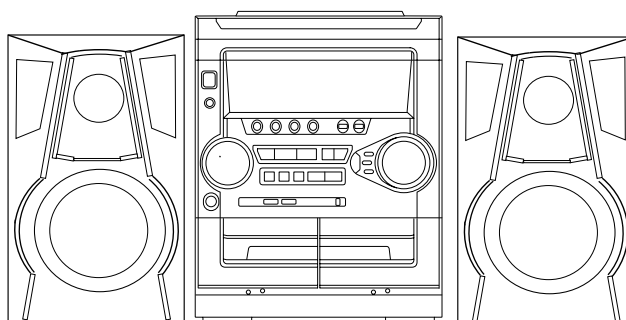




SERVICE MANUAL

COMPACT DISC
STEREO SYSTEM

BASIC TAPE MECHANISM : ZZM-3 PR1NM
BASIC CD MECHANISM : AZG-1 ZD3RDM

SYSTEM	CD CASSEIVER	SPEAKER	REMOTE CONTROLLER
NSX-AJ22	CX-NAJ22	SX-R140 SX-NAJ33	RC-ZAS02

- This Service Manual is the "Supplement" and replaces "Simple Manual" (S/M Code No. 09-007-423-4T5).
- This Service Manual contains information about the difference between NSX-AJ22 (U) and NSX-AJ20 (U). If requiring the other information, see Service Manual of NSX-AJ20/SZ20 (U,LH), (S/M Code No.09-001-423-4R1).
- 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. 09-008-423-4S1

SUPPLEMENT
DATA

SPECIFICATIONS

<FM tuner section>

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

<AM 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

<Amplifier section>

Power output	60 W + 60 W (50 Hz - 20 kHz, THD less than 1%, 6 ohms) 75 W + 75 W (1 kHz, THD less than 10%, 6 ohms)
Total harmonic distortion	0.08% (30 W, 1 kHz, 6 ohms, DIN AUDIO)
Inputs	VIDEO/AUX: 500 mV
Outputs	SPEAKERS: accept speakers of 6 ohms or more SURROUND SPEAKERS accept speakers of 8 ohms to 16 ohms PHONES (stereo jack): accepts headphones of 32 ohms or more

<Cassette deck section>

Track format	4 tracks, 2 channels stereo
Frequency response	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 ($\lambda = 780$ nm)
D-A converter	1 bit dual
Signal-to-noise ratio	85 dB (1 kHz, 0 dB)
Harmonic distortion	0.05 % (1 kHz, 0 dB)

<General>

Power requirements	120 V AC, 60 Hz
Power consumption	85 W
Power consumption in standby mode	15 W with power-economizing mode off 0.9 W with power-economizing mode on
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	6.6 kg (14 lbs 2 oz.)

<Speaker system SX-NAJ33>

Speaker System	3 way, bass reflex (magnetic shielded type)
Speaker units	Woofer: 140 mm (5 ⁵ / ₈ in.) cone type Tweeter: 60mm (2 ³ / ₈ in.) cone type Super tweeter: 20 mm (1 ³ / ₁₆ in.) ceramic type 6 ohms
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.)

• Design and specifications are subject to change without notice.

• The word "BBE" and the "BBE symbol" are trademarks of BBE Sound, Inc.
Under license from BBE Sound, Inc.

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C34	87-010-247-080		CAP, ELECT 100-50V
	87-A21-355-010		IC,STK490-140	C35	87-010-380-080		CAP, ELECT 47-16 M
	87-A21-419-040		C-IC,NJM14558MD-TE2	C36	87-010-381-080		CAP, ELECT 330-16V
	87-A21-401-040		C-IC,M61503FP	C38	87-010-197-080		CAP, CHIP 0.01-25 K B
	87-A21-560-010		IC,LA1844L-A	C60	87-010-403-080		CAP, ELECT 3.3-50V
	8A-NF9-604-010		C-IC,UPD780226GF-015-3BA				
	87-A21-482-010		IC,RPM6938-H4	C61	87-010-260-080		CAP, ELECT 47-25V
	87-070-127-110		IC,LC72131 D	C97	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A21-269-010		IC,EW732	C101	87-010-185-080		C-CAP,S 3900P-50 K B
				C102	87-010-185-080		C-CAP,S 3900P-50 K B
				C103	87-010-545-080		CAP, ELECT 0.22-50M
TRANSISTOR				C104	87-010-545-080		CAP, ELECT 0.22-50M
	87-026-609-080		TR,KTA1266GR	C105	87-010-187-080		CHIP CAP 5600P-50 K B
	89-213-702-010		TR,2SB1370 (1.8W)	C106	87-010-187-080		CHIP CAP 5600P-50 K B
	87-026-610-080		TR,KTC3198GR	C107	87-010-404-080		CAP, ELECT 4.7-50V
	87-A30-076-080		C-TR,2SC3052F	C108	87-010-404-080		CAP, ELECT 4.7-50V
	87-A30-075-080		C-TR,2SA1235F				
	87-A30-074-080		C-TR,RT1P 141C	C109	87-010-179-080		C-CAP,S 1200P-50 K B
	87-A30-107-070		C-TR,CMBT5401	C110	87-010-179-080		C-CAP,S 1200P-50 K B
	87-A30-106-040		C-TR,CMBT5551	C111	87-010-391-080		CAP,E 10-35 SME
	87-026-235-080		CHIP-TR,DTC114EK	C112	87-010-391-080		CAP,E 10-35 SME
	87-A30-087-080		C-FET,2SK2158	C113	87-010-866-080		CAP, ELECT 10-63
	87-A30-091-080		FET,2SJ460				
	87-A30-090-080		FET,2SK2541	C114	87-010-866-080		CAP, ELECT 10-63
	87-A30-318-080		TR,CSA952K	C119	87-A10-801-080		C-CAP,S 0.022-16 J B
	87-A30-329-080		TR,CD1585BC	C120	87-A10-801-080		C-CAP,S 0.022-16 J B
	89-327-143-080		TR,2SC2714 (0.1W)	C125	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-072-080		C-TR,RT1P 144C	C126	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-234-080		TR,CSC4115BC				
	87-A30-468-080		C-TR,KRC102S-RTK	C127	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-062-080		C-TR,KRC104S	C128	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-495-080		TR,2SA1981Y	C129	87-010-191-080		C-CAP,S 0.015-50 F
	87-A30-492-080		TR,2SC5343G	C130	87-010-191-080		C-CAP,S 0.015-50 F
				C131	87-010-197-080		CAP, CHIP 0.01-25 K B
DIODE				C132	87-010-197-080		CAP, CHIP 0.01-25 K B
	87-A40-393-090		DIODE,1N5402GW (F20)	C133	87-010-186-080		CAP,CHIP 4700P-50 K
	87-A40-553-080		DIODE,1N4003 LES	C140	87-010-182-080		C-CAP,S 2200P-50 B
	87-A40-776-080		ZENER,UZ27BSD	C141	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A40-764-080		ZENER,UZ10BSC	C235	87-010-408-080		CAP, ELECT 47-50V
	87-A40-313-080		C-DIODE,MC 2840				
	87-A40-270-080		C-DIODE,MC2838	C236	87-010-408-080		CAP, ELECT 47-50V
	87-A40-269-080		C-DIODE,MC2836	C239	87-010-196-080		CHIP CAPACITOR,0.1-25
	87-A40-752-080		ZENER,UZ6.2BSC	C301	87-010-178-080		C-CAP,S 1000-50 K B
	87-A40-739-080		ZENER,UZ2.7BSA	C302	87-010-178-080		C-CAP,S 1000-50 K B
	87-017-149-080		ZENER,HZS6A2L	C303	87-010-178-080		C-CAP,S 1000-50 K B
	87-020-465-080		DIODE,1SS133				
	87-A40-854-080		ZENER,UZ15BSA	C304	87-010-178-080		C-CAP,S 1000-50 K B
MAIN C.B				C307	87-010-263-080		CAP, ELECT 100-10V
C3	87-012-368-080		C-CAP,S 0.1-50 F	C308	87-010-263-080		CAP, ELECT 100-10V
C4	87-012-368-080		C-CAP,S 0.1-50 F	C309	87-010-318-080		C-CAP,S 47P-50 CH
C5	87-012-368-080		C-CAP,S 0.1-50 F	C310	87-010-318-080		C-CAP,S 47P-50 CH
C6	87-012-368-080		C-CAP,S 0.1-50 F				
C9	87-012-368-080		C-CAP,S 0.1-50 F	C313	87-010-188-080		CAP,CHIP 6800P-50 K
C10	87-012-368-080		C-CAP,S 0.1-50 F	C314	87-010-188-080		CAP,CHIP 6800P-50 K
C11	87-012-368-080		C-CAP,S 0.1-50 F	C315	87-010-263-080		CAP, ELECT 100-10V
C12	87-012-368-080		C-CAP,S 0.1-50 F	C317	87-010-546-080		CAP, ELECT 0.33-50V
C19	87-A12-036-000		CAP,E 2200-63 SMG	C318	87-010-546-080		CAP, ELECT 0.33-50V
C20	87-A12-036-000		CAP,E 2200-63 SMG				
C21	87-A10-520-000		CAP,E 3300-35 M SMG	C326	87-010-198-080		CAP, CHIP 0.022-25 K
C22	87-A10-520-000		CAP,E 3300-35 M SMG	C327	87-012-368-080		C-CAP,S 0.1-50 F
C25	87-010-385-080		CAP, ELECT 220-25V	C360	87-010-401-080		CAP, ELECT 1-50V
C26	87-010-247-080		CAP, ELECT 100-50V	C399	87-012-140-080		C-CAP,S 470P-50 J
C30	87-010-430-080		CAP, ELECT 100-63	C401	87-010-544-080		CAP, ELECT 0.1-50V
C31	87-010-263-080		CAP, ELECT 100-10V				
C32	87-010-197-080		CAP, CHIP 0.01-25 K B	C402	87-010-544-080		CAP, ELECT 0.1-50V
C33	87-010-263-080		CAP, ELECT 100-10V	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

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C456	87-010-197-080		CAP, CHIP 0.01-25 K B	C961	87-010-152-080		C-CAP,S 8P-50 CH
C460	87-010-196-080		CHIP CAPACITOR,0.1-25	C963	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z
C461	87-012-158-080		C-CAP,S 390P-50 CH	C971	87-010-381-080		CAP, ELECT 330-16V
C462	87-012-158-080		C-CAP,S 390P-50 CH	C972	87-010-404-080		CAP, ELECT 4.7-50V
C470	87-018-127-080		CAP,TC U 470P-50	C973	87-010-197-080		CAP, CHIP 0.01-25 K B
C605	87-010-184-080		CAP,CHIP S 3300P-50 K B	C974	87-010-197-080		CAP, CHIP 0.01-25 K B
C606	87-010-184-080		CAP,CHIP S 3300P-50 K B	C979	87-010-322-080		C-CAP,S 100P-50 CH
C609	87-010-213-080		C-CAP,S 0.015-50 B	C981	87-010-260-080		CAP, ELECT 47-25V
C610	87-010-213-080		C-CAP,S 0.015-50 B	C982	87-010-196-080		CHIP CAPACITOR,0.1-25
C611	87-010-545-080		CAP, ELECT 0.22-50V	C983	87-010-197-080		CAP, CHIP 0.01-25 K B
C612	87-010-545-080		CAP, ELECT 0.22-50V	C984	87-010-197-080		CAP, CHIP 0.01-25 K B
C613	87-010-545-080		CAP, ELECT 0.22-50V	C987	87-010-197-080		CAP, CHIP 0.01-25 K B
C614	87-010-545-080		CAP, ELECT 0.22-50V	C991	87-010-312-080		C-CAP,S 15P-50 CH
C615	87-010-154-080		CAP CHIP 10P-50 CH	C992	87-010-312-080		C-CAP,S 15P-50 CH
C616	87-010-221-080		CAP, ELECT 470-10 M	C993	87-010-178-080		CHIP CAP 1000P-50 K B
C617	87-010-221-080		CAP, ELECT 470-10 M	C995	87-010-178-080		CHIP CAP 1000P-50 K B
C618	87-010-405-080		CAP, ELECT 10-50V	C997	87-010-196-080		CHIP CAPACITOR,0.1-25
C630	87-016-669-080		C-CAP,S 0.1-25 K B	C998	87-010-260-080		CAP, ELECT 47-25V
C631	87-010-185-080		C-CAP,S 3900P-50 B	C999	87-A11-155-080		CAP,TC U 0.01-16 Z F
C632	87-010-185-080		C-CAP,S 3900P-50 B	CF831	87-008-261-010		FILTER, SFE10.7MA5-A
C633	87-016-369-080		C-CAP,S 0.033-25 K B	CF832	87-008-261-010		FILTER, SFE10.7MA5-A
C634	87-016-369-080		C-CAP,S 0.033-25 K B	CN301	87-A60-620-010		CONN,3P V 2MM JMT
C669	87-010-322-080		C-CAP,S 100P-50 CH	CN351	87-A60-625-010		CONN,8P V 2MM JMT
C670	87-010-322-080		C-CAP,S 100P-50 CH	CN601	87-099-719-010		CONN,30P TYK-B(X)
C677	87-010-197-080		CAP, CHIP 0.01-25 K B	CN602	87-A60-131-010		CONN,6P V FE
C771	87-010-263-080		CAP, ELECT 100-10V	FC602	88-906-251-110		FF-CABLE,6P 1.25
C772	87-010-197-080		CAP, CHIP 0.01-25 K B	FFE831	A8-8ZA-190-030		8ZA-1 FEUNM
C782	87-010-197-080		CAP, CHIP 0.01-25 K B	J202	87-A60-488-010		JACK,DIAG.3 BLK ST W/SW KM16AT
C783	87-010-197-080		CAP, CHIP 0.01-25 K B	J203	87-A60-238-010		TERMINAL,SP 4P (MSC)
C784	87-010-197-080		CAP, CHIP 0.01-25 K B	J205	87-A60-881-010		JACK,PIN 2P MSP 242V05 PBSN
C785	87-010-197-080		CAP, CHIP 0.01-25 K B	J602	87-A60-881-010		JACK,PIN 2P MSP 242V05 PBSN
C786	87-010-197-080		CAP, CHIP 0.01-25 K B	J831	87-A60-202-010		TERMINAL,ANT 4P MSP-154V-02
C788	87-010-149-080		C-CAP,S 5P-50 CH	L101	87-A50-610-010		COIL,1UH-K(MDEC)
C789	87-A12-052-080		C-CAP,S 0.033-25 J B	L102	87-A50-610-010		COIL,1UH-K(MDEC)
C790	87-A12-052-080		C-CAP,S 0.033-25 J B	L451	87-007-342-010		COIL,OSC 85K BIAS
C791	87-010-196-080		CHIP CAPACITOR,0.1-25	L801	87-A50-608-010		COIL,FM DET-N(TOK)
C792	87-010-197-080		CAP, CHIP 0.01-25 K B	L802	87-A91-551-010		FLTR,PCFJZH-450 L(TOK)
C793	87-010-404-080		CAP, ELECT 4.7-50V	L811	87-005-847-080		COIL,2.2UH(CECS)
C795	87-010-197-080		CAP, CHIP 0.01-25 K B	L832	87-005-847-080		COIL,2.2UH(CECS)
C796	87-010-197-080		CAP, CHIP 0.01-25 K B	L951	8A-NF8-667-010		COIL,AM PACK 4(TOK)
C797	87-010-405-080		CAP, ELECT 10-50V	R129	87-A00-669-080		RES,M/F 0.22-2W J RA
C798	87-010-197-080		CAP, CHIP 0.01-25 K B	R130	87-A00-669-080		RES,M/F 0.22-2W J RA
C799	87-010-407-080		CAP, ELECT 33-50V	R131	87-A00-669-080		RES,M/F 0.22-2W J RA
C800	87-012-369-080		C-CAP,S 0.047-50F	R132	87-A00-669-080		RES,M/F 0.22-2W J RA
C801	87-010-403-080		CAP, ELECT 3.3-50V	R143	87-A00-440-050		RES,220-1/2W J RP
C802	87-010-194-080		CAP, CHIP 0.047-25 Z F	R144	87-A00-440-050		RES,220-1/2W J RP
C803	87-010-198-080		CAP, CHIP 0.022-25 K B	R145	87-A00-440-050		RES,220-1/2W J RP
C804	87-010-263-080		CAP, ELECT 100-10V	R146	87-A00-440-050		RES,220-1/2W J RP
C807	87-010-400-080		CAP, ELECT 0.47-50V	R653	87-A11-144-080		CAP,TC U 0.1-50 K B
C808	87-010-401-080		CAP, ELECT 1-50V	R654	87-A11-144-080		CAP,TC U 0.1-50 K B
C809	87-010-401-080		CAP, ELECT 1-50V	R790	87-010-197-080		CAP, CHIP 0.01 DM
C810	87-010-196-080		CHIP CAPACITOR,0.1-25	R991	87-010-322-080		C-CAP,S 100P-50 CH
C814	87-010-197-080		CAP, CHIP 0.01-25 K B	R993	87-010-322-080		C-CAP,S 100P-50 CH
C815	87-010-400-080		CAP, ELECT 0.47-50 M	R995	87-010-322-080		C-CAP,S 100P-50 CH
C816	87-010-400-080		CAP, ELECT 0.47-50 M	SFR451	87-A90-432-080		SFR,30K H NVZ6TLTA
C821	87-010-405-080		CAP, ELECT 10-50V	SFR452	87-A90-432-080		SFR,30K H NVZ6TLTA
C823	87-010-177-080		C-CAP,S 820P-50 SL	W99	8A-NF9-609-010		F-CABLE,9P 2.5 480MM
C824	87-010-404-080		CAP, ELECT 4.7-50V	WH1	87-A90-510-010		HLDR,WIRE 2.5-9P
C825	87-010-596-080		CAP, S 0.047-16	X991	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309
C842	87-010-197-080		CAP, CHIP 0.01-25 K B				
C844	87-010-197-080		CAP, CHIP 0.01-25 K B	FRONT C.B			
C850	87-010-260-080		CAP, ELECT 47-25V				
C851	87-010-197-080		CAP, CHIP 0.01-25 K B	C101	87-010-196-080		CHIP CAPACITOR,0.1-25
C852	87-010-197-080		CAP, CHIP 0.01-25 K B	C102	87-010-196-080		CHIP CAPACITOR,0.1-25
C853	87-010-197-080		CAP, CHIP 0.01-25 K B	C103	87-010-498-040		CAP,E 10-16 M 5L
C858	87-010-196-080		CHIP CAPACITOR,0.1-25	C104	87-010-196-080		CHIP CAPACITOR,0.1-25
C859	87-010-196-080		CHIP CAPACITOR,0.1-25	C107	87-010-493-040		CAP,E 0.47-50 M 5L
C860	87-010-197-080		CAP, CHIP 0.01-25 K B	C108	87-012-393-080		C-CAP,S 0.22-16 K
C959	87-010-196-080		CHIP CAPACITOR,0.1-25	C153	87-010-198-080		CAP, CHIP 0.022-25 K B
C960	87-010-196-080		CHIP CAPACITOR,0.1-25	C154	87-010-246-040		CAP,E 47-35 SME

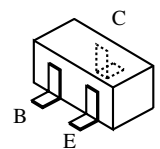
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C155	87-010-404-040		CAP,E 4.7-50 SME	S343	87-A90-164-080		SW,TACT SKQAB(N)
C156	87-010-404-040		CAP,E 4.7-50 SME	S344	87-A90-164-080		SW,TACT SKQAB(N)
C361	87-010-178-080		CHIP CAP 1000P-50 K B	S345	87-A90-164-080		SW,TACT SKQAB(N)
C362	87-010-178-080		CHIP CAP 1000P-50 K B	S346	87-A90-164-080		SW,TACT SKQAB(N)
C371	87-010-178-080		CHIP CAP 1000P-50 K B	S347	87-A90-164-080		SW,TACT SKQAB(N)
C372	87-010-178-080		CHIP CAP 1000P-50 K B	S348	87-A90-164-080		SW,TACT SKQAB(N)
C601	87-010-382-040		CAP,E 22-25 SME	S349	87-A90-164-080		SW,TACT SKQAB(N)
C801	87-010-195-080		C-CAP,S 0.068-25 F	S350	87-A90-164-080		SW,TACT SKQAB(N)
C802	87-010-195-080		C-CAP,S 0.068-25 F	S361	87-A91-633-010		SW,RTRY XRE012103PVB25FINA 1-2
C803	87-010-402-040		CAP,E 2.2-50 SME	S371	87-A91-632-010		SW,RTRY XRE012103PVB25FINB 1-2
C804	87-010-402-040		CAP,E 2.2-50 SME				
C805	87-010-196-080		CHIP CAPACITOR,0.1-25	PT C.B			
C806	87-010-196-080		CHIP CAPACITOR,0.1-25				
C810	87-010-379-040		CAP,E 22-16 M	C183	87-010-387-080		CAP,E 470-25 SME
C901	87-010-322-080		C-CAP,S 100P-50 CH	C184	87-010-403-080		CAP, ELECT 3.3-50V
C902	87-010-322-080		C-CAP,S 100P-50 CH	△ PT1	8A-NF9-612-010		PT,ANF-9 U
C903	87-010-322-080		C-CAP,S 100P-50 CH	△ PT181	8A-NF8-661-010		PT,SUB ANF-8 (U)
C904	87-010-322-080		C-CAP,S 100P-50 CH	△ RY181	87-A91-418-010		RELAY,AC12V G5PA-1-M
C905	87-010-322-080		C-CAP,S 100P-50 CH				
C906	87-010-322-080		C-CAP,S 100P-50 CH	△ T181	87-A60-317-010		TERMINAL, 1P MSC
C907	87-010-322-080		C-CAP,S 100P-50 CH	△ T182	87-A60-317-010		TERMINAL, 1P MSC
C908	87-010-322-080		C-CAP,S 100P-50 CH	WH181	87-A90-510-010		HLDR,WIRE 2.5-9P
C909	87-010-322-080		C-CAP,S 100P-50 CH				
C910	87-010-322-080		C-CAP,S 100P-50 CH	DECK C.B			
C911	87-010-178-080		CHIP CAP 1000P-50 K B	CN1	87-099-753-010		CONN,11P H 9604
C912	87-010-196-080		CHIP CAPACITOR,0.1-25	SFR1	87-024-581-010		SFR,3.3K DIA6V K0A
C913	87-010-248-040		CAP,E 220-10 SME	SOL1	82-ZM1-618-410		SOL ASSY,27
C914	87-010-248-040		CAP,E 220-10 SME	SOL2	82-ZM1-618-410		SOL ASSY,27
C915	87-010-196-080		CHIP CAPACITOR,0.1-25	SW1	87-A90-673-010		SW,MICRO ESE11SH1C
C916	87-010-196-080		CHIP CAPACITOR,0.1-25				
C917	87-010-196-080		CHIP CAPACITOR,0.1-25	SW2	87-A91-500-010		SW,MICRO MPU11470MLB0
C919	87-010-197-080		CAP, CHIP 0.01-25 K B	SW3	87-A91-500-010		SW,MICRO MPU11470MLB0
C920	87-012-369-080		C-CAP,S 0.047-50 Z F	SW4	87-A91-500-010		SW,MICRO MPU11470MLB0
C921	87-010-186-080		CAP,CHIP 4700P-50 K B	SW5	87-A90-673-010		SW,MICRO ESE11SH1C
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 SKQAB(N)				
S302	87-A90-164-080		SW,TACT SKQAB(N)				
S303	87-A90-164-080		SW,TACT SKQAB(N)				
S304	87-A90-164-080		SW,TACT SKQAB(N)				
S305	87-A90-164-080		SW,TACT SKQAB(N)				
S306	87-A90-164-080		SW,TACT SKQAB(N)				
S307	87-A90-164-080		SW,TACT SKQAB(N)				
S308	87-A90-164-080		SW,TACT SKQAB(N)				
S309	87-A90-164-080		SW,TACT SKQAB(N)				
S321	87-A90-164-080		SW,TACT SKQAB(N)				
S322	87-A90-164-080		SW,TACT SKQAB(N)				
S323	87-A90-164-080		SW,TACT SKQAB(N)				
S324	87-A90-164-080		SW,TACT SKQAB(N)				
S325	87-A90-164-080		SW,TACT SKQAB(N)				
S326	87-A90-164-080		SW,TACT SKQAB(N)				
S341	87-A90-164-080		SW,TACT SKQAB(N)				
S342	87-A90-164-080		SW,TACT SKQAB(N)				

TRANSISTOR ILLUSTRATION



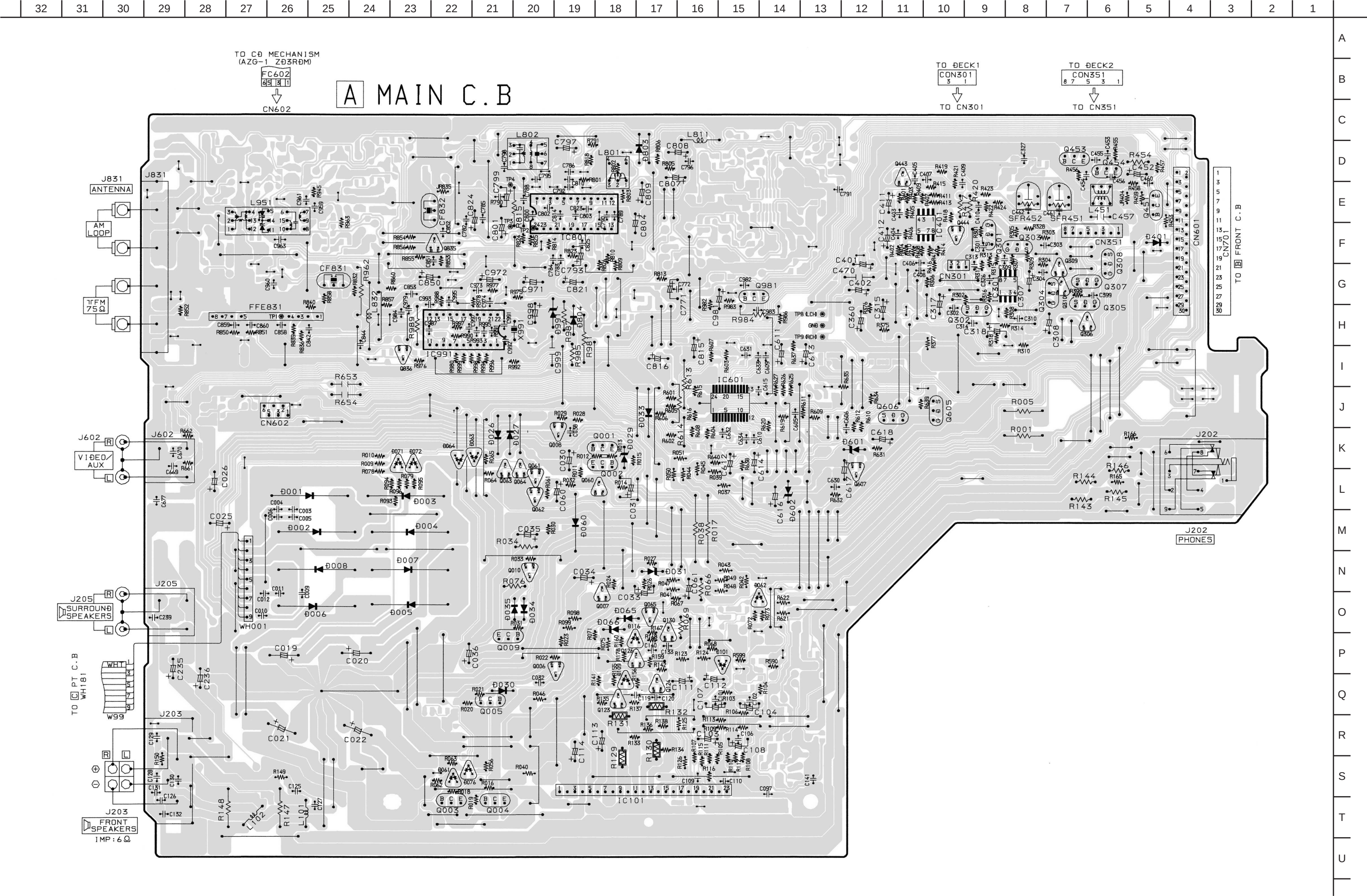
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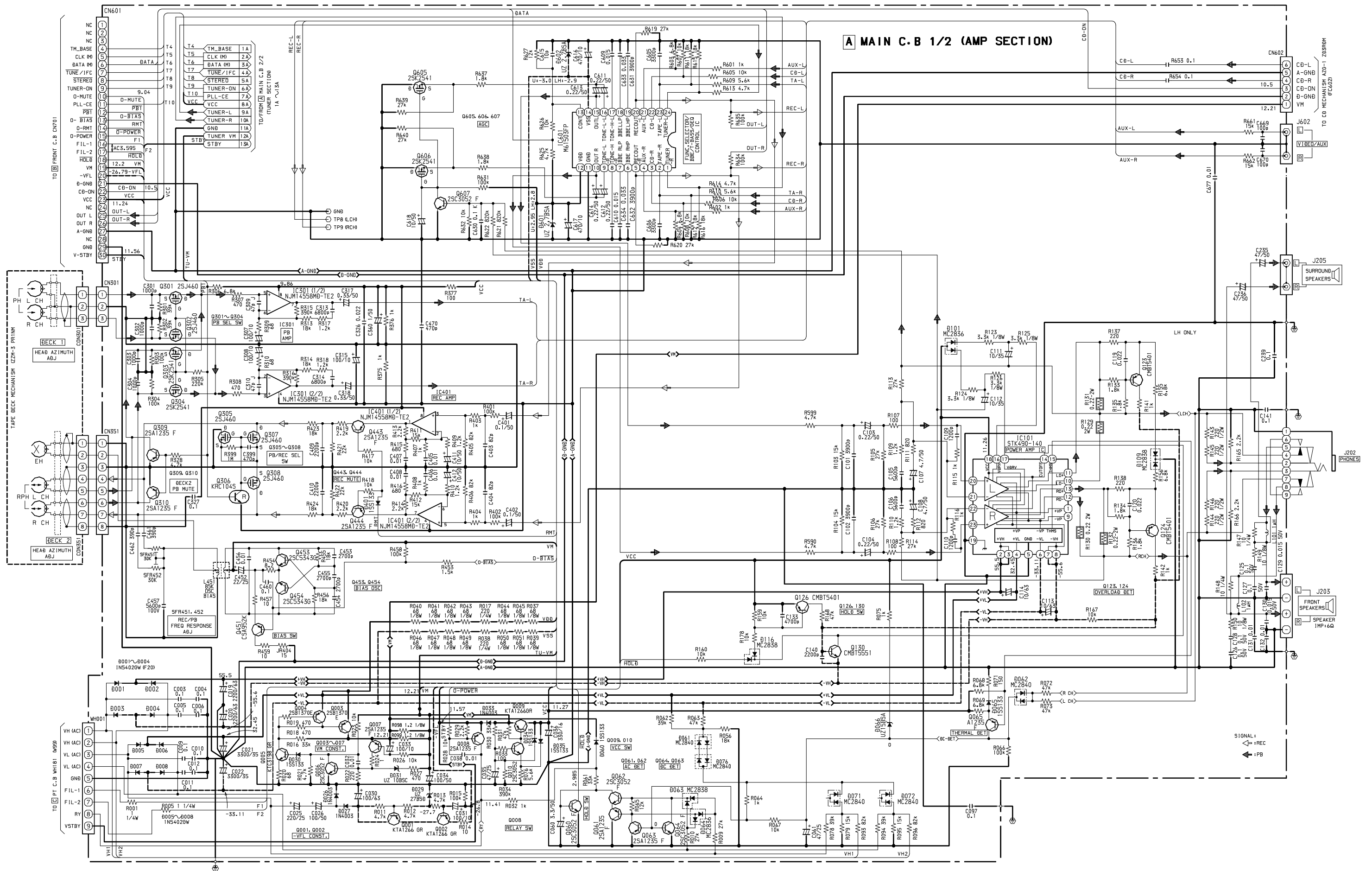


KRC102S-RTK
KRC104S

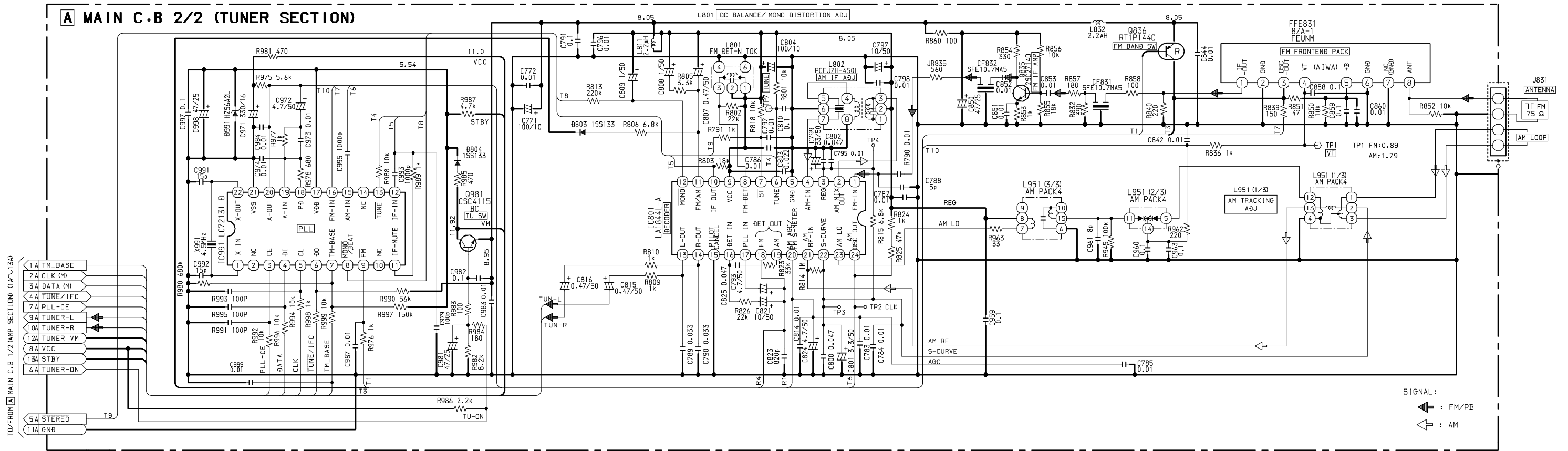
WIRING – 1 (MAIN)

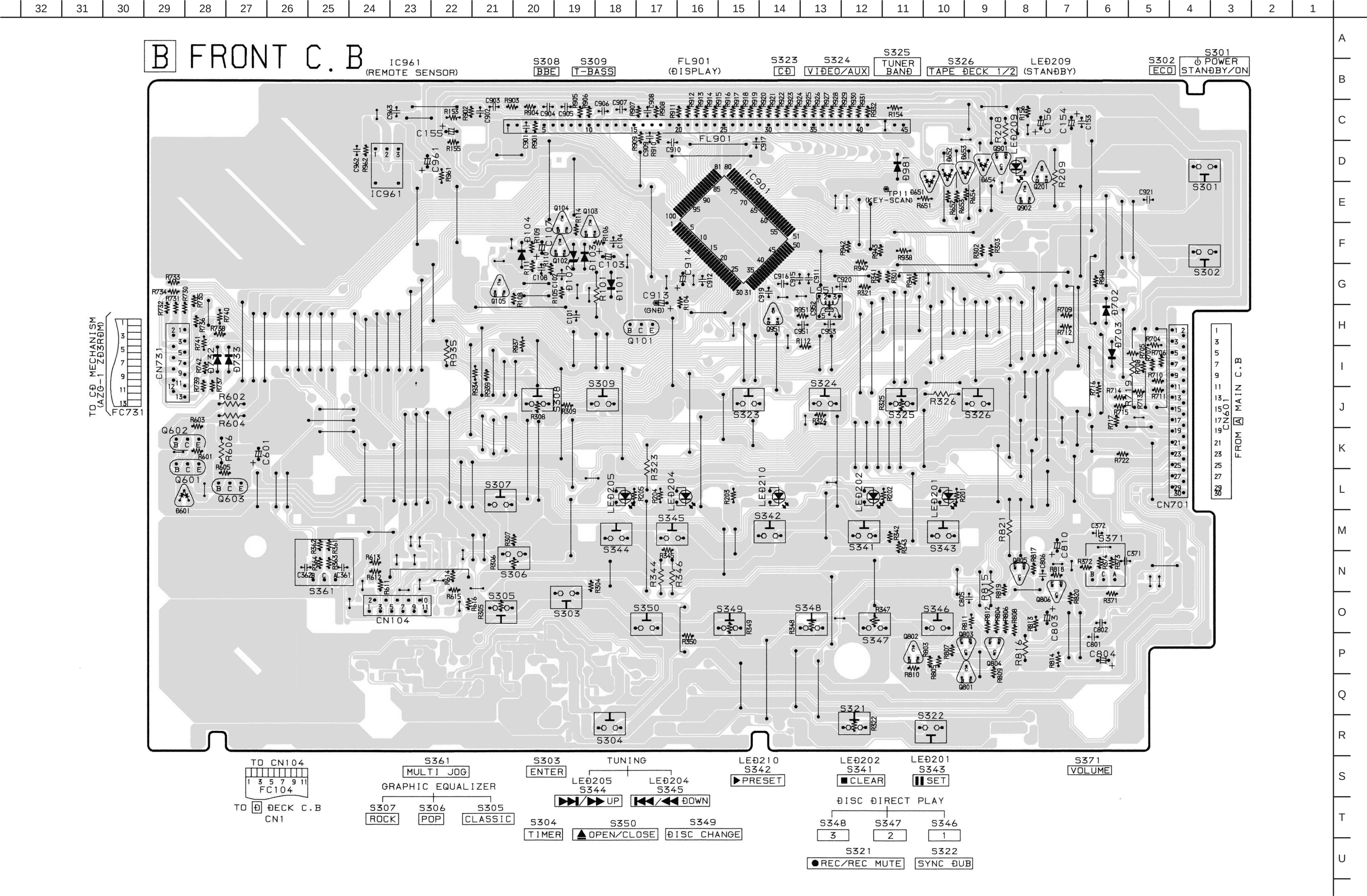


SCHEMATIC DIAGRAM-1 (MAIN 1 / 2 : AMP)

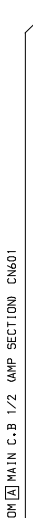


SCHEMATIC DIAGRAM-2 (MAIN 2 / 2: TUNER)

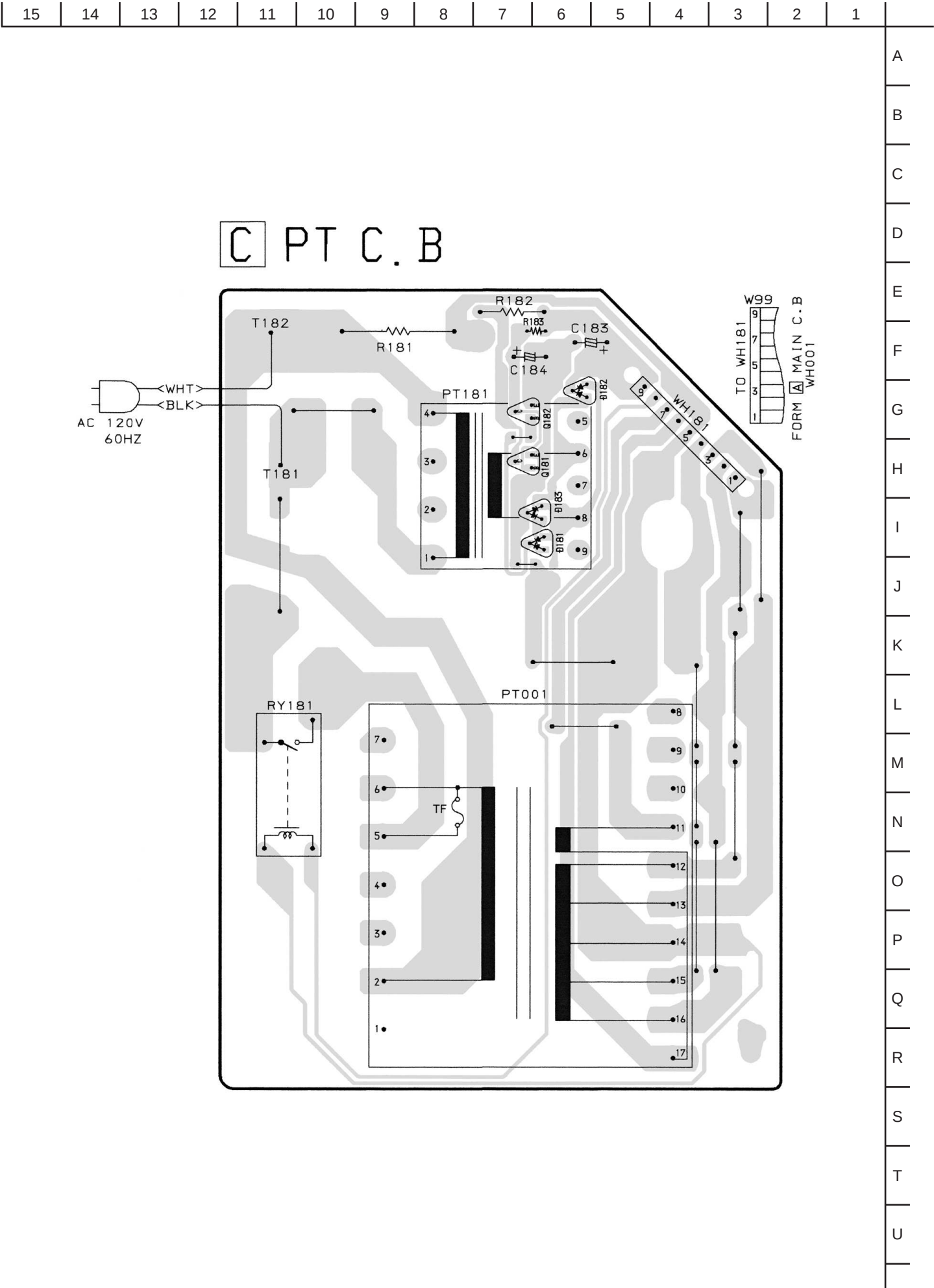




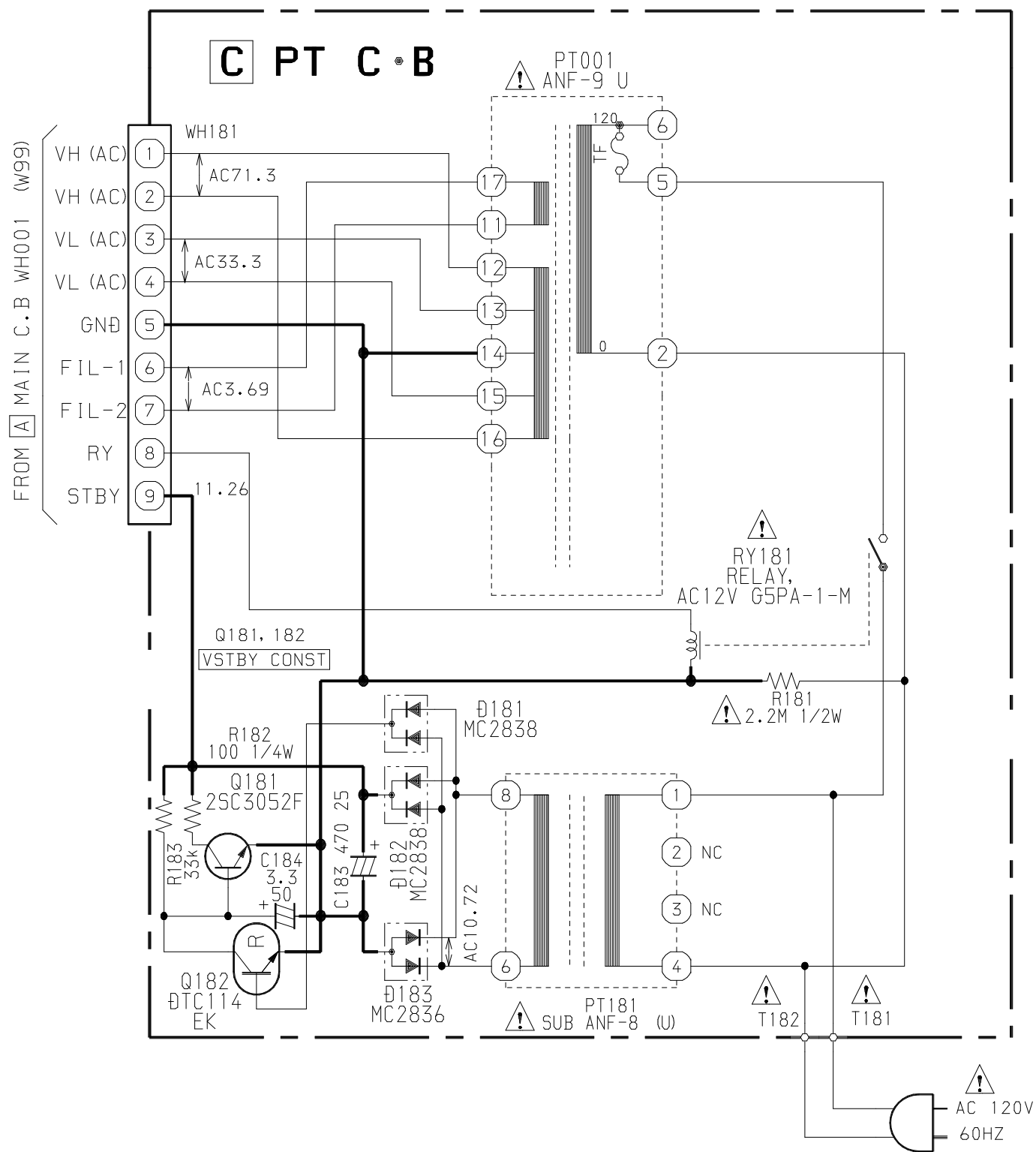
SCHEMATIC DIAGRAM – 3 (FRONT)



WIRING – 3 (PT)

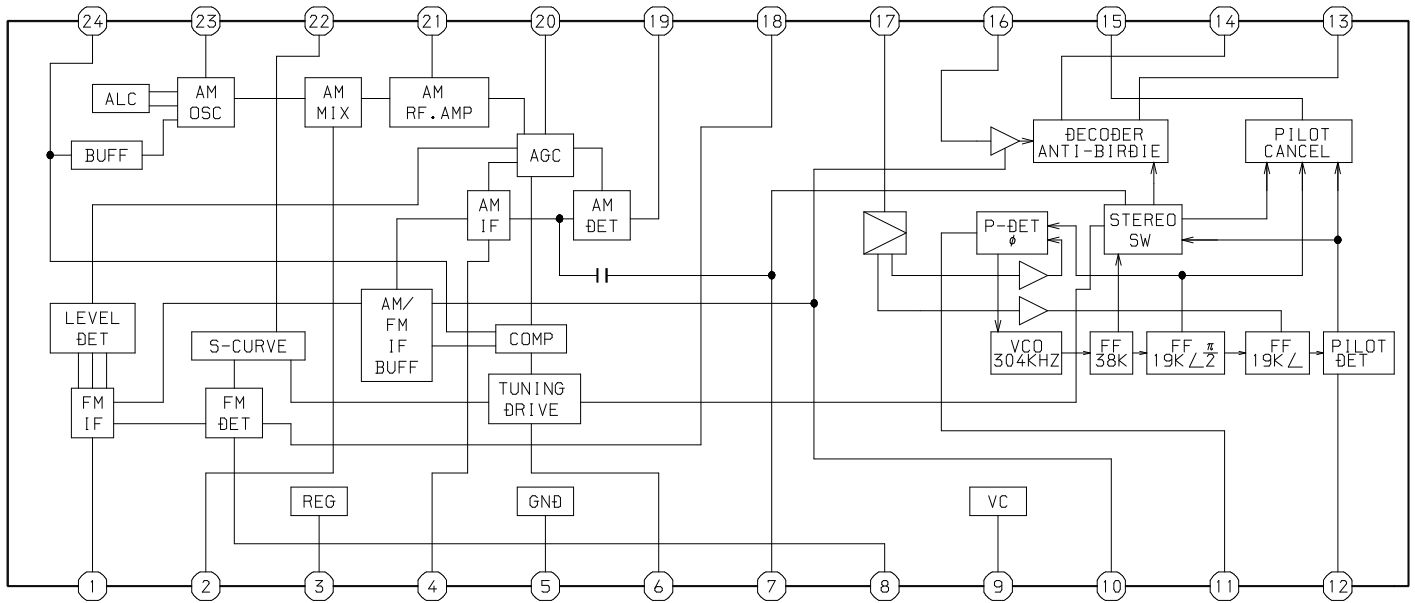


SCHEMATIC DIAGRAM – 4 (PT)



IC BLOCK DIAGRAM

IC, LA1844L-A

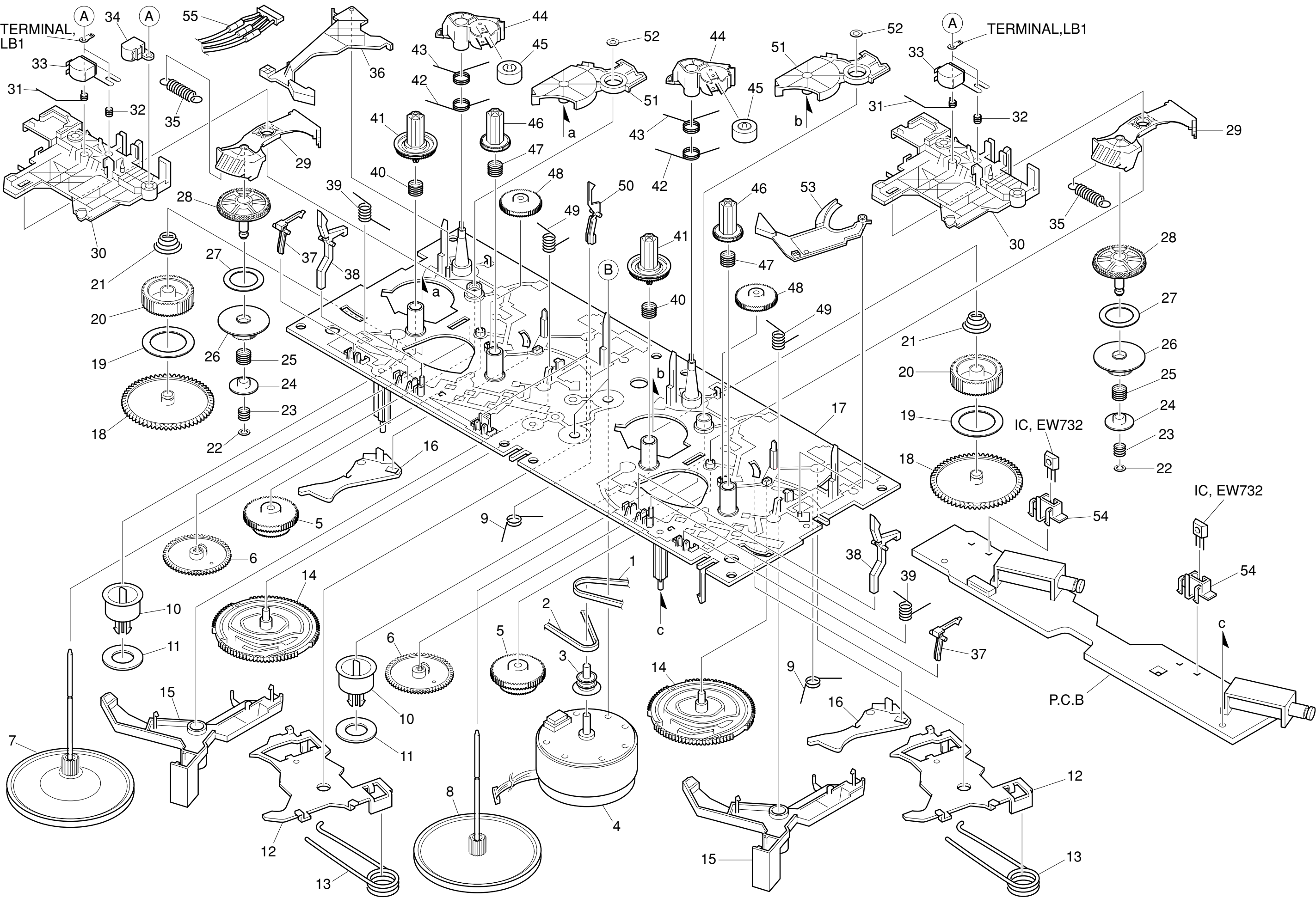


MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
12	8A-NF9-211-010		HLDR,PWB PT HI
15	8A-NF9-074-010		WINDOW,DISP U J22
24	8A-NF9-010-110		KEY,ASSY OPE 1 WAY
25	8A-NF9-020-110		KEY,CD
27	8A-NF9-026-110		KEY,ENTER
32	86-NF6-211-010		HLDR,IC T1.6
39	8A-NF9-619-010		PT,ANF-9 U HI
43	8A-NF9-073-010		CABI,REAR USM J22

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



TAPE MECHANISM PARTS LIST 1 / 1

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

SPEAKER PARTS LIST SX-NAJ33 (YUSL)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NSK-001-010		PANEL, FR
2	8A-NSK-003-010		GRILLE, FRAME ASSY
3	8A-NSK-007-010		PROTECTOR, TWA
4	87-NSH-612-010		SPKR, CERAMIC ASSY
5	87-NS7-611-010		CORD, SPKR
6	8A-NSJ-602-010		SPKR, W 130
7	8A-NSK-604-010		SPKR, TW 60

SPEAKER PARTS LIST SX-R140 (YUSC)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-YS4-001-010		GRILLE, FRAME ASSY
2	81-VSA-010-010		SPKR, CORD
3	87-010-384-010		CAP, E 100-25 M SME
4	8A-YS4-610-010		CORD, SPKR 3.5
5	8A-YS4-601-010		SPKR, 80

ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NF9-913-010		IB, U (ESF) M -AJ22 (SUR)
4	87-006-225-010		AM, LOOP ANT NC2

アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111