		GEAR, H T
3	82-ZM1-226-010		GEAR, REW	43	82-ZM3-353-010		SPR-T, HEAD
4	82-ZM1-216-510		GEAR, REEL	44	82-ZM1-207-910		GUIDE, TAPE
5	09-001-420-010		FLY-WHL, R ASSY	45	82-ZM1-314-110		PLATE, HEAD
6	82-ZM1-225-210		GEAR, FR	46	87-A92-196-010		HEAD, PH HADKH2604A FPC
7	82-ZM3-306-110		LVR, FR M2	47	82-ZM1-218-010		SPR-E, HB
8	82-ZM3-333-310		SLIP DISK ASSY 2	48	82-ZM1-206-910		CHAS, HEAD
9	82-ZM1-322-010		SPR-T, FR 60	49	86-ZM3-214-110		BELT, SBU RR
10	82-ZM1-220-210		GEAR, IDLER	50	82-ZM1-338-110		BELT, FR 4
11	82-ZM3-616-010		RING MAGNET 4	51	87-A92-195-010		HEAD, RPH HASVH5507A
12	82-ZM1-227-310		LVR, TRIG	52	86-ZM3-205-110		SPR-C, RPH S
13	82-ZM1-265-310		SPR-E, TRIG	53	86-ZM3-202-210		BASE, HEAD S
14	86-ZM3-219-010		PLATE, SPACER 0.1	54	82-ZM1-245-210		HLDL, IC
15	82-ZM1-237-610		FLY-WHL ASSY, RW	55	86-ZM3-605-110		CONN ASSY, 8P -RPB
16	86-ZM3-210-010		BELT, PS	56	82-ZM1-259-210		SPR-T, PINCH R
17	82-ZM3-221-210		PULLEY, MOT 2M 3	57	86-ZM3-201-010		CHAS, HEAD S
18	86-ZM3-203-010		HLDL, MOT S	58	82-ZM1-269-210		SPR-T, BRG
19	86-ZM1-206-010		BELT, MAIN L	59	82-ZM1-288-010		SH, 1.63-3.2-0.5 SLT
20	82-ZM3-627-010		SOL ASSY, 27 SO	A	86-ZM3-207-010		S-SCREW, RPH
21	82-ZM3-335-310		PULLEY, COUPLER M3	B	86-ZM3-209-010		S-SCREW, AZIMUTH S
22	86-ZM3-215-110		CHAS ASSY, RS	C	87-761-073-410		VFT2+2.6-8 W/O SLOT
23	82-ZM1-258-210		SPR-T, PINCH L	D	82-ZM3-222-010		S-SCREW, SHILD PLATE
24	82-ZM1-341-210		LVR ASSY, PINCH L2	E	87-251-071-410		U+2.6-4
25	82-ZM1-266-310		LVR, DIR	F	80-ZM6-207-010		V+1.6-7
26	82-ZM1-214-010		SPR-T, DIR	G	86-ZM4-206-010		S-SCREW, AZIMUTH L
27	82-ZM1-333-210		PLATE, LINK2	H	85-ZM3-202-010		S-SCREW, TG
28	82-ZM3-339-110		SHAFT, COUPLER N3	I	82-ZM3-334-010		PW 2.16-6-0.4
29	82-ZM1-255-310		SPR-E, LVR DIR	J	80-ZM6-243-010		SH 1.75-3.6-0.5 SLT
30	82-ZM1-285-410		SPR-C, BT L	K	87-B10-043-010		W-P, 0.99-4-0.25 SLT
31	82-ZM1-222-310		LVR, PLAY	L	86-ZM3-213-010		S-SCREW, HLDL MOT S
32	82-ZM1-217-410		REEL TABLE				
33	82-ZM1-244-510		SPR-C, BT				
34	82-ZM1-257-010		SPR-T, CAS				
35	82-ZM1-242-010		LVR, CAS				
36	82-ZM1-243-010		LVR, STOP				
37	82-ZM1-240-110		LVR, REC (*)				
38	82-ZM1-344-110		LVR ASSY, PINCH R2				
39	86-ZM3-204-010		SPR-E, LVR DIR				
40	82-ZM1-208-310		HLDL, HEAD				

## SPEAKER PARTS LIST <SX-WNSZ700 (YSL , Y1SL) , SX-WNSZ703 (YLSL)>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8B-NS8-001-010		PANEL, FR
2	8B-NS8-002-010		PANEL, SP A
3	8B-NS8-003-010		PANEL, SP B
4	8B-NS8-004-010		PANEL, DUCT
5	8B-NS8-007-010		PROTECTOR, M
6	8B-NS8-602-010		SPKR, W 160R 35/4<700Y1SL, 703YLSL>
6	8B-NS8-606-010		SPKR, W 160R 30/4<700YSL>
7	8B-NS8-604-010		SPKR, M 100W
8	88-NSK-610-010		SPKR, CERAMIC ASSY
9	88-NS5-610-010		CORD, SPKR

## ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8B-NFJ-901-010		IB, HT (EC) M<HT>
1	8B-NFJ-906-110		IB, EZ (9L) M<EZ>
1	8B-NFJ-909-010		IB, HS (K) M<HS>
1	8B-NFJ-930-010		IB, HA (S) KIT-NEA<HA>
2	8B-NF7-702-010		RC UNIT, RC-BAS02
△	3 87-A91-017-010		PLUG, CONVERSION JT-0476<HT>
4	87-043-115-010		FEEDER-ANT, FM<EXCEPT EZ>
4	87-A90-118-010		ANT, WIRE FM (Z) <EZ>
5	87-006-226-010		ANT, LOOP AM<HT>
5	87-006-268-010		ANT, LOOP AM<EXCEPT HT>
6	87-A90-119-010		ANT, WIRE SW (5M) <HT>



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