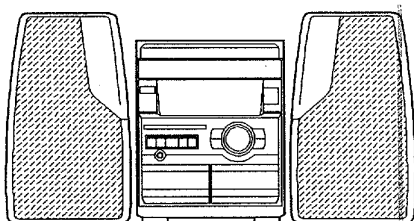


aiwa



NSX-S90



COMPACT DISC STEREO
CASSETTE RECEIVER

- BASIC TAPE MECHANISM: 2ZM-3MK2 PR4NM
- BASIC CD MECHANISM: 4ZG-1 Z2DNM

- TYPE: EZ, K, V

SYSTEM	CD CASSEIVER	SPEAKER	REMOTE CONTROLLER
NSX-S90	CX-NS90	SX-ANS90	RC-7AS08

- If requiring information about the CD mechanism, see Service Manual of 4ZG-1.
(S/M Code No. 09-974-187-50T)
- If requiring information about the Speaker, see Service Manual of SX-ANS90.
(S/M Code No. 09-974-199-4FP)

SPECIFICATIONS

<FM Tuner section> (EZ, K only)

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

<FM Tuner section> (V only)

Tuning range	FM1 (OIRT): 65 MHz to 74 MHz (10 kHz step) FM2 (CCIR): 87.5 MHz to 108 MHz (50 kHz step)
Usable sensitivity (IHF)	FM1: 15.3 dBf FM2: 12.8 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 μ V/m
Antenna	Loop antenna

<LW Tuner section>

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

<Amplifier section>

Power output	Rated: 145 W + 145 W (6 ohms, T.H.D. 1 %, 1 kHz/DIN 45500) Reference: 180 W + 180 W (6 ohms, T.H.D. 10 %, 1 kHz/DIN 45324) EZ, K: DIN MUSIC POWER 400 W + 400 W
---------------------	---

* without connecting to the SURROUND SPEAKERS

Total harmonic distortion	0.05 % (120 W, 1 kHz, 6 ohms, DIN AUDIO)
Inputs	VIDEO/AUX: 210 mV (adjustable) MD: 210 mV (adjustable) MIC 1, MIC 2: 1.4 mV (10 kohms)
Outputs	LINE OUT: 200 mV SUPER WOOFER: 2.9 V SPEAKERS: accept speakers of 6 ohms or more SURROUND SPEAKERS: accept speakers of 16 ohms or more PHONES (stereo jack): accepts headphones of 32 ohms or more

<Cassette deck section>

Track format	4 tracks, 2 channels stereo
Frequency response	CrO2 tape: 50 Hz - 16000 Hz Normal tape: 50 Hz - 15000 Hz
Signal-to-noise ratio	60 dB (Dolby B NR ON, CrO2 tape peak level)
Recording system	AC bias
Heads	Deck 1: Playback head x 1 Deck 2: Recording/playback/erase head x 1

<Compact disc player section>

Laser	Semiconductor laser ($\lambda = 780$ nm)
D-A converter	1 bit dual
Signal-to-noise ratio	90 dB (1 kHz, 0 dB)
Harmonic distortion	0.03% (1 kHz, 0 dB)
Wow and flutter	Unmeasurable

<General>

Power requirements	230 V AC, 50 Hz
Power consumption	EZ, K: 180 W V: 190 W
Dimensions of main unit (W x H x D)	260 x 309 x 370 mm
Weight of main unit	9 kg

<Speaker system SX-ANS90>

Cabinet type	4 way, bass reflex with surround speaker (magnetic shielded type)
Speakers	Woofer: 160 mm cone type Tweeter: 50 mm cone type Super tweeter: 20 mm ceramic type Cardioid speaker: 80 mm cone type Surround speaker: 80 mm Front speaker: 6 ohms Surround speaker: 16 ohms
Impedance	87 dB/W/m
Output sound pressure level	250 x 390 x 302 mm
Dimensions (W x H x D)	5.0 kg
Weight	

- Design and specifications are subject to change without notice.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.
- The word "BBE" and the "BBE symbol" are trademarks of BBE Sound, Inc.
Under license from BBE Sound, Inc.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvisning, kan användaren utsättas för osynlig laserstråling, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

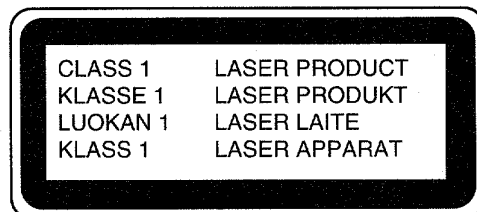
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT label is located on the rear exterior.

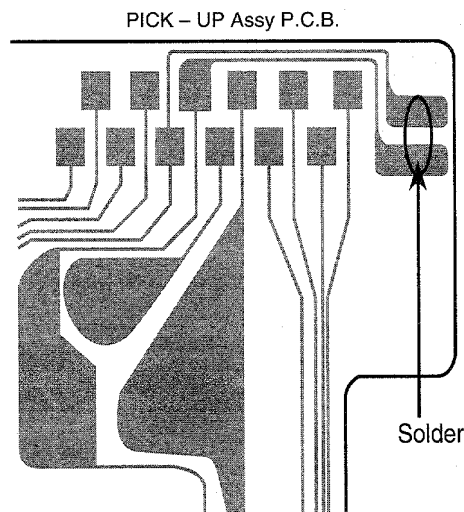


Precaution to replace Optical block

(KSS-213B)

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

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



ELECTRICAL MAIN PARTS LIST

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

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C107	87-012-368-080		C-CAP,S 0.1-50 ZF
	87-020-454-010	IC, DN6851		C108	87-012-368-080		C-CAP,S 0.1-50 ZF
	87-NF4-642-010	IC, LC866548V-5E54		C109	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
	87-070-083-010	IC, GP1U281X		C110	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
	87-070-289-040	C-IC, BU2092F		C111	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
	87-A20-455-010	IC, HA12211		C112	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
	87-A20-355-010	IC, CXA1553P		C113	87-010-247-080		CAP,E 100-50 M SME
	87-A20-083-010	IC, BA3835S		C114	87-010-385-080		CAP,E 220-25 M SME
	87-A20-450-040	C-IC, BH3864F		C115	87-010-385-080		CAP,E 220-25 M SME
	87-A20-056-010	IC, BA3880S		C116	87-010-247-080		CAP,E 100-50 M SME
	87-A20-613-040	C-IC, BU9262AFS		C117	87-010-430-080		CAP,E 100-63
	87-A20-440-040	C-IC, BU1920FS<EZ>		C118	87-010-263-080		CAP,E 100-10 SME
	87-A20-456-040	C-IC, BH3810FS		C119	87-010-260-080		CAP,E 47-25 SME
	87-017-888-080	C-IC, NJM4558MD		C120	87-010-403-080		CAP,E 3.3-50 M SME
	86-NFZ-655-010	IC, LC72131D(Z)		C121	87-012-140-080		C-CAP,S 470P-50 J CH
	87-A20-438-010	IC, LA1837		C123	87-010-247-080		CAP,E 100-50 M SME
TRANSISTOR				C124	87-010-112-080		CAP,E 100-16 M SME
	87-026-463-080	TR, 2A933S		C125	87-010-235-080		CAP,E 470-16 SME
	87-026-263-080	C-TR, RN1410		C126	87-012-368-080		C-CAP,S 0.1-50 ZF<EZ, K>
	89-213-702-010	TR, 2SB1370E		C127	87-012-368-080		C-CAP,S 0.1-50 ZF<EZ, K>
	87-A30-076-080	C-TR, 2SC3052F		C129	87-010-393-080		CAP,E 100-35 M SME
	87-A30-075-080	C-TR, 2SA1235F		C199	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
	87-026-610-080	TR, KTC3198GR		C201	87-010-400-080		CAP,E 0.47-50 M SME
	87-A30-073-080	C-TR, RT1N 141C		C202	87-010-400-080		CAP,E 0.47-50 M SME
	87-A30-085-070	C-TR, CSA1362GR		C205	87-010-184-080		C-CAP,S 3300P-50 KB
	87-A30-083-080	TR, CSD1489B		C206	87-010-184-080		C-CAP,S 3300P-50 KB
	87-A30-084-080	TR, CSB1058B		C207	87-010-404-080		CAP,E 4.7-50 M SME
	87-A30-071-080	C-TR, RT1N 144C		C208	87-010-404-080		CAP,E 4.7-50 M SME
	87-026-211-080	C-TR, DTA144EK		C209	87-010-404-080		CAP,E 4.7-50 M SME
	87-026-609-080	TR, KTA1266GR		C210	87-010-404-080		CAP,E 4.7-50 M SME
	87-A30-086-070	C-TR, CSD1306E		C211	87-010-186-080		C-CAP,S 4700P-50 KB
	87-A30-106-070	C-TR, CMBT5551		C212	87-010-186-080		C-CAP,S 4700P-50 KB
	87-A30-111-080	TR, C2N5401		C213	87-010-260-080		CAP,E 47-25 SME
	87-A30-097-010	TR, FN1016		C214	87-010-260-080		CAP,E 47-25 SME
	87-A30-098-010	TR, FP1016		C215	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
	87-A30-089-010	FET, 2SK2723		C219	87-012-368-080		C-CAP,S 0.1-50 ZF
	87-A30-072-080	C-TR, RT1P 144C		C220	87-012-368-080		C-CAP,S 0.1-50 ZF
	87-A30-087-080	C-FET, 2SK2158		C221	87-012-368-080		C-CAP,S 0.1-50 ZF
	87-A30-074-080	C-TR, RT1P 141C		C222	87-012-368-080		C-CAP,S 0.1-50 ZF
	89-327-143-080	C-TR, 2SC2714(O)		C225	87-A10-516-080		C-CAP,S 100P-200 JC
	89-505-434-540	C-FET, 2SK543-TB (4/5)		C226	87-A10-516-080		C-CAP,S 100P-200 JC
DIODE				C227	87-012-368-080		C-CAP,S 0.1-50 ZF
	87-A40-246-080	DIODE, 1N4148T-72		C228	87-018-131-080		C-CAP,S 1000P-50 KB<EZ, K>
	87-017-654-060	DIODE, GBU6JL6131		C229	87-016-461-080		C-CAP,S 0.47-16 ZF
	87-017-437-080	DIODE, 1N4148M		C230	87-016-461-080		C-CAP,S 0.47-16 ZF
	87-A40-269-080	C-DIODE, MC2836		C231	87-010-176-080		C-CAP,S 680P-50 J SL
	87-A40-270-080	C-DIODE, MC2838		C232	87-010-176-080		C-CAP,S 680P-50 J SL
	87-070-274-080	DIODE, 1N4003 SEM		C233	87-010-318-080		C-CAP,S 47P-50 J CH<EZ, K>
	87-A40-205-080	ZENER, UZ6.2BSC		C234	87-010-318-080		C-CAP,S 47P-50 J CH<EZ, K>
	87-A40-211-080	ZENER, UZ36BSA		C235	87-010-213-080		C-CAP,S 0.015-50 ZF<EZ, K>
	87-A40-206-080	ZENER, UZ10BSC		C236	87-010-213-080		C-CAP,S 0.015-50 ZF<EZ, K>
	87-A40-004-080	ZENER, MTZJ16A		C237	87-010-197-080		C-CAP,S 0.01-25 KB<EZ, K>
	87-A40-274-010	DIODE, FMB-G16L		C238	87-010-197-080		C-CAP,S 0.01-25 KB<EZ, K>
	87-A40-202-080	ZENER, UZ5.1BSB		C239	87-010-318-080		C-CAP,S 47P-50 J CH
	87-017-481-080	ZENER, UZ5.6BSB		C240	87-010-318-080		C-CAP,S 47P-50 J CH
	87-A40-192-080	ZENER, UZ4.3BSA		C242	87-010-406-080		CAP,E 22-50 M SME
	87-A40-239-080	ZENER, UZ5.6BSA		C243	87-010-197-080		C-CAP,S 0.01-25 KB
MAIN C.B				C244	87-010-406-080		CAP,E 22-50 M SME
C101	87-A10-231-090	CAP,E 3300-80		C301	87-010-318-080		C-CAP,S 47P-50 J CH
C102	87-A10-231-090	CAP,E 3300-80		C302	87-010-318-080		C-CAP,S 47P-50 J CH
C103	87-016-658-090	CAP,E 4700-35 M SMG		C303	87-012-157-080		C-CAP,S 330P-50 J CH GRM
C104	87-016-658-090	CAP,E 4700-35 M SMG		C304	87-012-157-080		C-CAP,S 330P-50 J CH GRM
C105	87-012-368-080	C-CAP,S 0.1-50 ZF		C305	87-012-145-080		C-CAP,S 270P-50 J CH
				C306	87-012-145-080		C-CAP,S 270P-50 J CH
C106	87-012-368-080	C-CAP,S 0.1-50 ZF		C307	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
				C311	87-010-198-080		C-CAP,S 0.022-25 KB
				C312	87-010-198-080		C-CAP,S 0.022-25 KB
				C313	87-010-180-080		C-CAP,S 1500P-50 KB
				C314	87-010-180-080		C-CAP,S 1500P-50 KB
				C315	87-010-178-080		C-CAP,S 1000P-50 KB

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C316	87-010-178-080		C-CAP,S 1000P-50 KB	C613	87-010-404-080		CAP,E 4.7-50 M SME
C317	87-012-142-080		C-CAP,S 0.33-16 ZF	C614	87-010-404-080		CAP,E 4.7-50 M SME
C318	87-012-142-080		C-CAP,S 0.33-16 ZF	C615	87-010-183-080		C-CAP,S 2700P-50 KB
C319	87-012-141-080		C-CAP,S 0.22-16 ZF	C619	87-010-263-080		CAP,E 100-10 SME
C320	87-012-141-080		C-CAP,S 0.22-16 ZF	C620	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C321	87-012-141-080		C-CAP,S 0.22-16 ZF	C621	87-010-263-080		CAP,E 100-10 SME
C322	87-012-141-080		C-CAP,S 0.22-16 ZF	C622	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C324	87-010-260-080		CAP,E 47-25 SME	C623	87-010-194-080		C-CAP,S 0.047-25 ZF
C325	87-010-370-080		CAP,E 330-6.3 M SME	C629	87-012-368-080		C-CAP,S 0.1-50 ZF
C327	87-010-404-080		CAP,E 4.7-50 M SME	C630	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C328	87-010-404-080		CAP,E 4.7-50 M SME	C631	87-015-785-080		C-CAP,0.1-25 ZF
C332	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C632	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C335	87-010-401-080		CAP,E 1-50 M SME	C633	87-010-197-080		C-CAP,S 0.01-25 KB
C336	87-010-401-080		CAP,E 1-50 M SME	C636	87-010-322-080		C-CAP,S 100P-50 J CH
C337	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C637	87-010-322-080		C-CAP,S 100P-50 J CH
C339	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C639	87-010-316-080		C-CAP,S 33P-50 J CH
C340	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C640	87-010-316-080		C-CAP,S 33P-50 J CH
C351	87-012-140-080		C-CAP,S 470P-50 J CH	C646	87-010-322-080		C-CAP,S 100P-50 J CH
C352	87-012-140-080		C-CAP,S 470P-50 J CH	C647	87-010-322-080		C-CAP,S 100P-50 J CH
C354	87-010-175-080		C-CAP,S 560P-50 J SL	C701	87-010-381-080		CAP,E 330-16 SME
C355	87-010-178-080		C-CAP,S 1000P-50 KB	C702	87-010-404-080		CAP,E 4.7-50 M SME
C356	87-010-260-080		CAP,E 47-25 SME	C703	87-010-197-080		C-CAP,S 0.01-25 KB
C357	87-010-197-080		C-CAP,S 0.01-25 KB	C704	87-010-197-080		C-CAP,S 0.01-25 KB
C358	87-010-183-080		C-CAP,S 2700P-50 KB	C711	87-010-263-080		CAP,E 100-10 SME
C359	87-010-183-080		C-CAP,S 2700P-50 KB	C712	87-010-196-080		CAP,E 0.1-25 ZF C2012
C360	87-010-183-080		C-CAP,S 2700P-50 KB	C713	87-010-197-080		C-CAP,S 0.01-25 KB
C370	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C714	87-010-197-080		C-CAP,S 0.01-25 KB
C371	87-010-179-080		C-CAP,S 1200P-50 KB	C715	87-010-322-080		C-CAP,S 100P-50 J CH
C372	87-010-179-080		C-CAP,S 1200P-50 KB	C721	87-010-312-080		C-CAP,S 15P-50 J CH
C373	87-010-179-080		C-CAP,S 1200P-50 KB	C722	87-010-312-080		C-CAP,S 15P-50 J CH
C374	87-010-179-080		C-CAP,S 1200P-50 KB	C723	87-010-178-080		C-CAP,S 1000P-50 KB
C375	87-010-545-080		CAP,E 0.22-50 M SME	C725	87-010-178-080		C-CAP,S 1000P-50 KB
C376	87-010-545-080		CAP,E 0.22-50 M SME	C727	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C378	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C728	87-010-248-080		CAP,E 220-10 SME
C381	87-010-197-080		C-CAP,S 0.01-25 KB	C755	87-010-197-080		C-CAP,S 0.01-25 KB
C382	87-010-318-080		C-CAP,S 47P-50 J CH	C756	87-010-197-080		C-CAP,S 0.01-25 KB
C383	87-010-197-080		C-CAP,S 0.01-25 KB	C757	87-010-318-080		C-CAP,S 47P-50 J CH
C384	87-010-402-080		CAP,E 2.2-50 M SME	C758	87-010-149-080		C-CAP,S 5P-50 CH
C385	87-010-184-080		C-CAP,S 3300P-50 KB	C761	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C386	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C762	87-010-197-080		C-CAP,S 0.01-25 KB
C388	87-010-154-080		C-CAP,S 10P-50 J CH	C763	87-010-194-080		C-CAP,S 0.047-25 ZF
C401	87-010-187-080		C-CAP,S 5600P-50 KB	C765	87-010-197-080		C-CAP,S 0.01-25 KB
C402	87-010-187-080		C-CAP,S 5600P-50 KB	C766	87-010-197-080		C-CAP,S 0.01-25 KB
C403	87-010-405-080		CAP,E 10-50 M SME	C767	87-010-405-080		CAP,E 10-50 M SME
C404	87-010-405-080		CAP,E 10-50 M SME	C768	87-010-197-080		C-CAP,S 0.01-25 KB
C405	87-010-260-080		CAP,E 47-25 SME	C769	87-010-408-080		CAP,E 47-50 SME
C406	87-010-101-080		CAP,E 220-16 SME	C770	87-015-821-080		C-CAP,0.047-50 ZF GR
C407	87-010-188-080		C-CAP,S 6800P-50 KB	C771	87-010-407-080		CAP,E 33-50 SME
C408	87-010-188-080		C-CAP,S 6800P-50 KB	C772	87-010-194-080		C-CAP,S 0.047-25 ZF
C409	87-012-140-080		C-CAP,S 470P-50 J CH	C773	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C410	87-012-140-080		C-CAP,S 470P-50 J CH	C774	87-010-263-080		CAP,E 100-10 SME
C411	87-010-197-080		C-CAP,S 0.01-25 KB	C775	87-010-404-080		CAP,E 4.7-50 M SME
C412	87-010-197-080		C-CAP,S 0.01-25 KB	C776	87-010-197-080		C-CAP,S 0.01-25 KB
C413	87-010-195-080		C-CAP,S 0.068-25 ZF C2012	C777	87-010-400-080		CAP,E 0.47-50 M SME
C414	87-010-195-080		C-CAP,S 0.068-25 ZF C2012	C778	87-010-401-080		CAP,E 1-50 M SME
C415	87-010-404-080		CAP,E 4.7-50 M SME	C779	87-010-401-080		CAP,E 1-50 M SME
C416	87-010-404-080		CAP,E 4.7-50 M SME	C780	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C417	87-010-404-080		CAP,E 4.7-50 M SME	C781	87-010-405-080		CAP,E 10-50 M SME
C418	87-010-404-080		CAP,E 4.7-50 M SME	C782	87-010-405-080		CAP,E 10-50 M SME
C420	87-010-197-080		C-CAP,S 0.01-25 KB	C783	87-015-819-080		C-CAP,0.01-50 K B
C421	87-010-401-080		CAP,E 1-50 M SME	C784	87-010-197-080		C-CAP,S 0.01-25 KB
C422	87-010-401-080		CAP,E 1-50 M SME	C785	87-010-400-080		CAP,E 0.47-50 M SME
C516	87-010-196-080		C-CAP,S 0.1-25 ZF	C786	87-010-400-080		CAP,E 0.47-50 M SME
C601	87-010-322-080		C-CAP,S 100P-50 J CH	C787	87-010-184-080		C-CAP,S 3300P-50 KB
C602	87-010-322-080		C-CAP,S 100P-50 J CH	C788	87-010-184-080		C-CAP,S 3300P-50 KB
C605	87-010-180-080		C-CAP,S 1500P-50 KB	C789	87-010-179-080		C-CAP,S 1200P-50 KB
C606	87-010-180-080		C-CAP,S 1500P-50 KB	C790	87-010-179-080		C-CAP,S 1200P-50 KB
C609	87-010-322-080		C-CAP,S 100P-50 J CH	C791	87-010-405-080		CAP,E 10-50 M SME
C610	87-010-322-080		C-CAP,S 100P-50 J CH	C793	87-012-156-080		C-CAP,S 220P-50 J CH<EZ>
C611	87-016-081-080		C-CAP,S 0.1-16 KR	C793	87-010-178-080		C-CAP,S 1000P-50 KB<K,V>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C794	87-010-406-080		CAP,E 22-50 M SME	SFR303	87-024-435-080		SFR,33K H RH063MC
C795	87-010-596-080		C-CAP,S 0.047-16 KR	SFR304	87-024-435-080		SFR,33K H RH063MC
C796	87-010-403-080		CAP,E 3.3-50 M SME	SFR305	87-024-436-080		SFR,47K H RH063MC
C797	87-010-180-080		C-CAP,S 1500P-50 KB	SFR306	87-024-436-080		SFR,47K H RH063MC
C798	87-010-180-080		C-CAP,S 1500P-50 KB	SFR351	87-024-436-080		SFR,47K H RH063MC
C799	87-010-194-080		C-CAP,S 0.047-25 ZF	SFR352	87-024-436-080		SFR,47K H RH063MC
C812	87-010-197-080		C-CAP,S 0.01-25 KB	TC942	87-011-221-080		TRIMMER,CER 30P 6.15X5.9VCT51
C814	87-010-197-080		C-CAP,S 0.01-25 KB	TH201	87-A90-221-080		C-THMS,100K
C820	87-010-408-080		CAP,E 47-50 SME	TH202	87-A90-221-080		C-THMS,100K
C821	87-010-197-080		C-CAP,S 0.01-25 KB	W1	85-NF5-628-010		F-CABLE,7P-2.5
C822	87-010-197-080		C-CAP,S 0.01-25 KB	X721	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309
C823	87-010-197-080		C-CAP,S 0.01-25 KB	X850	89-KT1-608-010		XTAL,4.332MHZ<EZ>
C828	87-010-196-080		C-CAP,S 0.1-25 ZF C2012				
C829	87-010-196-080		C-CAP,S 0.1-25 ZF C2012				
C859	87-010-197-080		C-CAP,S 0.01-25 KB<EZ>				
				FRONT C.B			
C861	87-012-156-080		C-CAP,S 220P-50 J CH<EZ>	C101	87-010-198-080		C-CAP,S 0.022-25 KB
C862	87-012-156-080		C-CAP,S 220P-50 J CH<EZ>	C102	87-010-198-080		C-CAP,S 0.022-25 KB
C863	87-012-140-080		C-CAP,S 470P-50 J CH<EZ>	C103	87-010-197-080		C-CAP,S 0.01-25 KB
C864	87-010-405-080		CAP,E 10-50 M SME<EZ>	C104	87-010-312-080		C-CAP,S 15P-50 J CH
C865	87-010-196-080		C-CAP,S 0.1-25 ZF C2012<EZ>	C105	87-010-316-080		C-CAP,S 33P-50 J CH
C866	87-010-405-080		CAP,E 10-50 M SME<EZ>	C106	87-010-320-080		C-CAP,S 68P-50 J CH
C867	87-010-197-080		C-CAP,S 0.01-25 KB<EZ>	C107	87-012-157-080		C-CAP,S 330P-50 J CH GRM
C868	87-010-316-080		C-CAP,S 33P-50 J CH<EZ>	C108	87-010-405-040		CAP,E 10-50 M SME
C869	87-010-314-080		C-CAP,S 22P-50 J CH<EZ>	C109	87-010-494-040		CAP,E 1-50 5L SRE
C940	87-010-197-080		C-CAP,S 0.01-25 KB	C110	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C942	87-010-151-080		C-CAP,S 7P-50 D CH	C111	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C947	87-010-197-080		C-CAP,S 0.01-25 KB	C112	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C949	87-014-049-080		CAP,PP 470P-100 J	C113	87-A10-189-040		CAP,E 220-10 M
C952	87-010-197-080		C-CAP,S 0.01-25 KB	C114	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
C957	87-010-311-080		C-CAP,S 12P-50 J CH	C115	87-010-178-080		C-CAP,S 1000P-50 KB
C958	87-010-197-080		C-CAP,S 0.01-25 KB	C116	87-010-494-040		CAP,E 1-50 5L SRE
C959	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C117	87-010-555-040		CAP,E 100-10 5L SRE
C960	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	C118	87-010-194-080		C-CAP,S 0.047-25 ZF
C962	87-010-401-080		CAP,E 1-50 M SME	C119	87-010-408-040		CAP,E 47-50 M SME
CF801	87-008-423-010		FLTR,IF SFE10.7MS3G-A	C120	87-010-404-040		CAP,E 4.7-50 SME
CF802	82-785-747-010		CF,MS2 GHY R	C121	87-010-404-040		CAP,E 4.7-50 SME
FB301	87-008-372-080		FLTR,EMIBL01 RNI	C122	87-010-194-080		C-CAP,S 0.047-25 ZF
FC602	88-906-241-110		FF-CABLE,6P 1.25	C123	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
FFE801	A8-62A-195-030		62A-1 YFEENM<EZ,K>	C124	87-018-209-080		CAP,TC U 0.1-50 ZF UP050
FFE801	A8-62A-193-030		62A-1 FEVNM<V>	C125	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
J252	87-A60-024-010		JACK,DIA6.3 BLK ST W/SW KM	C127	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
J253	87-099-474-010		JACK,PIN 3P BLK W/SW	C130	87-010-178-080		C-CAP,S 1000P-50 KB
J254	87-A60-238-010		TERMINAL,SP 4P(MSC)	C201	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
J601	87-A60-426-010		JACK,PIN 6P YKC21-3835	C351	87-012-158-080		C-CAP,S 390P-50 J CH GRM
J801	87-A60-427-010		TERMINAL,ANT PAL 2P YKD31<EZ,K>	C352	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
J801	87-A60-202-010		TERMINAL,ANT 4P MSP-154V-02<V>	C353	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
L201	87-003-383-010		COIL,1UH K	C354	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
L202	87-003-383-010		COIL,1UH K	C355	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
L301	87-A50-049-010		COIL,TRAP 85K(COI)	C356	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
L302	87-A50-049-010		COIL,TRAP 85K(COI)	C357	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
L351	87-007-342-010		COIL,OSC 85KHZ BIAS	C403	87-010-992-080		C-CAP,S 0.047-25 KB MK212
L601	87-003-231-080		C-COIL,2125 1UH K ML	C404	87-010-992-080		C-CAP,S 0.047-25 KB MK212
L770	87-005-849-080		COIL,10UH K CECS	C405	87-010-401-040		CAP,E 1-50 M SME
L771	87-A50-165-010		COIL,FM DET-N(TOK)	C406	87-010-494-040		CAP,E 1-50 5L SRE
L772	87-A90-245-010		FLTR,CPAZH-450 (TOK)	C407	87-010-184-080		C-CAP,S 3300P-50 KB
L791	87-A50-027-010		COIL,1 POLE MPX(TOK)	C408	87-010-184-080		C-CAP,S 3300P-50 KB
L792	87-A50-027-010		COIL,1 POLE MPX(TOK)	C409	87-010-592-080		C-CAP,S 0.022-16 KR GRM
L832	87-005-847-080		COIL,2.2UH K CECS	C410	87-010-592-080		C-CAP,S 0.022-16 KR GRM
L850	87-005-847-080		COIL,2.2UH K CECS<EZ>	C411	87-A10-201-080		C-CAP,S 0.33-16 KB
L941	87-A50-020-010		COIL,ANT LW(COI)252KHZ	C412	87-A10-201-080		C-CAP,S 0.33-16 KB
L942	87-A50-019-010		COIL,OSC LW(COI)856KHZ	C413	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
L981	86-NF4-668-010		COIL,AM PACK 2(TOM)	C414	87-010-374-040		CAP,E 47-10 SME
PR201	87-026-682-080		PROTECTOR,10A 491SERIES 60V	C415	87-010-374-040		CAP,E 47-10 SME
PR202	87-026-682-080		PROTECTOR,10A 491SERIES 60V	C416	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
R231	87-A00-262-080		RES,M/F 0.15-2W J	C417	87-016-081-080		C-CAP,S 0.1-16 KR
R232	87-A00-262-080		RES,M/F 0.15-2W J	C418	87-010-405-040		CAP,E 10-50 M SME
RY101	87-045-389-010		RELAY,12V OSA-SS-212DM5	C501	87-010-319-080		C-CAP,S 56P-50 J CH
RY201	87-045-382-010		RELAY,12V OUAZ-SH-112L	C502	87-010-319-080		C-CAP,S 56P-50 J CH
SFR301	87-024-435-080		SFR,33K H RH063MC	C503	87-012-393-080		C-CAP,S 0.22-16 K W5R CM/CB
SFR302	87-024-435-080		SFR,33K H RH063MC	C504	87-010-197-080		C-CAP,S 0.01-25 KB

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C505	87-010-180-080		C-CAP,S 1500P-50 KB	S316	87-A90-095-080		SW,TACT EVQ11G04M
C506	87-010-213-080		C-CAP,S 0.015-25 KB	S317	87-A90-095-080		SW,TACT EVQ11G04M
C507	87-010-213-080		C-CAP,S 0.015-25 KB	S318	87-A90-095-080		SW,TACT EVQ11G04M
C508	87-010-197-080		C-CAP,S 0.01-25 KB	S319	87-A90-095-080		SW,TACT EVQ11G04M
C509	87-010-181-080		C-CAP,S 1800P-50 KB	S320	87-A90-095-080		SW,TACT EVQ11G04M
C510	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	S322	87-A90-095-080		SW,TACT EVQ11G04M
C511	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	S326	87-A90-095-080		SW,TACT EVQ11G04M
C512	87-010-374-040		CAP,E 47-10 SME	S327	87-A90-095-080		SW,TACT EVQ11G04M
C513	87-010-401-040		CAP,E 1-50 M SME	S328	87-A90-095-080		SW,TACT EVQ11G04M
C514	87-010-401-040		CAP,E 1-50 M SME	S329	87-A90-095-080		SW,TACT EVQ11G04M
C515	87-010-183-080		C-CAP,S 2700P-50 KB	S330	87-A90-095-080		SW,TACT EVQ11G04M
C516	87-010-183-080		C-CAP,S 2700P-50 KB	S331	87-A90-095-080		SW,TACT EVQ11G04M
C518	87-010-196-080		C-CAP,S 0.1-25 ZF C2012	S332	87-A90-095-080		SW,TACT EVQ11G04M
C519	87-010-264-010		CAP,E 100-10 M 5L SR	S337	87-A90-095-080		SW,TACT EVQ11G04M<EZ>
C533	87-010-545-040		CAP,E 0.22-50 M SME	S339	87-A90-095-080		SW,TACT EVQ11G04M<EZ>
C601	87-010-405-040		CAP,E 10-50 M SME	S340	87-A90-095-080		SW,TACT EVQ11G04M<EZ>
C602	87-010-186-080		C-CAP,S 4700P-50 KB	S341	87-A90-095-080		SW,TACT EVQ11G04M
C603	87-010-405-040		CAP,E 10-50 M SME	SW101	87-A90-471-010		SW,RTRY BC16B24304-25 NON
C604	87-010-382-040		CAP,E 22-25 SME	X101	87-A70-070-080		VIB,CER 5.76MHZ CRHF
C605	87-010-196-080		C-CAP,S 0.1-25 ZF C2012				
C607	87-010-321-080		C-CAP,S 82P-50 J CH	KEY C.B			
C608	87-010-196-080		C-CAP,S 0.1-25 ZF C2012				
C609	87-010-545-040		CAP,E 0.22-50 M SME	LED230	87-A40-317-080		LED,SLR-342VCT31 RED
C611	87-010-177-080		C-CAP,S 820P-50 J SL	LED231	87-A40-317-080		LED,SLR-342VCT31 RED
C614	87-010-248-040		CAP,E 220-10 M SME	LED232	87-A40-317-080		LED,SLR-342VCT31 RED
FB601	87-008-372-080		FLTR,EMIBL01 RN1	S309	87-A90-095-080		SW,TACT EVQ11G04M
FC102	85-NF5-618-010		CABLE,FFC 13P-1.25	S310	87-A90-095-080		SW,TACT EVQ11G04M
FC104	85-NF5-615-010		CABLE,FFC 15P-1.25	S311	87-A90-095-080		SW,TACT EVQ11G04M
FC301	85-NF5-617-010		CABLE,FFC 6P-1.25	S312	87-A90-095-080		SW,TACT EVQ11G04M
FL101	87-NF4-640-010		FL,BJ529GK	S313	87-A90-095-080		SW,TACT EVQ11G04M
J601	82-NF7-630-010		JACK,3.5MO				
J602	82-NF7-630-010		JACK,3.5MO	FAN C.B			
L501	87-005-448-080		COIL,220UH K FLR50				
LED201	87-A40-317-080		LED,SLR-342VCT31 RED	C130	87-010-401-080		CAP,E 1-50 M SME
LED202	87-A40-317-080		LED,SLR-342VCT31 RED	C131	87-010-263-080		CAP,E 100-10 SME
LED203	87-A40-317-080		LED,SLR-342VCT31 RED	C132	87-010-380-080		CAP,E 47-16 M SME
LED204	87-A40-317-080		LED,SLR-342VCT31 RED				
LED205	87-A40-317-080		LED,SLR-342VCT31 RED	AC1 C.B			
LED206	87-A40-316-080		LED,SLR-56PCT31 GRN	△ F101	87-035-369-010		FUSE,5A 250V T
LED207	87-A40-316-080		LED,SLR-56PCT31 GRN	△ FC1	87-A90-505-080		FUSE CLAMP,TP00351-5
LED208	87-A40-316-080		LED,SLR-56PCT31 GRN	△ FC2	87-A90-505-080		FUSE CLAMP,TP00351-5
LED209	87-A40-316-080		LED,SLR-56PCT31 GRN	△ PT101	87-NF4-634-010		PT,7NF-4 EZK
LED210	87-A40-316-080		LED,SLR-56PCT31 GRN	△ T1	87-A60-317-010		TERMINAL,1P MSC
LED211	87-A40-316-080		LED,SLR-56PCT31 GRN	△ T2	87-A60-317-010		TERMINAL,1P MSC
LED212	87-A40-316-080		LED,SLR-56PCT31 GRN				
LED213	87-A40-316-080		LED,SLR-56PCT31 GRN	AC2 C.B			
LED214	87-A40-316-080		LED,SLR-56PCT31 GRN	C1	87-010-196-080		C-CAP,S 0.1-25 ZF C2012
LED215	87-A40-316-080		LED,SLR-56PCT31 GRN	△ PR1	87-026-682-080		PROTECTOR,10A 491SERIES 60V
LED216	87-A40-264-080		LED,SLH-56PCTE7 GRN	△ PR2	87-026-682-080		PROTECTOR,10A 491SERIES 60V
LED217	87-A40-264-080		LED,SLH-56PCTE7 GRN	△ PR5	87-026-682-080		PROTECTOR,10A 491SERIES 60V
LED218	87-A40-264-080		LED,SLH-56PCTE7 GRN	△ PR6	87-026-682-080		PROTECTOR,10A 491SERIES 60V
LED219	87-A40-264-080		LED,SLH-56PCTE7 GRN				
LED220	87-A40-264-080		LED,SLH-56PCTE7 GRN	DECK C.B			
LED221	87-A40-264-080		LED,SLH-56PCTE7 GRN	CON502	87-099-756-010		CONN,15P 9604S F
LED233	87-A40-265-010		LED,SLH-56PCL GRN	SFR1	87-024-581-010		SFR,3.3K DIA 6H
LED234	87-A40-265-010		LED,SLH-56PCL GRN	SOL1	82-ZM1-618-310		SOL ASSY,27
LED235	87-A40-267-010		LED,SLH-56VCL RED	SOL2	82-ZM1-618-310		SOL ASSY,27
LED236	87-A40-267-010		LED,SLH-56VCL RED	SW1	87-036-110-010		SW,MICRO SPPB62
LED237	87-A40-265-010		LED,SLH-56PCL GRN	SW2	87-036-110-010		SW,MICRO SPPB62
LED238	87-A40-265-010		LED,SLH-56PCL GRN	SW3	87-036-110-010		SW,MICRO SPPB62
S300	87-A90-095-080		SW,TACT EVQ11G04M	SW4	87-036-110-010		SW,MICRO SPPB62
S302	87-A90-095-080		SW,TACT EVQ11G04M	SW5	87-A90-248-010		SW,MICRO ESE11SH2CXQ
S303	87-A90-095-080		SW,TACT EVQ11G04M	SW6	87-A90-248-010		SW,MICRO ESE11SH2CXQ
S304	87-A90-095-080		SW,TACT EVQ11G04M				
S305	87-A90-095-080		SW,TACT EVQ11G04M	SW8	87-A90-248-010		SW,MICRO ESE11SH2CXQ
S306	87-A90-095-080		SW,TACT EVQ11G04M	SW9	87-A90-248-010		SW,MICRO ESE11SH2CXQ
S307	87-A90-095-080		SW,TACT EVQ11G04M	W1	82-ZM3-601-010		RBN-CORD,4P-75
S308	87-A90-095-080		SW,TACT EVQ11G04M				
S314	87-A90-095-080		SW,TACT EVQ11G04M				
S315	87-A90-095-080		SW,TACT EVQ11G04M				

REF.NO.	PART NO.	KANRI NO.	DESCRIPTION
---------	----------	-----------	-------------

HEAD-1 C.B

	85-ZM3-602-010	PWB, FLEX I
CON301	87-NF6-615-010	CONN ASSY, 3P-PB

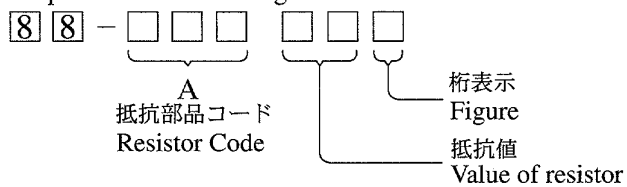
HEAD-2 C.B

	85-ZM3-602-010	PWB, FLEX I
CON351	87-NF6-616-010	CONN ASSY, 8P-RPB

○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	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

KTA1266
KTC3198



E C B

CSD1489
CSB1058



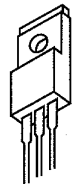
E C B

2SA933



E B C

C2N5401



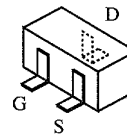
B C E

2SB1370
FN1016
FP1016

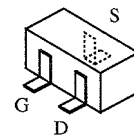


G D S

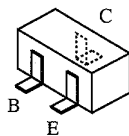
2SK2723



2SK2158



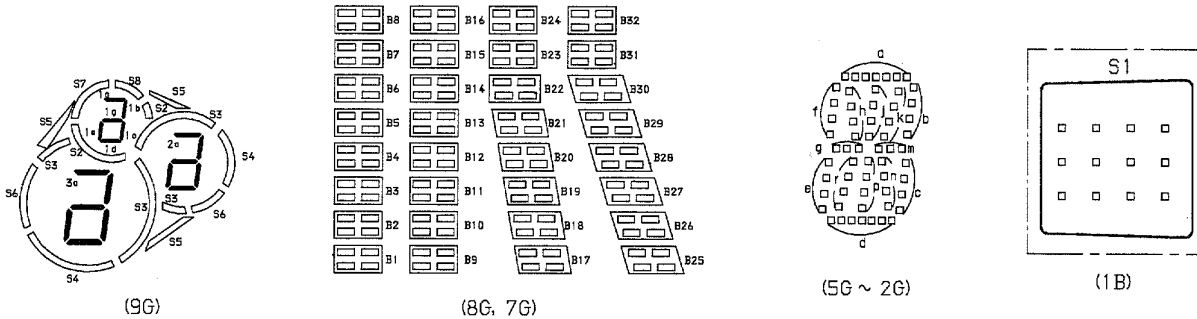
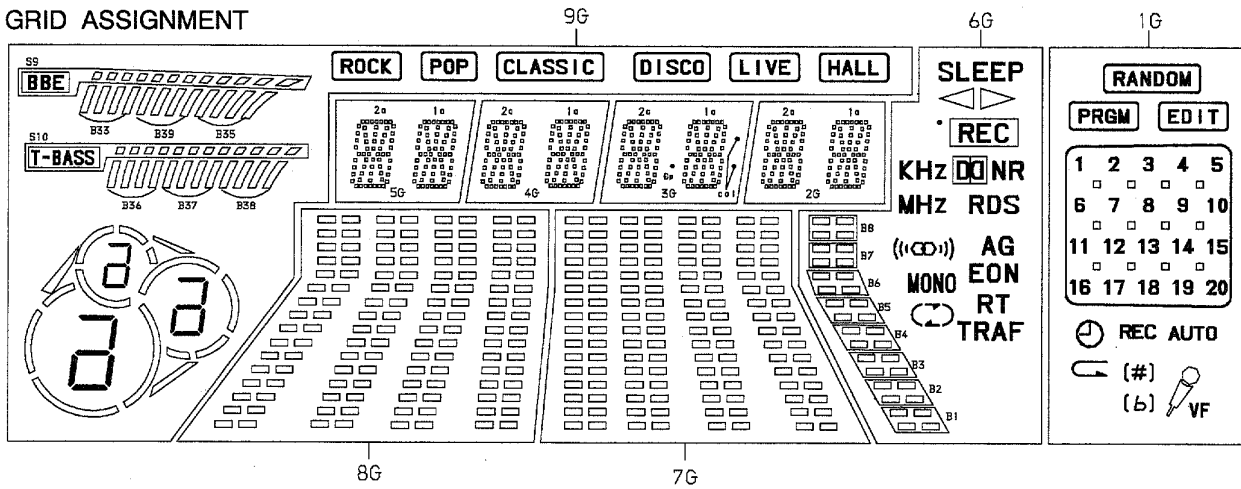
2SK543



2SA1235	DTA144EK
2SC2714	RN1410
2SC3052	RT1N141C
CMBT5551	RT1N144C
CSA1362	RT1P141C
CSD1306	RT1P144C

FL (BJ529GK) GRID ASSIGNMENT / ANODE CONNECTION

GRID ASSIGNMENT



ANODE CONNECTION

	9G	8G, 7G	6G	5G, 4G	3G	2G	1G
P1	S8	B32	△	-	CO (DOWN)	-	(RANDOM)
P2	S2	B24	△	1d	1d	1d	-
P3	1b	B16	SLEEP	1n	1n	1n	(PRGM)
P4	1c	B8	B8	1p	1p	1p	(EDIT)
P5	1e	B31	○	1r	1r	1r	1
P6	1a, 1d, 1g	B23	REC	1e	1e	1e	2
P7	2b	B15	KHz	1c	1c	1c	3
P8	2c	B7	B7	1q	1q	1q	4
P9	2a	B30	MHz	1n	1n	1n	5
P10	2a, 2d, 2g	B22	-	1f	1f	1f	6
P11	3b	B14	NR	1b	1b	1b	7
P12	3c	B6	B6	1k	1k	1k	8
P13	3e	B29	RDS	1j	1j	1j	9
P14	3a, 3d, 3g	B21	-	1h	1h	1h	10
P15	S3	B13	-	1a	1a	1a	11
P16	S5	B5	B5	-	CO (UP)	-	12
P17	S7	B28	-	1p	-	-	13
P18	S4	B20	-	2a	2a	2a	14

P19	S6	B12	-	2n	2n	2n	15
P20	□ (HALL)	B4	B4	2p	2p	2p	16
P21	□ (LIVE)	B27	AG	2r	2r	2r	17
P22	□ (DISCO)	B19	((100))	2a	2a	2a	18
P23	□ (CLASSIC)	B11	EON	2c	2c	2c	19
P24	□ (POP)	B3	B3	2a	2a	2a	20
P25	□ (ROCK)	B26	RT	2n	2n	2n	AUTO
P26	B36	B18	MONO	2f	2f	2f	VF
P27	B37	B10	TRAF	2b	2b	2b	⌚
P28	B38	B2	B2	2k	2k	2k	REC
P29	B33	B25	⌚	2l	2l	2l	⌚
P30	B34	B17	⌚	2h	2h	2h	(#)
P31	B35	B9	⌚	2e	2e	2e	(b)
P32	ROCK POP CLASSIC S10	B1	B1	-	-	-	S1
P33	DISCO LIVE HALL	-	-	-	-	-	-
P34	S9	-	-	-	-	-	-
P35	-	-	-	-	-	-	b #

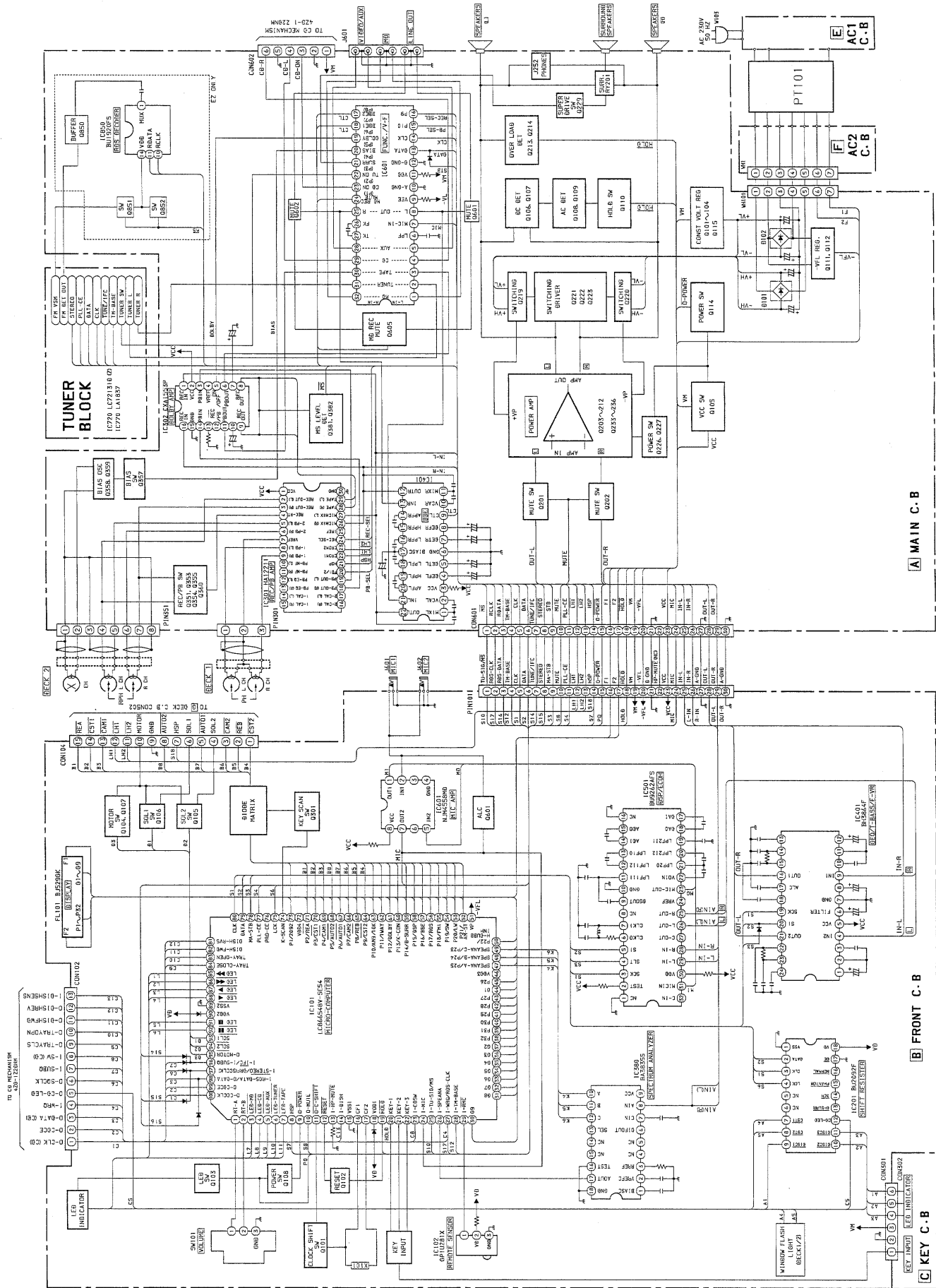
PIN CONNECTION

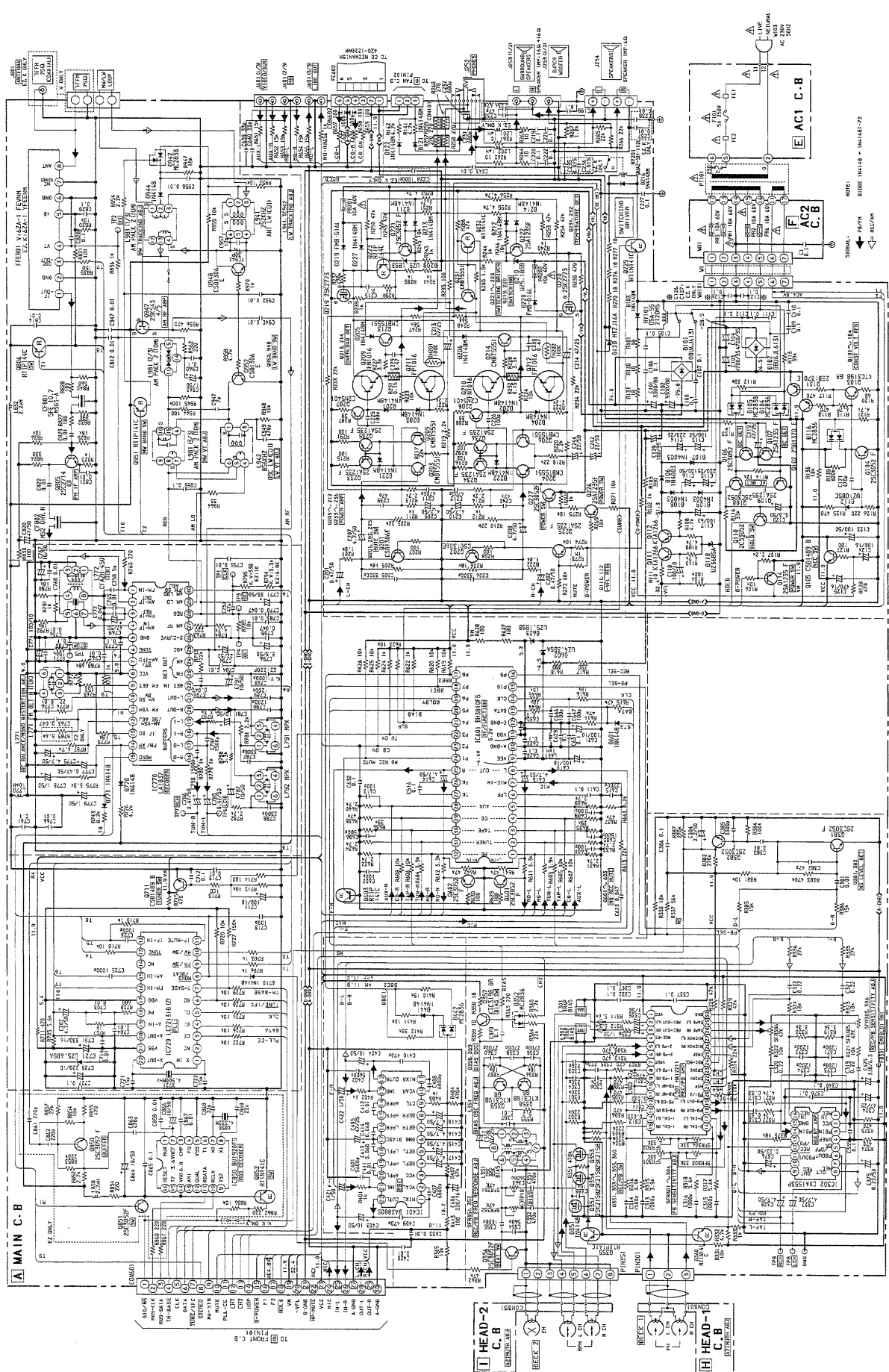
PIN NO.	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31
CONNECTION	F2	F2	F2	NP	NP	9G	8G	7G	6G	5G	4G	3G	2G	1G	NC	NC	NC	NC	NC	NC	NC	NC	NC	P35	P34	P33	P32	P31	P30	P29	P28	P27	P26

PIN NO.	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
CONNECTION	P25	P24	P23	P22	P21	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	NP	NP	F1	F1	F1

- NOTE
- 1) F1, F2-----FILAMENT
 - 2) NP-----NO PIN
 - 3) NC-----NO CONNECTION
 - 4) 1G~9G-----GRID

BLOCK DIAGRAM (MAIN / FRONT)

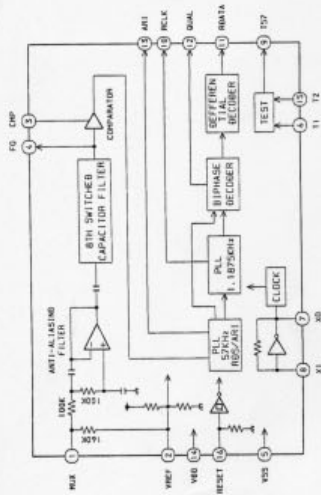




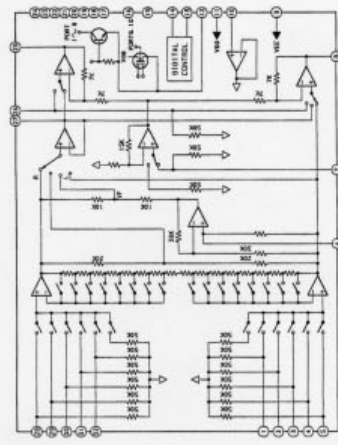
NOTE:
R100E 1N4148 - 1N4148-72
SIGNAL: 18/74
← 18/74

IC BLOCK DIAGRAM - 1

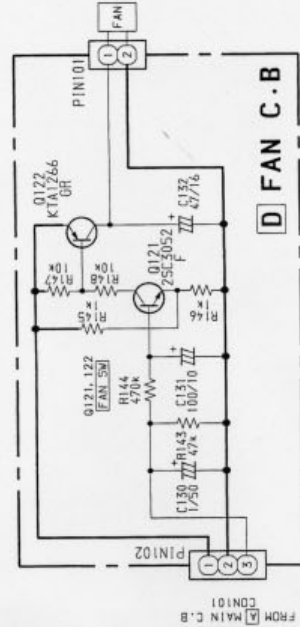
IC, BU1920FS -EZ ONLY>



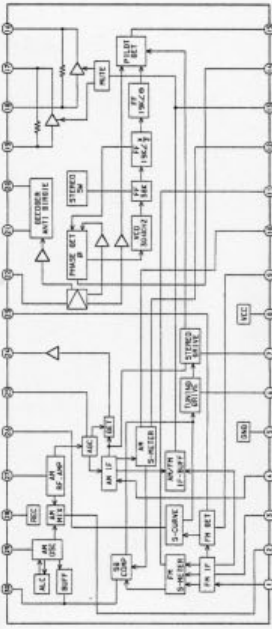
IC, BH3810FS



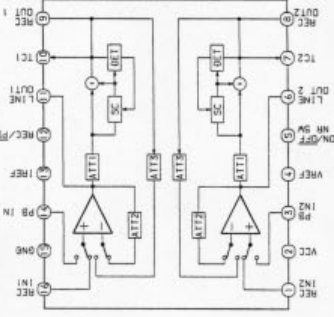
SCHEMATIC DIAGRAM - 2 (FAN)



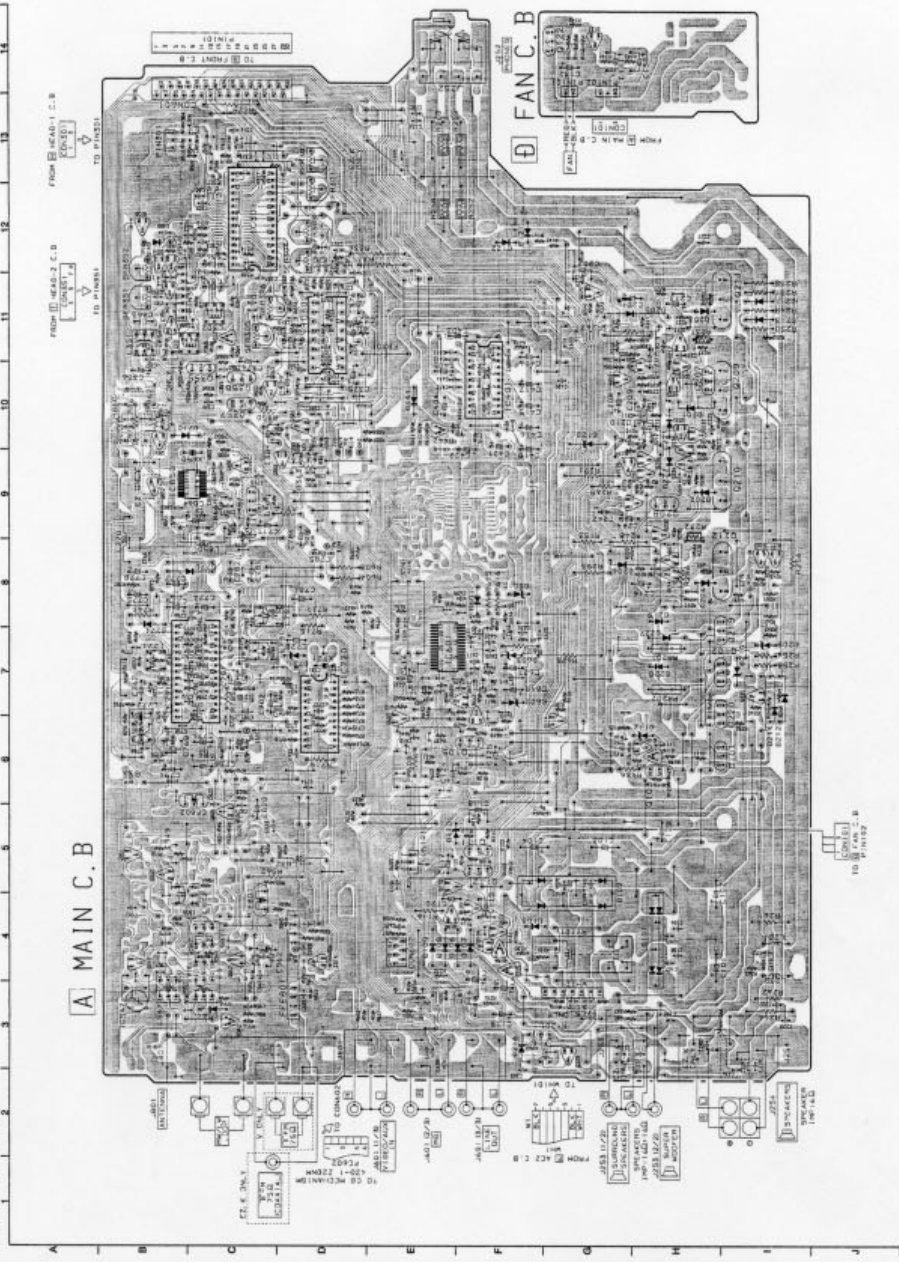
IC, LA1837

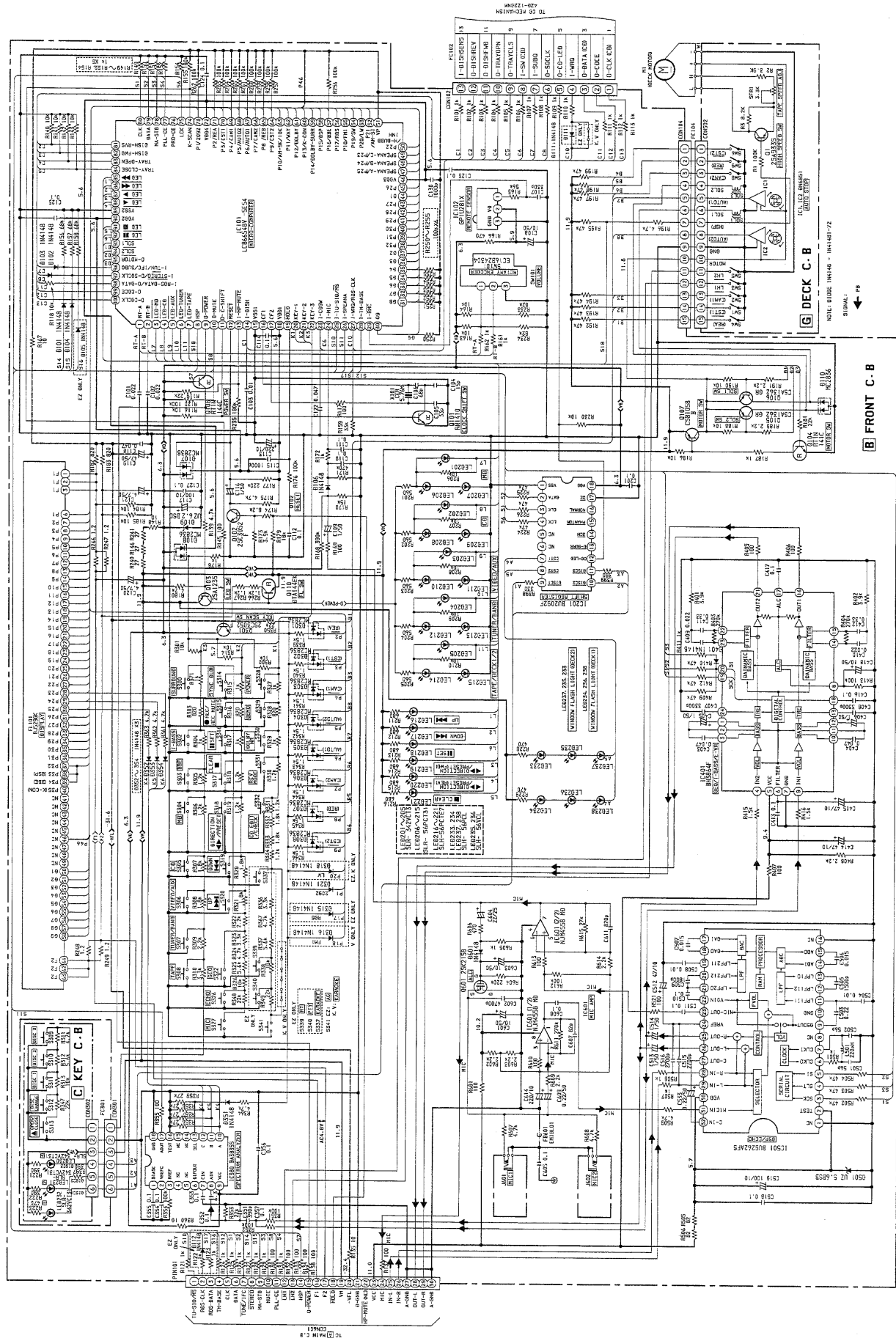


IC, CXA1553P



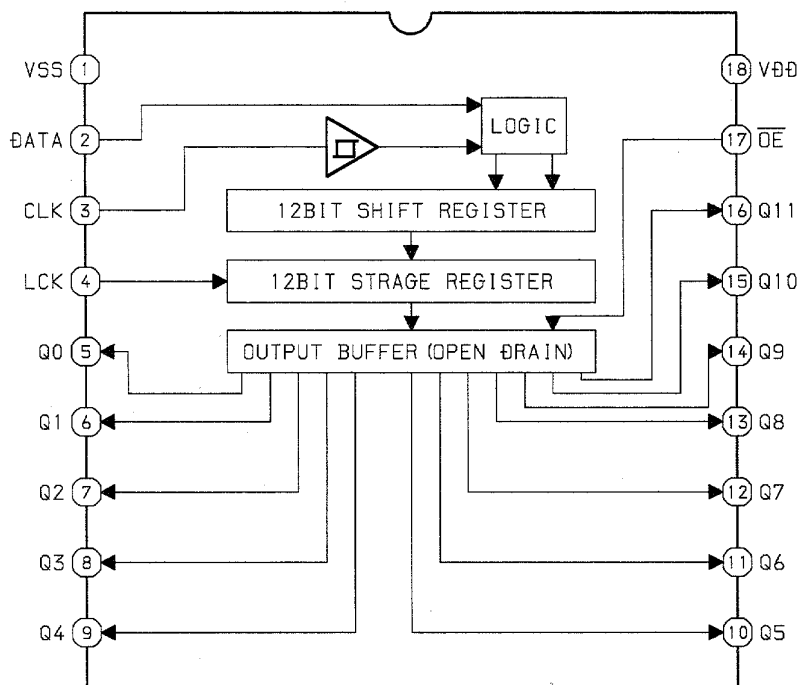
WIRING - 1 (MAIN)



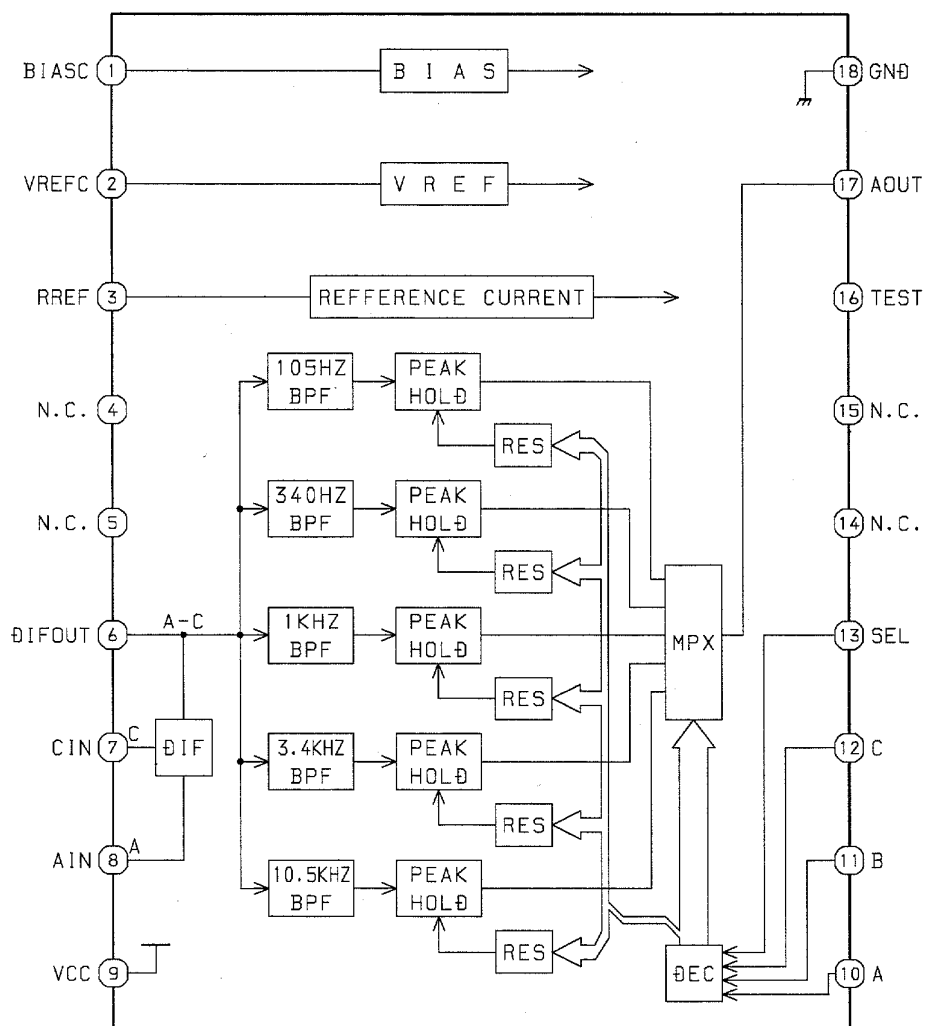


IC BLOCK DIAGRAM - 2

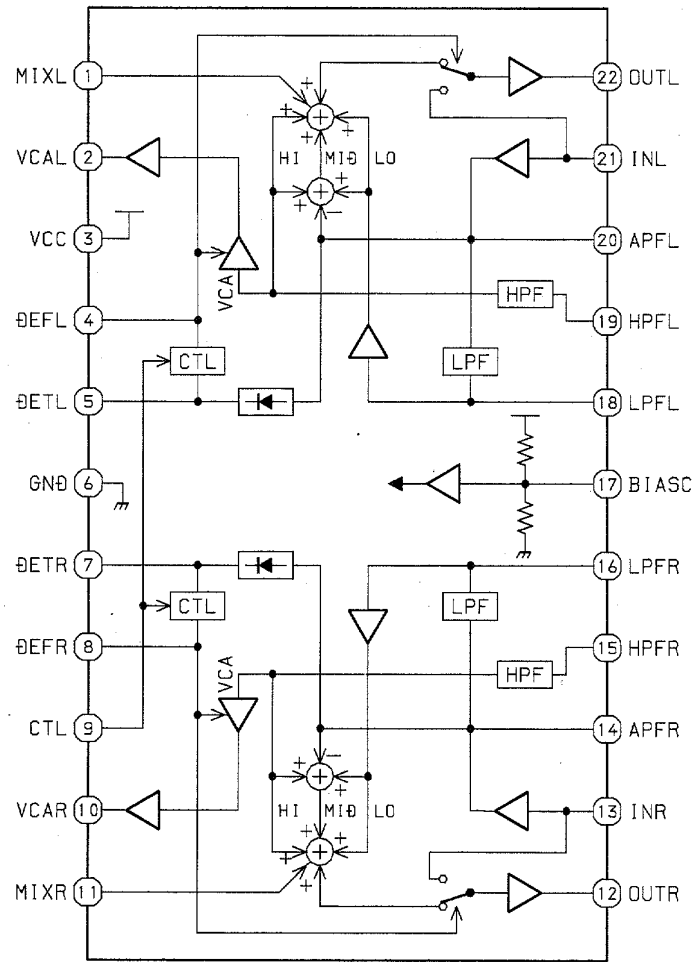
IC, BU2092F



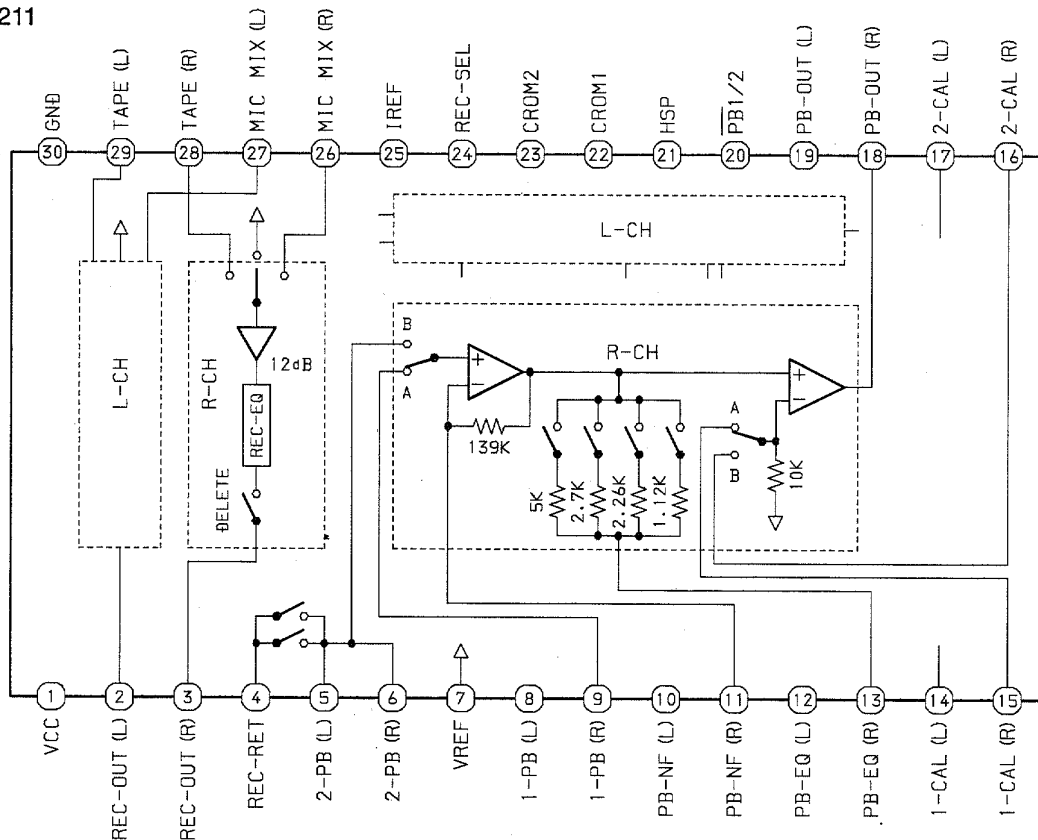
IC, BA3835S

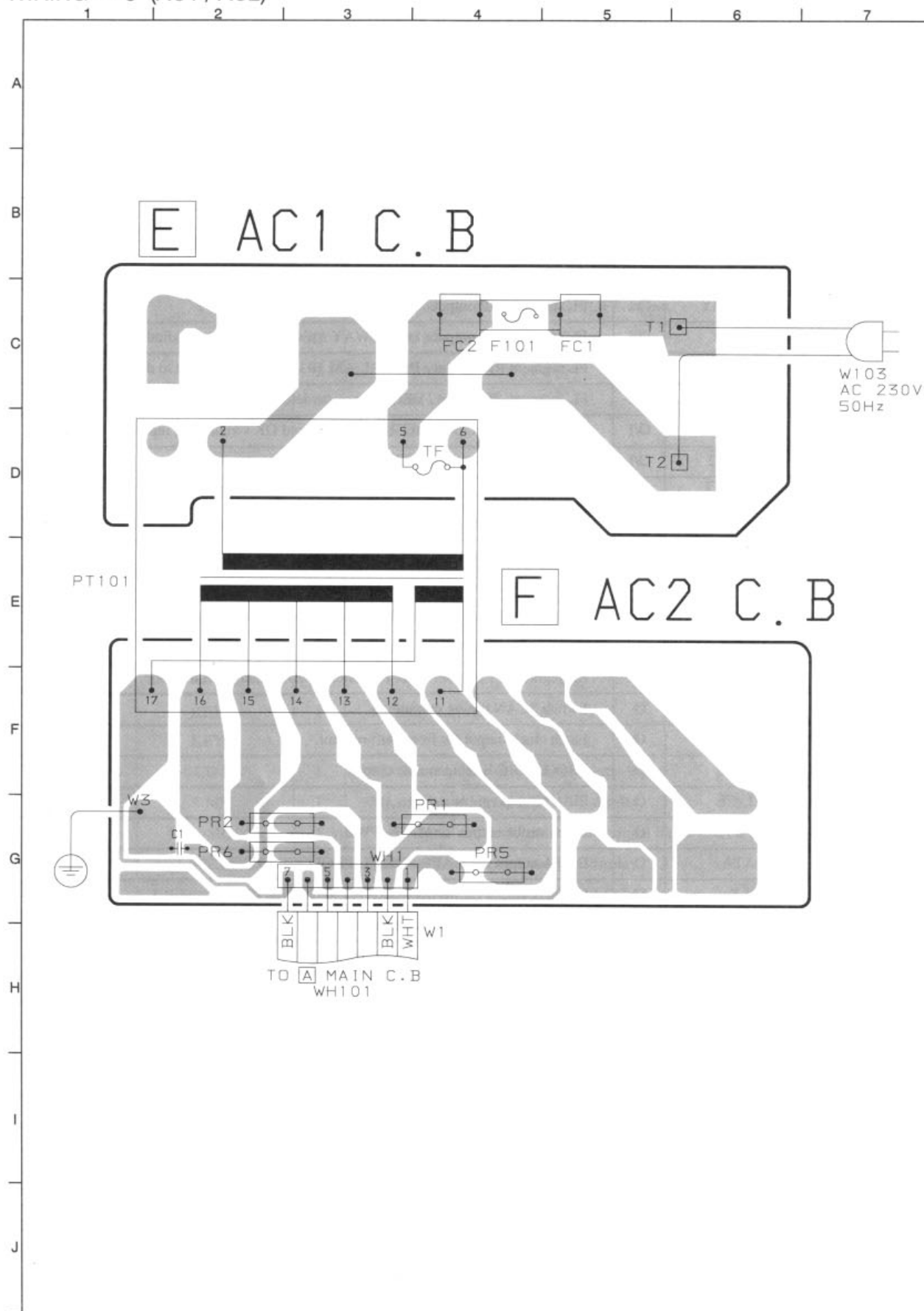


IC, BA3880S

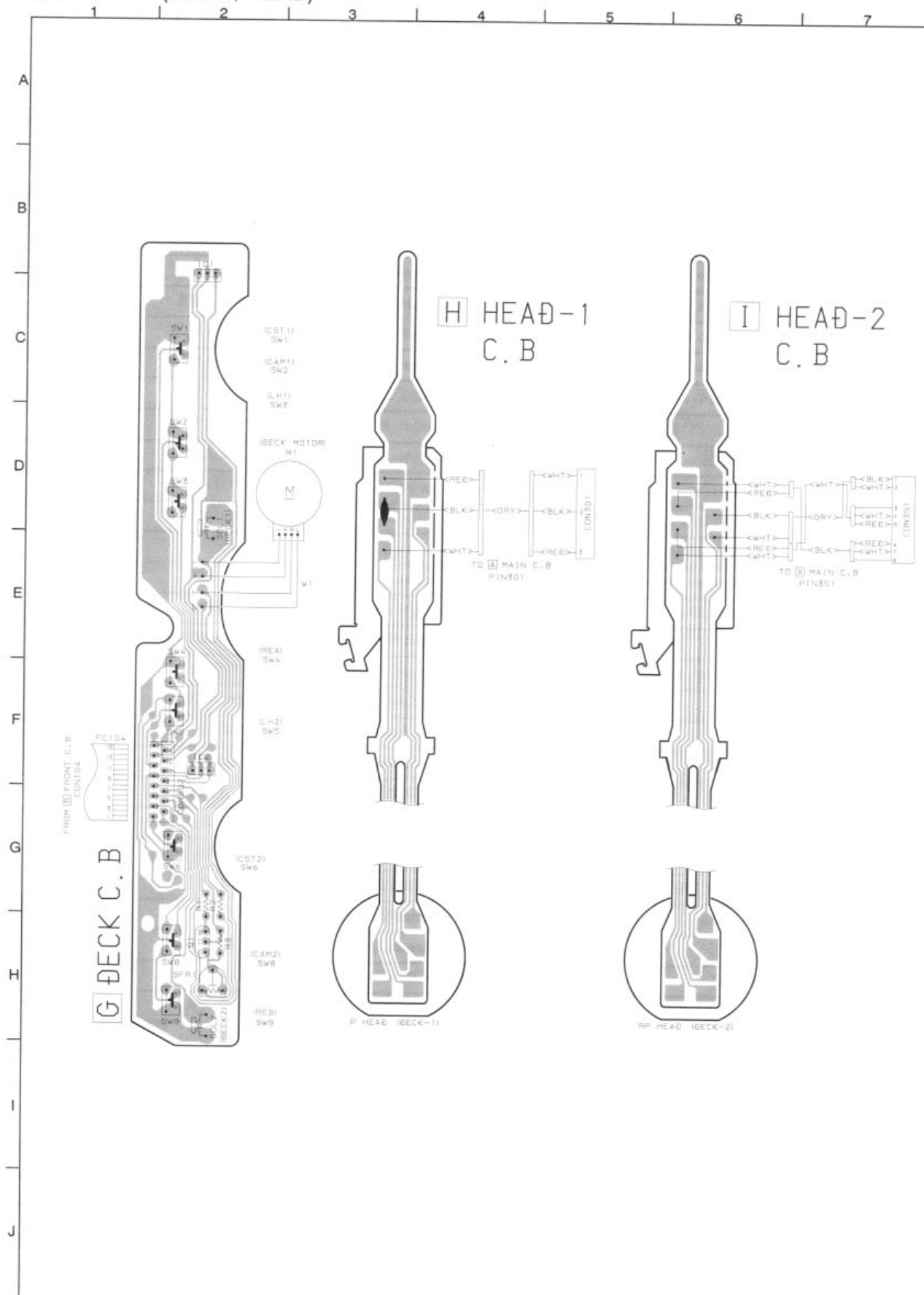


IC, HA12211





WIRING - 4 (DECK / HEAD)



IC DESCRIPTION
IC, LC866548V-5E54

Pin No.	Pin Name	I/O	Description
1	RT-A	I	Rotary encoder A input.
2	RT-B	I	Rotary encoder B input.
3	$\overline{\text{LED-MD}}$	O	"MD" LED $\overline{\text{ON/OFF}}$ output.
4	$\overline{\text{LED-CD}}$	O	"CD " LED $\overline{\text{ON/OFF}}$ output.
5	$\overline{\text{LED-AUX}}$	O	"AUX" LED $\overline{\text{ON/OFF}}$ output.
6	$\overline{\text{LED-TUNER}}$	O	"TUNER" LED $\overline{\text{ON/OFF}}$ output.
7	$\overline{\text{LED-TAPE}}$	O	"TAPE" LED $\overline{\text{ON/OFF}}$ output.
8	HSP	O	Tape deck motor high speed $\overline{\text{ON/OFF}}$ output.
9	$\overline{\text{O-POWER}}$	O	System power supply $\overline{\text{ON/OFF}}$ output.
10	$\overline{\text{O-MUTE}}$	O	System mute $\overline{\text{ON/OFF}}$ output.
11	$\overline{\text{O-CLK-SHIFT}}$	O	U-COM clock shift output.
12	$\overline{\text{RESET}}$	I	Reset input.
13	$\overline{\text{I-HP-MUTE}}$	–	Not connected.
14	I-DISH	I	CD turntable photo sensor A/D converter input.
15	VSS 1	–	GND.
16	CF 1	–	5.76MHz oscillator circuit.
17	CF 2		
18	VDD 1	–	Power supply input.
19	$\overline{\text{HOLD}}$	I	Power failure detected input "1" to stop clock and main memory.
20	KEY-1	I	KEY input. (A/D)
21	KEY-2		
22	KEY-3		
23	I-CD SW	I	CD mechanical switch A/D converter input.
24	I-MIC	I	Microphone input for AUTO VF display.
25	$\overline{\text{I-TU-SIG/MS}}$	I	Tuner signal and deck music sensor signal input.
26	I-SPEANA	I	A/D input for spectrum analyzer display.
27	I-WRQ/RDS-CLK	I	CD WRQ input . TUNER RDS CLOCK input.
28	I-TM-BASE	I	REFERENCE CLOCK input for timer watch.
29	$\overline{\text{I-RMC}}$	I	System remote control signal input.
30 ~ 37	G9 ~ G2	O	FL GRID output G2~G9.
38 ~ 43	P32 ~ P27	O	FL SEGMENT output P27~P32.
44	G1	O	FL grid output G1.
45	P26	O	FL SEGMENT output P26.
46	VDD3	–	Power supply input.
47	SPEANA-A/P25	O	Spectrum analyzer band switching output /FL segment P25 output.
48	SPEANA-B/P24	O	Spectrum analyzer band switching output /FL segment P24 output.
49	SPEANA-C/P23	O	Spectrum analyzer band switching output /FL segment P23 output.
50	P22/H-DUBB INH	O/I	FL segment P22 output / high dubbing inhibit input to diode.
51	VP	–	Power supply input for FL display.
52	P21/AM-ST	O/I	FL segment P21 output / AM stereo input to diode.
53	P20/LW	O/I	FL segment P20 output / LW mode data input to diode.

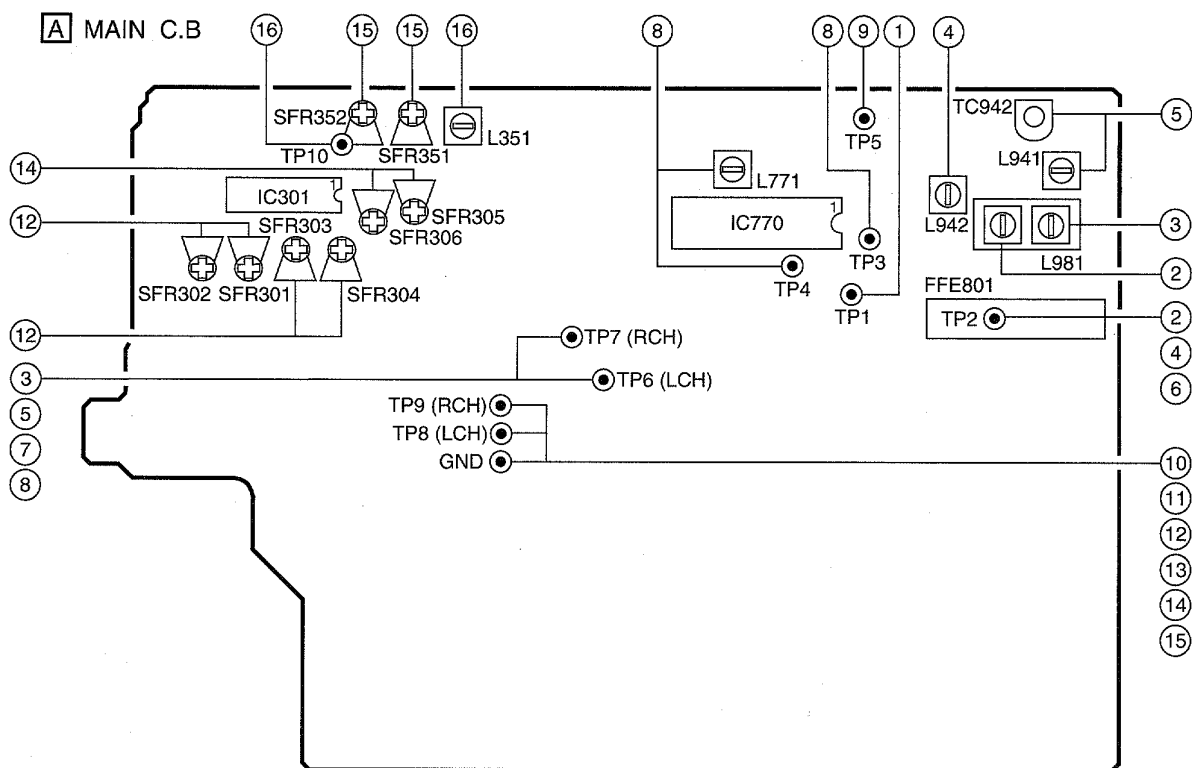
Pin No.	Pin Name	I/O	Description
54	P19/SW	O/I	FL segment P19 output / SW mode data input to diode.
55	P18/FM 1	O/I	FL segment P18 output / FM1 (OIRT) data input to diode.
56	P17/RDS	O/I	FL segment P17 output / RDS data input to diode.
57	P16/BBE	O/I	FL segment P16 output / BBE data input to diode.
58	P15/DSP	O/I	FL segment P15 output / DSP data input to diode.
59	P14/DOLBY-SURR	O/I	FL segment P14 output / DOLBY-SURR data input to diode.
60	P13/K-CON	O/I	FL segment P13 output / K-CON data input to diode.
61	P12/DOLBY	O/I	FL segment P12 output / DOLBY data input to diode.
62	P11/WAY	O/I	FL segment P11 output / DECK/WAY MECHA data input to diode.
63	P10/AM-9K/10K	O/I	FL segment P10 output / INITIAL AM 10 kHz step data input to diode.
64	P9/ $\overline{\text{CST 2}}$	O/I	FL segment P9 output / DECK2 cassette detect switch data input.
65	P8/REB	O/I	FL segment P8 output / DECK2 side-B record OK switch data input.
66	P7/ $\overline{\text{CAM 2}}$	O/I	FL segment P7 output / DECK2 CAM switch data input.
67	P6/ $\overline{\text{AUTO 1}}$	O/I	FL segment P6 output / DECK1 AUTO stop signal input.
68	P5/ $\overline{\text{AUTO 2}}$	O/I	FL segment P5 output / DECK2 AUTO stop signal input.
69	P4/ $\overline{\text{CAM 1}}$	O/I	FL segment P4 output / DECK1 CAM switch data input.
70	P3/ $\overline{\text{CST 1}}$	O/I	FL segment P3 output / DECK1 cassette detect switch data input.
71	P2/REA	O/I	FL segment P2 output / DECK2 side A record OK switch data input.
72	VDD 4	–	Power supply input.
73	P1/2092	O/I	FL segment P1 output / SHIFT resistor IC 2092 data input to diode.
74	K-SCAN	O	Switch SCAN timing output.
75	L CK	O	Latch clock output for front shift resistor.
76	PRO-CE	O	PRO LOGIC IC chip enable output.
77	PLL-CE	O	PLL IC chip enable output.
78	MA-STB	O	Latch strobe output for MAIN PWB.
79	DATA	O	DATA output for MAIN, FORNT, PROLOGIC PWB.
80	CLK	O	CLOCK output for MAIN, FORNT, PROLOGIC PWB.
81	DISH-RVS	O	CD turntable reverse rotation output.
82	DISH-FWD	O	CD turntable forward rotation output.
83	TRAY-OPEN	O	CD TRAY OPEN data output.
84	TRAY-CLOSE	O	CD TRAY CLOSE data output.
85	$\overline{\text{LED}} \blacktriangleright\blacktriangleright$	O	$\blacktriangleright\blacktriangleright$ LED $\overline{\text{ON}}$ /OFF output.
86	$\overline{\text{LED}} \blacktriangleleft\blacktriangleleft$	O	$\blacktriangleleft\blacktriangleleft$ LED $\overline{\text{ON}}$ /OFF output.
87	$\overline{\text{LED}} \blacktriangleright$	O	$\blacktriangleright$ LED $\overline{\text{ON}}$ /OFF output.
88	$\overline{\text{LED}} \blacktriangleleft$	O	$\blacktriangleleft$ LED $\overline{\text{ON}}$ /OFF output.
89	VSS 2	–	GND.
90	VDD 2	–	Power supply input.
91	$\overline{\text{LED}} \blacksquare$	O	$\blacksquare$ LED $\overline{\text{ON}}$ /OFF output.
92	$\overline{\text{LED}} \blacksquare\blacksquare$	O	$\blacksquare\blacksquare$ LED $\overline{\text{ON}}$ /OFF output.
93	SOL 1	O	DECK 1 Solenoid output.
94	SOL 2	O	DECK 2 Solenoid output.

Pin No.	Pin Name	I/O	Description
95	O-MOTOR	O	DECK MOTOR ON/OFF output.
96	I-TUNE/IFC/SUBQ	I	Tune IF count serial data input /CD SUB Q data input.
97	I-STEREO/O-SQCLK	I/O	Tuner stereo detected input/CD SQ CLOCK output.
98	I-RDS-DATA/O-DATA	I/O	RDS data input/CD data output.
99	O-CD CE	O	CD CE output.
100	O-CD CLK	O	CD CLOCK output.

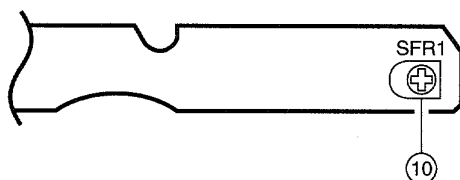
IC, LC72131D(Z)

Pin No.	Pin Name	I/O	Description																								
1	X IN	I	A crystal oscillator (7.2MHz) is connected between these pins.																								
22	X OUT	O																									
2	NC	–	Not used.																								
3	CE	I	To enable the IC. Active "H".																								
4	DI	I	Digital data input from CPU(LC866548V-5E54) when relevant key is operated. Active "H".																								
5	CL	I	To clock in the data DI.																								
6	DO	O	Digital data output to CPU (LC866548V-5E54).																								
7	T-BASE	O	Outputs a reference clock signal (8Hz) for the clock.																								
8	MONO / BEAT	O	Outputs "H" when MONO / BEAT is switched.																								
9	$\overline{\text{FM}} / \overline{\text{SW}}$	O	Output "L" or "H" as follows: <table><tr><td colspan="2">2 BAND</td><td colspan="3">3 BAND</td><td colspan="3">3 BAND</td></tr><tr><td>AM</td><td>FM</td><td>LW</td><td>MW</td><td>FM</td><td>MW</td><td>SW</td><td>FM</td></tr><tr><td>H</td><td>L</td><td>H</td><td>H</td><td>L</td><td>H</td><td>L</td><td>L</td></tr></table>	2 BAND		3 BAND			3 BAND			AM	FM	LW	MW	FM	MW	SW	FM	H	L	H	H	L	H	L	L
2 BAND		3 BAND			3 BAND																						
AM	FM	LW	MW	FM	MW	SW	FM																				
H	L	H	H	L	H	L	L																				
10	$\overline{\text{MW}} / \text{SW}$	O	Outputs "L" or "H" as follows: <table><tr><td colspan="2">2 BAND</td><td colspan="3">3 BAND</td><td colspan="3">3 BAND</td></tr><tr><td>AM</td><td>FM</td><td>LW</td><td>MW</td><td>FM</td><td>MW</td><td>SW</td><td>FM</td></tr><tr><td>L</td><td>L</td><td>H</td><td>L</td><td>L</td><td>L</td><td>H</td><td>L</td></tr></table>	2 BAND		3 BAND			3 BAND			AM	FM	LW	MW	FM	MW	SW	FM	L	L	H	L	L	L	H	L
2 BAND		3 BAND			3 BAND																						
AM	FM	LW	MW	FM	MW	SW	FM																				
L	L	H	L	L	L	H	L																				
11	IF-MUTE	O	To control internal counter.																								
12	IF-IN	I	General purpose counter input.																								
13	$\overline{\text{TUNE}}$	I	Receives "L" when station is tuned.																								
14	NC	–	Not used.																								
15	AM-IN	I	Receives the AM local oscillator frequency signal.																								
16	FM-IN	I	Receives the FM local oscillator frequency signal.																								
17	VDD	–	Supply power to IC (+5V).																								
18	PD	O	PLL charge pump output.																								
19	A-IN	I	The MOS transistor for PLL active low pass filter.																								
20	A-OUT	O																									
21	VSS	–	Ground.																								

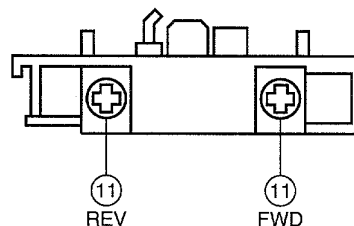
ADJUSTMENT



G DECK C.B



DECK-1 P HEAD, DECK-2 R/P/E HEAD



< TUNER SECTION >

1. Clock Frequency Check
 - Settings : • Test point : TP1 (CLK)
 - Method : Set to MW 1602kHz and check that the test point is 2052kHz $\pm$ 0.045kHz.
2. MW VT Adjustment
 - Settings : • Test point : TP2 (VT)
 - Adjustment location : L981
 - Method : Set to MW 531kHz and adjust L981 so that the test point becomes 1.5V $\pm$ 0.05V. Then set to MW 1602kHz and check that the test point is less than 8.5V.
3. MW Tracking Adjustment
 - Settings : • Test point : TP6 (Lch), TP7 (Rch)
 - Adjustment location : L981
 - Method : Set to MW 999kHz and adjust L981 so that the test point becomes maximum.
4. LW VT Adjustment
 - Settings : • Test point : TP2 (VT)
 - Adjustment location : L942
 - Method : Set to LW 144kHz and adjust L942 so that the test point becomes 1.3V $\pm$ 0.05V.
5. LW Tracking Adjustment
 - Settings : • Test point : TP6 (Lch), TP7 (Rch)
 - Adjustment location : L941 144kHz
TC942 290kHz
 - Method : Set up TC942 to center before adjustment. The level at 144kHz is adjusted to MAX by L941. Then the level at 290kHz is adjusted to MAX by TC942.

- < DECK SECTION >

13. PB Frequency Response Check (DECK1, DECK2)
Settings : • Test tape : TTA-300
• Test point : TP8 (Lch), TP9 (Rch)
Method : Play back the 315Hz and 10kHz signals of the test tape and check that the output ratio of the 10kHz signal with respect to that of the 315Hz signal is within $0\text{dB} \pm 2\text{dB}$.
14. REC/PB Sensitivity Adjustment (DECK2)
Settings : • Test tape : TTA-602
• Test point : TP8 (Lch), TP9 (Rch)
• Input signal : 1kHz (LINE IN)
• Adjustment location : SFR305 (Lch)
SFR306 (Rch)
Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP8, TP9 becomes 17mV.
Record and play back the 1kHz signals and adjust SFRs so that the output is $17\text{mV} \pm 0.5\text{dB}$.
15. REC/PB Frequency Response Adjustment (DECK2)
Settings : • Test tape : TTA-602
• Test point : TP8 (Lch), TP9 (Rch)
• Input signal : 1kHz / 10kHz (LINE IN)
• Adjustment location : SFR351 (Lch)
SFR352 (Rch)
Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP8, TP9 becomes 170mV. Record and play back the 1kHz and 10kHz signals and adjust SFRs so that the output level of the 10kHz signals becomes $0\text{dB} \pm 0.5\text{dB}$ with respect to that of the 1kHz signal.
16. Bias OSC Frequency Adjustment (DECK2)
Settings : • Test point : TP10 (BIAS)
• Adjustment location : L351
Method : Set DECK2 to the record mode and adjust L351 so that the frequency at the test point is $85\text{kHz} \pm 1\text{kHz}$.

PRACTICAL SERVICE FIGURE

<TUNER SECTION>

<FM SECTION>

IHF Sensitivity : (THD 3%)	Less than 10dB [at 87.5 / 98.0 / 108.0MHz (EZ, K)] 6dB ± 6dB [at FM1: 65.0 / 70.0 / 74.0MHz (V)] 5dB ± 4dB [at FM2: 87.5MHz (V)] 4dB ± 4dB [at FM2: 98.0 / 108.0MHz (V)]
S/N 50dB Quieting sensitivity :	Less than 38dB [at 87.5 / 98.0 / 108.0MHz]
Signal to noise ratio :	(MONO) More than 65dB (STEREO) More than 64dB [at 98.0MHz]
Distortion : (Input 54dB)	(MONO) Less than 1.3% (STEREO) Less than 2.0% [at 98.0MHz]
Auto stop level :	25dB ± 10dB [at 98.0MHz]
Stereo separation :	More than 22dB [at 98.0MHz]
Intermediate frequency :	10.7MHz

<MW SECTION>

Sensitivity : (S/N 20 dB)	55dB ± 5dB [at 603kHz] 53dB ± 5dB [at 999 / 1404kHz]
Signal to noise ratio : (Input 100dB)	More than 36dB [at 999kHz]
Distortion :	Less than 1.5% [at 999kHz]
Auto stop level :	50dB +10/-15dB [at 999kHz]
Intermediate frequency :	450kHz

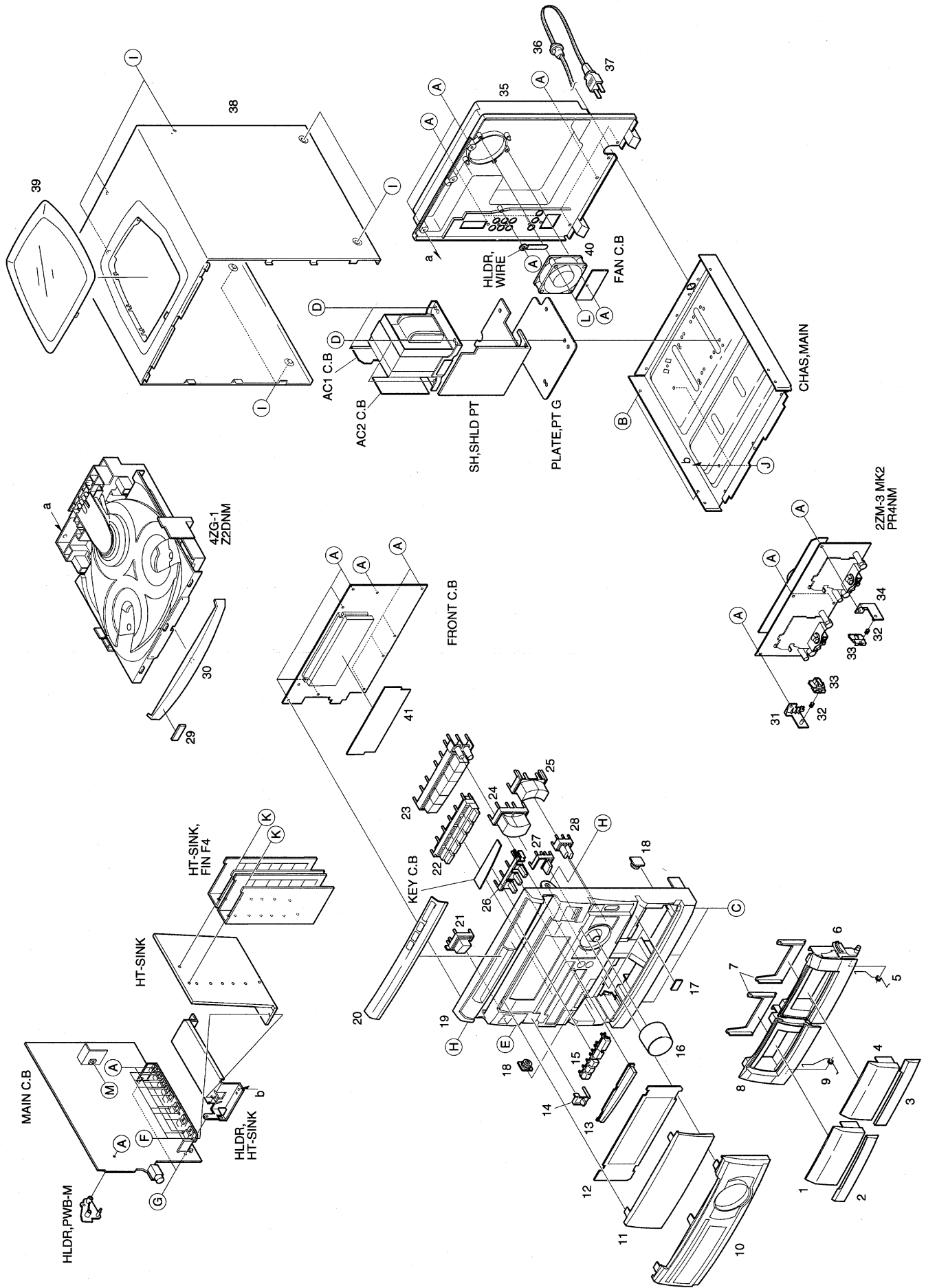
<LW SECTION>

Sensitivity : (S/N 20dB)	66dB ± 5dB [at 144kHz] 63dB ± 5dB [at 198 / 290kHz]
Signal to noise ratio : (Input 106dB)	More than 36dB [at 198kHz]
Distortion : (Input 80dB)	Less than 1.2% [at 198kHz]
Auto stop level :	66dB +10/-15dB [at 198kHz]

<DECK SECTION>

Tape speed :	3000Hz ± 45Hz
Wow & flutter :	Less than 0.15% (W.R.M.S)
Pinch roller pressure :	270 ~ 330g (FWD, REV)
Take-up torque :	30 ~ 55g-cm (FWD, REV)
F.F & REW torque :	75 ~ 180g-cm (FWD) 75 ~ 130g-cm (REW)
Back tension :	2 ~ 7g-cm (FWD, REV)
PB Output level :	330mV ± 1dB
REC/PB Output level :	180mV ± 2dB
Distortion (REC/PB) :	Less than 2.0% (NORMAL, CrO2)
Noise level (PB) :	Less than 1.8mV (DOLBY B NR OFF, NORMAL) Less than 1.2mV (DOLBY B NR ON, CrO2)
Noise level (REC/PB) :	Less than 2.2mV (DOLBY B NR OFF, NORMAL) Less than 1.5mV (DOLBY B NR ON, CrO2)
Crosstalk :	More than 60dB (1kHz, NORMAL)
Channel separation :	More than 30dB (1kHz, NORMAL)
Erasing ratio :	More than 60dB (at 125Hz, CrO2)
REC bias frequency :	85kHz
Test tape :	NORMAL : TTA-602 CrO2 : TTA-615

MECHANICAL EXPLODED VIEW 1 / 1

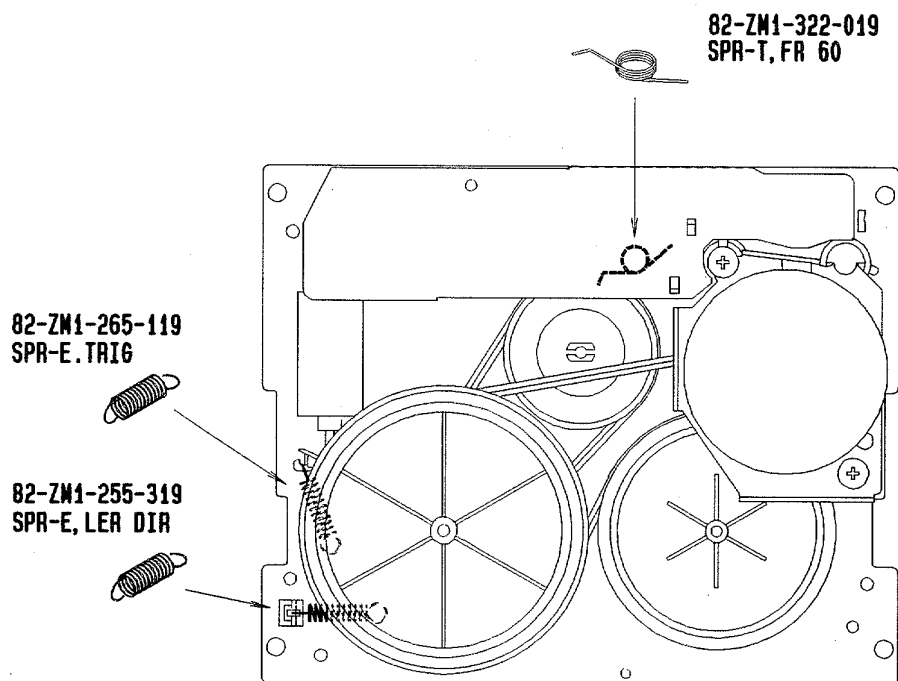
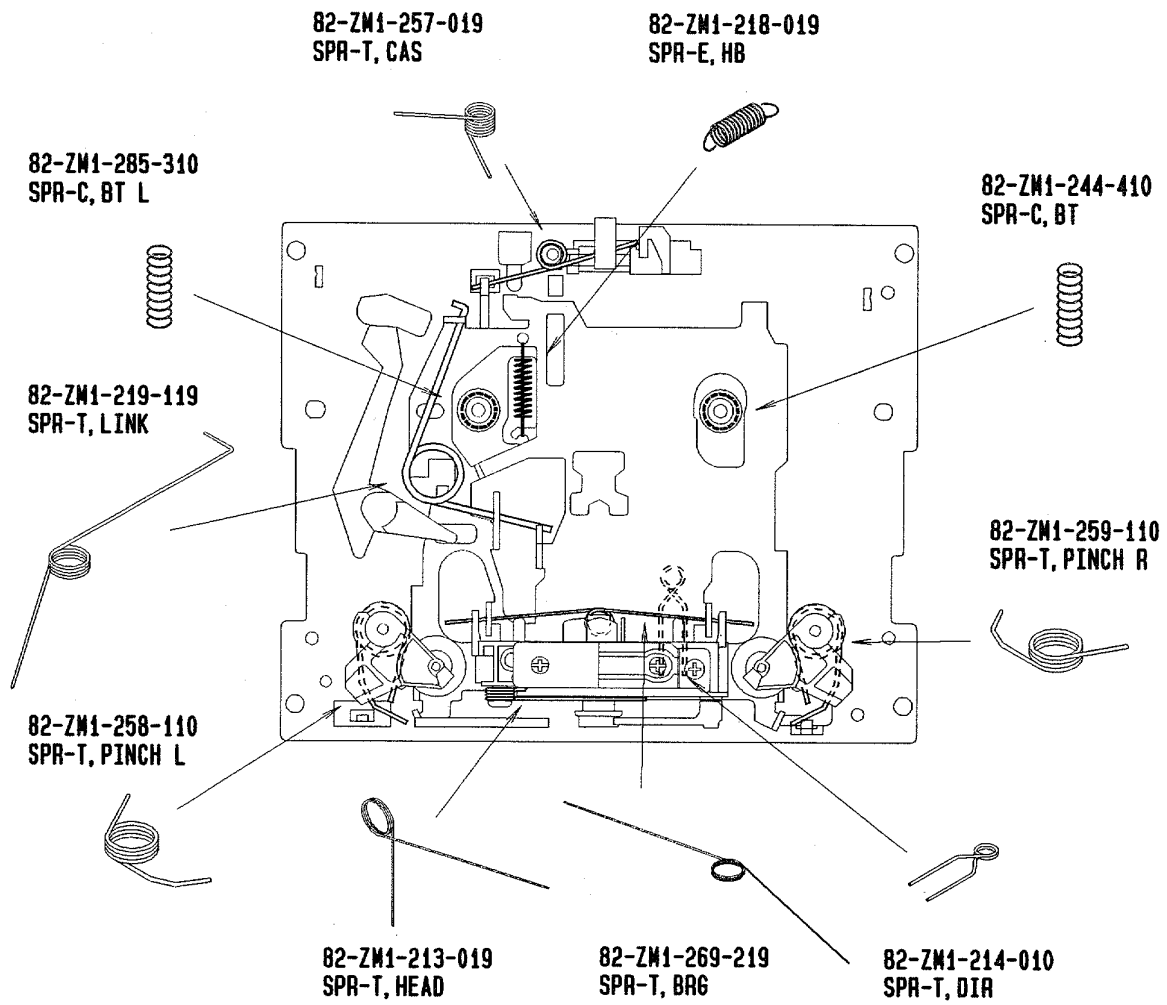


MECHANICAL PARTS LIST 1 / 1

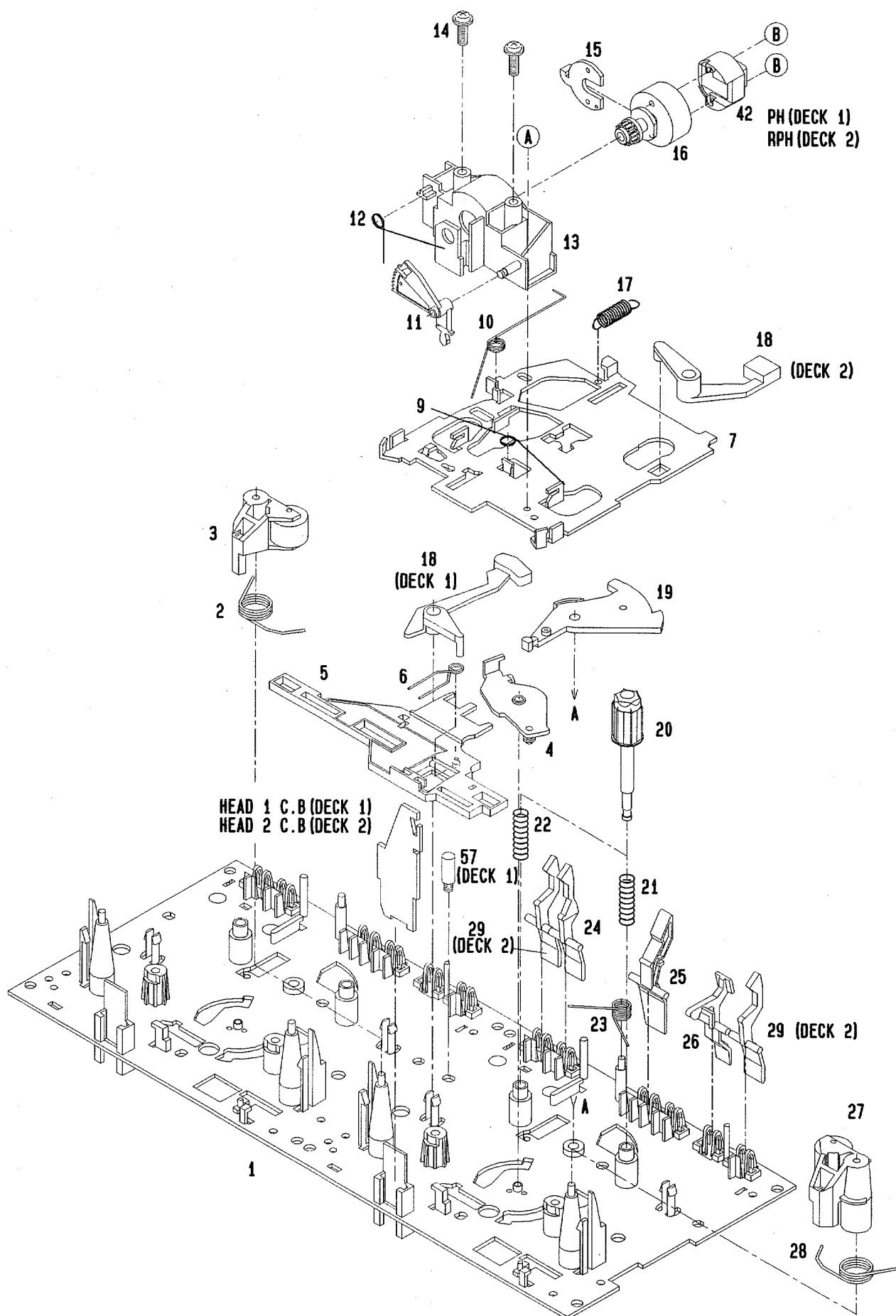
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

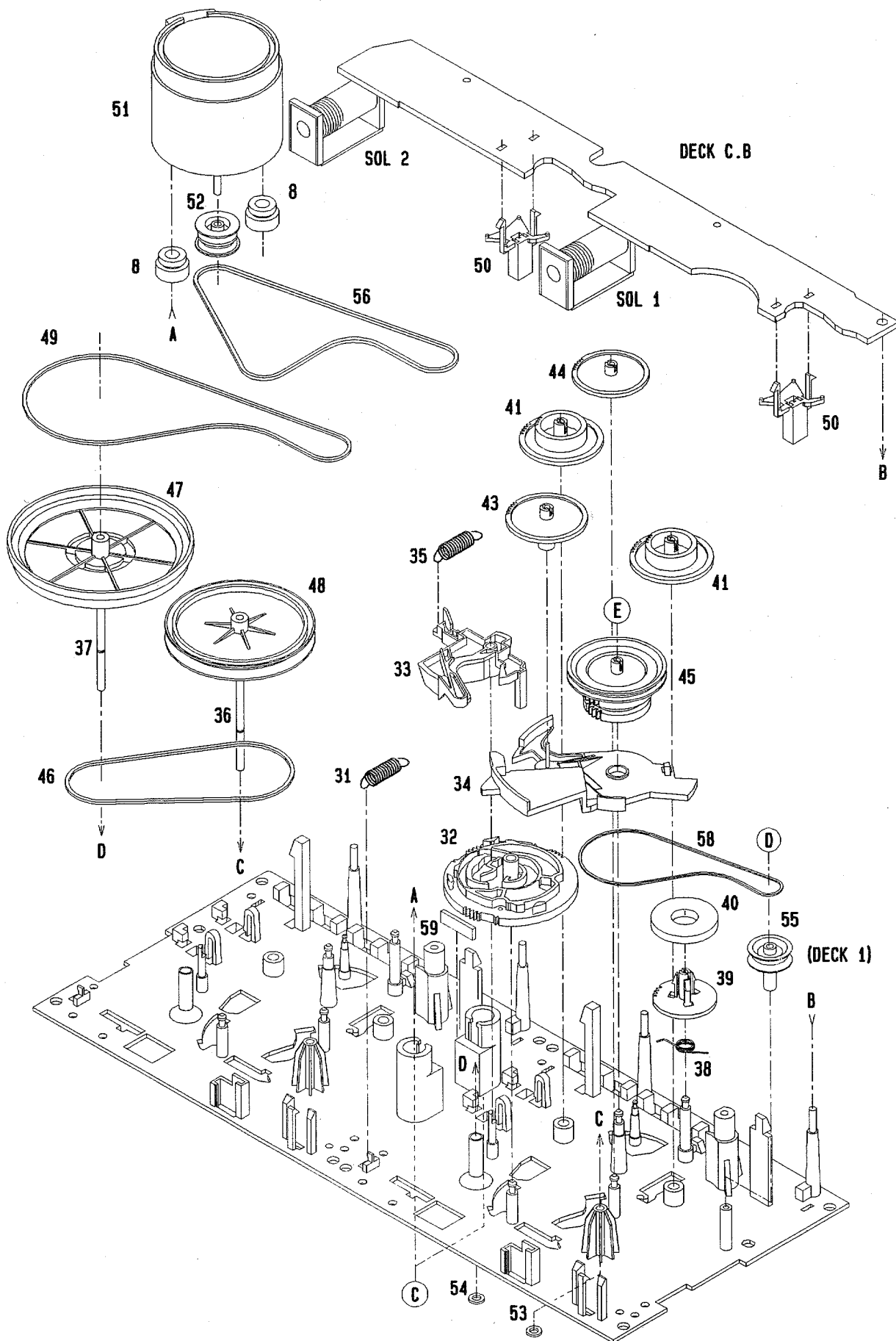
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-NF4-034-010		WINDOW, CASS 1	31	87-NF4-216-010		HLDR, LOCK 1
2	87-NF4-032-010		PANEL, CASS 1H	32	82-NF5-228-010		SPR-C, LOCK
3	87-NF4-033-010		PANEL, CASS 2H	33	82-NF5-229-010		PLATE, LOCK
4	87-NF4-035-010		WINDOW, CASS 2	34	87-NF4-217-010		HLDR, LOCK 2
5	82-NF5-219-010		SPR-T, EJECT 2 (SIN)	35	87-NF4-052-010		CABI, REAR EZSTNE<EZ>
6	87-NF4-005-010		BOX, CASS 2	35	87-NF4-054-010		CABI, REAR KSTNE<K>
7	86-NF6-061-010		REFLECTOR, CASS	35	87-NF4-057-010		CABI, REAR VJSTNM<V>
8	87-NF4-004-010		BOX, CASS 1	36	87-085-185-010		BUSHING, AC CORD (E)
9	82-NF5-218-010		SPR-T, EJECT 1 (SIN)	37	87-050-016-010		AC CORD ASSY, E<EZ>
10	87-NF4-047-010		PANEL, FR EZ<EZ>	37	87-A80-023-010		AC CORD, ASSY K 3P W<K>
11	87-NF4-031-010		PANEL, FR H<K, V>	37	87-050-079-010		AC-CORD ASSY, E<V>
12	87-NF4-040-010		WINDOW, DISPLAY EZ<EZ>	38	87-NF4-082-010		CABI, STEEL ST UK<EZ, K>
13	87-NF4-077-010		WINDOW, DISPLAY K<K, V>	38	87-NF4-006-010		CABI, STEEL ST S<V>
14	87-NF4-080-010		PLATE, DISP<V>	39	86-NF6-007-010		WINDOW, TOP
15	87-NF4-042-010		PANEL, OPE	40	87-A90-463-010		FAN, 2408NL
16	87-NF4-036-010		KEY, DEMO	41	87-NF4-079-010		PLATE, FL J<V>
17	87-NF4-007-110		KEY, CD	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
18	87-NF4-028-010		KNOB, RTRY VOL	B	87-591-094-410		TAPPING SCREW, QIT+3-6
19	81-532-080-010		LABEL, CASS. COMPT	C	87-067-688-010		BVTT+3-6
20	87-063-165-010		OIL-DMPR 150	D	87-078-191-010		S-SCREW, IT+4-10
21	87-NF4-003-110		CABI, FR EZ<EZ>	E	87-723-096-410		QT2+3-10W/O SLOT BL
22	87-NF4-075-110		CABI, FR V<K, V>	F	87-067-758-010		BVT2+3-12 W/O SLOT
23	87-NF4-037-110		WINDOW, CD	G	87-067-633-010		TAPPING SCREW, BVT2+3-8
24	87-NF4-008-010		KEY, POWER	H	87-721-097-410		QT2+3-12 GLD
25	87-NF4-020-010		KEY, ASSY FUN	I	87-067-641-010		UTT2+3-8(W/O SLOT)BL
26	87-NF4-027-010		KEY, ASSY OPE	J	87-067-584-010		TAPPING SCREW, BVT2+3-6
27	87-NF4-009-010		KEY, GEQ	K	87-B10-090-010		BVIT3B+3-12 GOLD
28	87-NF4-010-010		KEY, BBE	L	87-751-104-410		VT2+3-30
29	87-NF4-013-010		KEY, RDS<EZ>	M	87-067-579-010		TAPPING SCREW, BVT2+3-8
30	87-NF4-012-010		KEY, DOLBY<K, V>				
31	87-NF4-044-010		KEY, VF<EZ>				
32	87-NF4-046-010		KEY, VF U<K, V>				
33	87-NF4-011-010		KEY, VOL				
34	82-NE6-067-010		BADGE, AIWA 30N				
35	87-NF4-029-010		PANEL, TRAY H				

SPRING APPLICATION POSITION



TAPE MECHANISM EXPLODED VIEW 1 / 1





TAPE MECHANISM PARTS LIST 1 / 1

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

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	82-ZM3-301-519		CHAS ASSY,M2	36	82-ZM1-236-019		CAPSTAN N 2-41.5
2	82-ZM1-258-110		SPR-T,PINCH L	37	82-ZM1-239-019		CAPSTAN N 2.2-41.7
3	82-ZM1-341-110		LVR ASSY,PINCH L2	38	82-ZM1-322-019		SPR-T,FR60
4	82-ZM1-333-010		PLATE, LINK 2	39	82-ZM1-220-219		GEAR, IDLER
5	82-ZM1-266-11K		LVR, DIR	40	82-ZM3-616-019		RING MAGNET 4
6	82-ZM1-214-010		SPR-T, DIR	41	82-ZM1-216-31K		GEAR, REEL
7	82-ZM1-206-81K		CHAS, HEAD	42	87-A90-319-010		HEAD, PH HADKH2 FPC
8	82-ZM3-307-019		CUSH-G, DIA3.7-8-3.2	42	87-A90-320-010		HEAD, RPH HADKH5 FPC
9	82-ZM1-269-219		SPR-T, BRG	43	82-ZM1-225-21K		GEAR, FR
10	82-ZM1-219-119		SPR-T, LINK	44	82-ZM1-226-019		GEAR, REW.
11	82-ZM1-210-119		GEAR, H T	45	82-ZM3-333-310		SLIP DISK ASSY 2
12	82-ZM1-213-019		SPR-T, HEAD	46	82-ZM1-338-010		BELT FR4
13	82-ZM1-207-619		GUIDE, TAPE	47	82-ZM1-349-110		FLY-WHL, R W(DECK 2)
14	86-ZM4-206-010		S-SCREW, AZIMUTH	47	82-ZM3-338-110		FLY-WHL, R3 W(DECK 1)
15	82-ZM1-314-119		PLATE, HEAD	48	82-ZM1-348-010		FLY-WHL, L W(DECK 2)
16	82-ZM1-208-119		HLDR, HEAD	48	82-ZM1-348-010		FLY-WHL, L W(DECK 1)
17	82-ZM1-218-019		SPR-E, HB	49	82-ZM3-329-210		BELT, SBU R2
18	82-ZM1-263-110		LVR, EJECT L (DECK 1)	50	82-ZM1-245-210		HLDR, IC
18	82-ZM1-264-010		LVR, EJECT R (DECK 2)	51	87-045-347-019		MOT, SHU2L 70(M1)
19	82-ZM1-222-21K		LVR, PLAY	52	82-ZM3-221-010		PULLEY, MOT 2M
20	82-ZM1-217-319		REEL TABLE	53	82-ZM1-288-019		SH, 1.63-3.2-0.5 SLT
21	82-ZM1-244-510		SPR-C, BT	54	80-ZM6-243-019		SH, 1.75-3.6-0.5 SLT
22	82-ZM1-285-310		SPR-C, BT L	55	82-ZM3-335-210		PULLEY, COUPLER M3(DECK 1)
23	82-ZM1-257-019		SPR-T, CAS	56	82-ZM3-337-010		BELT, SBU MOT 2
24	82-ZM1-241-319		LVR, MC	57	82-ZM3-339-010		SHAFT, COUPLER N3(DECK 1)
25	82-ZM1-242-019		LVR, CAS	58	86-ZM1-206-010		BELT, MAIN L
26	82-ZM1-243-019		LVR, STOP	59	82-ZM3-340-010		SH, BELT D2
27	82-ZM1-344-110		LVR ASSY, PINCH R2	A	85-ZM3-202-010		S-SCREW, TG
28	82-ZM1-259-110		SPR-T, PINCH R	B	80-ZM6-207-019		V+1.6-7
29	82-ZM1-240-11K		LVR, REC (DECK 2)	C	82-ZM3-318-019		S-SCRW MOTOR M2
31	82-ZM1-255-319		SPR-E, LVR DIR	D	87-B10-043-010		W-P, 0.99-4-0.25 SLT
32	82-ZM3-305-01K		GEAR, CAM M2	E	82-ZM3-334-010		PW, 2.16-6-0.4
33	82-ZM1-227-21K		LVR, TRIG				
34	82-ZM3-306-11K		LVR, FR M2				
35	82-ZM1-265-119		SPR-E, TRIG				

ACCESSORIES / PACKAGE LIST

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

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-NF4-906-010		IB, E(EGFSI) E<EZ>
1	87-NF4-905-010		IB, K(E) E<K>
1	87-NF4-907-010		IB, V(ERHPCH) M<V>
2	87-NB7-651-010		RC UNIT, RC-7AS08<EZ, K>
2	87-NF4-655-010		RC UNIT, RC-7AS08<V>
3	87-006-225-010		ANT, LOOP ANT NC2
4	87-043-106-010		WIRE, FM ANT(Z) <EZ, K>
4	87-A90-064-010		FEEDER-ANT, FM(SHS) <V>

REFERENCE NAME LIST

ELECTRICAL SECTION

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

MECHANICAL SECTION

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

サービス技術ニュース	
番号	連絡内容
G- -	
G- -	
G- -	

アイワ株式会社
AIWA CO.,LTD.

9420025, 750038

Tokyo Japan