

# SERVICE MANUAL

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STEREO RECEIVER

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- This Service Manual is the "Revision Publishing" and replaces "Simple Manual" AV-D58 (EZ), (S/M Code No. 09-014-444-0T2).

# SPECIFICATIONS

## <FM tuner section>

**Tuning range** 87.5 MHz to 108 MHz  
**Usable sensitivity (IHF)** 16.8 dBf  
**Antenna terminals** 75 ohms (unbalanced)

## <MW tuner section>

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

## <LW tuner section>

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

## <Amplifier section>

**Power output**  
**Front**  
 Rated: 70 W + 70 W (1 kHz/DIN 45500,  
 T.H.D.1 %, 8 ohms)  
 Reference: 85 W + 85 W (1 kHz/DIN  
 45324,T.H.D.10 %, 8 ohms)

**Rear (Surround)**  
 Rated: 70 W + 70 W (1 kHz/DIN 45500,  
 T.H.D.1 %, 8 ohms)  
 Reference: 85 W + 85 W (1 kHz/DIN  
 45324,T.H.D.10 %, 8 ohms)  
 DIN MUSIC POWER: 180 W +180 W

**Center**  
 Rated: 70 W (1 kHz/DIN 45500,  
 T.H.D.1 %, 8 ohms)  
 Reference: 85 W (1kHz/DIN 45324,  
 T.H.D.10 %, 8 ohms)  
 DIN MUSIC POWER: 180 W

**Total harmonic distortion** 0.1 % (50 W, 1 kHz, 8 ohms, Front)  
**Inputs**  
 AUDIO IN  
 PHONO : 2.5 mV, adjustable  
 (47 kohms)  
 VIDEO 1/DVD/MD, VIDEO 2/  
 LD/TV, VIDEO 3, CD : 300 mV  
 adjustable (47 kohms)  
 TAPE MONITOR : 350 mV,  
 adjustable (47 kohms)  
 AUX : 300 mV,  
 adjustable (47 kohms)  
 DIGITAL IN  
 COAXIAL (VIDEO 2) :  
 OPTICAL (VIDEO 1) :  
 accept linear PCM signals and  
 bit stream of Dolby Digital and  
 DTS Surround (32 kHz, 44.1  
 kHz and 48 kHz and 96 kHz)  
 VIDEO IN : 1 Vp-p (75 ohms)

## Outputs

AUDIO OUT (REC OUT) : 300 mV  
 (1 kohm)  
 VIDEO OUT (MONITOR) : 1 Vp-p  
 (75 ohms)  
 SUPER WOOFER : 1.5 V  
 FRONT SPEAKERS IMP : 8 ohms :  
 accepts speakers of 8 ohms or more  
 SURROUND SPEAKERS IMP : 8 ohms  
 : accepts speakers of 8 ohms or more  
 CENTER SPEAKERS IMP : 8 ohms :  
 accepts speakers of 8 ohms or more  
 PHONES (stereo jack) : accepts  
 headphones of 32 ohms or more -20 dB  
 -20 dB


## Muting

### <General>

**Power requirements** 230 V AC, 50 Hz  
**Power consumption** 185 W  
**Power consumption in  
 standby mode** ECO OFF : 35.6 W  
 ECO ON : 1.3 W  
**Dimensions of main unit  
 (W x H x D)** 430 x 155 x 402 mm  
**Weight of main unit** 8.7 kg

- Design and specifications are subject to change without notice.

- Manufactured under license from Dolby Laboratories Licensing Corporation.

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# ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
<b>IC</b>							
	87-A21-760-040		C-IC, NJM4580V		87-A40-780-080		ZENER, UZ33BSD
	8B-AR3-602-030		C-IC, UPD780228GF-084		87-A40-747-080		ZENER, UZ5.1BSB
	87-A21-831-010		IC, SPS-422-1-F1		87-A40-752-080		ZENER, UZ6.2BSC
	87-020-784-040		C-IC, TC4053BF		87-A40-764-080		ZENER, UZ10BSC
	87-A21-703-040		C-IC, SN74LV244APW		87-A40-740-080		ZENER, UZ3.3BSA
	87-A21-916-040		C-IC, SN74LV125APW		87-A40-757-080		ZENER, UZ7.5BSC
	87-A21-825-040		C-IC, M61501FP		87-A40-488-080		DIODE, 1SS244
	87-A21-884-030		C-IC, CS4228A		87-A40-751-080		ZENER, UZ6.2BSB
	87-017-585-080		C-IC, NJM4580E		87-A40-646-010		DIODE, FMB-G16L
	87-020-903-010		IC, NJM7805FA		87-017-149-080		ZENER, HZS6A2L
	87-A21-883-030		C-IC, CS8415A		87-A40-744-080		ZENER, UZ4.3BSB
	87-A20-870-010		IC, GP1F37R		87-A40-739-080		ZENER, UZ2.7BSA
	87-A21-885-030		C-IC, CS49326	MAIN C.B			
	87-A21-695-010		IC, LA1845L				
	87-A20-820-010		IC, BA7625	C6	87-012-195-080		C-CAP, U 100P-50 J CH
	87-A21-928-010		IC, LC72131D-N	C7	87-012-195-080		C-CAP, U 100P-50 J CH
	87-017-917-080		C-IC, BU4066BCF	C11	87-012-195-080		C-CAP, U 100P-50 J CH
	87-A20-440-040		C-IC, BU1920FS	C12	87-012-195-080		C-CAP, U 100P-50 J CH
				C101	87-010-235-080		CAP, E 470-16 SME
<b>TRANSISTOR</b>				C102	87-A12-072-080		CAP, E 100-25 SMG
	87-026-245-080		TR, DTC114ES	C103	87-A12-068-080		CAP, E 470-16 SMG
	87-A30-612-080		TR, 2SC5343Y	C104	87-A12-076-080		CAP, E 22-35 SMG
	87-A30-476-010		TR, KTA1046Y	C105	87-A12-072-080		CAP, E 100-25 SMG
	87-A30-071-080		C-TR, RT1N 144C	C106	87-A12-091-080		CAP, E 10-50 SMG
	89-110-372-080		TR, 2SA1037K(R)	C107	87-A12-080-080		CAP, E 220-35 SMG
	87-A30-085-040		C-TR, CSA1362GR	C109	87-A10-712-080		C-CAP, S 0.22-50 ZF
	89-318-155-080		TR, 2SC1815GR	C110	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-026-213-080		C-TR, DTC114YKA	C111	87-A10-712-080		C-CAP, S 0.22-50 ZF
	89-320-011-080		TR, 2SC2001K	C112	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-A30-629-010		TR, 2SA1931	C113	87-A12-830-000		CAP, E 4700-35 M 85 GS
	89-110-155-080		TR, 2SA1015GR	C114	87-A12-830-000		CAP, E 4700-35 M 85 GS
	87-A30-494-080		TR, 2SA1980G	C115	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-A30-097-010		TR, FN 1016	C116	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-A30-107-070		C-TR, CMBT5401	C117	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-A30-098-010		TR, FP 1016	C118	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-A30-268-040		C-TR, 2SA1514K(S)	C119	87-016-520-090		CAP, E 3300-65 M SMG
	87-A30-075-080		C-TR, 2SA1235F	C120	87-016-520-090		CAP, E 3300-65 M SMG
	87-A30-257-080		C-TR, 2SD1306E	C121	87-A12-072-080		CAP, E 100-25 SMG
	87-A30-076-080		C-TR, 2SC3052F	C122	87-A12-089-080		CAP, E 3.3-50 SMG
	86-NFZ-667-040		C-TR, DTC123JKA	C126	87-A12-091-080		CAP, E 10-50 SMG
	87-A30-106-070		C-TR, CMBT5551	C127	87-012-286-080		C-CAP, U 0.01-25
	87-A30-087-080		C-FET, 2SK2158	C129	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-A30-196-080		TR, 2SC4115SRS	C130	87-A10-712-080		C-CAP, S 0.22-50 ZF
	87-A30-086-040		C-TR, CSD1306E	C132	87-010-405-080		CAP, E 10-50
	87-A30-484-080		C-TR, KRA102S	C135	87-A12-828-000		CAP, E 3300-65 M GS
	87-A30-190-080		TR, CC5551	C136	87-A12-828-000		CAP, E 3300-65 M GS
	87-A30-186-010		FET, 2SK3053	C145	87-012-286-080		C-CAP, U 0.01-25
	87-A30-072-080		C-TR, RT1P 144C	C203	87-012-368-080		C-CAP, S 0.1-50 ZF
	89-327-143-080		TR, 2SC27140	C204	87-012-368-080		C-CAP, S 0.1-50 ZF
	87-A30-489-080		C-TR, KRA107S	C205	87-012-368-080		C-CAP, S 0.1-50 ZF
	89-503-602-080		C-FET, 2SK360E	C206	87-012-368-080		C-CAP, S 0.1-50 ZF
	87-A30-234-080		TR, CSC4115BC	C207	87-012-282-080		C-CAP, U 4700P-50
	89-213-702-010		TR, 2SB1370E	C208	87-012-282-080		C-CAP, U 4700P-50
				C211	87-012-282-080		C-CAP, U 4700P-50
				C217	87-016-460-080		C-CAP, S 0.22-16 KB
				C218	87-016-460-080		C-CAP, U 0.22-16 KB
<b>DIODE</b>				C300	87-A11-548-080		C-CAP, S 560P-50 KB
	87-020-465-080		DIODE, 1SS133	C303	87-012-275-080		C-CAP, U 1200P-50 B
	87-A40-749-080		ZENER, UZ5.6BSB	C304	87-012-275-080		C-CAP, U 1200P-50 B
	87-A40-755-080		ZENER, UZ7.5BSA	C305	87-A12-090-080		CAP, E 4.7-50 SMG
	87-A40-748-080		ZENER, UZ5.6BSA	C306	87-A12-090-080		CAP, E 4.7-50 SMG
	87-A40-547-090		DIODE, D5SBA20	C307	87-010-866-080		CAP, E 10-63 M VX
	87-A40-269-080		C-DIODE, MC2836	C308	87-010-866-080		CAP, E 10-63 M VX
	87-A40-270-080		C-DIODE, MC2838	C309	87-A12-092-080		CAP, E 22-50 SMG
	87-A40-768-080		ZENER, UZ16BSA	C310	87-A12-092-080		CAP, E 22-50 SMG
	87-A40-956-080		DIODE, EK04	C311	87-012-195-080		C-CAP, U 100P-50 CH
	87-070-274-080		DIODE, 1N4003 SEM	C312	87-012-195-080		C-CAP, U 100P-50 CH
	87-A40-673-090		DIODE, D10XB20	C313	87-012-164-080		C-CAP, U 2P-50 CK
				C314	87-012-164-080		C-CAP, U 2P-50 CK

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C315	87-A10-897-080		CAP,E 100-25 BP SME	C541	87-A10-293-080		CAP,M 6800P-50 J
C316	87-A10-897-080		CAP,E 100-25 BP SME	C542	87-A10-293-080		CAP,M 6800P-50 J
C317	87-A11-548-080		C-CAP,S 560P-50 KB	C543	87-A12-091-080		CAP,E 10-50 SMG
C318	87-A11-548-080		C-CAP,S 560P-50 KB	C544	87-A12-091-080		CAP,E 10-50 SMG
C319	87-012-368-080		C-CAP,S 0.1-50 ZF	C545	87-010-759-080		C-CAP,U 0.1-25 F
C321	87-012-282-080		C-CAP,U 4700P-50	C546	87-A10-305-080		CAP,M 0.068-50 J
C322	87-012-368-080		C-CAP,S 0.1-50 ZF	C547	87-010-759-080		C-CAP,U 0.1-25 F
C323	87-A11-548-080		C-CAP,S 560P-50 KB	C549	87-010-759-080		C-CAP,U 0.1-25 F
C325	87-012-368-080		C-CAP,S 0.1-50 ZF	C554	87-016-083-080		C-CAP,S 0.15-16 RK
C326	87-012-282-080		C-CAP,U 4700P-50	C555	87-A12-090-080		CAP,E 4.7-50 SMG
C327	87-012-274-080		C-CAP,U 1000P-50 B	C556	87-A12-091-080		CAP,E 10-50 SMG
C328	87-012-274-080		C-CAP,U 1000P-50 B	C559	87-A10-293-080		CAP,M 6800P-50 J
C330	87-012-368-080		C-CAP,S 0.1-50 ZF	C560	87-010-759-080		C-CAP,U 0.1-25 F
C331	87-012-368-080		C-CAP,S 0.1-50 ZF	C561	87-A10-039-080		C-CAP,U 470P-50 J CH
C336	87-012-271-080		C-CAP,U 560P-50 KB	C562	87-A10-039-080		C-CAP,U 470P-50 J CH
C341	87-012-271-080		C-CAP,U 560P-50 KB	C565	87-A12-090-080		CAP,E 4.7-50 SMG
C342	87-012-271-080		C-CAP,U 560P-50 KB	C566	87-A12-090-080		CAP,E 4.7-50 SMG
C343	87-012-271-080		C-CAP,U 560P-50 KB	C567	87-A12-090-080		CAP,E 4.7-50 SMG
C344	87-012-273-080		C-CAP,U 820P-50 B	C568	87-A12-090-080		CAP,E 4.7-50 SMG
C345	87-012-273-080		C-CAP,U 820P-50 B	C569	87-A12-090-080		CAP,E 4.7-50 SMG
C402	87-012-277-080		C-CAP,U 1800P-50 B	C570	87-A12-090-080		CAP,E 4.7-50 SMG
C403	87-A12-091-080		CAP,E 10-50 SMG	C571	87-A12-090-080		CAP,E 4.7-50 SMG
C404	87-A11-548-080		C-CAP,S 560P-50 KB	C572	87-A12-090-080		CAP,E 4.7-50 SMG
C405	87-A12-092-080		CAP,E 22-50 SMG	C577	87-A12-062-080		CAP,E 100-10 SMG
C406	87-012-195-080		C-CAP,U 100P-50 CH	C578	87-012-199-080		C-CAP,S 220P-50 J CH
C407	87-012-164-080		C-CAP,U 2P-50 CK	C579	87-010-759-080		C-CAP,U 0.1-25 F
C408	87-A10-897-080		CAP,E 100-25 BP SME	C700	87-A12-090-080		CAP,E 4.7-50 SMG
C409	87-A11-548-080		C-CAP,S 560P-50 KB	C702	87-010-759-080		C-CAP,U 0.1-25 F
C410	87-012-368-080		C-CAP,S 0.1-50 ZF	C703	87-A10-918-080		CAP,E 100-16 SMG
C411	87-012-282-080		C-CAP,U 4700P-50	C704	87-A12-090-080		CAP,E 4.7-50 SMG
C412	87-012-271-080		C-CAP,U 560P-50 KB	C705	87-010-190-080		C-CAP,0.01
C413	87-012-368-080		C-CAP,S 0.1-50 ZF	C706	87-010-759-080		C-CAP,U 0.1-25 F
C414	87-012-274-080		C-CAP,U 1000P-50 KB	C708	87-A12-068-080		CAP,E 470-16 SMG
C415	87-010-866-080		CAP,E 10-63 M VX	C709	87-A10-918-080		CAP,E 100-16 SMG
C416	87-016-299-080		CAP,E 10-100 M SME	C800	87-010-759-080		C-CAP,U 0.1-25 F
C420	87-012-368-080		C-CAP,S 0.1-50 ZF	C801	87-010-759-080		C-CAP,U 0.1-25 F
C421	87-012-271-080		C-CAP,U 560P-50 KB	C900	87-010-759-080		C-CAP,U 0.1-25 F
C422	87-012-273-080		C-CAP,U 820P-50 B	C901	87-A12-092-080		CAP,E 22-50 SMG
C500	87-012-199-080		C-CAP,U 220P-50 J CH	C902	87-A12-092-080		CAP,E 22-50 SMG
C501	87-A12-090-080		CAP,E 4.7-50 SMG	C903	87-A12-092-080		CAP,E 22-50 SMG
C502	87-A12-090-080		CAP,E 4.7-50 SMG	C905	87-A12-069-080		CAP,E 22-25 SMG
C503	87-012-336-080		CAP,CHIP SS 3300 SL	C906	87-A12-071-080		CAP,E 47-25 SMG
C504	87-012-336-080		CAP,CHIP SS 3300 SL	C907	87-010-759-080		C-CAP,U 0.1-25 F
C505	87-A10-305-080		CAP,M 0.068-50 J	C908	87-010-387-080		CAP,E 470-25 SME
C506	87-A10-305-080		CAP,M 0.068-50 J	C909	87-010-371-080		CAP,E 470-6.3
C509	87-A10-298-080		CAP,M 0.018-50 J	C910	87-010-371-080		CAP,E 470-6.3
C510	87-A10-298-080		CAP,M 0.018-50 J	C912	87-010-759-080		C-CAP,U 0.1-25 ZF
C511	87-A12-090-080		CAP,E 4.7-50 SMG	C913	87-010-759-080		C-CAP,U 0.1-25 ZF
C512	87-A12-090-080		CAP,E 4.7-50 SMG	C915	87-012-186-080		C-CAP,U 39P-50 CH
C513	87-A12-071-080		CAP,E 47-25 SMG	CN110	87-A60-620-010		CONN,3P V 2MM JMT
C514	87-A12-071-080		CAP,E 47-25 SMG	CN202	87-099-573-010		CONN,18P TUC-P18P-B1
C515	87-010-370-080		CAP,E 330-6.3 SME	CN502	87-099-571-010		CONN,14P TUC-P14P-B1
C516	87-010-370-080		CAP,E 330-6.3 SME	CN503	87-A60-056-010		CONN,12P V 9604S-12C
C517	87-010-759-080		C-CAP,U 0.1-25 ZF	CN508	87-A60-041-010		CONN,30P V 9604S-30C
C518	87-016-083-080		C-CAP,S 0.15-16 RK	CNA101	8A-AR3-654-010		CONN ASSY,9P VH
C519	87-016-083-080		C-CAP,S 0.15-16 RK	CNA201	8B-AR3-665-010		CONN ASSY,4P VH (BAR)
C525	87-012-199-080		C-CAP,U 220P-50 J CH	CNA400	8B-AR1-660-010		CONN ASSY,6P VH (BAR)
C526	87-012-199-080		C-CAP,U 220P-50 J CH	CNA901	8B-AR3-648-010		CONN ASSY,2P -VIDEO3
C527	87-012-199-080		C-CAP,U 220P-50 J CH	J501	87-099-609-010		JACK,PIN 4P KM EARTH
C528	87-012-199-080		C-CAP,U 220P-50 J CH	J502	87-A60-947-010		JACK,PIN 4P W/R GLD
C529	87-012-199-080		C-CAP,U 220P-50 J CH	J700	87-A60-244-010		JACK,PIN 1P BLK
C530	87-012-199-080		C-CAP,U 220P-50 J CH	J901	87-099-911-010		JACK,PIN 3P YEL
C531	87-A10-305-080		CAP,M 0.068-50 J	J902	87-099-912-010		JACK,PIN 3P YEL W/E
C532	87-A10-293-080		CAP,M 6800P-50 J	J903	87-099-911-010		JACK,PIN 3P YEL
C533	87-016-083-080		C-CAP,S 0.15-16 RK	J904	87-099-911-010		JACK,PIN 3P YEL
C536	87-A12-090-080		CAP,E 4.7-50 SMG	L101	87-A50-693-010		COIL,39UH-RCR-110D
C537	87-012-274-080		C-CAP,U 1000P-50 B	L901	87-005-239-080		COIL,100UH
C538	87-010-759-080		C-CAP,U 0.1-25 ZF	Q108	8Z-NFT-604-110		CONN ASSY,3P SURR
C539	87-A12-087-080		CAP,E 1-50 SMG	R51	87-A00-571-050		RES,M/F 0.15-2W J RZ
C540	87-010-248-080		CAP,E 220-10M 11L SME	R143	87-A00-258-080		RES,M/F 0.22-1W J

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
R211	87-A00-571-050		RES,M/F 0.15-2W J RZ	C156	87-012-195-080		C-CAP,U 100P-50 CH
R212	87-A00-571-050		RES,M/F 0.15-2W J RZ	C157	87-012-195-080		C-CAP,U 100P-50 CH
R215	87-A00-571-050		RES,M/F 0.15-2W J RZ	C158	87-012-195-080		C-CAP,U 100P-50 CH
R216	87-A00-571-050		RES,M/F 0.15-2W J RZ	C159	87-012-195-080		C-CAP,U 100P-50 CH
R235	87-A00-878-050		RES,M/F 220-1W J VTP	C160	87-012-195-080		C-CAP,U 100P-50 CH
R236	87-A00-878-050		RES,M/F 220-1W J VTP	C161	87-012-195-080		C-CAP,U 100P-50 CH
R237	87-A00-878-050		RES,M/F 220-1W J	C162	87-010-677-040		CAP,E 0.15-50 7L
R238	87-A00-878-050		RES,M/F 220-1W J	C164	87-A12-074-080		CAP,E 470-25 SMG
R331	87-A00-571-050		RES,M/F 0.15-2W J RZ	C201	87-012-336-080		CAP,CHIP SS 3300 SL
R332	87-A00-571-050		RES,M/F 0.15-2W J RZ	C202	87-012-336-080		CAP,CHIP SS 3300 SL
R380	87-A00-571-050		RES,M/F 0.15-2W J RZ	C203	87-012-336-080		CAP,CHIP SS 3300 SL
R416	87-A00-571-050		RES,M/F 0.15-2W J RZ	C204	87-012-336-080		CAP,CHIP SS 3300 SL
R424	87-A00-571-050		RES,M/F 0.15-2W J RZ	C205	87-012-336-080		CAP,CHIP SS 3300 SL
R587	87-A00-147-090		RES,M/F 68-1W J RSF(S)	C206	87-012-336-080		CAP,CHIP SS 3300 SL
S292	87-A90-174-010		SW,PUSH 2-2-2	C207	87-012-336-080		CAP,CHIP SS 3300 SL
TH201	87-A91-042-080		C-THMS,100K 55001	C208	87-012-336-080		CAP,CHIP SS 3300 SL
TH202	87-A91-042-080		C-THMS,100K 55001	C209	87-012-336-080		CAP,CHIP SS 3300 SL
TH301	87-A91-042-080		C-THMS,100K 55001	C210	87-012-336-080		CAP,CHIP SS 3300 SL
TH302	87-A91-042-080		C-THMS,100K 55001	C211	87-012-336-080		CAP,CHIP SS 3300 SL
TH401	87-A91-042-080		C-THMS,100K 55001	C212	87-012-336-080		CAP,CHIP SS 3300 SL
WH101	87-A90-510-010		HLDR,WIRE 2.5-9P	C213	87-010-408-040		CAP,E 47-50 SME
				C214	87-012-368-080		C-CAP,S 0.1-50 F
				C216	87-015-699-040		CAP,E 10-50 7L
				C217	87-015-699-040		CAP,E 10-50 7L
				C218	87-012-368-080		C-CAP,S 0.1-50 F
FRONT C.B				C219	87-012-336-080		CAP,CHIP SS 3300 SL
C101	87-012-195-080		C-CAP,U 100P-50 CH	C220	87-012-336-080		CAP,CHIP SS 3300 SL
C102	87-012-195-080		C-CAP,U 100P-50 CH	C700	87-012-274-080		C-CAP,U 1000P-50 KB
C103	87-010-759-080		C-CAP,U 0.1-25 F	C701	87-012-180-080		C-CAP,U 22P-50 J CH
C104	87-010-759-080		C-CAP,U 0.1-25 F	C702	87-012-184-080		C-CAP,U 33P-50 J CH
C105	87-A10-189-040		CAP,E 220-10	C703	87-010-831-080		C-CAP,U 0.1-16 ZF
C107	87-012-286-080		C-CAP,U 0.01-25	C704	87-012-286-080		C-CAP,U 0.01-25 KB
C108	87-010-759-080		C-CAP,U 0.1-25 F	C705	87-012-286-080		C-CAP,U 0.01-25 KB
C109	87-012-176-080		C-CAP,15P	C706	87-A12-091-080		CAP,E 10-50 SMG
C110	87-012-198-080		C-CAP,180P	C707	87-012-270-080		C-CAP,U 470P-50 KB
C111	87-A10-039-080		C-CAP,U 470P-50 J CH	C708	87-010-831-080		C-CAP,U 0.1-16 ZF
C112	87-012-274-080		C-CAP,U 1000P-50 B	C709	87-A12-091-080		CAP,E 10-50 SMG
C113	87-012-199-080		C-CAP,220P	C710	87-012-199-080		C-CAP,U 220P-50 J CH
C114	87-012-199-080		C-CAP,220P	C711	87-012-199-080		C-CAP,U 220P-50 J CH
C115	87-012-199-080		C-CAP,220P	CN101	87-A60-079-010		CONN,08P H 9604S-08F
C116	87-012-278-080		C-CAP,U 2200P-50 B	CN104	87-A60-061-010		CONN,06P V 9604S-06C
C117	87-012-278-080		C-CAP,U 2200P-50 B	CN105	87-A60-066-010		CONN,30P H 9604S-30F
C118	87-012-274-080		C-CAP,U 1000P-50 B	CN107	87-A60-074-010		CONN,19P H 9604S-19F
C119	87-012-286-080		C-CAP,U 0.01-25	CN701	88-805-036-010		CONN ASSY,3P
C120	87-010-759-080		C-CAP,U 0.1-25 F	FFC101	88-908-101-110		FF-CABLE, 8P 1.25 10MM
C121	87-A10-189-040		CAP,E 220-10	FFC104	88-906-061-110		FF-CABLE,6P 1.25 60MM
C122	87-010-759-080		C-CAP,U 0.1-25 F	FFC105	88-930-441-110		FF-CABLE,30P 1.25 440MM
C123	87-010-759-080		C-CAP,U 0.1-25 F	FFC107	88-919-331-110		FF-CABLE,19P 1.25 330MM
C124	87-010-759-080		C-CAP,U 0.1-25 F	FL201	8B-AR3-601-010		FL,HNA-12SM12 BAR-3
C126	87-015-699-040		CAP,E 10-50 7L	L101	87-A50-655-010		COIL,CLK 4.19MHZ (TOKO) 7KLY
C128	87-015-699-040		CAP,E 10-50 7L	L700	87-005-847-080		COIL,2.2 UH K CECS
C129	87-010-787-080		C-CAP,U 0.022-25	LED2	87-A40-317-080		LED,SLR-342VCT31 RED
C130	87-012-278-080		C-CAP,U 2200P-50 B	LED3	87-A40-317-080		LED,SLR-342VCT31 RED
C134	87-010-785-080		C-CAP,U 0.015-25 BK	LED4	87-A40-317-080		LED,SLR-342VCT31 RED
C136	87-012-278-080		C-CAP,U 2200P-50 B	LED5	87-A40-317-080		LED,SLR-342VCT31 RED
C138	87-010-759-080		C-CAP,U 0.1-25 F	LED6	87-A40-317-080		LED,SLR-342VCT31 RED
C139	87-012-274-080		C-CAP,U 1000P-50 KB	LED7	87-A40-317-080		LED,SLR-342VCT31 RED
C141	87-012-195-080		C-CAP,U 100P-50 J CH	LED8	87-A40-317-080		LED,SLR-342VCT31 RED
C142	87-012-274-080		C-CAP,U 1000P-50 KB	LED9	87-A40-317-080		LED,SLR-342VCT31 RED
C143	87-012-274-080		C-CAP,U 1000P-50 KB	LED10	87-A40-317-080		LED,SLR-342VCT31 RED
C144	87-012-274-080		C-CAP,U 1000P-50 KB	S301	87-A90-095-080		SW,TACT EVQ11G04M
C145	87-012-195-080		C-CAP,U 100P-50 J CH	S302	87-A90-095-080		SW,TACT EVQ11G04M
C146	87-012-195-080		C-CAP,U 100P-50 J CH	S303	87-A90-095-080		SW,TACT EVQ11G04M
C147	87-012-274-080		C-CAP,U 1000P-50 KB	S304	87-A90-095-080		SW,TACT EVQ11G04M
C148	87-012-274-080		C-CAP,U 1000P-50 KB	S305	87-A90-095-080		SW,TACT EVQ11G04M
C149	87-012-274-080		C-CAP,U 1000P-50 KB	S306	87-A90-095-080		SW,TACT EVQ11G04M
C150	87-012-274-080		C-CAP,U 1000P-50 KB	S307	87-A90-095-080		SW,TACT EVQ11G04M
C151	87-012-274-080		C-CAP,U 1000P-50 KB	S309	87-A90-095-080		SW,TACT EVQ11G04M
C152	87-012-195-080		C-CAP,U 100P-50 J CH	S310	87-A90-095-080		SW,TACT EVQ11G04M
C153	87-012-195-080		C-CAP,U 100P-50 J CH	S313	87-A90-095-080		SW,TACT EVQ11G04M
C155	87-012-274-080		C-CAP,U 1000P-50 KB				

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
S314	87-A90-095-080	SW, TACT	EVQ11G04M	C908	87-012-165-080	C-CAP, U	3P-50 C CH
S315	87-A90-095-080	SW, TACT	EVQ11G04M	C909	87-012-272-080	C-CAP, U	680P-50 KB
S316	87-A90-095-080	SW, TACT	EVQ11G04M	C910	87-012-164-080	C-CAP, U	2P-50 C CH
S318	87-A90-095-080	SW, TACT	EVQ11G04M	C911	87-012-166-080	C-CAP, U	4P-50 CH
S319	87-A90-095-080	SW, TACT	EVQ11G04M	C912	87-012-195-080	C-CAP, U	100P-50 CH
S320	87-A90-095-080	SW, TACT	EVQ11G04M	C913	87-012-286-080	C-CAP, U	0.01-25
S321	87-A90-095-080	SW, TACT	EVQ11G04M	C914	87-012-286-080	C-CAP, U	0.01-25
SW101	87-A92-067-010	SW, RTRY	EC12E12204N	C915	87-012-286-080	C-CAP, U	0.01-25
SW102	87-A92-068-010	SW, RTRY	EC12E12504N	C916	87-012-286-080	C-CAP, U	0.01-25 KB
X700	87-A70-307-010	VIB, XTAL	4.332MHZ CSA-309ST	C917	87-012-178-080	C-CAP, U	18P-50 J CH
TUNER C.B				C918	87-012-172-080	C-CAP, U	10P-50 D CH
C772	87-012-286-080	C-CAP, U	0.01-25	C919	87-012-184-080	C-CAP, U	33P-50 J CH
C782	87-012-286-080	C-CAP, U	0.01-25	C920	87-012-184-080	C-CAP, U	33P-50 J CH
C786	87-A11-056-080	C-CAP, U	1-10 ZF	C921	87-012-180-080	C-CAP, U	22P-50 J CH
C788	87-012-167-080	C-CAP, U	5P-50 CH	C922	87-012-174-080	C-CAP, U	12P-50 J CH
C789	87-010-786-080	C-CAP, U	0.018-25 KB GRM	C923	87-012-286-080	C-CAP, U	0.01-25 KB
C790	87-010-786-080	C-CAP, U	0.018-25 KB GRM	C924	87-012-164-080	C-CAP, U	2P-50 C CH
C791	87-010-831-080	C-CAP, U	0.1-16 F	C925	87-012-164-080	C-CAP, U	2P-50 C CH
C792	87-012-286-080	C-CAP, U	0.01-25	C926	87-012-286-080	C-CAP, U	0.01-25 KB
C793	87-A11-056-080	C-CAP, U	1-10 ZF	C927	87-012-195-080	C-CAP, U	100P-50 CH
C795	87-012-286-080	C-CAP, U	0.01-25	C942	87-012-167-080	C-CAP, U	5P-50 C CH
C798	87-A11-057-080	C-CAP, U	0.1-16 KB	C947	87-012-286-080	C-CAP, U	0.01-25 KB
C799	87-010-982-040	CAP, E	33-25 M 5L SRE	C948	87-012-270-080	C-CAP, U	470P-50 KB
C800	87-012-191-080	C-CAP, U	68P-50 J CH	C952	87-012-286-080	C-CAP, U	0.01-25 KB
C801	87-A11-056-080	C-CAP, U	1-10 ZF	C957	87-012-174-080	C-CAP, U	12P-50 J CH
C802	87-010-829-080	C-CAP, U	0.047-16	C958	87-012-286-080	C-CAP, U	0.01-25 KB
C804	87-A12-062-080	CAP, E	100-10 SMG	C962	87-A11-056-080	C-CAP, U	1-10 ZF
C807	87-A10-463-080	C-CAP, U	0.47-10 ZF	C963	87-010-831-080	C-CAP, U	0.1-16 F
C808	87-A11-056-080	C-CAP, U	1-10 ZF	C971	87-A12-067-080	CAP, E	330-16 SMG
C809	87-A11-056-080	C-CAP, U	1-10 ZF	C972	87-A11-063-080	C-CAP, S	4.7-10 ZF
C811	87-A10-463-080	C-CAP, U	0.47-10 ZF	C973	87-012-286-080	C-CAP, U	0.01-25
C812	87-A10-463-080	C-CAP, U	0.47-10 ZF	C974	87-012-286-080	C-CAP, U	0.01-25
C815	87-A10-463-080	C-CAP, U	0.47-10 ZF	C976	87-010-759-080	C-CAP, U	0.1-25 ZF
C816	87-A10-463-080	C-CAP, U	0.47-10 ZF	C979	87-012-195-080	C-CAP, U	100P-50 CH
C818	87-012-276-080	C-CAP, U	1500P-50 KB	C981	87-A12-071-080	CAP, E	47-25 SMG
C821	87-A11-063-080	C-CAP, S	4.7-10 ZF	C982	87-010-831-080	C-CAP, U	0.1-16 F
C823	87-012-274-080	C-CAP, U	1000P-50 KB	C983	87-A11-132-080	CAP, TC	U 0.01-50 KB
C824	87-A11-063-080	C-CAP, S	4.7-10 ZF	C984	87-012-286-080	C-CAP, U	0.01-25
C825	87-A11-317-080	C-CAP, U	0.068-16 KB	C985	87-012-195-080	C-CAP, U	100P-50 CH
C826	87-012-286-080	C-CAP, U	0.01-25 KB	C987	87-012-286-080	C-CAP, U	0.01-25
C831	87-010-552-040	CAP, E	22-16 M 5L SRE	C989	87-012-286-080	C-CAP, U	0.01-25 KB
C836	87-012-286-080	C-CAP, U	0.01-25	C990	87-012-195-080	C-CAP, U	100P-50 CH
C837	87-A11-058-080	C-CAP, U	0.22-10 KB	C991	87-012-182-080	C-CAP, U	27P-50 J CH
C842	87-A11-057-080	C-CAP, U	0.1-16 KB	C992	87-012-172-080	C-CAP, U	10P-50 J CH
C844	87-012-286-080	C-CAP, U	0.01-25	C993	87-012-274-080	C-CAP, U	1000P-50 B
C850	87-A11-056-080	C-CAP, U	1-10 ZF	C994	87-012-195-080	C-CAP, U	100P-50 CH
C851	87-012-286-080	C-CAP, U	0.01-25	C995	87-012-274-080	C-CAP, U	1000P-50 B
C852	87-012-286-080	C-CAP, U	0.01-25	C996	87-012-195-080	C-CAP, U	100P-50 CH
C853	87-012-286-080	C-CAP, U	0.01-25	C997	87-010-831-080	C-CAP, U	0.1-16 F
C855	87-012-280-080	C-CAP, U	3300P-50	C998	87-010-553-040	CAP, E	47-16 M 5L SRE
C856	87-012-280-080	C-CAP, U	3300P-50	CF831	87-008-423-010	FILTER, CF	SFE10.7MS3G-A
C858	87-010-831-080	C-CAP, U	0.1-16 ZF	CF832	82-785-747-010	FILTER, CF	MS2 GHY, R
C859	87-010-831-080	C-CAP, U	0.1-16 ZF	CN992	87-A60-056-010	CONN, 12P	V 9604S-12C
C860	87-012-286-080	C-CAP, U	0.01-25	CNA901	87-A60-620-010	CONN, 3P	V 2MM JMT
C861	87-012-275-080	C-CAP, U	1200P-50 KB	D901	87-A40-916-040	C-VARI-CAP,	HVC202A
C862	87-012-275-080	C-CAP, U	1200P-50 KB	D902	87-A40-916-040	C-VARI-CAP,	HVC202A
C863	87-012-280-080	C-CAP, U	3300P-50 KB	D903	87-A41-048-040	C-VARI-CAP,	HVM16-03 TL
C864	87-012-280-080	C-CAP, U	3300P-50 KB	FFC992	88-912-131-110	FF-CABLE, 12P	1.25 130MM
C870	87-A11-061-080	C-CAP, S	2.2-10 KB	J832	87-A61-534-010	TERMINAL, ANT	PAL AJ-2021
C871	87-A11-061-080	C-CAP, S	2.2-10 KB	J940	87-A60-633-010	CONN, 2P	H 2.5MM JMT
C900	87-A11-057-080	C-CAP, U	0.1-16 KB	JW959	87-A11-132-080	CAP, TC	U 0.01-50 KB
C901	87-012-162-080	C-CAP, U	1P-50 C CH	L801	87-A50-608-010	COIL, FM	DET-N(TOK)
C902	87-012-165-080	C-CAP, U	3P-50 C CH	L802	87-A91-551-010	FLTR, PCFJZH-450	L(TOK)
C903	87-012-164-080	C-CAP, U	2P-50 C CH	L803	87-A50-027-010	COIL, 1	POLE MPX (TOK)
C904	87-A12-348-080	C-CAP, U	560P-25 J CH	L804	87-A50-027-010	COIL, 1	POLE MPX (TOK)
C905	87-012-162-080	C-CAP, U	1P-50 C CH	L811	87-005-847-080	COIL, 2.2UH	(CECS)
C906	87-012-172-080	C-CAP, U	10P-50 D CH	L832	87-005-847-080	COIL, 2.2UH	(CECS)
C907	87-012-166-080	C-CAP, U	4P-50 C CH	L901	86-ZA1-612-010	COIL, FM	ANT/RF-1-Z
				L902	86-ZA1-613-010	COIL, FM	ANT/RF-2-Z
				L903	87-005-847-080	COIL, 2.2UH	K CECS

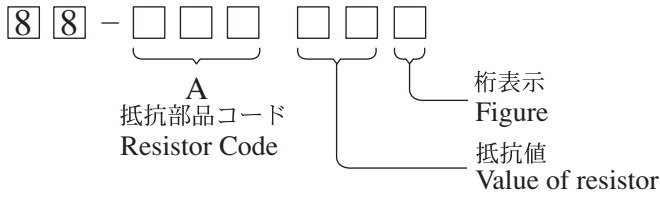
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCR PTION
L904	86-ZA1-613-010		COIL, FM ANT/RF-2-Z	C209	87-A12-091-080		CAP, E 10-50 SMG
L905	86-ZA1-612-010		COIL, FM ANT/RF-1-Z	C210	87-A12-091-080		CAP, E 10-50 SMG
L906	87-005-847-080		COIL, 2.2UH (CECS)	C211	87-012-195-080		C-CAP, U 100P-50 CH
L907	86-ZA1-614-010		COIL, FM OSC-Z	C212	87-012-278-080		C-CAP, U 2200P-50 B
L908	88-ZA1-624-010		COIL, FM IFT 7-6.2 (COILS)	C213	87-010-759-080		C-CAP, U 0.1-25 F
L941	87-A50-020-010		COIL, ANT LW (COI) 252 KHZ	C215	87-010-759-080		C-CAP, U 0.1-25 F
L942	87-A50-019-010		COIL, ANT LW (COI) 856 KHZ	C217	87-012-284-080		C-CAP, U 6800P-50
L951	8A-NF8-667-010		COIL, AM PACK 4 (TOK)	C218	87-012-284-080		C-CAP, U 6800P-50
R790	87-012-286-080		C-CAP, U 0.01-25	C219	87-012-278-080		C-CAP, U 2200P-50 B
TC942	87-A91-774-080		TRIMMER, PLY 30P 6.8X5.4 CDYL	C220	87-012-278-080		C-CAP, U 2200P-50 B
X991	87-A70-306-010		VIB, XTAL 4.500MHZ CSA-309ST	C221	87-012-278-080		C-CAP, U 2200P-50 B
				C222	87-012-278-080		C-CAP, U 2200P-50 B
				C223	87-012-282-080		C-CAP, U 4700P-50
				C224	87-012-282-080		C-CAP, U 4700P-50
				C225	87-A12-091-080		CAP, E 10-50 SMG
DIGITAL C.B							
C101	87-A12-091-080		CAP, E 10-50 SMG				
C102	87-A12-091-080		CAP, E 10-50 SMG	C226	87-A12-091-080		CAP, E 10-50 SMG
C103	87-012-172-080		C-CAP, U 10P CH	C235	87-A12-091-080		CAP, E 10-50 SMG
C104	87-012-172-080		C-CAP, U 10P CH	C251	87-010-759-080		C-CAP, U 0.1-25 F
C105	87-010-759-080		C-CAP, U 0.1-25 F	C252	87-010-759-080		C-CAP, U 0.1-25 F
				C401	87-010-759-080		C-CAP, U 0.1-25 F
C106	87-A10-369-080		C-CAP, S 0.47-16 KB				
C107	87-A12-068-080		CAP, E 470-16 SMG	C404	87-010-759-080		C-CAP, U 0.1-25 F
C108	87-010-759-080		C-CAP, U 0.1-25 F	C405	87-A12-087-080		CAP, E 1-50 SMG
C109	87-A12-068-080		CAP, E 470-16 SMG	C406	87-A12-090-080		CAP, E 4.7-50 SMG
C110	87-010-759-080		C-CAP, U 0.1-25 F	C410	87-012-274-080		C-CAP, U 1000P-50 KB
				C501	87-012-198-080		C-CAP, U 180P-50 J CH
C111	87-A12-091-080		CAP, E 10-50 SMG				
C112	87-A12-091-080		CAP, E 10-50 SMG	C502	87-012-198-080		C-CAP, U 180P-50 J CH
C113	87-012-195-080		C-CAP, U 100P-50 CH	C503	87-A12-071-080		CAP, E 47-25 SMG
C114	87-012-195-080		C-CAP, U 100P-50 CH	C504	87-A12-091-080		CAP, E 10-50 SMG
C115	87-012-284-080		C-CAP, U 6800P-50	C505	87-A12-071-080		CAP, E 47-25 SMG
				C506	87-A12-091-080		CAP, E 10-50 SMG
C116	87-012-284-080		C-CAP, U 6800P-50				
C117	87-012-278-080		C-CAP, U 2200P-50 B	C507	87-010-759-080		C-CAP, U 0.1-25 F
C118	87-012-278-080		C-CAP, U 2200P-50 B	C508	87-010-759-080		C-CAP, U 0.1-25 F
C119	87-012-282-080		C-CAP, U 4700P-50	C509	87-A12-091-080		CAP, E 10-50 SMG
C120	87-012-282-080		C-CAP, U 4700P-50	C510	87-A12-091-080		CAP, E 10-50 SMG
				C511	87-A12-091-080		CAP, E 10-50 SMG
C121	87-012-278-080		C-CAP, U 2200P-50 B				
C122	87-012-278-080		C-CAP, U 2200P-50 B	C512	87-012-278-080		C-CAP, U 2200P-50 B
C123	87-A12-091-080		CAP, E 10-50 SMG	C513	87-012-278-080		C-CAP, U 2200P-50 B
C124	87-A12-091-080		CAP, E 10-50 SMG	C601	87-A12-091-080		CAP, E 10-50 SMG
C125	87-010-759-080		C-CAP, U 0.1-25 F	C602	87-010-759-080		C-CAP, U 0.1-25 F
				C603	87-A12-091-080		CAP, E 10-50 SMG
C151	87-A12-091-080		CAP, E 10-50 SMG				
C152	87-A12-091-080		CAP, E 10-50 SMG	C604	87-010-759-080		C-CAP, U 0.1-25 F
C153	87-012-172-080		C-CAP, U 10P CH	C606	87-012-274-080		C-CAP, U 1000P-50 KB
C154	87-012-172-080		C-CAP, U 10P CH	C614	87-012-172-080		C-CAP, U 10P-50 D CH
C155	87-010-759-080		C-CAP, U 0.1-25 F	C617	87-A12-087-080		CAP, E 1-50 SMG
				C618	87-010-759-080		C-CAP, U 0.1-25 F
C156	87-A10-369-080		C-CAP, S 0.47-16 KB				
C157	87-010-759-080		C-CAP, U 0.1-25 F	C621	87-A12-091-080		CAP, E 10-50 SMG
C159	87-A10-047-080		C-CAP, U 1-10 ZF	C624	87-010-759-080		C-CAP, U 0.1-25 F
C160	87-A10-047-080		C-CAP, U 1-10 ZF	C631	87-A12-091-080		CAP, E 10-50 SMG
C161	87-012-195-080		C-CAP, U 100P-50 CH	C651	87-010-101-080		CAP, E 220-16
				C653	87-010-759-080		C-CAP, U 0.1-25 F
C162	87-012-195-080		C-CAP, U 100P-50 CH				
C163	87-010-759-080		C-CAP, U 0.1-25 F	C654	87-010-759-080		C-CAP, U 0.1-25 F
C165	87-012-284-080		C-CAP, U 6800P-50	C655	87-A12-087-080		CAP, E 1-50 SMG
C166	87-012-284-080		C-CAP, U 6800P-50	C656	87-A12-087-080		CAP, E 1-50 SMG
C167	87-012-278-080		C-CAP, U 2200P-50 B	C657	87-010-759-080		C-CAP, U 0.1-25 F
				C658	87-010-759-080		C-CAP, U 0.1-25 F
C168	87-012-278-080		C-CAP, U 2200P-50 B				
C169	87-012-278-080		C-CAP, U 2200P-50 B	C659	87-A11-148-080		CAP, TC U 0.1-50 ZF
C170	87-012-278-080		C-CAP, U 2200P-50 B	C701	87-012-274-080		C-CAP, U 1000P-50 KB
C171	87-012-282-080		C-CAP, U 4700P-50	C702	87-010-757-080		C-CAP, U 0.047-25 F
C172	87-012-282-080		C-CAP, U 4700P-50	C704	87-012-278-080		C-CAP, U 2200P-50 B
				C711	87-010-759-080		C-CAP, U 0.1-25 F
C173	87-A12-091-080		CAP, E 10-50 SMG				
C174	87-A12-091-080		CAP, E 10-50 SMG	C712	87-A12-062-080		CAP, E 100-10 SMG
C175	87-010-759-080		C-CAP, U 0.1-25 F	C714	87-A10-031-080		C-CAP, U 0.01-25 KB
C201	87-A12-091-080		CAP, E 10-50 SMG	C715	87-A10-031-080		C-CAP, U 0.01-25 KB
C202	87-A12-091-080		CAP, E 10-50 SMG	C751	87-012-278-080		C-CAP, U 2200P-50 B
				C793	87-010-196-080		C-CAP, S 0.1-25 ZF
C203	87-012-172-080		C-CAP, U 10P CH				
C204	87-012-274-080		C-CAP, U 1000P-50 B	C794	87-012-180-080		C-CAP, U 22P-50 CH
C205	87-010-759-080		C-CAP, U 0.1-25 F	C795	87-010-759-080		C-CAP, U 0.1-25 ZF
C206	87-A10-369-080		C-CAP, S 0.47-16 K B	C801	87-010-759-080		C-CAP, U 0.1-25 ZF
C207	87-010-759-080		C-CAP, U 0.1-25 F	C802	87-012-286-080		CAP, U 0.01-25 KB
				C804	87-A10-039-080		C-CAP, U 470P-50 J CH

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C805	87-A12-088-080		CAP,E 2.2-50 SMG	C91	87-012-286-080		C-CAP,U 0.01-25 KB
C808	87-012-172-080		C-CAP,U 10P-50 D CH	CN50	87-009-663-010		CONN,6P VH V
C810	87-012-274-080		C-CAP,U 1000P-50 B	CN51	87-A61-300-010		CONN,4P V VH
C818	87-010-759-080		C-CAP,U 0.1-25 F	J50	87-A61-612-010		TERMINAL,SP 6P CJ-9033-17-4203
C819	87-A12-062-080		CAP,E 100-10 SMG	J52	87-A61-619-010		TERMINAL,SPKR-SCREW 4P(WELLCO)
C820	87-010-759-080		C-CAP,U 0.1-25 F	L50	87-A50-610-010		COIL,1UH K(MDEC)
C823	87-010-759-080		C-CAP,U, 0.1-25 F	L52	87-A50-610-010		COIL,1UH K(MDEC)
CN102	87-099-560-010		CONN,14P TUC-P	L53	87-A50-610-010		COIL,1UH K(MDEC)
CN402	87-A60-051-010		CONN,19P V 9604S-19C	L54	87-A50-610-010		COIL,1UH K(MDEC)
FB601	87-008-372-080		FILTER, EMI BL OIRNI	L55	87-A50-610-010		COIL,1UH K(MDEC)
FB602	87-008-372-080		FILTER, EMI BL OIRNI				
FB603	87-008-372-080		FILTER, EMI BL OIRNI	AMP C.B			
FB701	87-008-372-080		FILTER, EMI BL OIRNI				
FB702	87-008-372-080		FILTER, EMI BL OIRNI	C803	87-012-278-080		C-CAP,U 2200P-50 B
FB801	87-008-372-080		FILTER, EMI BL OIRNI	C804	87-012-278-080		C-CAP,U 2200P-50 B
FB802	87-008-372-080		FILTER, EMI BL OIRNI	C805	87-A12-091-080		CAP,E 10-50 SMG
J751	87-A60-573-010		JACK,PIN 1P ORN	C806	87-A12-091-080		CAP,E 10-50 SMG
JW173	87-008-372-080		FLTR,EMI BL01 RN1	C807	87-012-195-080		C-CAP,U 100P-50 CH
JW185	87-008-372-080		FLTR,EMI BL01 RN1				
JW504	87-008-372-080		FLTR,EMI BL01 RN1	C808	87-012-195-080		C-CAP,U 100P-50 CH
JW505	87-A11-148-080		CAP,TC U 0.1-50 ZF	C809	87-A12-092-080		CAP,E 22-50 SMG
X701	87-A70-186-080		C-VIB,XTAL OSC FCX0-3	C810	87-A12-092-080		CAP,E 22-50 SMG
				C811	87-012-273-080		C-CAP,U 820P-50 B
				C812	87-012-273-080		C-CAP,U 820P-50 B
VOLUME C.B				C813	87-A10-897-080		CAP,E 100-25 BP SME
C601	87-012-274-080		C-CAP,U 1000P-50 B	C814	87-A10-897-080		CAP,E 100-25 BP SME
CN603	87-A60-081-010		CONN,06P H 9604S-06F	C815	87-012-164-080		C-CAP,U 2P-50 CK
S600	87-A90-095-080		SW,TACT EVQ11G04M	C816	87-012-164-080		C-CAP,U 2P-50 CK
S601	87-A90-095-080		SW,TACT EVQ11G04M	C817	87-012-271-080		C-CAP,U 560P-50 KB
SW601	87-A91-645-010		SW,RTRY EC12E24304NON-CLICK	C818	87-012-271-080		C-CAP,U 560P-50 KB
HP/VIDEO C.B				C819	87-012-271-080		C-CAP,U 560P-50 KB
C502	87-A11-144-080		CAP,TC U 0.1-50 KB	C820	87-012-271-080		C-CAP,U 560P-50 KB
C503	87-A11-144-080		CAP,TC U 0.1-50 KB	C821	87-012-271-080		C-CAP,U 560P-50 KB
C504	87-010-188-080		C-CAP,6800P	C822	87-012-271-080		C-CAP,U 560P-50 KB
C505	87-010-188-080		C-CAP,6800P				
C506	87-012-278-080		C-CAP,U 2200P-50 KB	C823	87-012-271-080		C-CAP,U 560P-50 KB
C507	87-012-278-080		C-CAP,U 2200P-50 KB	C824	87-012-271-080		C-CAP,U 560P-50 KB
C508	87-A11-144-080		CAP,TC U 0.1-50 KB	C827	87-012-368-080		C-CAP,S 0.1-50 F
CN501	87-A60-666-010		CONN,2P H 2MM JMT	C828	87-010-866-080		CAP,E 10-63 M VX
CN502	87-099-201-010		CONN,8P 6216 H	C831	87-012-274-080		C-CAP,U 1000P-50 B
FB502	87-008-372-080		FILTER, EMI BL OIRNI	C832	87-012-274-080		C-CAP,U 1000P-50 B
FB503	87-008-372-080		FILTER, EMI BL OIRNI	C870	87-010-866-080		CAP,E 10-63 M VX
J502	87-A60-606-010		JACK,PIN 3P R/W/Y W/O SW H	CN801	87-099-562-010		CONN,18P TUC-P18X-B1
J503	87-A60-488-010		JACK,DIA6.3 BLK ST W/SW KM16AT	PT C.B			
JW503	87-008-474-080		F-BEAD,BL02RN1-R62T2 EMI	C1	87-010-388-080		CAP,E 1000-25 M SME
				C2	87-A12-089-080		CAP,E 3.3-50 SMG
				C3	87-A11-148-080		CAP,TC U 0.1-50 ZF
				C4	87-A11-148-080		CAP,TC U 0.1-50 ZF
				C5	87-A11-148-080		CAP,TC U 0.1-50 ZF
SPEAKER C.B				C6	87-A11-144-080		CAP,TC U 0.1-50 KB
C51	87-012-368-080		C-CAP,S 0.1-50 F	CN3	87-A60-851-010		CONN,9P V VH
C52	87-012-368-080		C-CAP,S 0.1-50 F	CNA1	8B-AR4-651-010		CONN ASSY,2P AC-OUTLET(EZ)
C53	87-012-368-080		C-CAP,S 0.1-50 F	CNA2	88-805-033-690		CONN ASSY,3P 300
C56	87-012-368-080		C-CAP,S 0.1-50 F	△ PT1	8B-AR3-625-010		PT,E EI85-60 BAR-3
C57	87-012-368-080		C-CAP,S 0.1-50 F	△ PT2	8Z-NF8-659-010		HT,SUB ZNF-8(E) TAM
C58	87-012-368-080		C-CAP,S 0.1-50 F	△ RY1	87-A91-368-010		RELAY,ACDC12V DG12D-O(M)-2
C61	87-012-286-080		C-CAP,U 0.01-25	△ T1	87-A60-317-010		TERMINAL, 1P MSC
C62	87-012-286-080		C-CAP,U 0.1-25 KB	△ T2	87-A60-317-010		TERMINAL, 1P MSC
C64	87-012-286-080		C-CAP,U 0.01-25				
C65	87-010-191-080		C-CAP,S 0.015-50 ZF	AC OUTLET C.B			
C66	87-010-191-080		C-CAP,S 0.015-50 ZF	△ F102	87-A91-218-010		FUSE,4A 250V 50T
C67	87-010-191-080		C-CAP,S 0.015-50 ZF	△ FC103	87-033-147-010		FUSE CLAMP,MT 20
C80	87-010-191-080		C-CAP,S 0.015-50 ZF	△ FC104	87-033-147-010		FUSE CLAMP,MT 20
C81	87-010-191-080		C-CAP,U 0.01-25 KB	△ J102	87-009-932-010		OUTLET,AC E YKE31-0090
C83	87-012-286-080		C-CAP,U 0.01-25 KB	△ J103	87-009-932-010		OUTLET,AC E YKE31-0090
C84	87-012-286-080		C-CAP,U 0.01-25 KB				
C85	87-010-759-080		C-CAP,U 0.1-25 ZF	VM C.B			
C86	87-012-368-080		C-CAP,S 0.1-50 ZF				
C88	87-012-368-080		C-CAP,S 0.1-50 ZF	CN001	87-049-919-010		CONN,3P V WHT EH
C89	87-012-368-080		C-CAP,S 0.1-50 ZF				



○チップ抵抗部品コード／CHIP RESISTOR PART CODE

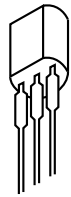
チップ抵抗部品コードの成り立ち  
Chip Resistor Part Coding



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



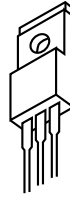
E C B

CC5551  
CSC4115BC  
2SA1015GR  
2SA1980G  
2SC1815GR  
2SC5343Y



E C B

2SC2001K



B C E

2SA1931  
2SB1370E  
FN1016  
FP1016  
KTA1046Y



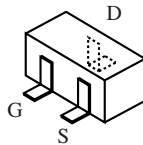
G D S

2SK3053

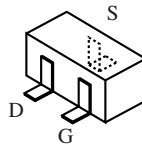


E C B

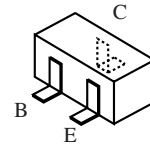
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DTC114ES



2SK2158



2SK360E

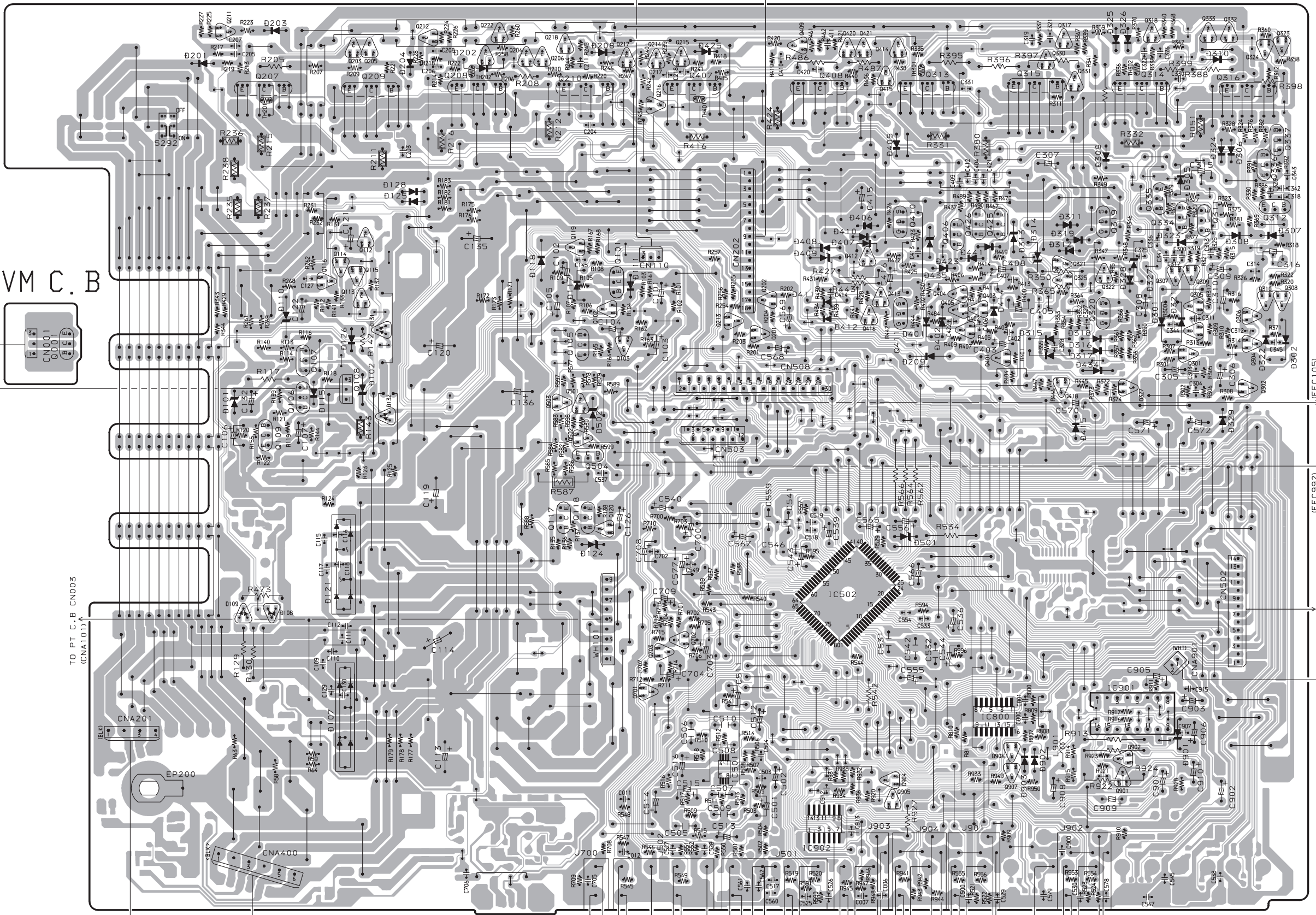
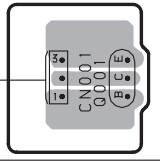


2SA1037K(R) CSA1362GR  
2SA1514K(S) CSD1306E  
2SA1235F DTC114YKA  
2SC2714O DTC123JKA  
2SC3052F KRA102S  
2SD1306E KRA107S  
CMBT5401 RT1N144C  
CMBT5551 RT1P144C

A MAIN C.B

S292 FRONT SPEAKERS OFF ON

K VM C.B



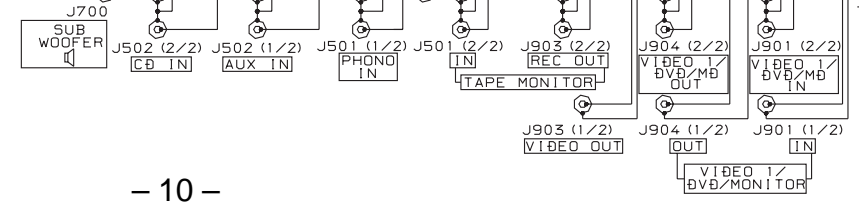
TO PT C.B CN003 (CNA1011)

TO SPEAKER C.B CNS1

TO SPEAKER C.B CNS0

TO PT C.B CNA002

TO AMP C.B CN801

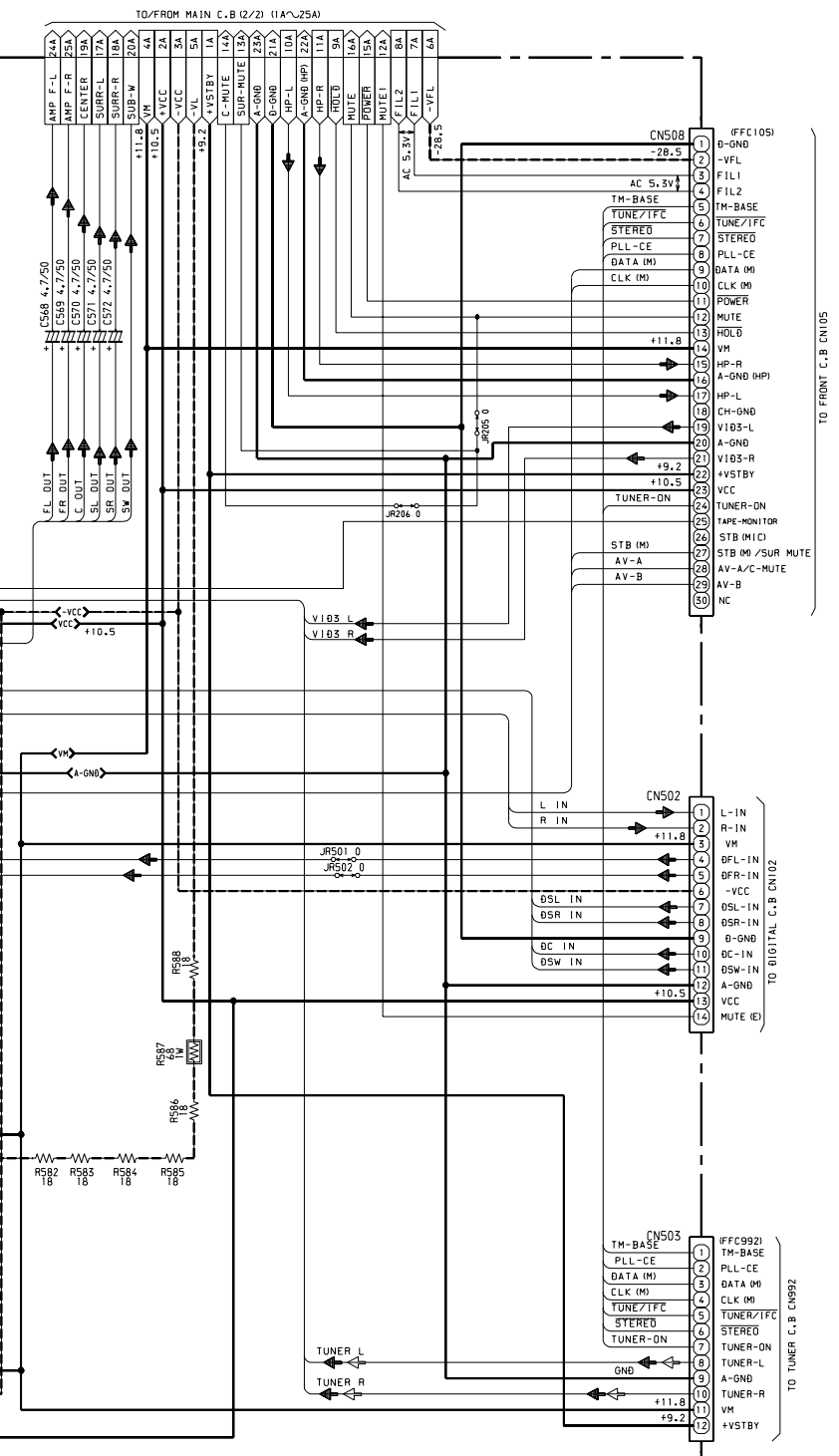
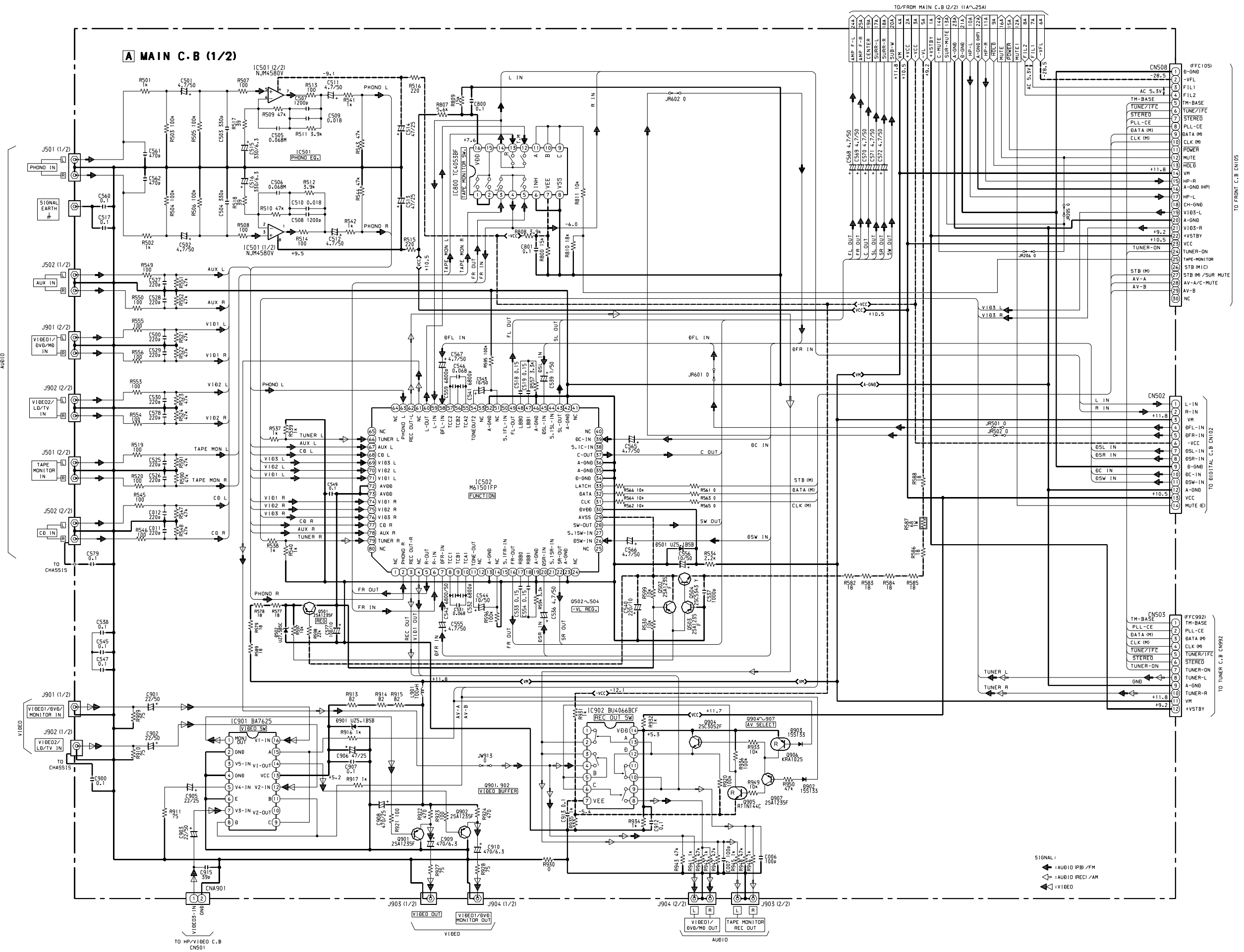


TO CHASSIS



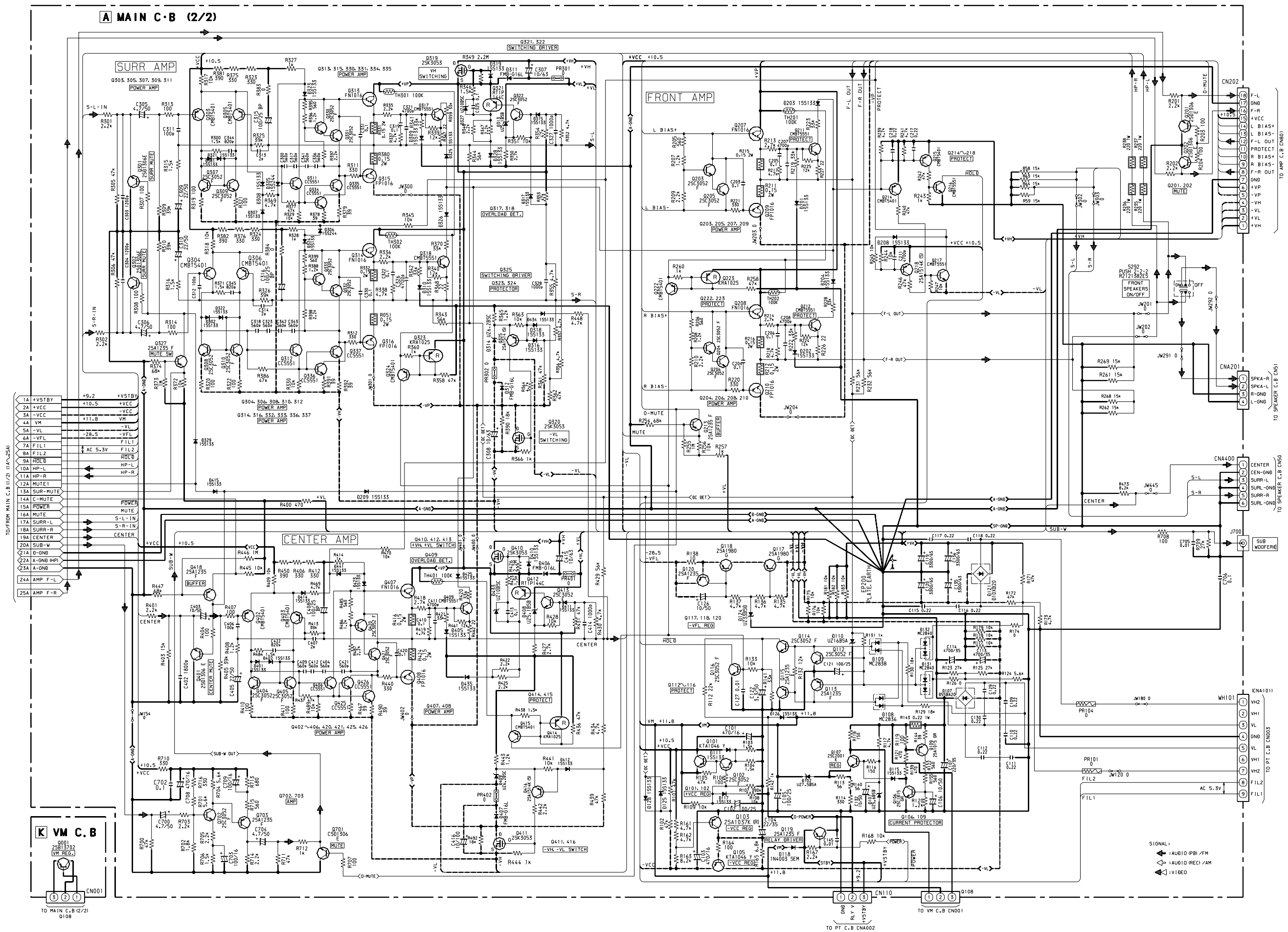
TO DIGITAL C.B CN102  
TO HP/VIDEO C.B CN501  
TO FRONT C.B CN105  
TO TUNER C.B CN592

SCHEMATIC DIAGRAM - 1 (MAIN 1/2)



SIGNAL:  
 ▲ : AUDIO (PB) / FM  
 ▲ : AUDIO (REC) / AM  
 ▲ : VIDEO

SCHEMATIC DIAGRAM - 2 (MAIN 2/2)



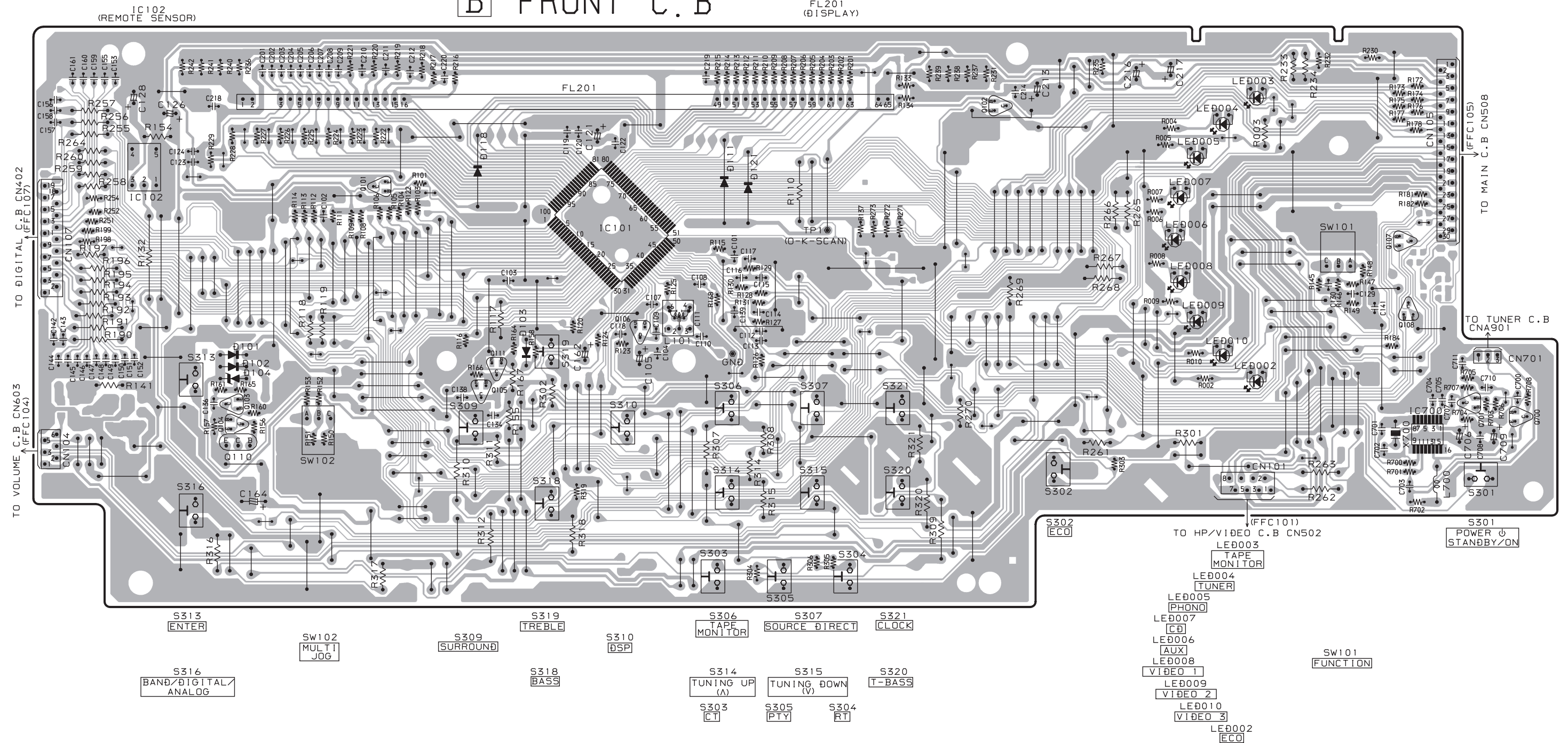
WIRING - 2 (FRONT)

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  
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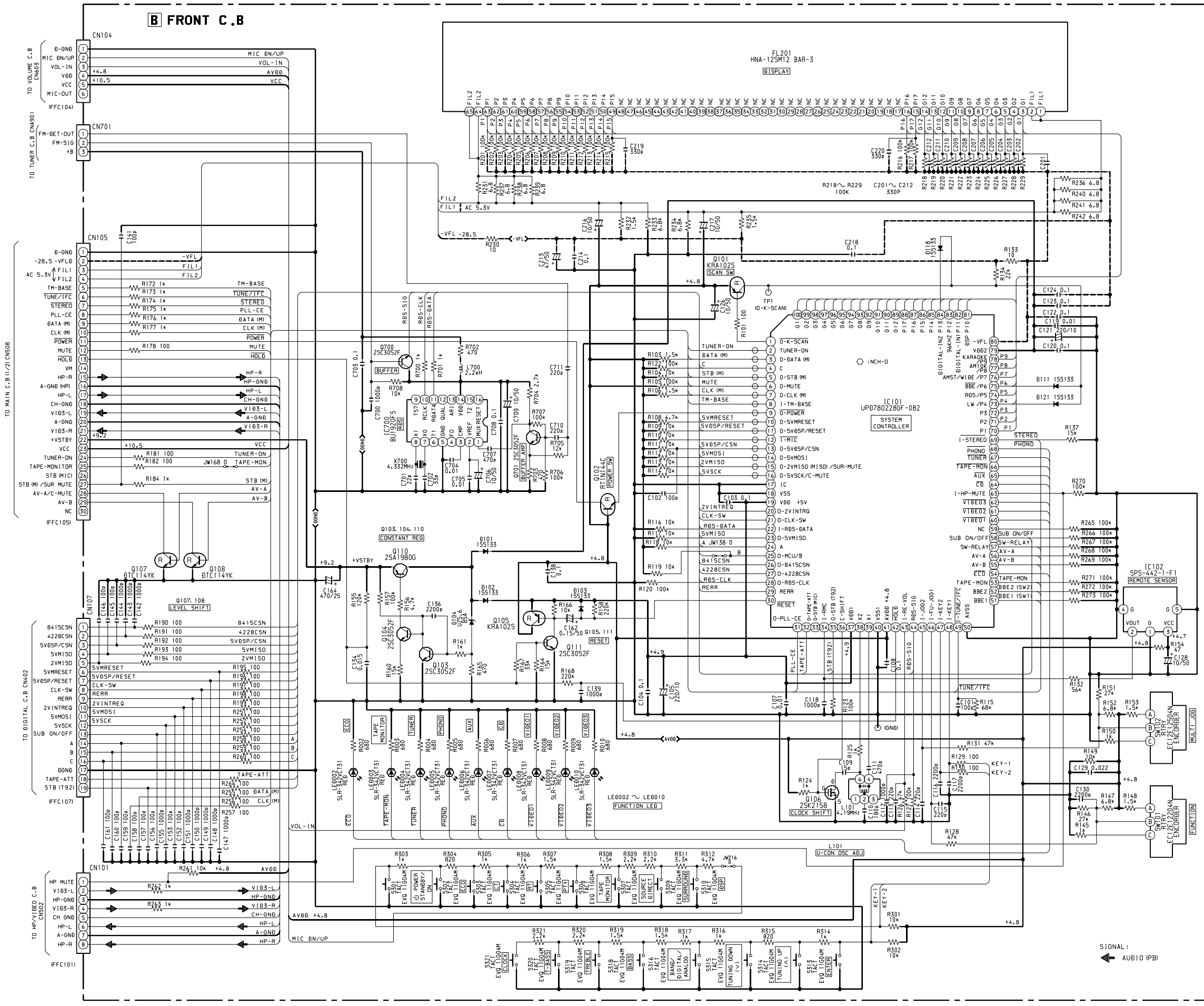
**B** FRONT C.B

FL201  
(DISPLAY)



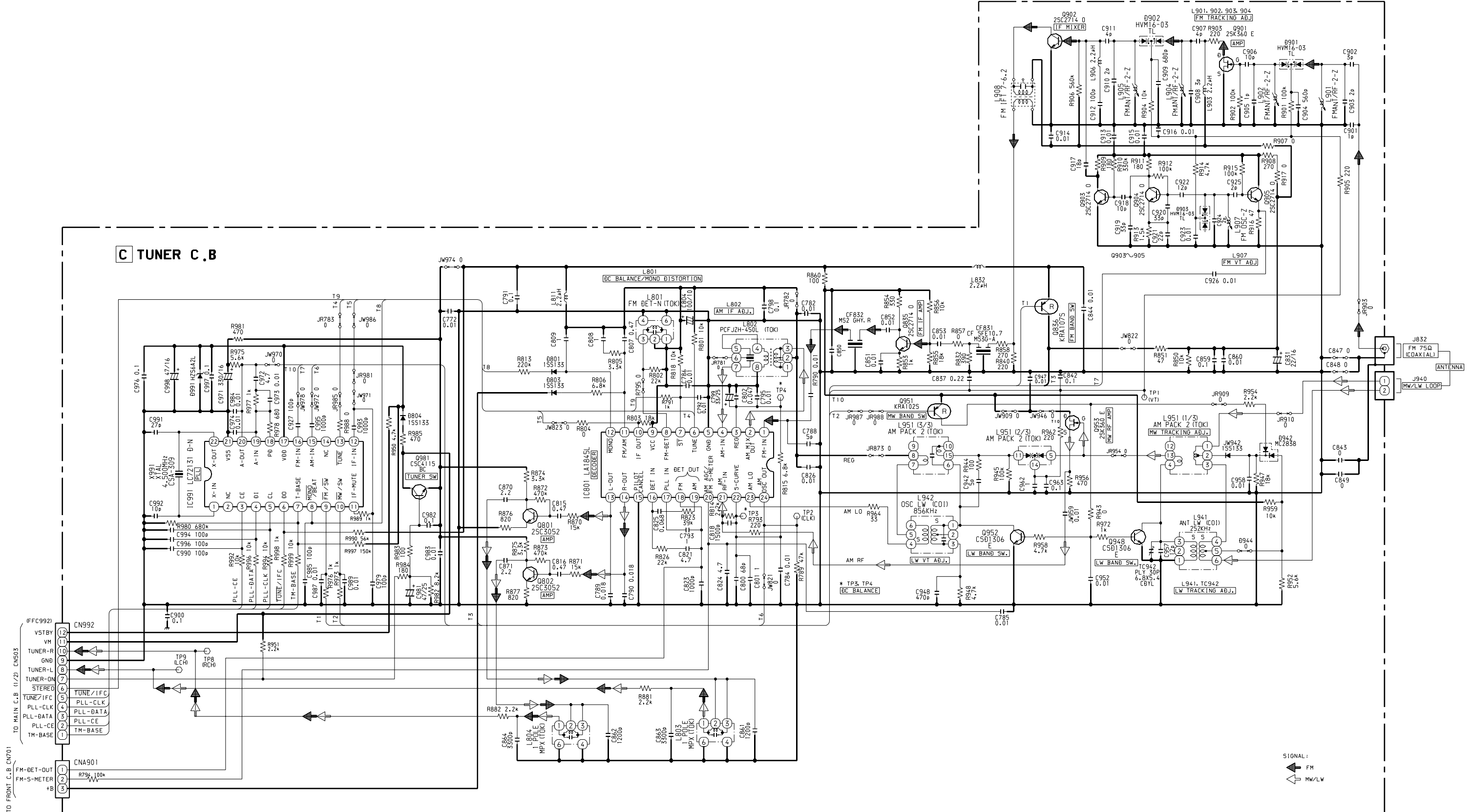
- S313  
ENTER
- SW102  
MULTI  
JOG
- S309  
SURROUND
- S318  
BASS
- S310  
BSP
- S306  
TAPE  
MONITOR
- S307  
SOURCE DIRECT
- S321  
CLOCK
- S314  
TUNING UP  
(A)
- S315  
TUNING DOWN  
(V)
- S320  
T-BASS
- S303  
CT
- S305  
PTY
- S304  
RT
- S302  
ECO
- S301  
POWER  
STANDBY/ON
- S308  
TAPE  
MONITOR
- S305  
PHONO
- S307  
CD
- S306  
AUX
- S308  
VIDEO 1
- S309  
VIDEO 2
- S310  
VIDEO 3
- S302  
ECO
- SW101  
FUNCTION

SCHEMATIC DIAGRAM - 3 (FRONT)





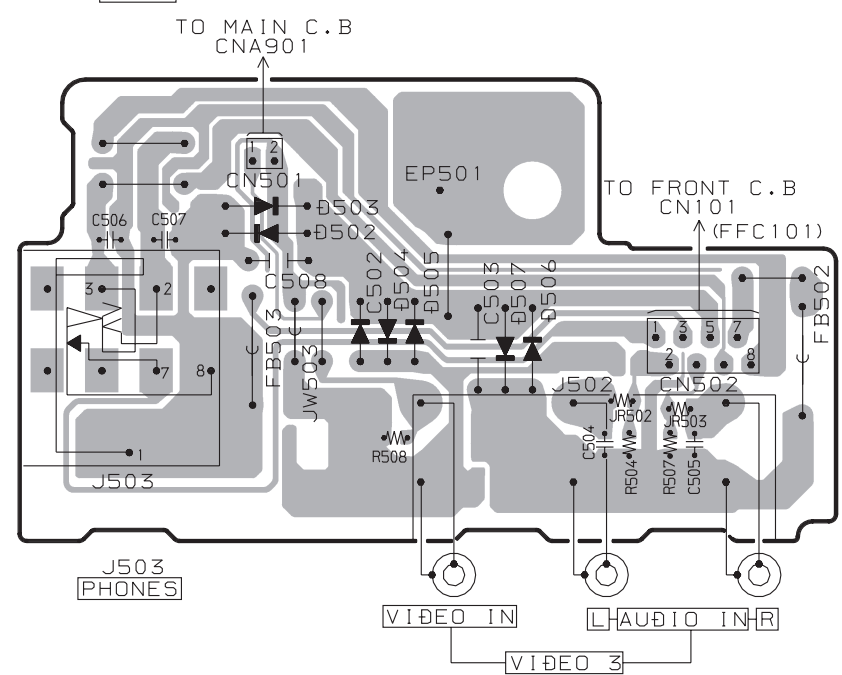
SCHEMATIC DIAGRAM - 4 (TUNER)



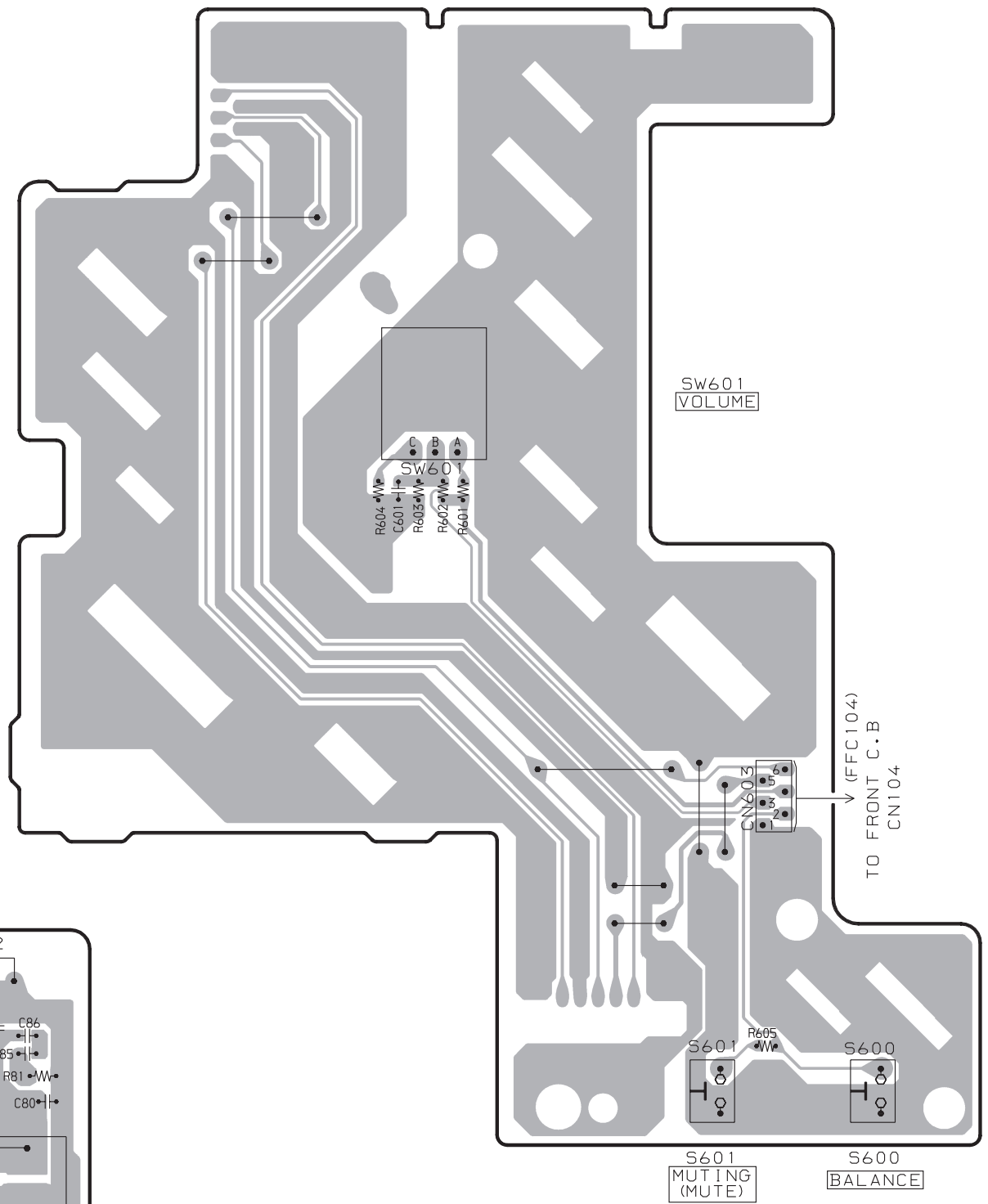


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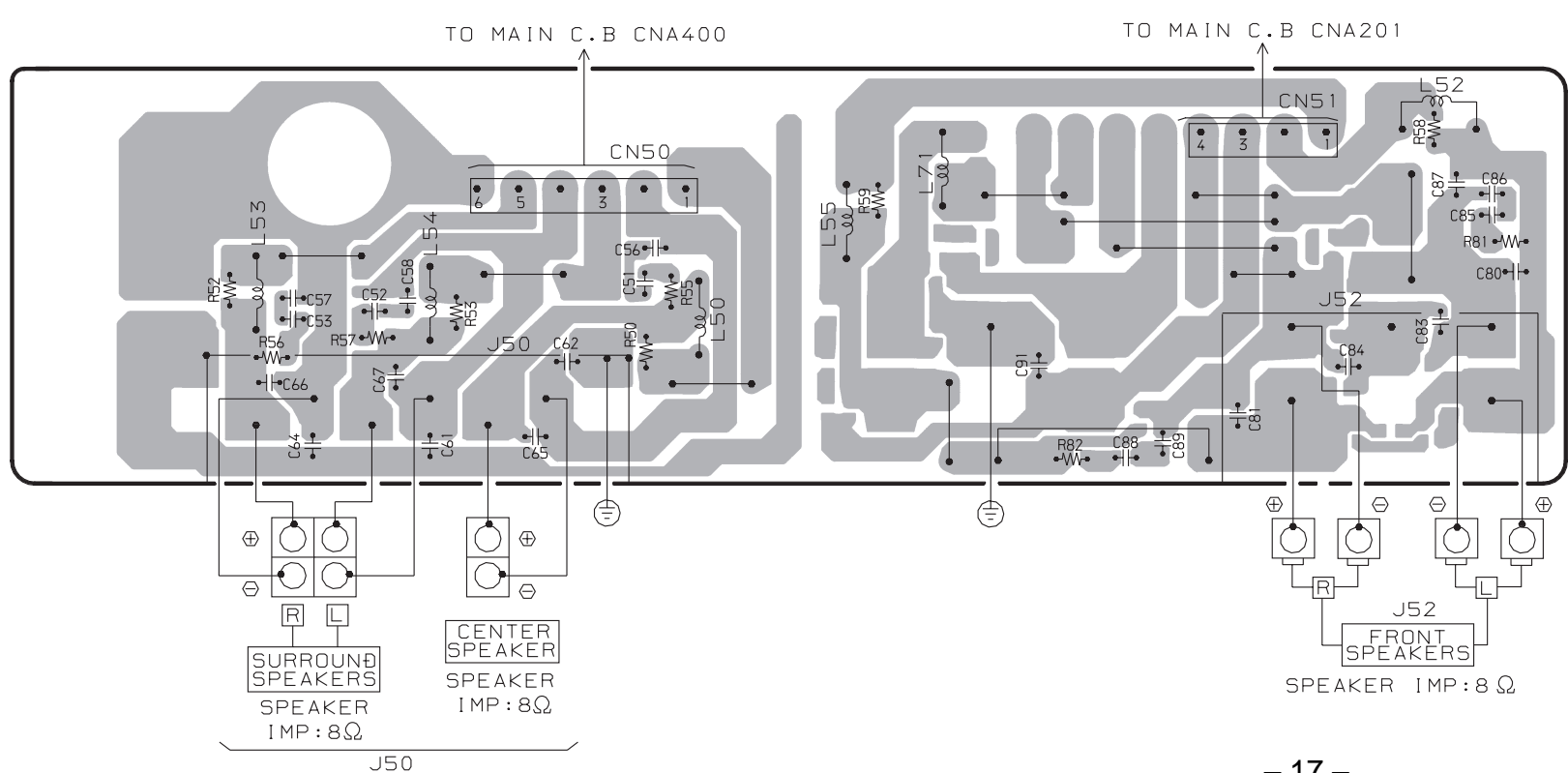
**F** HP / VIDEO C. B



**E** VOLUME C. B

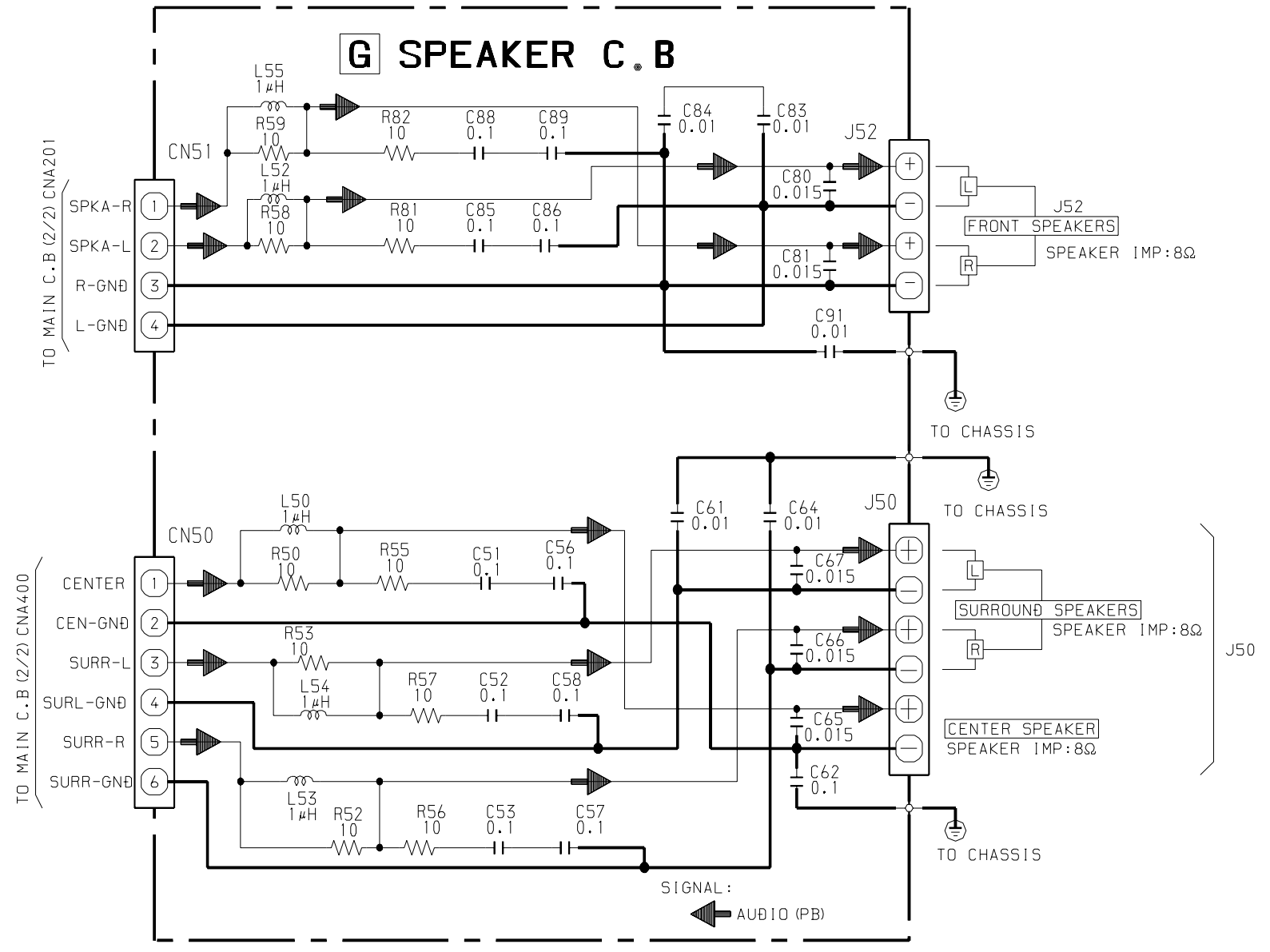
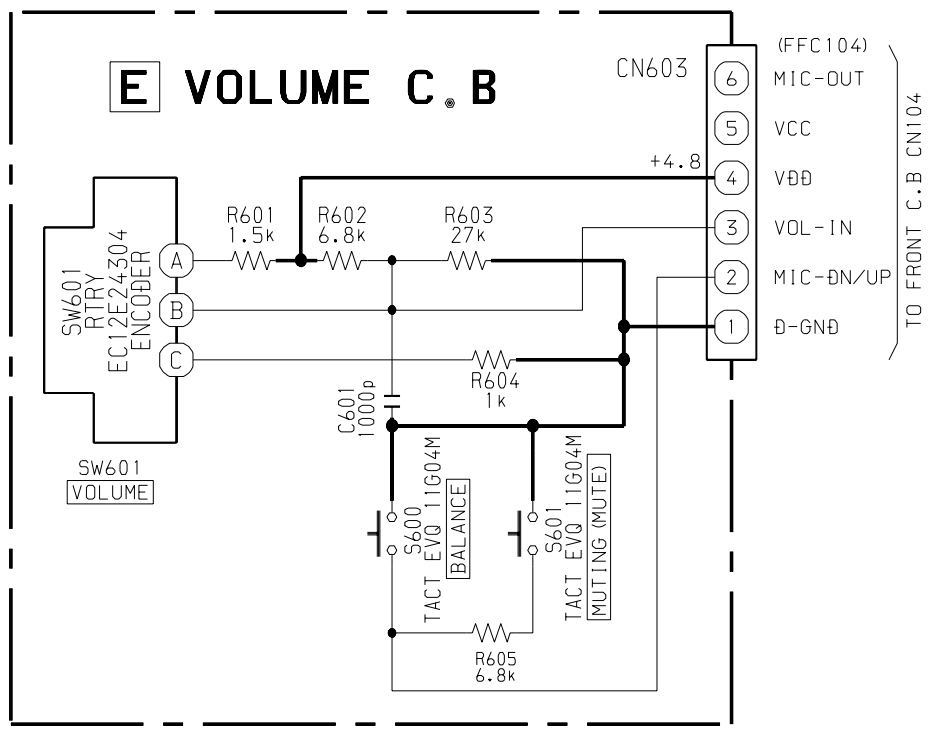
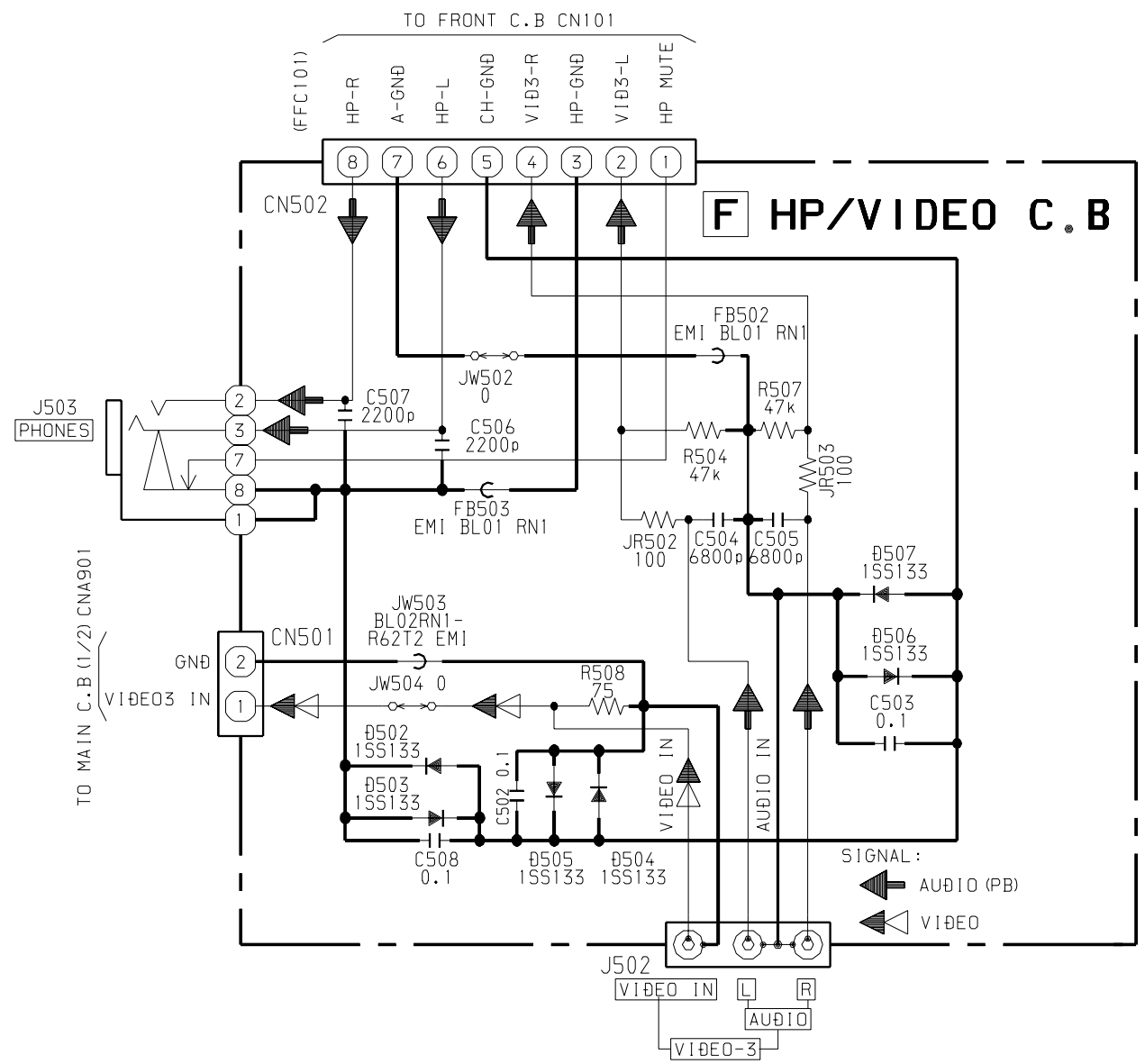


**G** SPEAKER C. B



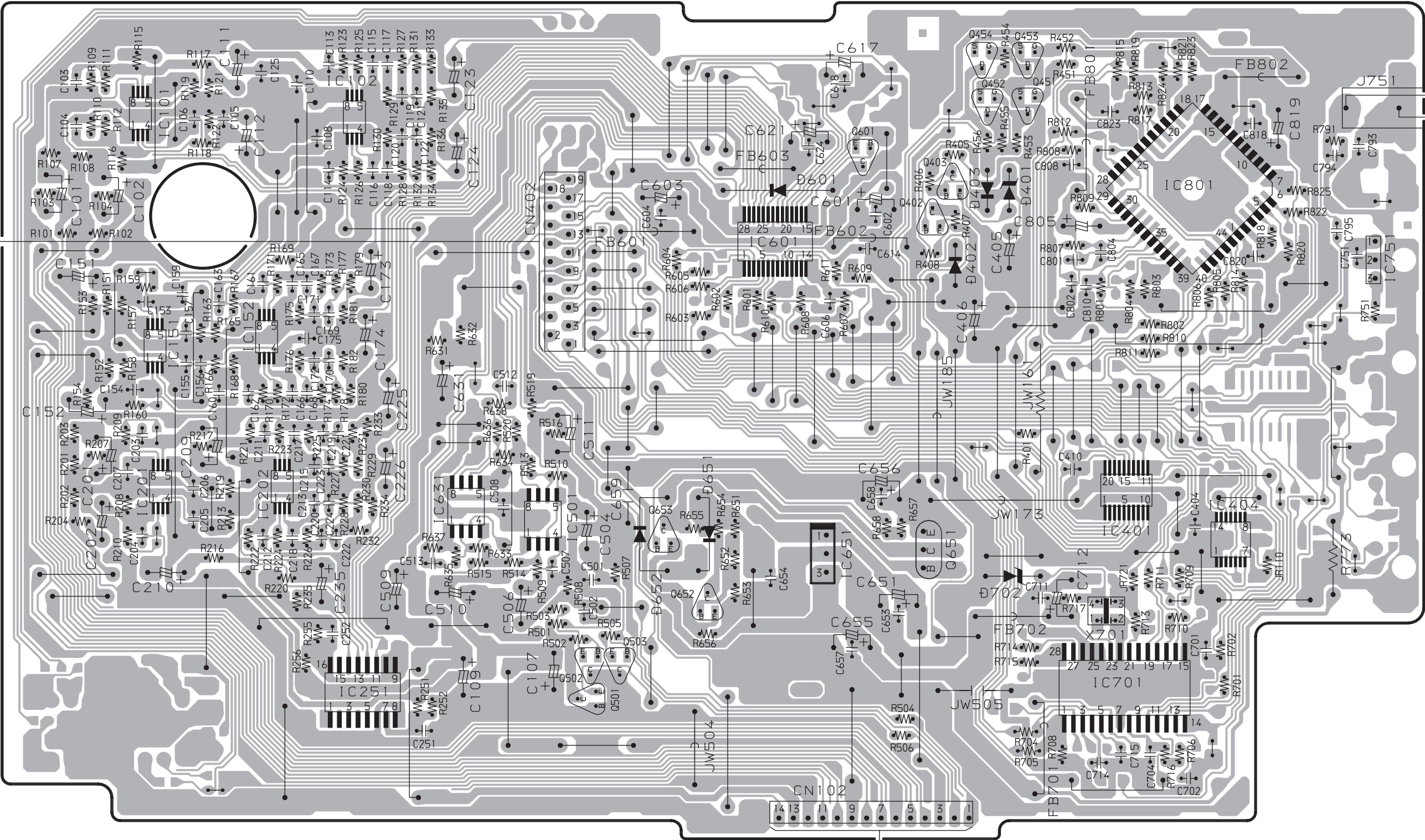
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SCHEMATIC DIAGRAM - 5 (HP / VIDEO / VOLUME / SPEAKER)



# D DIGITAL C.B

TO FRONT C.B CN107  
(FFC107)



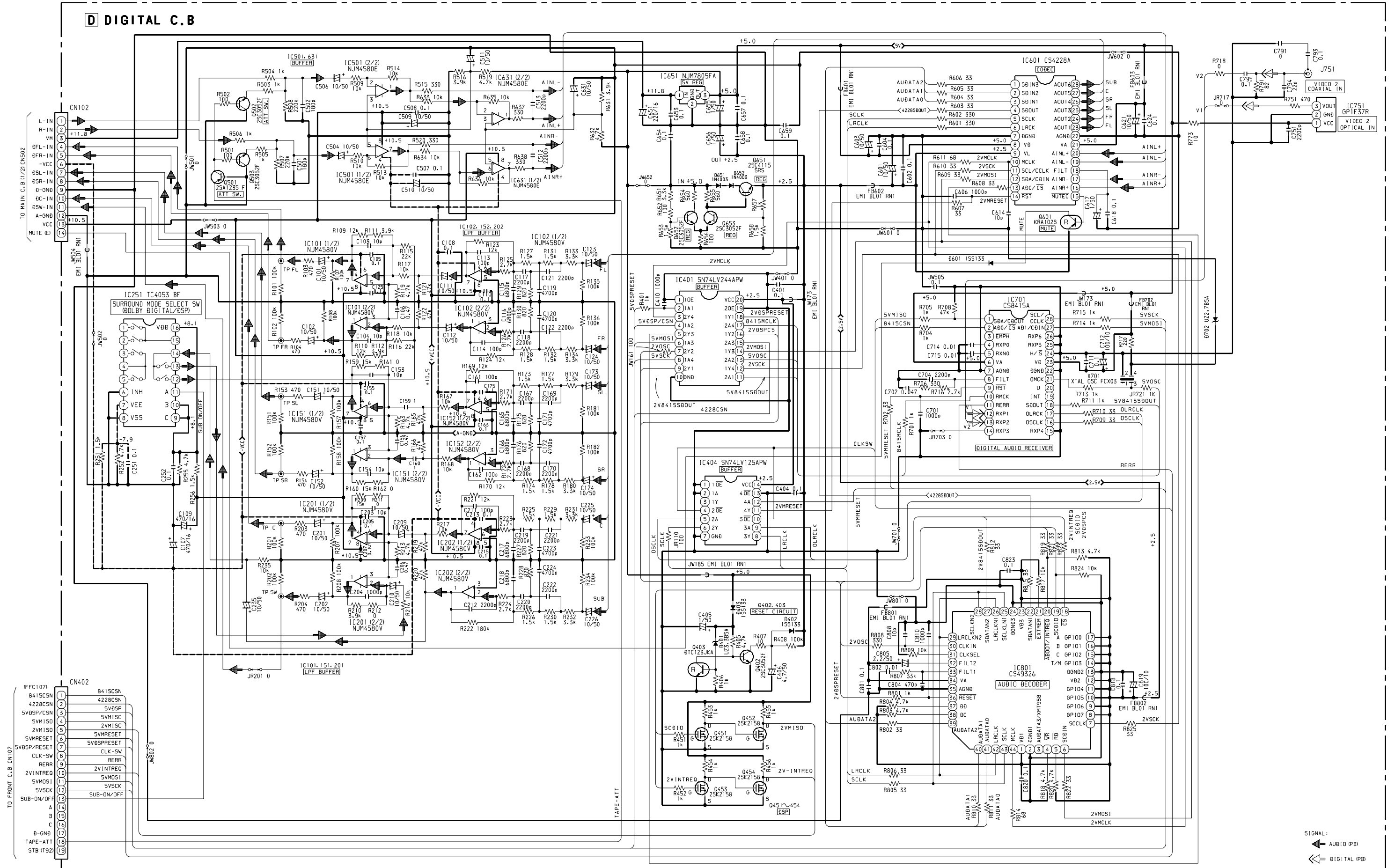
J751  
VIDEO 2  
COAXIAL IN

IC751  
VIDEO 2  
OPTICAL IN

TO MAIN C.B CN502

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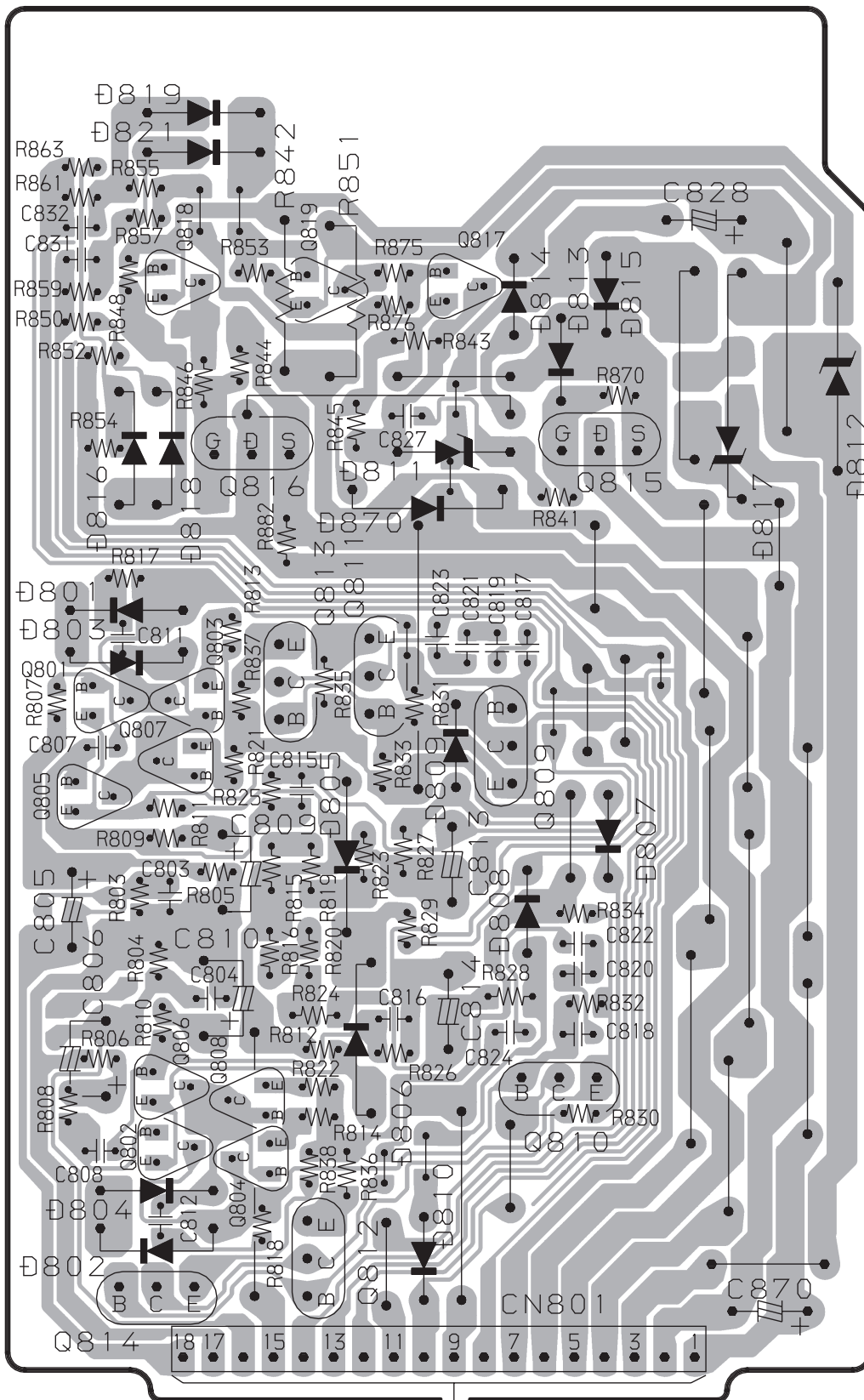
SCHEMATIC DIAGRAM-6 (DIGITAL)



15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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H

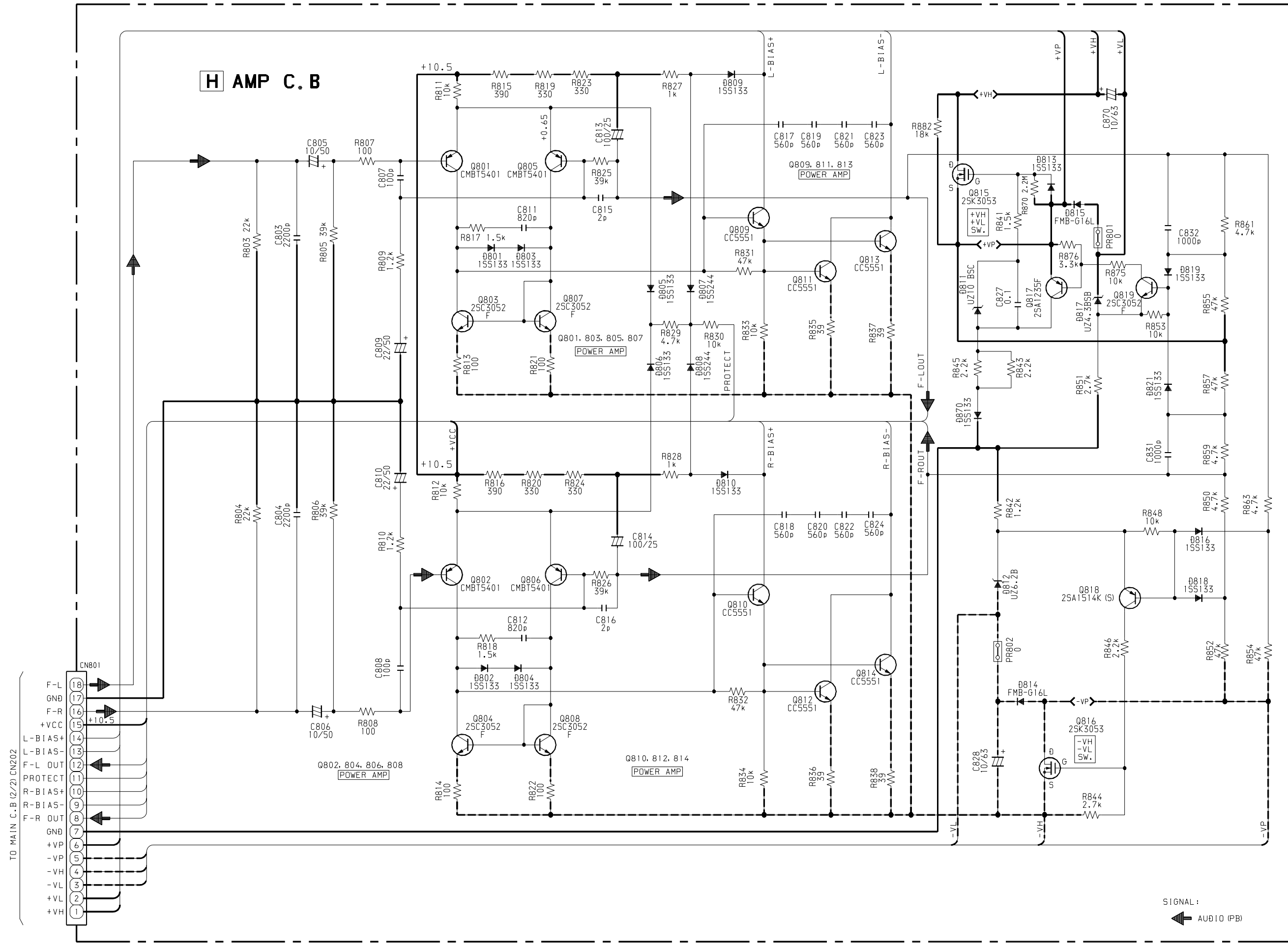
# AMP C.B



TO MAIN C.B CN202

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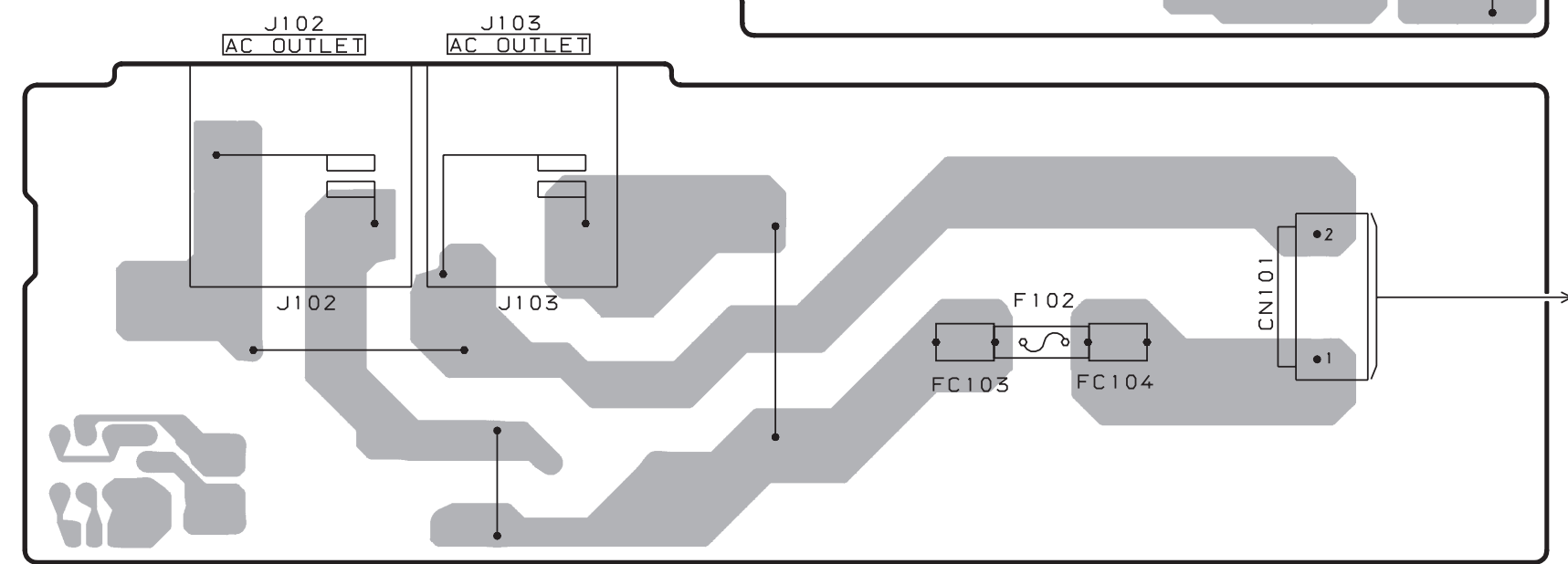
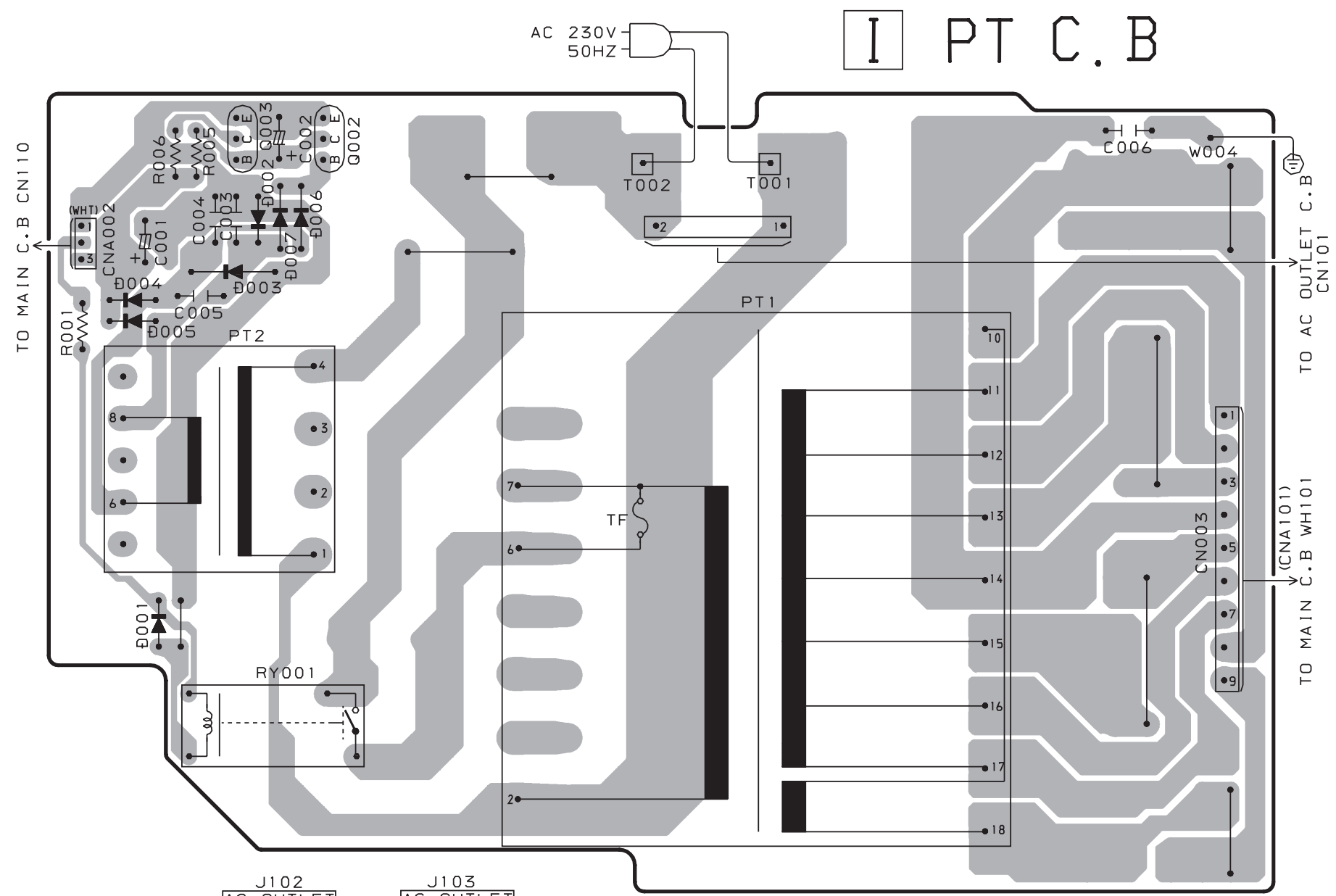
SCHEMATIC DIAGRAM - 7 (AMP)



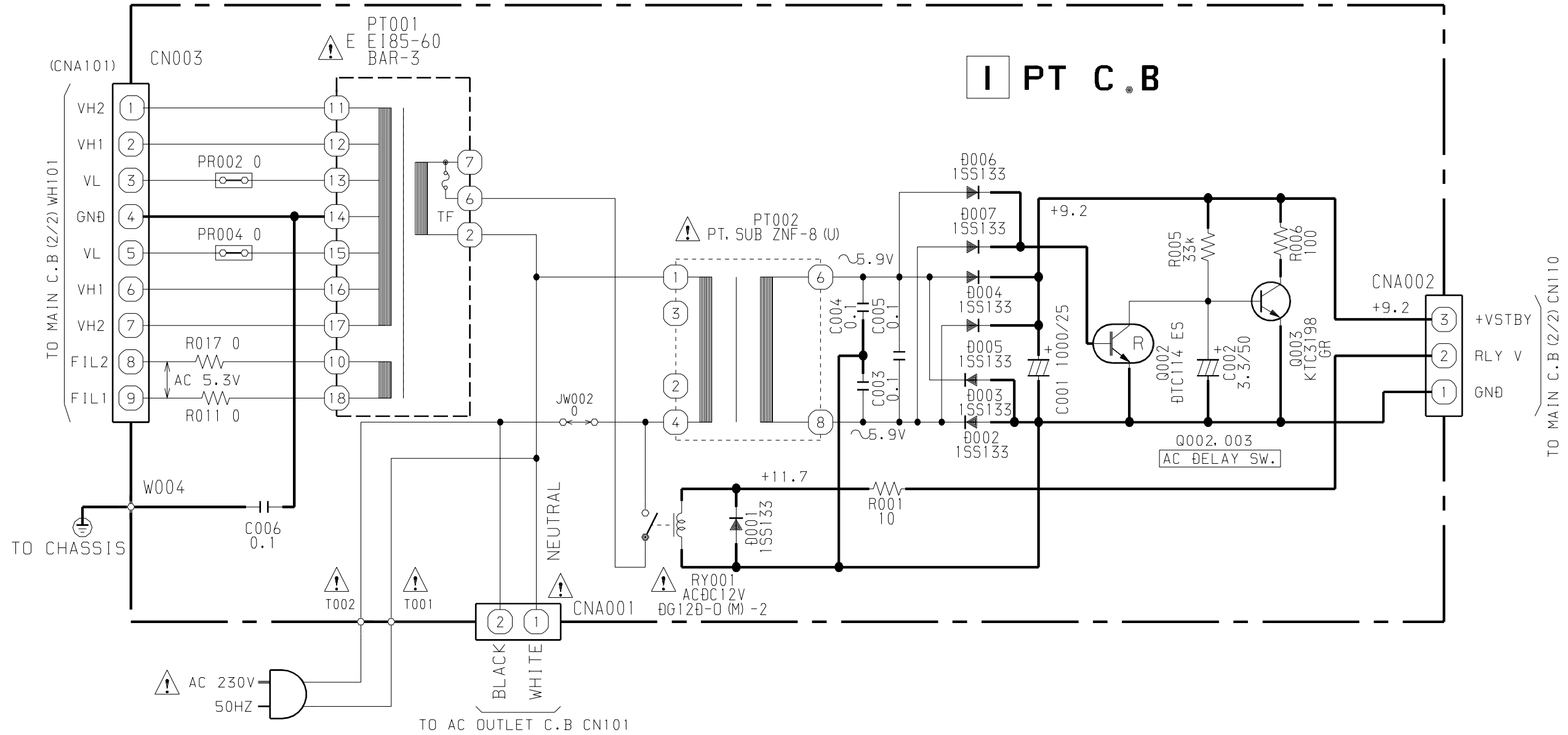
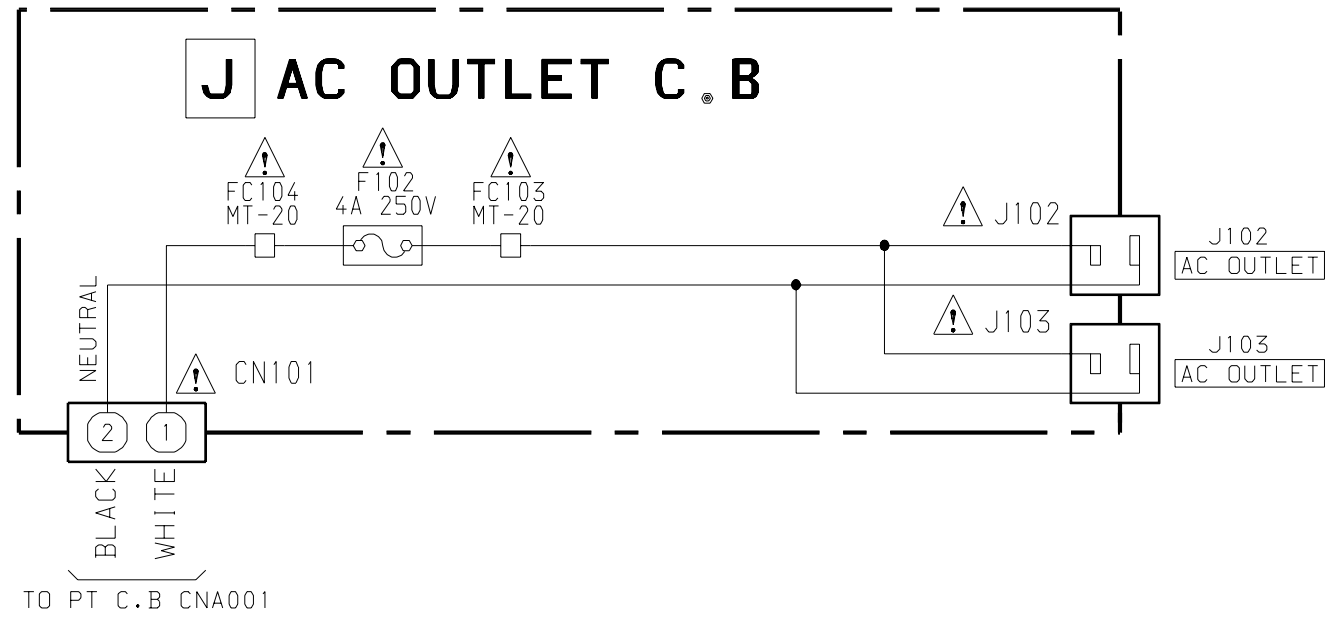
WIRING - 7 (PT / AC OUTLET)

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

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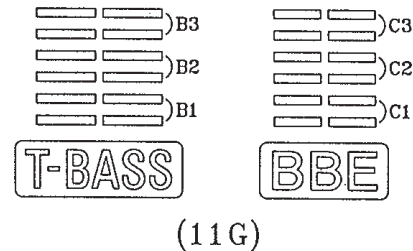
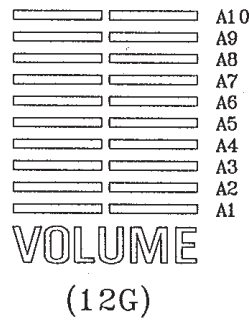
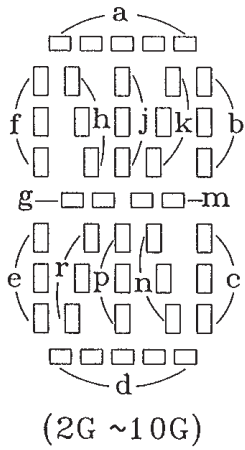
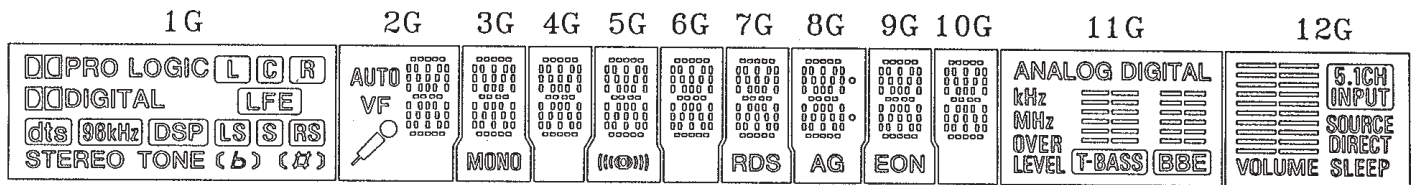
SCHEMATIC DIAGRAM - 8 (AC OUTLET / PT)





# FL (HNA-12SM12 BAR-3) GRID ASSIGNMENT / ANODE CONNECTION

## GRID ASSIGNMENT

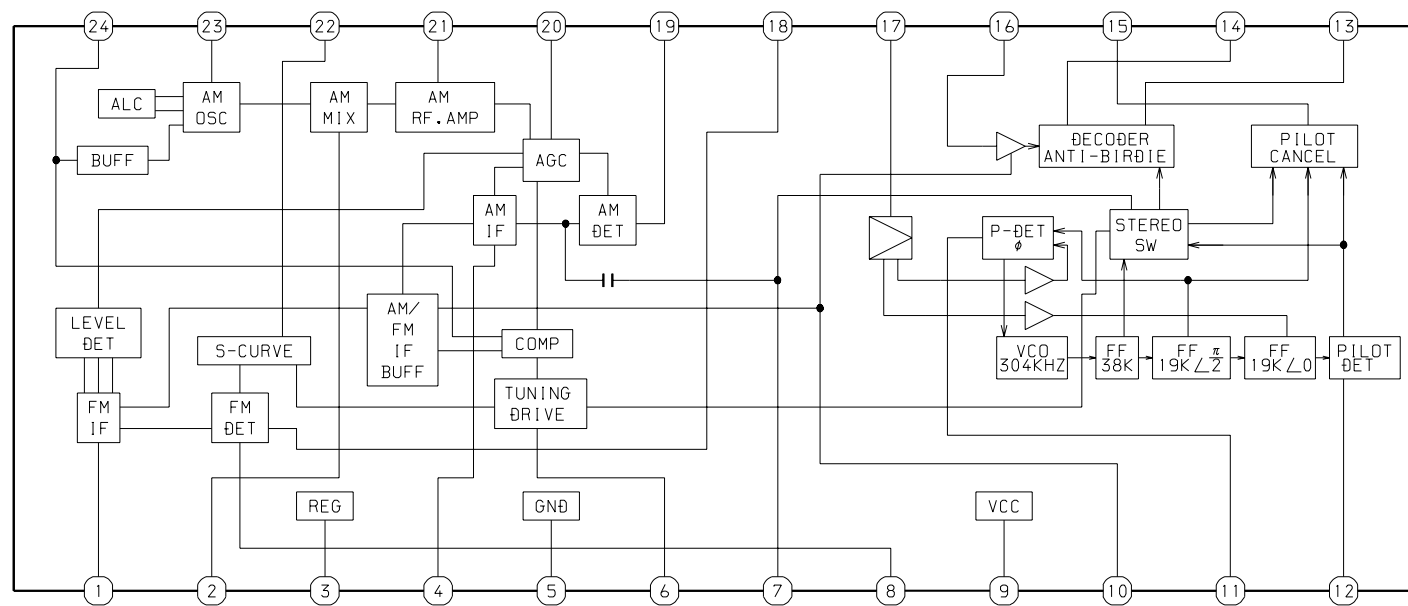


## ANODE CONNECTION

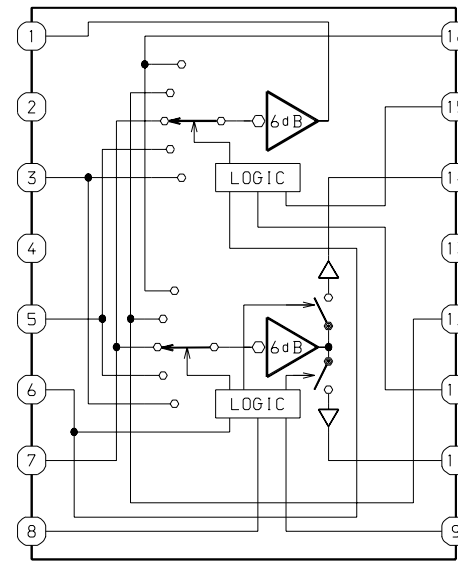
	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	12G
P1	L	d	d	d	d	d	d	d	d	d	ANALOG	A10
P2	C	n	n	n	n	n	n	n	n	n	DIGITAL	A9
P3	R	p	p	p	p	p	p	p	p	p	kHz	A8
P4	LFE	r	r	r	r	r	r	r	r	r	MHz	A7
P5	LS	e	e	e	e	e	e	e	e	e	/	A6
P6	S	c	c	c	c	c	c	c	c	c	B1	A5
P7	RS	g	g	g	g	g	g	g	g	g	B2	A4
P8	STEREO	m	m	m	m	m	m	m	m	m	B3	A3
P9	TONE	f	f	f	f	f	f	f	f	f	C3	A2
P10	dts	b	b	b	b	b	b	b	b	b	C2	A1
P11	b #	k	k	k	k	k	k	k	k	k	C1	VOLUME
P12	((#))	j	j	j	j	j	j	j	j	j	BBE	SLEEP
P13	((b))	h	h	h	h	h	h	h	h	h	T-BASS	/
P14	DSP	a	a	a	a	a	a	a	a	a	/	/
P15	96kHz	AUTO	MONO	/	((O))	/	RDS	o(u)	EON	/	OVER LEVEL	SOURCE DIRECT
P16	PRO LOGIC	VF	/	/	/	/	/	o(L)	/	/	/	5.1CH INPUT
P17	DIGITAL	/	/	/	/	/	/	AG	/	/	/	/

# IC BLOCK DIAGRAM

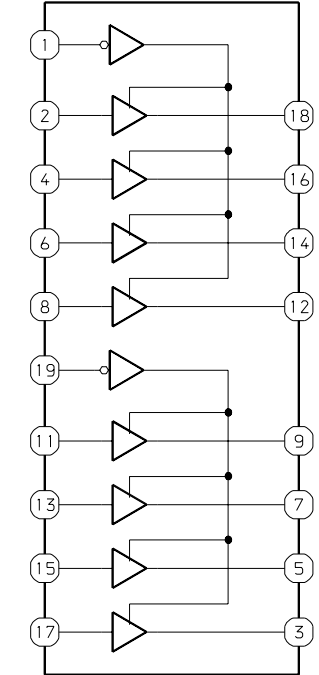
IC, LA1845L



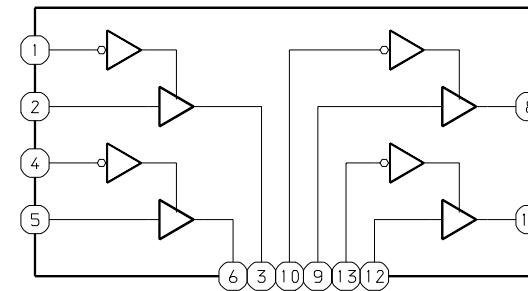
IC, BA7625



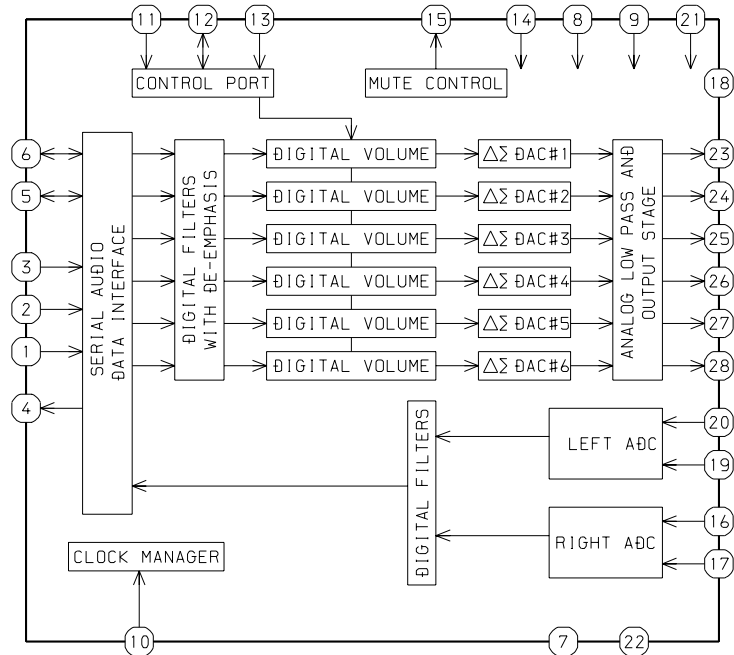
IC, SN74LV244A



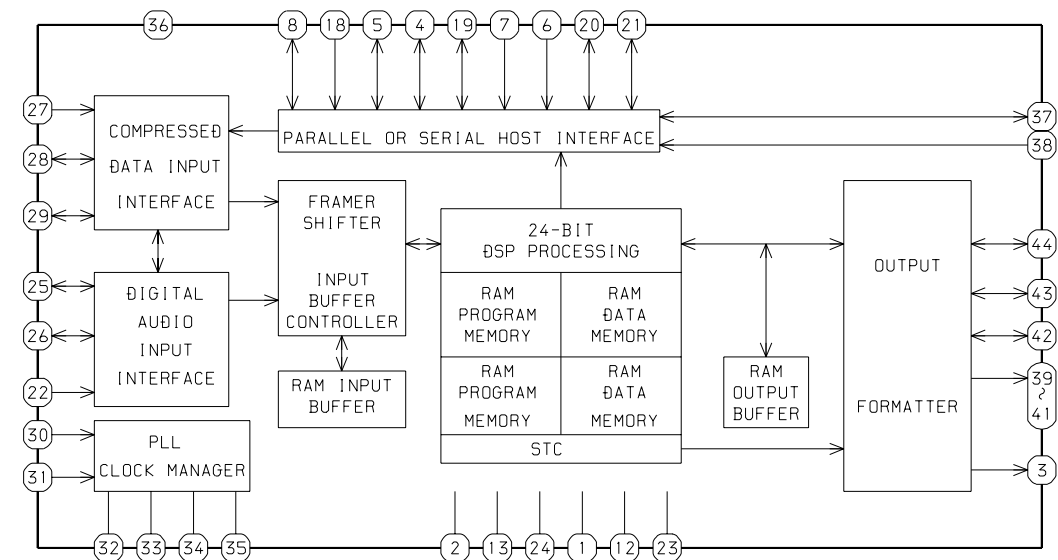
IC, SN74LV125APW



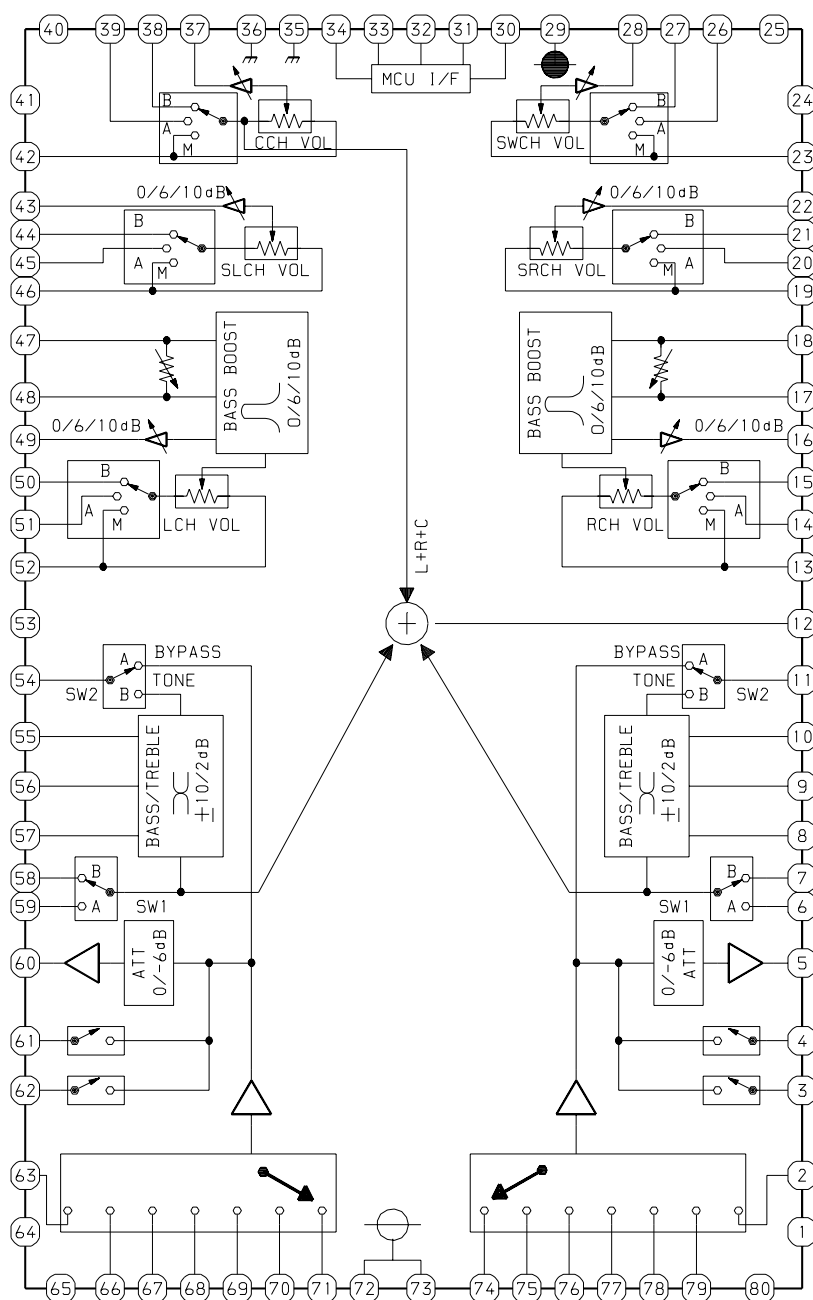
IC, CS4228A



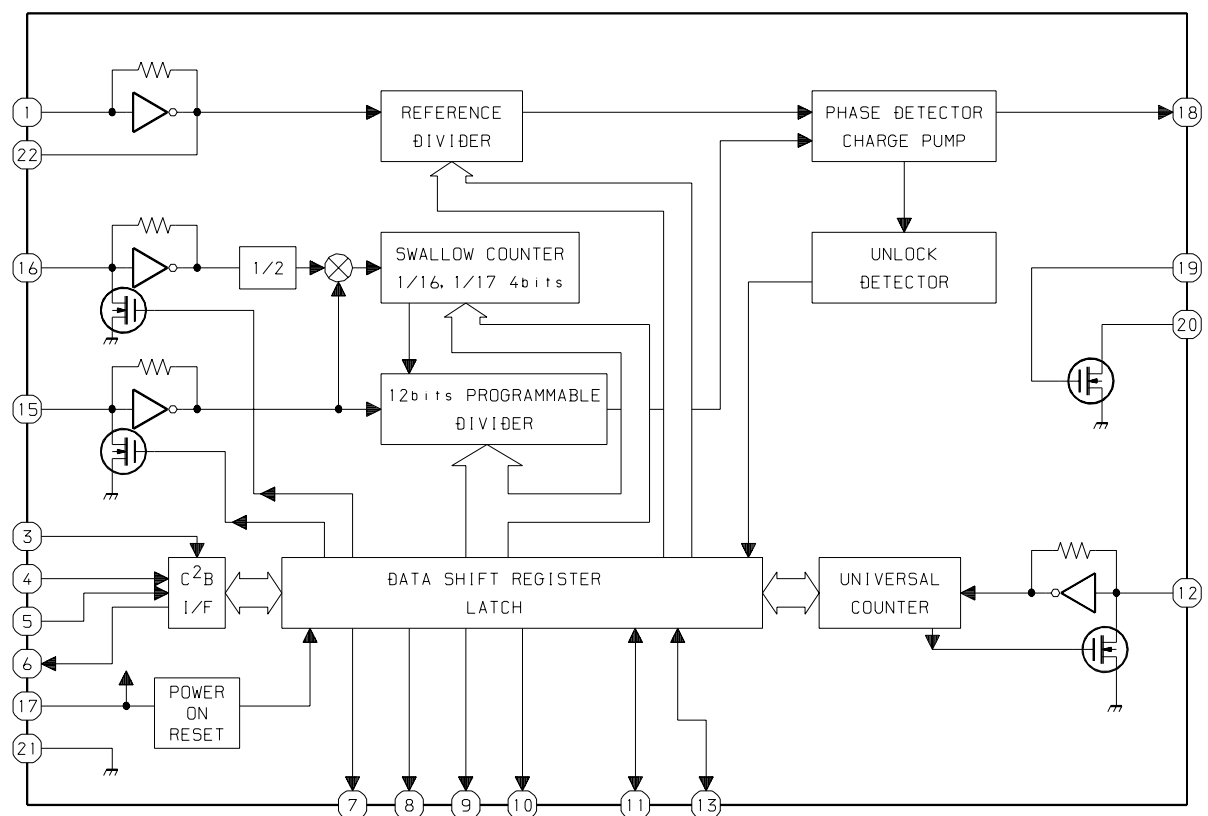
IC, CS49326



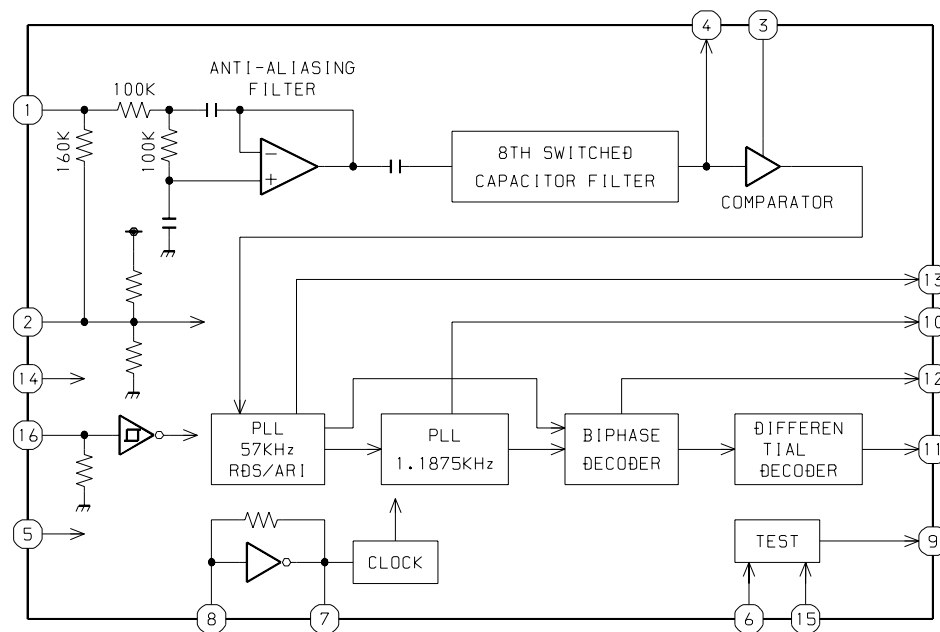
IC, M61501FP



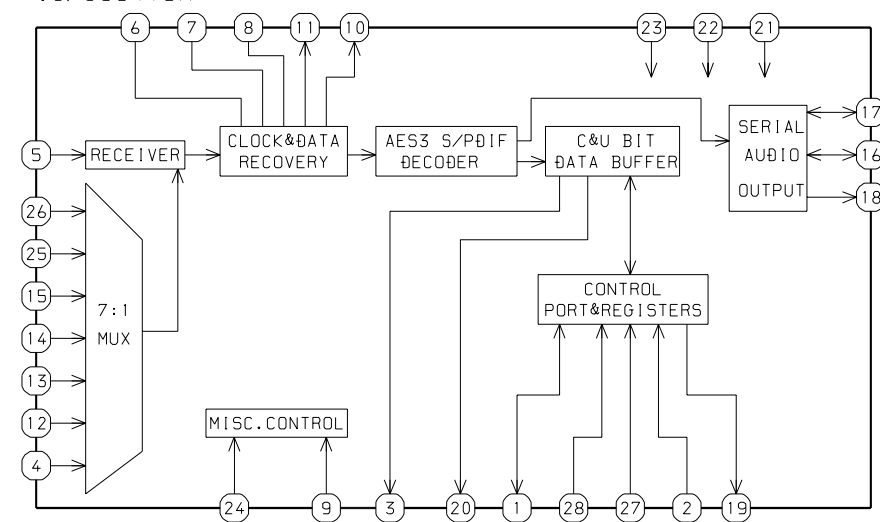
IC, LC72131D-N



IC, BU1920FS



IC, CS8415A



## IC DESCRIPTION

IC, UPD780228GF-084

Pin No.	Pin Name	I/O	Description
1	$\overline{\text{O-K-SCAN}}$	O	Switch scan timing output.
2	TUNER ON	O	Tuner ON/ $\overline{\text{OFF}}$ output.
3	O-DATA(M)	O	Data output for sound.
4	C	-	Connected to a pulled up resistor.
5	O-STB(M)	O	Latch strobe output for sound control.
6	O-MUTE	O	System mute ON/ $\overline{\text{OFF}}$ output..
7	O-CLK (M)	O	Clock output.
8	I-TM-BASE	I	Time-base single input.
9	$\overline{\text{O-POWER}}$	O	System power supply $\overline{\text{ON}}$ / $\overline{\text{OFF}}$ output.
10	O-5VMRESET	O	Reset output for IC, CS8415A.
11	O-5VDSP/RESET	O	Reset output for IC, CS49326.
12	$\overline{\text{I-MIC}}$	-	Connected to a pulled up resistor.
13	O-5VDSP/CSN	O	Chip select output for IC, CS49326.
14	O-5VMOSI	O	Serial control data for IC, CS4228A.
15	O-2VMISO(MISO)/ SUR-MUTE	O	Serial control data output for IC, CS49326.
16	O-5VSCK/C-MUTE	O	Clock serial control output for IC, CS4228A.
17	IC	-	Connected to GND.
18	VSS	-	GND.
19	VDD+5V	-	Power supply input.
20	O-2VINTRQ	O	Control port interrupt request output for IC, CSA9326
21	O-CLK-SW	O	Pre-emphasis output for IC, CS8415A.
22	I-RDS-DATA	I	RDS serial data input.
23	O-5VMISO	O	Serial control data output for IC, CS8415A.
24	A	-	Connected to a pulled up resistor.
25	O-MCU/B	-	Connected to a pulled up resistor.
26	O-8415CSN	O	Chip select output for IC, CS8415A.
27	O-4228CSN	O	Chip select output for IC, CS4228A.
28	I-RDS-CLK	I	RDS clock input.
29	RERR	O	Receiver error output for IC, CS8415A.
30	$\overline{\text{RESET}}$	I	Reset input.
31	O-PLL-CE	O	PLL IC chip enable output for IC, LC72131D-N.
32	O-TAPE-ATT	O	ATT output for function tape.
33	O-STB (MIC)	-	Not used.
34	I-RMC	I	System remote control signal input.
35	O-STB (T92)	-	Connected to a pulled down resistor.
36	C-SHIFT	O	Micon clock shift output.
37	VDD1	-	Power supply input.
38,39	X2,X1	-	4.19 MHz oscillator circuit.
40	VSS1	-	GND.
41	AVDD	-	Power supply input.

Pin No.	Pin Name	I/O	Description
42	$\overline{\text{HOLD}}$	I	Power failure detected input "L" to stop and hold memory.
43	I-RE-VOL	I	Volume rotary encoder signal input (Main vol L & R).
44	RDS-SIG	I	RDS signal level input.
45	I-JOG2	I	Multi jog rotary encoder signal input.
46	I-FU-JOG1	I	Function rotary encoder signal input.
47,48	I-KEY2,1	I	Key input (A/D).
49	$\overline{\text{I-TUNE/IFC}}$	I	Tune-IF count serial data input.
50	AVSS	-	GND.
51,52	BBE1,2	O	BBE boost level control signal output.
53	TAPE-MON	O	Tape monitor control signal output.
54	$\overline{\text{ECO}}$	O	ECO LED $\overline{\text{ON}}$ /OFF output.
55,56	AV-B,A	O	VIDEO - SW control signal output.
57	SW-RELAY	O	Relay switch $\overline{\text{ON}}$ /OFF output.
58	SUB ON/OFF	O	Sub-woofer ON/ $\overline{\text{OFF}}$ output.
59	NC	-	Connected to GND through a resistor.
60	VIDEO1	O	VIDEO1 LED $\overline{\text{ON}}$ /OFF output.
61	VIDEO2	O	VIDEO2 LED $\overline{\text{ON}}$ /OFF output.
62	VIDEO3	O	VIDEO3 LED $\overline{\text{ON}}$ /OFF output.
63	I-HP-MUTE	I	Headphone mute detected input.
64	$\overline{\text{CD}}$	O	CD LED $\overline{\text{ON}}$ /OFF output.
65	$\overline{\text{AUX}}$	O	AUX LED $\overline{\text{ON}}$ /OFF output.
66	$\overline{\text{TAPE-MON}}$	O	TAPE MONITOR LED $\overline{\text{ON}}$ /OFF output.
67	$\overline{\text{TUNER}}$	O	TUNER LED $\overline{\text{ON}}$ /OFF output.
68	$\overline{\text{PHONO}}$	O	PHONO LED $\overline{\text{ON}}$ /OFF output.
69	I-STEREO	I	Tuner stereo detected input.
70~72	P1~P3	O	FL segment P1~P3 output.
73	LW/P4	I/O	LW data input to diode / FL segment P4 output.
74	RDS/P5	I/O	RDS data input to diode / FL segment P5 output.
75	$\overline{\text{BBE}}/P6$	I/O	BBE data input to diode (Not used) / FL segment P6 output.
76	AMST/WIDE/P7	I/O	AM stereo, wide band data input to diode (Not used) / FL segment P7 output.
77	AM10K/P8	I/O	AM10K data input to diode (Not used) / FL segment P8 output.
78	KARAOKE/P9	I/O	KARAOKE data input to diode (Not used) / FL segment P9 output.
79	VDD2	-	Power supply input.
80	-VFL	-	Power supply input for FL display.
81~88	P10~P17	O	FL segment P10~P17 output.
89~100	G12~G1	O	FL grid G12~G1 output.

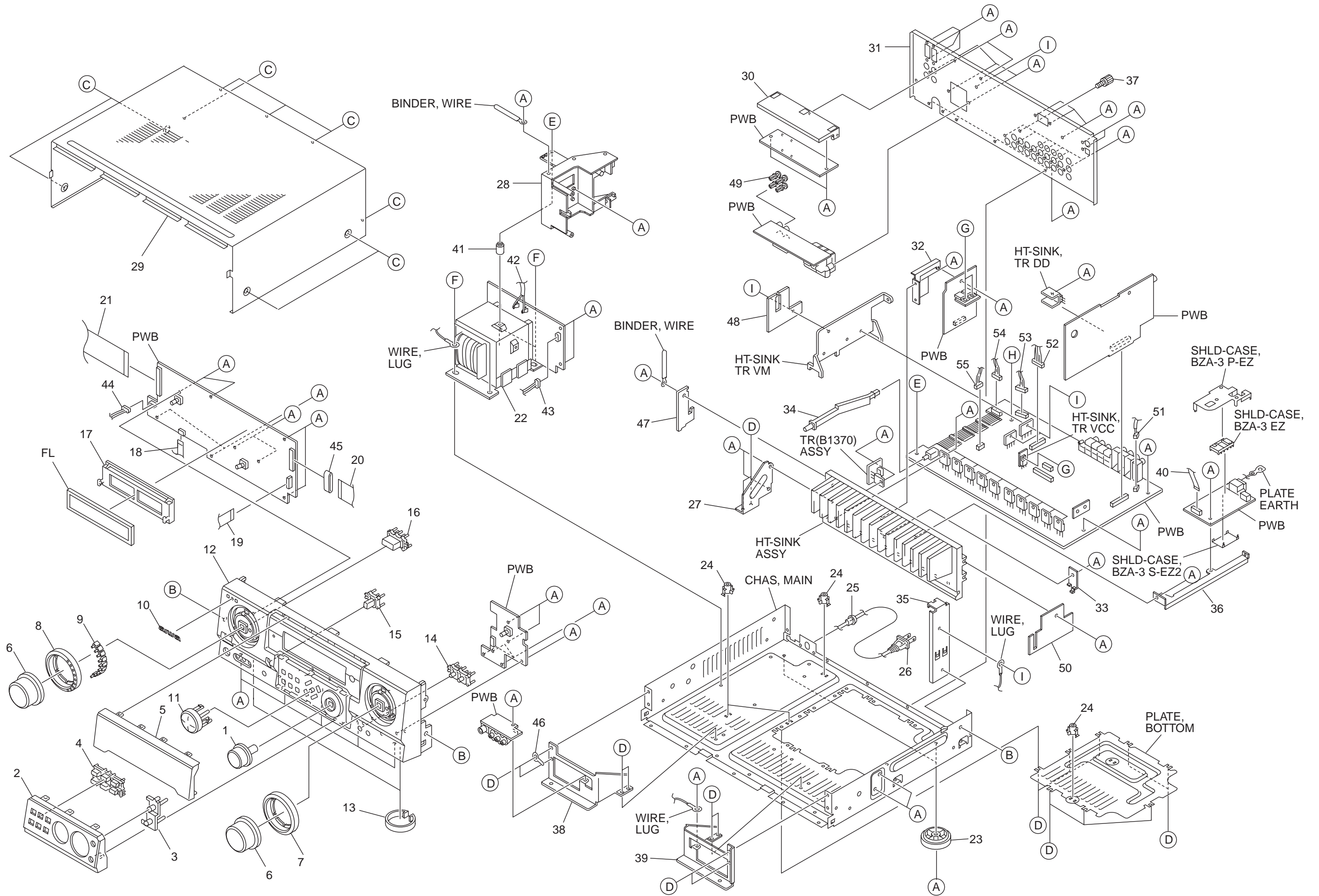
## ADJUSTMENT <TUNER / FRONT>

### < TUNER SECTION >

1. Clock frequency Check  
Settings : • Test point : TP2 (CLK)  
Method : Set to MW 1602kHz and check that the test point is 2052kHz  $\pm$  45Hz.
2. MW VT Check  
Settings : • Test point : TP1 (VT)  
Method : Set to MW 1602kHz and check that the test point is less than 8.0V. Then set to MW 531kHz and check that the test point is more than 0.6V.
3. MW Tracking Adjustment  
Settings : • Test point : TP8(Rch), TP9(Lch)  
• Adjustment location :  
L951(1/3) ..... 999kHz  
Method : Set to MW 999kHz and adjust L951(1/3) so that the test point is maximum.
4. AM IF Adjustment  
Settings : • Test point : TP8(Rch), TP9(Lch)  
• Adjustment location :  
L802 ..... 450kHz
5. FM VT Adjustment  
Settings : • Test point : TP1(VT)  
• Adjustment location : L907  
Method : Set to FM 108.0MHz and adjust L907 so that the test point becomes 7.0V  $\pm$  0.05V. Then set to FM 87.5MHz and check that the test point is more than 0.5V.
6. LW VT Adjustment  
Settings : • Test point : TP1(VT)  
• Adjustment location : L942  
Method : Set to LW 144kHz and adjust L942 so that the test point becomes 1.3V  $\pm$  0.05V. Then set to LW 290kHz and check that the test point is less than 8.0V.
7. FM Tracking Adjustment  
Settings : • Test point : TP8(Rch), TP9(Lch)  
• Adjustment location : L901,902,904,905  
Method : Set to FM 98.0MHz and adjust L901,902,904,905 so that test point is maximum and distortion is minimum.
8. FM Tracking Check  
Settings : • Test point : TP8(Rch), TP9(Lch)  
Method : Set to FM 98.0MHz and check that the test point is less than 13dB $\mu$ V.
9. LW Tracking Adjustment  
Settings : • Test point : TP8(Rch), TP9(Lch)  
• Adjustment location :  
L941 ..... 144kHz  
TC942 ..... 290kHz  
Method : Set up TC942 to center before adjustment. The level at 144kHz is adjusted to maximum by L941. Then the level at 290kHz is adjusted to maximum by TC942.
10. DC Balance / Mono Distortion Adjustment  
Settings : • Test point : TP3, TP4 (DC Balance)  
: TP8(Rch), TP9(Lch) (Distortion)  
• Adjustment location : L801  
• Input level : 60dB $\mu$ V  
Method : Set to FM 98.0MHz and adjust L801 so that the voltage between TP3 and TP4 becomes 0V  $\pm$  0.5V with distortion less than 1.3%.
11. Output Level Check  
<MW>  
Settings : • Test point : TP8(Rch), TP9(Lch)  
• Input level : 74dB $\mu$ V  
Method : Set to MW 999kHz and check that test point is 55mV  $\pm$  3dB.  
  
<FM>  
Settings : • Test point : TP8(Rch), TP9(Lch)  
• Input level : 60dB $\mu$ V  
Method : Set to FM 98.0MHz and check that test point is 270mV  $\pm$  3dB.

### < FRONT SECTION >

1.  $\mu$ -CON OSC Adjustment  
Settings : • Test point : TP1 (O-K-SCAN) and GND  
• Adjustment location : L101  
Method : Insert AC plug while pressing TUNER function key. Adjust L101 so that the frequency at the test point is 78.52Hz  $\pm$  0.08Hz (12.723ms ~ 12.749ms).



# MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCR PTION
1	8B-AR1-065-010		KNOB,RTRY JOG	36	8B-AR3-219-010		HLLDR,PWB TUNER 3
2	8B-AR3-032-010		PANEL,FR EZ	37	87-033-209-010		TERMINAL, EARTH
3	8B-AR1-060-010		KEY,ENTER	38	8B-AR1-208-010		HLLDR,SIDE L
4	8B-AR3-052-010		KEY,T-BASS 3EZ	39	8B-AR1-207-010		HLLDR,SIDE R
5	8B-AR3-001-010		WINDOW,DISP DD RDS	40	88-912-131-110		FF-CABLE,12P 1.25 130MM
6	8A-AR3-045-110		KNOB,RTRY VOL	41	8B-AR1-216-010		HLLDR,P/T H8.0
7	8A-AR3-007-010		RING,VOL	42	8B-AR4-651-010		CONN ASSY,2PAC-OUTLET
8	8A-AR3-047-010		RING,FUN	43	88-805-033-690		CONN ASSY,3P 300
9	8A-AR3-009-010		REFLECTOR,FUN	44	88-805-036-010		CONN ASSY,3P
10	87-CE3-023-010		BADGE,AIWA 30N SILV	45	87-A90-762-010		F-BEAD,3407MFT
11	8B-AR1-055-010		KEY,SOUND	46	87-450-414-010		TERMINAL,LB4 NI
12	8B-AR3-022-010		CABI,FR EZ	47	8B-AR1-618-110		PWB,FFC2 BAR-1
13	8Z-AR1-020-110		RING,FOOT SIL	48	8B-AR1-619-110		PWB,FFC3 BAR-1
14	8A-AR3-024-010		KEY,BAL	49	8B-AR3-218-010		RIVET,NYL 3.4-5.7
15	8A-AR3-020-010		KEY,ECO	50	8B-AR1-617-110		PWB,FFC1 BAR-1
16	8B-AR1-001-010		KEY,POWER	51	8B-AR3-648-110		CONN ASSY,2P-VIDEO3
17	8B-AR1-211-010		GUIDE,FL 150-25	52	8A-AR3-654-010		CONN ASSY,9P VH
18	88-908-101-110		FF-CABLE, 8P 1.25 10MM	53	8B-AR1-660-010		CONN ASSY,6P VH(BAR)
19	88-906-061-110		FF-CABLE,6P 1.25 60MM	54	8B-AR3-665-010		CONN ASSY,4P VH(BAR)
20	88-919-331-110		FF-CABLE,19P 1.25 330MM	55	8Z-NFT-604-110		CONN ASSY,3P SURR
△	21	88-930-441-110	FF-CABLE,30P 1.25 440MM	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
	22	8B-AR3-625-010	PT,E EI85-60 BAR-3	B	87-721-095-410		QT2+3-8GLD W/O SLOT
	23	8B-AR1-003-010	FOOT,RAER BLK	C	87-067-641-010		UTT2+3-8(W/O SLOT)BL
	24	88-AR1-218-010	HLLDR,PWB H8.9	D	87-067-584-010		TAPPING SCREW, BVT2+3-6
	25	87-085-185-010	BUSHING, AC CORD (E)	E	87-067-581-010		TAPPING SCREW, BVT2+3-15
△	26	87-A80-092-010	AC CORD ASSY,E BLK SUN FAI	F	87-078-200-010		S-SCREW,ITC+4-8 R
	27	8B-AR1-206-010	HLLDR,HT-SINK	G	87-067-579-010		TAPPING SCREW, BVT2+3-8
	28	8B-AR1-217-010	HLLDR,SUB P/T	H	87-067-632-010		TAPPING SCREW, BVT2+3-15
	29	8B-AR2-045-110	CABI,STEEL	I	87-067-958-010		BVTT+3-10
	30	8B-AR1-214-110	HLLDR,PWB AC-OUTLET				
	31	8B-AR3-042-110	PANEL,REAR EZBM				
	32	8B-AR1-215-110	HLLDR,PWB F AMP				
	33	8B-AR1-209-010	HLLDR,PWB MAIN				
	34	8B-AR1-006-010	BTN,SP				
	35	8B-AR1-205-110	HLLDR,PWB DD				

## 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



## ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8B-AR3-906-010		IB, EZ (9L) M
2	87-006-226-010		ANT, LOOP AM
3	87-A90-118-010		ANT, WIRE FM (Z)
4	8A-AR2-701-110		RC UNIT, RC-AAR02 BLK

**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