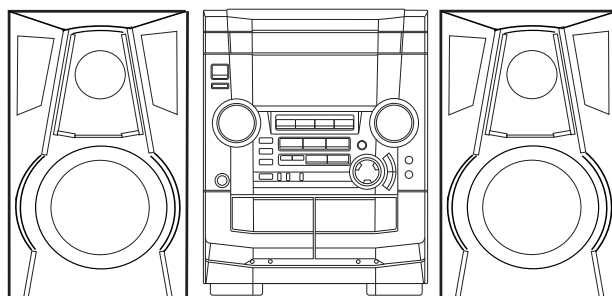




NSX-HMA56 U

NSX-DP55

LH,K,EZ



SERVICE MANUAL

CASSETTE DISC
STEREO CASSETTE RECORDER

BASIC TAPE MECHANISM : ZM-3, 2ZM-3MK2, 6ZM-3
BASIC CD MECHANISM : AZG-1

SYSTEM	CD CASSEIVER	DECK MECHANISM	CD MECHANISM	SPEAKER	REMOTE CONTROLLER
NSX-HMA56	CX-HMA56	U: ZM-3 PR1NM	USFD: AZG-1 YKZD8RDF AZG-1 YKZA3RDF USC: AZG-1 ZA8RDC USM,LH,EZ,K: AZG-1 ZA3RDM	U: SX-WNAJ50 SX-C605 SX-R275	RC-ZAS15
NSX-DP55	CX-DP55	LH: 2ZM-3MK2 PR4NM EZ,K: 2ZM-3MK2 PR4NM 6ZM-3 PR2NM	LH,EZ,K: AZG-1 ZA3RDM	LH: SX-NSZ52 SX-CR677 EZ,K: SX-NDP54 SX-CR677	

- This Service Manual is the "Revision Publishing" and replaces "Simple Manual" NSX-HMA56(U), NSX-DP55(EZ), (S/M Code No. 09-002-429-3T1 and 09-003-429-3T2).
- If requiring information about CD mechanism, see Service Manual of AZG-1, ZA3RDM/ YKZA3RDF(S/M Code No. 09-001-335-3NC), YKZD8RDF(S/M Code No. 09-001-335-3N6) and ZA8RDC(S/M Code No. 09-001-335-3NA).
- This Service manual does not include "Electrical adjustment", "IC BLOCK DIAGRAM" and "IC DESCRIPTION". These items will be issued in the next supplement.

aiwa

S/M Code No. 09-007-429-3R1

REVISION

DATA

SPECIFICATIONS

Main unit

FM tuner section

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	U,LH:13.2 dBf K,EZ:16.8 dBf
Antenna terminals	75 ohms (unbalanced)

AM Tuner section

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

LW Tuner section (K,EZ)

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

Amplifier section

Mid-high frequency amplifier <U only>

Power output	25W + 25W (200Hz-20kHz, THD less than 1%, 8 ohms)
Total harmonic distortion	0.1% (15 W,1kHz,8 ohms, DIN AUDIO)

Low frequency amplifier <U only>

Power output	75W + 75W (50Hz-200Hz, THD less than 1%, 6 ohms)
--------------	--

Power output

FRONT:
LH:
 Rated: 65W + 65W
 (6 ohms, T.H.D.1%, 1 kHz)
 Reference: 80W + 80W
 (6 ohms, T.H.D.10%, 1 kHz)
K,EZ:
 Rated: 80W + 80W
 (6 ohms, T.H.D.1%, 1 kHz/DIN 45500)
 Reference: 100W + 100W
 (6 ohms, T.H.D.10%, 1 kHz/DIN 45324)
EZ only:
 DIN MUSIC POWER: 165W + 165W
Rear (Surround)
U:
 25W + 25W (1kHz, THD less than 1%, 8 ohms)
K,EZ:
 Rated: 20W + 20W
 (8 ohms, T.H.D. 1%, 1kHz/DIN 45500)
 Reference: 25W + 25W (8 ohms, T.H.D. 10%, 1kHz/DIN 45324)
EZ only:
 DIN MUSIC POWER: 50W + 50W
LH:
 Rated: 20W + 20W (8 ohms, T.H.D. 1%, 1kHz)
 Reference: 25W + 25W (8 ohms, T.H.D. 10%, 1kHz)
Center
U:
 25W (1kHz, THD less than 1%, 8 ohms)
LH:
 20W (8 ohms, T.H.D.1%, 1kHz)
 Reference: 25W (8 ohms, T.H.D.10%, 1kHz)
K,EZ:
 Rated: 20W (8 ohms, T.H.D.1%, 1kHz/DIN 45500)
 Reference: 25W (8 ohms, T.H.D.10%, 1kHz/DIN 45324)
EZ only:
 DIN MUSIC POWER: 70W

Total harmonic distortion

U:
 0.1% (40 W,130Hz, 6 ohms,DIN AUDIO)
K,EZ:
 0.1% (40 W,1kHz, 6 ohms,DIN AUDIO/ Front)
LH:
 0.06% (35 W,1kHz,6 ohms,DIN AUDIO)
Inputs
 VIDEO/AUX : 300mV (adjustable)
 MIC : 1.0mV (10 k ohms)
Outputs
 SPEAKERS HIGH FREQ: U only
 accept speakers of 8 ohms or more
 SPEAKERS LOW FREQ: U only
 accept speakers of 6 ohms or more
 SPEAKERS: LH,K,EZ only
 accept speakers of 6 ohms or more
 SURROUND SPEAKERS:
 accept speakers of 8 ohms to 16 ohms
 CENTER SPEAKER:
 accept speakers of 8 ohms or more
 PHONES (stereo jack):
 accept headphones of 32 ohms or more
 SUB WOOFER: K,EZ only 1.9V

Cassette deck section

Track format	4 tracks, 2 channels stereo
Frequency response	50 Hz - 15000 Hz
Recording system	AC bias
Heads	Deck 1:Playback head x 1 Deck 2:Recording/playback head x 1, erase head x 1

Compact disc player section

Laser	Semiconductor laser (λ = 780 nm)
D/A converter	1 bit dual
Signal-to-noise ratio	85 dB (1 kHz, 0 dB)
Harmonic distortion	0.05 % (1 kHz, 0 dB)

General

Power requirements	U:120 V AC, 60 Hz LH:120 V/220 - 230 V/240V AC, switchable, 50/60 Hz K,EZ:230 V AC, 50 Hz
Power consumption	U:175 W LH:190 W K,EZ:200 W
Power consumption in standby mode	ECO OFF : 20 W ECO ON or ECO AUTO : 0.9 W
Dimensions (W x H x D)	260 x 326 x 395 mm (10 ¹ / ₄ x 12 ⁷ / ₈ x 15 ⁵ / ₈ in.)
Weight	U:10.0kg (22 lb 1 oz.) LH,K,EZ:10.5kg

Speaker system SX-WNAJ50 <U>

Speaker system	3way, Built-in subwoofer (magnetic shielded type)
Speaker unit	Subwoofer: 160 mm (6 ³ / ₈ in.) cone type Full range: 100 mm (4 in.) cone type Super tweeter: 20 mm (¹³ / ₈ in.) ceramic type 6 ohms/8 ohms 87 dB/W/m 240 x 324 x 271 mm (9 ¹ / ₂ x 12 ⁷ / ₈ x 10 ³ / ₄ in.) 4.8kg (10 lb 9 oz.)
Impedance	
Sensitivity	
Dimensions (W x H x D)	
Weight	

Speaker system SX-NSZ52 <LH>

Speaker system	3way, bass reflex (magnetic shielded type)
Speaker unit	Woofer: 140 mm cone type Tweeter: 60 mm cone type Super tweeter: 20 mm ceramic type
Impedance	6 ohms
Sensitivity	87 dB/W/m
Dimensions(W x H x D)	232 x 324 x 270 mm
Weight	4.0kg

Speaker system SX-NDP54 <K,EZ>

Speaker system	2way, bass reflex (magnetic shielded type)
Speaker unit	Woofer: 160 mm cone type Tweeter: 60 mm cone type
Impedance	6 ohms
Sensitivity	87 dB/W/m
Dimensions(W x H x D)	240 x 324 x 245 mm
Weight	4.4kg

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- Manufactured under license from Dolby Laboratories Licensing Corporation.
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ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NFV-903-110	IB, U (EFS) M<USM, USFD>	
1	8A-NFV-913-110	IB, U (EFS) B<USC>	
1	8A-NFV-902-010	IB, LH (ESP) M<LH>	
1	8A-NFV-905-010	IB, K (E) M<KSM>	
1	8A-NFV-915-010	IB, K (E) E<KSE>	
1	8A-NFV-906-010	IB, EZ (9L) E<EZSE>	
1	8A-NFV-916-010	IB, EZ (9L) M<EZSM>	
2	87-043-115-010	FEEDER-ANT, FM<U, LH>	
3	87-006-225-010	ANT, LOOP AM NC2	
3	87-006-268-010	ANT, LOOP AM<USFD>	
3	87-A90-030-010	ANT, LOOP AM-NC C<USC>	
4	87-A90-118-010	ANT, WIRE FM(Z) <K, EZ>	
△ 5	87-A91-017-010	PLUG, CONVERSION JT-0476<LH>	
6	8Z-NFV-704-010	RC UNIT, RC-ZAS15	

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 laserstrålning, 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

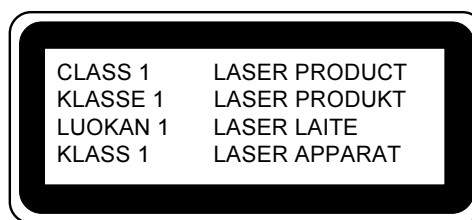
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

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.



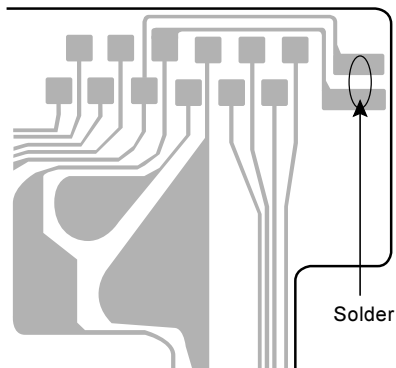
Precaution to replace Optical block

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

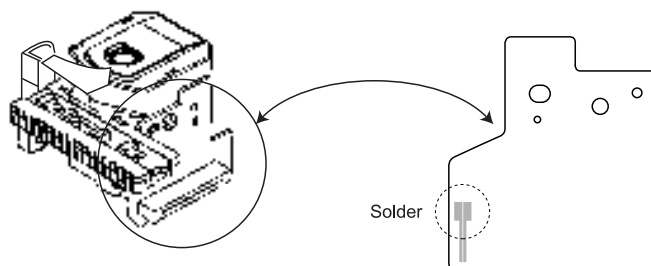
- 1) After the connection, remove solder shown in the right figure.

<KSS-213F>

PICKUP Assy P.C.B.



<KSM-880CAB>



NOTE ON BEFORE STARTING REPAIR

1. Forced discharge of electrolytic capacitor of power supply block

When repair is going to be attempted in the set that uses relay circuit in the power supply block, electric potential is kept charged across the electrolytic capacitors (C101, 102) even though AC power cord is removed. If repair is attempted in this condition, secondary defect can occur.

In order to prevent the secondary trouble, perform the following measures before starting repair work.

Discharge procedure

- ① Remove the AC power cord.
- ② Connect a discharging resistor at an end of lead wire that has clips at both ends. Connect the other end of the lead wire to metal chassis.
- ③ Contact the other end of the discharging resistor to the positive (+) side (+VH) of C101. (For two seconds)
- ④ Contact the same end of the discharging resistor as step ③ to the negative (-) side (-VH) of C102 in the same way. (For two seconds)
- ⑤ Check that voltage across C101 and C102 has decreased to 1 V or less using a multimeter or an oscilloscope.

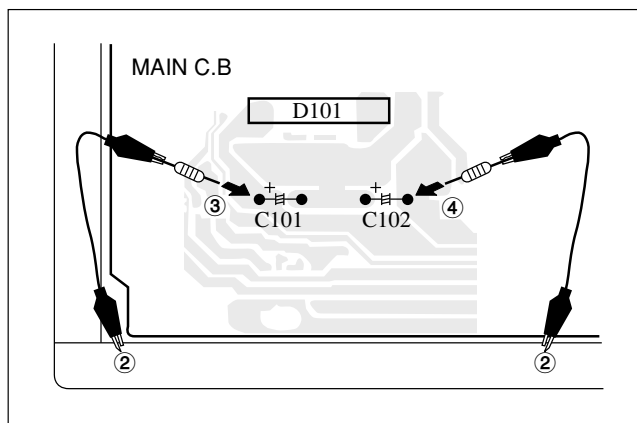


Fig-1

Select a discharging resistor referring to the following table.

Charging voltage (V) (C101, 102)	Discharging resistor (Ω)	Rated power (W)	Parts number
25-48	100	3	87-A00-247-090
49-140	220	5	87-A00-232-090

Note: The reference numbers (C101, C102) of the electrolytic capacitors can change depending on the models. Be sure to check the reference numbers of the charging capacitors on schematic diagram before starting the discharging work.

2. Check items before exchanging the MICROCOMPUTER

Be sure to check the following items before exchanging the MICROCOMPUTER. Exchange the MICROCOMPUTER after confirming that the MICROCOMPUTER is surely defective.

2-1. Regarding the HOLD terminal of the MICROCOMPUTER

When the HOLD terminal (INPUT) of the MICROCOMPUTER is “H”, the MICROCOMPUTER is judged to be operating correctly. When this terminal is “L”, the main power cannot be turned on. Therefore, be sure to check the terminal voltage of the HOLD terminal before exchange.

When the MICROCOMPUTER is not defective, the HOLD terminal can also go “L” when the POWER AMPLIFIER has any abnormalities that triggers the abnormality detection circuit on the MAIN C. B. that sets the HOLD terminal to “L”.

• Good or no good judgement of the MICROCOMPUTER

- ① Turn on the AC main power.
- ② Confirm that the main power is turned on and the HOLD terminal of the MICROCOMPUTER keeps the “H” level or not.
- ③ When the HOLD terminal is “L” level, the abnormality detection circuit is judged to be working correctly and the MICROCOMPUTER is judged to be good.

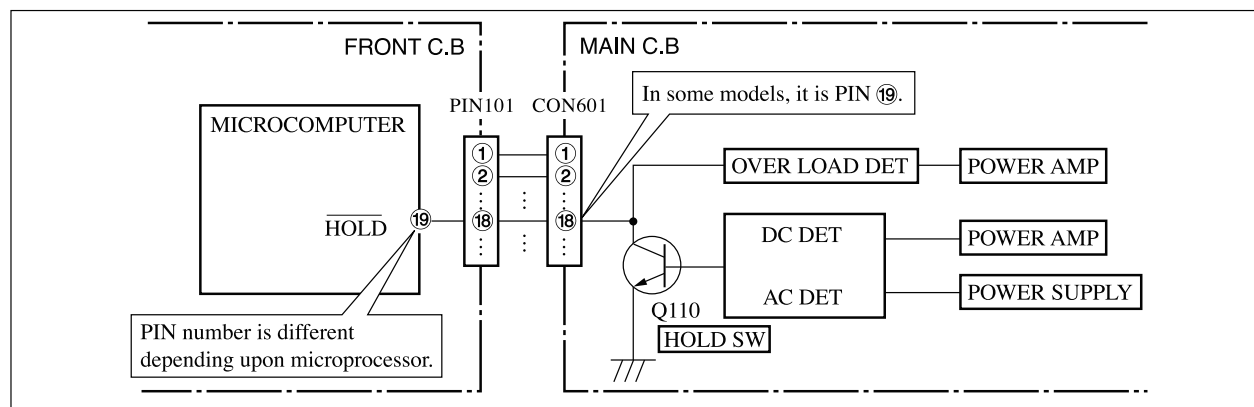


Fig-2-1

In such a case, check also if the POWER AMPLIFIER circuit or power supply circuit has any abnormalities or not.

2-2. Regarding reset

There are cases that the machine does not work correctly because the MICROCOMPUTER is not reset even though the AC power cord is re-inserted, or the software reset (pressing the STOP key + POWER key) is performed.

When the above described phenomenon occurs, it can lead to wrong judgement as if the MICROCOMPUTER is defective and to exchange the MICROCOMPUTER. In such a case, perform the forced-reset by the following procedure and check good or no good of the MICROCOMPUTER.

- ① Remove the AC power cord.

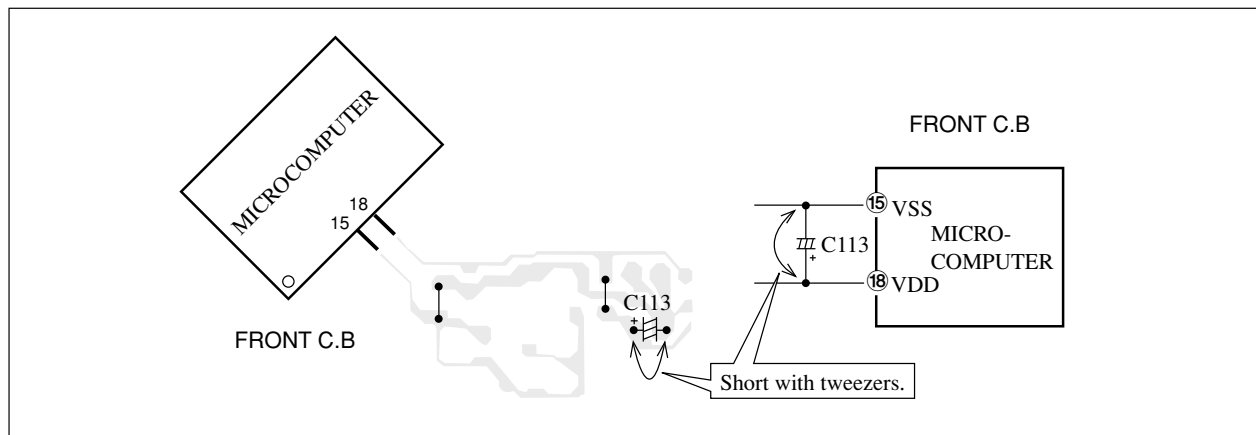


Fig-2-2

- ② Short both ends of the electrolytic capacitor C113 that is connected to VDD of the MICROCOMPUTER with tweezers.
- ③ Connect the AC power cord again. If the MICROCOMPUTER returns to the normal operation, the MICROCOMPUTER is good.

Note: The reference number or MICROCOMPUTER pin number of transistor (Q110) and electrolytic capacitor (C113) can change depending on the models. Be sure to check the reference numbers on schematic diagram before starting the discharging work.

2-3. Confirmation of soldering state of MICROCOMPUTER

Check the soldering state of the MICROCOMPUTER in addition to the above described procedures. Be sure to exchange the MICROCOMPUTER after surely confirming that the trouble is not caused by poor soldering but the MICROCOMPUTER itself.

ELECTRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C4	87-012-368-080		C-CAP,S 0.1-50 F
	87-020-454-010		IC, DN6851<LH, EZ, K>	C21	87-016-658-000		CAP,E 4700-35 M SMG
	87-A21-398-010		IC, STK490-110<U>	C22	87-016-658-000		CAP,E 4700-35 M SMG
	87-A21-355-010		IC, STK490-140<LH, EZ, K>	C25	87-010-406-080		CAP, ELECT 22-50
	8A-NFV-621-010		C-IC, LC866560W-5R03<LH>	C26	87-010-406-080		CAP, ELECT 22-50
	8A-NFV-620-010		C-IC, LC866560W-5P32<EZ, K, U>				
				C27	87-010-406-080		CAP, ELECT 22-50
	87-A21-396-010		IC, STK490-040<U>	C28	87-010-406-080		CAP, ELECT 22-50
	87-A21-629-010		IC, SPS-442-1-N	C31	87-010-263-080		CAP, ELECT 100-10V
	87-A20-783-040		C-IC, BA7762AFS	C32	87-010-197-080		CAP, CHIP 0.01 DM
	87-A21-097-040		C-IC, M62463AFP	C33	87-010-263-080		CAP, ELECT 100-10V<U>
	87-A21-023-040		C-IC, BA3835F				
				C34	87-010-260-080		CAP, ELECT 47-25V
	87-A21-452-030		C-IC, BD3876KS2	C35	87-010-406-080		CAP, ELECT 22-50
	87-070-289-040		IC, BU 2092F	C36	87-010-381-080		CAP, ELECT 330-16V
	87-A21-415-010		IC, LA1843	C38	87-010-409-080		CAP,E 220-50 SME
	87-A20-440-040		C-IC, BU1920FS<EZ, K>	C39	87-010-409-080		CAP,E 220-50 SME
	87-070-127-110		IC, LC72131 D				
				C40	87-010-197-080		CAP, CHIP 0.01 DM
	87-A21-269-010		IC, EW732<U>	C60	87-010-403-080		CAP, ELECT 3.3-50V
				C80	87-010-401-080		CAP, ELECT 1-50V<LH, EZ, K>
				C81	87-010-383-080		CAP, ELECT 33-25V<LH, EZ, K>
				C82	87-010-260-080		CAP, ELECT 47-25V<LH, EZ, K>
TRANSISTOR				C104	87-010-196-080		CHIP CAPACITOR, 0.1-25<U>
	87-026-463-080		TR, 2SA933S	C105	87-010-196-080		CHIP CAPACITOR, 0.1-25<U>
	87-026-245-080		TR, DTC114ES	C111	87-010-545-080		CAP, ELECT 0.22-50V<U>
	87-026-609-080		TR, KTA1266GR	C112	87-010-545-080		CAP, ELECT 0.22-50V<U>
	87-A30-198-080		TR, KTC3199GR	C113	87-010-545-080		CAP, ELECT 0.22-50V<U>
	89-213-702-010		TR, 2SB1370 (1.8W)				
				C114	87-010-545-080		CAP, ELECT 0.22-50V<U>
	87-026-610-080		TR, KTC3198GR	C115	87-010-546-080		CAP, ELECT 0.33-50V<U>
	87-A30-075-080		C-TR, 2SA1235F	C116	87-010-546-080		CAP, ELECT 0.33-50V<U>
	87-A30-318-080		TR, CSA952K	C121	87-010-546-080		CAP, ELECT 0.33-50V<U>
	87-A30-076-080		C-TR, 2SC3052F	C122	87-010-546-080		CAP, ELECT 0.33-50V<U>
	87-A30-107-070		C-TR, CMBT5401				
				C160	87-012-140-080		CAP 470P<LH, EZ, K>
	87-A30-269-040		C-FET, 2SJ461-T1<U>	C161	87-010-176-080		C-CAP,S 680P-50 SL<EZ, K>
	87-A30-106-040		C-TR, CMBT5551	C162	87-010-176-080		C-CAP,S 680P-50 SL<EZ, K>
	87-A30-087-080		C-FET, 2SK2158	C163	87-010-196-080		CHIP CAPACITOR, 0.1-25
	87-A30-074-080		C-TR, RT1P 141C	C171	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-495-080		TR, 2SA1981Y<K, U>				
				C172	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-329-080		TR, CD1585BC	C173	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-073-080		C-TR, RT1N 141C	C174	87-012-368-080		C-CAP,S 0.1-50 F
	87-A30-105-080		C-TR, RT1P 441C	C175	87-010-191-080		C-CAP,S 0.015-50 F<EZ, K>
	87-A30-086-040		C-TR, CSD1306E	C176	87-010-191-080		C-CAP,S 0.015-50 F<EZ, K>
	87-A30-202-080		C-TR, RT1P441C				
				C177	87-010-197-080		CAP, CHIP 0.01 DM<EZ, K>
	89-327-143-080		TR, 2SC2714 (0.1W)	C178	87-010-197-080		CAP, CHIP 0.01 DM<EZ, K>
	87-A30-072-080		C-TR, RT1P 144C	C301	87-010-318-080		C-CAP,S 47P-50 CH
	87-A30-086-070		C-TR, CSD1306E<EZ, K>	C302	87-010-318-080		C-CAP,S 47P-50 CH
	89-503-602-080		C-FET, 2SK360E<EZ, K>	C303	87-012-157-080		C-CAP,S 330P-50 CH
	87-A30-234-080		TR, CSC4115BC				
DIODE				C304	87-012-157-080		C-CAP,S 330P-50 CH
	87-017-654-060		DIODE, GBU6J	C305	87-012-157-080		C-CAP,S 330P-50 CH
	87-A40-548-090		DIODE, D3SBA20<LH, EZ, K>	C306	87-012-157-080		C-CAP,S 330P-50 CH
	87-020-465-080		DIODE, 1S133 (110MA)	C307	87-010-196-080		CHIP CAPACITOR, 0.1-25
	87-A40-553-080		DIODE, 1N4003 LES	C309	87-010-196-080		CHIP CAPACITOR, 0.1-25
	87-A40-776-080		ZENER, UZ27BSD				
				C310	87-010-196-080		CHIP CAPACITOR, 0.1-25
	87-A40-764-080		ZENER, UZ10BSC	C311	87-010-198-080		CAP, CHIP 0.022
	87-A40-547-090		DIODE, D5SBA20	C312	87-010-198-080		CAP, CHIP 0.022
	87-A40-313-080		C-DIODE, MC 2840	C313	87-010-180-080		C-CER 1500P<EZ, K, U>
	87-A40-270-080		C-DIODE, MC2838	C313	87-010-178-080		CHIP CAP 1000P<LH>
	87-A40-269-080		C-DIODE, MC2836				
				C314	87-010-180-080		C-CER 1500P<EZ, K, U>
	87-A40-768-080		ZENER, UZ16BSA	C314	87-010-178-080		CHIP CAP 1000P<LH>
	87-A40-752-080		ZENER, UZ6.2BSC	C315	87-010-182-080		C-CAP,S 2200P-50 B<EZ, K, U>
	87-A40-760-080		ZENER, UZ9.1BSA	C315	87-010-178-080		CHIP CAP 1000P<LH>
	87-A40-747-080		ZENER, UZ5.1BSB	C316	87-010-182-080		C-CAP,S 2200P-50 B<EZ, K, U>
	87-A40-802-080		ZENER, UZ5.1BSC				
				C316	87-010-178-080		CHIP CAP 1000P<LH>
	87-A40-745-080		ZENER, UZ4.7BSA	C321	87-012-142-080		CAP, S 0.33-16
	87-017-149-080		ZENER, HZS6A2L	C322	87-012-142-080		CAP, S 0.33-16
				C324	87-010-260-080		CAP, ELECT 47-25V
				C325	87-010-370-080		CAP,E 330-6.3 SME
				C327	87-010-404-080		CAP, ELECT 4.7-50V
				C328	87-010-404-080		CAP, ELECT 4.7-50V
				C332	87-010-196-080		CHIP CAPACITOR, 0.1-25
				C335	87-010-401-080		CAP, ELECT 1-50V
				C336	87-010-401-080		CAP, ELECT 1-50V
MAIN C.B							
C3	87-012-368-080		C-CAP,S 0.1-50 F				

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C337	87-010-196-080		CHIP CAPACITOR,0.1-25	C452	87-A10-802-080		C-CAP,S 0.047-16 J B CM
C339	87-010-196-080		CHIP CAPACITOR,0.1-25	C453	87-016-081-080		C-CAP,S 0.1-16 RK
C340	87-010-196-080		CHIP CAPACITOR,0.1-25	C454	87-016-081-080		C-CAP,S 0.1-16 RK
C351	87-012-140-080		CAP 470P	C455	87-A10-801-080		C-CAP,S 0.022-16 J B CM
C352	87-012-140-080		CAP 470P	C456	87-A10-801-080		C-CAP,S 0.022-16 J B CM
C354	87-010-175-080		CAP 560P	C457	87-016-081-080		C-CAP,S 0.1-16 RK
C355	87-010-178-080		CHIP CAP 1000P	C489	87-010-545-080		CAP, ELECT 0.22-50V
C356	87-010-260-080		CAP, ELECT 47-25V	C492	87-010-545-080		CAP, ELECT 0.22-50V
C357	87-010-197-080		CAP, CHIP 0.01 DM	C531	87-010-405-080		CAP, ELECT 10-50V
C358	87-010-183-080		C-CAP,S 2700P-50 B	C532	87-010-196-080		CHIP CAPACITOR,0.1-25
C359	87-010-183-080		C-CAP,S 2700P-50 B	C533	87-010-196-080		CHIP CAPACITOR,0.1-25
C360	87-010-183-080		C-CAP,S 2700P-50 B	C534	87-012-156-080		C-CAP,S 220P-50 CH
C370	87-010-196-080		CHIP CAPACITOR,0.1-25	C535	87-010-178-080		CHIP CAP 1000P
C373	87-A11-177-080		C-CAP,S 0.15-16 K B	C536	87-010-196-080		CHIP CAPACITOR,0.1-25
C374	87-A11-177-080		C-CAP,S 0.15-16 K B	C541	87-010-178-080		CHIP CAP 1000P
C378	87-010-196-080		CHIP CAPACITOR,0.1-25	C609	87-010-181-080		CAP,CHIP S 1800P
C379	87-010-382-080		CAP, ELECT 22-25V	C610	87-010-181-080		CAP,CHIP S 1800P
C380	87-010-382-080		CAP, ELECT 22-25V	C611	87-010-598-080		C-CAP,S 0.068-16VRK
C386	87-010-196-080		CHIP CAPACITOR,0.1-25	C612	87-010-369-080		C-CAP,S 0.033-25 K B
C388	87-012-156-080		C-CAP,S 220P-50 CH	C613	87-010-197-080		CAP, CHIP 0.01 DM
C391	87-010-319-080		C-CAP,S 56P-50 CH	C614	87-016-081-080		C-CAP,S 0.1-16 RK
C392	87-010-319-080		C-CAP,S 56P-50 CH	C616	87-010-184-080		CHIP CAPACITOR 3300P(K)
C393	87-010-319-080		C-CAP,S 56P-50 CH	C617	87-010-194-080		CAP, CHIP 0.047
C394	87-010-319-080		C-CAP,S 56P-50 CH	C618	87-010-401-080		CAP, ELECT 1-50V
C401	87-010-176-080		C-CAP,S 680P-50 SL	C619	87-010-263-080		CAP, ELECT 100-10V
C402	87-010-176-080		C-CAP,S 680P-50 SL	C620	87-016-081-080		C-CAP,S 0.1-16 RK
C403	87-010-958-080		CHIP -CAP,S 0.01-25BJ	C621	87-010-197-080		CAP, CHIP 0.01 DM
C404	87-010-958-080		CHIP -CAP,S 0.01-25BJ	C623	87-010-401-080		CAP, ELECT 1-50V
C405	87-010-958-080		CHIP -CAP,S 0.01-25BJ	C624	87-010-401-080		CAP, ELECT 1-50V
C406	87-010-958-080		CHIP -CAP,S 0.01-25BJ	C626	87-010-596-080		CAP, S 0.047-16
C407	87-010-401-080		CAP, ELECT 1-50V	C627	87-010-400-080		CAP, ELECT 0.47-50V
C408	87-010-401-080		CAP, ELECT 1-50V	C628	87-010-400-080		CAP, ELECT 0.47-50V
C409	87-010-196-080		CHIP CAPACITOR,0.1-25<LH,U>	C629	87-010-596-080		CAP, S 0.047-16
C409	87-010-197-080		CAP, CHIP 0.01 DM<EZ,K>	C630	87-010-263-080		CAP, ELECT 100-10V
C410	87-010-112-080		CAP, ELECT 100-16V	C631	87-010-185-080		C-CAP,S 3900P-50 B
C411	87-010-400-080		CAP, ELECT 0.47-50V	C632	87-010-185-080		C-CAP,S 3900P-50 B
C412	87-010-400-080		CAP, ELECT 0.47-50V	C634	87-010-196-080		CHIP CAPACITOR,0.1-25
C413	87-010-400-080		CAP, ELECT 0.47-50V	C635	87-A10-307-080		CAP,M 0.1-50 J
C414	87-010-401-080		CAP, ELECT 1-50V	C636	87-A10-307-080		CAP,M 0.1-50 J
C417	87-010-221-080		CAP, ELECT 470-10V	C637	87-A10-307-080		CAP,M 0.1-50 J
C418	87-A10-891-080		CAP,E 4.7-25 SME(K)	C638	87-A10-307-080		CAP,M 0.1-50 J
C419	87-A10-800-080		C-CAP,S 6800P-16 J B CM	C639	87-010-405-080		CAP, ELECT 10-50V
C420	87-010-374-080		CAP, ELECT 47-10V	C643	87-010-196-080		CHIP CAPACITOR,0.1-25
C421	87-010-196-080		CHIP CAPACITOR,0.1-25<LH,U>	C644	87-010-401-080		CAP, ELECT 1-50V
C421	87-010-197-080		CAP, CHIP 0.01 DM<EZ,K>	C671	87-010-322-080		C-CAP,S 100P-50 CH
C422	87-A10-804-080		C-CAP,S 0.1-25 J B	C672	87-010-322-080		C-CAP,S 100P-50 CH
C424	87-010-374-080		CAP, ELECT 47-10V	C673	87-010-197-080		CAP, CHIP 0.01 DM
C425	87-010-196-080		CHIP CAPACITOR,0.1-25	C679	87-010-196-080		CHIP CAPACITOR,0.1-25
C429	87-010-544-080		CAP, ELECT 0.1-50V	C680	87-010-190-080		S CHIP F 0.01
C430	87-A10-201-080		C-CAP,S0.33-16 KB	C682	87-010-196-080		CHIP CAPACITOR,0.1-25
C431	87-010-971-080		C-CAP,S 4700P-50 B J	C685	87-010-190-080		S CHIP F 0.01
C432	87-012-349-080		C-CAP,S 1000P-50 CH	C771	87-010-263-080		CAP, ELECT 100-10V
C433	87-A11-183-080		C-CAP,S 0.12-16 J B	C772	87-010-197-080		CAP, CHIP 0.01 DM
C434	87-A11-182-080		C-CAP,S 0.27-16 J B	C779	87-010-426-080		C-CAP,S 0.012-25 B<LH,U>
C435	87-A11-182-080		C-CAP,S 0.27-16 J B	C779	87-010-188-080		CAP,CHIP 6800P<EZ,K>
C437	87-010-971-080		C-CAP,S 4700P-50 B J	C780	87-010-426-080		C-CAP,S 0.012-25 B<LH,U>
C438	87-012-349-080		C-CAP,S 1000P-50 CH	C780	87-010-188-080		CAP,CHIP 6800P<EZ,K>
C439	87-010-805-080		CAP, S 1-16	C782	87-010-197-080		CAP, CHIP 0.01 DM
C440	87-010-401-080		CAP, ELECT 1-50V	C783	87-010-197-080		CAP, CHIP 0.01 DM
C441	87-A10-799-080		C-CAP,S 5600P-16 J B CM	C784	87-010-197-080		CAP, CHIP 0.01 DM
C442	87-A10-802-080		C-CAP,S 0.047-16 J B CM	C785	87-010-197-080		CAP, CHIP 0.01 DM
C443	87-A10-229-080		C-CAP,S 0.68-10 K W5	C786	87-010-197-080		CAP, CHIP 0.01 DM
C444	87-012-393-080		C-CAP,S 0.22-16 R K	C788	87-010-149-080		C-CAP,S 5P-50 CH
C445	87-012-393-080		C-CAP,S 0.22-16 R K	C789	87-A10-592-080		C-CAP,S 0.015-50 J B
C446	87-010-404-080		CAP, ELECT 4.7-50V	C790	87-A10-592-080		C-CAP,S 0.015-50 J B
C447	87-010-404-080		CAP, ELECT 4.7-50V	C791	87-010-196-080		CHIP CAPACITOR,0.1-25
C448	87-012-393-080		C-CAP,S 0.22-16 R K	C792	87-010-197-080		CAP, CHIP 0.01 DM
C449	87-012-393-080		C-CAP,S 0.22-16 R K	C793	87-010-404-080		CAP, ELECT 4.7-50V
C450	87-016-081-080		C-CAP,S 0.1-16 RK	C794	87-012-155-080		C-CAP 180P-50CH<EZ,K>
C451	87-A10-802-080		C-CAP,S 0.047-16 J B CM	C795	87-010-197-080		CAP, CHIP 0.01 DM

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C796	87-010-197-080	CAP,	CHIP 0.01 DM	C983	87-010-197-080	CAP,	CHIP 0.01 DM
C797	87-010-405-080	CAP,	ELECT 10-50V	C984	87-010-197-080	CAP,	CHIP 0.01 DM
C798	87-010-197-080	CAP,	CHIP 0.01 DM	C985	87-010-322-080	C-CAP,S	100P-50 CH<EZ,K>
C799	87-010-407-080	CAP,	ELECT 33-50V	C987	87-010-197-080	CAP,	CHIP 0.01 DM
C800	87-010-194-080	CAP,	CHIP 0.047	C989	87-010-197-080	CAP,	CHIP 0.01 DM<EZ,K>
C801	87-010-403-080	CAP,	ELECT 3.3-50V	C991	87-010-312-080	C-CAP,S	15P-50 CH
C802	87-010-194-080	CAP,	CHIP 0.047	C992	87-010-312-080	C-CAP,S	15P-50 CH
C803	87-010-198-080	CAP,	CHIP 0.022	C993	87-010-178-080	CHIP CAP	1000P
C804	87-010-263-080	CAP,	ELECT 100-10V	C995	87-010-178-080	CHIP CAP	1000P
C807	87-010-400-080	CAP,	ELECT 0.47-50V	C997	87-010-196-080	CHIP CAPACITOR,	0.1-25
C808	87-010-401-080	CAP,	ELECT 1-50V	C998	87-010-260-080	CAP,	ELECT 47-25V
C809	87-010-401-080	CAP,	ELECT 1-50V	C999	87-A11-155-080	CAP,TC U	0.01-16 Z F
C810	87-010-196-080	CHIP	CAPACITOR,0.1-25	CF831	87-008-423-010	CERAMIC FILTER,	SFE10.7<EZ,K>
C811	87-010-403-080	CAP,	ELECT 3.3-50V	CF831	87-008-261-010	FILTER,	SFE10.7MA5-A<LH,U>
C812	87-010-403-080	CAP,	ELECT 3.3-50V	CF832	82-785-747-010	CF MS2 GHY	R<EZ,K>
C814	87-010-197-080	CAP,	CHIP 0.01 DM	CF832	87-008-261-010	FILTER,	SFE10.7MA5-A<LH,U>
C815	87-010-400-080	CAP,	ELECT 0.47-50V	CN1	87-A60-996-010	CONN,13P V BLK TAC-L13X-A3	
C816	87-010-400-080	CAP,	ELECT 0.47-50V	CN91	87-A60-109-010	CONN,2P V S2M-2W<LH,EZ,K>	
C818	87-010-180-080	C-CER	1500P<EZ,K>	CN101	87-A60-996-010	CONN,13P V BLK TAC-L13X-A3	
C821	87-010-405-080	CAP,	ELECT 10-50V	CN301	87-099-827-010	CONN,3P S2M-3W	
C823	87-012-349-080	C-CAP,S	1000P-50 CH<EZ,K>	CN351	87-099-832-010	CONN,8P S2M-8W	
C823	87-010-177-080	C-CAP,S	820P-50 SL<LH,U>	CN601	87-099-719-010	CONN,30P TYK-B(X)	
C824	87-010-404-080	CAP,	ELECT 4.7-50V<LH,K,U>	CN602	87-099-194-010	CONN,6P 6216V	
C824	87-010-405-080	CAP,	ELECT 10-50V<EZ>	CNA1	8A-NF8-653-010	CONN ASSY,9P TID-A(480)	
C825	87-010-596-080	CAP,	S 0.047-16	CNA2	8A-NF6-630-010	CONN ASSY,3P (VM) ANF-6<LH,EZ,K>	
C831	87-010-406-080	CAP,	ELECT 22-50<EZ,K>	FB162	87-008-474-080	F-BEAD,EMI BL02RN1<EZ,K>	
C842	87-010-197-080	CAP,	CHIP 0.01 DM	FB301	87-008-372-080	FILTER,EMI BL01 RN1<EZ,K>	
C843	87-010-197-080	CAP,	CHIP 0.01 DM	FFE831	A8-62A-191-130	62A-1 FEENM<EZ,K>	
C844	87-010-197-080	CAP,	CHIP 0.01 DM	FFC602	88-906-251-110	FF-CABLE,6P 1.25	
C845	87-010-197-080	CAP,	CHIP 0.01 DM	FFE831	A8-82A-190-030	82A-1 FEUNM<LH,U>	
C846	87-010-197-080	CAP,	CHIP 0.01 DM	J102	87-A60-238-010	TERMINAL,SP 4P (MSC)	
C847	87-010-197-080	CAP,	CHIP 0.01 DM	J103	87-A60-483-010	JACK,DIA6.3 BLK ST W/S KM	
C848	87-010-197-080	CAP,	CHIP 0.01 DM	J604	87-A60-881-010	JACK,PIN 2P MSP 242V05 PBSN	
C849	87-010-197-080	CAP,	CHIP 0.01 DM	J831	87-A60-202-010	TERMINAL,ANT 4P MSP-154V-02<LH,U>	
C850	87-010-260-080	CAP,	ELECT 47-25V	J832	87-A60-403-010	TERMINAL,ANT 2P HSP-312V05<EZ,K>	
C851	87-010-197-080	CAP,	CHIP 0.01 DM	JW416	87-008-372-080	FILTER,EMI BL01 RN1<EZ,K>	
C852	87-010-197-080	CAP,	CHIP 0.01 DM	L101	87-003-383-010	COIL,1UH-K	
C853	87-010-197-080	CAP,	CHIP 0.01 DM	L102	87-003-383-010	COIL,1UH-K	
C858	87-010-196-080	CHIP	CAPACITOR,0.1-25	L301	87-A50-049-010	COIL,TRAP 85K(COI)	
C859	87-010-196-080	CHIP	CAPACITOR,0.1-25	L302	87-A50-049-010	COIL,TRAP 85K(COI)	
C860	87-010-197-080	CAP,	CHIP 0.01 DM	L351	87-007-342-010	COIL,OSC 85K BIAS	
C869	87-010-197-080	CAP,	CHIP 0.01 DM<EZ,K>	L801	87-A50-540-010	COIL,FM DET-N(TOK)	
C871	87-012-156-080	C-CAP,S	220P-50 CH<EZ,K>	L802	87-A91-551-010	FLTR,PCFJZH-450 L(TOK)	
C872	87-012-156-080	C-CAP,S	220P-50 CH<EZ,K>	L811	87-005-847-080	COIL,2.2UH(CECS)	
C873	87-012-140-080	CAP	470P<EZ,K>	L832	87-005-847-080	COIL,2.2UH(CECS)	
C874	87-010-405-080	CAP,	ELECT 10-50V<EZ,K>	L861	87-005-847-080	COIL,2.2UH(CECS)<EZ,K>	
C875	87-010-196-080	CHIP	CAPACITOR,0.1-25<EZ,K>	L941	87-A50-020-010	COIL,ANT LW(COI)<EZ,K>	
C876	87-010-405-080	CAP,	ELECT 10-50V<EZ,K>	L942	87-A50-019-010	COIL,OSC LW(COI)<EZ,K>	
C877	87-010-197-080	CAP,	CHIP 0.01 DM<EZ,K>	L951	8A-NF8-668-010	COIL,AM PACK 2(TOK)<EZ,K>	
C878	87-010-316-080	C-CAP,S	33P-50 CH<EZ,K>	L951	8A-NF8-667-010	COIL,AM PACK 4(TOK)<LH,U>	
C879	87-010-314-080	C-CAP,S	22P-50V<EZ,K>	SFR351	87-A90-433-080	SFR,50K H NVZ6TLTA	
C940	87-010-197-080	CAP,	CHIP 0.01 DM<EZ,K>	SFR352	87-A90-433-080	SFR,50K H NVZ6TLTA	
C942	87-010-149-080	C-CAP,S	5P-50 CH<EZ,K>	TC942	87-011-253-080	TRIMER,30P LAR<EZ,K>	
C947	87-010-197-080	CAP,	CHIP 0.01 DM<EZ,K>	WH1	87-A90-510-010	HLDR,WIRE 2.5-9P	
C948	87-012-140-080	CAP	470P<EZ,K>	X861	87-A70-091-010	VIB,XTAL 4.332MHZ CSA-309<EZ,K>	
C952	87-010-197-080	CAP,	CHIP 0.01 DM<EZ,K>	X991	87-A70-061-010	VIB,XTAL 4.500MHZ CSA-309	
C957	87-010-311-080	CAP	12P<EZ,K>	R161	87-A00-439-050	RES,180-1/2W J RP<EZ,K,U>	
C958	87-010-197-080	CAP,	CHIP 0.01 DM<EZ,K>	R161	87-A00-440-050	RES,220-1/2W J RP<LH>	
C959	87-010-196-080	CHIP	CAPACITOR,0.1-25	R162	87-A00-439-050	RES,180-1/2W J RP<EZ,K,U>	
C960	87-010-196-080	CHIP	CAPACITOR,0.1-25	R162	87-A00-440-050	RES,220-1/2W J RP<LH>	
C961	87-010-152-080	C-CAP,S	8P-50 CH<LH,U>	R163	87-A00-439-050	RES,180-1/2W J RP<EZ,K,U>	
C962	87-010-401-080	CAP,	ELECT 1-50V<EZ,K>	R163	87-A00-440-050	RES,220-1/2W J RP<LH>	
C963	87-015-785-080	CHIP	CAPACITOR, 0.1FZ-25Z	R164	87-A00-439-050	RES,180-1/2W J RP<EZ,K,U>	
C971	87-010-381-080	CAP,	ELECT 330-16V	R164	87-A00-440-050	RES,220-1/2W J RP<LH>	
C972	87-010-404-080	CAP,	ELECT 4.7-50V	R407	87-022-214-080	C-RES S100K-1/10WF	
C973	87-010-197-080	CAP,	CHIP 0.01 DM	R790	87-010-197-080	CAP,	CHIP 0.01 DM
C974	87-010-197-080	CAP,	CHIP 0.01 DM	R991	87-010-322-080	C-CAP,S	100P-50 CH
C979	87-010-322-080	C-CAP,S	100P-50 CH	R992	87-010-322-080	C-CAP,S	100P-50 CH
C981	87-010-260-080	CAP,	ELECT 47-25V	R993	87-010-322-080	C-CAP,S	100P-50 CH
C982	87-010-196-080	CHIP	CAPACITOR,0.1-25				

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
FRONT C.B			
C201	87-010-322-080	C-CAP,S	100P-50 CH
C202	87-010-322-080	C-CAP,S	100P-50 CH
C203	87-010-322-080	C-CAP,S	100P-50 CH
C204	87-010-322-080	C-CAP,S	100P-50 CH
C205	87-010-322-080	C-CAP,S	100P-50 CH
C206	87-010-322-080	C-CAP,S	100P-50 CH
C207	87-010-322-080	C-CAP,S	100P-50 CH
C208	87-010-322-080	C-CAP,S	100P-50 CH
C209	87-010-322-080	C-CAP,S	100P-50 CH
C210	87-010-322-080	C-CAP,S	100P-50 CH
C211	87-010-322-080	C-CAP,S	100P-50 CH
C251	87-010-405-040	CAP,E	10-50
C253	87-010-196-080	CHIP CAPACITOR,0.1-25	
C254	87-012-369-080	C-CAP,S	0.047-50F
C255	87-010-560-040	CAP,E	10-50 GAS
C256	87-010-405-040	CAP,E	10-50
C259	87-010-405-040	CAP,E	10-50
C264	87-018-209-080	CAP, CER	0.1-50V
C273	87-010-178-080	CHIP CAP	1000P
C274	87-010-178-080	CHIP CAP	1000P
C301	87-010-182-080	C-CAP,S	2200P-50 B
C302	87-010-196-080	CHIP CAPACITOR,0.1-25	
C312	87-010-498-040	CAP,E	10-16 GAS
C314	87-010-196-080	CHIP CAPACITOR,0.1-25	
C315	87-010-196-080	CHIP CAPACITOR,0.1-25	
C316	87-010-196-080	CHIP CAPACITOR,0.1-25	
C321	87-012-393-080	C-CAP,S	0.22-16 R K
C322	87-010-400-040	CAP,E	0.47-50
C325	87-A10-189-040	CAP,E	220-10
C326	87-A10-189-040	CAP,E	220-10
C332	87-010-178-080	CHIP CAP	1000P
C334	87-010-312-080	C-CAP,S	15P-50 CH
C335	87-012-140-080	CAP	470P
C336	87-012-155-080	C-CAP	180P-50CH
C339	87-012-156-080	C-CAP,S	220P-50 CH
C340	87-010-197-080	CAP, CHIP	0.01 DM
C341	87-010-194-080	CAP, CHIP	0.047
C351	87-010-382-040	CAP,E	22-25 SME
C401	87-010-197-080	CAP, CHIP	0.01 DM
C451	87-010-196-080	CHIP CAPACITOR,0.1-25	
C452	87-010-196-080	CHIP CAPACITOR,0.1-25	
C453	87-010-196-080	CHIP CAPACITOR,0.1-25	
C454	87-010-198-080	CAP, CHIP	0.022
C455	87-010-198-080	CAP, CHIP	0.022
C502	87-010-186-080	CAP,CHIP	4700P
C503	87-010-112-040	CAP,E	100-16
C504	87-010-405-040	CAP,E	10-50
C505	87-010-545-040	CAP,E	0.22-50 SME
C506	87-010-320-080	CHIP CAP	68P
C513	87-010-196-080	CHIP CAPACITOR,0.1-25	
C514	87-010-196-080	CHIP CAPACITOR,0.1-25	
C515	87-010-178-080	CHIP CAP	1000P
C602	87-010-322-080	C-CAP,S	100P-50 CH
C603	87-010-322-080	C-CAP,S	100P-50 CH
C604	87-010-322-080	C-CAP,S	100P-50 CH
C650	87-010-196-080	CHIP CAPACITOR,0.1-25	
C699	87-010-196-080	CHIP CAPACITOR,0.1-25	
CN101	87-099-720-010	CONN,30P	TYK-B(P)
CN102	87-099-015-010	CONN,13P	6216V
CN301	87-A60-140-010	CONN,15P	V FE<LH>
CN302	87-A60-136-010	CONN,11P	V FE<EZ,K,U>
FB301	87-008-372-080	FILTER, EMI	BL01 RN1
FB501	87-008-372-080	FILTER, EMI	BL01 RN1
FFC104	88-911-101-110	FF-CABLE,11P	1.25<U,EZ,K>
FFC104	88-915-101-110	FF-CABLE,15P	1.25<LH>
FFC731	88-913-301-110	FF-CABLE,13P	1.25
FL401	8A-NF8-601-010	FL,HNA-11MM30	(ANF-8)
J501	87-A61-242-010	JACK,6.3	BLK MONO W/SW V KM

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
L331	87-A50-408-010		COIL, OSC 5.76MHZ
LED311	87-A40-589-040		LED,SLR-56VCT31 RED
LED601	87-A40-803-010		LED,SELUIE10CXM-S LF38 BLUE
LED602	87-A40-619-080		LED,SLR-56PT-TE7-W GRN
LED603	87-A40-619-080		LED,SLR-56PT-TE7-W GRN
LED604	87-A40-619-080		LED,SLR-56PT-TE7-W GRN<LH,EZ,K>
LED605	87-A40-619-080		LED,SLR-56PT-TE7-W GRN<U>
LED606	87-A40-619-080		LED,SLR-56PT-TE7-W GRN<EZ,K>
LED607	87-A40-619-080		LED,SLR-56PT-TE7-W GRN
LED608	87-A40-619-080		LED,SLR-56PT-TE7-W GRN
LED609	87-A40-589-040		LED,SLR-56VCT31 RED
S401	87-A91-024-180		SW,TACT KSHG611BT
S402	87-A91-024-180		SW,TACT KSHG611BT
S403	87-A91-024-180		SW,TACT KSHG611BT
S404	87-A91-024-180		SW,TACT KSHG611BT
S405	87-A91-024-180		SW,TACT KSHG611BT
S406	87-A91-024-180		SW,TACT KSHG611BT
S407	87-A91-024-180		SW,TACT KSHG611BT
S408	87-A91-024-180		SW,TACT KSHG611BT
S409	87-A91-024-180		SW,TACT KSHG611BT
S410	87-A91-024-180		SW,TACT KSHG611BT
S411	87-A91-024-180		SW,TACT KSHG611BT
S412	87-A91-024-180		SW,TACT KSHG611BT
S413	87-A91-024-180		SW,TACT KSHG611BT
S414	87-A91-024-180		SW,TACT KSHG611BT
S415	87-A91-024-180		SW,TACT KSHG611BT
S416	87-A91-024-180		SW,TACT KSHG611BT
S417	87-A91-024-180		SW,TACT KSHG611BT
S418	87-A91-024-180		SW,TACT KSHG611BT
S419	87-A91-024-180		SW,TACT KSHG611BT
S420	87-A91-024-180		SW,TACT KSHG611BT<LH,EZ,K>
S421	87-A91-024-180		SW,TACT KSHG611BT<EZ,K>
S422	87-A91-024-180		SW,TACT KSHG611BT<EZ,K>
S425	87-A91-024-180		SW,TACT KSHG611BT
S426	87-A91-024-180		SW,TACT KSHG611BT
S427	87-A91-024-180		SW,TACT KSHG611BT
S428	87-A91-024-180		SW,TACT KSHG611BT
S429	87-A91-024-180		SW,TACT KSHG611BT
S430	87-A91-024-180		SW,TACT KSHG611BT
S431	87-A91-024-180		SW,TACT KSHG611BT
S432	87-A91-024-180		SW,TACT KSHG611BT
S433	87-A91-024-180		SW,TACT KSHG611BT
S434	87-A91-024-180		SW,TACT KSHG611BT
S435	87-A91-024-180		SW,TACT KSHG611BT
SW252	87-A91-555-010		SW,RTRY EC12E24504
SW253	87-A91-542-010		SW,RTRY EC12E12504
AMP 1F C.B			
C101	87-010-184-080		CHIP CAPACITOR 3300P(K)<LH,EZ,K>
C101	87-010-181-080		CAP,CHIP S 1800P<U>
C102	87-010-184-080		CHIP CAPACITOR 3300P(K)<LH,EZ,K>
C102	87-010-181-080		CAP,CHIP S 1800P<U>
C103	87-010-545-080		CAP, ELECT 0.22-50V
C104	87-010-545-080		CAP, ELECT 0.22-50V
C105	87-010-186-080		CAP,CHIP 4700P<LH,EZ,K>
C106	87-010-186-080		CAP,CHIP 4700P<LH,EZ,K>
C107	87-010-404-080		CAP, ELECT 4.7-50V<LH,EZ,K>
C107	87-010-405-080		CAP, ELECT 10-50V<U>
C108	87-010-404-080		CAP, ELECT 4.7-50V<LH,EZ,K>
C108	87-010-405-080		CAP, ELECT 10-50V<U>
C111	87-010-179-080		CAP,CHIP S B1200P
C112	87-010-179-080		CAP,CHIP S B1200P
C113	87-010-405-080		CAP, ELECT 10-50V
C114	87-010-405-080		CAP, ELECT 10-50V
C115	87-010-866-080		CAP, ELECT 10-63<LH,EZ,K>
C115	87-A12-180-080		CAP,E 10-63 M 105 KME<U>
C116	87-010-866-080		CAP, ELECT 10-63<LH,EZ,K>
C116	87-A12-180-080		CAP,E 10-63 M 105 KME<U>

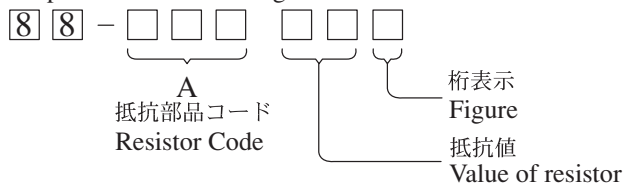
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C117	87-010-196-080		CHIP CAPACITOR,0.1-25<EZ,K>	AMP P-LOGIC<U>			
C119	87-010-197-080		CAP, CHIP 0.01 DM	C101	87-010-181-080		CAP,CHIP S 1800P<U>
C120	87-010-197-080		CAP, CHIP 0.01 DM	C102	87-010-181-080		CAP,CHIP S 1800P<U>
C133	87-010-190-080		CAP,S 0.01-50 Z F C2912	C103	87-010-400-080		CAP, ELECT 0.47-50V<U>
C153	87-010-188-080		CAP,CHIP 6800P	C104	87-010-400-080		CAP, ELECT 0.47-50V<U>
				C105	87-010-184-080		CHIP CAPACITOR 3300P(K)<U>
C201	87-A10-300-080		CAP,M 0.027-50 J<U>	C106	87-010-184-080		CHIP CAPACITOR 3300P(K)<U>
C202	87-A10-300-080		CAP,M 0.027-50 J<U>	C107	87-010-405-080		CAP, ELECT 10-50V<U>
C203	87-A10-300-080		CAP,M 0.027-50 J<U>	C108	87-010-405-080		CAP, ELECT 10-50V<U>
C204	87-A10-300-080		CAP,M 0.027-50 J<U>	C111	87-010-179-080		CAP,CHIP S B1200P<U>
C205	87-010-180-080		C-CER 1500P<U>	C112	87-010-179-080		CAP,CHIP S B1200P<U>
C205	87-010-181-080		CAP,CHIP S 1800P<LH,EZ,K>				
C206	87-010-180-080		C-CER 1500P<U>	C113	87-010-405-080		CAP, ELECT 10-50V<U>
C206	87-010-181-080		CAP,CHIP S 1800P<LH,EZ,K>	C114	87-010-405-080		CAP, ELECT 10-50V<U>
C207	87-010-400-080		CAP, ELECT 0.47-50V<LH,EZ,K>	C115	87-010-405-080		CAP, ELECT 10-50V<U>
C207	87-010-401-080		CAP, ELECT 1-50V<U>	C116	87-010-405-080		CAP, ELECT 10-50V<U>
C208	87-010-400-080		CAP, ELECT 0.47-50V<LH,EZ,K>	C121	87-010-190-080		S CHIP F 0.01<U>
C208	87-010-401-080		CAP, ELECT 1-50V<U>				
C209	87-010-187-080		CAP CHIP S5600P<U>	C122	87-010-190-080		S CHIP F 0.01<U>
C210	87-010-187-080		CAP CHIP S5600P<U>	C151	87-012-368-080		C-CAP,S 0.1-50 F<U>
C211	87-010-403-080		CAP, ELECT 3.3-50V<U>	C152	87-012-368-080		C-CAP,S 0.1-50 F<U>
				C153	87-010-196-080		CHIP CAPACITOR,0.1-25<U>
C211	87-010-405-080		CAP, ELECT 10-50V<LH,EZ,K>	C154	87-010-196-080		CHIP CAPACITOR,0.1-25<U>
C212	87-010-403-080		CAP, ELECT 3.3-50V<U>				
C212	87-010-405-080		CAP, ELECT 10-50V<LH,EZ,K>	C160	87-010-190-080		S CHIP F 0.01<U>
C215	87-010-179-080		CAP,CHIP S B1200P	C161	87-010-188-080		CAP,CHIP 6800P<U>
C216	87-010-179-080		CAP,CHIP S B1200P	CN101	87-A61-109-010		CONN,7P V TID-A<U>
				CN103	87-099-196-010		CONN,8P 6216 V<U>
C217	87-010-405-080		CAP, ELECT 10-50V<LH,EZ,K>	J101	87-A61-159-010		JACK,PIN 4P R/W/B/O KM<U>
C217	87-010-403-080		CAP, ELECT 3.3-50V<U>				
C218	87-010-405-080		CAP, ELECT 10-50V<LH,EZ,K>	L151	87-A50-610-010		COIL,1UH K(MDEC)<U>
C218	87-010-403-080		CAP, ELECT 3.3-50V<U>	L151	87-003-383-010		COIL,1UH-K<U>
C219	87-010-197-080		CAP, CHIP 0.01 DM<EZ,K>	L152	87-003-383-010		COIL,1UH-K<U>
				R131	87-A00-258-080		RES,M/F 0.22-1W J<U>
C221	87-010-405-080		CAP, ELECT 10-50V	R132	87-A00-669-080		RES,M/F 0.22-2W J RA<U>
C222	87-010-405-080		CAP, ELECT 10-50V				
C223	87-010-197-080		CAP, CHIP 0.1-25 Z F	R172	87-A00-669-080		RES,M/F 0.22-2W J RA<U>
C224	87-010-197-080		CAP, CHIP 0.1-25 Z F				
C251	87-010-196-080		CAP, CHIP 0.1-25 Z F	PT C.B			
				C1	87-010-387-080		CAP,E 470-25 SME
C252	87-010-196-080		CAP, CHIP 0.1-25 Z F	C2	87-A11-144-080		CAP,TC U 0.1-50 K B<EZ,K>
C253	87-010-196-080		CAP, CHIP 0.1-25 Z F	C4	87-A11-148-080		CAP,TC U 0.1-50 Z F
C254	87-010-196-080		CAP, CHIP 0.1-25 Z F	C5	87-A11-148-080		CAP,TC U 0.1-50 Z F
C255	87-010-190-080		CAP,S 0.01-50 Z F C2912<EZ,K>	C6	87-010-917-000		CAP,E 3300-50 M SMG
C256	87-010-190-080		CAP,S 0.01-50 Z F C2912<EZ,K>				
				C7	87-010-917-000		CAP,E 3300-50 M SMG
C257	87-010-190-080		CAP,S 0.01-50 Z F C2912<EZ,K>	C8	87-A11-148-080		CAP,TC U 0.1-50 Z F
C258	87-010-190-080		CAP,S 0.01-50 Z F C2912<EZ,K>	C9	87-A11-148-080		CAP,TC U 0.1-50 Z F
C259	87-010-197-080		CAP, CHIP 0.01 DM	C10	87-A11-148-080		CAP,TC U 0.1-50 Z F
C260	87-010-197-080		CAP, CHIP 0.01 DM	C11	87-A11-148-080		CAP,TC U 0.1-50 Z F
C401	87-010-260-080		CAP, ELECT 47-25V				
				C12	87-016-520-000		CAP,E 3300-65 M SMG
CN101	87-A61-011-010		CONN,13P H BLK TAC-L13P-A3	C13	87-016-520-000		CAP,E 3300-65 M SMG
CN102	87-A61-011-010		CONN,13P H BLK TAC-L13P-A3	C14	87-A11-148-080		CAP,TC U 0.1-50 Z F
CN104	87-099-196-010		CONN,8P 6216 V<U>	C15	87-A11-148-080		CAP,TC U 0.1-50 Z F
CNA101	8A-NF8-656-010		CONN ASSY,5P TID-A 400	C16	87-010-403-080		CAP, ELECT 3.3-50V
CNA103	8A-NF8-655-010		CONN ASSY,7P TID-A(150)<U>				
				CN1	87-A61-110-010		CONN,9P V TID-A
FFC106	88-908-151-110		FF-CABLE,8P 1.25<U>	CN2	87-A61-108-010		CONN,5P V TID-A
J201	87-A61-159-010		JACK,PIN 4P R/W/B/O KM<LH,EZ,K>	△ PT101	8A-NFV-604-010		PT,ANF-V U<U>
J202	87-A61-158-010		JACK,PIN 2P R/W/BL H(SEPA) KM<U>	△ PT101	8A-NFV-605-010		PT,ANF-28 LH<LH>
JW168	87-020-465-080		DIODE,1SS133 (110MA)<LH>	△ PT101	8A-NFV-608-010		PT,ANF-28 EZ<EZ,K>
L251	87-003-383-010		COIL,1UH-K	△ PT102	8A-NF8-662-010		PT,SUB ANF-8 (E)<EZ,K>
				△ PT102	8A-NF8-673-010		PT,SUB ANF-8 (H)KAMI<LH>
L252	87-003-383-010		COIL,1UH-K	△ PT102	8A-NF8-661-010		PT,SUB ANF-8 (U)<U>
R129	87-A00-262-080		RES,M/F 0.15-2W J<U>	△ RY1	87-A91-339-010		RELAY,AC DC12V G5PA-2<LH>
R129	87-A00-669-080		RES,M/F 0.22-2W J RA<LH,EZ,K>	△ RY2	87-A91-418-010		RELAY,AC12V G5PA-1-M<EZ,K,U>
R130	87-A00-262-080		RES,M/F 0.15-2W J<U>				
R130	87-A00-669-080		RES,M/F 0.22-2W J RA<LH,EZ,K>	△ S1	87-A90-165-010		SW,SL 1-2-3 SWS2301<LH>
				△ T1	87-A60-317-010		TERMINAL, 1P MSC
R181	87-A00-669-080		RES,M/F 0.22-2W J RA<LH,EZ,K>	△ T2	87-A60-317-010		TERMINAL, 1P MSC
R182	87-A00-669-080		RES,M/F 0.22-2W J RA<LH,EZ,K>				
R231	87-A00-258-080		RES,M/F 0.22-1W J				
R232	87-A00-258-080		RES,M/F 0.22-1W J<U>				
R232	87-A00-669-080		RES,M/F 0.22-2W J RA<LH,EZ,K>				
				DECK C.B			
R282	87-A00-669-080		RES,M/F 0.22-2W J RA<LH,EZ,K>	CON105	87-099-753-010		CONN,11P 9604<EZ,K,U>
WH101	87-A90-459-010		HLDR,WIRE 2.5-5P	CON105	87-099-756-010		CONN,15P 9604 S F<LH>
WH102	87-A90-460-010		HLDR,WIRE 2.5-7P<U>	HL1	8Z-ZM3-214-010		HLDR,IC<U>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
SFR1	87-024-581-010	SFR, 3.3K DIA 6H		SW6	87-036-110-010	SW, MICRO SPPB62<LH>	
SOL1	82-ZM1-618-410	SOL ASSY, 27		SW8	87-A90-248-010	SW, MICRO ESE11SH2CXQ<LH>	
SOL2	82-ZM1-618-410	SOL ASSY, 27		SW9	87-A90-248-010	SW, MICRO ESE11SH2CXQ<LH>	
SW1	87-A90-248-010	SW, MICRO ESE11SH2CXQ<LH, EZ, K>		W1	82-ZM3-601-010	RBN, CORD, 4P-75<LH, EZ, K>	
SW1	87-A90-673-010	SW, MICRO ESE11SH1C<U>					
				HEAD-1	C.B<LH, EZ, K>		
SW2	87-A90-248-010	SW, MICRO ESE11SH2CXQ<LH, EZ, K>					
SW2	87-A91-500-010	SW, MICRO MPU11470MLB0<U>			85-ZM3-602-010	PWB, FLEX A	
SW3	87-A90-248-010	SW, MICRO ESE11SH2CXQ<LH, EZ, K>		CON301	87-NF6-615-010	CONN ASSY, 3P-PB	
SW3	87-A91-500-010	SW, MICRO MPU11470MLB0<U>					
SW4	87-A90-248-010	SW, MICRO ESE11SH2CXQ<EZ, K>		HEAD-2	C.B<LH>		
SW4	87-036-110-010	SW, MICRO SPPB62<LH>					
SW4	87-A91-500-010	SW, MICRO MPU11470MLB0<U>			85-ZM3-602-010	PWB, FLEX A	
SW5	87-A90-248-010	SW, MICRO ESE11SH2CXQ<EZ, K>		CON351	87-NF6-616-010	CONN ASSY, 8P-RPB	
SW5	87-036-110-010	SW, MICRO SPPB62<LH>					
SW5	87-A90-673-010	SW, MICRO ESE11SH1C<U>					
				VM	C.B<LH, EZ, K>		

○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

2SA1981
CD1585
CSA952
CSC4115
KTA1266
KTC3198



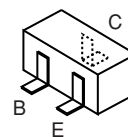
E C B

2SA933S
DTC114ES
KTC3199



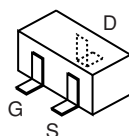
B C E

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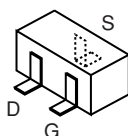
B C E

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G S D

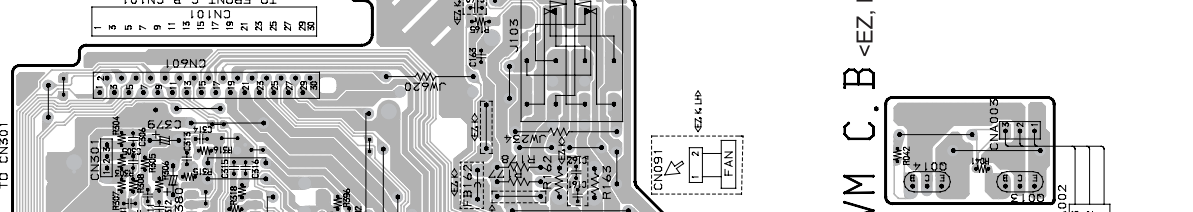
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D S G

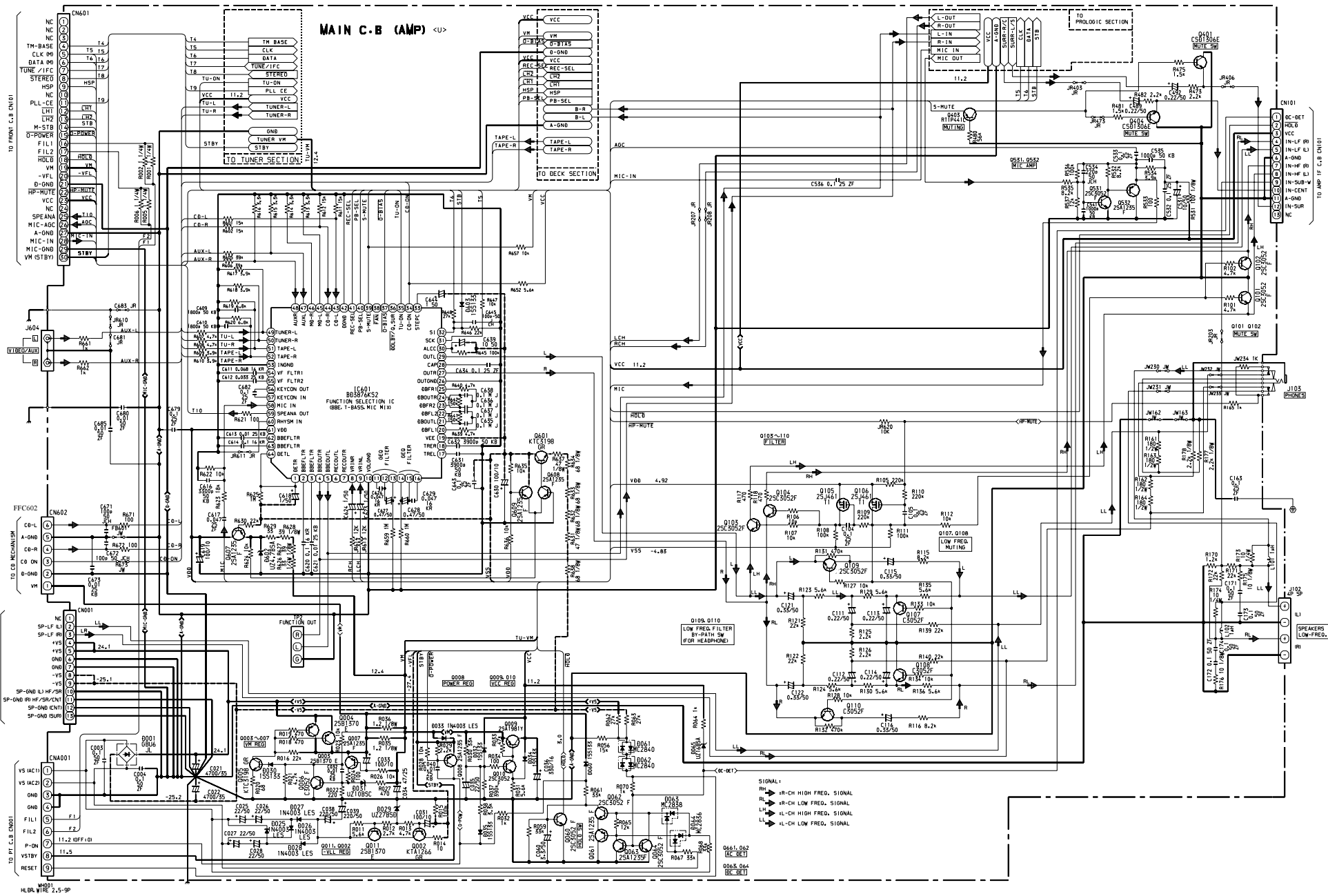
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ROM HEAD-1 C.B.
CON301

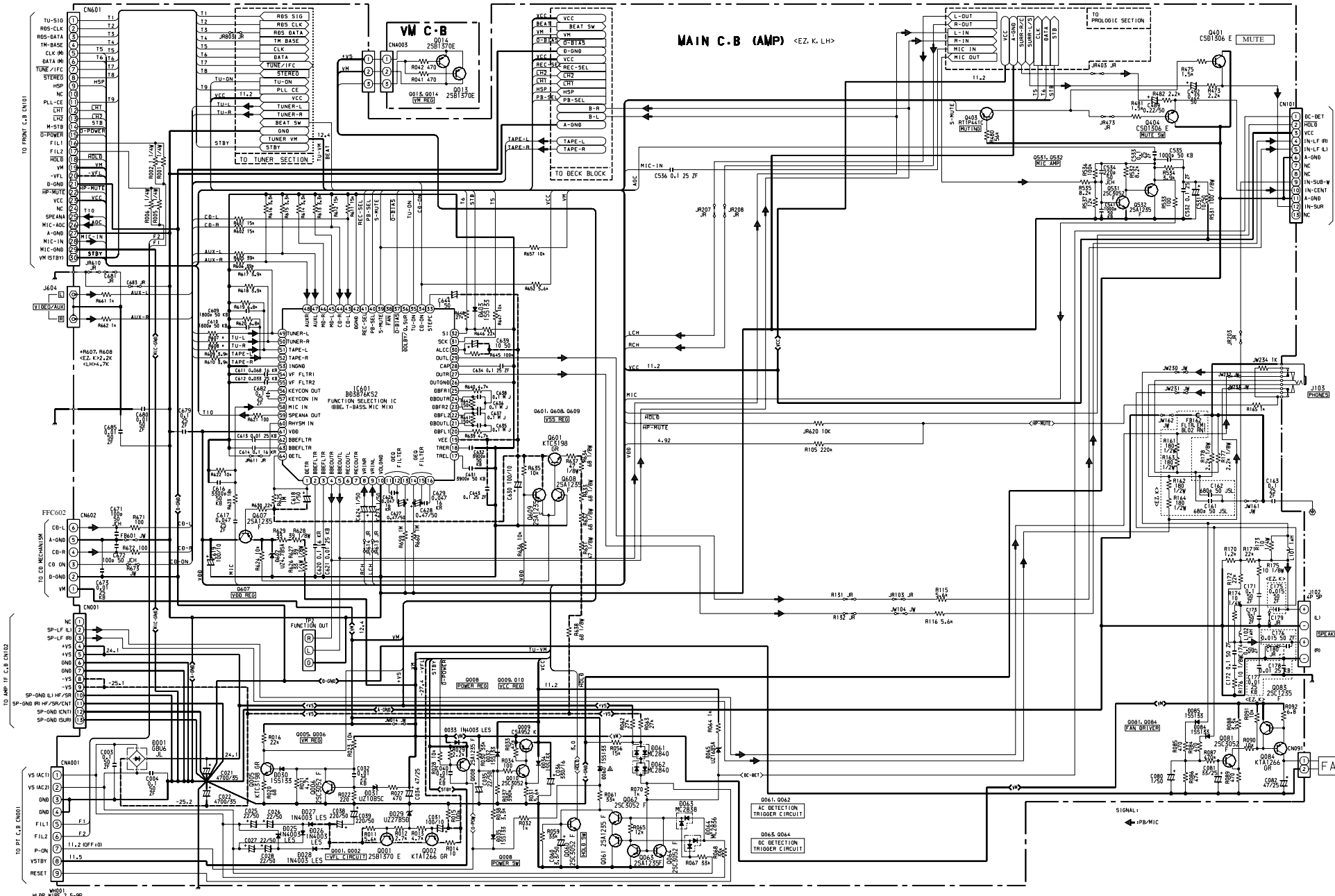
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002

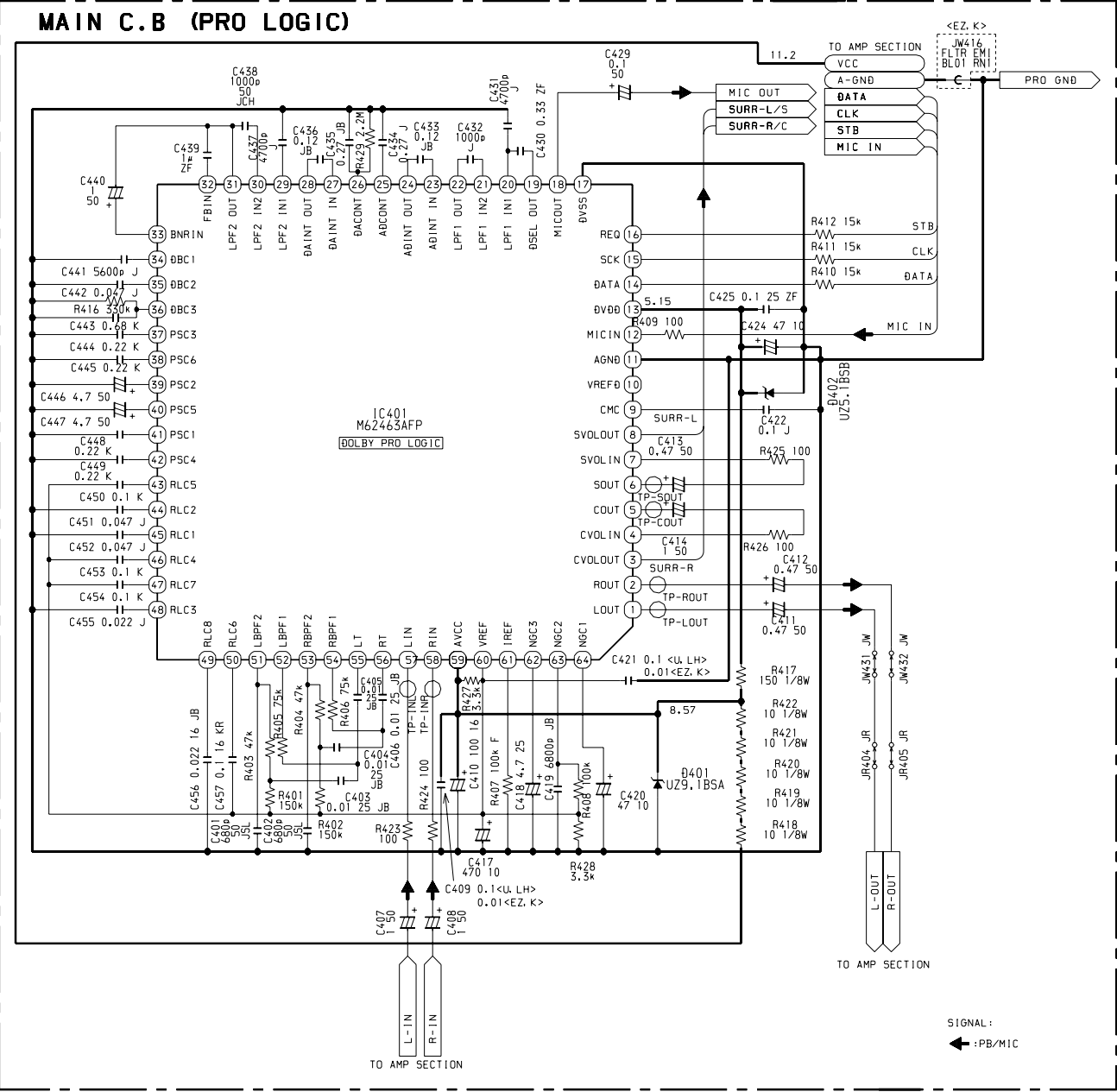
SCHEMATIC DIAGRAM - 1 (MAIN : 1 / 6 <AMP SECTION> U)



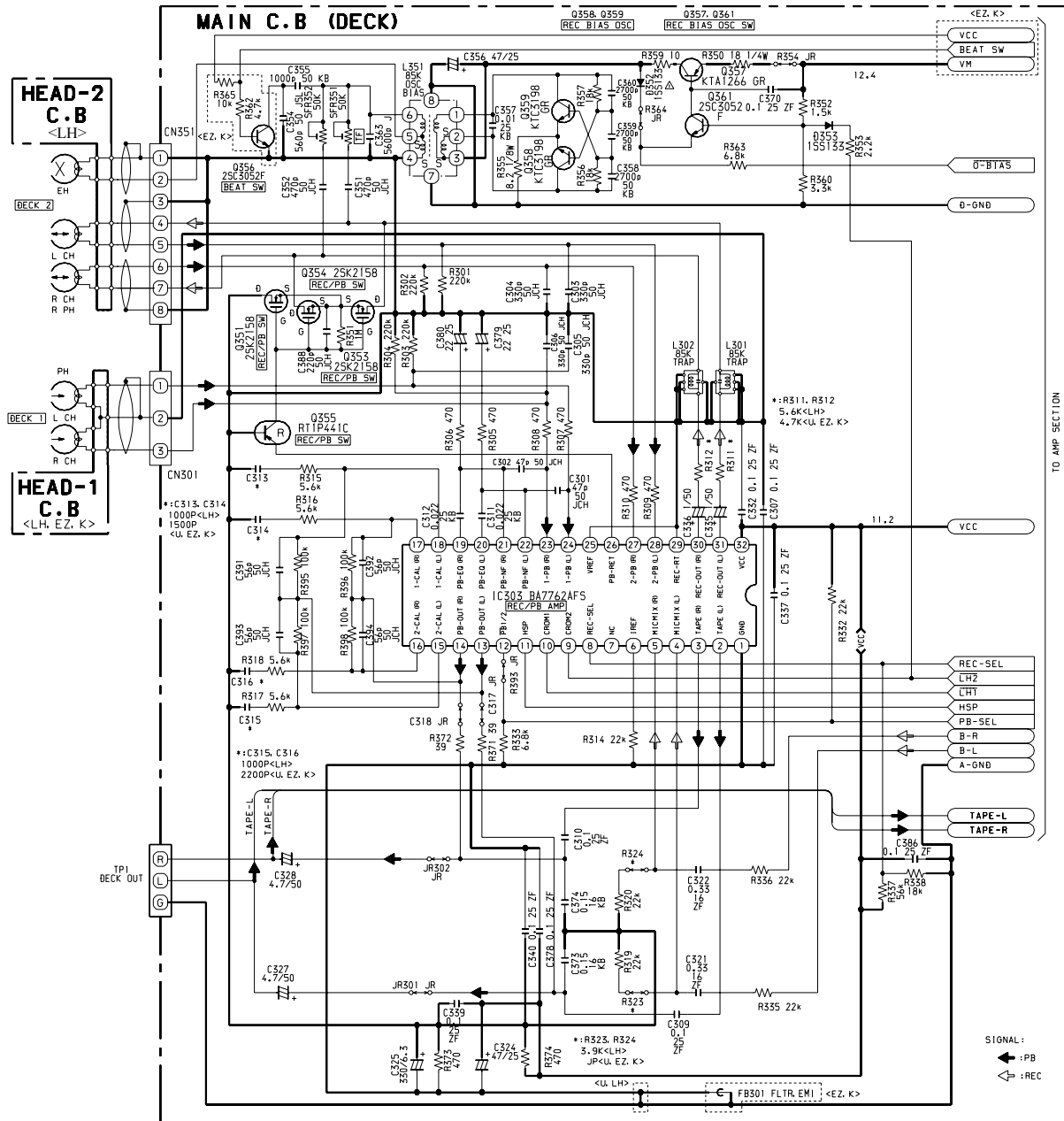
SCHEMATIC DIAGRAM - 2 (MAIN : 1 / 6 <AMP SECTION> EZ. K. LH)



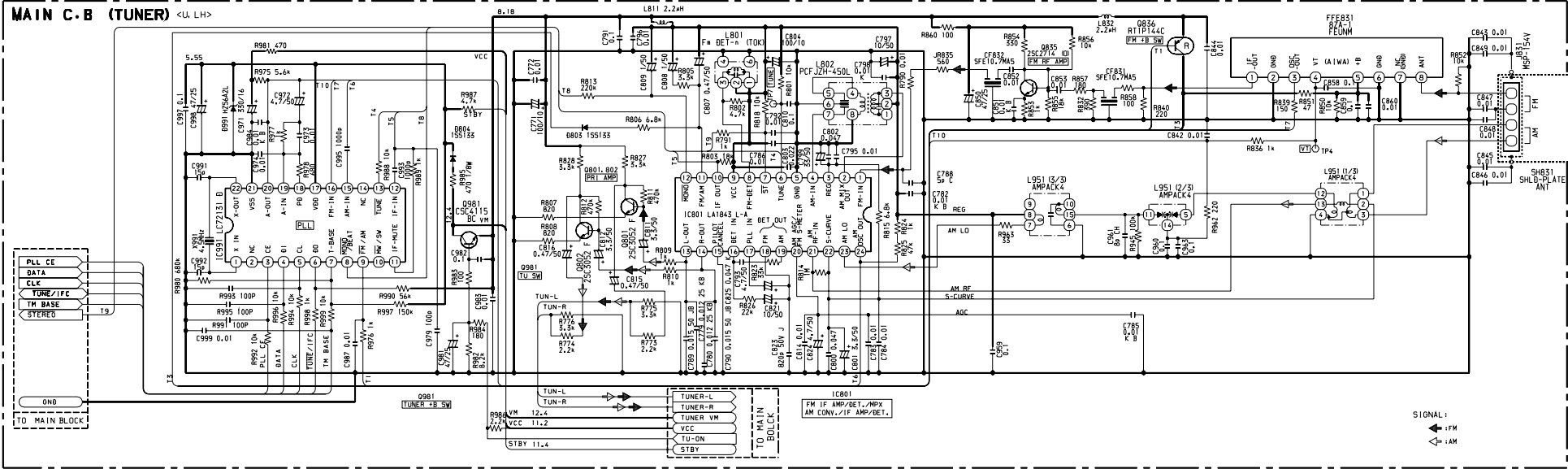
SCHEMATIC DIAGRAM - 3 (MAIN : 3 / 6 <PRO LOGIC SECTION>)



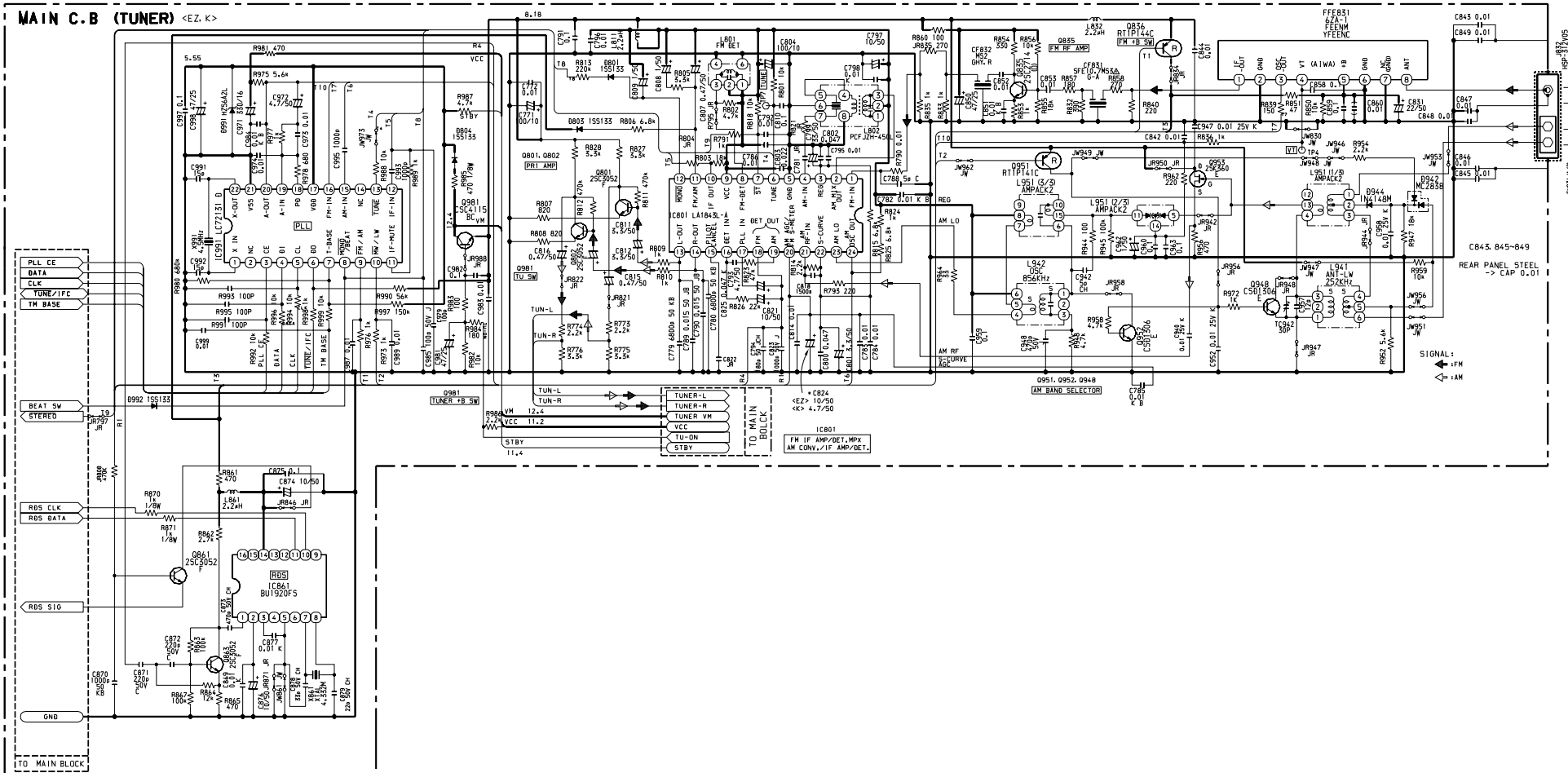
SCHEMATIC DIAGRAM - 4 (MAIN : 4 / 6 <DECK SECTION>)



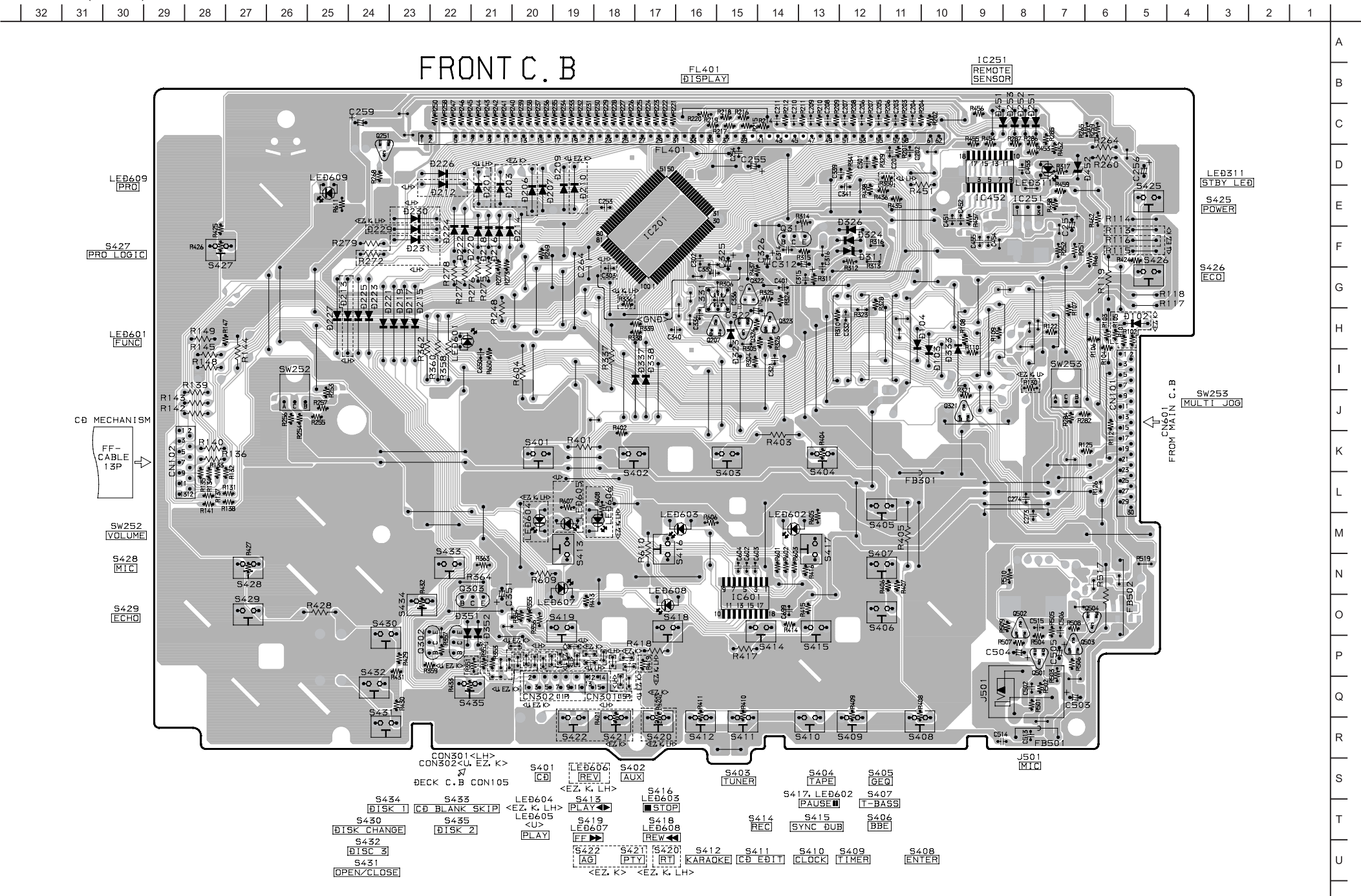
SCHEMATIC DIAGRAM – 5 (MAIN : 5 / 6 <TUNER SECTION> U, LH)



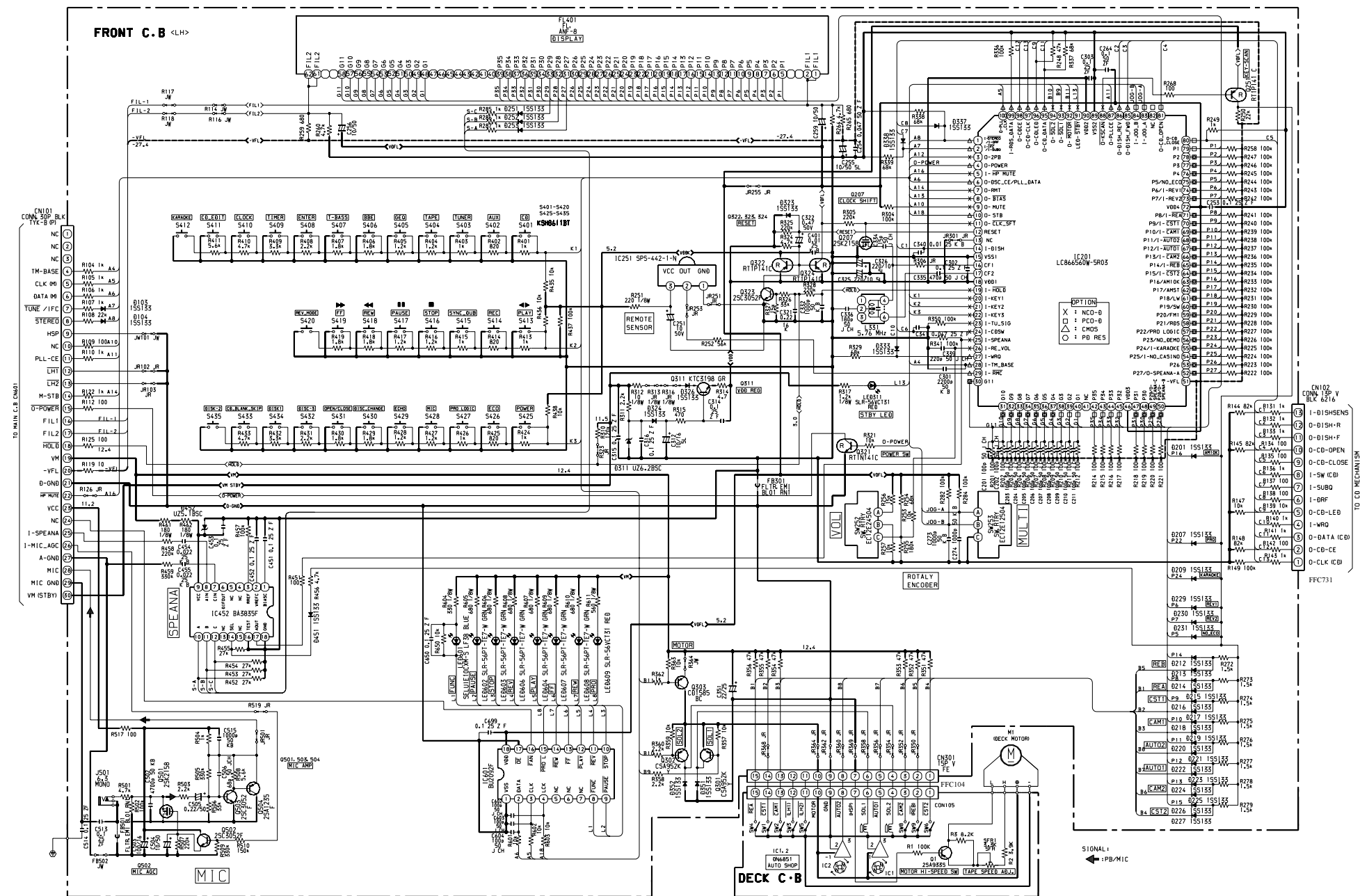
SCHEMATIC DIAGRAM - 6 (MAIN : 6 / 6 <TUNER SECTION> EZ, K)



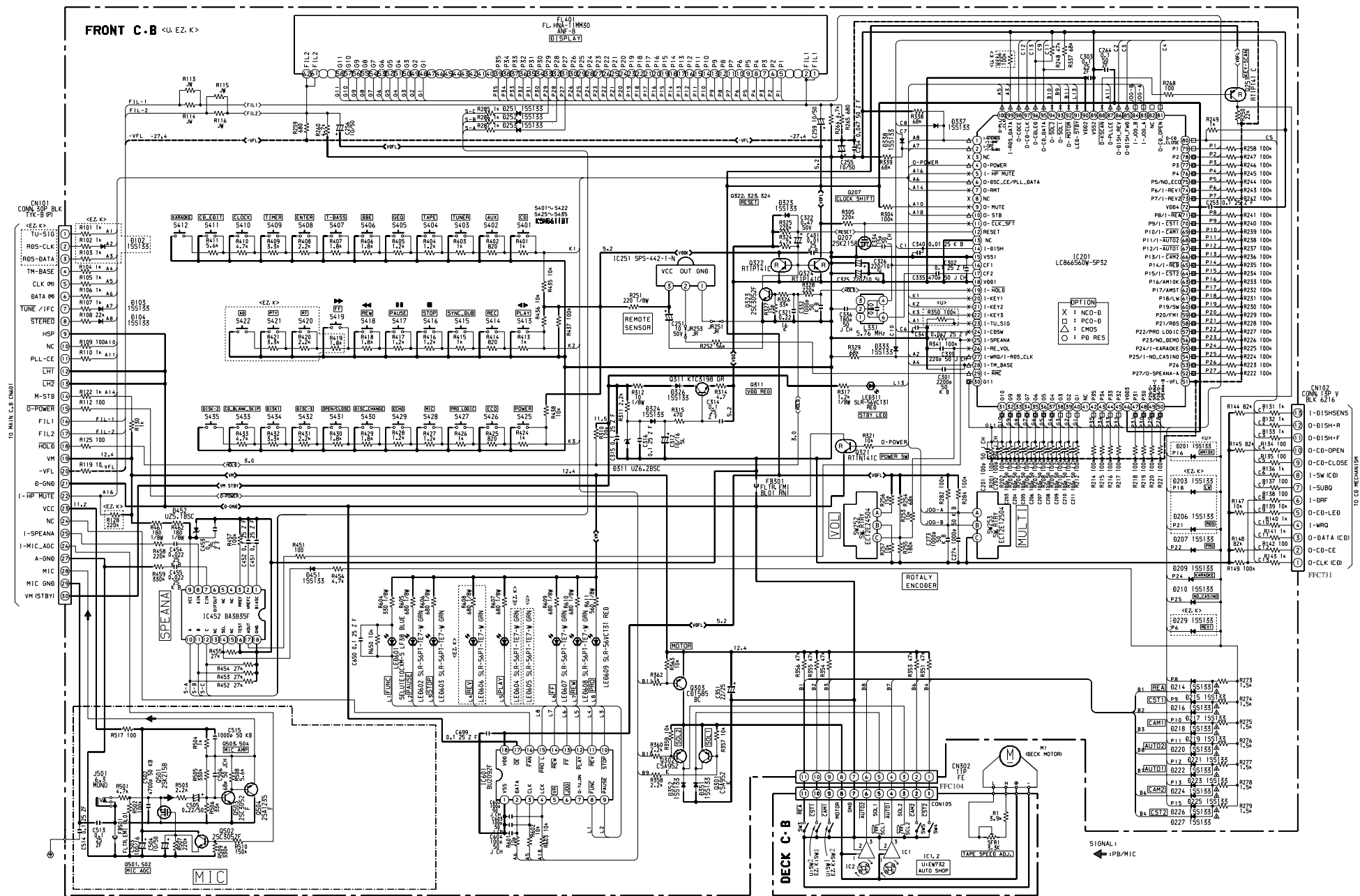
WIRING - 2 (FRONT)



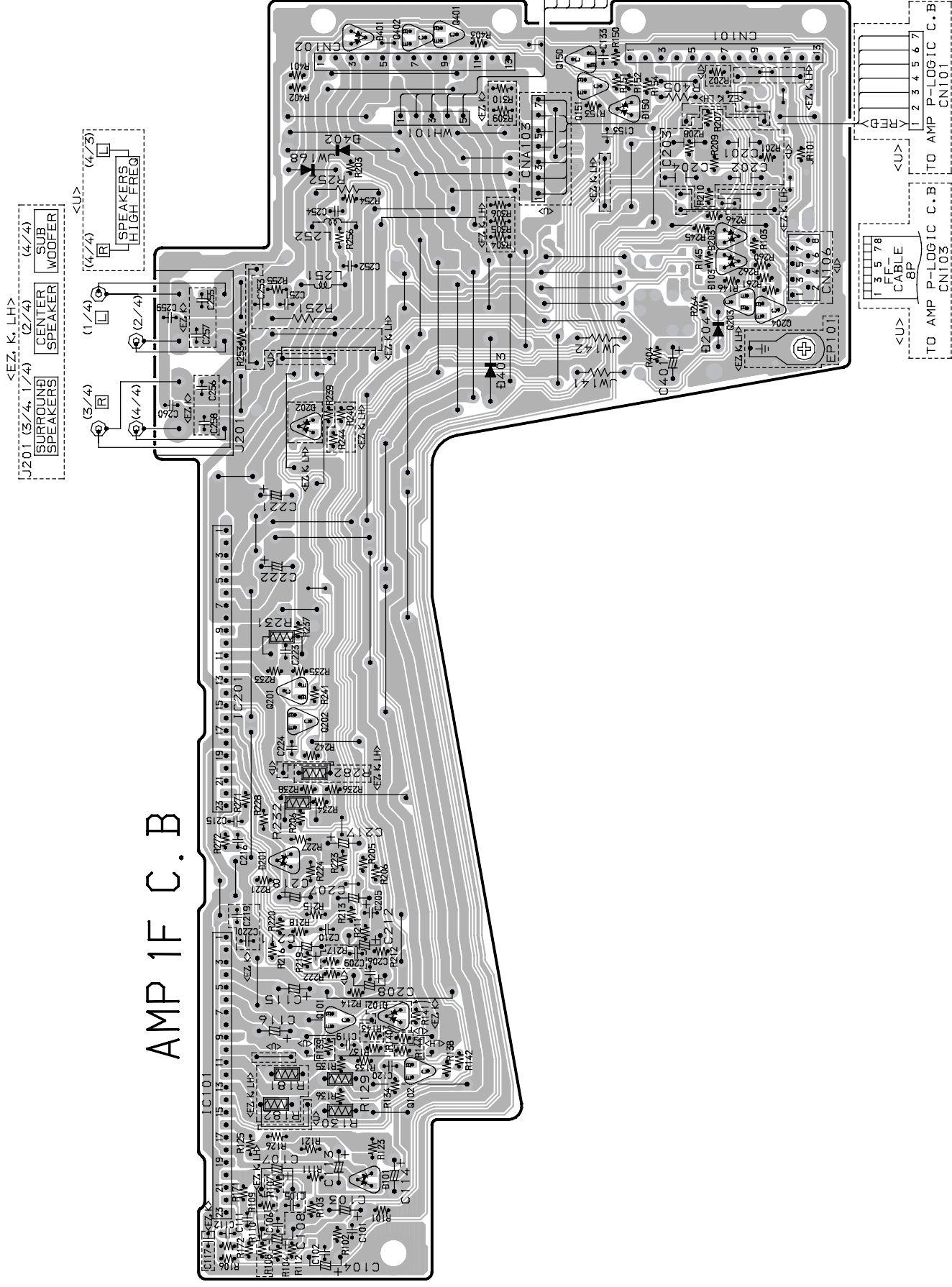
SCHEMATIC DIAGRAM - 7 (FRONT : LH)



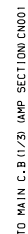
SCHEMATIC DIAGRAM – 8 (FRONT : U, EZ, K)



AMP 1F C.B

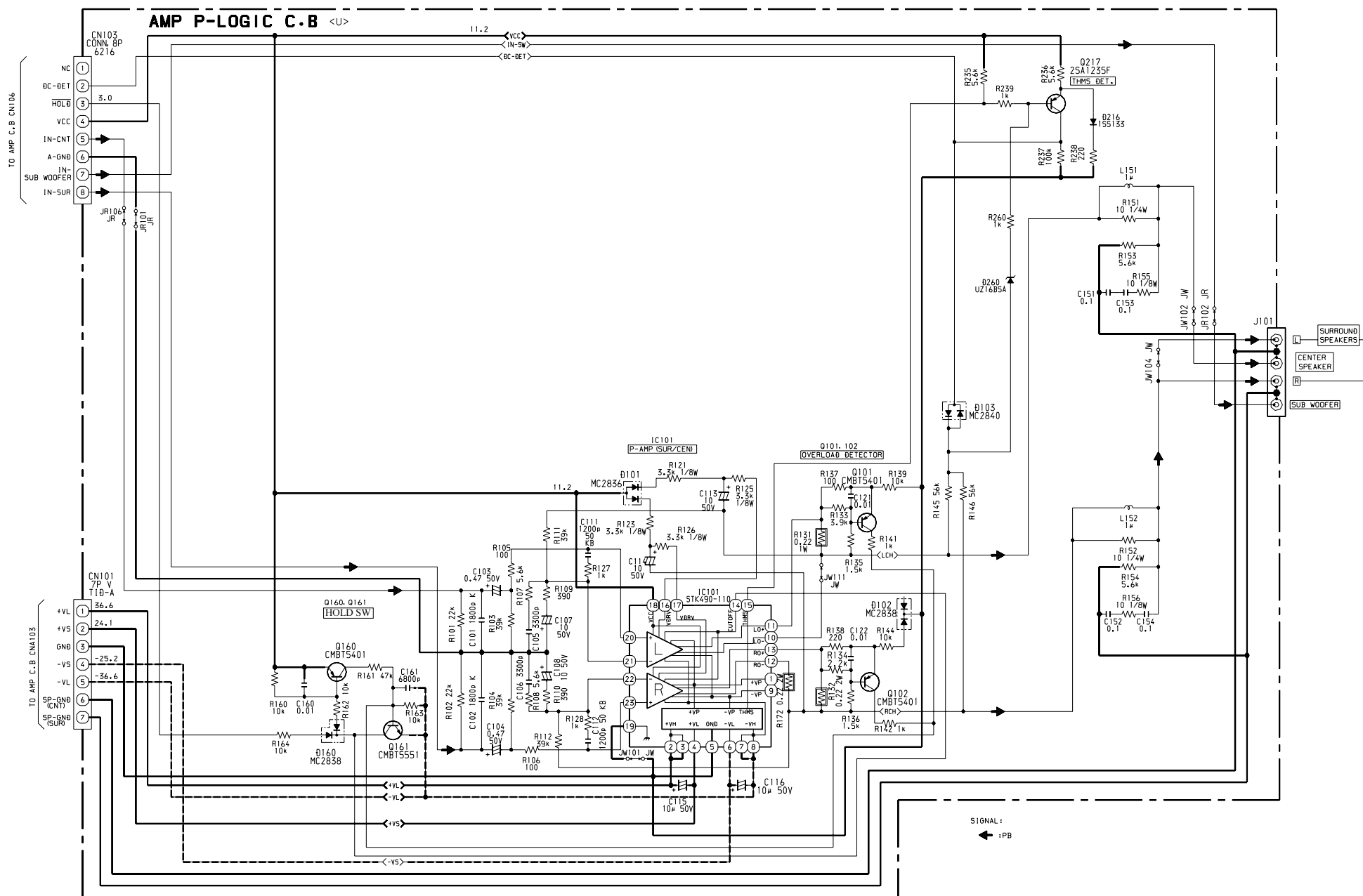


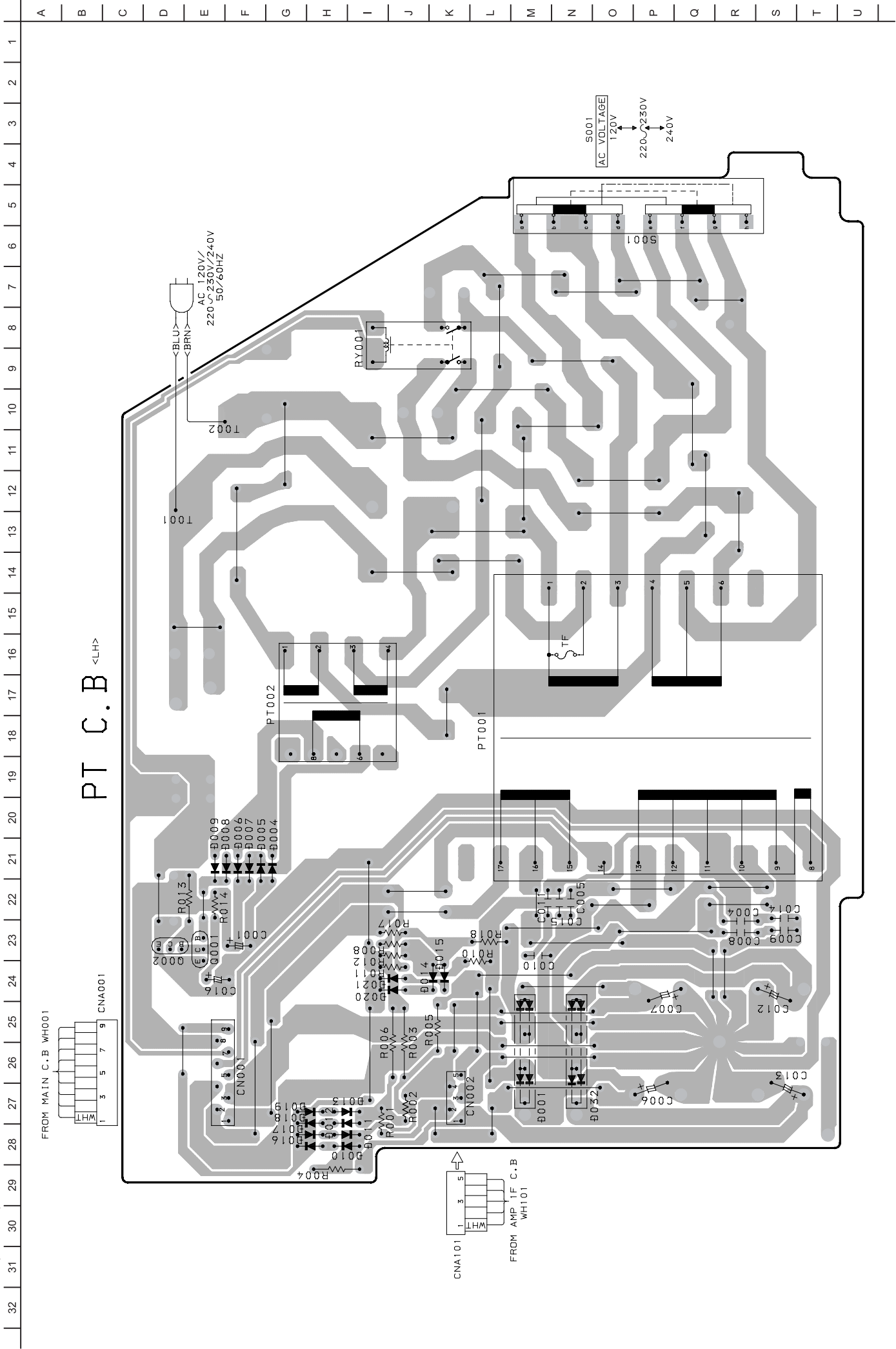
TO MAIN C.B.(1/3) (AMP SECTION) CN101

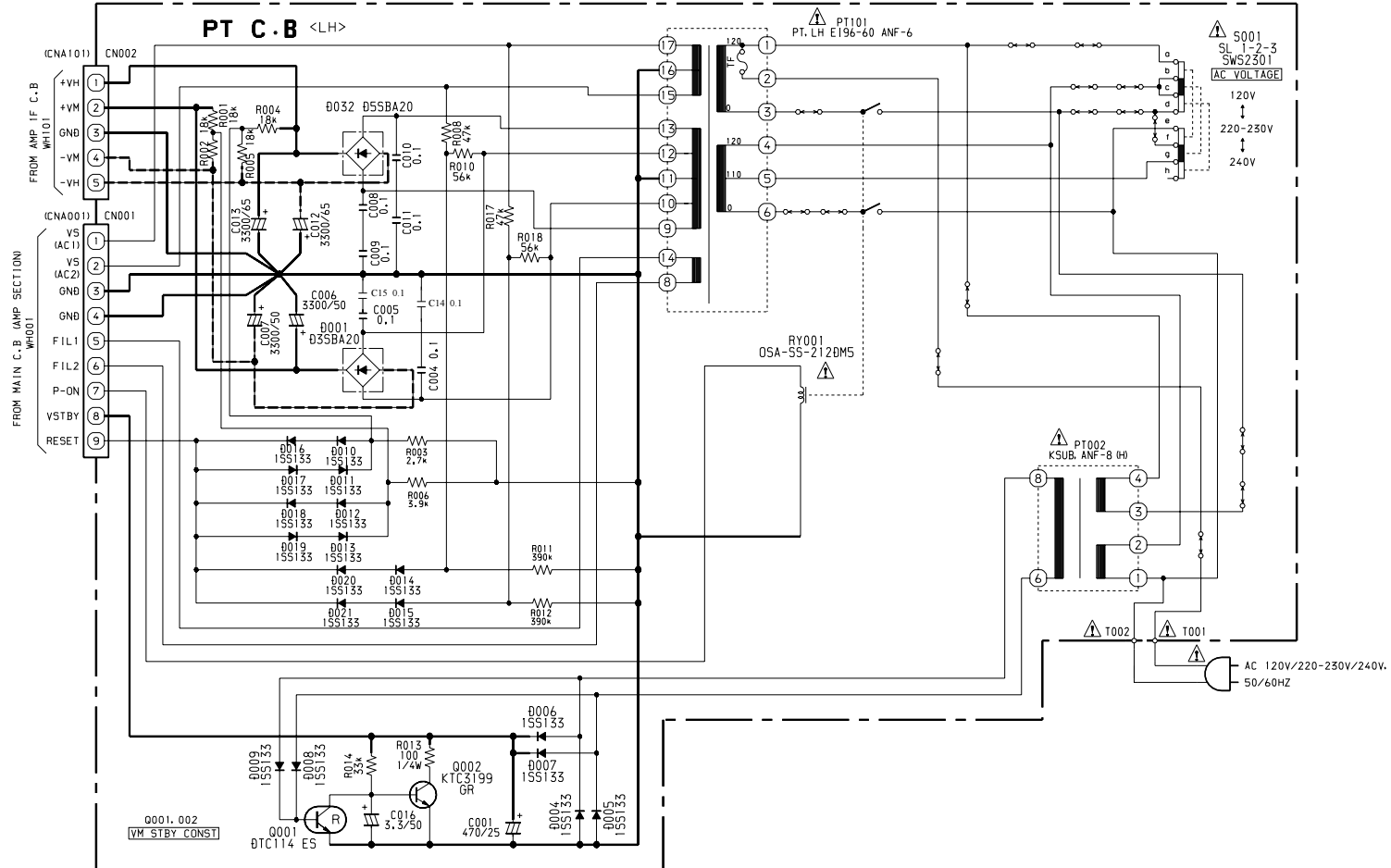




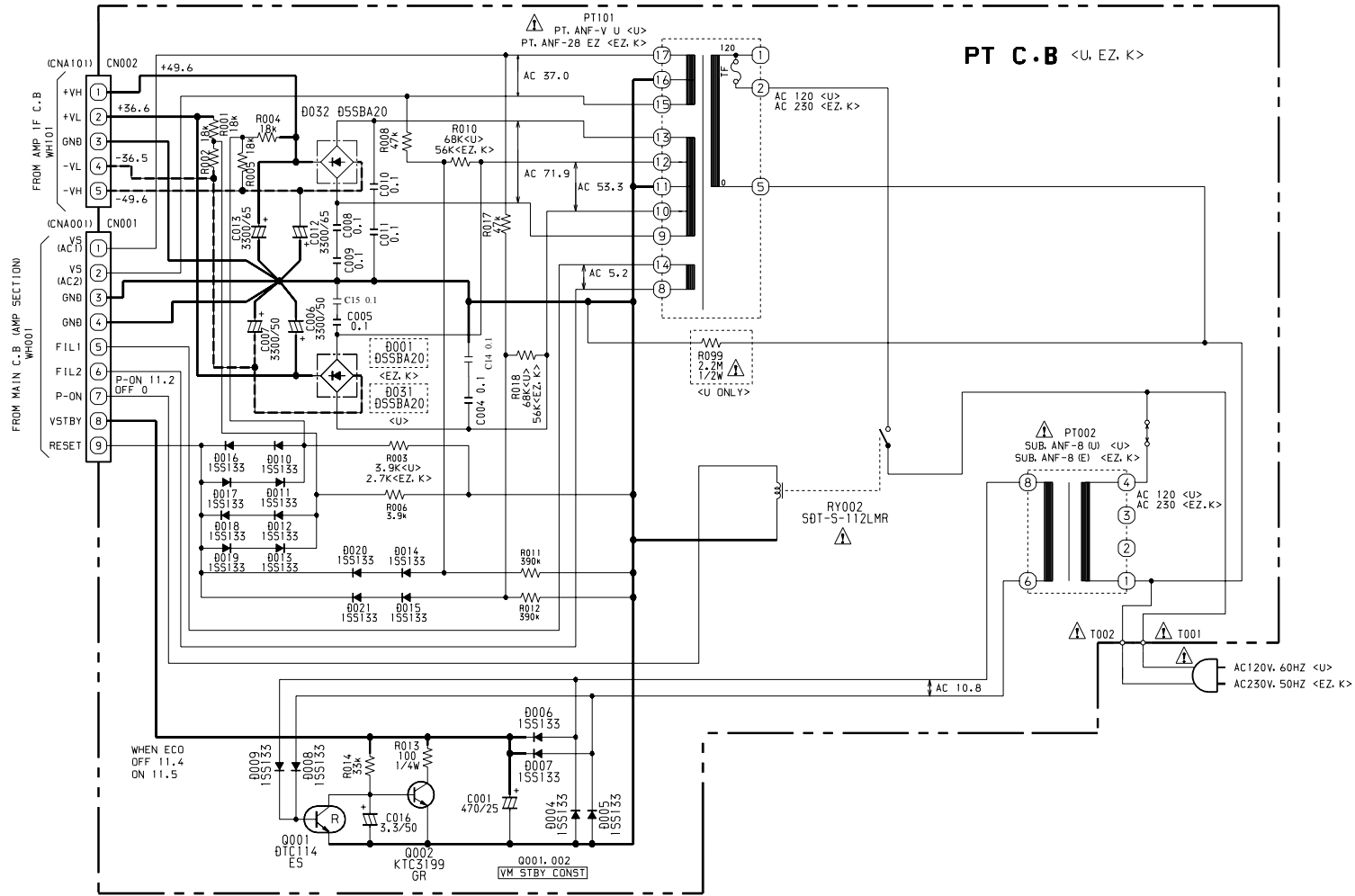
SCHEMATIC DIAGRAM – 10 (AMP P-LOGIC <U ONLY>)

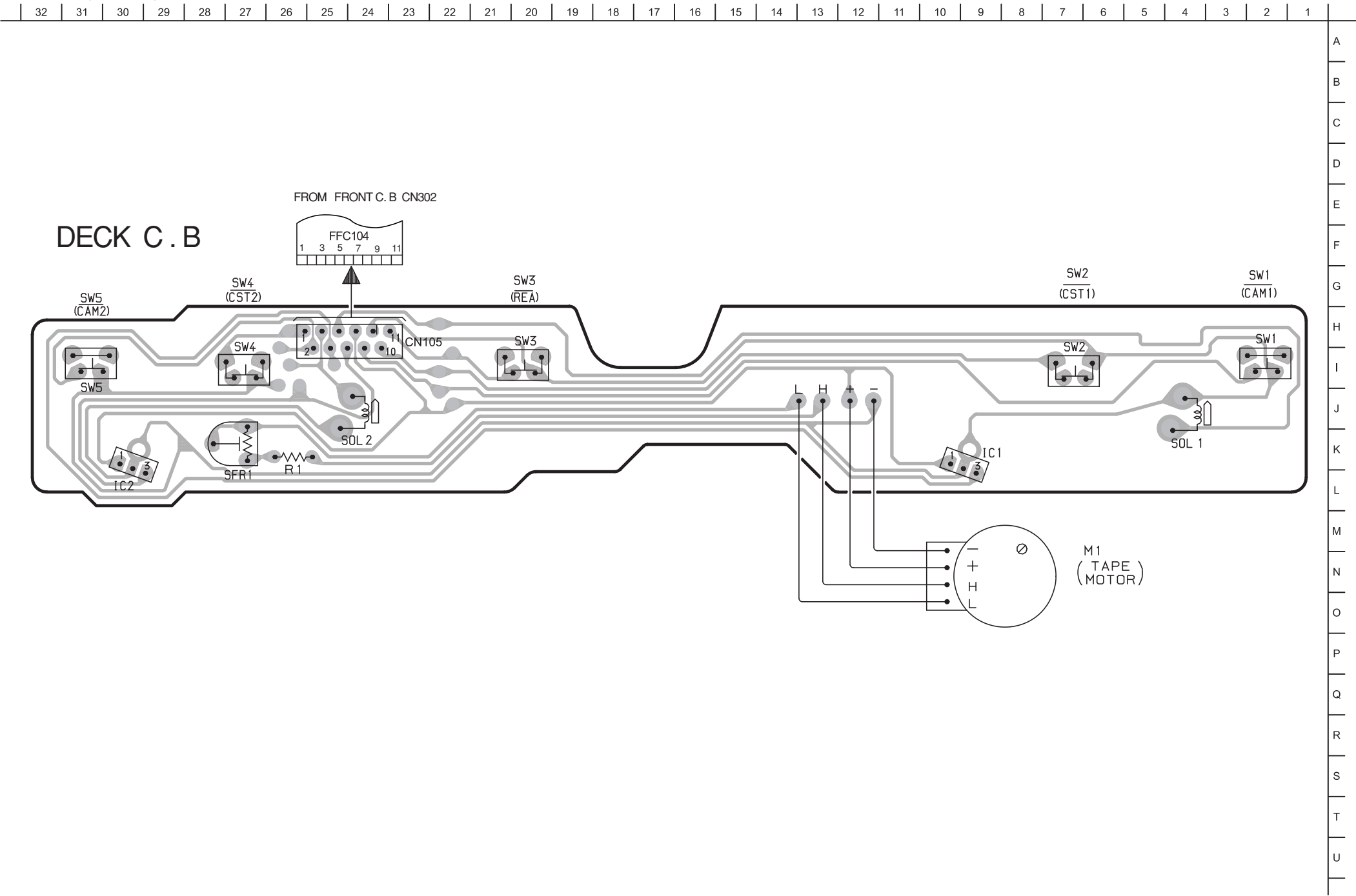




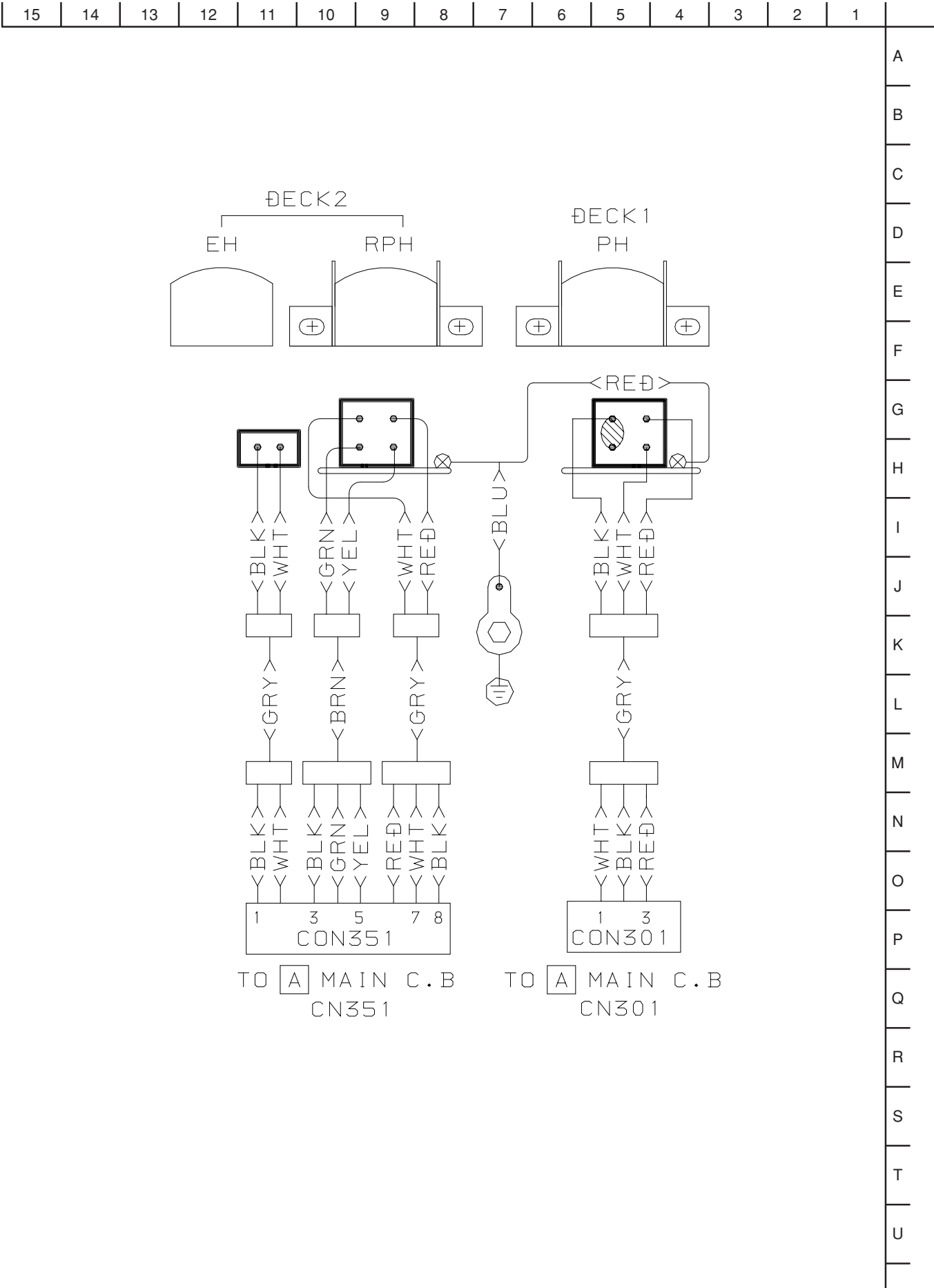


SCHEMATIC DIAGRAM – 12 (PT : U, EZ, K)

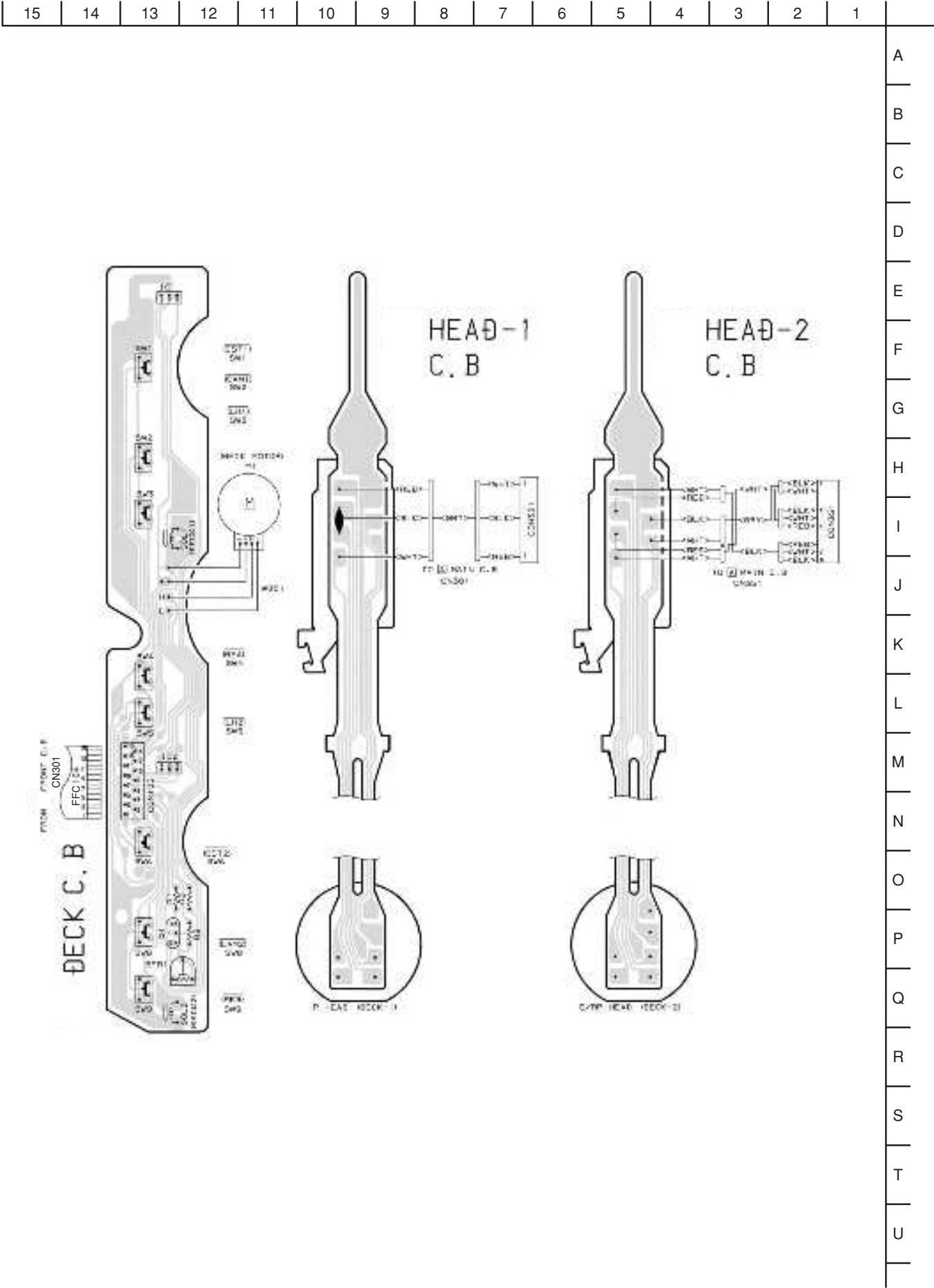




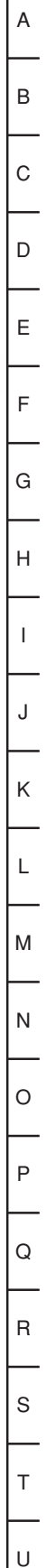
WIRING – 8 (HEAD : U)



WIRING – 9 (DECK / HEAD-1 / HEAD-2 : LH)



15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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[illegible]

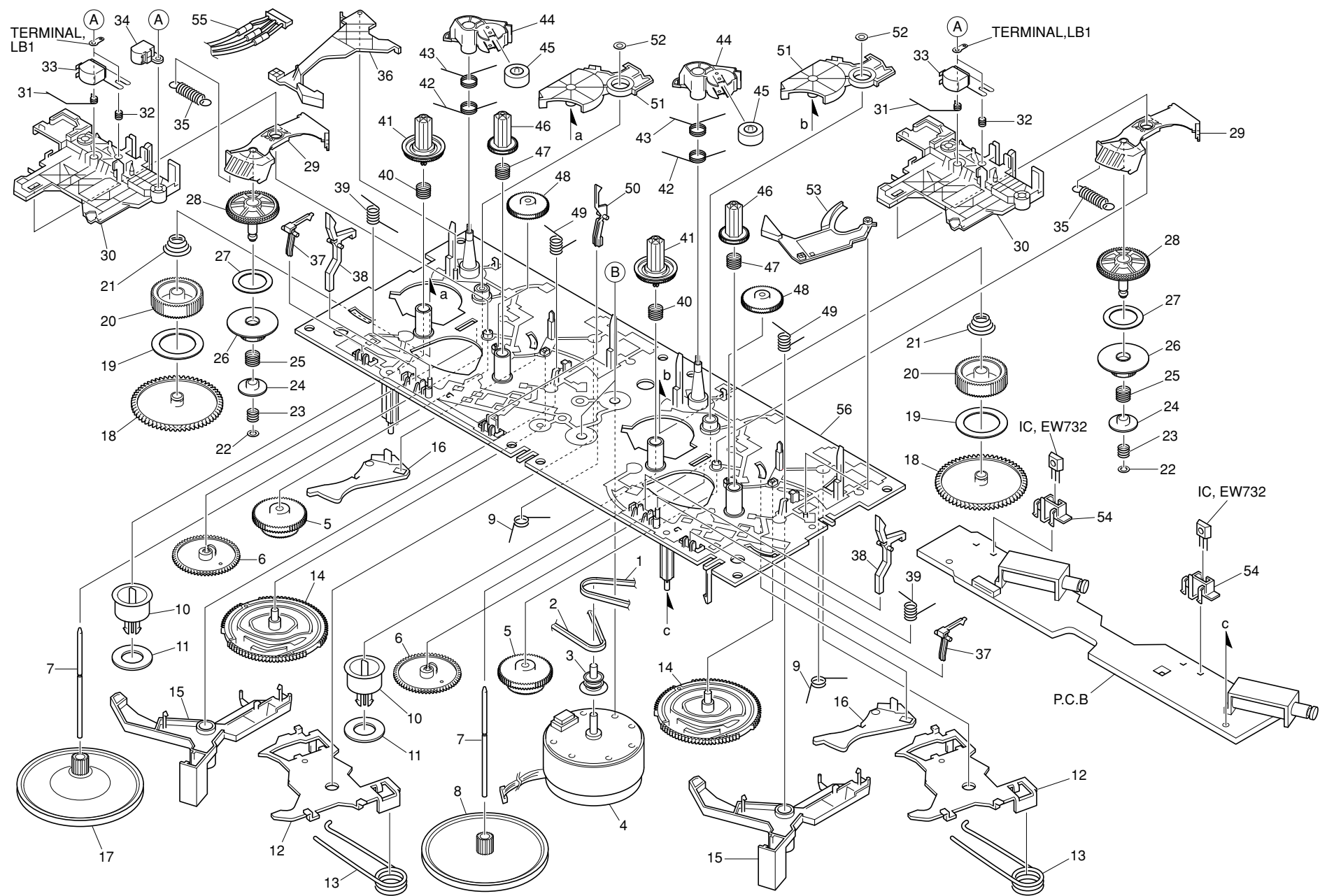
MECHANICAL PARTS LIST 1 / 1 <U>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NF8-014-010		WINDOW, CASS 1	36	8A-NFV-006-010		KEY, PRO
2	8A-NF8-015-010		WINDOW, CASS 2	37	8A-NF8-029-010		KEY, OPEN
3	8A-NF8-003-010		BOX, CASS 1 U	38	8A-NFV-005-010		KEY, MIC
4	8A-NF8-004-010		BOX, CASS 2 U	39	87-NF4-216-010		HLDR, LOCK 1
5	8A-NF8-207-010		SPR-T, EJECT 1	40	86-NF9-224-010		SPR-C, LOCK
6	8A-NF8-208-010		SPR-T, EJECT 2	41	8A-NF8-206-010		HLDR, PWB M
7	81-532-080-010		LABEL, CASS. COMPT	42	87-NF4-217-110		HLDR, LOCK 2
8	8A-NF8-019-010		KNOB, RTRY JOG	43	8A-NF7-112-010		PANEL, RIGHT V-2
9	8A-NF8-209-010		OIL-DMPR, 120	44	88-906-251-110		FF-CABLE, 6P 1.25
10	8A-NFV-001-010		CABI, FR U	45	84-ZG1-245-210		CAP, OPTICAL
11	8A-NF8-034-010		PANEL, DIRECT	46	8A-NFV-016-010		PANEL, REAR USM
12	82-NF5-229-010		PLATE, LOCK	47	8A-NFV-027-010		COVER, REAR STEEL US
13	8A-NFV-002-010		PANEL, FR U	48	87-084-077-010		RIVET, NYL 3.5-4.5
14	8A-NFV-010-010		WINDOW, DISP U	49	87-064-185-010		HLDR, WIRE PVC 0.5
15	87-CE3-023-010		BADGE, AIWA 30N SILV	50	8A-NF6-217-010		HLDR, PWB PT
16	8A-NF8-009-010		PANEL, CD	51	8A-NFV-604-010		PT, ANF-V U
17	8A-NF8-007-010		PANEL, LEFT V-2	52	8A-NF7-208-010		HLDR, HT R
18	8A-NF8-005-010		PANEL, TOP	53	87-A80-110-010		AC CORD ASSY, U SPT-2W
19	8A-NF8-006-010		WINDOW, TOP	54	88-908-151-110		FF-CABLE, 8P 1.25-150MM
20	8A-NF8-010-010		PANEL, TRAY	55	8A-NF7-207-010		HLDR, HT L
21	8A-NF8-011-010		WINDOW, TRAY	56	85-NF7-599-010		PV, CW 3.2-8-0.8
22	88-NF8-205-010		GUIDE, FL	57	8Z-NB8-240-010		COVER, PL
23	8A-NF8-020-010		KEY, FUN	58	8A-NF7-209-010		HLDR, PWB-M BTM
24	8A-NF8-018-110		REFLECTOR, FUN	59	87-NF4-221-010		HLDR, CABLE
25	8A-NF8-016-010		KEY, POWER	60	8Z-NB8-254-010		COVER, PL M3
26	8A-NF8-031-010		KEY, DISC	61	87-A91-422-010		BUSHING, AC CORD(U)
27	8A-NF8-032-010		CAP, DISC	62	87-085-221-010		FOOT, H13.5
28	8A-NF8-017-010		REFLECTOR, ECO	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
29	8A-NF8-022-010		KEY, GEQ	B	87-NF4-224-010		S-SCREW, IT3B+3-8 CU
30	8A-NF8-035-010		KEY, ASSY OPE 1WAY	C	87-067-581-010		TAPPING SCREW, BVT2+3-15
31	8A-NF8-202-010		GUIDE, OPE 1WAY	D	87-067-688-010		BVTT+3-6
32	8A-NF8-201-010		GUIDE, FUN	E	87-723-096-410		QT2+3-10W/O SLOT BL
33	88-911-101-110		FF-CABLE, 11P 1.25	F	87-067-641-010		UTT2+3-8 (W/O SLOT) BL
34	88-913-301-110		FF-CABLE, 13P-1.25	G	87-078-191-010		S-SCREW, IT+4-10
35	8A-NFV-008-010		KEY, CD EDIT U	H	87-721-097-410		QT2+3-12 GLD
				I	87-721-095-410		QT2+3-8 W/O SLOT
				J	87-067-584-010		TAPPING SCREW, BVT2+3-6
				K	87-067-001-010		S-SCREW, BVWST2+3-12

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		

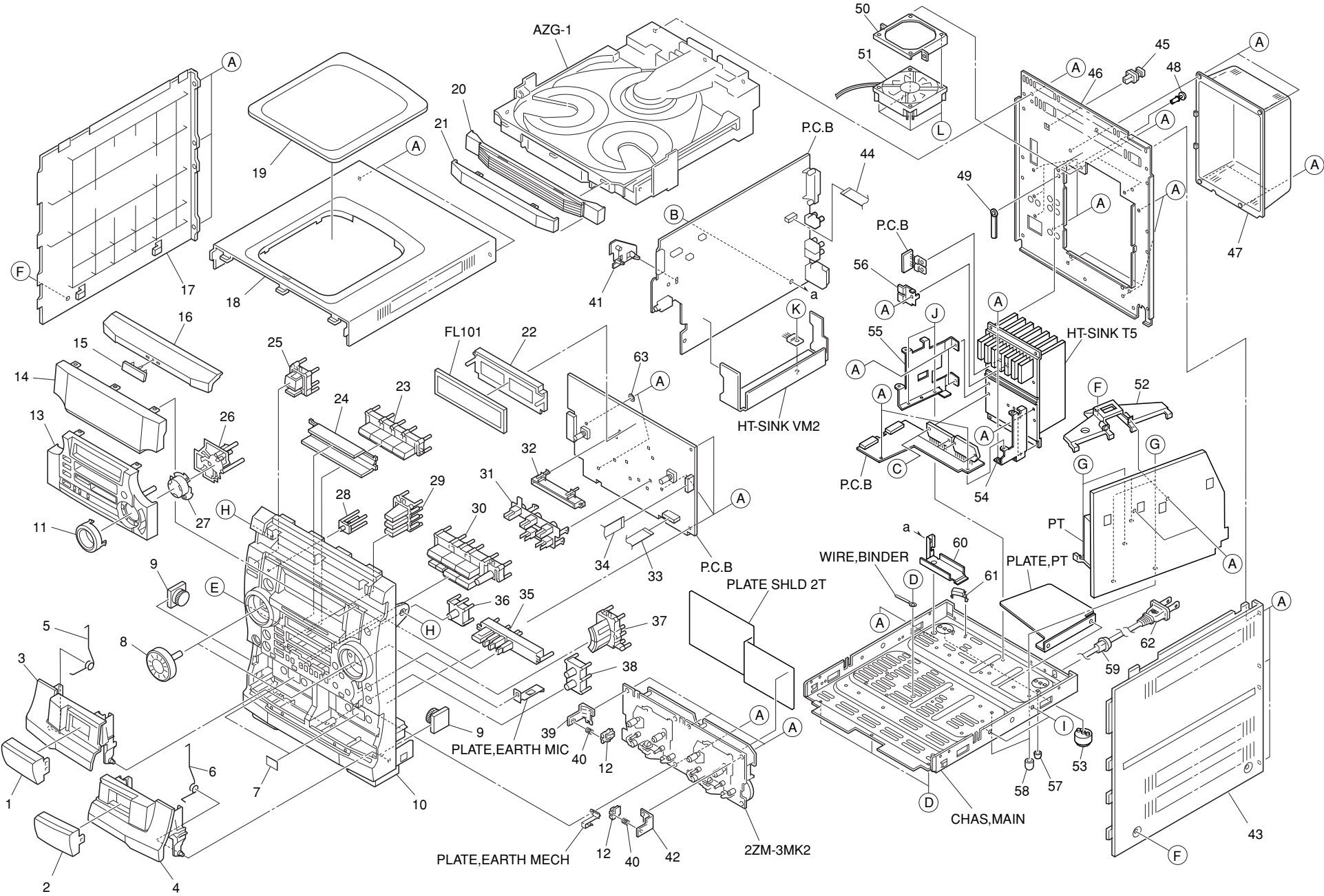
TAPE MECHANISM EXPLODED VIEW 1 / 1 <U>



TAPE MECHANISM PARTS LIST 1 / 1 <U>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8Z-ZM3-227-010		BELT,MAIN M3
2	8Z-ZM3-235-010		BELT,MAIN L
3	8Z-ZM1-235-010		PULLEY, MOT
4	87-045-347-010		MOT, SHU2L 70
5	8Z-ZM1-232-010		GEAR, IDL FF/REW
6	8Z-ZM3-244-010		GEAR, CAM TD20
7	8Z-ZM3-242-010		SHAFT, CAP M3
8	8Z-ZM3-228-010		FLY-WHL, M3
9	8Z-ZM3-231-010		SPR-T, TRIG
10	8Z-ZM3-213-010		CLR, MG
11	8Z-ZM3-616-010		RING MAGNET 4
12	8Z-ZM3-243-010		LEVER ASSY, HD UP
13	8Z-ZM3-238-010		SPR-T, HD UP
14	8Z-ZM3-219-010		GEAR, CAM M3
15	8Z-ZM3-206-010		LEVER, TRIG
16	8Z-ZM3-209-010		LEVER, CAM FR
17	8Z-ZM2-211-010		FLY-WHL, ZM-2
18	8Z-ZM1-228-010		GEAR, SLIP T-UP B
19	8Z-ZM1-265-010		FELT, T-UP
20	8Z-ZM1-227-010		GEAR, SLIP T-UP A
21	8Z-ZM1-251-110		SPR-C, T-UP SLIP
22	8Z-ZM1-275-010		W-L, 1, 47-4-0.25
23	8Z-ZM1-257-010		SPR-C, F/R
24	8Z-ZM1-236-010		CLR, SLIP FF/REW
25	8Z-ZM3-226-010		SPR-C, FR M3
26	8Z-ZM3-250-010		GEAR, SLIP F/R A M3
27	8Z-ZM1-269-010		FELT, FF/REW 2
28	8Z-ZM1-238-110		GEAR, SLIP FF/REW B 2
29	8Z-ZM3-220-010		LEVER, FR M3
30	8Z-ZM3-205-010		LEVER, PLAY M3

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
31	8Z-ZM3-233-010		SPR-T, BRG M3
32	84-ZM2-227-310		SPR-C, AZIMUTH
33	87-A90-403-110		HEAD, RPH MS15R
34	87-A90-404-010		HEAD, EH LE15B
35	8Z-ZM3-239-010		SPR-E, FR
36	8Z-ZM3-211-010		LEVER, EJECT R
37	8Z-ZM3-225-010		LEVER, STOP
38	8Z-ZM3-221-010		LEVER, CAS
39	8Z-ZM3-234-010		SPR-T, LVR CAS
40	8Z-ZM3-223-010		SPR-C, REEL R M3
41	8Z-ZM1-225-110		GEAR, REEL R
42	8Z-ZM3-240-010		SPR-T, T-UP M3
43	8Z-ZM3-237-010		SPR-T, PINCH M3
44	8Z-ZM3-215-010		LEVER, PINCH M3
45	8Z-ZM1-261-110		ROLLER ASSY, PINCH
46	8Z-ZM1-226-010		GEAR, REEL L
47	8Z-ZM3-222-010		SPR-C, REEL L M3
48	8Z-ZM3-251-010		GEAR, IDL REW M3
49	8Z-ZM3-236-010		SPR-T, PLAY M3
50	8Z-ZM1-240-110		LVR, REC (*)
51	8Z-ZM3-216-010		LEVER, T-UP M3
52	87-B10-301-010		W-L, 1.63-3.2-05 SLIT
53	8Z-ZM3-212-010		LEVER, EJECT L
54	8Z-ZM3-214-010		HLDR, IC
55	86-ZM3-605-110		CONN ASSY, 8P -RPB
56	8Z-ZM3-203-010		CHAS ASSY, M3
A	84-ZM2-242-010		S-SCREW, AZ1-2-6.4
B	8Z-ZM2-220-110		V+2.6 ZM-2



MECHANICAL PARTS LIST 1 / 1 <LH>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NF8-014-010		WINDOW, CASS 1	41	8A-NF8-206-010		HLDR, PWB M
2	8A-NF8-015-010		WINDOW, CASS 2	42	87-NF4-217-110		HLDR, LOCK 2
3	8A-NF8-042-010		BOX, CASS 1H	43	8A-NF7-112-010		PANEL, RIGHT V-2
4	8A-NF8-043-010		BOX, CASS 2H	44	88-906-251-110		FF-CABLE, 6P 1.25
5	82-NF5-218-010		SPR-T, EJECT 1 (SIN)	45	84-ZG1-245-210		CAP, OPTICAL
6	82-NF5-219-010		SPR-T, EJECT 2 (SIN)	46	8A-NFV-015-010		PANEL, REAR LHSM
7	81-532-080-010		LABEL, CASS. COMPT	47	8A-NHU-053-010		COVER, REAR H
8	8A-NF8-019-010		KNOB, RTRY JOG	48	87-084-077-010		NYLON RIVET, 3.5-4.5
9	8Z-NF6-210-010		DMPR, 150 N	49	87-064-185-010		HLDR, WIRE
10	8A-NFV-014-010		CABI, FR EZ	50	8A-NF6-219-010		HLDR, FAN
11	8A-NF8-034-010		PANEL, DIRECT	51	87-A91-711-010		FAN, 3110GL-B4W-B34-H02-400MM
12	82-NF5-229-010		PLATE, LOCK	52	8A-NF6-217-010		HLDR, PWB PT
13	8A-NFV-004-010		PANEL, FR H	53	87-085-221-010		FOOT, H13.5
14	8A-NFV-012-010		WINDOW, DISP H	54	8A-NF7-208-010		HLDR, HT R
15	87-CE3-023-010		BADGE, AIWA 30N SILV	55	8A-NF7-207-010		HLDR, HT L
16	8A-NF8-009-010		PANEL, CD	56	8A-NF7-226-010		HLDR, IC2-T2
17	8A-NF8-007-010		PANEL, LEFT V-2	57	8Z-NB8-254-010		COVER, PL M3
18	8A-NF8-005-010		PANEL, TOP	58	8Z-NB8-240-010		COVER, PL
19	8A-NF8-006-010		WINDOW, TOP	59	87-085-185-010		BUSHING, AC CORD (E)
20	8A-NF8-010-010		PANEL, TRAY	60	8A-NF7-209-010		HLDR, PWB-M BTM
21	8A-NF8-011-010		WINDOW, TRAY	61	87-NF4-221-010		HLDR, CABLE
22	88-NF8-205-010		GUIDE, FL	62	87-A80-092-010		AC CORD ASSY, E BLK SUN FAI
23	8A-NF8-020-010		KEY, FUN	63	87-067-001-010		FW, 3.1-5.4-1
24	8A-NF8-018-110		REFLECTOR, FUN	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
25	8A-NF8-016-010		KEY, POWER	B	87-NF4-224-010		S-SCREW, IT3B+3-8 CU
26	8A-NF8-031-110		KEY, DISC	C	87-067-581-010		TAPPING SCREW, BVT2+3-15
27	8A-NF8-032-010		CAP, DISC	D	87-067-688-010		BVTT+3-6
28	8A-NF8-017-010		REFLECTOR, ECO	E	87-723-096-410		QT2+3-10W/O SLOT BL
29	8A-NF8-022-010		KEY, GEQ	F	87-067-641-010		UTT2+3-8 (W/O SLOT) BL
30	8A-NF8-036-010		KEY, ASSY OPE REV	G	87-078-191-010		S-SCREW, IT+4-10
31	8A-NF8-203-010		GUIDE, OPE REV	H	87-721-097-410		QT2+3-12 GLD
32	8A-NF8-201-010		GUIDE, FUN	I	87-591-095-410		TAPPING SCREW, QIT+3-8 (GLD)
33	88-915-101-110		FF-CABLE, 15P 1.25 100MM	J	87-067-584-010		TAPPING SCREW, BVT2+3-6
34	88-913-301-110		FF-CABLE, 13P-1.25	K	87-067-001-010		S-SCREW BVVWST2+3-8
35	8A-NF8-037-010		KEY, CD EDIT H	L	87-067-689-010		BVTT+3-8
36	8A-NFV-006-010		KEY, PRO				
37	8A-NF8-029-110		KEY, OPEN				
38	8A-NFV-005-010		KEY, MIC				
39	87-NF4-216-010		HLDR, LOCK 1				
40	86-NF9-224-010		SPR-C, LOCK				

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		

Exploded view diagram of a tape deck assembly. The diagram shows the following components and their assembly sequence:

- 1**: Main base plate.
- 2**: Spring.
- 3**: Lever assembly.
- 4**: Bracket.
- 5**: Lever.
- 6**: Bracket.
- 7**: Base plate.
- 8**: Spring.
- 9**: Bracket.
- 10**: Spring.
- 11**: Lever.
- 12**: Spring.
- 13**: Bracket.
- 14**: Screw.
- 15**: Lever.
- 16**: Spring.
- 17**: Spring.
- 18**: Lever.
- 19**: Bracket.
- 20**: Lever.
- 21**: Spring.
- 22**: Spring.
- 23**: Spring.
- 24**: Lever.
- 25**: Lever.
- 26**: Lever.
- 27**: Lever.
- 28**: Spring.
- 29**: Lever (DECK 2).
- 30**: Lever.
- 31**: Lever.
- 32**: Lever.
- 33**: Lever.
- 34**: Lever.
- 35**: Lever.
- 36**: Lever (DECK 1).
- 37**: Lever.
- 38**: Lever.
- 39**: Lever.
- 40**: Lever.
- 41**: Lever.
- 42**: Lever (PH/DECK 1, RPH/DECK 2).

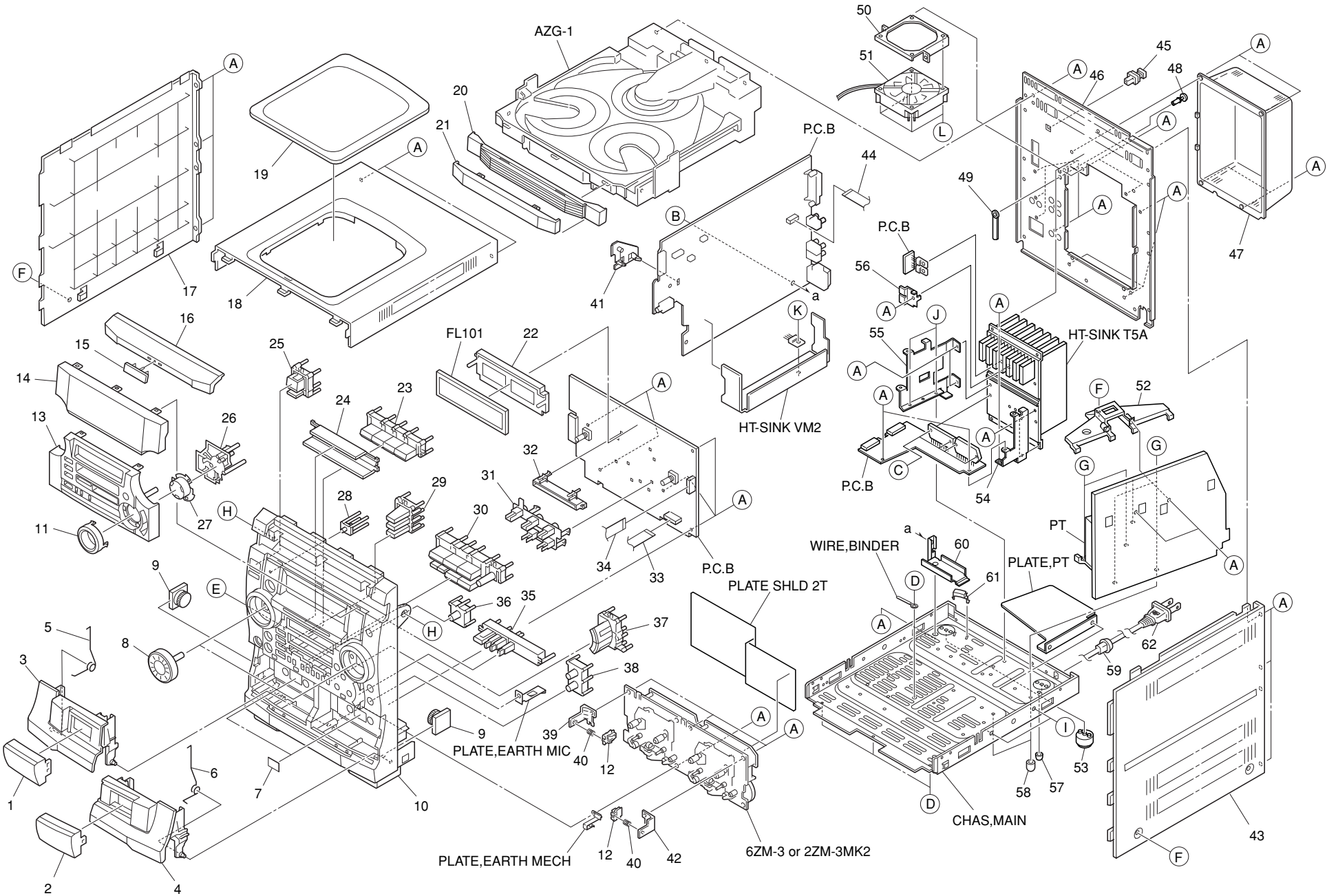
Assembly sequence:

- Install component 1 on the base plate.
- Install component 2 on component 1.
- Install component 3 on component 1.
- Install component 4 on component 1.
- Install component 5 on component 1.
- Install component 6 on component 1.
- Install component 7 on component 1.
- Install component 8 on component 1.
- Install component 9 on component 1.
- Install component 10 on component 1.
- Install component 11 on component 1.
- Install component 12 on component 1.
- Install component 13 on component 1.
- Install component 14 on component 1.
- Install component 15 on component 1.
- Install component 16 on component 1.
- Install component 17 on component 1.
- Install component 18 on component 1.
- Install component 19 on component 1.
- Install component 20 on component 1.
- Install component 21 on component 1.
- Install component 22 on component 1.
- Install component 23 on component 1.
- Install component 24 on component 1.
- Install component 25 on component 1.
- Install component 26 on component 1.
- Install component 27 on component 1.
- Install component 28 on component 1.
- Install component 29 on component 1.
- Install component 30 on component 1.
- Install component 31 on component 1.
- Install component 32 on component 1.
- Install component 33 on component 1.
- Install component 34 on component 1.
- Install component 35 on component 1.
- Install component 36 on component 1.
- Install component 37 on component 1.
- Install component 38 on component 1.
- Install component 39 on component 1.
- Install component 40 on component 1.
- Install component 41 on component 1.
- Install component 42 on component 1.



TAPE MECHANISM PARTS LIST 1 / 1 <LH>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	82-ZM3-301-610		CHAS ASSY,M2	31	82-ZM1-255-310		SPR-E,LVR DIR
2	82-ZM1-258-210		SPR-T,PINCH L	32	82-ZM3-305-210		GEAR,CAM M2
3	82-ZM1-341-210		LVR ASSY,PINCH L2	33	82-ZM1-227-310		LVR,TRIG
4	82-ZM1-333-210		PLATE,LINK2	34	82-ZM3-306-110		LVR,FR M2
5	82-ZM1-266-310		LVR,DIR	35	82-ZM1-265-310		SPR-E,TRIG
6	82-ZM1-214-010		SPR-T,DIR	36	82-ZM3-339-110		SHAFT,COUPLER N3
7	82-ZM1-206-910		CHAS,HEAD	37	86-ZM1-206-010		BELT,MAIN L
8	82-ZM3-335-310		PULLEY,COUPLER M3	38	82-ZM1-322-010		SPR-T,FR 60
9	82-ZM1-269-210		SPR-T,BRG	39	82-ZM1-220-210		GEAR,IDLER
10	82-ZM1-219-110		SPR-T,LINK	40	82-ZM3-616-010		RING MAGNET 4
11	82-ZM1-210-110		GEAR,H T	41	82-ZM1-216-410		GEAR,REEL
12	82-ZM1-213-010		SPR-T,HEAD	42	87-A90-820-010		HEAD,PH HADKH25 FPC
13	82-ZM1-207-910		GUIDE,TAPE	42	87-A90-821-010		HEAD,RPH HADKH56 FPC
14	86-ZM4-206-010		S-SCREW,AZIMUTH L	43	82-ZM1-225-210		GEAR,FR
15	82-ZM1-314-110		PLATE,HEAD	44	82-ZM1-226-010		GEAR,REW
16	82-ZM1-208-310		HLDR,HEAD	45	82-ZM3-333-310		SLIP DISK ASSY 2
17	82-ZM1-218-010		SPR-E,HB	46	82-ZM1-338-110		BELT,FR 4
18	82-ZM3-342-010		BELT,SBU MOT 3	47	82-ZM1-349-110		FLY-WHL,R W
19	82-ZM1-222-210		LVR,PLAY	47	82-ZM1-348-110		FLY-WHL,L W
20	82-ZM1-217-410		REEL TABLE	48	82-ZM3-338-310		FLY-WHL,R3W
21	82-ZM1-244-510		SPR-C,BT	49	82-ZM3-329-410		BELT,SBU R2
22	82-ZM1-285-410		SPR-C,BT L	50	82-ZM1-618-410		SOL ASSY,27
23	82-ZM1-257-010		SPR-T,CAS	51	87-045-347-010		MOT,SHU2L 70
24	82-ZM1-241-310		LVR,MC	52	82-ZM3-221-210		PULLEY,MOT 2M
25	82-ZM1-242-010		LVR,CAS	A	85-ZM3-202-010		S-SCREW,TG
26	82-ZM1-243-010		LVR,STOP	B	80-ZM6-207-010		V+1.6-7
27	82-ZM1-344-010		LVR ASSY,PINCH R2	C	82-ZM3-318-110		S-SCREW W,MOTOR M2
28	82-ZM1-259-210		SPR-T,PINCH R	D	87-B10-043-010		W-P,0.99-4-0.25 SLT
29	82-ZM1-240-110		LVR,REC(*)	E	82-ZM3-334-010		PW 2.16-6-0.4
30	80-ZM6-243-010		SH 1.75-3.6-0.5 SLT				



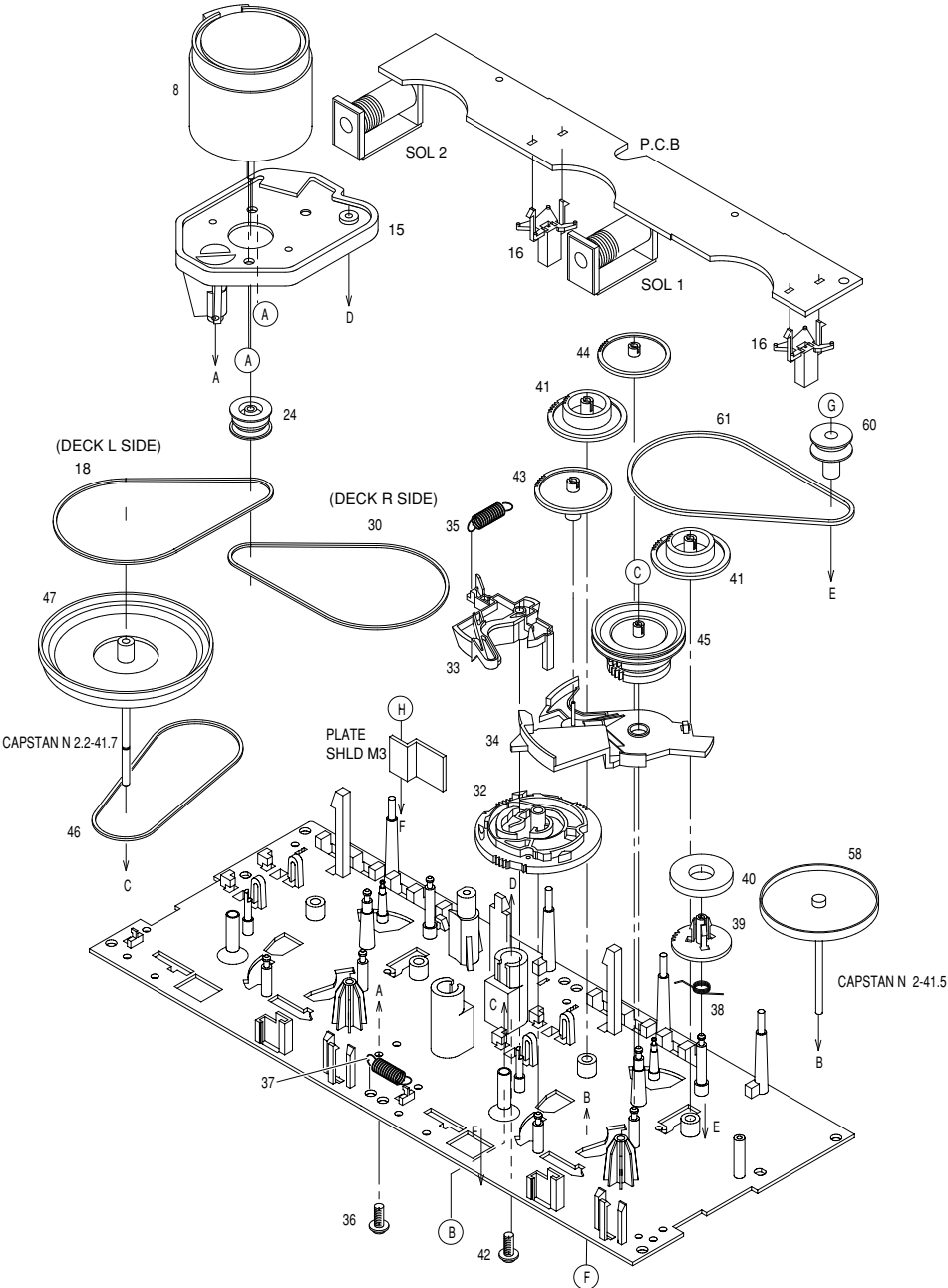
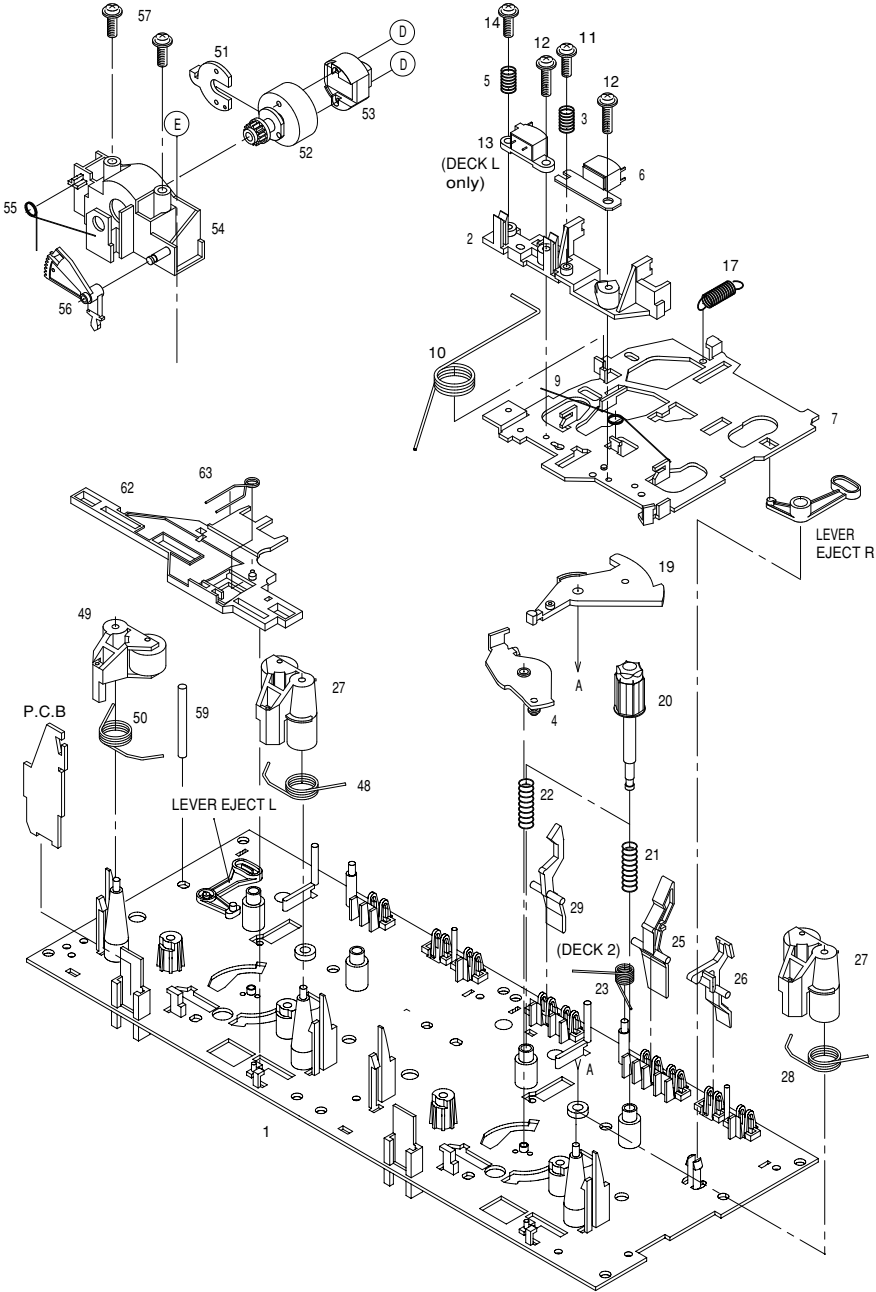
MECHANICAL PARTS LIST 1 / 1 <EZ, K>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NF8-014-010		WINDOW, CASS 1	36	8A-NFV-006-010		KEY, PRO
2	8A-NF8-015-010		WINDOW, CASS 2	37	8A-NF8-029-010		KEY, OPEN
3	8A-NF8-042-010		BOX, CASS 1H	38	8A-NFV-005-010		KEY, MIC
4	8A-NF8-004-010		BOX, CASS 2 U	39	87-NF4-216-010		HLDR, LOCK 1
5	8A-NF8-207-010		SPR-T, EJECT 1	40	86-NF9-224-010		SPR-C, LOCK
6	8A-NF8-208-010		SPR-T, EJECT 2	41	8A-NF8-206-010		HLDR, PWB M
7	81-532-080-010		LABEL, CASS. COMPT	42	87-NF4-217-110		HLDR, LOCK 2
8	8A-NF8-019-010		KNOB, RTRY JOG	43	8A-NF7-112-010		PANEL, RIGHT V-2
9	8A-NF8-209-010		OIL-DMPR, 120	44	88-906-251-110		FF-CABLE, 6P 1.25
10	8A-NFV-001-010		CABI, FR U	45	84-ZG1-245-210		CAP, OPTICAL
11	8A-NF8-034-010		PANEL, DIRECT	46	8A-NFV-022-010		PANEL, REAR EZSM<EZSM>
12	82-NF5-229-010		PLATE, LOCK	46	8A-NFV-024-010		PANEL, REAR KSM<KSM>
13	8A-NFV-003-010		PANEL, FR EZ	47	8A-NHU-053-010		COVER, REAR H
14	8A-NFV-011-010		WINDOW, DISP E	48	87-084-077-010		NYLON RIVET, 3.5-4.5
15	87-CE3-023-010		BADGE, AIWA 30N SILV	49	87-064-185-010		HLDR, WIRE
16	8A-NF8-009-010		PANEL, CD	50	8A-NF6-219-010		HLDR, FAN
17	8A-NF8-007-010		PANEL, LEFT V-2	51	87-A91-711-010		FAN, 3110 GL-B4W, B34H
18	8A-NF8-005-010		PANEL, TOP	52	8A-NF6-217-010		HLDR, PWB PT
19	8A-NF8-006-010		WINDOW, TOP	53	87-085-221-010		FOOT, H13.5
20	8A-NF8-010-010		PANEL, TRAY	54	8A-NF7-208-010		HLDR, HT R
21	8A-NF8-011-010		WINDOW, TRAY	55	8A-NF7-207-010		HLDR, HT L
22	88-NF8-205-010		GUIDE, FL	56	8A-NF7-226-010		HLDR, IC2-T2
23	8A-NF8-020-010		KEY, FUN	57	8Z-NB8-254-010		COVER, PL M3
24	8A-NF8-018-110		REFLECTOR, FUN	58	8Z-NB8-240-010		COVER, PL
25	8A-NF8-016-010		KEY, POWER	59	87-085-185-010		BUSHING, AC CORD (E)
26	8A-NF8-031-110		KEY, DISC	60	8A-NF7-209-010		HLDR, PWB-M BTM
27	8A-NF8-032-010		CAP, DISC	61	87-NF4-221-010		HLDR, CABLE
28	8A-NF8-017-010		REFLECTOR, ECO	62	87-A80-143-010		AC CORD ASSY, E BLK<KSM>
29	8A-NF8-022-010		KEY, GEQ	62	87-A80-092-010		AC CORD ASSY, E BLK SUN FAI<EZSM>
30	8A-NF8-036-010		KEY, ASSY OPE REV	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
31	8A-NF8-203-010		GUIDE, OPE REV	B	87-NF4-224-010		S-SCREW, IT3B+3-8 CU
32	8A-NF8-201-010		GUIDE, FUN	C	87-067-581-010		TAPPING SCREW, BVT2+3-15
33	88-911-101-110		FF-CABLE, 11P 1.25	D	87-067-688-010		BVTT+3-6
34	88-913-301-110		FF-CABLE, 13P-1.25	E	87-723-096-410		QT2+3-10W/O SLOT BL
35	8A-NFV-009-010		KEY, CD EDIT E	F	87-067-641-010		UTT2+3-8 (W/O SLOT) BL
				G	87-078-191-010		S-SCREW, IT+4-10
				H	87-721-097-410		QT2+3-12 GLD
				I	87-591-095-410		TAPPING SCREW, QIT+3-8 (GLD)
				J	87-067-584-010		TAPPING SCREW, BVT2+3-6
				K	87-067-001-010		S-SCREW BVWWST2+3-12
				L	87-067-689-010		BVTT+3-8

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		

TAPE MECHANISM EXPLODED VIEW 1 / 1 <EZ, K>



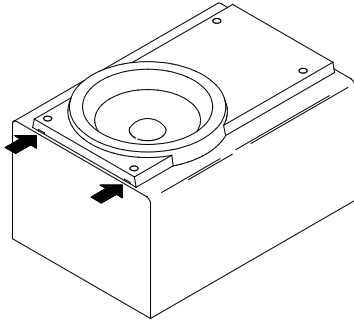
TAPE MECHANISM PARTS LIST 1 / 1 <EZ, K>

REF.NO.	PART NO.	KANRI NO.	DESCRIPTION	REF.NO.	PART NO.	KANRI NO.	DESCRIPTION
1	86-ZM3-215-010		CHAS ASSY,RS	41	82-ZM1-216-310		GEAR, REEL
2	86-ZM3-202-010		BASE, HEAD S	42	86-ZM3-213-010		S-SCREW, HLDR, MOT 3
3	86-ZM3-205-010		SPR-C, RPH S	43	82-ZM1-225-210		GEAR, FR
4	82-ZM1-333-210		PLATE, LINK 2	44	82-ZM1-226-010		GEAR, REW
5	86-ZM3-206-010		SPR-C, EH S	45	82-ZM3-333-310		SLIP DISK ASSY 2
6	87-A90-403-010		HEAD, RPH MS15R	46	82-ZM1-338-010		BELT FR4
7	86-ZM3-201-010		CHAS, HEAD S (DECK L)	47	82-ZM1-349-010		FLY-WHL RW (DECK L)
7	82-ZM3-206-910		BELT, R	47	82-ZM3-338-010		FLY-WHL R3W (DECK R)
8	87-045-347-010		MOT, SHU2L 70 (M1)	48	82-ZM1-259-210		SPR-T, PINCH R
9	82-ZM1-269-210		SPR-T, BRG	49	82-ZM1-341-110		LVR ASSY, PINCH L2
10	82-ZM1-219-110		SPR-T, LINK	50	82-ZM1-258-210		SPR-T, PINCH L
11	86-ZM3-209-010		S-SCREW, ASIMUTHS	51	82-ZM1-314-110		PLATE, HEAD
12	86-ZM3-207-010		S-SCREW, RPH	52	82-ZM1-208-310		HLDR, HEAD
13	87-A90-404-010		HEAD, EH LE15B	53	87-A90-366-010		HEAD, PH YK50P-BF414
14	86-ZM3-208-010		S-SCREW, EH	54	82-ZM1-207-810		GUIDE TAPE
15	86-ZM3-203-010		HLDR, MOTS	55	82-ZM1-213-010		SPR-T, HEAD
16	82-ZM1-245-210		HLDR, IC	56	82-ZM1-210-110		GEAR, HT
17	82-ZM1-218-010		SPR-E, HB	57	86-ZM4-206-010		S-SCREW AZIMUTH L
18	86-ZM3-214-010		BELT, SUB RR	58	82-ZM1-348-010		FLY-WHL, LW
19	82-ZM1-222-210		LVR, PLAY	59	82-ZM3-339-010		SHAFT, COUPLER N3
20	82-ZM1-217-410		REEL TABLE	60	82-ZM3-335-210		PULLEY, COUPLER M3
21	82-ZM1-244-510		SPR-C, BT	61	86-ZM1-206-010		BELT, MAIN L
22	82-ZM1-285-410		SPR-C, BT L	62	82-ZM1-266-110		LVR, DIR
23	82-ZM1-257-010		SPR-T, CAS	63	82-ZM1-214-010		SPR-T, DIR
24	82-ZM3-221-010		PULLEY, MOT 2M	A	87-251-071-410		U+2.6-4
25	82-ZM1-242-010		LVR, CAS	B	80-ZM6-243-010		SH, 1.75-3.6-0.5 SLT
26	82-ZM1-243-010		LVR, STOP	C	82-ZM3-334-010		PW, 2.16-6-0.4
27	82-ZM1-344-110		LVR ASSY, PINCH	D	80-ZM6-207-010		V+1.6-7
28	86-ZM3-204-010		SPR-T, PINCHDS	E	85-ZM3-202-010		S-SCREW TG
29	82-ZM1-240-110		LVR, REC (DECK 2)	F	82-ZM1-288-010		SH, 1.63-3.2-0.5 SLT
30	86-ZM3-210-010		BELT, RS	G	87-B10-043-010		W-P, 0.99-4-0.25 SLT
32	82-ZM3-305-110		GEAR, CAM M2	H	87-571-032-410		VIT+2-3
33	82-ZM1-227-310		LVR, TRIG				
34	82-ZM3-306-110		LVR, FR M2				
35	82-ZM1-265-110		SPR-E, TRIG				
36	87-761-073-410		VFT2+2.6-6 W/O SLOT				
37	82-ZM1-255-310		SPR-E, LVR DIR				
38	82-ZM1-322-010		SPR-T, FR60				
39	82-ZM1-220-210		GEAR, IDLER				
40	82-ZM3-616-010		RING MAGNET 4				

SPEAKER DISASSEMBLY INSTRUCTIONS

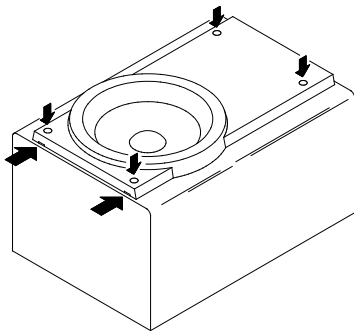
Type.1

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.



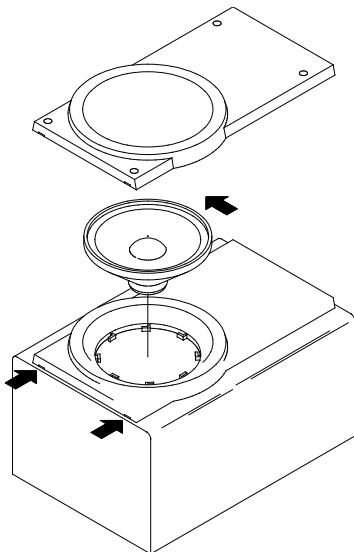
Type.2

Remove the grill frame and four pieces of rubber caps by pulling out with a flat-bladed screwdriver. Remove the screws from hole where installed rubber caps. Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.

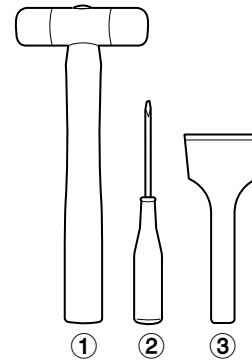


Type.3

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Turn the speaker unit to counter-clockwise direction while inserting a flat-bladed screwdriver into one of the hollows around speaker unit, and then remove the speaker unit. After replacing the speaker unit, install it turning to clockwise direction until "click" sound comes out.



Type.4



TOOLS

- ① Plastic head hammer
- ② (⊖) flat head screwdriver
- ③ Cut chisel

How to Remove the PANEL, FR

1. Insert the (⊖) flat head screwdriver tip into the gap between the PANEL, FR and the PANEL, SPKR. Tap the head of the (⊖) flat head screwdriver with the plastic hammer head, and create the clearance as shown in Fig-1.
2. Insert the cut chisel in the clearance, and tap the head of the cut chisel with plastic hammer as shown in Fig-2, to remove the PANEL, FR.
3. Place the speaker horizontally. Tap head of the cut chisel with plastic hammer as shown in Fig-3, and remove the PANEL, FR completely.

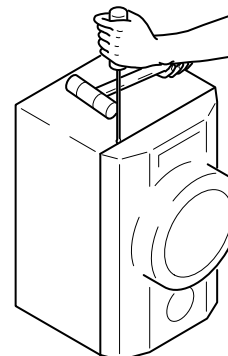


Fig-1

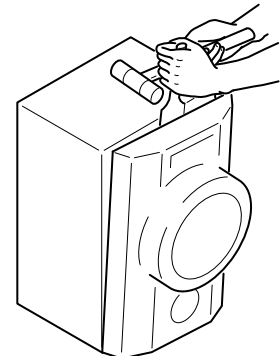


Fig-2

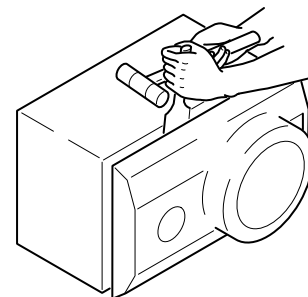


Fig-3

How to Attach the PANEL, FR

Attach the PANEL, FR to the PANEL, SPKR. Tap the four corners of the PANEL, FR with the plastic hammer to fit the PANEL, FR into the PANEL, SPKR completely.

SPEAKER PARTS LIST (SX-WNAJ50) <YLSL, YUSC9>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-DS8-001-010	PANEL, FR<YLSL>	
1	8A-NS8-009-010	PANEL, FR U<YLSL>	
2	8A-DS8-004-010	PANEL, DUCT	
3	8A-NSA-003-010	GILLE, FRAME ASSY<YUSL>	
3	8A-NS8-006-010	GILLE, FRAME ASSY U<YUSC9>	
4	8A-NSJ-006-010	BADGE, AIWA S35	
5	8A-DS8-009-010	PROTECTOR	
6	88-NS5-610-010	CORD, SPKR	
7	88-NS5-611-010	CORD, SPKR B/L	
8	8Z-NSY-003-010	CORD, BUSH	
9	88-NS3-029-010	CORD, BUSH L	
10	8Z-NS7-602-010	SPKR, W 160	
11	8Z-NSY-604-010	SPKR, M 100<YUSL>	
11	8A-NS8-604-010	SPKR, M 100<YUSC9>	
12	8Z-NSY-608-010	SPKR, CERAMIC ASSY	

SX-CR677 <YSTC>

NOTE: This SX-CR677 speaker contains SX-C607 (center speaker) and SX-R277 (rear speaker).

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8Z-YS1-002-010	GILLE, FRAME ASSY<277>	
2	81-VSA-009-010	CORD, BUSH<277>	
3	87-010-384-010	CAP, E 100-25 M SME<277>	
4	87-YS6-002-010	SPKR, CORD Y<277>	
5	8Z-YS1-601-010	SPKR, 100<277>	
6	87-YS7-012-010	PANEL, FR S<607>	
7	81-VSA-009-010	CORD, BUSH<607>	
8	87-YS3-003-010	GRILLE, FRAME ASSY<607>	
9	83-NSM-010-010	SPKR, CORD<607>	
10	87-YS7-602-010	SPKR, 100<607>	

SX-C605 <YUSTNC, YUSTNL>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-YS3-001-010	PANEL, FR ST	
2	87-YS3-002-010	PANEL, REAR ST	
3	81-VSA-009-010	CORD, BUSH	
4	87-YS3-003-010	GILLE, FRAME ASSY	
5	83-NSM-010-010	CORD, SPKR	
6	87-YS7-602-010	SPKR, 100<YUSTNC>	
6	87-YS7-604-010	SPKR, 100<YUSTNL>	
7	87-YS7-903-010	IB, YU (ESF) 0<YUSTNC>	

SX-NDP54 <YBL>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NSV-001-010	PANEL, FR R	
2	8A-NSV-002-010	PANEL, FR L	
3	8A-NSV-004-010	GRILLE, FRAME ASSY R	
4	8A-NSV-008-010	GRILLE, FRAME ASSY L	
5	8A-NSV-012-010	PROTECTOR, TW	
6	8Z-CL5-543-010	CORD, SP	
7	87-NSS-602-010	SPKR, W 160	
8	88-SSM-603-010	SPKR, TW 60	

SX-R275 <YUSTNC, YUSTNL, YUSTNP>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-YS1-001-010	PANEL, REAR	
2	87-YS1-004-010	GILLE, FRAME ASSY	
3	81-VSA-009-010	CORD, BUSH	
4	87-010-384-010	CAP, E 100-25 M SME	
5	87-YS6-002-010	CORD, SPKR Y	
6	87-YS6-601-010	SPKR, 100	
7	87-YS6-903-010	IB, YU (ESF) 0<YUSTNC>	
7	87-YS6-904-010	IB, YU (ESF) P<YUSTNP>	
7	87-YS6-913-010	IB, YU (ESF) T<YUSTNL>	

SX-NSZ52 <YLSL>

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NSJ-001-010	PANEL, FR R	
2	8A-NSJ-002-010	PANEL, FR L	
3	8A-NSJ-003-010	GILLE, FRAME ASSY	
4	87-NS7-611-010	CORD, SPKR	
5	8A-NSJ-602-010	SPR, W 130	
6	88-NS5-605-010	SPKR, T 60	
7	88-MS1-608-010	SPKR, CERAMIC	



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