

SERVICE MANUAL

CD STEREO SYSTEM

BASIC TAPE MECHANISM : 6ZM-3 PR4NM1
BASIC CD MECHANISM : BZG-5 ZD5GNDM1

SYSTEM	CD CASSEIVER	SPEAKER	REMOTE CONTROLLER
NSX-R72	CX-NR70	SX-NR70	RC-CAS01

aiwa

S/M Code No. 09-028-452-3N5



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SPECIFICATIONS -1/1

MAIN UNIT CX-NR72

TUNER

FM tuning range	FM1 (OIRT): 65 MHz to 74 MHz (10 kHz step) FM2 (CCIR): 87.5 MHz to 108 MHz(50 kHz step)
FM usable sensitivity (IHF)	FM1: 15.3 dBf FM2: 12.8 dBf
FM antenna terminal	75 ohms (unbalanced)
AM tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
AM usable sensitivity	350 μ V/m
AM antenna	Loop antenna

AMPLIFIER

Power output	Rated: 64 W + 64 W (6 ohms, T.H.D. 1%, 1 kHz/DIN 45500) Reference: 80 W + 80 W (6 ohms, T.H.D. 10 %, 1 kHz/DIN 45324)
Total harmonic distortion	0.08 % (32 W, 1 kHz, 6 ohms, DINAUDIO)
Input	VIDEO/AUX: 500 mV
Outputs	SPEAKERS: 6 ohms or more CD DIGITAL OUT (OPTICAL) PHONES: 32 ohms or more

CASSETTE DECK

Track format	4 tracks, 2 channels stereo
Frequency response	50 Hz - 15 kHz
Recording system	AC bias
Heads	DECK 1: playback x 1 DECK 2: recording/playback x 1, erase x 1

CD PLAYER

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

GENERAL

Power requirements	230 V AC, 50 Hz
Power consumption	105 W
Power consumption	With ECO mode on: 0.6 W in standby mode With ECO mode off: 20 W
Dimensions (W x H x D)	260 x 324 x 360 mm
Weight	7.1 kg

FRONT SPEAKERS SX-NR70

Speaker system	3 way, bass reflex (magnetic shielded)
Speaker units	Woofers: 160 mm cone Tweeter: 60 mm cone Super tweeter: 20 mm ceramic x 2
Impedance	6 ohms
Dimensions (W x H x D)	250 x 324 x 260 mm
Weight	4.2 kg

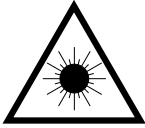
- Specifications and external appearance are subject to change without notice.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING -1/1

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 käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

WARNING!

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

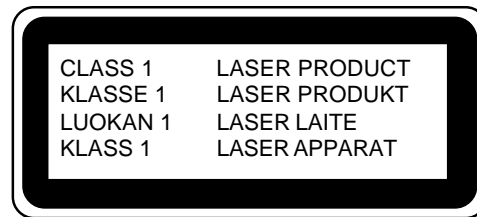
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

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.

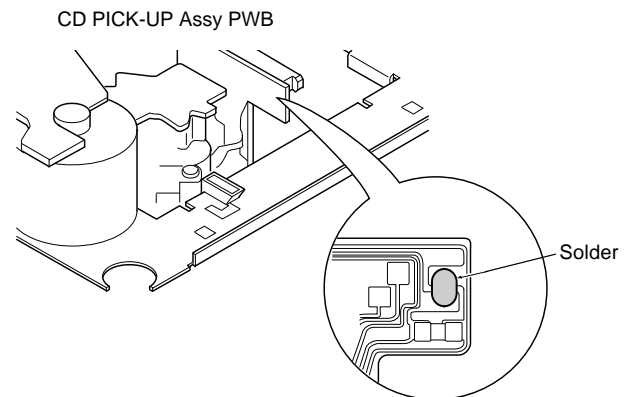


Precaution to replace Optical block

(KSM-213RSCM)

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.

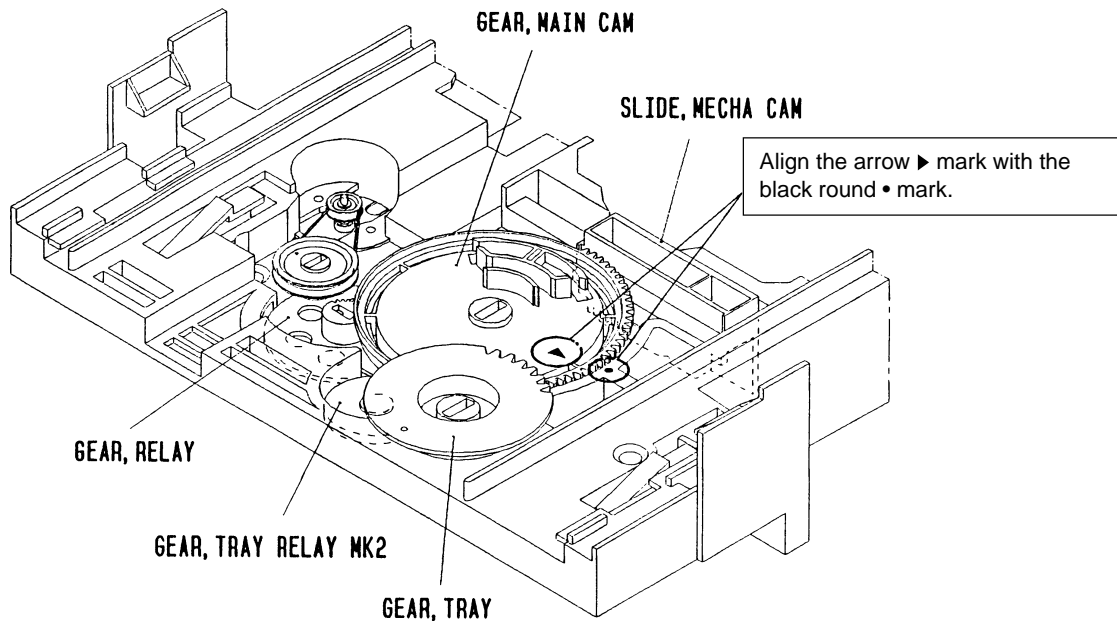
- 1) After the connection, remove solder shown in right figure.



HOW TO ADJUST THE ROTATING PHASE OF THE GEAR, MAIN CAM -1/1

- 1) Push down the hooking catch of the CHAS. MECH, and remove the TRAY.
- 2) Align the arrow mark of the Gear, Main Cam with the black round mark of the CHAS, MECHA as shown below.
- 3) Confirm that the Slide, Mech Cam is located in the right position, then insert the TRAY gently.

Caution: If the rotating phase of the Gear, Main Cam is incorrectly adjusted, the chucking operation and tray movement will have malfunction.



NOTE ON BEFORE STARTING REPAIR -1/2

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.

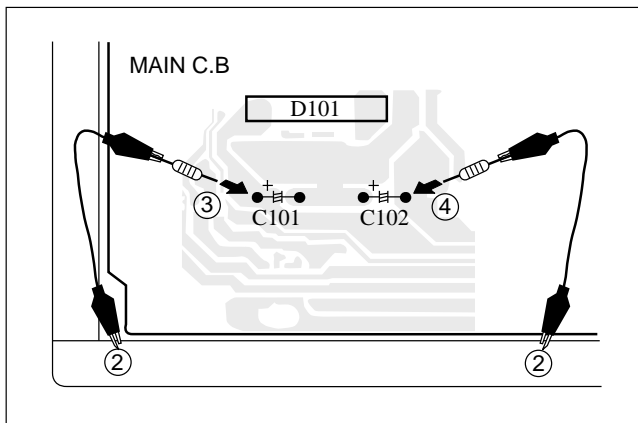


Fig-1

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.

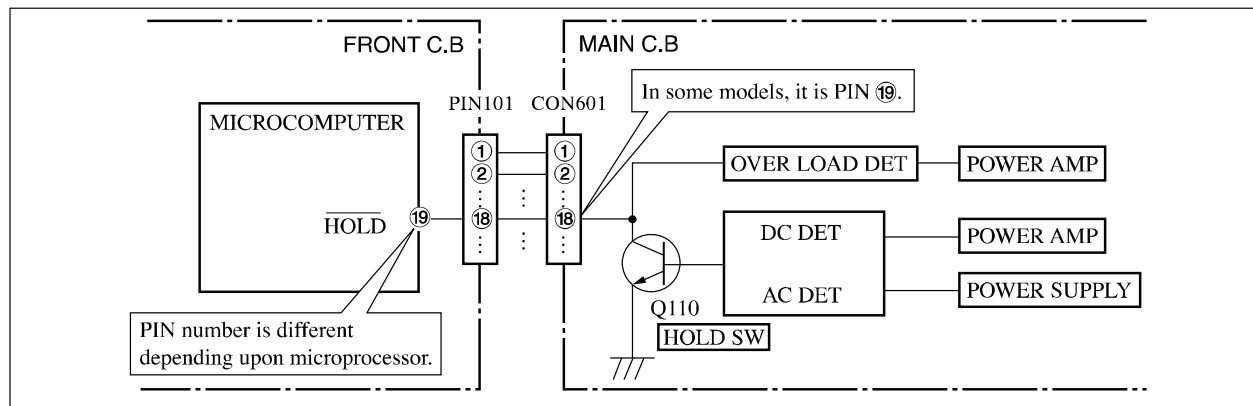


Fig-2-1

NOTE ON BEFORE STARTING REPAIR -2/2

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.

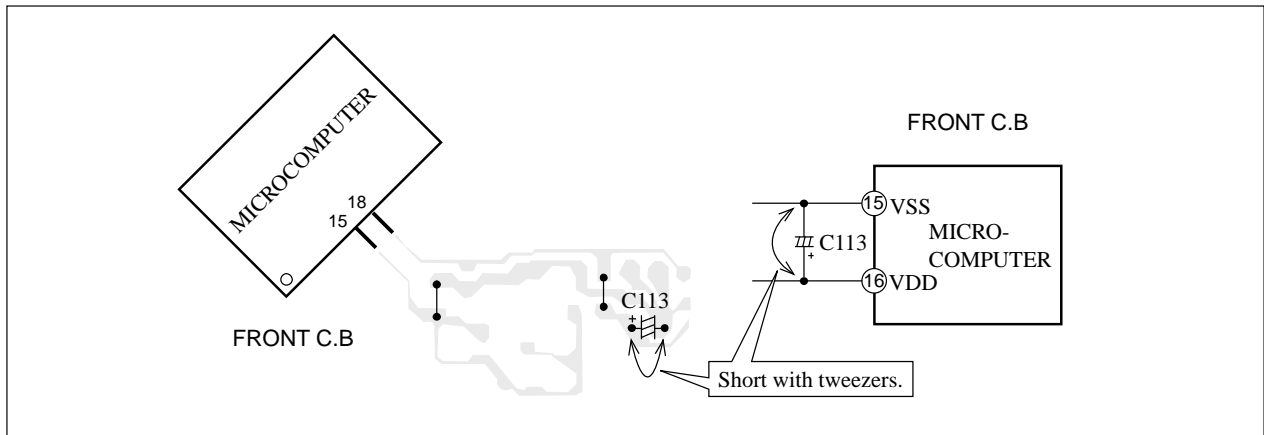


Fig-2-2

- 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.

ACCESSORIES PARTS LIST -1/1

- ! = Δ SAFTY PARTS
- C = Components marked

All components used on this model at the production line are shown in this service manual.
 However, please note that not all components will be available as spare parts for after-sales service.
 Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
 Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72
					VSM1
	O	AS1001	8C-NF6-907-010	IB,V(ER)M NSX-R72	a
	O	AS1002	8B-NF1-701-210	RC UNIT,CAS01	a
	O	AS1003	87-A92-345-110	ANT,WIRE FM (SEMI-ST)	a
	O	AS1004	87-006-225-110	ANT,LOOP ANT NC2	a

ELECTRICAL PARTS LIST - 1/17

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
3CD	O C	0001	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0002	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0003	87-A10-915-080	C-CAP,U 1000P-25 J CH	a
3CD	O C	0004	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0005	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0006	87-A12-091-080	CAP,E 10-50 SMG	a
3CD	O C	0101	87-A10-504-080	C-CAP,U 0.047-16 K B	a
3CD	O C	0102	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0103	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a
3CD	O C	0104	87-012-282-080	C-CAP,U 4700P-50 K B GRM	a
3CD	O C	0105	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0106	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0107	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0108	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0109	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0110	87-A12-091-080	CAP,E 10-50 SMG	a
3CD	O C	0111	87-A12-087-080	CAP,E 1-50 SMG	a
3CD	O C	0114	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a
3CD	O C	0115	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0116	87-A12-062-080	CAP,E 100-10 SMG	a
					CX-SNR72 VSM1
3CD	O C	0117	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0118	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0121	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0122	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0123	87-012-176-080	C-CAP,U 15P-50 J CH GRM	a
3CD	O C	0124	87-012-176-080	C-CAP,U 15P-50 J CH GRM	a
3CD	O C	0125	87-016-083-080	C-CAP,S 0.15-16 K R GRM	a
3CD	O C	0126	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0127	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0128	87-A10-504-080	C-CAP,U 0.047-16 K B	a
3CD	O C	0129	87-A12-089-080	CAP,E 3.3-50 SMG	a
3CD	O C	0130	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0131	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0132	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0133	87-A10-918-080	CAP,E 100-16 SMG	a
3CD	O C	0134	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0135	87-A12-071-080	CAP,E 47-25 SMG	a
3CD	O C	0136	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	X C	0137	88-108-000-080	C-JUMPER,U	a
3CD	O C	0138	87-012-349-080	C-CAP,S 1000P-50 J CH GRM	a
					CX-SNR72 VSM1
3CD	O C	0203	87-A12-068-080	CAP,E 470-16 SMG	a
3CD	O C	0204	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0205	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0208	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0212	87-A12-091-080	CAP,E 10-50 SMG	a
3CD	O C	0213	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0304	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0305	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
3CD	O C	0306	86-ZA1-616-080	C-CAP,U 0.01-50 K B (MUR)	a
3CD	O C	0401	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
3CD	O C	0402	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
3CD	O C	0403	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
3CD	O C	0404	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
3CD	O C	0405	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
3CD	O C	0601	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
3CD	O C	0602	87-A12-062-080	CAP,E 100-10 SMG	a
3CD	O C	0603	87-012-180-080	C-CAP,U 22P-50 J CH GRM	a
3CD	O CN	0001	87-A60-429-010	CONN,16P H TOC-A	a
3CD	O CN	0201	84-ZG1-648-010	CONN ASSY,6P	a
3CD	O CN	0202	87-A60-062-010	CONN,05P V 9604S-05C	a
					CX-SNR72 VSM1
3CD	O CN	0301	87-A60-154-010	CONN,6P H FE	a
3CD	O CN	0401	87-099-201-010	CONN,8P H BLK 6216	a
3CD	S D	0101	87-A40-003-080	ZENER,MTZJ4.3A	a
3CD	S D	0102	87-020-465-080	DIODE,1SS133	a
3CD	O FB	0601	87-008-372-080	FLTR,EMI BL01 RN1	a
3CD	O FFC001	85-NFT-611-110	FF-CABLE 16P-1.0	a	
3CD	O FFC201	84-ZG1-630-010	CABLE FFC 6P-1.25	a	
3CD	O FFC202	84-ZG1-672-010	F-CABLE,5P 1.25 210MM WHITE N	a	
3CD	S IC	0101	87-A22-242-030	C-IC,LC78646E	a
3CD	S IC	0201	87-A21-822-010	IC,LA6568	a
3CD	O LED0601	87-A40-558-010	LED,SLZ-8128A-01-A	a	
3CD	S Q	0001	87-A30-494-080	TR,2SA1980G	a
3CD	S Q	0101	87-A30-612-080	TR,2SC5343Y	a
3CD	S Q	0601	87-A30-075-040	C-TR,2SA1235F	a
3CD	X R	0001	88-108-333-080	C-RES,U 33K-1/16W J	a
3CD	O R	0002	88-108-153-080	C-RES,U 15K-1/16W J	a
3CD	O R	0003	88-108-153-080	C-RES,U 15K-1/16W J	a
3CD	O R	0004	88-108-153-080	C-RES,U 15K-1/16W J	a
3CD	O R	0005	88-108-153-080	C-RES,U 15K-1/16W J	a
3CD	X R	0006	88-108-333-080	C-RES,U 33K-1/16W J	a

ELECTRICAL PARTS LIST - 2/17

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
3CD	X R	0007	88-108-181-080	C-RES,U 180-1/16W J	a
3CD	X R	0008	88-108-339-080	C-RES,U 3.3-1/16W J	a
3CD	X R	0010	88-100-000-010	PLATING-JW, 0.58 SN95	a
3CD	O R	0101	88-108-103-080	C-RES,U 10K-1/16W J	a
3CD	X R	0102	88-108-273-080	C-RES,U 27K-1/16W J	a
3CD	X R	0103	88-108-331-080	C-RES,U 330-1/16W J	a
3CD	O R	0104	87-012-284-080	C-CAP,U 6800P-50 K B GRM	a
3CD	X R	0105	88-108-000-080	C-JUMPER,U	a
3CD	O R	0106	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
3CD	X R	0107	88-108-000-080	C-JUMPER,U	a
3CD	X R	0108	88-100-000-010	PLATING-JW, 0.58 SN95	a
3CD	O R	0110	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	X R	0111	88-121-470-080	RES,47-1/8W J	a
3CD	O R	0112	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0113	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0114	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0115	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0116	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0117	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	X R	0118	88-108-124-080	C-RES,U 120K-1/16W J	a
					CX-SNR72 VSM1
3CD	X R	0119	88-108-681-080	C-RES,U 680-1/16W J	a
3CD	X R	0120	88-108-681-080	C-RES,U 680-1/16W J	a
3CD	O R	0121	88-108-123-080	C-RES,U 12K-1/16W J	a
3CD	X R	0122	88-108-122-080	C-RES,U 1.2K-1/16W J	a
3CD	X R	0123	88-118-221-080	C-RES,S 220-1/10W J	a
3CD	X R	0124	88-118-221-080	C-RES,S 220-1/10W J	a
3CD	X R	0125	88-118-331-080	C-RES,S 330-1/10W J	a
3CD	O R	0126	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	X R	0127	88-118-100-080	C-RES,S 10-1/10W J	a
3CD	X R	0128	88-100-000-010	PLATING-JW, 0.58 SN95	a
3CD	X R	0129	88-100-000-010	PLATING-JW, 0.58 SN95	a
3CD	X R	0130	88-121-103-080	RES,10K-1/8W J	a
3CD	X R	0131	88-128-473-080	C-RES, 47K-1/8W J	a
3CD	O R	0134	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	O R	0135	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	O R	0151	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0152	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	X R	0203	88-128-473-080	C-RES, 47K-1/8W J	a
3CD	X R	0209	88-108-472-080	C-RES,U 4.7K-1/16W J	a
3CD	X R	0212	88-121-182-080	RES,1.8K-1/8W J	a
					CX-SNR72 VSM1
3CD	X R	0213	88-121-392-080	RES,3.9K-1/8W J	a
3CD	X R	0216	88-108-273-080	C-RES,U 27K-1/16W J	a
3CD	X R	0219	88-108-273-080	C-RES,U 27K-1/16W J	a
3CD	X R	0220	88-121-103-080	RES,10K-1/8W J	a
3CD	X R	0221	88-121-822-080	RES,8.2K-1/8W J	a
3CD	O R	0222	88-108-562-080	C-RES,U 5.6K-1/16W J	a
3CD	O R	0223	88-108-562-080	C-RES,U 5.6K-1/16W J	a
3CD	X R	0224	88-108-273-080	C-RES,U 27K-1/16W J	a
3CD	X R	0225	88-108-273-080	C-RES,U 27K-1/16W J	a
3CD	X R	0226	88-108-000-080	C-JUMPER,U	a
3CD	X R	0227	88-108-000-080	C-JUMPER,U	a
3CD	X R	0228	88-108-000-080	C-JUMPER,U	a
3CD	X R	0229	88-121-820-080	RES,82-1/8W J	a
3CD	O R	0401	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0402	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0403	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0404	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0405	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0406	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0407	88-108-101-080	C-RES,U 100-1/16W J	a
					CX-SNR72 VSM1
3CD	O R	0408	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O R	0409	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	O R	0410	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	O R	0411	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	O R	0412	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	O R	0413	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	O R	0414	88-108-102-080	C-RES,U 1K-1/16W J	a
3CD	X R	0415	88-121-102-080	RES,1K-1/8W J	a
3CD	X R	0416	88-121-821-080	RES,820-1/8W J	a
3CD	X R	0417	88-118-562-080	C-RES,S 5.6K-1/10W J	a
3CD	X R	0601	88-118-271-080	C-RES,S 270-1/10W J	a
3CD	X R	0602	88-108-221-080	C-RES,U 220-1/16W J	a
3CD	O R	0603	88-108-101-080	C-RES,U 100-1/16W J	a
3CD	O S	0401	87-036-109-010	SW,MICRO SPPB61	a
3CD	O S	0402	87-036-109-010	SW,MICRO SPPB61	a
3CD	O X	0101	87-A70-363-010	VIB,XTAL 16.9344MHZ CSA-309	a
CD-LED	O CN	0201	87-099-211-010	CONN,4P V BLK 6216	a
CD-LED	O	LED0202	87-A41-120-040	LED,SEL6810ATP5 UMB	a
CD-LED	O	LED0203	87-A41-120-040	LED,SEL6810ATP5 UMB	a
CD-LED	O	LED0204	87-A41-120-040	LED,SEL6810ATP5 UMB	a

ELECTRICAL PARTS LIST - 3/17

! = Δ SAFTY PARTS
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
CD-LED	X R	0201	88-128-681-080	C-RES, 680-1/8W J	a
CD-LED	X R	0202	88-128-681-080	C-RES, 680-1/8W J	a
CD-LED	X R	0203	88-128-681-080	C-RES, 680-1/8W J	a
DECK	O CN	0001	87-099-753-010	CONN,11P H 9604	a
DECK	X CRD0001	82-ZM3-601-010	RBN-CORD,4P-75		a
DECK	S IC	0001	87-A21-269-010	IC,EW732	a
DECK	S IC	0002	87-A21-269-010	IC,EW732	a
DECK	O M	0001	87-A92-321-010	MOT,SHU2L 60	a
DECK	X R	0001	88-121-392-080	RES,3.9K-1/8W J	a
DECK	O SFR0001	87-024-581-010	SFR,3.3K H KVSF637A		a
DECK	O SOL0001	82-ZM3-627-010	SOL ASSY,27 SO		a
DECK	O SOL0002	82-ZM3-627-010	SOL ASSY,27 SO		a
DECK	O SW 0001	87-A90-248-010	SW,MICRO ESE11SH2CXQ		a
DECK	O SW 0002	87-A90-248-010	SW,MICRO ESE11SH2CXQ		a
DECK	O SW 0003	87-A90-248-010	SW,MICRO ESE11SH2CXQ		a
DECK	O SW 0004	87-A90-248-010	SW,MICRO ESE11SH2CXQ		a
DECK	O SW 0005	87-A90-248-010	SW,MICRO ESE11SH2CXQ		a
FRONT	O C	0108	87-010-785-080	C-CAP,U 0.015-25 K B GRM	a
FRONT	O C	0153	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
FRONT	O C	0154	87-A12-078-040	CAP,E 47-35 SMG	a
					CX-SNR72 VSM1
FRONT	O C	0155	87-A12-090-040	CAP,E 4.7-50 SMG	a
FRONT	O C	0156	87-A12-090-040	CAP,E 4.7-50 SMG	a
FRONT	O C	0201	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
FRONT	O C	0202	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0203	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0204	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0301	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
FRONT	O C	0351	87-A10-353-080	C-CAP,U 0.22-10 K B	a
FRONT	O C	0361	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0362	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0363	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0364	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0371	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0372	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0601	87-A12-069-040	CAP,E 22-25 SMG	a
FRONT	O C	8001	87-A11-969-080	C-CAP,U 0.082U-16 K B	a
FRONT	O C	8003	87-012-280-080	C-CAP,U 3300P-50 K B GRM	a
FRONT	O C	8004	87-A10-592-080	C-CAP,S 0.015-50 J B	a
FRONT	O C	8006	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
FRONT	O C	8008	87-A12-087-040	CAP,E 1-50 SMG	a
					CX-SNR72 VSM1
FRONT	O C	0809	87-A12-092-040	CAP,E 22-50 SMG	a
FRONT	O C	0810	87-A11-057-080	C-CAP,U 0.1-16 K B	a
FRONT	O C	0811	87-012-280-080	C-CAP,U 3300P-50 K B GRM	a
FRONT	O C	0812	87-012-281-080	C-CAP,U 3900P-50 K B GRM	a
FRONT	O C	0901	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0902	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0903	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0904	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0905	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0906	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0907	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0908	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0909	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0910	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0911	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
FRONT	O C	0912	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
FRONT	O C	0913	87-A10-189-040	CAP,E 220-10 M 5L	a
FRONT	O C	0915	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
FRONT	O C	0916	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
FRONT	O C	0917	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
					CX-SNR72 VSM1
FRONT	O C	0919	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
FRONT	O C	0920	87-010-829-080	C-CAP,U 0.047-16 Z F CM/CB	a
FRONT	O C	0921	87-012-282-080	C-CAP,U 4700P-50 K B GRM	a
FRONT	O C	0922	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
FRONT	O C	0951	87-012-172-080	C-CAP,U 10P-50 D CH GRM	a
FRONT	O C	0952	87-010-854-080	C-CAP,S 560P-50 J CH CMC	a
FRONT	O C	0953	87-012-349-080	C-CAP,S 1000P-50 J CH GRM	a
FRONT	O C	0961	87-A12-075-040	CAP,E 10-35 SMG	a
FRONT	O C	0962	87-012-336-080	C-CAP,U 330P-50 J SL GRM	a
FRONT	O C	0963	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
FRONT	O CN	0104	87-A60-057-010	CONN,11P V 9604S-11C	a
FRONT	O CN	0202	87-099-209-010	CONN,4P H BLK 6216	a
FRONT	O CN	0701	87-099-720-010	CONN,30P BLK TYK-B(P)	a
FRONT	O CN	0731	87-099-196-010	CONN,8P V BLK 6216	a
FRONT	S D	0104	87-020-465-080	DIODE,1SS133	a
FRONT	S D	0301	87-A40-748-080	ZENER,UZ5.6BSA	a
FRONT	S D	0302	87-020-465-080	DIODE,1SS133	a
FRONT	S D	0601	87-A40-269-040	C-DIODE,MC2836	a
FRONT	S D	0658	87-A40-269-040	C-DIODE,MC2836	a
FRONT	X D	0702	88-100-000-010	PLATING-JW, 0.58 SN95	a

ELECTRICAL PARTS LIST - 4/17

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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
						CX-SNR72 VSM1
FRONT			X D 0703	88-100-000-010	PLATING-JW, 0.58 SN95	a
FRONT			S D 0801	87-020-465-080	DIODE,1SS133	a
FRONT			S D 0981	87-020-465-080	DIODE,1SS133	a
FRONT			S D 0985	87-020-465-080	DIODE,1SS133	a
FRONT			O FFC0104	88-911-101-110	FF-CABLE,11P 1.25 100MM	a
FRONT			O FFC0202	88-904-201-110	FF-CABLE,4P 1.25	a
FRONT			O FFC0731	88-908-301-110	FF-CABLE,8P 1.25 300MM	a
FRONT			O FL 0901	8C-NF5-603-010	FL,HUA-11MM42T	a
FRONT			S IC 0601	87-070-289-040	C-IC,BU2092F	a
FRONT			S IC 0901	8C-NF5-601-130	C-IC,UPD780226GF-034-3BA	a
FRONT			S IC 0961	87-A21-831-010	IC,SPS-442-1-F1	a
FRONT			O JR 0601	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT			O JR 0605	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT			O JR 0609	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT			O JR 0617	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT			X JW 0937	88-121-101-080	RES,100-1/8W J	a
FRONT			O L 0951	87-A50-655-010	COIL,CLK 4.19MHZ (TOKO)7KLY	a
FRONT			O LED0201	87-A40-317-080	LED,SLR-342VCT31 RED	a
FRONT			O LED0205	87-A40-317-080	LED,SLR-342VCT31 RED	a
FRONT			O LED0206	87-A40-317-080	LED,SLR-342VCT31 RED	a
						CX-SNR72 VSM1
FRONT			O LED0207	87-A40-317-080	LED,SLR-342VCT31 RED	a
FRONT			O LED0208	87-A40-317-080	LED,SLR-342VCT31 RED	a
FRONT			S Q 0102	87-A30-076-040	C-TR,2SC3052F	a
FRONT			S Q 0103	87-A30-538-040	C-TR,SRA2202S	a
FRONT			S Q 0104	87-A30-538-040	C-TR,SRA2202S	a
FRONT			S Q 0301	87-A30-494-080	TR,2SA1980G	a
FRONT			S Q 0302	87-A30-076-040	C-TR,2SC3052F	a
FRONT			S Q 0303	87-A30-076-040	C-TR,2SC3052F	a
FRONT			S Q 0601	87-A30-495-080	TR,2SA1981Y	a
FRONT			S Q 0602	87-A30-495-080	TR,2SA1981Y	a
FRONT			S Q 0603	89-112-965-080	TR,2SA1296GR	a
FRONT			S Q 0801	87-A30-076-040	C-TR,2SC3052F	a
FRONT			S Q 0803	87-A30-288-040	C-TR,DTC114YKA	a
FRONT			S Q 0804	87-A30-288-040	C-TR,DTC114YKA	a
FRONT			S Q 0805	87-A30-288-040	C-TR,DTC114YKA	a
FRONT			S Q 0806	87-A30-076-040	C-TR,2SC3052F	a
FRONT			S Q 0901	87-A30-538-040	C-TR,SRA2202S	a
FRONT			O R 0109	88-108-224-080	C-RES,U 220K-1/16W J	a
FRONT			O R 0110	88-108-153-080	C-RES,U 15K-1/16W J	a
FRONT			X R 0111	88-108-333-080	C-RES,U 33K-1/16W J	a
						CX-SNR72 VSM1
FRONT			O R 0112	88-108-224-080	C-RES,U 220K-1/16W J	a
FRONT			O R 0114	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT			O R 0115	88-108-153-080	C-RES,U 15K-1/16W J	a
FRONT			X R 0116	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT			X R 0151	88-100-000-010	PLATING-JW, 0.58 SN95	a
FRONT			X R 0152	88-100-000-010	PLATING-JW, 0.58 SN95	a
FRONT			X R 0153	88-128-821-080	C-RES, 820-1/8W J	a
FRONT			X R 0154	88-128-821-080	C-RES, 820-1/8W J	a
FRONT			O R 0155	88-108-332-080	C-RES,U 3.3K-1/16W J	a
FRONT			O R 0156	88-108-332-080	C-RES,U 3.3K-1/16W J	a
FRONT			X R 0160	88-108-000-080	C-JUMPER,U	a
FRONT			X R 0161	88-108-000-080	C-JUMPER,U	a
FRONT			X R 0162	88-108-000-080	C-JUMPER,U	a
FRONT			X R 0163	88-108-000-080	C-JUMPER,U	a
FRONT			X R 0164	88-108-000-080	C-JUMPER,U	a
FRONT			X R 0165	88-108-000-080	C-JUMPER,U	a
FRONT			X R 0166	88-108-000-080	C-JUMPER,U	a
FRONT			X R 0206	88-128-102-080	C-RES, 1K-1/8W J	a
FRONT			X R 0207	88-128-102-080	C-RES, 1K-1/8W J	a
FRONT			X R 0208	88-128-102-080	C-RES, 1K-1/8W J	a
						CX-SNR72 VSM1
FRONT			X R 0211	88-121-102-080	RES,1K-1/8W J	a
FRONT			X R 0212	88-121-102-080	RES,1K-1/8W J	a
FRONT			X R 0213	88-121-103-080	RES,10K-1/8W J	a
FRONT			X R 0215	88-121-103-080	RES,10K-1/8W J	a
FRONT			X R 0216	88-121-103-080	RES,10K-1/8W J	a
FRONT			X R 0217	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT			X R 0218	88-121-101-080	RES,100-1/8W J	a
FRONT			X R 0301	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT			X R 0302	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT			O R 0303	88-108-153-080	C-RES,U 15K-1/16W J	a
FRONT			O R 0304	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT			X R 0306	88-108-471-080	C-RES,U 470-1/16W J	a
FRONT			O R 0321	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT			O R 0322	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT			X R 0323	88-108-821-080	C-RES,U 820-1/16W J	a
FRONT			X R 0324	88-121-122-080	RES,1.2K-1/8W J	a
FRONT			X R 0325	88-108-122-080	C-RES,U 1.2K-1/16W J	a
FRONT			X R 0326	88-108-122-080	C-RES,U 1.2K-1/16W J	a
FRONT			X R 0327	88-108-182-080	C-RES,U 1.8K-1/16W J	a
FRONT			X R 0328	88-108-182-080	C-RES,U 1.8K-1/16W J	a

ELECTRICAL PARTS LIST - 5/17

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
FRONT	X R	0329	88-121-272-080	RES, 2.7K-1/8W J	a
FRONT	O R	0330	88-108-332-080	C-RES,U 3.3K-1/16W J	a
FRONT	X R	0331	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT	X R	0332	88-108-682-080	C-RES,U 6.8K-1/16W J	a
FRONT	O R	0333	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0341	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0342	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	X R	0343	88-108-821-080	C-RES,U 820-1/16W J	a
FRONT	O R	0344	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	X R	0345	88-108-122-080	C-RES,U 1.2K-1/16W J	a
FRONT	X R	0346	88-108-122-080	C-RES,U 1.2K-1/16W J	a
FRONT	X R	0347	88-108-182-080	C-RES,U 1.8K-1/16W J	a
FRONT	O R	0361	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0362	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0363	88-108-100-080	C-RES,U 10-1/16W J	a
FRONT	X R	0364	88-108-100-080	C-RES,U 10-1/16W J	a
FRONT	O R	0365	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0366	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0367	88-108-100-080	C-RES,U 10-1/16W J	a
FRONT	X R	0368	88-108-100-080	C-RES,U 10-1/16W J	a
					CX-SNR72 VSM1
FRONT	O R	0371	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0372	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0373	88-108-100-080	C-RES,U 10-1/16W J	a
FRONT	X R	0374	88-108-100-080	C-RES,U 10-1/16W J	a
FRONT	X R	0420	88-129-000-080	C-JUMPER, 3216	a
FRONT	O R	0601	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0602	88-108-222-080	C-RES,U 2.2K-1/16W J	a
FRONT	O R	0603	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0604	88-108-222-080	C-RES,U 2.2K-1/16W J	a
FRONT	O R	0605	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0606	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	X R	0607	88-108-000-080	C-JUMPER,U	a
FRONT	O R	0611	88-108-473-080	C-RES,U 47K-1/16W J	a
FRONT	O R	0613	88-108-473-080	C-RES,U 47K-1/16W J	a
FRONT	O R	0614	88-108-473-080	C-RES,U 47K-1/16W J	a
FRONT	O R	0615	88-108-473-080	C-RES,U 47K-1/16W J	a
FRONT	O R	0616	88-108-473-080	C-RES,U 47K-1/16W J	a
FRONT	X R	0658	88-108-152-080	C-RES,U 1.5K-1/16W J	a
FRONT	O R	0704	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0705	88-108-102-080	C-RES,U 1K-1/16W J	a
					CX-SNR72 VSM1
FRONT	O R	0706	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0707	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0708	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0709	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0710	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0711	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0712	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0715	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	X R	0716	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT	X R	0719	88-108-100-080	C-RES,U 10-1/16W J	a
FRONT	X R	0721	88-128-101-080	C-RES, 100-1/8W J	a
FRONT	O R	0730	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0732	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0733	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0734	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0735	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0740	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	O R	0741	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0742	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	X R	0743	88-108-474-080	C-RES,U 470K-1/16W J	a
					CX-SNR72 VSM1
FRONT	O R	0744	88-108-823-080	C-RES,U 82K-1/16W J	a
FRONT	X R	0745	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0749	88-108-474-080	C-RES,U 470K-1/16W J	a
FRONT	X R	0801	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT	X R	0802	88-108-222-080	C-RES,U 2.2K-1/16W J	a
FRONT	X R	0803	88-108-152-080	C-RES,U 1.5K-1/16W J	a
FRONT	O R	0804	88-108-224-080	C-RES,U 220K-1/16W J	a
FRONT	X R	0805	88-108-393-080	C-RES,U 39K-1/16W J	a
FRONT	X R	0807	88-108-000-080	C-JUMPER,U	a
FRONT	X R	0808	88-121-101-080	RES,100-1/8W J	a
FRONT	O R	0810	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0811	88-108-334-080	C-RES,U 330K-1/16W J	a
FRONT	O R	0813	87-A11-057-080	C-CAP,U 0.1-16 K B	a
FRONT	X R	0815	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT	X R	0816	88-108-334-080	C-RES,U 330K-1/16W J	a
FRONT	O R	0818	87-A11-057-080	C-CAP,U 0.1-16 K B	a
FRONT	O R	0819	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	O R	0821	88-108-224-080	C-RES,U 220K-1/16W J	a
FRONT	O R	0822	87-A11-057-080	C-CAP,U 0.1-16 K B	a
FRONT	X R	0823	88-121-101-080	RES,100-1/8W J	a

ELECTRICAL PARTS LIST - 6/17

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
FRONT	X R	0824	88-121-101-080	RES,100-1/8W J	a
FRONT	X R	0825	88-121-101-080	RES,100-1/8W J	a
FRONT	O R	0826	88-108-101-080	C-RES,U 100-1/16W J	a
FRONT	O R	0827	88-108-473-080	C-RES,U 47K-1/16W J	a
FRONT	O R	0828	88-108-224-080	C-RES,U 220K-1/16W J	a
FRONT	O R	0829	88-108-224-080	C-RES,U 220K-1/16W J	a
FRONT	X R	0830	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0901	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0902	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0903	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0904	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0905	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0906	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0907	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0908	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0909	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0910	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0911	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0912	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0913	88-108-104-080	C-RES,U 100K-1/16W J	a
					CX-SNR72 VSM1
FRONT	X R	0914	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0915	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0916	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0917	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0918	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0919	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0920	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0921	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0922	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0923	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0924	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0925	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0926	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0927	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0928	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0929	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0930	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0931	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0932	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0933	88-121-104-080	RES,100K-1/8W J	a
					CX-SNR72 VSM1
FRONT	X R	0934	88-108-683-080	C-RES,U 68K-1/16W J	a
FRONT	X R	0935	88-128-683-080	C-RES, 68K-1/8W J	a
FRONT	X R	0936	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0937	88-128-472-080	C-RES, 4.7K-1/8W J	a
FRONT	X R	0938	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT	X R	0939	88-108-472-080	C-RES,U 4.7K-1/16W J	a
FRONT	X R	0940	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0941	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	O R	0942	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0943	88-121-472-080	RES,4.7K-1/8W J	a
FRONT	X R	0946	88-108-000-080	C-JUMPER,U	a
FRONT	X R	0947	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0948	88-121-104-080	RES,100K-1/8W J	a
FRONT	O R	0951	88-108-102-080	C-RES,U 1K-1/16W J	a
FRONT	X R	0955	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0956	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0957	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0958	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	O R	0960	88-108-103-080	C-RES,U 10K-1/16W J	a
FRONT	X R	0961	88-121-181-080	RES,180-1/8W J	a
					CX-SNR72 VSM1
FRONT	O R	0963	88-108-563-080	C-RES,U 56K-1/16W J	a
FRONT	X R	0969	88-121-103-080	RES,10K-1/8W J	a
FRONT	X R	0970	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0971	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0972	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0973	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	X R	0974	88-108-104-080	C-RES,U 100K-1/16W J	a
FRONT	O S	0321	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0322	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0323	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0324	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0325	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0326	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0327	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0328	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0329	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0330	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0331	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0332	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0333	87-A90-164-080	SW, TACT SKQNAB (N)	a

ELECTRICAL PARTS LIST - 7/17

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
FRONT	O S	0341	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0342	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0343	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0344	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0345	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0346	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0347	87-A90-164-080	SW, TACT SKQNAB (N)	a
FRONT	O S	0361	87-A92-359-010	SW, RTRY EC12E24604-30MM	a
FRONT	O S	0363	87-A92-273-110	SW, RTRY EC12E12204 30MM	a
FRONT	O S	0371	87-A92-273-110	SW, RTRY EC12E12204 30MM	a
HEAD-1	O	CNA0301	85-MA2-615-010	CONN ASSY, 3P PH	a
HP	O J	0201	87-A60-420-010	JACK, 3.5 ST (MSC)	a
HP	O R	0243	87-A01-001-050	RES, 220-1/2W J BLT2J	a
HP	O R	0244	87-A01-001-050	RES, 220-1/2W J BLT2J	a
HP	O R	0245	87-A01-001-050	RES, 220-1/2W J BLT2J	a
HP	O R	0246	87-A01-001-050	RES, 220-1/2W J BLT2J	a
HP	X R	0265	88-128-222-080	C-RES, 2.2K-1/8W J	a
HP	X R	0266	88-128-222-080	C-RES, 2.2K-1/8W J	a
HP	O WH	0201	87-A90-459-010	HLD, WIRE 2.5-5P	a
MAIN	O C	0003	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
					CX-SNR72 VSM1
MAIN	O C	0004	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0005	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0006	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0009	87-010-759-080	C-CAP, U 0.1-25 Z F CM/CB	a
MAIN	O C	0010	87-010-759-080	C-CAP, U 0.1-25 Z F CM/CB	a
MAIN	O C	0011	87-010-759-080	C-CAP, U 0.1-25 Z F CM/CB	a
MAIN	O C	0012	87-010-759-080	C-CAP, U 0.1-25 Z F CM/CB	a
MAIN	O C	0013	87-012-282-080	C-CAP, U 4700P-50 K B GRM	a
MAIN	O C	0014	87-A12-071-080	CAP, E 47-25 SMG	a
MAIN	O C	0016	87-012-282-080	C-CAP, U 4700P-50 K B GRM	a
MAIN	O C	0019	87-A12-831-000	CAP, E 2200-56 M 85 GS	a
MAIN	O C	0020	87-A12-831-000	CAP, E 2200-56 M 85 GS	a
MAIN	O C	0021	87-A12-826-000	CAP, E 3300-35 M 85 GS	a
MAIN	O C	0022	87-A12-826-000	CAP, E 3300-35 M 85 GS	a
MAIN	O C	0031	87-A12-062-080	CAP, E 100-10 SMG	a
MAIN	O C	0034	87-A12-071-080	CAP, E 47-25 SMG	a
MAIN	O C	0035	87-A12-090-080	CAP, E 4.7-50 SMG	a
MAIN	O C	0036	87-A12-071-080	CAP, E 47-25 SMG	a
MAIN	O C	0060	87-A12-089-080	CAP, E 3.3-50 SMG	a
MAIN	O C	0061	87-A12-071-080	CAP, E 47-25 SMG	a
					CX-SNR72 VSM1
MAIN	O C	0083	87-A12-068-080	CAP, E 470-16 SMG	a
MAIN	O C	0097	87-010-759-080	C-CAP, U 0.1-25 Z F CM/CB	a
MAIN	O C	0101	87-012-280-080	C-CAP, U 3300P-50 K B GRM	a
MAIN	O C	0102	87-012-280-080	C-CAP, U 3300P-50 K B GRM	a
MAIN	O C	0103	87-A12-084-080	CAP, E 0.22-50 SMG	a
MAIN	O C	0104	87-A12-084-080	CAP, E 0.22-50 SMG	a
MAIN	O C	0105	87-012-280-080	C-CAP, U 3300P-50 K B GRM	a
MAIN	O C	0106	87-012-280-080	C-CAP, U 3300P-50 K B GRM	a
MAIN	O C	0107	87-A12-091-080	CAP, E 10-50 SMG	a
MAIN	O C	0108	87-A12-091-080	CAP, E 10-50 SMG	a
MAIN	O C	0111	87-A12-077-080	CAP, E 33-35 SMG	a
MAIN	O C	0112	87-A12-077-080	CAP, E 33-35 SMG	a
MAIN	O C	0113	87-A10-596-080	C-CAP, S 100P-100 J CH	a
MAIN	O C	0114	87-A10-596-080	C-CAP, S 100P-100 J CH	a
MAIN	O C	0117	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0118	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0119	87-012-286-080	C-CAP, U 0.01-25 K B GRM	a
MAIN	O C	0120	87-012-286-080	C-CAP, U 0.01-25 K B GRM	a
MAIN	O C	0121	87-A12-087-080	CAP, E 1-50 SMG	a
MAIN	O C	0122	87-A12-087-080	CAP, E 1-50 SMG	a
					CX-SNR72 VSM1
MAIN	O C	0123	87-010-177-080	C-CAP, S 820P-50 J SL C2012	a
MAIN	O C	0124	87-010-177-080	C-CAP, S 820P-50 J SL C2012	a
MAIN	O C	0125	87-A10-596-080	C-CAP, S 100P-100 J CH	a
MAIN	O C	0126	87-A10-596-080	C-CAP, S 100P-100 J CH	a
MAIN	O C	0133	87-012-282-080	C-CAP, U 4700P-50 K B GRM	a
MAIN	O C	0140	87-012-278-080	C-CAP, U 2200P-50 K B GRM	a
MAIN	O C	0186	87-010-759-080	C-CAP, U 0.1-25 Z F CM/CB	a
MAIN	O C	0187	87-A12-890-080	CAP, E 10-63 VR	a
MAIN	O C	0188	87-A12-890-080	CAP, E 10-63 VR	a
MAIN	O C	0193	87-012-273-080	C-CAP, U 820P-50 K B GRM	a
MAIN	O C	0194	87-012-273-080	C-CAP, U 820P-50 K B GRM	a
MAIN	O C	0225	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0226	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0227	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0228	87-A12-317-080	C-CAP, U 0.1-50 Z F	a
MAIN	O C	0229	87-010-191-080	C-CAP, S 0.015-50 Z F GRM	a
MAIN	O C	0230	87-010-191-080	C-CAP, S 0.015-50 Z F GRM	a
MAIN	O C	0301	87-012-275-080	C-CAP, U 1200P-50 K B GRM	a
MAIN	O C	0302	87-012-275-080	C-CAP, U 1200P-50 K B GRM	a
MAIN	O C	0303	87-012-275-080	C-CAP, U 1200P-50 K B GRM	a

ELECTRICAL PARTS LIST - 8/17

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
MAIN	O C	0304	87-012-275-080	C-CAP,U 1200P-50 K B GRM	a
MAIN	O C	0305	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
MAIN	O C	0306	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
MAIN	O C	0363	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0451	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0452	87-A12-092-080	CAP,E 22-50 SMG	a
MAIN	O C	0453	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a
MAIN	O C	0454	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a
MAIN	O C	0455	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a
MAIN	O C	0456	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0457	87-A12-361-080	CAP,M 5600P-100 J CP	a
MAIN	O C	0458	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0459	87-012-271-080	C-CAP,U 560P-50 K B GRM	a
MAIN	O C	0460	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0461	87-012-158-080	C-CAP,S 390P-50 J CH GRM	a
MAIN	O C	0462	87-012-158-080	C-CAP,S 390P-50 J CH GRM	a
MAIN	O C	0463	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0464	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0601	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a
MAIN	O C	0602	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a
					CX-SNR72 VSM1
MAIN	O C	0603	87-A12-062-080	CAP,E 100-10 SMG	a
MAIN	O C	0604	87-A12-062-080	CAP,E 100-10 SMG	a
MAIN	X C	0605	88-700-740-810	CAP,M 6800P-50 J AMZV	a
MAIN	X C	0606	88-700-740-810	CAP,M 6800P-50 J AMZV	a
MAIN	O C	0607	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
MAIN	O C	0608	87-012-270-080	C-CAP,U 470P-50 K B GRM	a
MAIN	O C	0609	87-A12-087-080	CAP,E 1-50 SMG	a
MAIN	O C	0610	87-A12-087-080	CAP,E 1-50 SMG	a
MAIN	O C	0611	87-012-273-080	C-CAP,U 820P-50 K B GRM	a
MAIN	O C	0612	87-012-273-080	C-CAP,U 820P-50 K B GRM	a
MAIN	X C	0613	88-700-610-810	CAP,M 1000P-50 J LDS	a
MAIN	X C	0614	88-700-610-810	CAP,M 1000P-50 J LDS	a
MAIN	X C	0615	88-700-610-810	CAP,M 1000P-50 J LDS	a
MAIN	X C	0616	88-700-610-810	CAP,M 1000P-50 J LDS	a
MAIN	O C	0617	87-A10-295-080	CAP,M 0.01-50 J	a
MAIN	O C	0618	87-A10-295-080	CAP,M 0.01-50 J	a
MAIN	O C	0619	87-A10-295-080	CAP,M 0.01-50 J	a
MAIN	O C	0620	87-A10-295-080	CAP,M 0.01-50 J	a
MAIN	O C	0621	87-A12-085-080	CAP,E 0.33-50 SMG	a
MAIN	O C	0622	87-A12-085-080	CAP,E 0.33-50 SMG	a
					CX-SNR72 VSM1
MAIN	O C	0623	87-A12-085-080	CAP,E 0.33-50 SMG	a
MAIN	O C	0624	87-A12-085-080	CAP,E 0.33-50 SMG	a
MAIN	O C	0631	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O C	0632	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O C	0633	87-012-284-080	C-CAP,U 6800P-50 K B GRM	a
MAIN	O C	0634	87-012-284-080	C-CAP,U 6800P-50 K B GRM	a
MAIN	O C	0635	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0636	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0637	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0638	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a
MAIN	O C	0641	87-A12-087-080	CAP,E 1-50 SMG	a
MAIN	O C	0642	87-A12-087-080	CAP,E 1-50 SMG	a
MAIN	O C	0651	87-A12-063-080	CAP,E 220-10 SMG	a
MAIN	O C	0652	87-A12-071-080	CAP,E 47-25 SMG	a
MAIN	O C	0655	87-A12-090-080	CAP,E 4.7-50 SMG	a
MAIN	O C	0656	87-010-784-080	C-CAP,U 0.012-25 K B GRM	a
MAIN	O C	0663	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0664	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
MAIN	O C	0665	87-A10-504-080	C-CAP,U 0.047-16 K B	a
MAIN	O C	0666	87-A10-504-080	C-CAP,U 0.047-16 K B	a
					CX-SNR72 VSM1
MAIN	O C	0677	87-015-819-080	C-CAP, 0.01-50 K B C3216	a
MAIN	O C	0771	87-A12-062-080	CAP,E 100-10 SMG	a
MAIN	O C	0772	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	X C	0781	88-108-000-080	C-JUMPER,U	a
MAIN	O C	0782	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0783	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0784	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0785	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0786	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0788	87-012-167-080	C-CAP,U 5P-50 C CH GRM	a
MAIN	O C	0789	87-016-117-080	C-CAP,U 0.018-25 J B CB	a
MAIN	O C	0790	87-016-117-080	C-CAP,U 0.018-25 J B CB	a
MAIN	O C	0791	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0792	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0793	87-A12-090-080	CAP,E 4.7-50 SMG	a
MAIN	O C	0795	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0796	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0797	87-A12-091-080	CAP,E 10-50 SMG	a
MAIN	O C	0798	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0799	87-A12-065-080	CAP,E 33-16 SMG	a

ELECTRICAL PARTS LIST - 9/17

! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.
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 Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
CX-SNR72 VSM1					
MAIN	O C	0800	87-010-829-080	C-CAP,U 0.047-16 Z F CM/CB	a
MAIN	O C	0801	87-A12-089-080	CAP,E 3.3-50 SMG	a
MAIN	O C	0802	87-010-829-080	C-CAP,U 0.047-16 Z F CM/CB	a
MAIN	O C	0803	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a
MAIN	O C	0804	87-A12-062-080	CAP,E 100-10 SMG	a
MAIN	O C	0807	87-A12-086-080	CAP,E 0.47-50 SMG	a
MAIN	O C	0808	87-A12-087-080	CAP,E 1-50 SMG	a
MAIN	O C	0809	87-A12-087-080	CAP,E 1-50 SMG	a
MAIN	O C	0810	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0814	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0815	87-A12-086-080	CAP,E 0.47-50 SMG	a
MAIN	O C	0816	87-A12-086-080	CAP,E 0.47-50 SMG	a
MAIN	O C	0821	87-A12-091-080	CAP,E 10-50 SMG	a
MAIN	X C	0822	88-108-000-080	C-JUMPER,U	a
MAIN	O C	0823	87-010-177-080	C-CAP,S 820P-50 J SL C2012	a
MAIN	O C	0824	87-A12-090-080	CAP,E 4.7-50 SMG	a
MAIN	O C	0825	87-010-596-080	C-CAP,S 0.047-16 K R C2012	a
MAIN	O C	0842	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	X C	0843	88-108-000-080	C-JUMPER,U	a
MAIN	O C	0844	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CX-SNR72 VSM1					
MAIN	X C	0845	88-108-000-080	C-JUMPER,U	a
MAIN	X C	0846	88-108-000-080	C-JUMPER,U	a
MAIN	X C	0847	88-108-000-080	C-JUMPER,U	a
MAIN	X C	0848	88-108-000-080	C-JUMPER,U	a
MAIN	X C	0849	88-108-000-080	C-JUMPER,U	a
MAIN	O C	0850	87-A12-071-080	CAP,E 47-25 SMG	a
MAIN	O C	0851	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0852	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0853	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0860	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0901	87-012-167-080	C-CAP,U 5P-50 C CH GRM	a
MAIN	O C	0904	87-A12-173-080	C-CAP,U 330P-50 CH	a
MAIN	O C	0906	87-012-168-080	C-CAP,U 6P-50 D CH GRM	a
MAIN	O C	0908	87-012-166-080	C-CAP,U 4P-50 C CH GRM	a
MAIN	O C	0909	87-A12-173-080	C-CAP,U 330P-50 CH	a
MAIN	O C	0911	87-012-166-080	C-CAP,U 4P-50 C CH GRM	a
MAIN	O C	0912	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O C	0913	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0914	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0915	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
CX-SNR72 VSM1					
MAIN	O C	0917	87-012-168-080	C-CAP,U 6P-50 D CH GRM	a
MAIN	O C	0919	87-012-184-080	C-CAP,U 33P-50 J CH GRM	a
MAIN	O C	0920	87-012-184-080	C-CAP,U 33P-50 J CH GRM	a
MAIN	O C	0921	87-012-180-080	C-CAP,U 22P-50 J CH GRM	a
MAIN	O C	0922	87-012-174-080	C-CAP,U 12P-50 J CH GRM	a
MAIN	O C	0923	87-012-198-080	C-CAP,U 180P-50 J CH GRM	a
MAIN	O C	0925	87-012-164-080	C-CAP,U 2P-50 C CH GRM	a
MAIN	O C	0926	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0931	87-A12-319-080	C-CAP,U 0.1-25 K B	a
MAIN	X C	0940	88-108-000-080	C-JUMPER,U	a
MAIN	O C	0959	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0960	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0961	87-012-169-080	C-CAP,U 7P-50 D CH GRM	a
MAIN	O C	0962	87-A12-087-080	CAP,E 1-50 SMG	a
MAIN	O C	0963	87-A12-319-080	C-CAP,U 0.1-25 K B	a
MAIN	O C	0971	87-A12-067-080	CAP,E 330-16 SMG	a
MAIN	O C	0972	87-A12-090-080	CAP,E 4.7-50 SMG	a
MAIN	O C	0973	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0974	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0979	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
CX-SNR72 VSM1					
MAIN	O C	0981	87-A12-071-080	CAP,E 47-25 SMG	a
MAIN	O C	0982	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0983	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0984	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0987	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O C	0991	87-012-176-080	C-CAP,U 15P-50 J CH GRM	a
MAIN	O C	0992	87-012-176-080	C-CAP,U 15P-50 J CH GRM	a
MAIN	O C	0993	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
MAIN	O C	0995	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a
MAIN	O C	0997	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a
MAIN	O C	0998	87-A12-071-080	CAP,E 47-25 SMG	a
MAIN	O C	0999	87-A11-155-080	CAP,TC U 0.01-16 Z F	a
MAIN	O CF	0831	87-008-261-010	FLTR,CF SFE10.7MA5	a
MAIN	O CF	0832	87-008-261-010	FLTR,CF SFE10.7MA5	a
MAIN	X CLP0301	87-A60-884-010	PIN,DIA1 COATING-SHS	a	
MAIN	X CLP0601	87-A60-884-010	PIN,DIA1 COATING-SHS	a	
MAIN	O CN	0301	87-A60-620-010	CONN,3P V 2MM JMT	a
MAIN	O CN	0302	87-A60-625-010	CONN,8P V 2MM JMT	a
MAIN	O CN	0601	87-099-719-010	CONN,30P H BLK TYK-B(X)	a
MAIN	O CN	0602	87-A60-131-010	CONN,6P V FE	a

ELECTRICAL PARTS LIST - 10/17

! = Δ SAFETY PARTS
 C = Components marked

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
MAIN		O	CNA0302 86-ZM3-605-110	CONN ASSY, 8P -RPB	a
MAIN		S D	0001 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0002 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0003 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0004 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0005 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0006 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0007 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0008 87-070-178-090	DIODE, 1N5402-BD54	a
MAIN		S D	0011 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0012 87-020-465-080	DIODE, 1SS133	a
MAIN		S D	0013 87-A40-764-080	ZENER, UZ10BSC	a
MAIN		S D	0029 87-A40-776-080	ZENER, UZ27BSD	a
MAIN		S D	0033 87-020-465-080	DIODE, 1SS133	a
MAIN		S D	0041 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0042 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0060 87-020-465-080	DIODE, 1SS133	a
MAIN		S D	0063 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0064 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0076 87-A40-269-040	C-DIODE, MC2836	a
					CX-SNR72 VSM1
MAIN		S D	0077 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0101 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0103 87-020-465-080	DIODE, 1SS133	a
MAIN		S D	0104 87-020-465-080	DIODE, 1SS133	a
MAIN		S D	0105 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0106 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0107 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0108 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0109 87-A40-488-080	DIODE, 1SS244	a
MAIN		S D	0110 87-A40-488-080	DIODE, 1SS244	a
MAIN		S D	0150 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0160 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0185 87-A40-370-090	DIODE, RK46-P20	a
MAIN		S D	0186 87-A40-370-090	DIODE, RK46-P20	a
MAIN		S D	0187 87-A40-747-080	ZENER, UZ5.1BSB	a
MAIN		S D	0188 87-A40-749-080	ZENER, UZ5.6BSB	a
MAIN		S D	0189 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0190 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0191 87-A40-764-080	ZENER, UZ10BSC	a
MAIN		S D	0192 87-020-465-080	DIODE, 1SS133	a
					CX-SNR72 VSM1
MAIN		S D	0193 87-020-465-080	DIODE, 1SS133	a
MAIN		X D	0194 88-100-000-010	PLATING-JW, 0.58 SN95	a
MAIN		S D	0280 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0281 87-A40-270-040	C-DIODE, MC2838	a
MAIN		S D	0301 87-A40-269-040	C-DIODE, MC2836	a
MAIN		S D	0661 87-A40-745-080	ZENER, UZ4.7BSA	a
MAIN		S D	0662 87-A40-745-080	ZENER, UZ4.7BSA	a
MAIN		X D	0801 88-100-000-010	PLATING-JW, 0.58 SN95	a
MAIN		S D	0803 87-020-465-080	DIODE, 1SS133	a
MAIN		O D	0901 87-A40-969-040	C-VARI-CAP, HVC300A TRU	a
MAIN		O D	0902 87-A40-969-040	C-VARI-CAP, HVC300A TRU	a
MAIN		O D	0903 87-A40-969-040	C-VARI-CAP, HVC300A TRU	a
MAIN		X D	0944 88-100-000-010	PLATING-JW, 0.58 SN95	a
MAIN		O D	0951 87-A40-799-040	C-VARI-CAP, KV1610S	a
MAIN		S D	0991 87-017-149-080	ZENER, HZS6A2L	a
MAIN		S D	0994 87-020-465-080	DIODE, 1SS133	a
MAIN		X FB	0601 88-118-000-080	C-JUMPER, S	a
MAIN		X FB	0602 88-118-000-080	C-JUMPER, S	a
MAIN		X FB	0603 88-100-000-010	PLATING-JW, 0.58 SN95	a
MAIN		O	FFC0602 88-906-251-110	FF-CABLE, 6P 1.25	a
					CX-SNR72 VSM1
MAIN		S IC	0001 87-A21-364-010	IC, NJM7806FA (A)	a
MAIN		S IC	0601 87-A22-235-040	C-IC, M61518FP	a
MAIN		S IC	0801 87-A22-060-010	IC, LA1845N-A	a
MAIN		S IC	0991 87-A21-928-010	IC, LC72131D-N	a
MAIN		O J	0203 87-A60-238-010	TERMINAL, SP 4P (MSC)	a
MAIN		O J	0602 87-A60-881-010	JACK, PIN 2P MSP 242V05 PBSN	a
MAIN		O J	0831 87-A60-202-010	TERMINAL, ANT 4P MSP-154V-02	a
MAIN		O L	0201 87-A50-610-010	COIL, 1UH K (MDEC)	a
MAIN		O L	0202 87-A50-610-010	COIL, 1UH K (MDEC)	a
MAIN		O L	0451 87-007-342-010	COIL, OSC 85KHZ BIAS	a
MAIN		O L	0801 87-A50-608-010	COIL, FM DET-N (TOK)	a
MAIN		O L	0802 87-A91-551-010	FLTR, PCFJZH-450 L (TOK)	a
MAIN		O L	0811 87-005-847-080	COIL, 2.2UH K CECS	a
MAIN		O L	0832 87-005-847-080	COIL, 2.2UH K CECS	a
MAIN		O L	0901 87-A50-774-010	COIL, FM ANT RF1-V	a
MAIN		O L	0903 86-ZA1-624-010	COIL, FM RF-1	a
MAIN		O L	0904 86-ZA1-625-010	COIL, FM ANT/RF-V	a
MAIN		O L	0906 87-005-847-080	COIL, 2.2UH K CECS	a
MAIN		O L	0907 86-ZA1-629-010	COIL, FM OSC-V	a
MAIN		O L	0908 88-ZA1-624-010	COIL, FM IFT 7-6.2 (COILS)	a

ELECTRICAL PARTS LIST - 11/17

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
MAIN		O L	0952 87-A50-752-010	COIL,MW ANT (2B)	a
MAIN		O L	0953 87-A50-753-010	COIL,MW OSC (2B)	a
MAIN		S Q	0001 87-A30-494-080	TR,2SA1980G	a
MAIN		S Q	0002 87-A30-494-080	TR,2SA1980G	a
MAIN		S Q	0003 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0009 87-A30-494-080	TR,2SA1980G	a
MAIN		S Q	0010 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0011 89-213-702-010	TR,2SB1370E	a
MAIN		S Q	0012 87-A30-630-080	TR,2SC5343GL	a
MAIN		S Q	0013 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0014 87-A30-075-040	C-TR,2SA1235F	a
MAIN		S Q	0060 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0061 87-A30-075-040	C-TR,2SA1235F	a
MAIN		S Q	0062 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0063 87-A30-075-040	C-TR,2SA1235F	a
MAIN		S Q	0064 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0101 87-A30-675-040	C-TR,2SD1306NE07TL	a
MAIN		S Q	0102 87-A30-675-040	C-TR,2SD1306NE07TL	a
MAIN		S Q	0103 87-A30-669-040	C-TR,SBT5401	a
MAIN		S Q	0104 87-A30-669-040	C-TR,SBT5401	a
					CX-SNR72 VSM1
MAIN		S Q	0105 87-A30-669-040	C-TR,SBT5401	a
MAIN		S Q	0106 87-A30-669-040	C-TR,SBT5401	a
MAIN		S Q	0107 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0108 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0109 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0110 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0111 87-A30-672-080	TR,2N5551C	a
MAIN		S Q	0112 87-A30-672-080	TR,2N5551C	a
MAIN		S Q	0113 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0114 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0115 87-A30-670-040	C-TR,SBT5551	a
MAIN		S Q	0116 87-A30-670-040	C-TR,SBT5551	a
MAIN		S Q	0117 87-A30-528-010	TR,2SB1686	a
MAIN		S Q	0118 87-A30-528-010	TR,2SB1686	a
MAIN		S Q	0119 87-A30-529-010	TR,2SD2642	a
MAIN		S Q	0120 87-A30-529-010	TR,2SD2642	a
MAIN		S Q	0121 87-A30-672-080	TR,2N5551C	a
MAIN		S Q	0122 87-A30-672-080	TR,2N5551C	a
MAIN		S Q	0123 87-A30-669-040	C-TR,SBT5401	a
MAIN		S Q	0124 87-A30-669-040	C-TR,SBT5401	a
					CX-SNR72 VSM1
MAIN		S Q	0126 87-A30-669-040	C-TR,SBT5401	a
MAIN		S Q	0127 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0128 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0130 87-A30-670-040	C-TR,SBT5551	a
MAIN		S Q	0183 87-A30-186-010	FET,2SK3053	a
MAIN		S Q	0184 87-A30-186-010	FET,2SK3053	a
MAIN		S Q	0185 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0186 87-A30-075-040	C-TR,2SA1235F	a
MAIN		S Q	0187 87-A30-075-040	C-TR,2SA1235F	a
MAIN		S Q	0235 87-A30-075-040	C-TR,2SA1235F	a
MAIN		S Q	0280 87-A30-538-040	C-TR,SRA2202S	a
MAIN		S Q	0281 87-A30-669-040	C-TR,SBT5401	a
MAIN		S Q	0301 87-A30-091-080	FET,2SJ460	a
MAIN		S Q	0302 87-A30-091-080	FET,2SJ460	a
MAIN		S Q	0303 87-A30-090-080	FET,2SK2541	a
MAIN		S Q	0304 87-A30-090-080	FET,2SK2541	a
MAIN		S Q	0305 87-A30-091-080	FET,2SJ460	a
MAIN		S Q	0306 87-A30-091-080	FET,2SJ460	a
MAIN		S Q	0307 87-A30-090-080	FET,2SK2541	a
MAIN		S Q	0308 87-A30-090-080	FET,2SK2541	a
					CX-SNR72 VSM1
MAIN		S Q	0309 87-A30-090-080	FET,2SK2541	a
MAIN		S Q	0451 87-A30-630-080	TR,2SC5343GL	a
MAIN		S Q	0452 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0453 89-333-317-880	TR,2SC3331 (T/U)	a
MAIN		S Q	0454 89-333-317-880	TR,2SC3331 (T/U)	a
MAIN		S Q	0601 87-A30-538-040	C-TR,SRA2202S	a
MAIN		S Q	0651 87-A30-087-080	C-FET,2SK2158	a
MAIN		S Q	0652 87-A30-087-080	C-FET,2SK2158	a
MAIN		S Q	0653 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0835 87-A30-521-080	C-TR,2SC5345SF/S(O)	a
MAIN		S Q	0836 87-A30-677-040	C-TR,SRA2207S	a
MAIN		S Q	0901 89-503-602-080	C-FET,2SK360E	a
MAIN		S Q	0902 87-A30-664-080	C-TR,2SC2620B	a
MAIN		S Q	0904 87-A30-699-040	C-TR,2SC5477-T22	a
MAIN		S Q	0905 87-A30-664-080	C-TR,2SC2620B	a
MAIN		S Q	0981 87-A30-494-080	TR,2SA1980G	a
MAIN		S Q	0982 87-A30-076-040	C-TR,2SC3052F	a
MAIN		S Q	0983 87-A30-076-040	C-TR,2SC3052F	a
MAIN		X R	0001 88-100-000-010	PLATING-JW, 0.58 SN95	a
MAIN		X R	0005 88-100-000-010	PLATING-JW, 0.58 SN95	a

ELECTRICAL PARTS LIST - 12/17

! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.
 However, please note that not all components will be available as spare parts for after-sales service.
 Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
MAIN	X R	0009	88-108-273-080	C-RES,U 27K-1/16W J	a
MAIN	X R	0010	88-108-273-080	C-RES,U 27K-1/16W J	a
MAIN	X R	0011	88-118-472-080	C-RES,S 4.7K-1/10W J	a
MAIN	X R	0012	88-118-472-080	C-RES,S 4.7K-1/10W J	a
MAIN	X R	0013	88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN	X R	0014	88-118-100-080	C-RES,S 10-1/10W J	a
MAIN	X R	0015	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0024	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0026	88-118-472-080	C-RES,S 4.7K-1/10W J	a
MAIN	X R	0027	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0028	88-108-221-080	C-RES,U 220-1/16W J	a
MAIN	O R	0029	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0030	88-129-000-080	C-JUMPER, 3216	a
MAIN	X R	0031	88-108-154-080	C-RES,U 150K-1/16W J	a
MAIN	X R	0032	88-118-472-080	C-RES,S 4.7K-1/10W J	a
MAIN	O R	0033	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0035	88-108-123-080	C-RES,U 12K-1/16W J	a
MAIN	X R	0037	88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN	X R	0038	88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN	X R	0041	88-100-000-010	PLATING-JW, 0.58 SN95	a
					CX-SNR72 VSM1
MAIN	X R	0042	88-129-000-080	C-JUMPER, 3216	a
MAIN	X R	0043	88-129-000-080	C-JUMPER, 3216	a
MAIN	X R	0044	88-128-271-080	C-RES, 270-1/8W J	a
MAIN	X R	0045	88-128-331-080	C-RES, 330-1/8W J	a
MAIN	X R	0046	88-121-271-080	RES,270-1/8W J	a
MAIN	X R	0047	88-128-331-080	C-RES, 330-1/8W J	a
MAIN	X R	0048	88-128-221-080	C-RES, 220-1/8W J	a
MAIN	X R	0049	88-121-221-080	RES,220-1/8W J	a
MAIN	O R	0050	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	O R	0051	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0052	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0053	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	O R	0054	88-108-562-080	C-RES,U 5.6K-1/16W J	a
MAIN	X R	0055	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0056	88-118-680-080	C-RES,S 68-1/10W J	a
MAIN	X R	0057	88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN	O R	0058	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0059	88-108-221-080	C-RES,U 220-1/16W J	a
MAIN	X R	0060	88-108-471-080	C-RES,U 470-1/16W J	a
MAIN	O R	0061	88-108-103-080	C-RES,U 10K-1/16W J	a
					CX-SNR72 VSM1
MAIN	O R	0062	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	O R	0063	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	O R	0064	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0065	88-108-123-080	C-RES,U 12K-1/16W J	a
MAIN	X R	0066	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0067	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0068	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0069	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	X R	0070	88-128-223-080	C-RES, 22K-1/8W J	a
MAIN	X R	0071	88-128-223-080	C-RES, 22K-1/8W J	a
MAIN	X R	0072	88-128-223-080	C-RES, 22K-1/8W J	a
MAIN	X R	0073	88-128-223-080	C-RES, 22K-1/8W J	a
MAIN	X R	0082	88-128-682-080	C-RES, 6.8K-1/8W J	a
MAIN	X R	0083	88-128-682-080	C-RES, 6.8K-1/8W J	a
MAIN	X R	0084	88-128-682-080	C-RES, 6.8K-1/8W J	a
MAIN	X R	0085	88-128-682-080	C-RES, 6.8K-1/8W J	a
MAIN	O R	0091	88-108-823-080	C-RES,U 82K-1/16W J	a
MAIN	X R	0092	88-108-393-080	C-RES,U 39K-1/16W J	a
MAIN	O R	0093	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	O R	0094	88-108-823-080	C-RES,U 82K-1/16W J	a
					CX-SNR72 VSM1
MAIN	X R	0095	88-108-393-080	C-RES,U 39K-1/16W J	a
MAIN	O R	0096	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	X R	0103	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	X R	0104	88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN	X R	0105	88-108-273-080	C-RES,U 27K-1/16W J	a
MAIN	X R	0106	88-108-273-080	C-RES,U 27K-1/16W J	a
MAIN	O R	0107	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	O R	0108	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	X R	0109	88-118-332-080	C-RES,S 3.3K-1/10W J	a
MAIN	X R	0110	88-118-332-080	C-RES,S 3.3K-1/10W J	a
MAIN	X R	0111	88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN	X R	0112	88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN	X R	0113	88-118-273-080	C-RES,S 27K-1/10W J	a
MAIN	X R	0114	88-118-273-080	C-RES,S 27K-1/10W J	a
MAIN	X R	0115	88-128-222-080	C-RES, 2.2K-1/8W J	a
MAIN	X R	0116	88-128-222-080	C-RES, 2.2K-1/8W J	a
MAIN	O R	0117	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0118	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0119	88-118-101-080	C-RES,S 100-1/10W J	a
MAIN	X R	0120	88-118-101-080	C-RES,S 100-1/10W J	a

ELECTRICAL PARTS LIST - 13/17

! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.
 However, please note that not all components will be available as spare parts for after-sales service.
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 Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
						CX-SNR72 VSM1
MAIN		X	R	0121 88-118-101-080	C-RES,S 100-1/10W J	a
MAIN		X	R	0122 88-118-101-080	C-RES,S 100-1/10W J	a
MAIN		X	R	0123 88-128-222-080	C-RES, 2.2K-1/8W J	a
MAIN		X	R	0124 88-128-222-080	C-RES, 2.2K-1/8W J	a
MAIN		X	R	0125 88-128-102-080	C-RES, 1K-1/8W J	a
MAIN		X	R	0126 88-128-102-080	C-RES, 1K-1/8W J	a
MAIN		X	R	0127 88-118-390-080	C-RES,S 39-1/10W J	a
MAIN		X	R	0128 88-118-390-080	C-RES,S 39-1/10W J	a
MAIN		O	R	0129 87-A00-257-080	RES,M/F 0.15-1W J	a
MAIN		O	R	0130 87-A00-257-080	RES,M/F 0.15-1W J	a
MAIN		O	R	0131 87-A00-257-080	RES,M/F 0.15-1W J	a
MAIN		O	R	0132 87-A00-257-080	RES,M/F 0.15-1W J	a
MAIN		X	R	0133 88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN		X	R	0134 88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN		X	R	0135 88-108-182-080	C-RES,U 1.8K-1/16W J	a
MAIN		X	R	0136 88-108-182-080	C-RES,U 1.8K-1/16W J	a
MAIN		O	R	0137 88-108-101-080	C-RES,U 100-1/16W J	a
MAIN		O	R	0138 88-108-101-080	C-RES,U 100-1/16W J	a
MAIN		X	R	0141 88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN		X	R	0142 88-118-102-080	C-RES,S 1K-1/10W J	a
						CX-SNR72 VSM1
MAIN		X	R	0143 88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN		X	R	0144 88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN		O	R	0151 88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN		O	R	0152 88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN		X	R	0153 88-118-390-080	C-RES,S 39-1/10W J	a
MAIN		X	R	0154 88-118-390-080	C-RES,S 39-1/10W J	a
MAIN		X	R	0155 88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN		X	R	0156 88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN		X	R	0157 88-121-472-080	RES,4.7K-1/8W J	a
MAIN		X	R	0158 88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN		O	R	0159 88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN		X	R	0160 88-118-103-080	C-RES,S 10K-1/10W J	a
MAIN		X	R	0161 88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN		X	R	0162 88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN		X	R	0163 88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN		X	R	0164 88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN		X	R	0165 88-108-152-080	C-RES,U 1.5K-1/16W J	a
MAIN		X	R	0166 88-108-152-080	C-RES,U 1.5K-1/16W J	a
MAIN		O	R	0167 88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN		X	R	0168 88-118-473-080	C-RES,S 47K-1/10W J	a
						CX-SNR72 VSM1
MAIN		X	R	0171 88-118-222-080	C-RES,S 2.2K-1/10W J	a
MAIN		X	R	0172 88-118-222-080	C-RES,S 2.2K-1/10W J	a
MAIN		X	R	0173 88-118-182-080	C-RES,S 1.8K-1/10W J	a
MAIN		X	R	0174 88-118-182-080	C-RES,S 1.8K-1/10W J	a
MAIN		X	R	0175 88-118-331-080	C-RES,S 330-1/10W J	a
MAIN		X	R	0176 88-118-331-080	C-RES,S 330-1/10W J	a
MAIN		X	R	0178 88-118-103-080	C-RES,S 10K-1/10W J	a
MAIN		O	R	0179 88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN		O	R	0180 88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN		X	R	0181 88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN		X	R	0182 88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN		X	R	0183 88-128-272-080	C-RES, 2.7K-1/8W J	a
MAIN		X	R	0184 88-121-102-080	RES,1K-1/8W J	a
MAIN		O	R	0185 88-108-332-080	C-RES,U 3.3K-1/16W J	a
MAIN		X	R	0186 88-118-102-080	C-RES,S 1K-1/10W J	a
MAIN		X	R	0187 88-118-103-080	C-RES,S 10K-1/10W J	a
MAIN		X	R	0188 88-118-222-080	C-RES,S 2.2K-1/10W J	a
MAIN		X	R	0192 88-128-272-080	C-RES, 2.7K-1/8W J	a
MAIN		O	R	0193 88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN		O	R	0194 88-108-103-080	C-RES,U 10K-1/16W J	a
						CX-SNR72 VSM1
MAIN		O	R	0195 88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN		O	R	0196 88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN		O	R	0197 88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN		O	R	0198 88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN		X	R	0199 88-121-225-080	RES,2.2M-1/8W J	a
MAIN		X	R	0204 88-128-272-080	C-RES, 2.7K-1/8W J	a
MAIN		X	R	0205 88-128-272-080	C-RES, 2.7K-1/8W J	a
MAIN		X	R	0206 88-128-272-080	C-RES, 2.7K-1/8W J	a
MAIN		X	R	0207 88-128-272-080	C-RES, 2.7K-1/8W J	a
MAIN		X	R	0208 88-128-272-080	C-RES, 2.7K-1/8W J	a
MAIN		X	R	0217 88-108-683-080	C-RES,U 68K-1/16W J	a
MAIN		X	R	0218 88-108-105-080	C-RES,U 1M-1/16W J	a
MAIN		O	R	0219 88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN		X	R	0220 88-118-154-080	C-RES,S 150K-1/10W J	a
MAIN		X	R	0227 88-108-471-080	C-RES,U 470-1/16W J	a
MAIN		X	R	0228 88-108-471-080	C-RES,U 470-1/16W J	a
MAIN		X	R	0247 88-130-100-080	RES,10-1/4W J	a
MAIN		X	R	0248 88-130-100-080	RES,10-1/4W J	a
MAIN		X	R	0249 88-128-100-080	C-RES, 10-1/8W J	a
MAIN		X	R	0250 88-128-100-080	C-RES, 10-1/8W J	a

ELECTRICAL PARTS LIST - 14/17

! = Δ SAFTY PARTS
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
MAIN	X R	0280	88-128-473-080	C-RES, 47K-1/8W J	a
MAIN	X R	0281	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	O R	0282	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0283	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	O R	0284	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	X R	0285	88-108-333-080	C-RES,U 33K-1/16W J	a
MAIN	O R	0286	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	O R	0287	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	X R	0301	88-108-393-080	C-RES,U 39K-1/16W J	a
MAIN	X R	0302	88-108-393-080	C-RES,U 39K-1/16W J	a
MAIN	O R	0303	88-108-823-080	C-RES,U 82K-1/16W J	a
MAIN	O R	0304	88-108-823-080	C-RES,U 82K-1/16W J	a
MAIN	O R	0305	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	X R	0451	88-121-222-080	RES,2.2K-1/8W J	a
MAIN	X R	0453	88-118-472-080	C-RES,S 4.7K-1/10W J	a
MAIN	X R	0454	88-121-829-080	RES,8.2-1/8W J	a
MAIN	X R	0455	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0456	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0457	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0458	88-108-563-080	C-RES,U 56K-1/16W J	a
					CX-SNR72 VSM1
MAIN	X R	0459	88-118-472-080	C-RES,S 4.7K-1/10W J	a
MAIN	X R	0460	88-108-229-080	C-RES,U 2.2-1/16W J	a
MAIN	O R	0463	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0464	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0601	88-108-680-080	C-RES,U 68-1/16W J	a
MAIN	X R	0602	88-108-680-080	C-RES,U 68-1/16W J	a
MAIN	X R	0603	88-108-394-080	C-RES,U 390K-1/16W J	a
MAIN	X R	0604	88-108-394-080	C-RES,U 390K-1/16W J	a
MAIN	X R	0605	88-108-122-080	C-RES,U 1.2K-1/16W J	a
MAIN	X R	0606	88-108-122-080	C-RES,U 1.2K-1/16W J	a
MAIN	X R	0607	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0608	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0609	88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN	X R	0610	88-121-472-080	RES,4.7K-1/8W J	a
MAIN	X R	0611	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0612	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0613	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0614	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0615	88-108-273-080	C-RES,U 27K-1/16W J	a
MAIN	X R	0616	88-108-273-080	C-RES,U 27K-1/16W J	a
					CX-SNR72 VSM1
MAIN	X R	0617	88-121-822-080	RES,8.2K-1/8W J	a
MAIN	X R	0618	88-121-822-080	RES,8.2K-1/8W J	a
MAIN	O R	0619	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	O R	0620	88-108-153-080	C-RES,U 15K-1/16W J	a
MAIN	O R	0621	88-108-332-080	C-RES,U 3.3K-1/16W J	a
MAIN	O R	0622	88-108-332-080	C-RES,U 3.3K-1/16W J	a
MAIN	X R	0623	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0624	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	O R	0625	88-108-332-080	C-RES,U 3.3K-1/16W J	a
MAIN	O R	0626	88-108-332-080	C-RES,U 3.3K-1/16W J	a
MAIN	X R	0627	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0628	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	O R	0629	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0630	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0631	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0632	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	O R	0633	88-108-272-080	C-RES,U 2.7K-1/16W J	a
MAIN	O R	0634	88-108-272-080	C-RES,U 2.7K-1/16W J	a
MAIN	O R	0635	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0636	88-108-102-080	C-RES,U 1K-1/16W J	a
					CX-SNR72 VSM1
MAIN	X R	0637	88-108-331-080	C-RES,U 330-1/16W J	a
MAIN	X R	0638	88-108-331-080	C-RES,U 330-1/16W J	a
MAIN	X R	0639	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0640	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	X R	0641	88-121-223-080	RES,22K-1/8W J	a
MAIN	X R	0642	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0643	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0644	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0649	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	X R	0650	88-108-222-080	C-RES,U 2.2K-1/16W J	a
MAIN	O R	0651	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	O R	0652	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	X R	0656	88-108-474-080	C-RES,U 470K-1/16W J	a
MAIN	X R	0657	88-128-684-080	C-RES, 680K-1/8W J	a
MAIN	X R	0658	88-108-684-080	C-RES,U 680K-1/16W J	a
MAIN	X R	0659	88-108-394-080	C-RES,U 390K-1/16W J	a
MAIN	X R	0660	88-108-274-080	C-RES,U 270K-1/16W J	a
MAIN	X R	0661	88-108-392-080	C-RES,U 3.9K-1/16W J	a
MAIN	X R	0662	88-108-392-080	C-RES,U 3.9K-1/16W J	a
MAIN	X R	0669	88-108-273-080	C-RES,U 27K-1/16W J	a

ELECTRICAL PARTS LIST - 15/17

! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.
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 Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
MAIN	X R	0670	88-108-273-080	C-RES,U 27K-1/16W J	a
MAIN	O R	0672	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0673	88-108-182-080	C-RES,U 1.8K-1/16W J	a
MAIN	O R	0674	88-108-123-080	C-RES,U 12K-1/16W J	a
MAIN	O R	0677	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	X R	0678	88-128-223-080	C-RES, 22K-1/8W J	a
MAIN	O R	0789	88-108-563-080	C-RES,U 56K-1/16W J	a
MAIN	O R	0790	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a
MAIN	O R	0791	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0793	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0795	88-108-000-080	C-JUMPER,U	a
MAIN	O R	0801	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0802	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	X R	0803	88-128-183-080	C-RES, 18K-1/8W J	a
MAIN	X R	0804	88-108-000-080	C-JUMPER,U	a
MAIN	O R	0805	88-108-332-080	C-RES,U 3.3K-1/16W J	a
MAIN	X R	0806	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	O R	0809	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0810	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0811	88-108-000-080	C-JUMPER,U	a
					CX-SNR72 VSM1
MAIN	X R	0812	88-108-000-080	C-JUMPER,U	a
MAIN	O R	0813	88-108-224-080	C-RES,U 220K-1/16W J	a
MAIN	X R	0814	88-108-105-080	C-RES,U 1M-1/16W J	a
MAIN	X R	0815	88-121-682-080	RES,6.8K-1/8W J	a
MAIN	O R	0818	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0821	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0823	88-108-333-080	C-RES,U 33K-1/16W J	a
MAIN	O R	0826	88-108-223-080	C-RES,U 22K-1/16W J	a
MAIN	X R	0832	88-108-391-080	C-RES,U 390-1/16W J	a
MAIN	X R	0840	88-108-221-080	C-RES,U 220-1/16W J	a
MAIN	O R	0850	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0851	88-108-000-080	C-JUMPER,U	a
MAIN	O R	0853	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0854	88-108-331-080	C-RES,U 330-1/16W J	a
MAIN	X R	0855	88-108-183-080	C-RES,U 18K-1/16W J	a
MAIN	O R	0856	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0857	88-108-181-080	C-RES,U 180-1/16W J	a
MAIN	O R	0858	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	O R	0860	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	O R	0901	88-108-473-080	C-RES,U 47K-1/16W J	a
					CX-SNR72 VSM1
MAIN	X R	0902	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	O R	0903	88-108-101-080	C-RES,U 100-1/16W J	a
MAIN	O R	0904	88-108-473-080	C-RES,U 47K-1/16W J	a
MAIN	O R	0905	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0906	88-108-564-080	C-RES,U 560K-1/16W J	a
MAIN	X R	0908	88-108-000-080	C-JUMPER,U	a
MAIN	X R	0909	88-108-331-080	C-RES,U 330-1/16W J	a
MAIN	X R	0911	88-108-181-080	C-RES,U 180-1/16W J	a
MAIN	X R	0912	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0913	88-108-152-080	C-RES,U 1.5K-1/16W J	a
MAIN	X R	0914	88-108-472-080	C-RES,U 4.7K-1/16W J	a
MAIN	X R	0915	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0916	88-108-470-080	C-RES,U 47-1/16W J	a
MAIN	X R	0945	88-108-104-080	C-RES,U 100K-1/16W J	a
MAIN	X R	0962	88-121-102-080	RES,1K-1/8W J	a
MAIN	X R	0963	88-108-330-080	C-RES,U 33-1/16W J	a
MAIN	O R	0968	88-108-822-080	C-RES,U 8.2K-1/16W J	a
MAIN	O R	0975	88-108-562-080	C-RES,U 5.6K-1/16W J	a
MAIN	O R	0976	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	O R	0977	88-108-102-080	C-RES,U 1K-1/16W J	a
					CX-SNR72 VSM1
MAIN	X R	0978	88-108-681-080	C-RES,U 680-1/16W J	a
MAIN	O R	0979	88-108-123-080	C-RES,U 12K-1/16W J	a
MAIN	X R	0980	88-108-684-080	C-RES,U 680K-1/16W J	a
MAIN	X R	0981	88-121-471-080	RES,470-1/8W J	a
MAIN	X R	0982	88-108-682-080	C-RES,U 6.8K-1/16W J	a
MAIN	X R	0983	88-108-392-080	C-RES,U 3.9K-1/16W J	a
MAIN	O R	0984	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN	X R	0985	88-121-471-080	RES,470-1/8W J	a
MAIN	X R	0986	88-121-221-080	RES,220-1/8W J	a
MAIN	X R	0987	88-121-472-080	RES,4.7K-1/8W J	a
MAIN	O R	0988	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0989	88-121-102-080	RES,1K-1/8W J	a
MAIN	O R	0990	88-108-563-080	C-RES,U 56K-1/16W J	a
MAIN	O R	0991	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O R	0992	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0993	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O R	0994	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	O R	0995	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a
MAIN	O R	0996	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN	X R	0997	88-108-154-080	C-RES,U 150K-1/16W J	a

ELECTRICAL PARTS LIST - 16/17

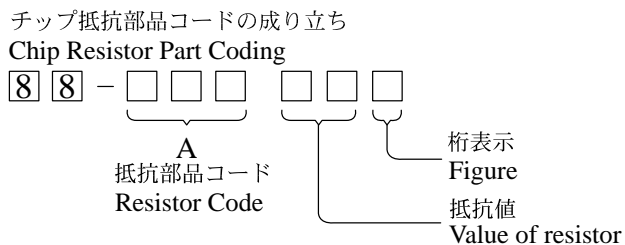
! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
MAIN		O R 0998	88-108-102-080	C-RES,U 1K-1/16W J	a
MAIN		O R 0999	88-108-103-080	C-RES,U 10K-1/16W J	a
MAIN		O SFR0451	87-A90-432-080	SFR,30K H NVZ6TLTA	a
MAIN		O SFR0452	87-A90-432-080	SFR,30K H NVZ6TLTA	a
MAIN		X SH 0301	8C-NF5-221-010	PLATE,SHLD DECK M	a
MAIN		X SH 0901	8B-ZA3-619-010	SHLD-CASE,BZA-3 EZ	a
MAIN		O TH 0101	87-A91-042-080	C-THMS,100K 55001	a
MAIN		O TH 0102	87-A91-042-080	C-THMS,100K 55001	a
MAIN		O W 0099	8B-NFJ-620-010	F-CABLE,9P 2.5 280MM	a
MAIN		O W 0101	8B-NF1-640-010	F-CABLE,5P 2.5 250MM	a
MAIN		O WH 0001	87-A90-510-010	HLDL,WIRE 2.5-9P	a
MAIN		O WH 0101	87-A90-459-010	HLDL,WIRE 2.5-5P	a
MAIN		O X 0992	87-A70-306-010	VIB,XTAL 4.500MHZ CSA-309ST	a
PT		O C 0085	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a
PT		S D 0082	87-A40-270-040	C-DIODE,MC2838	a
PT		S D 0083	87-A40-269-040	C-DIODE,MC2836	a
PT		X F 0081	88-100-000-010	PLATING-JW, 0.58 SN95	a
PT	!	O PT 0001	8C-NF6-608-010	PT,CNF-6 EZ	a
PT	!	O PT 0081	8B-MA6-675-010	PT,SUB BMA E (VRK)	a
PT	!	O RY 0081	87-A91-418-010	RELAY,AC 12V G5PA-1-M	a
					CX-SNR72 VSM1
PT	!	O T 0081	87-A60-317-010	TERMINAL, 1P MSC	a
PT	!	O T 0082	87-A60-317-010	TERMINAL, 1P MSC	a
PT		O WH 0081	87-A90-510-010	HLDL,WIRE 2.5-9P	a
T-T		O C 0401	87-A11-148-080	CAP,TC U 0.1-50 Z F	a
T-T		O CON0401	86-NFZ-675-010	CONN,5P H 6216-11H	a
T-T		O PS 0401	87-A90-156-010	SNSR,SG-240	a
T-T		X R 0408	88-121-561-080	RES,560-1/8W J	a
T-T		X R 0409	88-121-273-080	RES,27K-1/8W J	a

- Regarding connectors, they are not stocked as they are not the initial order items.
The connectors are available after they are supplied from connector manufacturers upon the order is received.

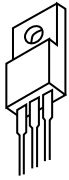
○チップ抵抗部品コード/CHIP RESISTOR PART CODE



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 -1/1



B C E

2SB1686
2SD2642



E C B

2SA1296GR



E C B

2SA1980G
2SA1981Y
2SC3331(T/U)
2SC5343Y



E C B

2SB1370E



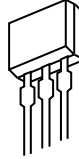
E C B

2N5551C



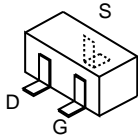
G D S

2SK3053

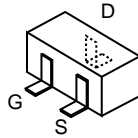


S D G

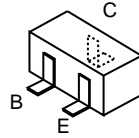
2SJ460
2SK2541



2SK360E



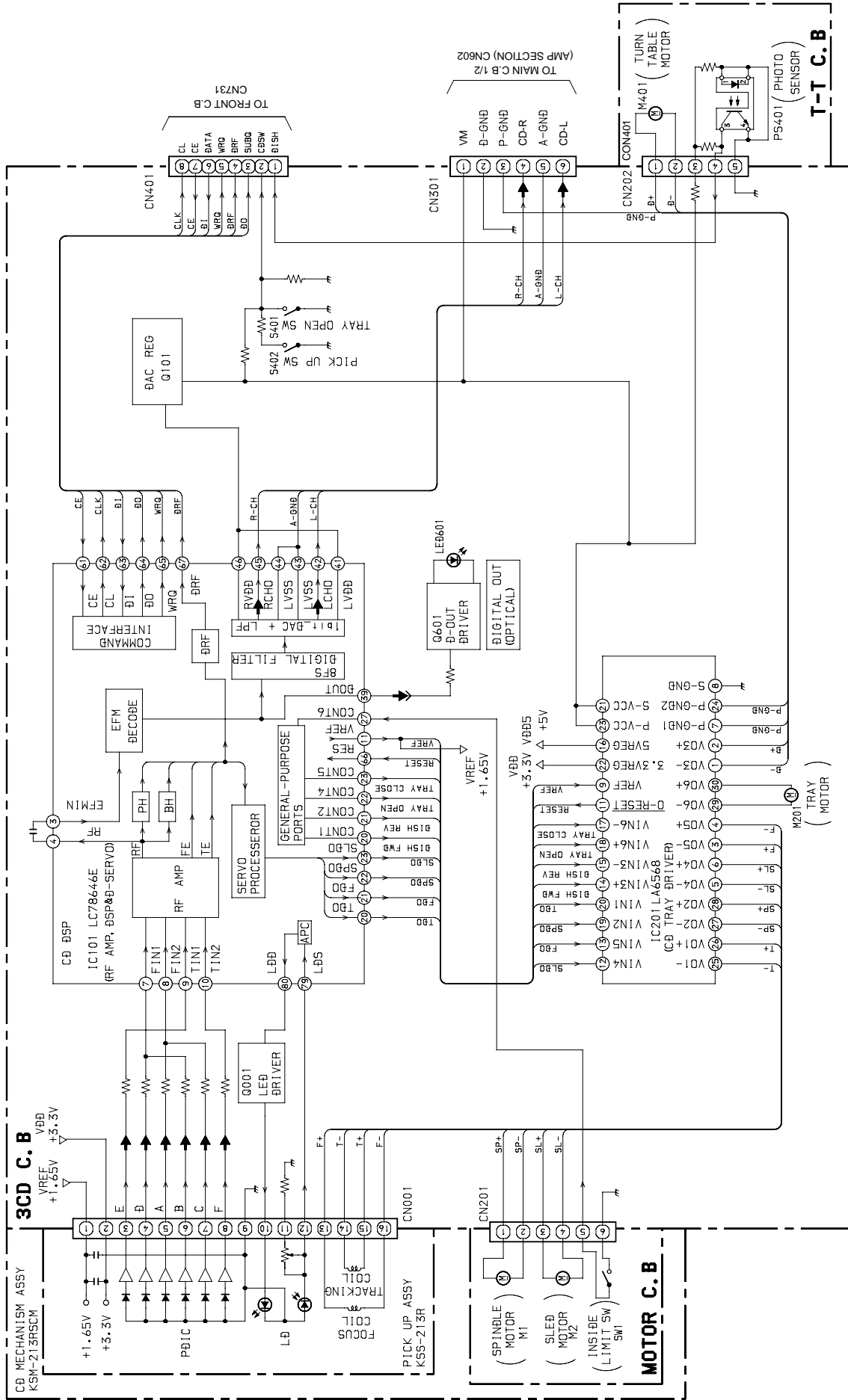
2SK2158



2SA1235F
2SC2620B
2SC3052F
2SC5345SF/S(O)
2SC5477
2SD1306NE07TL

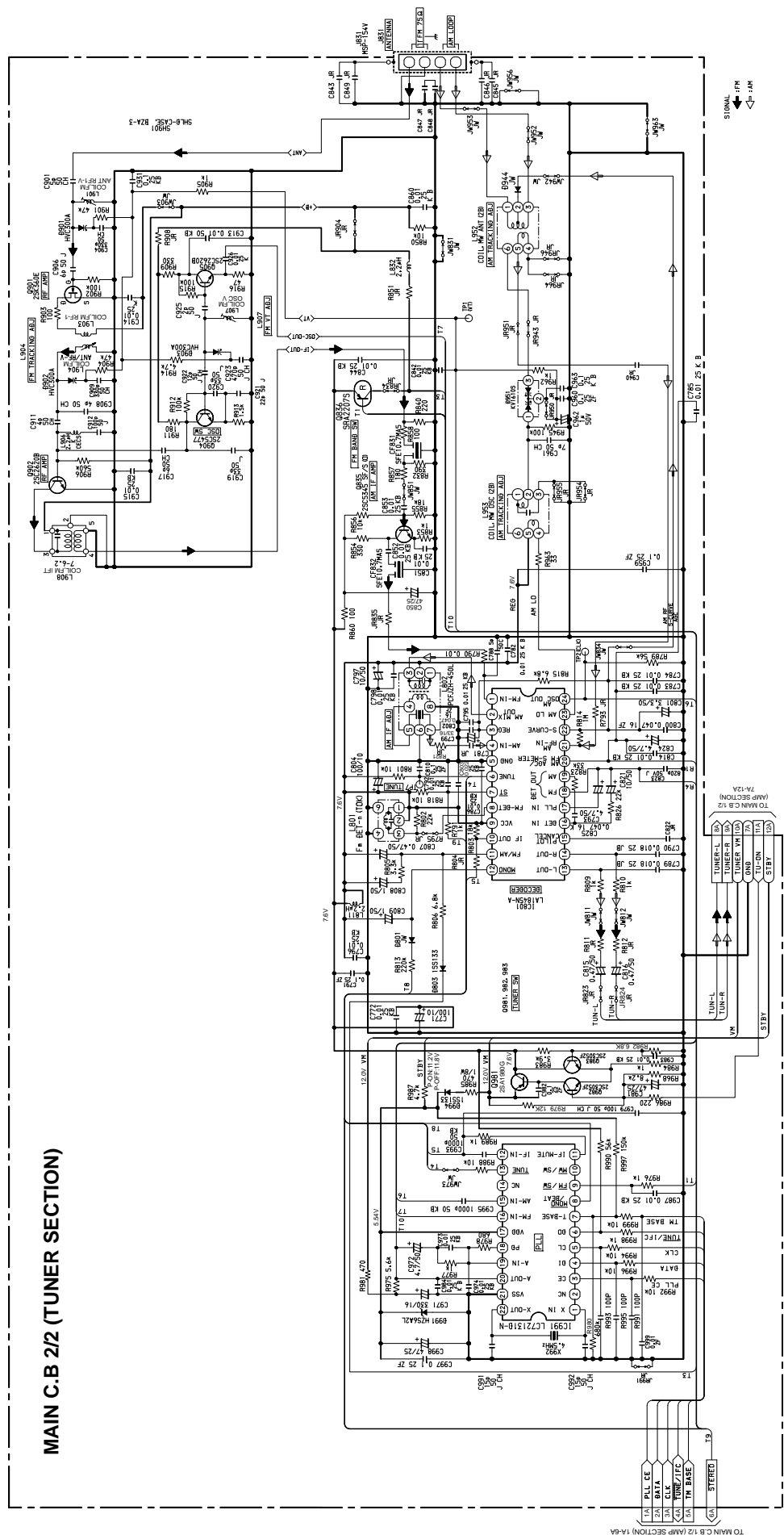
DTC114YKA
SBT5401
SBT5551
SRA2202S
SRA2207S

BLOCK DIAGRAM - 1/1 (CD SECTION)

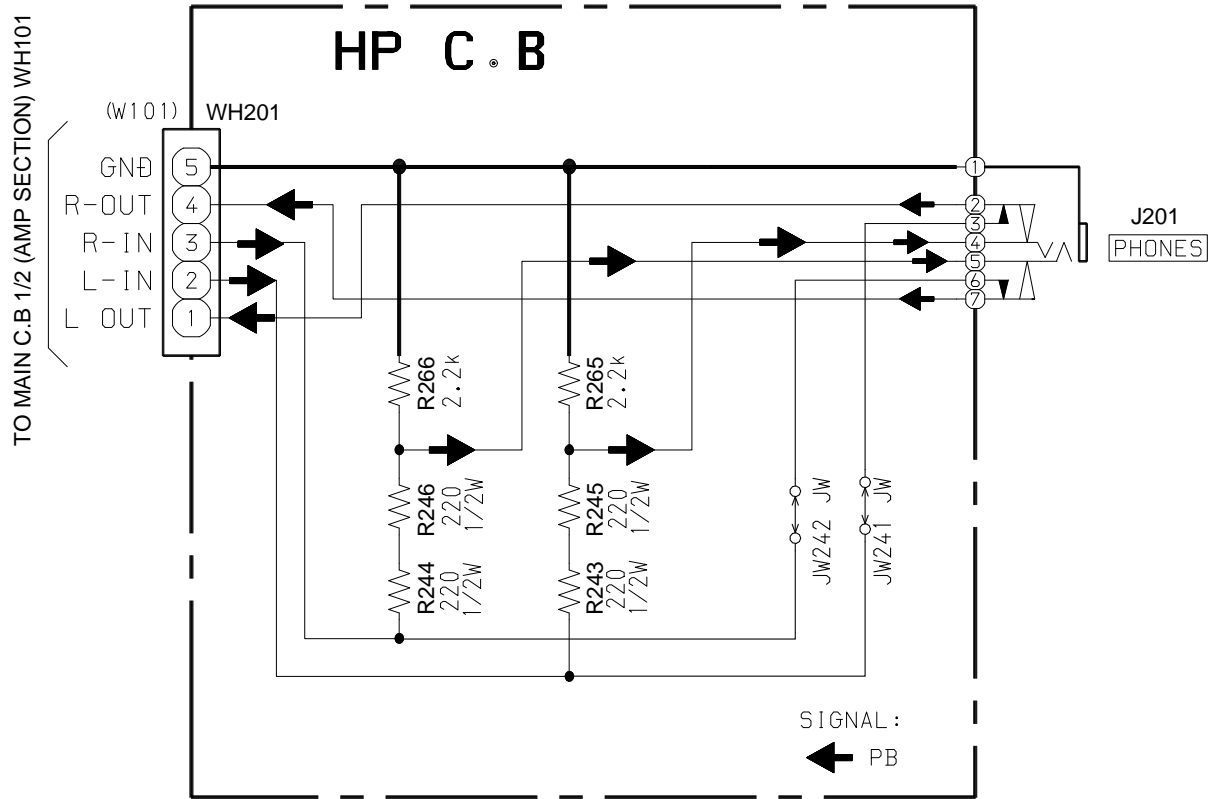


SIGNAL → : ANALOG AUDIO
 → : DIGITAL AUDIO

MAIN C.B 2/2 (TUNER SECTION)

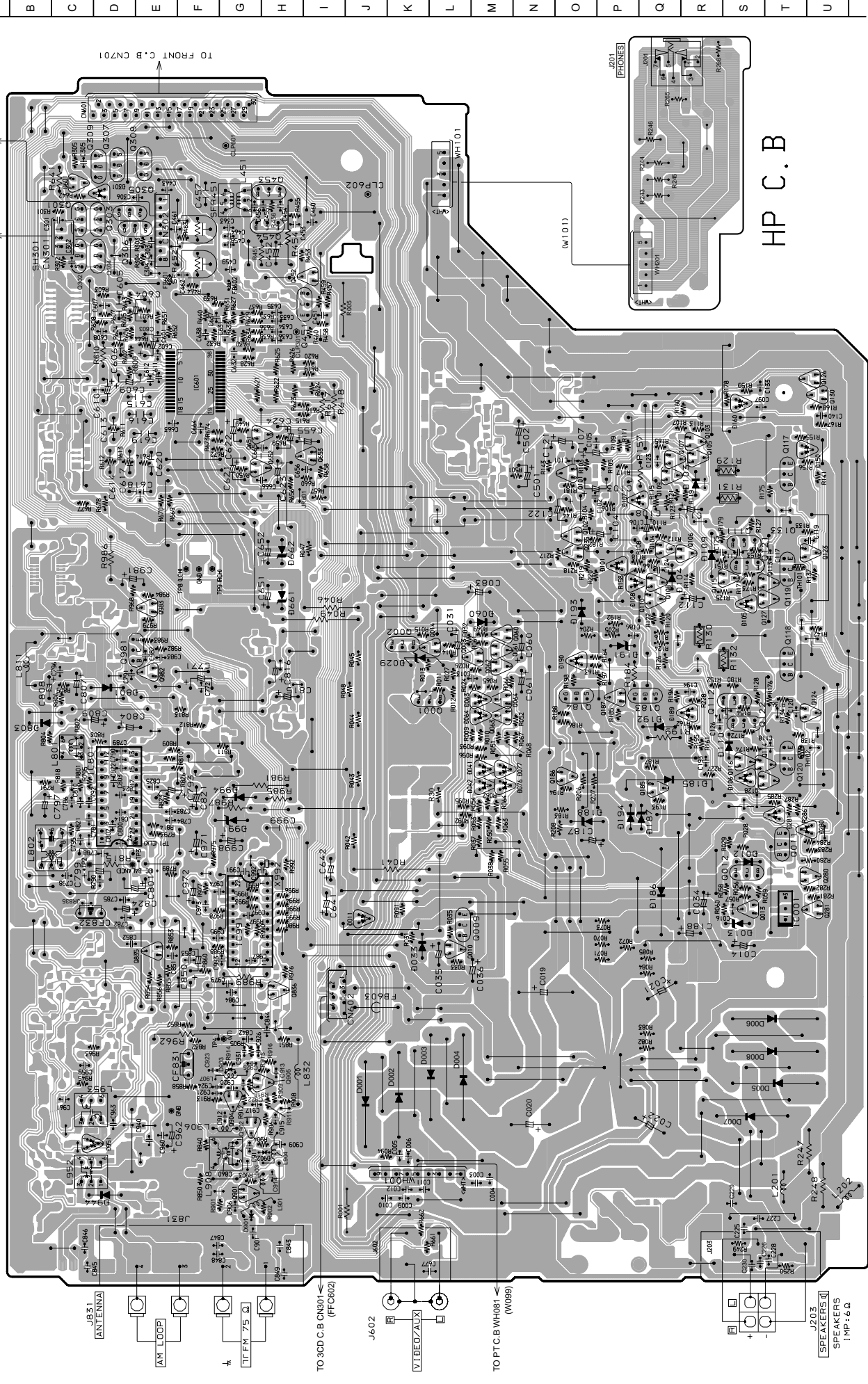


SCHEMATIC DIAGRAM -3/6 (HP SECTION)

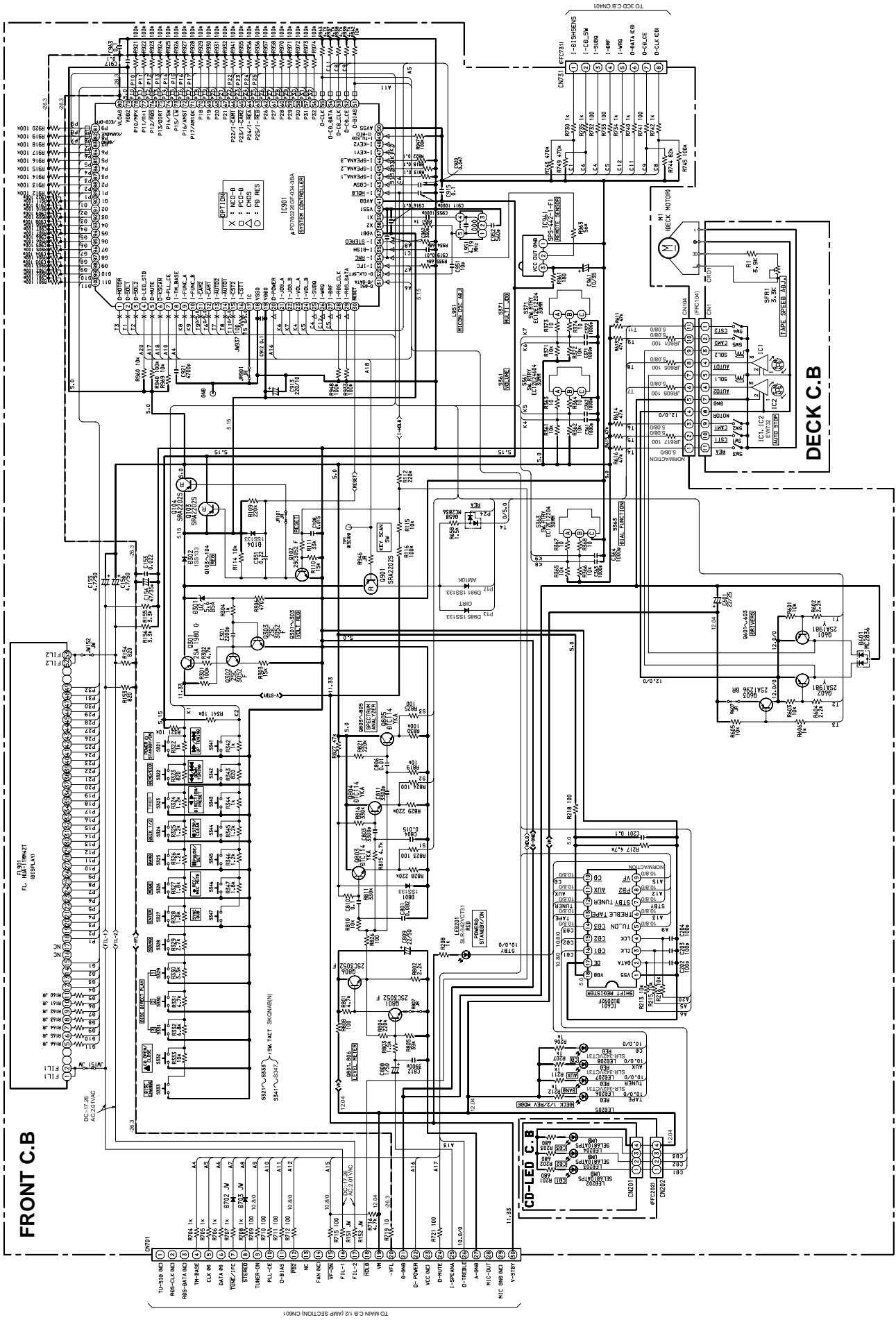


MAIN C.B.

TO HEAD-1 C.B. CNA301
TO HEAD-2 C.B. CNA302

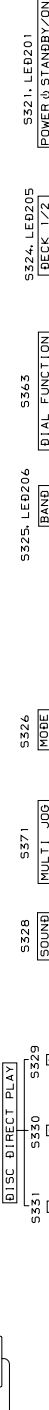
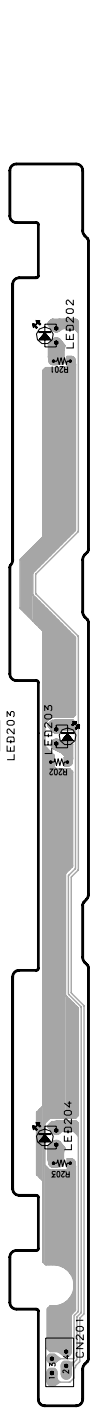


SCHEMATIC DIAGRAM - 4/6 (FRONT/CD-LED/DECK SECTION)

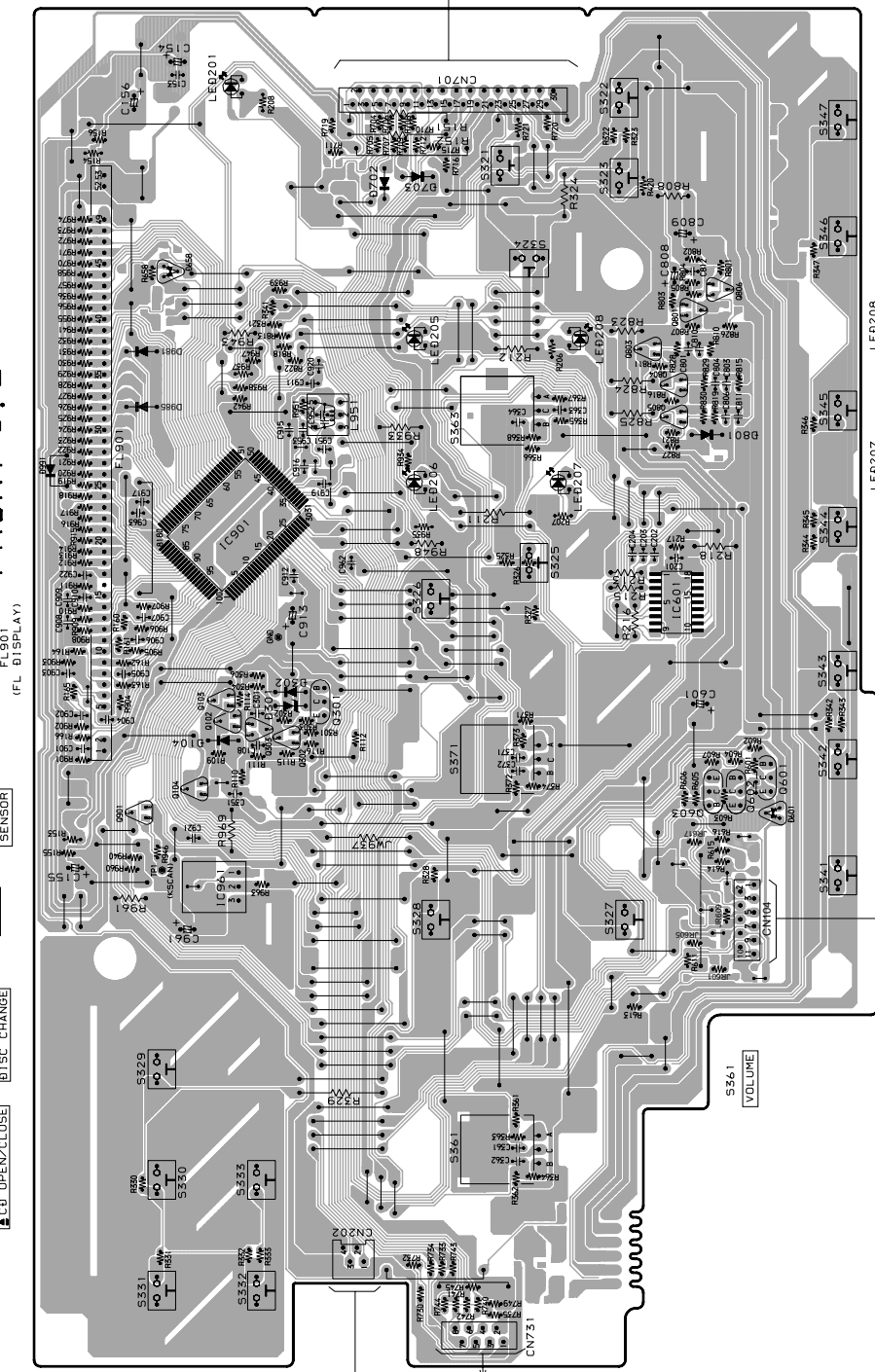


32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

CD-LED C.B



FRONT C.B



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

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

DECK C.B.

SW5
(CAM2)

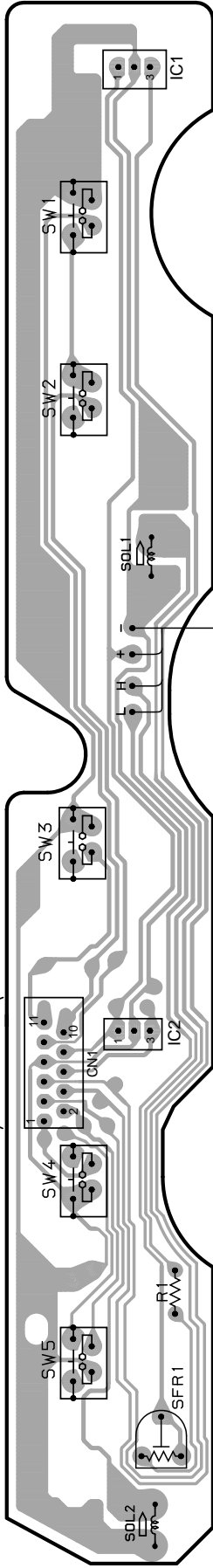
SW4
(CST2)

TO MAIN C.B. CN104
(FFC104)

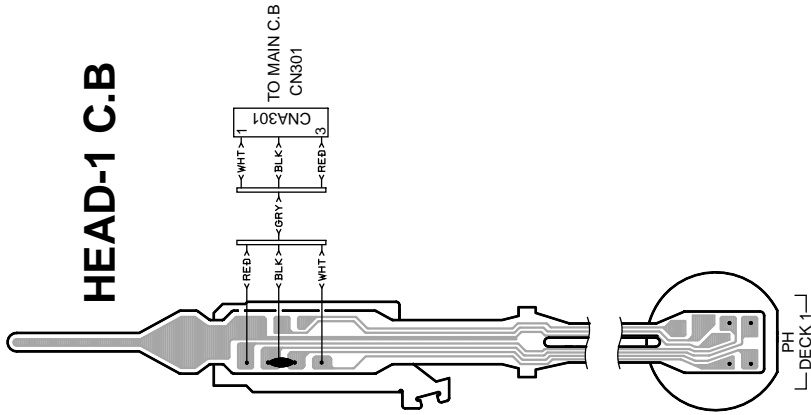
SW3
(REA)

SW1
(CST1)

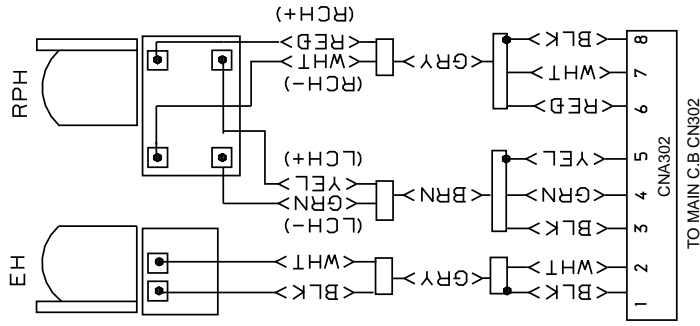
SW2
(CAM1)



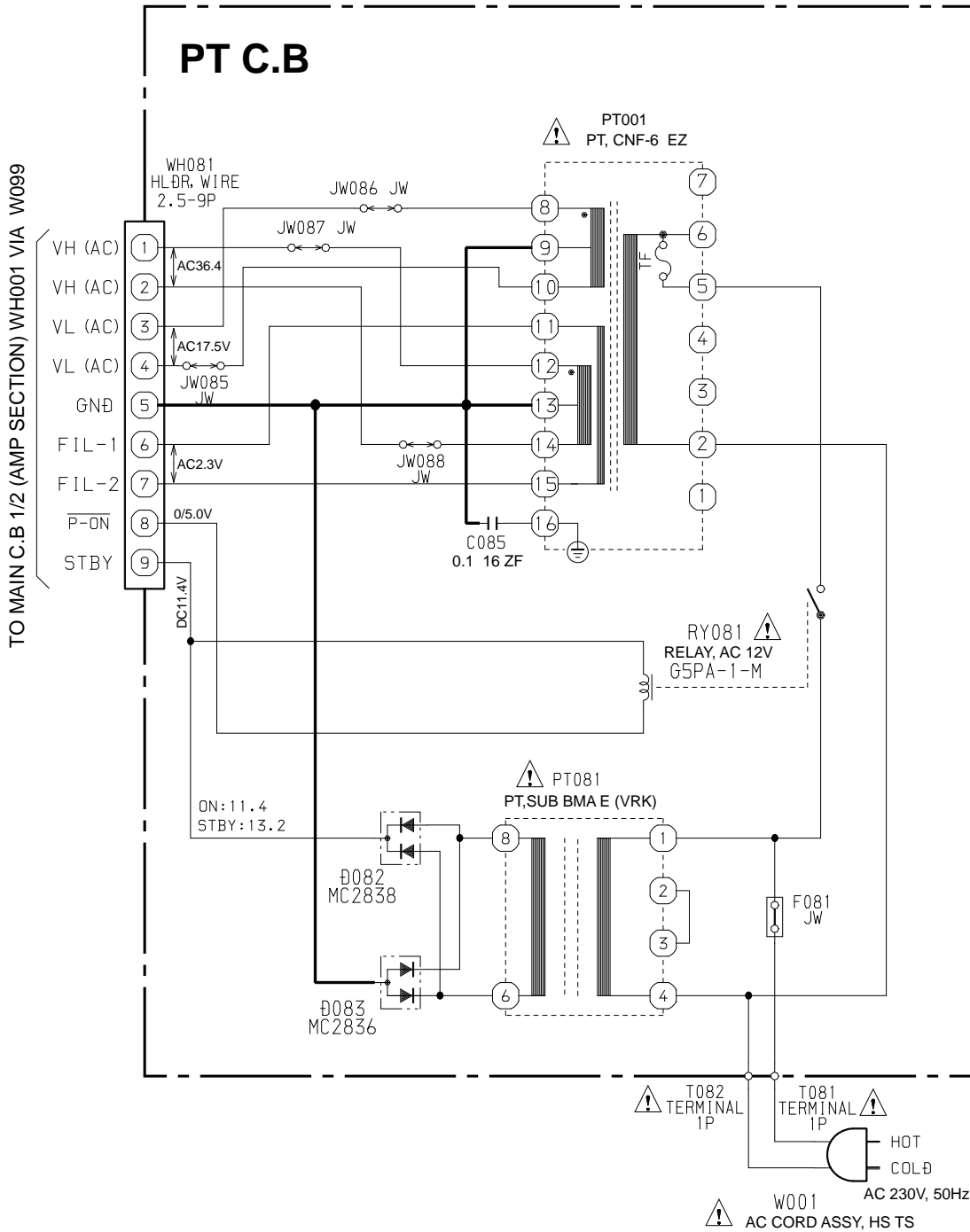
HEAD-1 C.B.



DECK-2



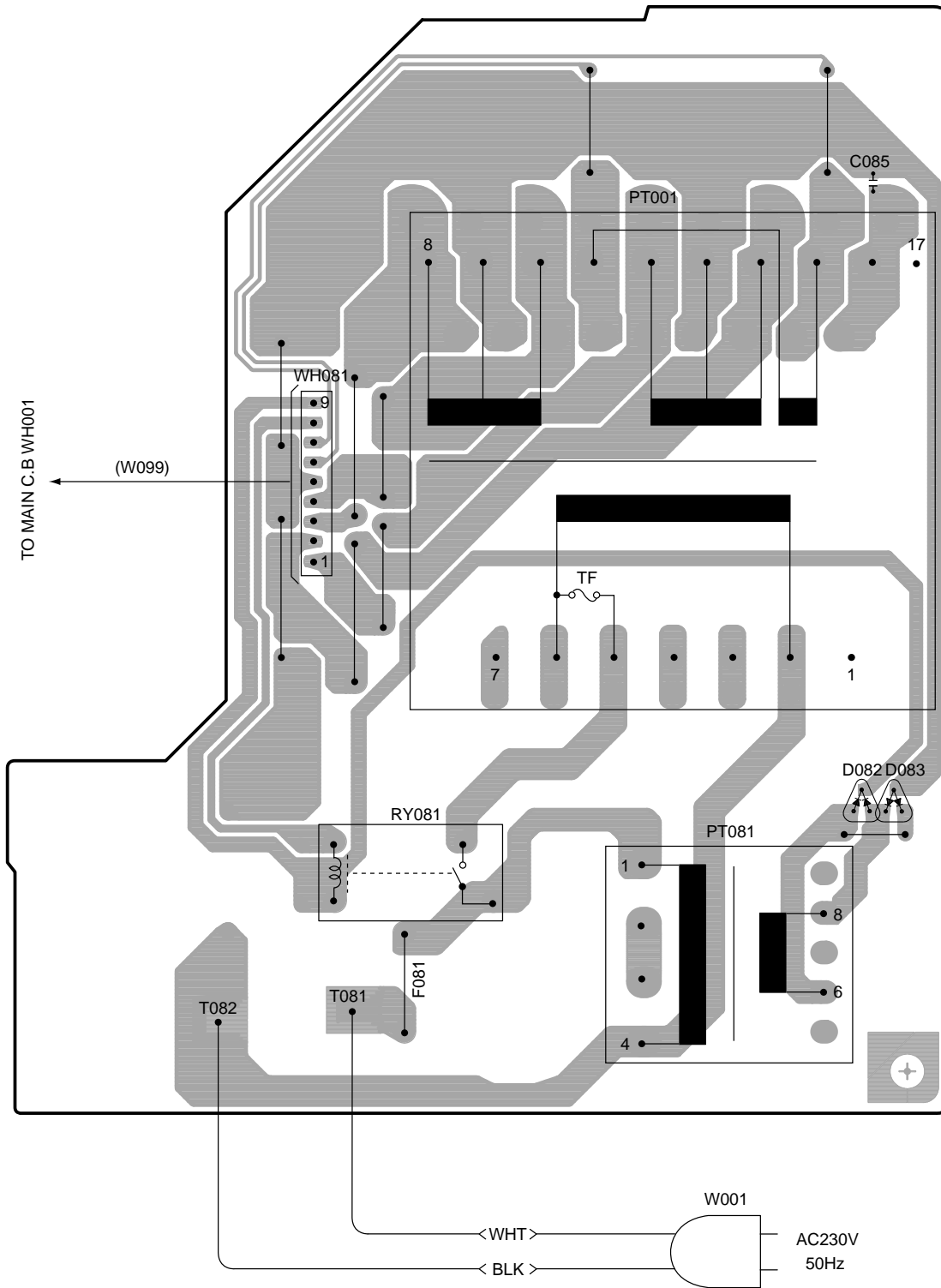
SCHEMATIC DIAGRAM -5/6 (PT SECTION)



WIRING - 4/5 (PT C.B)

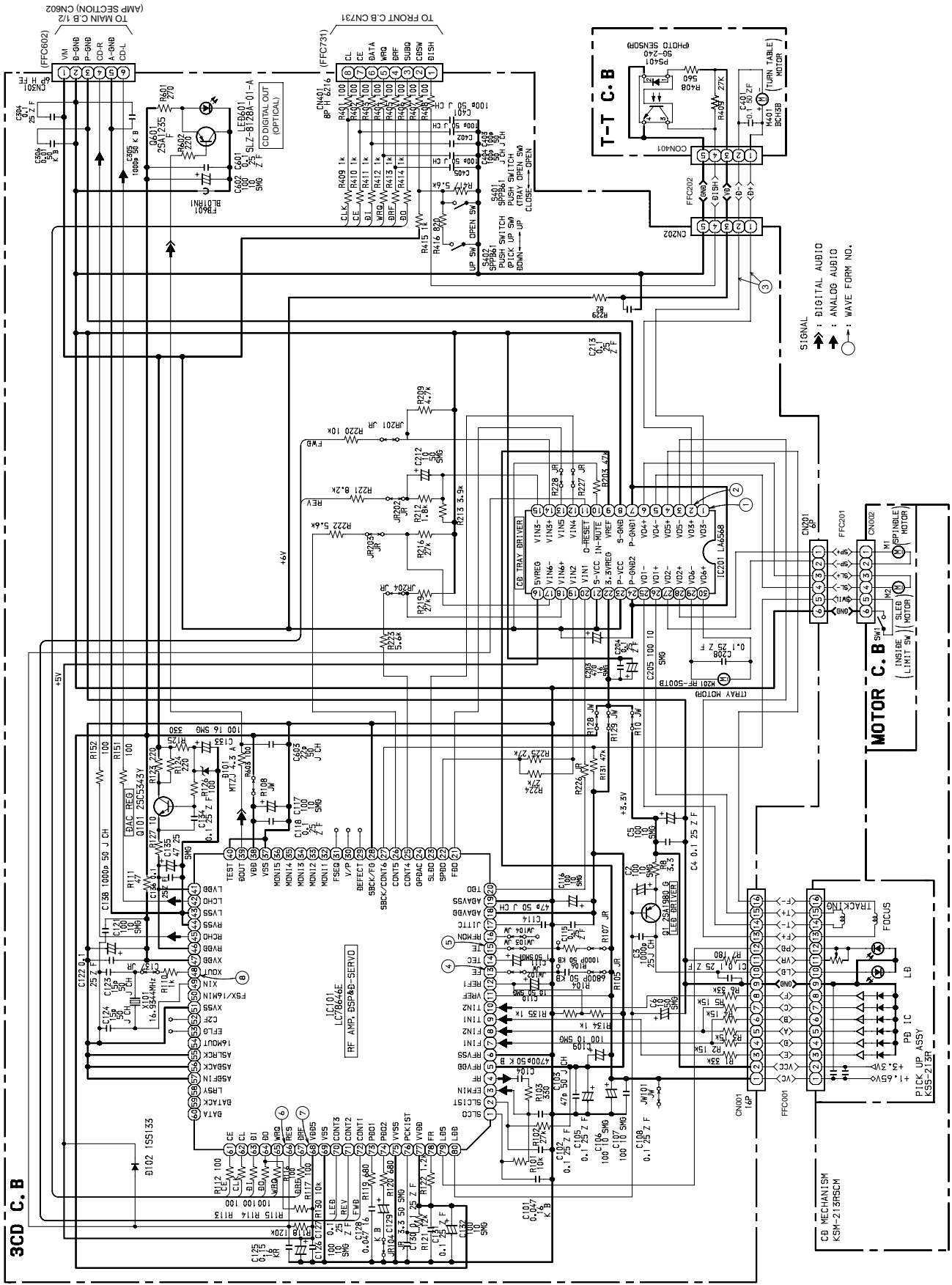
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
----	----	----	----	----	----	---	---	---	---	---	---	---	---	---

PT C.B



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

SCHEMATIC DIAGRAM - 6/6 (3CD/T-T SECTION)



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

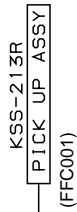
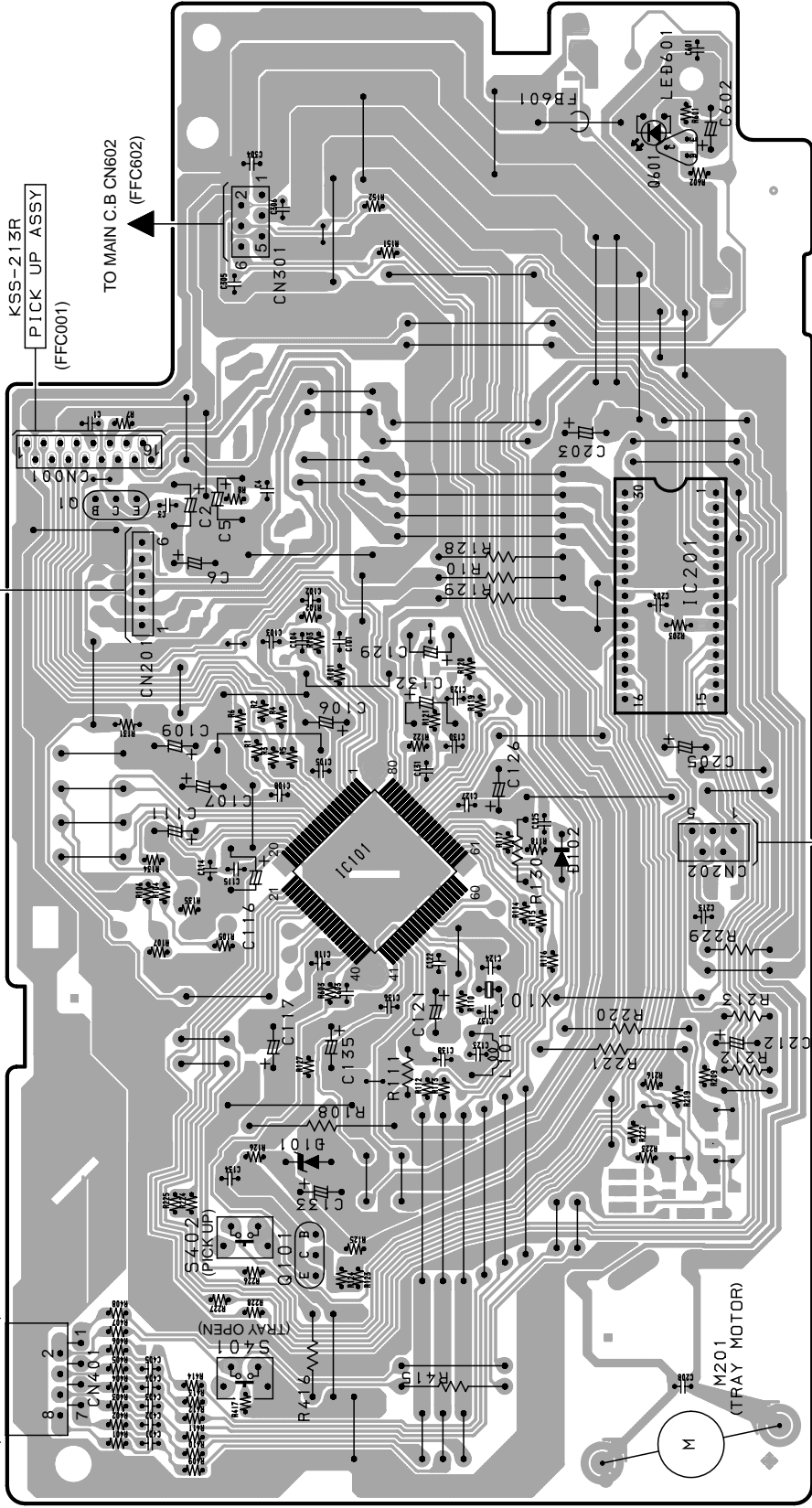
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

TO FRONT C.B CN731



3CD C.B

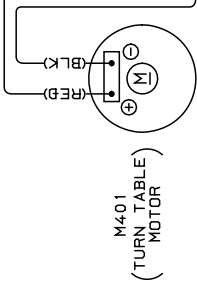
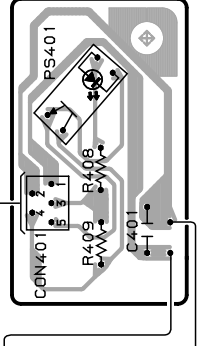
TO MOTOR C.B CN002



TO MAIN C.B CN602 (FFC602)



LED601
DIGITAL
OUT
(OPTICAL)

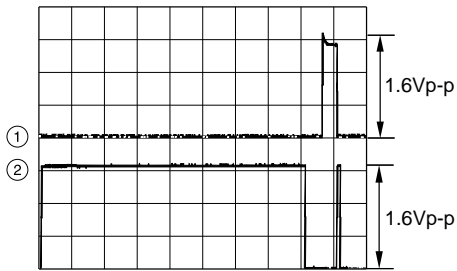


M401
(TURN TABLE)
MOTOR

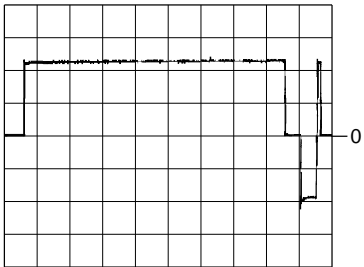
T-T C.B

WAVEFORMS -1/1

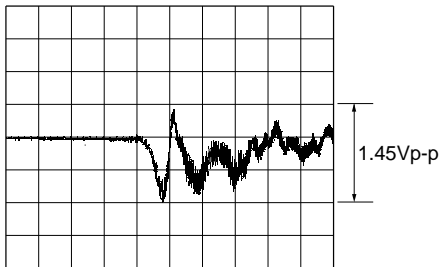
- ① IC201 Pin ① (Vo3-)
 - ② IC201 Pin ② (Vo3+)
- VOLT/DIV: 500 mV
TIME/DIV: 200 ms



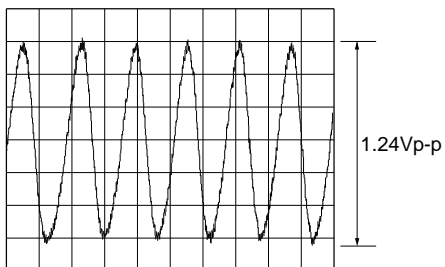
- ③ Between CN202 Pin ① and ② (Pin ②: 0 Level)
- VOLT/DIV: 1 V
TIME/DIV: 200 ms



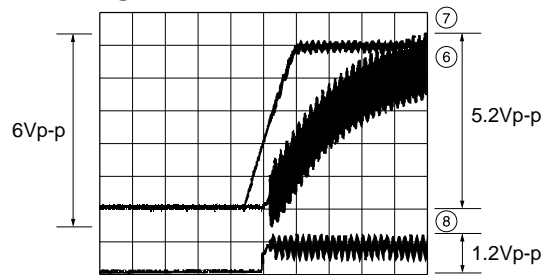
- ④ IC101 Pin ⑬ (FE)
- VOLT/DIV: 500 mV
TIME/DIV: 5 ms



- ⑤ IC101 Pin ⑮ (TE)
- VOLT/DIV: 200 mV
TIME/DIV: 200 μs

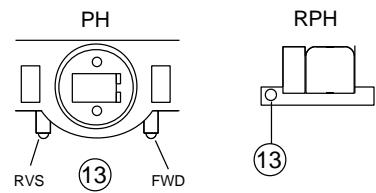
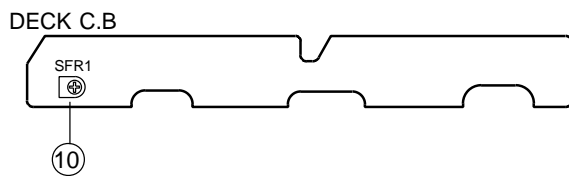
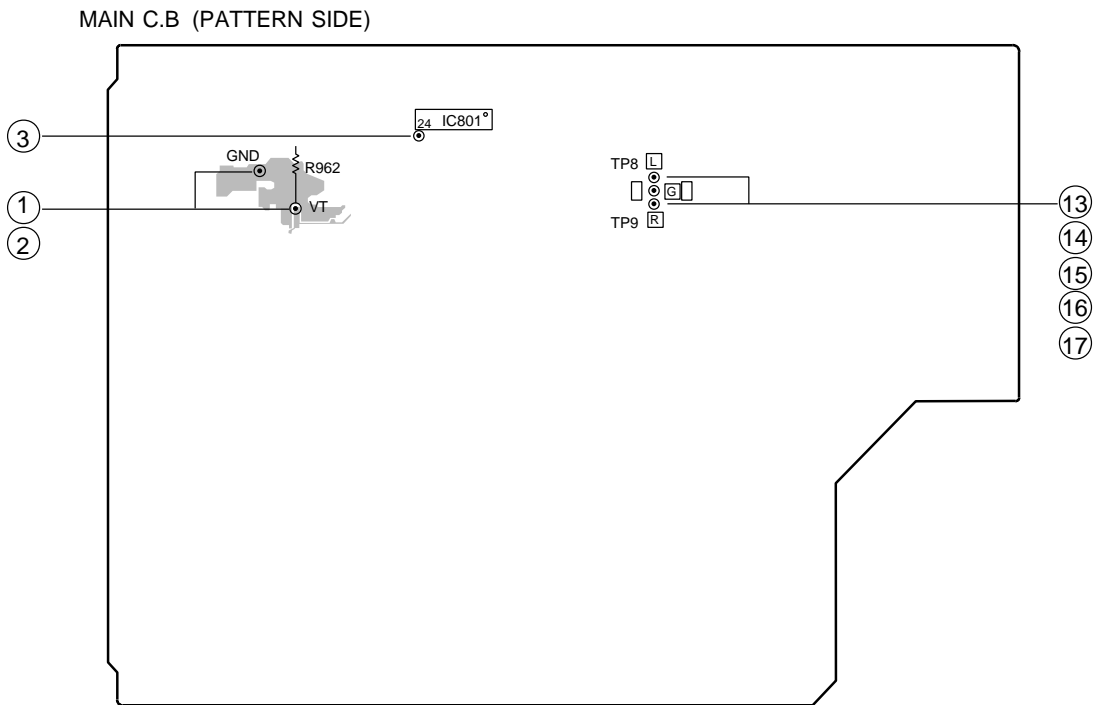
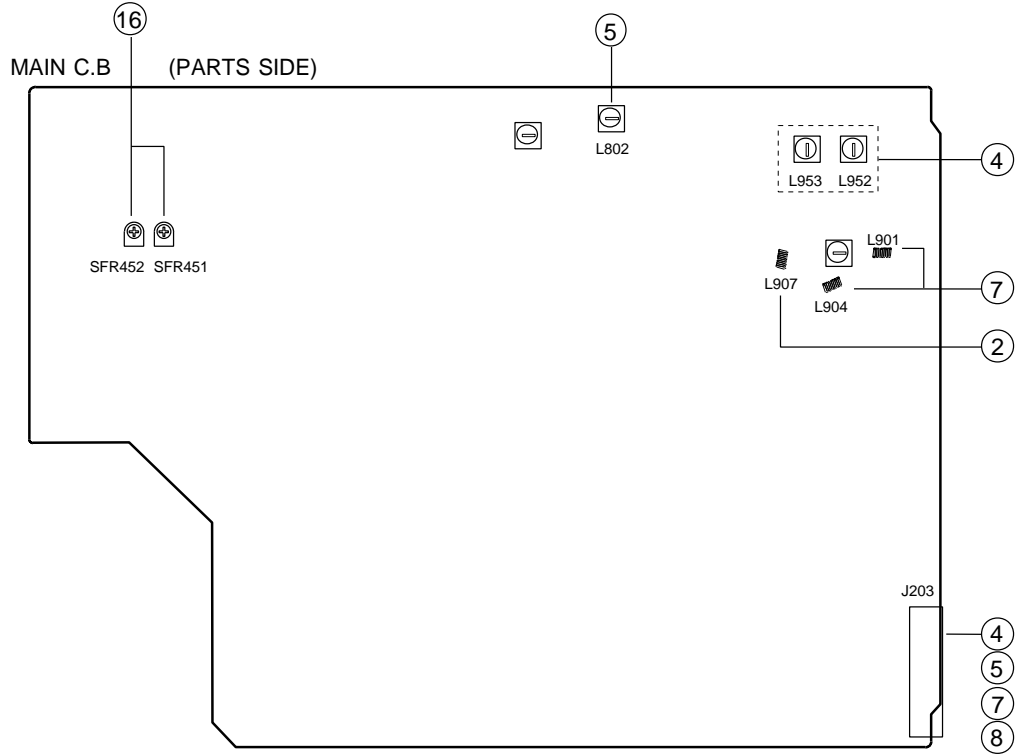


- ⑥ IC101 Pin ⑥⑥ (RES)
 - ⑦ IC101 Pin ⑥⑧ (VDD5)
 - ⑧ IC101 Pin ④⑧ (XOUT)
- VOLT/DIV: 1 V
TIME/DIV: 10 ms



ELECTRICAL ADJUSTMENT -1/7

<TUNER/DECK Section>



ELECTRICAL ADJUSTMENT -2/7

<TUNER Adjustment>

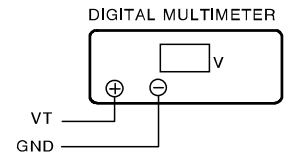
1. VT Check (AM)

Requirements

- Measuring instrument: Digital multimeter

Test points: VT, GND

- 1) Connect the digital multimeter between VT and GND.
- 2) Set the function to AM, and tune the receiving frequency of the unit at 1,602 kHz.
- 3) Check that the digital multimeter ranges under 9 V.
- 4) Tune the receiving frequency of the unit at 531 kHz.
- 5) Check that the digital multimeter ranges above 0.5 V.



2. VT Adjustment and Check (FM)

Requirements: Same as the above.

- Adjustment point: L907

- 1) Connect the digital multimeter between VT and GND.
- 2) Set the function to FM, and tune the receiving frequency of the unit at 108.0 MHz.
- 3) Adjust L907 so that the digital multimeter ranges at 9.0 ± 0.1 V.
- 4) Tune the receiving frequency of the unit at 65 MHz.
- 5) Check that the digital multimeter ranges under 0.5 V.

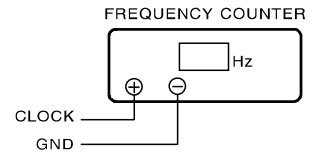
3. CLOCK Check

Requirements

- Measuring instrument: Frequency counter

Test point: CLOCK (IC801 24PIN), GND

- 1) Connect the frequency counter between CLOCK and GND.
- 2) Set the function to AM, and tune the receiving frequency of the unit at 1,602 kHz.
- 3) Check that the frequency counter ranges at $2,160 \text{ kHz} \pm 45 \text{ Hz}$.



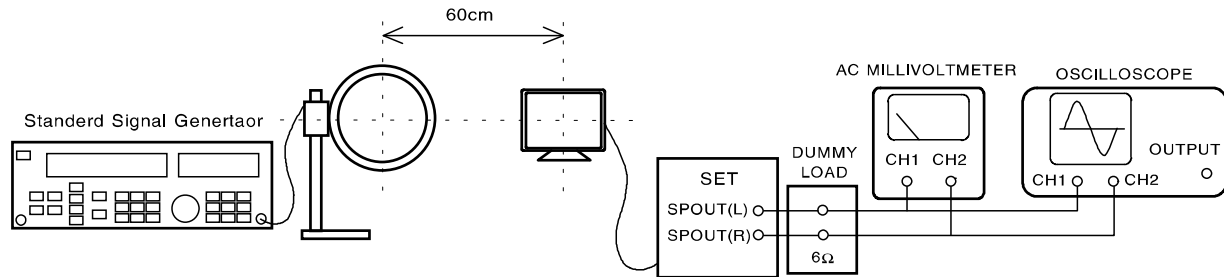
ELECTRICAL ADJUSTMENT -3/7

<AM Adjustment>

Make the following preparations for AM adjustment.

Preparations

- Standard Signal Generator (S.S.G.) / Loop antenna / Oscilloscope / Millivoltmeter / Dummy resistance (6Ω)
 - 1) Connect the unit and measuring instruments as shown in the diagram below.
 - 2) Position the loop antenna connected to S.S.G. and the one connected to the unit 60 cm apart.



4. Tracking Adjustment

Requirements: As instructed in preparations.

- Adjustment point: L952 / L953
 - 1) Set S.S.G. to AM; carrier of 999 kHz with 30% modulation, and source at 1 kHz, position output at maximum.
 - 2) Tune the receiving frequency of the unit at AM 999 kHz.
 - 3) While monitoring the waveform at 1 kHz through the oscilloscope, lower the output level of S.S.G. maximum (till a certain degree of noise is monitored).
 - 4) Adjust L952 so that the millivoltmeter points maximum.
 - 5) Set S.S.G. to AM; carrier of 603 kHz with 30% modulation, and source at 1 kHz.
 - 6) Tune the receiving frequency of the unit at AM 603 kHz.
 - 7) Adjust L953 so that the millivoltmeter points maximum.
 - 8) Repeat above steps 1) to 7) 2 or 3 times.

5. IF Adjustment

Requirements: As instructed in preparations.

- Adjustment point: L802
 - 1) Set S.S.G. to AM; carrier of 999 kHz with 30% modulation, and source at 1 kHz, position output at maximum.
 - 2) Tune the receiving frequency of the unit at AM 999 kHz.
 - 3) While monitoring the waveform at 1 kHz through the oscilloscope, lower the output level of S.S.G. maximum (till a certain degree of noise is monitored).
 - 4) Adjust L802 so that the millivoltmeter points maximum.

6. Auto-Stop Check

Requirements: As instructed in preparations.

- 1) Set S.S.G. to AM; carrier of 999 kHz with 30% modulation, source at 1 kHz, and output of 40 to 65 dBuV.
- 2) Apply the tuning search function, and check that the unit automatically stops at AM 999 kHz.

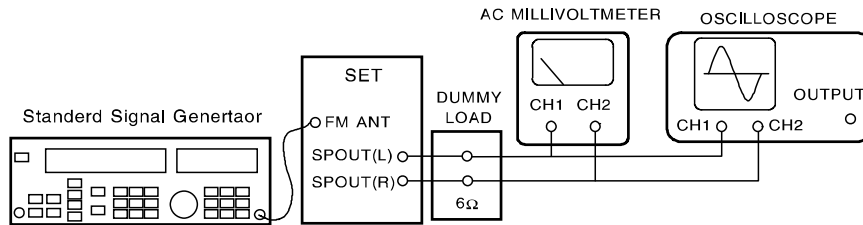
ELECTRICAL ADJUSTMENT -4/7

<FM Adjustment>

Make the following preparations for FM adjustment.

Preparations

- Standard Signal Generator (S.S.G.) / Loop antenna / Oscilloscope / Millivoltmeter / Dummy resistance (6Ω)
 - 1) Connect the unit and measuring instruments as shown in the diagram below.
 - 2) Connect the output of S.S.G. to the antenna input of the unit.



7. Tracking Adjustment

Requirements: As instructed in preparations.

- Adjustment point: L901, L904
 - 1) Set S.S.G. to FM; carrier of 65 MHz with 75 kHz modulation, and source at 1 kHz.
 - 2) Tune the receiving frequency of the unit at FM 65 MHz.
 - 3) While monitoring the waveform at 1kHz through the oscilloscope, lower the output level of S.S.G. maximum (till a certain degree of noise is monitored).
 - 4) Adjust L901 and L904 so that the millivoltmeter points maximum.

8. Separation Check

Requirements: As instructed in preparations.

- 1) Set S.S.G. to FM; carrier of 98 MHz with 67.5 kHz modulation, source at 1 kHz, and output at 74 dBuV.
- 2) Switch S.S.G. to PILOT ON, and set PILOT at 7.5 kHz.
- 3) Tune the receiving frequency of the unit at FM 98 MHz.
- 4) Allow the output of S.S.G. only from Lch, and check that the difference between Lch and Rch is 25 dB or above.
- 5) Apply the above check to Rch.

9. Auto-Stop Check

Requirements: As instructed in preparations.

- 1) Set S.S.G. to FM; carrier of 98 MHz with 75 kHz modulation, source at 1kHz, and output at 10 to 35 dBuV or less.
- 2) Apply the tuning search function, and check that the unit automatically stops at FM 98 MHz.

ELECTRICAL ADJUSTMENT -5/7

<DECK Section>

10. Tape Speed Adjustment (DECK 2)

Requirements

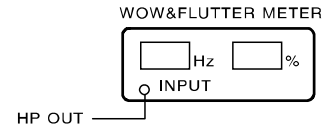
- Measuring instrument: Wow and flutter meter (frequency counter)

Test tape: TTA-100 (3 kHz)

Test point: HP OUT

Adjustment point: SFR1

- 1) Connect the wow and flutter meter to HP OUT of the unit.
- 2) Insert the test tape (TTA-100) to DECK 2. Play back the middle part of the tape, and adjust SFR1 so that the level 3,000 Hz \pm 5 Hz is monitored.



11. Tape Speed Check (DECK 1)

Requirements: Same as the above, 10.

- 1) Insert the test tape (TTA-100) to DECK 1. Play back the middle part of the tape, and check that the level is ranged within \pm 45 Hz as compared to the speed monitored for DECK 2.

12. Wow and Flutter Check (DECK 1 and DECK 2)

Requirements: Same as the above, 10.

- 1) Connect the wow and flutter meter to HP OUT of the unit.
- 2) Set the wow and flutter to JIS for INDICATOR and to W RMS (WTD) for mode.
- 3) Play back the middle part of the test tape (TTA-100), and check that the level ranges under 0.25%.

13. Head Azimuth Adjustment (DECK 1 and DECK 2)

Requirements

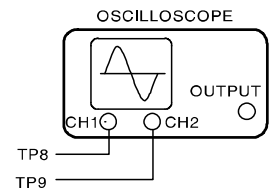
- Measuring instrument: Oscilloscope

Test tape: TTA-300 (10 kHz)

Test point: TP8 (Lch), TP9 (Rch)

Adjustment point: Head azimuth adjustment screw

- 1) Connect the probe CH1 of the oscilloscope to TP8 (Lch) and CH2 to TP9 (Rch).
- 2) Set V mode of the oscilloscope to ADD.
- 3) Insert the test tape (TTA-300) to DECK 1. Forward and play back the middle part of the tape, and adjust the head azimuth adjustment screw so that the waveform achieves its maximum level when 10 kHz is played.
- 4) A reverse side adjust similarly.
- 5) After adjustment, secure the screw with glue (1600 B).
- 6) Apply the above steps 3) and 5) to DECK 2.



14. Playback Frequency Check (DECK 1 and DECK 2)

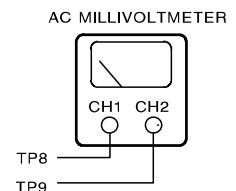
Requirements

- Measuring instrument: Millivoltmeter

Test tape: TTA-300 (315 Hz / 10 kHz)

Test point: TP8 (Lch), TP9 (Rch)

- 1) Connect CH1 of the millivoltmeter to TP8 (Lch) and CH2 to TP9 (Rch).
- 2) Insert the test tape (TTA-300) to DECK 1, and play back 315 Hz and 10 kHz.
- 3) Check that the level of 10 kHz is ranged within 0 ± 3 dB compared to the output level of 315 Hz as a reference.
- 4) Apply the above steps 2) and 3) to DECK 2.



ELECTRICAL ADJUSTMENT -6/7

15. Playback Sensitivity Check (DECK 1 and DECK 2)

Requirements

- Measuring instrument: Millivoltmeter
- Test tape: TTA-200 (400 Hz)
- Test points: TP8 (Lch), TP9 (Rch)
- 1) Connect CH1 of the millivoltmeter to TP8 (Lch) and CH2 to TP9 (Rch).
- 2) Insert the test tape (TTA-200) to DECK 1 and play back.
- 3) Check that the output level is ranged within $140 \text{ mV} \pm 3 \text{ dB}$.
- 4) Apply the above steps, 2) and 3) to DECK 2.

16. Record/Playback Frequency Response Adjustment (DECK 2)

Requirements

- Measuring instrument: Millivoltmeter, Audio signal oscillator (low frequency oscillator), Attenuator

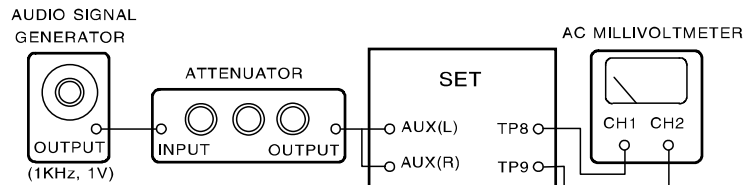
Test tape: TTA-602 (NORMAL)

Test points: TP8 (Lch), TP9 (Rch)

Input point: AUX (1 kHz / 10 kHz)

Adjustment points: SFR451 (Lch), SFR452 (Rch)

- 1) Connect CH1 of the millivoltmeter to TP8 (Lch) and CH2 to TP9 (Rch).
- 2) Connect the output of the oscillator to the attenuator, and then the attenuator to AUX of the unit.
- 3) Insert the test tape (TTA-602) to DECK 2, and record 1 kHz signal from AUX.
- 4) Adjust the attenuator so that the output levels at TP8 and TP9 are ranged at 10mV.
- 5) Record 1 kHz and 10 kHz alternatively.
- 6) Play back the tape. Adjust SFR451 (Lch)/SFR452 (Rch) so that the playback output level of 10 kHz is ranged within $0 \pm 1 \text{ dB}$ compared to the playback output level of 1 kHz as reference.



17. Record/Playback Sensitivity Check (DECK 2)

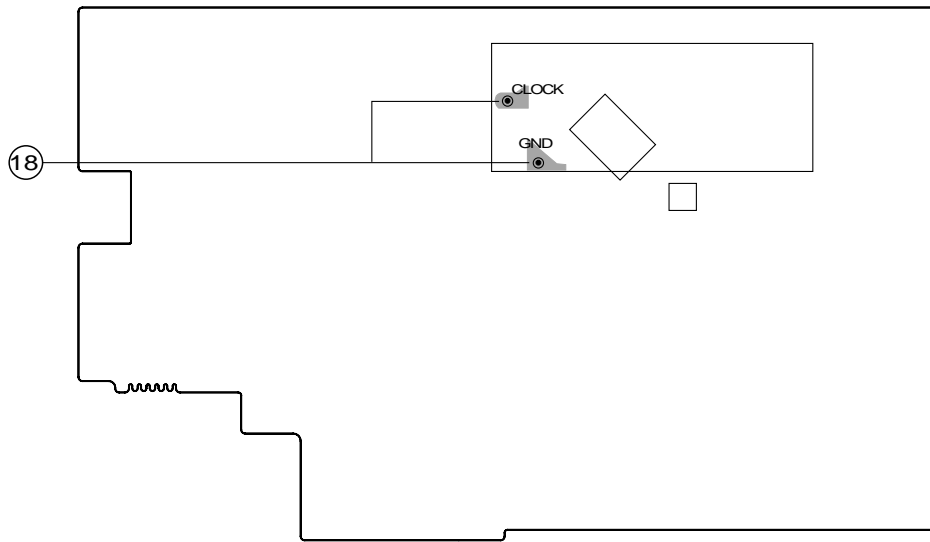
Requirements

- Measuring instrument: Same as the above, 18
- Test tape: TTA-602 (NORMAL)
- Test point: TP8 (Lch), TP9 (Rch)
- Input point: AUX (1 kHz)
- 1) Insert the test tape (TTA-602) to DECK 2, and record 1 kHz signal from AUX.
- 2) Adjust the attenuator so that the output levels at TP8 and TP9 are 100 mV.
- 3) Play back 1kHz, and check that the output level is ranged within $-2 \text{ dB} \pm 3.5 \text{ dB}$ compared to the recording output level.

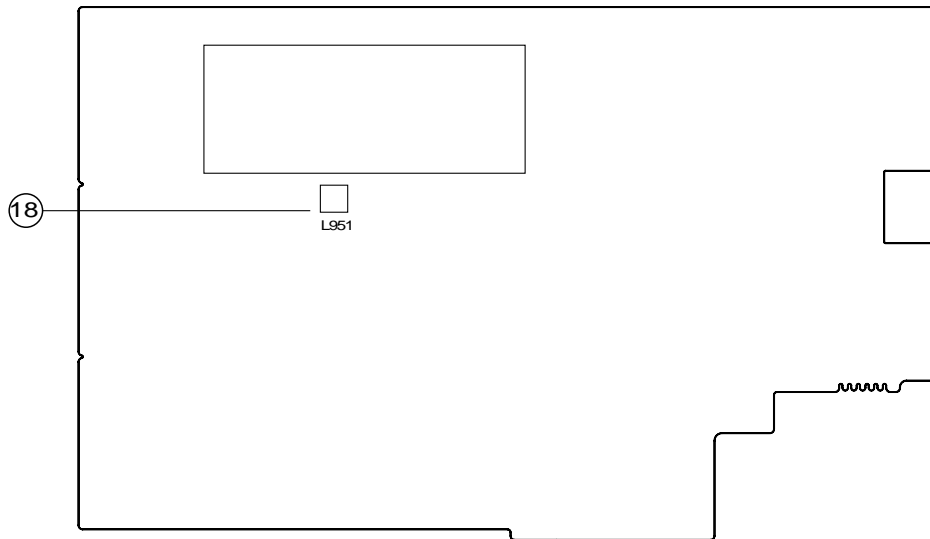
ELECTRICAL ADJUSTMENT -7/7

<FRONT Section>

FRONT C.B PATTERN SIDE



FRONT C.B PARTS SIDE



18. Clock Adjustment

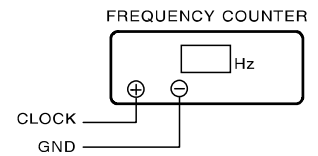
Requirements

- Measuring instrument: Frequency counter

Test point: CLOCK, GND

Adjustment point: L951

- 1) While pressing the FF and POWER button, insert the AC plug to the outlet.
- 2) Adjust L951 so that the frequency counter indicates the frequency level within 84.804 ± 0.085 Hz.



CD TEST MODE -1/1

1. Starting CD Test Mode

While pressing and holding down the CD OPEN/CLOSE button, insert the AC plug to outlet.
When test mode starts, the message, TEST appears on the display.

2. Exiting CD Test Mode

Press the other function key, POWER button or remove the AC plug from outlet.

3. Function of CD Test Mode

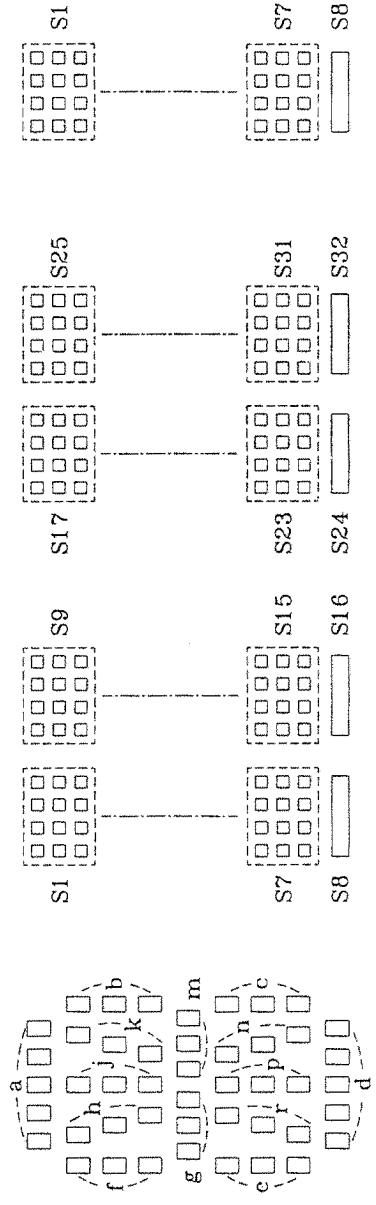
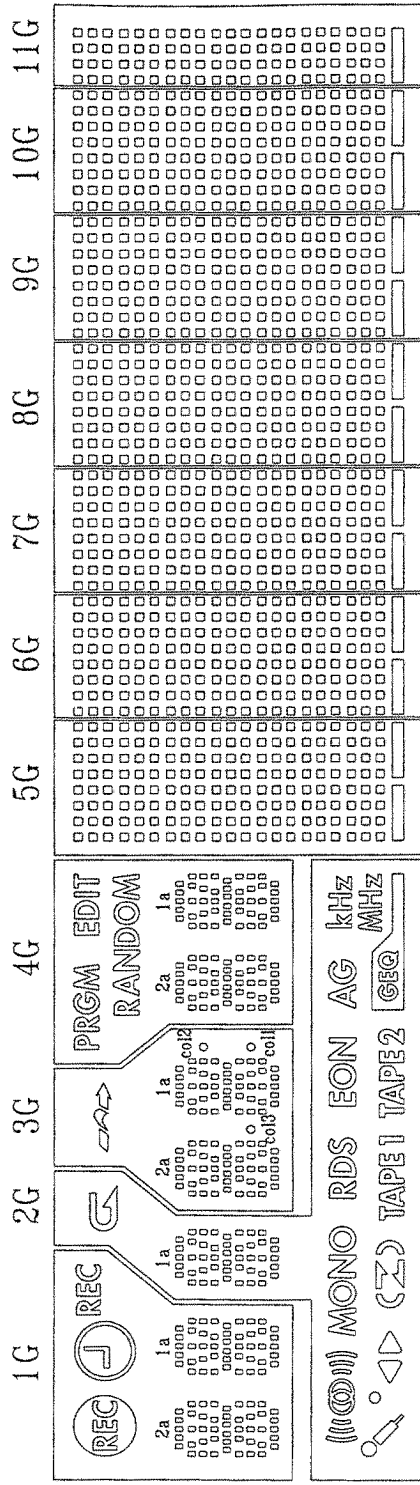
No	Mode	Function Key	Display	Movement	Check
1	Start Mode		All lit.	FL all lit.	<ul style="list-style-type: none"> • FL check • Microcomputer check
2	Search Mode	STOP button	READING	<ul style="list-style-type: none"> • LD constantly lit. • Focus search continuous movement *1, 2 • Spindle motor continuous kick 	<ul style="list-style-type: none"> • APC circuit check • Laser current electricity measurement • Focus search waveform check • Focus error waveform check (DRF is ignored during search mode.)
3	Play Mode	PLAY button	Normal	<ul style="list-style-type: none"> • Normal playback • If TOC READ is unavailable, focus search is continued. 	<ul style="list-style-type: none"> • Each servo circuit check • DRF check • RF waveform check (1.5 Vp-p Approx.)
4	Traverse Mode	PAUSE button	Normal	<ul style="list-style-type: none"> • Tracking servo OFF/ON OFF and ON is repeated by every press of the PAUSE button. 	<ul style="list-style-type: none"> • Tracking balance check
5	Sled mode	FF button	TEST	<ul style="list-style-type: none"> • PU moves to the innermost position. *3 At the same time, lens is kicked toward inner position. 	<ul style="list-style-type: none"> • Sled circuit check • Tracking circuit check • Mechanism movement check • PU check
		RWD button	TEST	<ul style="list-style-type: none"> • PU moves to the outermost position. *3 At the same time, lens is kicked toward outer position. 	
6	Spindle mode	● REC/ REC MUTE button	All lit.	<ul style="list-style-type: none"> • When the button is pressed at the first time, spindle motor rotates forward (at rough speed). At the second press, rotation is reversed. At the third press, rotation stops. 	<ul style="list-style-type: none"> • Spindle circuit check • Spindle motor check

* 1 When Focus Search operates continuously more than 10 minutes, the protection circuit is activated due to heat generation of the driver IC. In this case, turn off the power, wait for approximately 10 minutes so that heat is released, and then restart.

* 2 When the Focus Search fails three times, the gain is switched for CD-RW at the fourth time.

* 3 Be careful not to damage the gear because the sled motor rotates while the FF or RWD button is being pressed even if the pickup is located in the innermost track or the outermost track.

GRID ASSIGNMENT



(1G - 4G) (5G, 7G, 9G) (6G, 8G, 10G) (11G)

LCD DISPLAY -2/2 <HUA-11MM42T>

ANODE CONNECTION

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G
P1	REC		FROM	SI	SI	SI	SI	SI	SI	SI	SI
P2		col1	EDIT	S9	S9	S9	S9	S9	S9	S9	S9
P3		col2	RANDOM	—	S17	S17	S17	S17	S17	S17	S17
P4	—	col3	—	—	S25	S25	S25	S25	S25	S25	S25
P5	2a	△	2a	2a	S2	S2	S2	S2	S2	S2	S2
P6	2h	△	2h	2h	S10	S10	S10	S10	S10	S10	S10
P7	2j	MONO	2j	—	S18	S18	S18	S18	S18	S18	S18
P8	2k	€	2k	—	S26	S26	S26	S26	S26	S26	S26
P9	2b	z	2b	S3	—	—	S3	—	S3	—	S3
P10	2f	z	2f	S11	—	—	S11	—	S11	—	S11
P11	2m	TAPE1	2m	—	S19	S19	S19	S19	S19	S19	S19
P12	2g	TAPE2	2g	—	S27	S27	S27	S27	S27	S27	S27
P13	2c	RDS	2c	S4	—	—	S4	—	S4	—	S4
P14	2e	EON	2e	S12	—	—	S12	—	S12	—	S12
P15	2r		2r	—	S20	S20	S20	S20	S20	S20	S20
P16	2p	AG	2p	—	S28	S28	S28	S28	S28	S28	S28
P17	2n	MHz	2n	S5	—	—	S5	—	S5	—	S5
P18	2d	MHz	2d	S13	—	—	S13	—	S13	—	S13
P19	1a	1a	1a	—	S21	S21	S21	S21	S21	S21	S21
P20	1h	1h	1h	—	S29	S29	S29	S29	S29	S29	S29
P21	1j	1j	1j	S6	—	—	S6	—	S6	—	S6
P22	1k	1k	1k	S14	—	—	S14	—	S14	—	S14
P23	1b	1b	1b	—	S22	S22	S22	S22	S22	S22	S22
P24	1f	1f	1f	—	S30	S30	S30	S30	S30	S30	S30
P25	1m	1m	1m	S7	—	—	S7	—	S7	—	S7
P26	1g	1g	1g	S15	—	—	S15	—	S15	—	S15
P27	1c	1c	1c	—	S23	S23	S23	S23	S23	S23	S23
P28	1e	1e	1e	—	S31	S31	S31	S31	S31	S31	S31
P29	1r	1r	1r	S8	—	—	S8	—	S8	—	S8
P30	1p	1p	1p	S16	—	—	S16	—	S16	—	S16
P31	1n	1n	1n	—	S24	S24	S24	S24	S24	S24	S24
P32	1d	1d	1d	—	S32	S32	S32	S32	S32	S32	S32

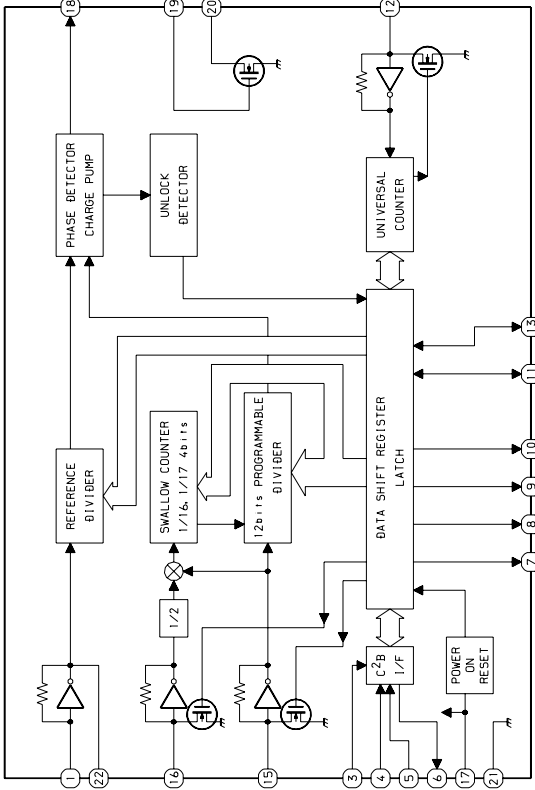
PIN CONNECTION

PIN NO.	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20
CONNECTION	F2	F2	NP	NP	F32	P31	P30	P29	P28	P27	P26	P25	P24	P23	P22	P21	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3

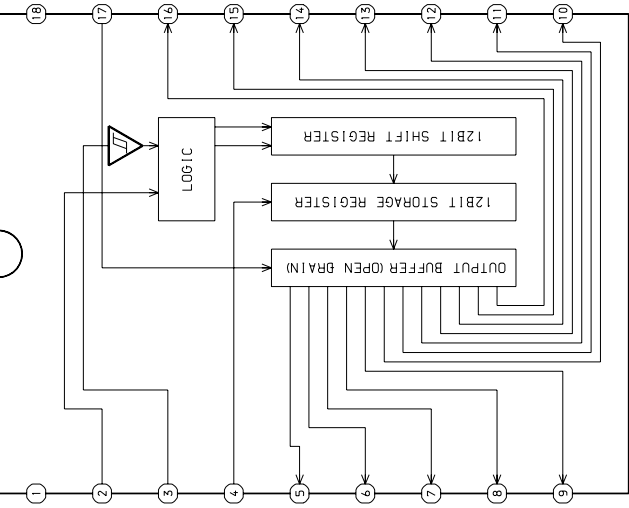
19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																	
P2	P1	NC	NC	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	NP	NP	NP	F1	F1																

IC BLOCK DIAGRAM -1/1

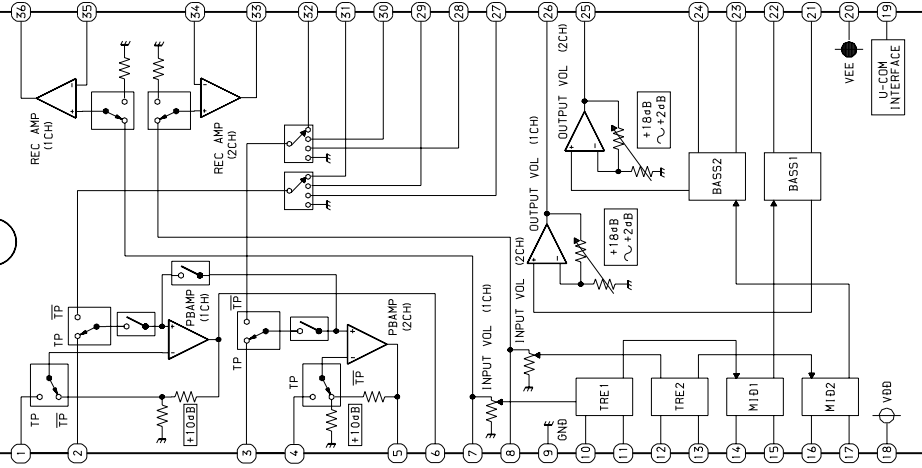
IC, LC72131D-N



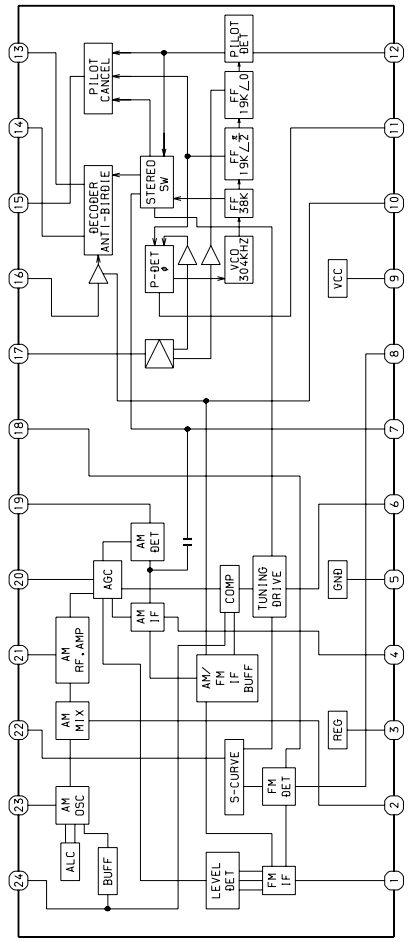
IC, BU2092F



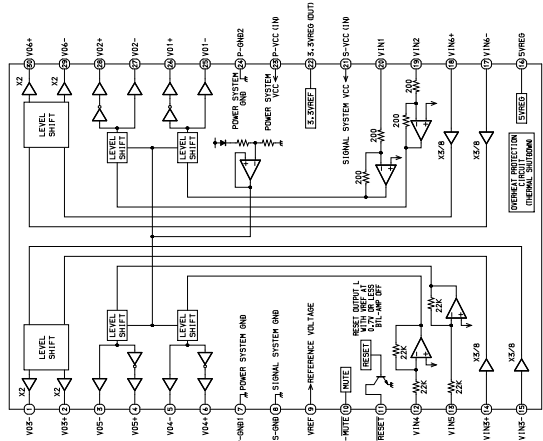
IC, M61518FP



IC, LA1845N-A



IC, LA6568



IC DESCRIPTION -1/2 (μ PD780226GF-034-3BA) -1/2

Pin No.	Pin Name	I/O	Description
1	$\overline{\text{O-MOTOR}}$	O	DECK MOTOR output.
2	$\overline{\text{O-SOL1}}$	O	DECK SOL1 output.
3	$\overline{\text{O-SOL2}}$	O	DECK SOL2 output.
4	O-LED_STB	O	STB output for shift register.
5	O-MUTE	O	MUTE output.
6	$\overline{\text{O-KSCAN}}$	O	Initial scan output.
7	O-PLL_CE	O	TUNER chip enable output.
8	I-TM_BASE	I	Reference clock input for clock. (8Hz)
9	I-FUNC_A	I	Rotary encoder input function A.
10	I-FUNC_B	I	Rotary encoder input function B.
11	$\overline{\text{I-CAM2}}$	I	DECK CAM2 input.
12	$\overline{\text{I-CAM1}}$	I	DECK CAM1 input.
13	$\overline{\text{I-AUTO2}}$	I	DECK AUTO2 input.
14	$\overline{\text{I-AUTO1}}$	I	DECK AUTO1 input.
15	$\overline{\text{I-CST2}}$	I	DECK CST2 input.
16	$\overline{\text{I-CST1}}$	I	DECK CST1 input.
17	IC	–	Connected to GND.
18	VSS0	–	GND for port part.
19	VDD0	–	Power supply for port part.
20	O-POWER	O	Power control output.
21	I-JOG_A	I	Rotary encoder input A.
22	I-JOG_B	I	Rotary encoder input B.
23	I-VOL_A	I	Rotary encoder input volume A.
24	I-VOL_B	I	Rotary encoder input volume B.
25	I-SUBQ	I	CD SUBQ input.
26	I-WRQ	I	CD WRQ input.
27	I-DRF	I	CD DRF input.
28	I-RDS_CLK	I	Clock input for RDS. (Connected to GND through a resistor)
29	I-RDS_DATA	I	Input TUNER RDS DATA. (Connected to GND through a resistor)
30	$\overline{\text{RESET}}$	–	System RESET input
31	O-DSC/O-DATA	I/O	Function IC control / DATA output.
32	O-CLK_SFT	O	Clock shift output.
33	I-IFC	I	TUNER IF count serial data input.
34	$\overline{\text{I-RMC}}$	I	System remote control signal input.
35	I-DISH	I	CD turntable photo sensor.
36	$\overline{\text{I-STEREO}}$	I	Tuner stereo input.
37	VDD1	–	Power supply.
38	X2	O	Main system clock output 2. (4.19 MHz)
39	X1	I	Main system clock output 1. (4.19 MHz)
40	VSS1	–	GND.
41	AVDD	–	Voltage for A/D converter.
42	$\overline{\text{I-HOLD}}$	I	Input for HOLD.

IC DESCRIPTION -1/2 (μPD780226GF-034-3BA) -2/2

Pin No.	Pin Name	I/O	Description
43	I-CDSW	I	CD mechanism SW input.
44	I-SPEANA_1	I	Input spectrum analyzer DATA (Low Frequency).
45	I-SPEANA_2	I	Input spectrum analyzer DATA (Middle Frequency).
46	I-SPEANA_3	I	Input spectrum analyzer DATA (High Frequency).
47	I-KEY1	I	Key input 1.
48	I-KEY2	I	Key input 2.
49	I-TU_SIG/(I-MIC)	I	Signal LEVEL A/D input for RDS / MIC Input for auto vocal fader. (Connected to GND through a resistor)
50	AVSS	–	GND for A/D converter.
51	O-BIAS	O	DECK BIAS output.
52	O-CD_CE	O	CD chip enable output.
53	O-CD_CLK	O	CD CLK output.
54	O-CD_DATA	O	CD DATA output.
55	O-CLK	O	CLOCK output.
56 ~ 62	P32 ~ P26	O	FL segment P32 ~ P26 output.
63	P25/I-REB	I/O	FL segment P25 output / DECK REB SW input.
64	P24/I-REA	I/O	FL segment P24 output / DECK REA SW input.
65	P23/I-CAM2	I/O	FL segment P23 output / DECK CAM2 input (Not used).
66	P22/I-CAM1	I/O	FL segment P22 output / DECK CAM1 input (Not used).
67 ~ 70	P21 ~ P18	O	FL segment P21 ~ P18 output.
71	P17/AM10K	I/O	FL segment P17 output / AM10K diode input (Not used).
72	P16/AMST	I/O	FL segment P16 output / AMST diode input (Not used).
73	P15/LW	I/O	FL segment P15 output / LW diode input (Not used).
74	P14/SW	I/O	FL segment P14 output / SW diode input (Not used).
75	P13/OIRT	I/O	FL segment P13 output / OIRT diode input (Not used).
76	P12/RDS	I/O	FL segment P12 output / DECK RDS diode input (Not used).
77	P11/R+1	I/O	FL segment P11 output / DECK R+1 diode input.
78	P10/MPX	I/O	FL segment P10 output / MPX initial diode input (Not used).
79	VDD2	–	Voltage supply for FIP controller.
80	VLOAD	–	Negative voltage supply for FIP controller.
81	P9/ECO-OFF	I/O	FL segment P9 output / ECO MODE initial OFF diode input (Not used).
82	P8/KARAOKE	I/O	FL segment P8 output / KARAOKE initial diode input.
83	P7/DEMO	I/O	FL segment P7 output / DEMO diode input (Not used).
84 ~ 89	P6 ~ P1	O	FL segment P6 ~ P1 output.
90 ~ 100	G1 ~ G11	O	FL grid G1 ~ G11 output.

IC DESCRIPTION -2/2 (LC78646E)-1/3

Pin No.	Pin Name	I/O	Description	
1	SLCO	O	Slice level control	Control output.
2	SLCIST	I		SLCO output current adjustment resistor connection pin.
3	EFMIN	I		RF signal input pin.
4	RF	O	RF monitor pin.	
5	RFVDD	–	RF power supply pin.	
6	RFVSS	–	RF ground pin. Must be connected to 0V.	
7	FIN1	I	A+C signal input pin.	
8	FIN2	I	B+D signal input pin.	
9	TIN1	I	E signal input pin.	
10	TIN2	I	F signal input pin.	
11	VREF	O	VREF voltage output pin.	
12	REFI	I	Reference voltage output setting pin.	
13	FE	O	FE signal monitor pin.	
14	TEC	O	TE signal LPF capacitor connection pin.	
15	TE	O	TE signal monitor pin.	
16	RFMON	O	RF internal signal monitor pin.	
17	JITTC	O	Jitter detection capacitor connection pin.	
18	ADAVDD	–	Servo A/D, D/A supply pin.	
19	ADAVSS	–	Servo A/D, D/A ground pin. Must be connected to 0V.	
20	TDO	O	Tracking control output pin. D/A output.	
21	FDO	O	Focus control output pin. D/A output.	
22	SPDO	O	Spindle control output pin. D/A output.	
23	SLDO	O	Thread control output pin. D/A output.	
24	GPDAC	O	Servo D/A general-purpose output pin. (Not connected)	
25, 26	CONT4, 5	I/O	General-purpose input/output pin 4, 5.	Controlled by commands from the microprocessor. Any of these that are unused must be either set up as input pin ports and connected to 0V, or set up as output pin ports and left open.
27	SBCK/CONT6	I/O	General-purpose input/output pin 6, or subcode read clock input pin.	
28	SBCK/FG	I	Subcode read clock input pin/FG signal input pin/external emphasis setting pin. Set to command -pin function. Must be connected to 0V.	
29	DEFECT	O	Defect pin. (Not connected)	
30	V/P	O	Rouge servo/phase control automatic switching monitor output pin. “H” for rough servo and “L” for phase servo. (Not connected)	
31	FSEQ	O	Synchronization signal detection output pin. Outputs a high level when the synchronization signal detected from the EFM signal and the internally generated synchronization signal agree. (Not connected)	
32-36	MONI1-5	O	Internal signal monitor pin 1-5. (Not connected)	
37	VSS	–	Digital ground pin. Must be connected to 0V.	
38	VDD	–	Digital power supply pin.	
39	DOUT	O	Digital OUT output pin. (Not connected)	
40	TEST	I	Test input pin. Must be connected to 0V.	

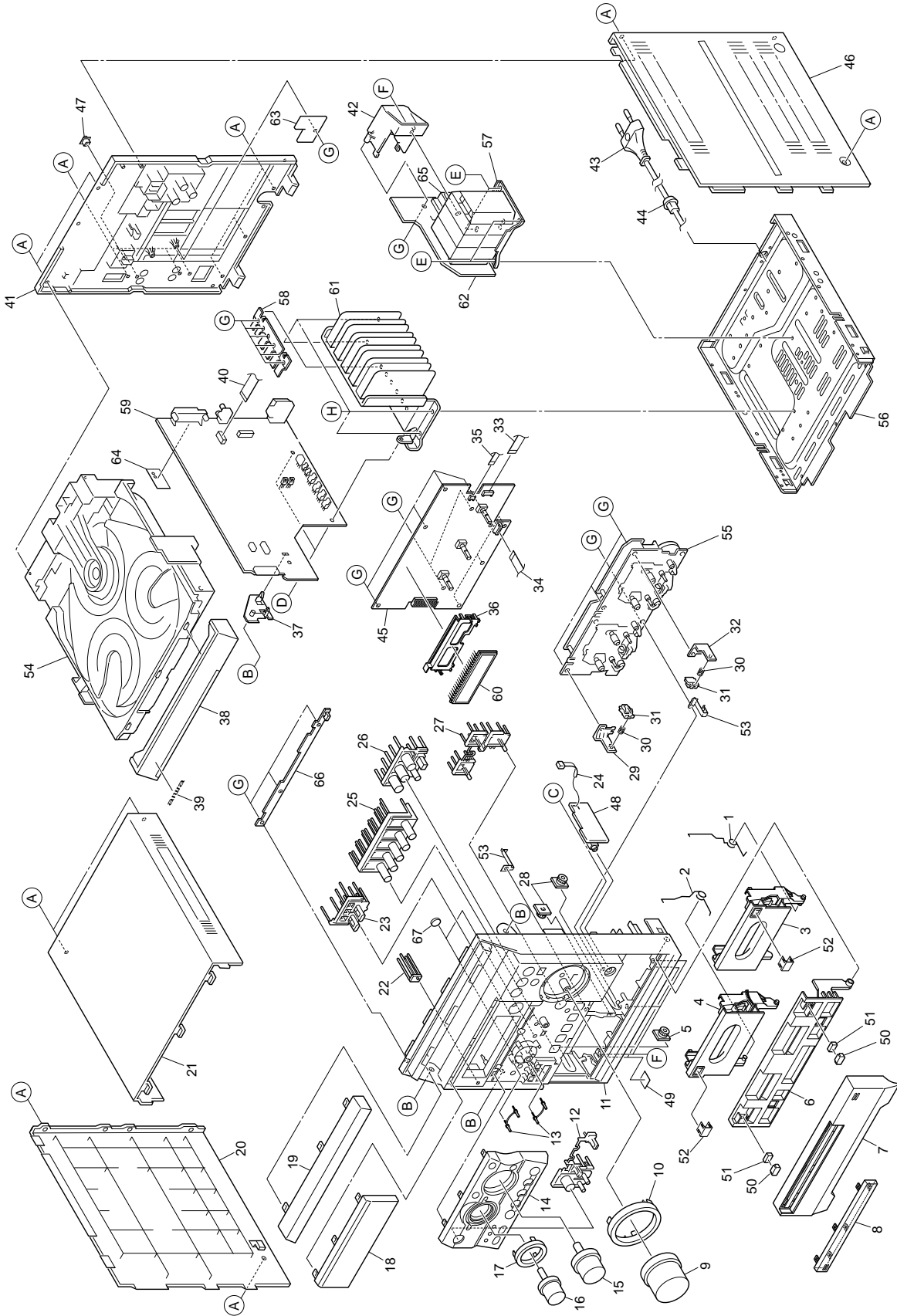
IC DESCRIPTION -2/2 (LC78646E)-2/3

Pin No.	Pin Name	I/O	Description	
41	LVDD	–	L channel D/A converter	Lchannel power supply pin.
42	LCHO	O		L channel output pin.
43	LVSS	–		L channel ground pin. Must be connected to 0V.
44	RVSS	–	R channel D/A converter	R channel ground pin. Must be connected to 0V.
45	RCHO	O		R channel output pin.
46	RVDD	–		R channel power supply pin.
47	XVDD	–	Crystal oscillator	Crystal oscillator power supply pin.
48	XOUT	O		Connection for a 16.9344MHz crystal oscillator pin.
49	XIN	I		
50	FSX/16MIN	I/O	7.35kHz synchronization signal output pin. DF, DAC external clock input pin. (Not connected)	
51	XVSS	–	Crystal oscillator	Crystal oscillator ground pin. Must be connected to 0V.
52	C2F	O	C2 flag output pin. (Not connected)	
53	EFLG	O	C1, C2 error correction monitor pin. (Not connected)	
54	16MOUT	O	16.9344MHz output pin. (Not connected)	
55	ASLRCK	I	Antishock mode	L/R clock input pin. Must be connected to 0V when unused.
56	ASDACK	I		Bit clock input pin. Must be connected to 0V when unused.
57	ASDFIN	I		L/R channel data input pin. Must be connected to 0V when unused.
58	LRSY	O	Digital data output	L/R clock output pin. (Not connected)
59	DATAACK	O		Bit clock output pin. (Not connected)
60	DATA	O		L/R channel data output pin. (Not connected)
61	CE	I	Microprocessor interface	Chip enable signal input pin.
62	CL	I		Data transfer clock input pin.
63	DI	I		Data input pin.
64	DO	O		Data output pin. (Nch open drain output)
65	WRQ	O		Interruption signal output pin.
66	RES	I	Reset input pin. This pin must be set low briefly after power is first applied.	
67	DRF	O	Focus ON detect pin.	
68	VDD5	–	Microprocessor interface power supply pin.	
69	VSS	–	Digital ground pin. Must be connected to 0V.	
70	CONT3	I/O	General-purpose output pin 3. (Not connected)	Controlled by commands from the microprocessor . Must be set as an input pin and connected to 0V or set as an output pin and left open when unused.
71, 72	CONT2, 1	I/O	General-purpose output pin 2, 1.	

IC DESCRIPTION -2/2 (LC78646E)-3/3

Pin No.	Pin Name	I/O	Description	
73, 74	PD01, 2	O	PLL	Phase comparison output pin 1, 2 to control built-in VCO.
75	VVSS	-		Built -in VCO GND pin. Must always be connected to 0V.
76	PCKIST	I		Resistor connection pin to set current for PD01 and 02 outputs.
77	VVDD	-		Built-in VCO power supply pin.
78	FR	I		Resistor connection pin to set the frequency range of built-in VCO.
79	LDS	I	Laser power detection signal input pin.	
80	LDD	O	Laser power control signal output pin.	

MECHANICAL EXPLODED VIEW -1/1



MECHANICAL PARTS LIST -1/1

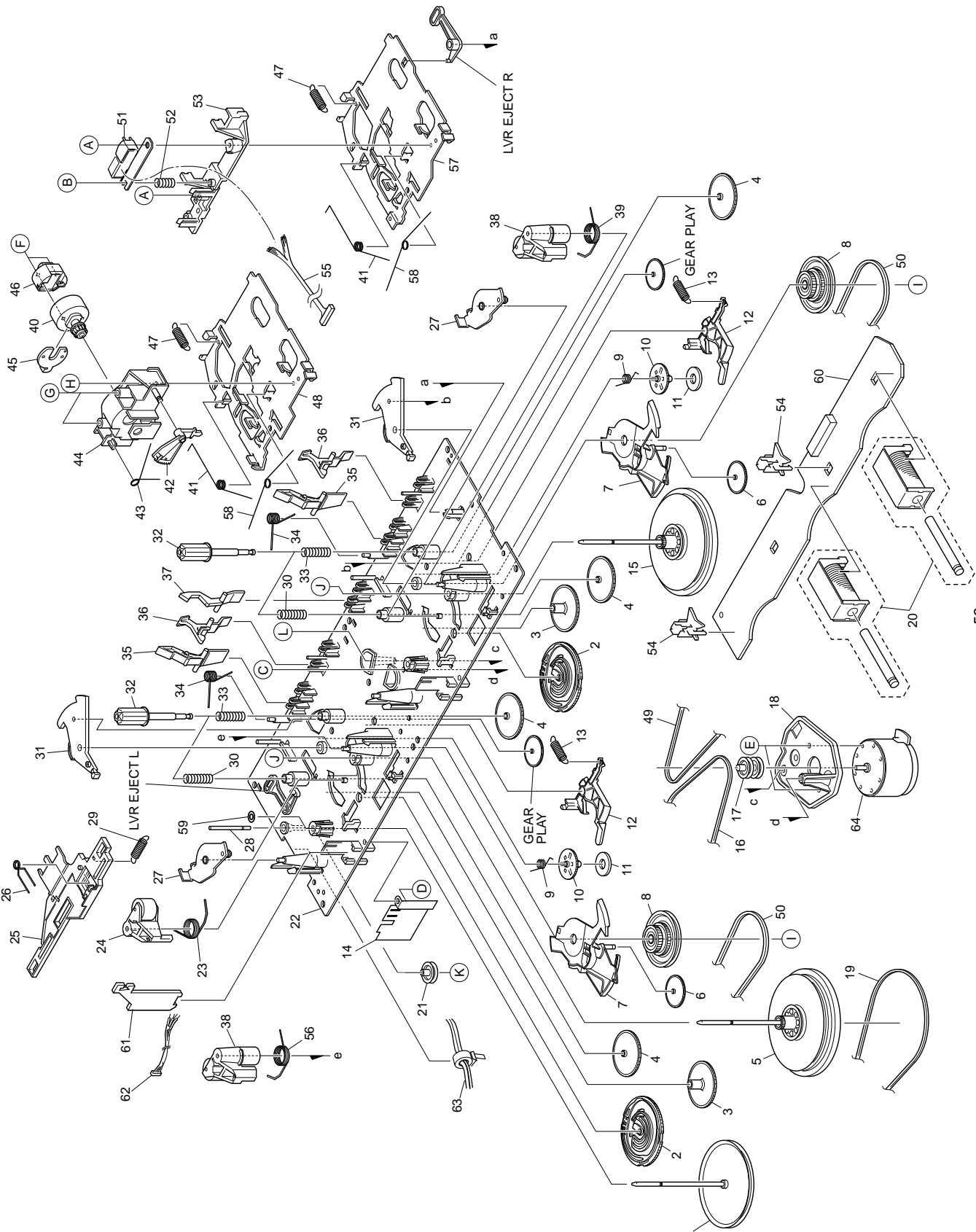
! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.
 However, please note that not all components will be available as spare parts for after-sales service.
 Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72 VSM1
	O	MC1001	8A-NF8-282-010	SPR-T, EJECT 2	a
	O	MC1002	8A-NF8-281-010	SPR-T, EJECT 1	a
	O	MC1003	8B-NF1-003-110	BOX, CASS 2	a
	O	MC1004	8B-NF1-002-110	BOX, CASS 1	a
	O	MC1005	8Z-NF6-210-010	DMPR, 150 N	a
	O	MC1006	8B-NF1-008-010	BOX, DOOR	a
	O	MC1007	8C-NF5-003-010	PANEL, DOOR R1	a
	O	MC1008	8B-NF1-010-010	WINDOW, CASS	a
	O	MC1009	8B-NF1-021-110	KNOB, RTRY VOL	a
	O	MC1010	8B-NF1-023-010	PANEL, VOL	a
	O	MC1011	8B-NF1-001-310	CABI, FR EZ	a
	O	MC1012	8B-NF1-015-110	KEY, POWER	a
	O	MC1013	8B-NF1-028-010	REFLECTOR, FUN	a
	O	MC1014	8C-NF5-009-010	PANEL, FR V	a
	O	MC1015	8B-NF1-022-110	KNOB, RTRY JOG	a
	O	MC1016	8C-NF5-030-010	KNOB, RTRY FUN M	a
	O	MC1017	8B-NF1-025-010	WINDOW, FUN	a
	O	MC1018	8C-NF6-031-010	WINDOW, DISP V NR72	a
	O	MC1019	8B-NF1-014-010	WINDOW, CD	a
	O	MC1020	8B-NF1-005-010	PANEL, LEFT	a
					CX-SNR72 VSM1
	O	MC1021	8B-NF1-007-010	PANEL, TOP	a
	O	MC1022	8B-NF1-027-010	REFLECTOR, ECO	a
	O	MC1023	8C-NF5-010-010	KEY, REC EZ	a
	O	MC1024	87-069-033-010	CABLE, TIE	a
	O	MC1025	8C-NF5-006-010	KEY, OPE LH	a
	O	MC1026	8B-NF1-016-010	KEY, CD	a
	O	MC1027	8B-NF1-017-110	KEY, ENTER	a
	O	MC1028	8A-NF8-209-010	OIL-DMPR, 120	a
	O	MC1029	87-NF4-216-010	HLDR, LOCK 1	a
	O	MC1030	86-NF9-224-010	SPR-C, LOCK	a
	O	MC1031	82-NF5-229-010	PLATE, LOCK(*)	a
	O	MC1032	87-NF4-217-110	HLDR, LOCK 2	a
	O	MC1033	88-908-301-110	FF-CABLE, 8P 1.25 300MM	a
	O	MC1034	88-911-101-110	FF-CABLE, 11P 1.25 100MM	a
	O	MC1035	88-904-201-110	FF-CABLE, 4P 1.25	a
	O	MC1036	8B-NF9-207-010	GUIDE, FL 90.2-20	a
	O	MC1037	8A-NF8-206-010	HLDR, PWB M	a
	O	MC1038	8B-NF1-013-010	PANEL, TRAY	a
	O	MC1039	87-CE3-023-010	BADGE, AIWA 30N SILV	a
	O	MC1040	88-906-251-110	FF-CABLE, 6P 1.25	a
					CX-SNR72 VSM1
	O	MC1041	8C-NF6-020-010	CABI, REAR VSM NR72	a
	O	MC1042	8B-NF1-203-010	HLDR, PWB PT	a
	!	MC1043	87-A80-157-210	AC CORD ASSY, E BLK CC	a
	O	MC1044	87-085-185-010	BUSHING, AC CORD (E) CM-22B	a
	X	MC1045	8C-NF5-621-010	PWB, FRONT CNF-5	a
	O	MC1046	8B-NF1-006-010	PANEL, RIGHT	a
	O	MC1047	84-ZG1-245-210	CAP, OPTICAL	a
	X	MC1048	8C-NF5-633-210	PWB, HP1 U/LH/HR/V	a
	X	MC1049	8B-NF9-204-010	CUSH, 11-8.5-2	a
	O	MC1050	8B-NF1-209-010	COVER, MAGNET	a
	O	MC1051	8B-NF1-206-010	MAGNET, BOX 11-6-4	a
	O	MC1052	8B-NF1-207-010	PLATE, BOX	a
	X	MC1053	87-NF4-218-010	PLATE, EARTH MECHA	a
	X	MC1054	M8-BZG-58A-070	BZG-5 ZD5GNDM1	a
	X	MC1055	M8-6ZM-39G-070	6ZM-3 PR4NM1	a
	X	MC1056	8C-NF5-206-010	CHAS, MAIN CM 66-70	a
	!	MC1057	8C-NF6-608-010	PT, CNF-6 EZ	a
	X	MC1058	8C-NF5-204-010	HLDR, TR 6	a
	X	MC1059	8C-NF5-631-210	PWB, MAIN U/LH/HR/V	a
	O	MC1060	8C-NF5-603-010	FL, HUA-11MM42T	a
					CX-SNR72 VSM1
	X	MC1061	8C-NF5-215-110	HT-SINK, MAINS (H)	a
	X	MC1062	8C-NF5-632-210	PWB, PT U/LH/HR/V	a
	X	MC1063	8C-NF5-636-210	PWB, HLDR WIRE1 U/LH/HR/V	a
	X	MC1064	8B-ZA3-619-010	SHLD-CASE, BZA-3 EZ	a
	!	MC1065	8B-MA6-675-010	PT, SUB BMA E (VRK)	a
	X	MC1066	8C-NF5-622-010	PWB, CD LED CNF-5	a
	O	MC1067	94-938-619-120	SPACER (DIA 6)	a
	O	MC1A	87-B10-091-010	UTT2+3-10 W/O SLOT BLK	a
	O	MC1B	87-721-096-410	QT2+3-10 W/O SLOT	a
	O	MC1C	88-AR1-217-010	S-SCREW, BFT2+3-8	a
	O	MC1D	87-NF4-224-010	S-SCREW, IT3B+3-8 CU	a
	O	MC1E	87-078-200-010	S-SCREW, ITC+4-8 R	a
	O	MC1F	87-067-579-010	BVT2+3-8 W/O SLOT	a
	O	MC1G	87-067-703-010	BVT2+3-10 W/O SLOT	a
	O	MC1H	87-B10-315-010	BVIT3B+3-8 R W/O	a

COLOR NAME TABLE -1/1

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



TAPE MECHANISM PARTS LIST -1/2 <6ZM-3 PR4NM1>

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					6ZM-3 PR4NM1
	O	ST1001	82-ZM1-234-310	FLY-WHL, L ASSY	a
	X	ST1001a	82-ZM1-348-110	FLY-WHL, L W	a
	X	ST1001b	82-ZM1-236-010	CAPSTAN, 2-41.5	a
	O	ST1002	82-ZM3-305-310	GEAR, CAM M2	a
	O	ST1003	82-ZM1-226-010	GEAR, REW	a
	O	ST1004	82-ZM1-216-510	GEAR, REEL	a
	O	ST1005	09-001-420-010	FLY-WHL, R ASSY	a
	X	ST1005a	82-ZM3-338-310	FLY-WHL, R3W	a
	X	ST1005b	82-ZM1-239-010	CAPSTAN, 2.2-41.7	a
	O	ST1006	82-ZM1-225-210	GEAR, FR	a
	O	ST1007	82-ZM3-306-110	LVR, FR M2	a
	O	ST1008	82-ZM3-333-310	SLIP DISK ASSY 2	a
	X	ST1008a	82-ZM3-332-310	PULLEY, FR 2	a
	X	ST1008b	82-ZM1-230-110	GEAR, TAKE UP	a
	X	ST1008c	82-ZM1-231-010	CLR, SLIP	a
	X	ST1008d	82-ZM1-232-010	FELT, DIA 8.4-13-1	a
	X	ST1008e	82-ZM1-233-110	SPR-C, SLIP	a
	O	ST1009	82-ZM1-322-010	SPR-T, FR 60	a
	O	ST1010	82-ZM1-220-210	GEAR, IDLER	a
	O	ST1011	82-ZM3-616-010	RING MAGNET 4	a
					6ZM-3 PR4NM1
	O	ST1012	82-ZM1-227-310	LVR, TRIG	a
	O	ST1013	82-ZM1-265-310	SPR-E, TRIG	a
	X	ST1014	85-ZM3-201-210	PLATE, SHLD M3	a
	O	ST1015	82-ZM1-237-610	FLY-WHL ASSY, R	a
	X	ST1015a	82-ZM1-349-110	FLY-WHL, R W	a
	X	ST1015b	82-ZM1-239-010	CAPSTAN, 2.2-41.7	a
	O	ST1016	86-ZM3-210-010	BELT, PS	a
	O	ST1017	82-ZM3-221-210	PULLEY, MOT 2M	a
	O	ST1018	86-ZM3-203-010	HLD, MOT S	a
	O	ST1019	86-ZM1-206-010	BELT, MAIN L	a
	O	ST1020	82-ZM3-627-010	SOL ASSY, 27 SO	a
	X	ST1020a	82-ZM3-629-010	HLD, BOBBIN SOL SO	a
	X	ST1020b	82-ZM3-630-010	YOKE, SOL SO	a
	X	ST1020c	82-ZM3-631-010	SHAFT, CORE SOL SO	a
	X	ST1020d	82-ZM3-632-010	SHAFT, PLUNGER SOL SO	a
	X	ST1020e	82-ZM3-633-010	TERMINAL, SOL SO	a
	O	ST1021	82-ZM3-335-310	PULLEY, COUPLER M3	a
	O	ST1022	86-ZM3-215-110	CHAS ASSY, RS	a
	X	ST1022a	82-ZM1-317-210	OILLESS-BRG 2.2RN	a
	X	ST1022b	82-ZM1-318-210	OILLESS-BRG 2LN	a
					6ZM-3 PR4NM1
	X	ST1022c	82-ZM3-302-610	OUT-SERT ASSY, M2	a
	X	ST1022d	82-ZM3-303-210	CHAS, M2	a
	O	ST1023	82-ZM1-258-210	SPR-T, PINCH L	a
	O	ST1024	82-ZM3-348-010	LEVER ASSY, PINCH YL	a
	X	ST1024a	82-ZM3-349-010	LEVER, PINCH YL	a
	X	ST1024b	82-ZM3-345-010	ROLLER ASSY, Y	a
	X	ST1024c	82-ZM3-346-010	CLR, ROLLER Y	a
	X	ST1024d	82-ZM3-347-010	ROLLER, RUBBER Y	a
	O	ST1025	82-ZM1-266-310	LVR, DIR	a
	O	ST1026	82-ZM1-214-010	SPR-T, DIR	a
	O	ST1027	82-ZM1-333-210	PLATE, LINK2	a
	O	ST1028	82-ZM3-339-110	SHAFT, COUPLER N3	a
	O	ST1029	82-ZM1-255-310	SPR-E, LVR DIR	a
	O	ST1030	82-ZM1-285-410	SPR-C, BT L	a
	O	ST1031	82-ZM1-222-310	LVR, PLAY	a
	O	ST1032	82-ZM1-217-410	REEL, TABLE	a
	O	ST1033	82-ZM1-244-510	SPR-C, BT	a
	O	ST1034	82-ZM1-257-010	SPR-T, CAS	a
	O	ST1035	82-ZM1-242-010	LVR, CAS	a
	O	ST1036	82-ZM1-243-010	LVR, STOP	a
					6ZM-3 PR4NM1
	O	ST1037	82-ZM1-240-110	LVR, REC	a
	O	ST1038	82-ZM3-343-010	LEVER ASSY, PINCH YR	a
	X	ST1038a	82-ZM3-344-010	LEVER, PINCH YR	a
	X	ST1038b	82-ZM3-345-010	ROLLER ASSY, Y	a
	X	ST1038c	82-ZM3-346-010	CLR, ROLLER Y	a
	X	ST1038e	82-ZM3-347-010	ROLLER, RUBBER Y	a
	O	ST1039	86-ZM3-204-010	SPR-T, PINCH S	a
	O	ST1040	82-ZM1-208-310	HLD, HEAD	a
	O	ST1041	82-ZM1-219-110	SPR-T, LINK	a
	O	ST1042	82-ZM1-210-110	GEAR, H T	a
	O	ST1043	82-ZM3-353-010	SPR-T, HEAD 2	a
	O	ST1044	82-ZM1-207-910	GUIDE, TAPE	a
	O	ST1045	82-ZM1-314-110	PLATE, HEAD	a
	O	ST1046	87-A92-196-010	HEAD, PH HADKH2604A FPC	a
	X	ST1046a	85-ZM3-602-010	PWB, FLEX A	a
	O	ST1047	82-ZM1-218-010	SPR-E, HB	a
	O	ST1048	82-ZM1-206-910	CHAS, HEAD	a
	O	ST1049	86-ZM3-214-110	BELT, SBU RR	a
	O	ST1050	82-ZM1-338-110	BELT, FR 4	a
	O	ST1051	87-A92-195-010	HEAD, RPH HASVH5507A	a

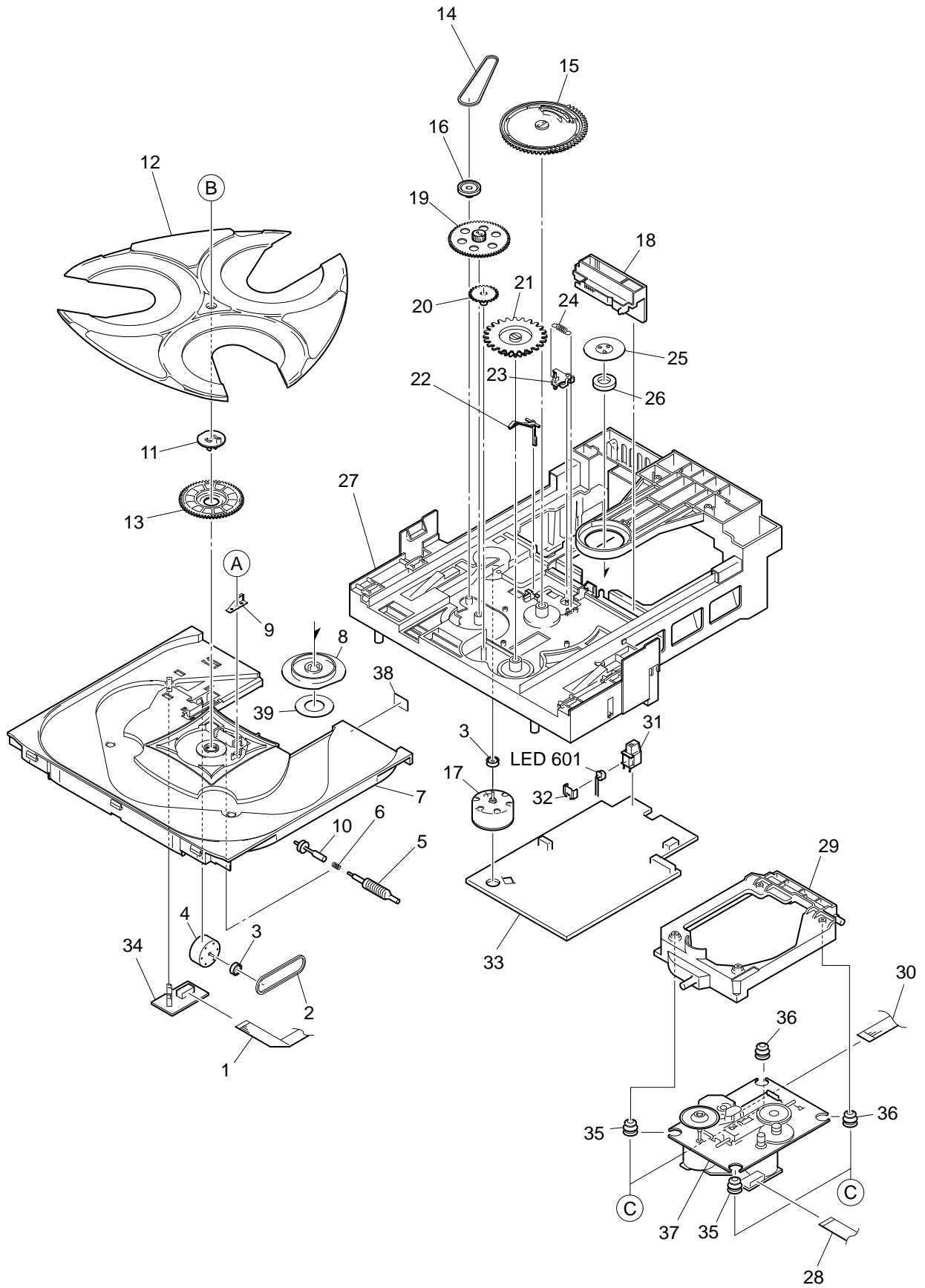
TAPE MECHANISM PARTS LIST -2/2 <6ZM-3 PR4NM1>

! = Δ SAFETY PARTS
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					6ZM-3 PR4NM
	O	ST1052	86-ZM3-222-010	SPR-C,RPH S2	a
	O	ST1053	86-ZM3-202-210	BASE,HEAD S	a
	O	ST1054	82-ZM3-351-010	HLDR, IC 2	a
	O	ST1055	86-ZM3-605-110	CONN ASSY, 8P -RPB	a
	O	ST1056	82-ZM1-259-310	SPR-T, PINCH R	a
	O	ST1057	86-ZM3-201-010	CHAS, HEAD S	a
	O	ST1058	82-ZM1-269-210	SPR-T, BRG	a
	O	ST1059	82-ZM1-288-010	SH, 1.63-3.2-0.5 SLT	a
	X	ST1060	86-ZM3-602-110	PWB, MAIN S	a
	X	ST1061	86-ZM3-603-110	PWB, HEAD S	a
	O	ST1062	85-MA2-615-010	CONN ASSY, 3P PH	a
	O	ST1063	87-069-033-010	CABLE, TIE	a
	O	ST1064	87-A92-321-010	MOT, SHU2L 60	a
	O	ST1A	86-ZM3-207-010	S-SCREW, RPH	a
	O	ST1B	86-ZM3-209-010	S-SCREW, AZIMUTH S	a
	O	ST1C	87-761-073-410	VFT2+2.6-6 W/O SLOT	a
	O	ST1D	82-ZM3-222-010	S-SCREW, SHILD PLATE	a
	O	ST1E	87-251-071-410	U+2.6-4	a
	O	ST1F	80-ZM6-207-010	V+1.6-7	a
	O	ST1G	86-ZM4-206-110	S-SCREW, AZIMUTH L	a
					6ZM-3 PR4NM
	O	ST1H	85-ZM3-202-010	S-SCREW, TG	a
	O	ST1I	82-ZM3-334-010	PW, 2.16-6-0.4	a
	O	ST1J	80-ZM6-243-010	SH 1.75-3.6-0.5 SLT	a
	O	ST1K	87-B10-043-010	W-P, 0.99-4-0.25 SLT	a
	O	ST1L	86-ZM3-213-010	S-SCREW, HLDR MOT S	a

CD MECHANISM EXPLODED VIEW -1/1 <BZG-5 ZD5GNDM1>



CD MECHANISM PARTS LIST -1/1 <BZG-5 ZD5GNDM1>

! = Δ SAFTY PARTS
 C = Components marked

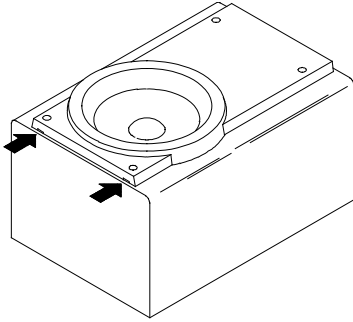
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					BZG-5 ZD5GNDM1
	O	SC1001	84-ZG1-672-010	F-CABLE, 5P 1.25 210MM WHITE N	a
	O	SC1002	84-ZG1-225-010	BELT, SQ1.0-63.3	a
	O	SC1003	84-ZG1-267-010	PULLEY, LOAD MO 8	a
	O	SC1004	87-045-364-010	MOT, BCH3B	a
	O	SC1005	84-ZG1-238-010	GEAR, WORM N	a
	O	SC1006	84-ZG1-248-010	SPR-C, WORM	a
	O	SC1007	8B-ZG9-001-010	TRAY, GRA	a
	O	SC1008	84-ZG1-291-210	HLDR, MAGNET 4 NAT	a
	O	SC1009	84-ZG1-259-010	SPR-P, WORM	a
	O	SC1010	84-ZG1-273-010	PULLEY, WORM 4	a
	O	SC1011	84-ZG1-288-010	LEVER, TT NAT	a
	O	SC1012	8B-ZG5-001-010	TURN TABLE, GRA	a
	O	SC1013	84-ZG1-269-010	GEAR, MAIN TT 4	a
	O	SC1014	84-ZG1-209-010	BELT, SQ1.8-117.7	a
	O	SC1015	84-ZG1-203-410	GEAR, MAIN CAM	a
	O	SC1016	84-ZG1-207-010	PULLEY, RELAY	a
	O	SC1017	87-045-305-010	MOT, RF-500TB	a
	O	SC1018	84-ZG1-204-310	SLIDER, MECHA CAM	a
	O	SC1019	84-ZG1-274-010	GEAR, RELAY 8	a
	O	SC1020	81-ZG1-291-110	GEAR, TRAY RELAY NO3	a
					BZG-5 ZD5GNDM1
	O	SC1021	84-ZG1-205-210	GEAR, TRAY (*)	a
	O	SC1022	83-ZG3-213-010	LVR, SW	a
	O	SC1023	84-ZG1-266-010	LEVER, CAN 8	a
	O	SC1024	84-ZG1-211-010	SPR-E, CAM S	a
	O	SC1025	81-ZG1-255-110	PLATE, MAGNET MK2	a
	O	SC1026	83-ZG3-604-010	RING, MAG 2	a
	O	SC1027	84-ZG1-286-010	CHAS, MECHA NAT	a
	O	SC1028	84-ZG1-630-010	CABLE FFC 6P-1.25	a
	O	SC1029	84-ZG1-299-310	HLDR, MECHA NO3	a
	O	SC1030	85-NFT-611-110	FF-CABLE 16P-1.0	a
	O	SC1031	84-ZG1-244-310	CABI, OPTICAL	a
	O	SC1032	84-ZG1-261-010	LID, OPTICAL	a
	X	SC1033	A8-CZA-199-070	CZA-1 ZD5NDM1	a
	X	SC1033a	8C-ZA1-602-110	PWB, MAIN CZA1M	a
	X	SC1034	84-ZG1-606-010	PWB, T-T	a
	O	SC1035	8A-ZG1-202-010	CUSHION, CD880	a
	O	SC1036	8A-ZG1-204-010	CUSHION, CD880BRN	a
	O	SC1037	M8-CZK-390-070	KSM-213RSCM	a
	X	SC1038	84-ZG1-242-010	CUSH-G 8-6-1	a
	O	SC1039	8A-ZG1-214-110	SH, 25-40-0.5 PC	a
					BZG-5 ZD5GNDM1
	O	SC1A	87-067-981-010	BVT2+3-6 BLK	a
	O	SC1B	87-B10-331-010	VF+3-6 BLK	a
	O	SC1C	8A-ZG1-201-010	S-SCREW, MECH 880	a

GENERAL SPEAKER DISASSEMBLY INSTRUCTIONS (FOR REFERENCE) -1/1

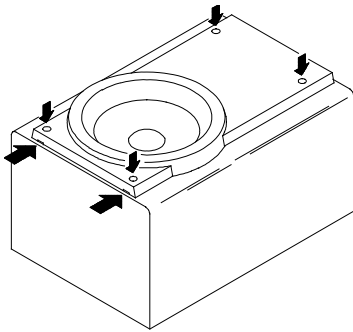
Type.1

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.



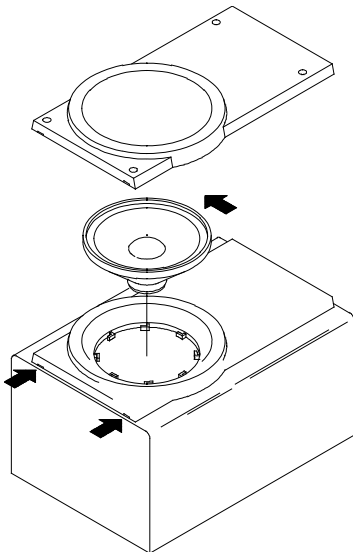
Type.2

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.

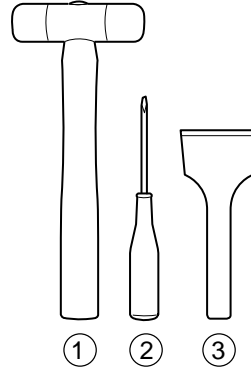


Type.3

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.

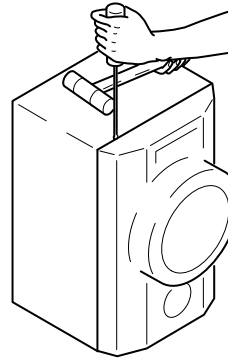


Fig-1

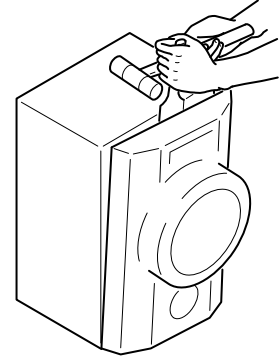


Fig-2

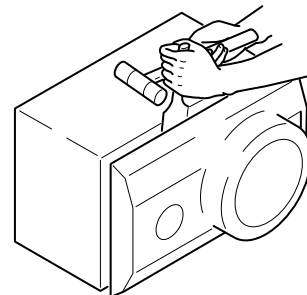


Fig-3

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 -1/1 <SX-NR70>

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					SX-SNR70
					YSIN
	O	SP1001	88-NSK-610-010	SPKR, CERAMIC ASSY	a
	O	SP1002	8A-NSJ-006-110	BADGE,AIWA S35	a
	X	SP1003	8B-NSA-003-010	PANEL,BA R	a
	X	SP1004	8B-NSA-004-010	PANEL,BA L	a
	O	SP1005	8B-NSH-612-110	CORD,SPKR	a
	O	SP1006	8B-NSK-604-010	SPKR, T 60	a
	O	SP1007	8C-NS6-001-110	PANEL,FR L	a
	O	SP1008	8C-NS6-002-110	PANEL,FR R	a
	O	SP1009	8C-NS6-003-010	PROTECTOR, W	a
	X	SP1010	8C-NS6-011-010	LBL,SPEC YS R	a
	X	SP1011	8C-NS6-012-010	LBL,SPEC YS L	a
	X	SP1012	8C-NS6-021-110	CABI,ASSY L M	a
	X	SP1013	8C-NS6-022-110	CABI,ASSY R M	a
	X	SP1014	8C-NS6-023-110	CABI,M	a
	O	SP1015	8C-NS7-602-010	SPKR, W 160 30/4	a
	X	SP1016	8Z-NS3-026-110	CORD,BUSH L	a
	X	SP1017	8C-NS6-851-010	CUSHION,ASSY TTT	a

OTHER PARTS LIST -1/3

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					CX-SNR72
					VSM1
	X		8B-NF1-213-010	SH, 12.5-17.5-0.07 W/ADH	a
	X		87-B40-098-010	BAG, PV 0.025-650-750 PL	a
	X		8C-NF5-854-110	CUSHION, FRONT M	a
	X		8C-NF5-855-110	CUSHION, REAR M	a
	X		93-704-337-010	SH, FOAMED-MAT 0.31-800-500	a
	X		87-B40-085-010	BAG, PV 0.04-200-350 PL	a
	X		87-B50-116-010	LIST, FACILITY EURO-0207	a
	X		8C-NF6-974-010	LBL, POP V	a
	X		87-B40-281-010	LBL, BAR-CODE A 35X8	a
	X		87-057-995-010	LBL, CAUTION EFSD	a
	X		87-057-961-010	LBL, CAUTION TRIANGLE	a
	X		8C-NF5-051-010	LBL, SELF NO	a
	X		8B-NF1-029-010	SH, FL	a
	X		87-B40-447-010	SH, 28-10-0.35 W/ADH	a
	X		8B-NF1-031-110	SH, CD	a
	X		8B-NF1-214-010	SH, FFC	a
	X		8B-NF1-032-010	SH, LED	a

OTHER PARTS LIST -2/3 <6ZM-3 PR4NM1>

- ! = Δ SAFTY PARTS
- C = Components marked

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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
	X		82-ZM3-987-010	BAG, PV 0.04-300-210	6ZM-3 PR4NM1 a

OTHER PARTS LIST -3/3 <BZG-5 ZD5GNDM1>

- ! = Δ SAFTY PARTS
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UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
	X		84-426-949-010	LBL, SERIAL NO	BZG-5 ZD5GNDM1 a



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