

RXD-G3/G4/G5/G31/G51

SERVICE MANUAL

(UD-305/315/405/505/515)

KENWOOD

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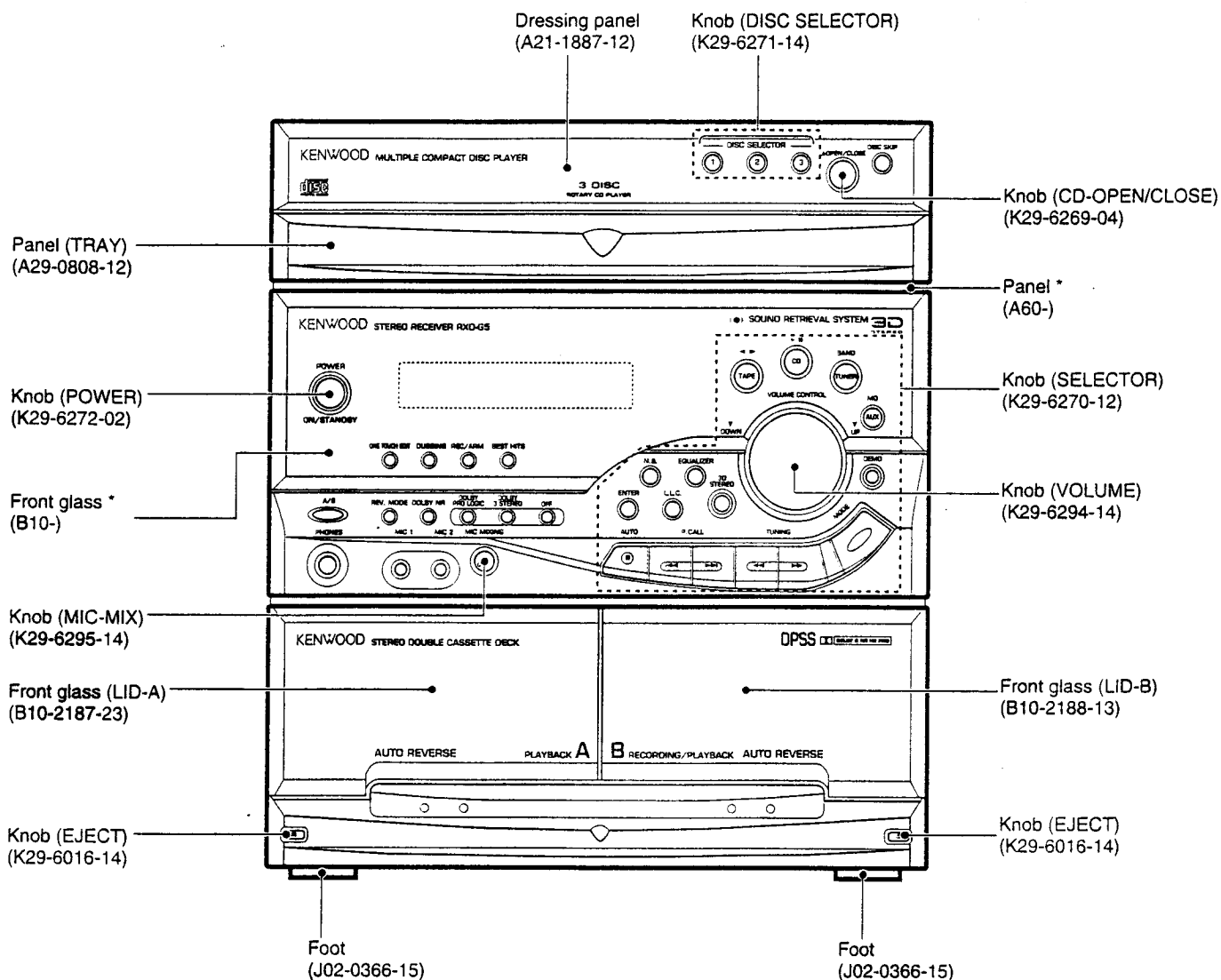


Illustration is RXD-G5.

* Refer to parts list on page 63.

RXD-G3/G4/G5/G31/G51

CONTENTS / ACCESSORIES

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Please see to the following service manual If you need to refer to the circuit description of ICs.

PCB No.	Ref. No.	IC Parts No.	Function	Service manual	
				Model Name	Page
X09	IC5	BU4094BCF	EXPANDER μ -COM	RXD-F3	P20,22
X28	IC6,7	BU4094BC	EXPANDER μ -COM	RXD-F3	P20,22
X32	IC6	BU4094BC	EXPANDER μ -COM	RXD-F3	P20,22
X14	IC2	NJU3718G			
X09	IC6	M65844P	EXPANDER μ -COM	RXD-F3	P21
			DIGITAL ECHO		P23
X28	IC3	HA12182F	DOLBY IC	RXD-F3	P25-27
X32	IC2	CXD2508AQ	CD DSP	RXD-F3	P28-P30

Accessories

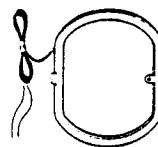
FM indoor antenna (1)
(T90-0801-05) : K,P,Y,M,I,C,X
(T90-0809-05) : T,E



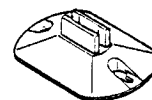
Speaker cord (2)
(E30-5255-05) : RXD-G3
(E30-5120-08) : RXD-G4
(E30-5156-08) : RXD-G5



AM loop antenna (1)
(T90-0820-05)



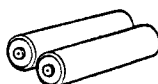
Loop antenna stand (1)
(J19-3645-05)



Remote control unit (1)
(A70-1053-05) : RXD-G3/G31
(A70-1054-05) : RXD-G4 : T,E
(A70-1063-05) : RXD-G4 : K,P,Y,M,C,X/G51
(A70-1055-05) : RXD-G5 : K,P,Y,M,C,X
(A70-1056-05) : RXD-G5 : T,E



Batteries (R6/AA) (2)
(-)



AC plug adaptor (1)
(E03-0115-05)



Insulators (8)
(J02-1155-04)
:RXD-G4/G5 K.P



* 1 Use to adapt the plug on the power cord to the shape of the wall outlet. (Accessory only for regions where use is necessary.)

* 2 For U.S.A. and Canada only, please attach to the speaker bottom.

System configuration

SYSTEM NAME	MAIN UNIT	SPEAKERS	OVER CARTON			SPACER
UD-305	RXD-G3	LS-G3	KP H60-0424-04	MX H60-0422-04		
UD-315	RXD-G31	LS-G3		M H60-0450-04	C H60-0451-04	
UD-405	RXD-G4	LS-G4	KP H60-0421-04	MX H60-0418-04	C H60-0419-04	
UD-505	RXD-G5	LS-G4	KP H60-0415-04	MX H60-0414-04	C H60-0413-04	KP H12-2294-04 H12-2295-04
UD-515	RXD-G51	LS-G5		M H60-0448-04	C H60-0449-04	

RXD-G3/G4/G5/G31/G51

EXTERNAL VIEW / CAUTIONS

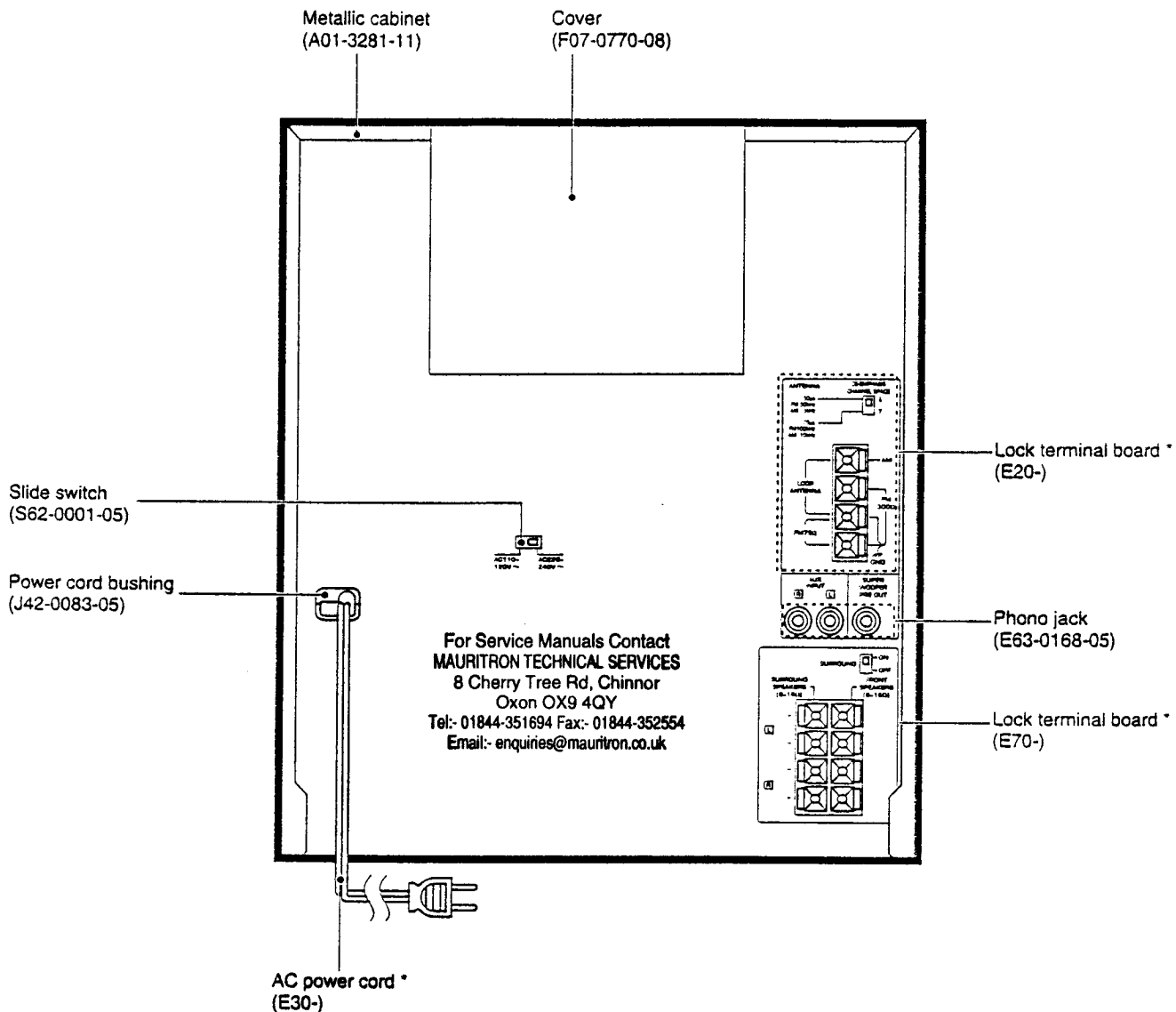


Illustration is RXD-G4.

* Refer to parts list on page 63.

Cautions

Beware of condensation

When water vapor comes into contact with the surface of cold material, water drops are produced. If condensation occurs, correct operation may not be possible, or the unit may not function correctly. This is not a malfunction, however, and the unit should be dried. (To do this, turn the POWER switch ON and leave the unit for several hours.)

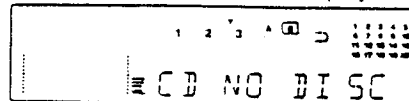
Be especially careful in the following conditions:

- When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
- When a heater starts operating.
- When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
- When there is a large difference between the internal temperature of the unit and the ambient temperature, or in conditions where condensation occurs easily.

Note related to transportation and movement (CD player)

Before transporting or moving this unit, carry out the following operations.

1. Turn the power ON but do not load a disc.
 • Press the CD(▶/II) key to check that no disc is present on the tray.
2. Wait a few seconds and verify that the display shown appears.



3. Turn the power OFF.

RXD-G3/G4/G5/G31/G51

EXTERNAL VIEW

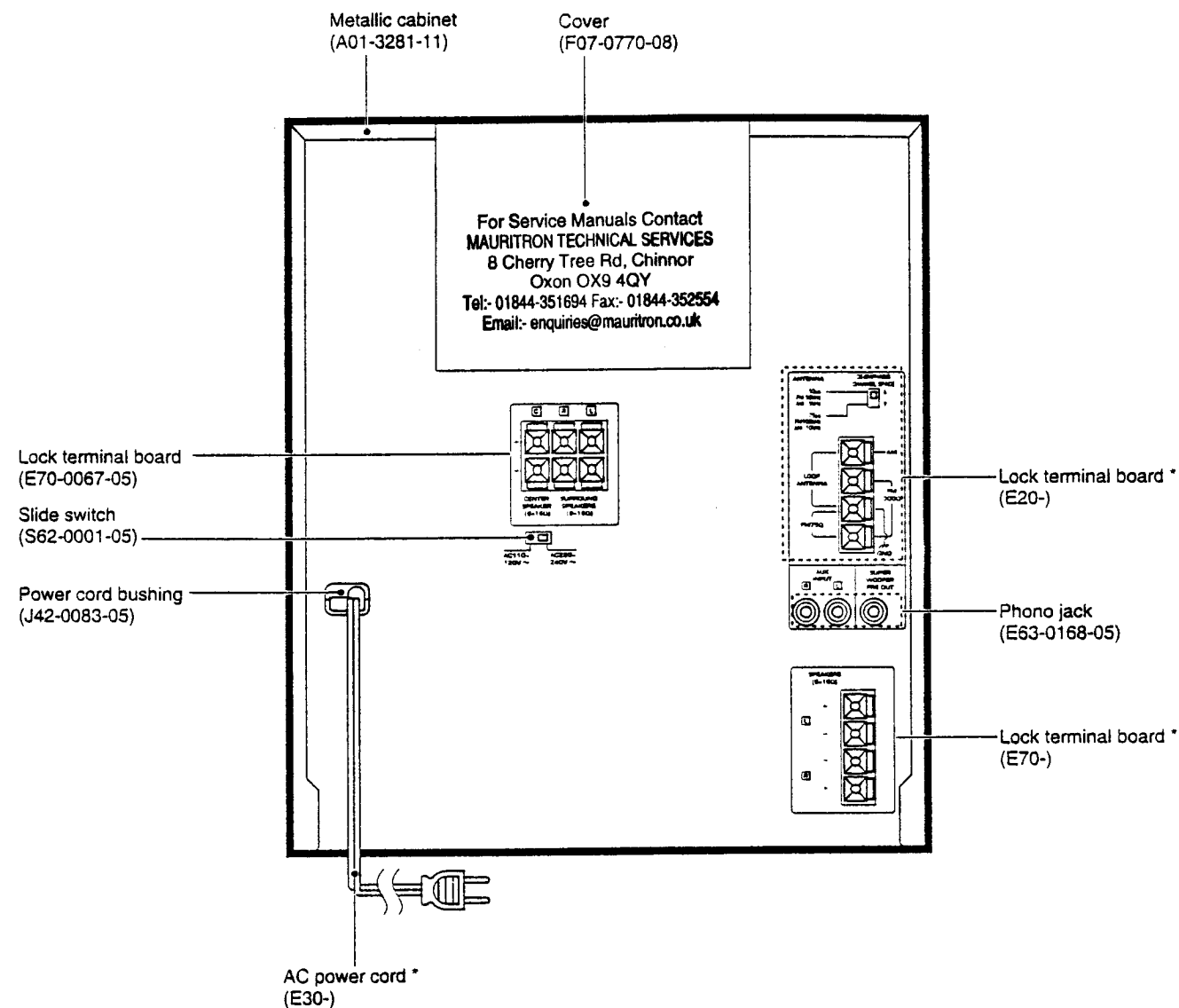
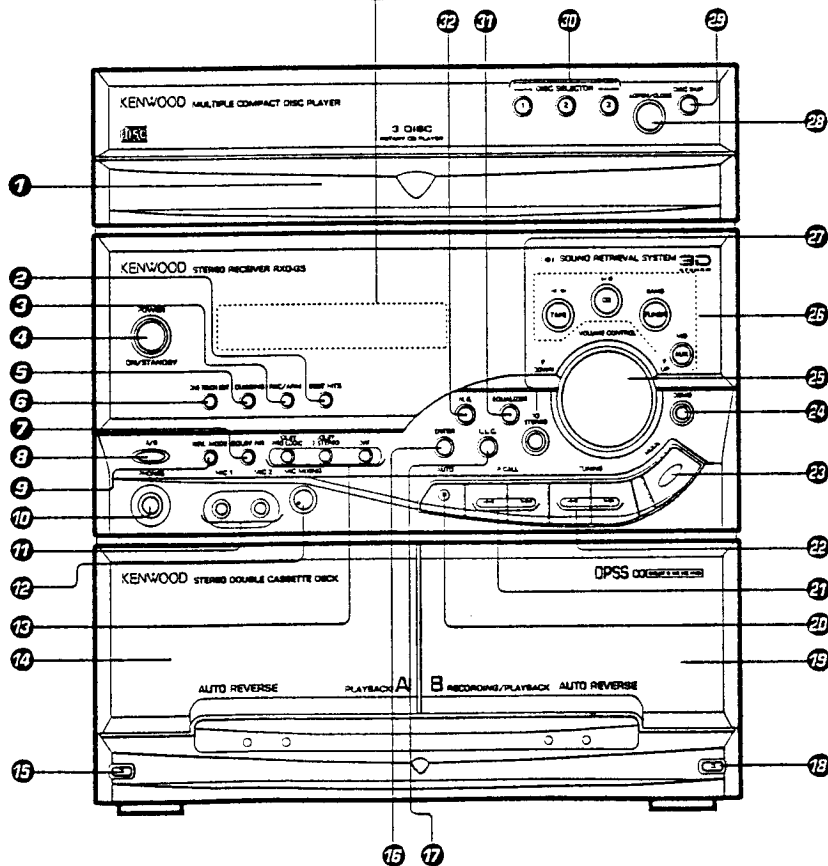
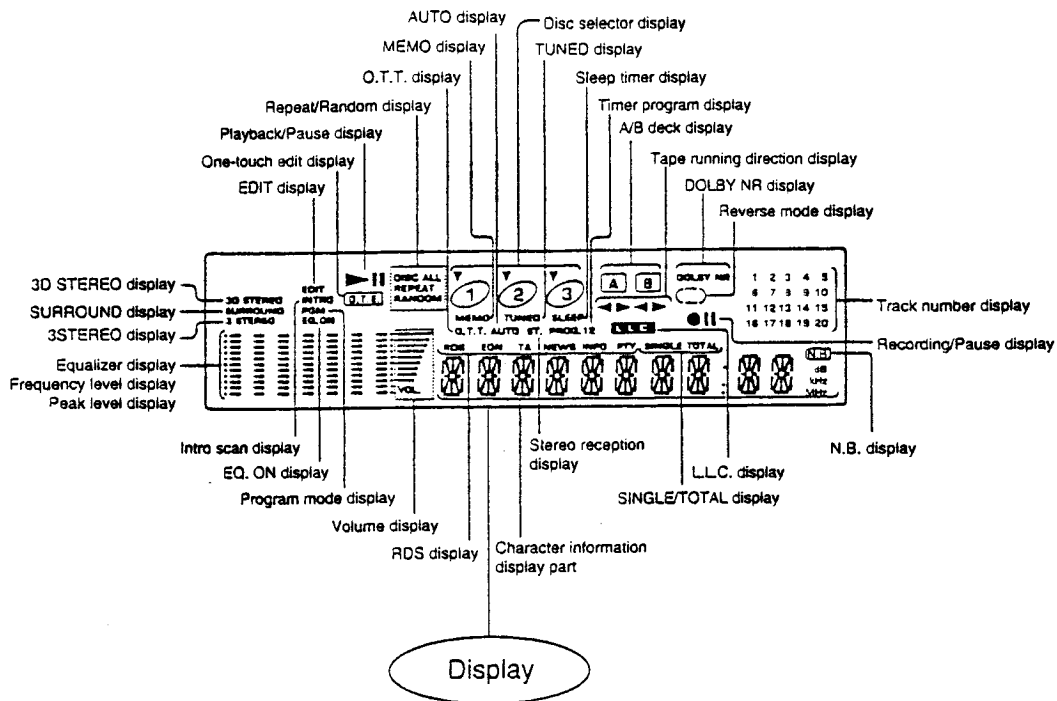


Illustration is RXD-G5.

* Refer to parts list on page 63.

RXD-G3/G4/G5/G31/G51

CONTROLS



RXD-G3/G4/G5/G31/G51

CONTROLS

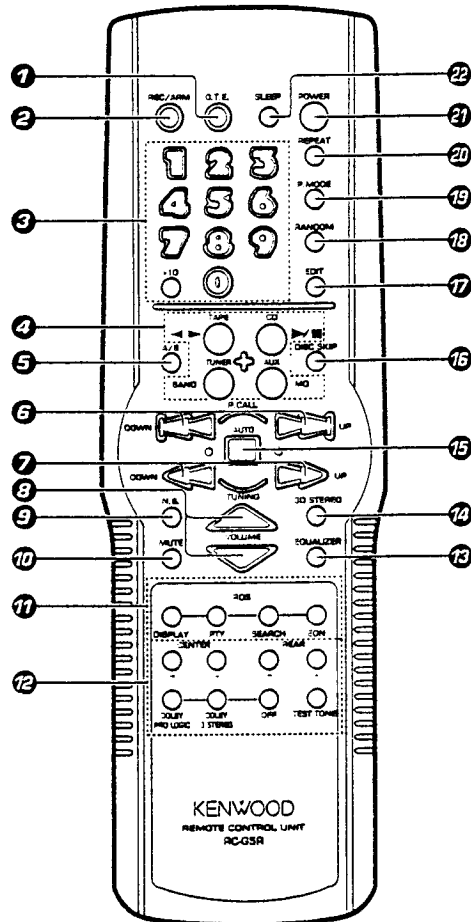
- ① Disc tray**
Three discs can be stored.
- ☆ **② BEST HITS key**
Recording of one title of each stored CD in sequence on tape.
- ③ REC./ARM key**
Recording is started. When this switch is pressed during recording, an unrecorded (blank) portion of about 4 sec is produced and then the tape stops.
- ④ POWER key**
Power ON/OFF switching is executed.
- ⑤ DUBBING key**
The contents of the tape of the A deck are copied to the tape of the B deck.
- ⑥ ONE TOUCH EDIT key**
When this key is pressed during CD playback, only the title being played at that time will be recorded on tape. When this key is pressed during stop, the CD selected at that time will be recorded on tape from the first title onward.
- ⑦ DOLBY NR key**
Dolby noise reduction ON/OFF switching is executed.
- ⑧ A/B key**
The deck to be operated is selected. At the time of power OFF, power save ON/OFF is switched.
- ⑨ REV. MODE key**
The reverse mode of the deck (both sides, repeated, one side) is switched.
- ⑩ PHONES terminal**
For connection of a headphone (optional).
- ⑪ MIC 1, MIC 2 terminal**
For connection of a microphone (optional).
- ⑫ MIC MIXING knob**
At the time of mic mixing, the balance between the voice signal from the microphone and the playback signal is adjusted.
- ☆ **⑬ Keys related to DOLBY SURROUND**
DOLBY PRO LOGIC key
DOLBY PRO LOGIC is selected.
DOLBY 3 STEREO key
DOLBY 3 STEREO is selected.
OFF key
DOLBY PRO LOGIC or DOLBY 3 STEREO is cancelled.
- ⑭ A deck cassette holder**
- ⑮ A deck eject (▲) key**
This is used to open the cassette holder at the time of cassette holder removal and insertion.
- ⑯ ENTER key**
Used for time setting, timer setting, etc.
- ⑰ L.L.C. (Low Level Control) key**
The level for quiet listening can be set in advance, and one-touch switching is possible.
- ⑱ B deck eject (▲) key**
- ⑲ B deck cassette holder**
- ⑳ AUTO (■) key**
 For CD, TAPE: Used as the STOP key.
 For TUNER: Used as AUTO key for tuning mode switching.
 At the time of power OFF: Used for time setting.
- ㉑ P.CALL (◀▶▶▶) key**
 For CD: Used as SKIP key.
 For TAPE: Used for skip title selection.
 For TUNER: Used as the P.CALL key for selection of preset stations.
- ㉒ TUNING (◀▶▶▶) key**
 For CD, TAPE: Used as fast forward and rapid reverse key.
 For TUNER: Used as TUNING key to tune in to stations.
- ㉓ MODE key**
This key switches the function of the VOLUME CONTROL knob. The items which can be selected differ according to the status at that time.
- ㉔ DEMO key**
Demonstration ON/OFF is switched.
- ㉕ VOLUME CONTROL knob**
Normally this is used for volume adjustment. Depending on the purpose, the function can be switched with the MODE key.
- ㉖ Input selector keys**
The input source is selected. When a key other than MD (AUX) is pressed while the power is OFF, the power is switched on automatically. When TAPE or CD has been selected and a tape or a disc has been set, playback will start automatically. When the ◀▶ (TAPE) key is pressed during tape playback, the tape running direction is reversed.
- ☆ **㉗ 3D STEREO key**
3D STEREO ON/OFF is switched.
- ㉘ OPEN/CLOSE (▲) key**
The disc tray is opened and closed.
- ㉙ DISC SKIP key**
The disc for playback (or recording) is selected. This is also used for insertion of a CD to the inside of the disc tray.
- ㉚ DISC SELECTOR key**
The disc for playback (or recording) is selected.
- ㉛ EQUALIZER key**
The equalizer effect is switched ON/OFF and the type of equalizer effect is selected.
- ㉜ N.B. key**
The low sounds are compensated at the time of listening at low volumes.

NOTE

Key-No.	②	⑲	⑬
MODEL			
RXD-G3	BEST HITS	ENHANCE	X
RXD-G4	BEST HITS	3D STEREO	X
RXD-G5	BEST HITS	3D STEREO	O
RXD-G31	DIGITAL ECHO	ENHANCE	X
RXD-G51	DIGITAL ECHO	3D STEREO	X

RXD-G3/G4/G5/G31/G51

REMOTE CONTROL UNIT



The keys on the remote control unit with the same name as on the main unit have the same function as the keys on the main unit

MODEL	Key-No.	Key-No.		
		⑪	⑫	⑭
RXD-G3,G31	RC-G3	X	X	ENHANCE
RXD-G4(T,E)	RC-G4R	O	X	3D STEREO
RXD-G4 (K,P,Y,M,C,X)	RC-G4	X	X	3D STEREO
RXD-G5(T,E)	RC-G5R	O	O	3D STEREO
RXD-G5 (K,P,Y,M,C,X)	RC-G5	X	O	3D STEREO

⑪ O.T.E. key

This key has the same function as the **ONE TOUCH EDIT** key on the main unit.

⑫ REC/ARM key

⑬ Numeric keys

Used as number keys when the input is switched to CD.

⑭ Input selector keys

⑮ A/B key

⑯ P.CALL (Preset Call) (◀▶) keys

⑰ TUNING (◀▶) keys

⑱ VOLUME keys

This has the same function as the **VOLUME CONTROL** knob on the main unit. However, the **AI VOLUME** function does not operate.

⑲ N.B. key

⑳ MUTE key

This is used to mute the sound temporarily.

㉑ Keys related to RDS

DISPLAY key

The display contents are switched during reception of RDS broadcasts.

PTY (Program Type) key

This is used to specify the program type when searching for a station.

SEARCH key

Used to search for a station when the program type has been specified.

EON key

Used for automatic reception of transmissions of a certain content.

㉒ Keys related to DOLBY SURROUND

CENTER (+ -) key

For adjustment of the center level.

REAR (+ -) key

For adjustment of the rear level.

DOLBY PRO LOGIC key

DOLBY 3 STEREO key

OFF key

TEST TONE key

Test tone output is switched ON/OFF at the time of center level and rear level adjustment.

㉓ EQUALIZER key

㉔ 3D STEREO key

㉕ AUTO (■) key

㉖ DISC SKIP key

㉗ EDIT key

Used for CD edit recording (time edit recording).

㉘ RANDOM key

For CD playback, switching is executed between introduction scanning, random playback, and normal playback.

㉙ P.MODE key

Used to program the CD playback sequence.

㉚ REPEAT key

Used for repeated playback of a CD.

㉛ POWER key

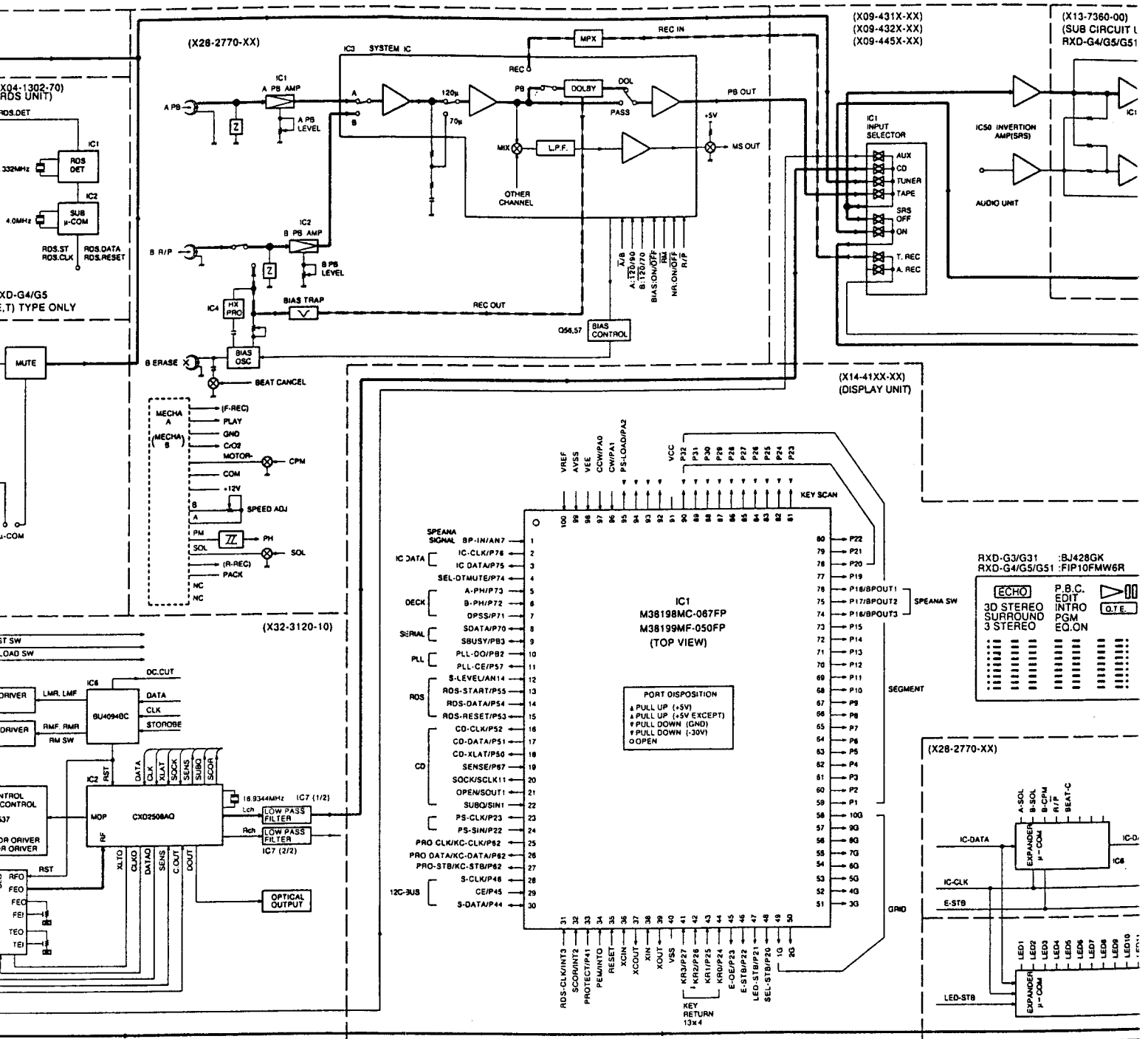
㉜ SLEEP key

Used to set the sleep timer.

Te



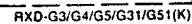
RXD-G3/G4. BLOCK DIAGRAM



RXD-G3/G4



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RXD-G3/G4/G5/G31/G51

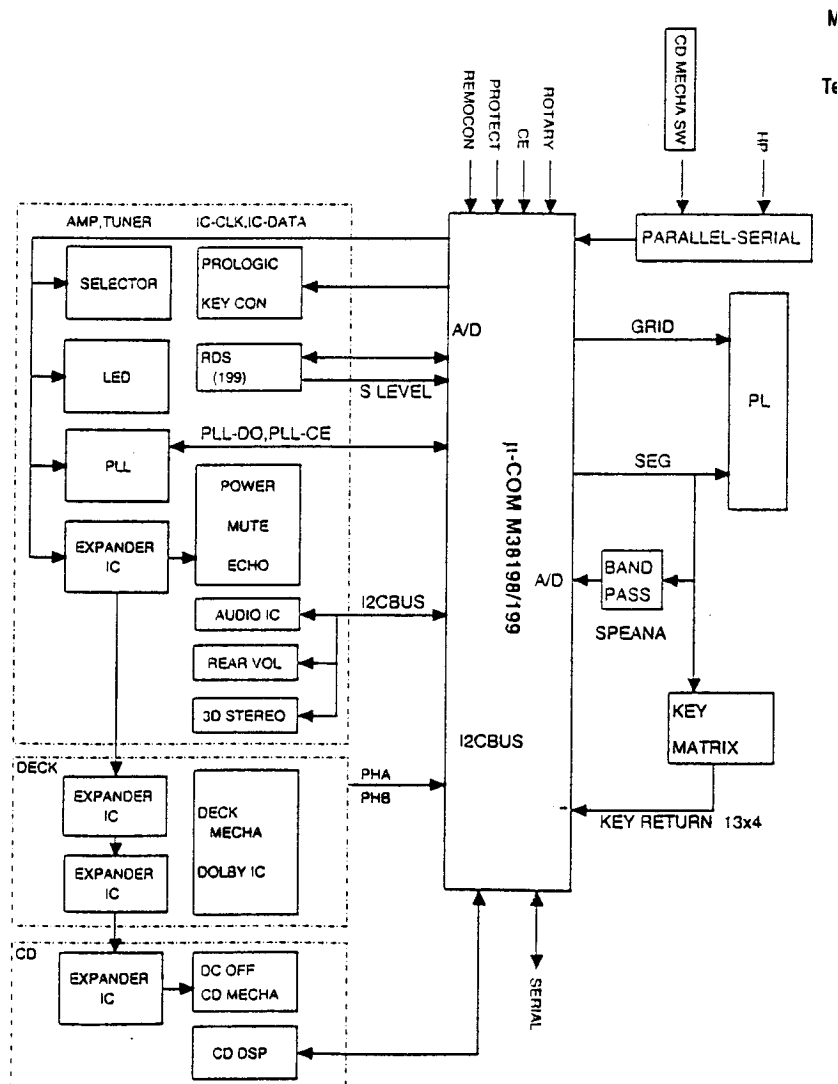
CIRCUIT DESCRIPTION

1. MAIN μ -COM (M38198MC-069FP/M38198MF-051FP) (X14 : IC 1)

1-1. Function

		RXD-G3		RXD-G4		RXD-G5	RXD-G31	RXD-G51
		K,P	Y,M,X,T,E	K,P	Y,M,I,C,X,T,E	K,P,Y,M,I,C,X,T,E	M,I,C	M,I,C
CD Player		3 DISC						
TUNER	FM Stereo	○						
	LW	T only						
AMP	POWER	50W+50W		70W+70W			50W+50W	70W+70W
	Surround matrix terminal		○		○		○	○
	L.L.C	○						
	SRS(3D stereo)			○				○
	Digital echo							○
	Best hit	○						
	DOLBY PROLOGIC						○	
	DOLBY 3 stereo						○	
DECK	W-DECK MECHA	FULL LOGIC REVERSE						
	HX PRO			○				○
	Normal speed						○	
	B DECK recording						○	

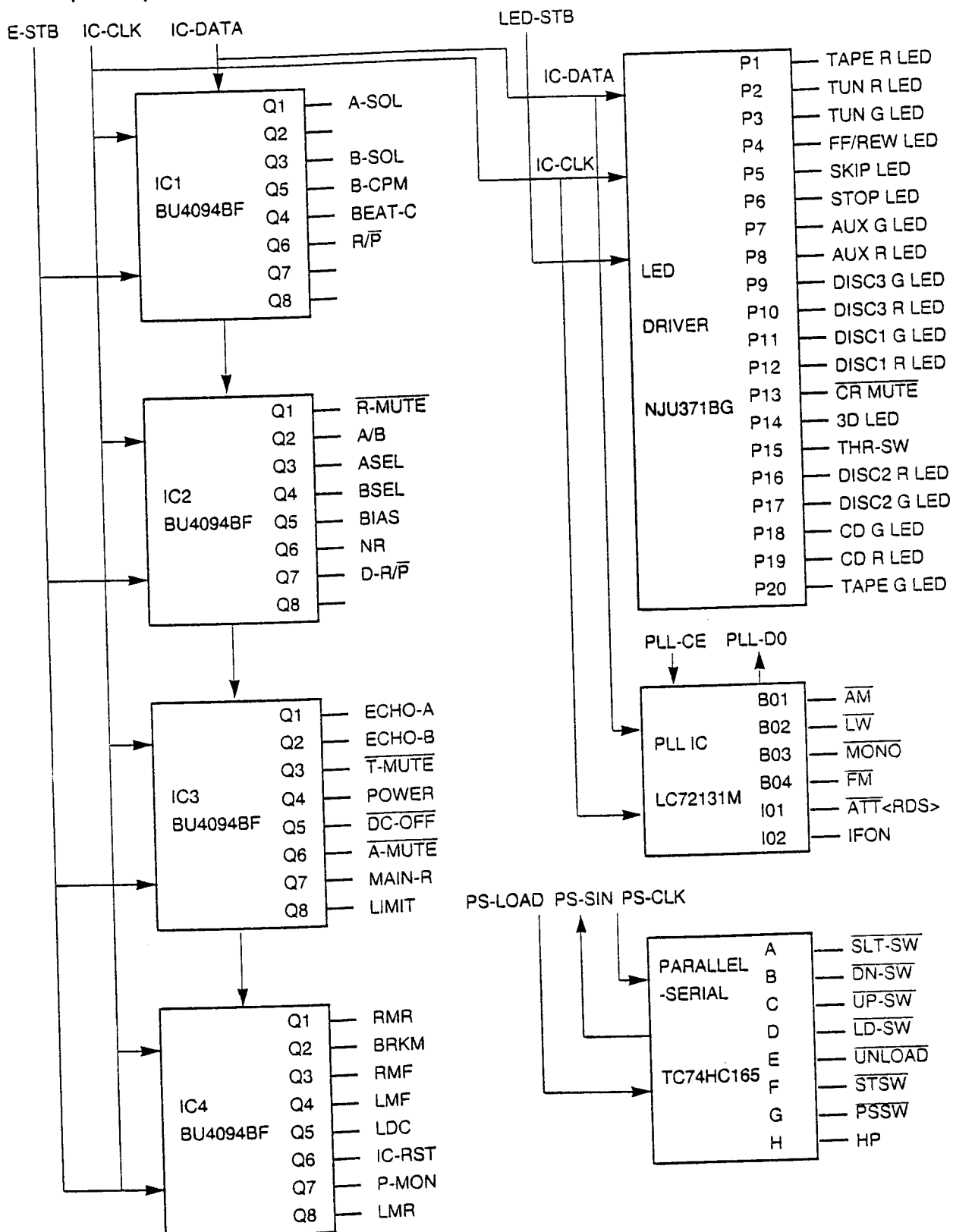
1-2. Microprocessor periphery block diagram



RXD-G3/G4/G5/G31/G51

CIRCUIT DESCRIPTION

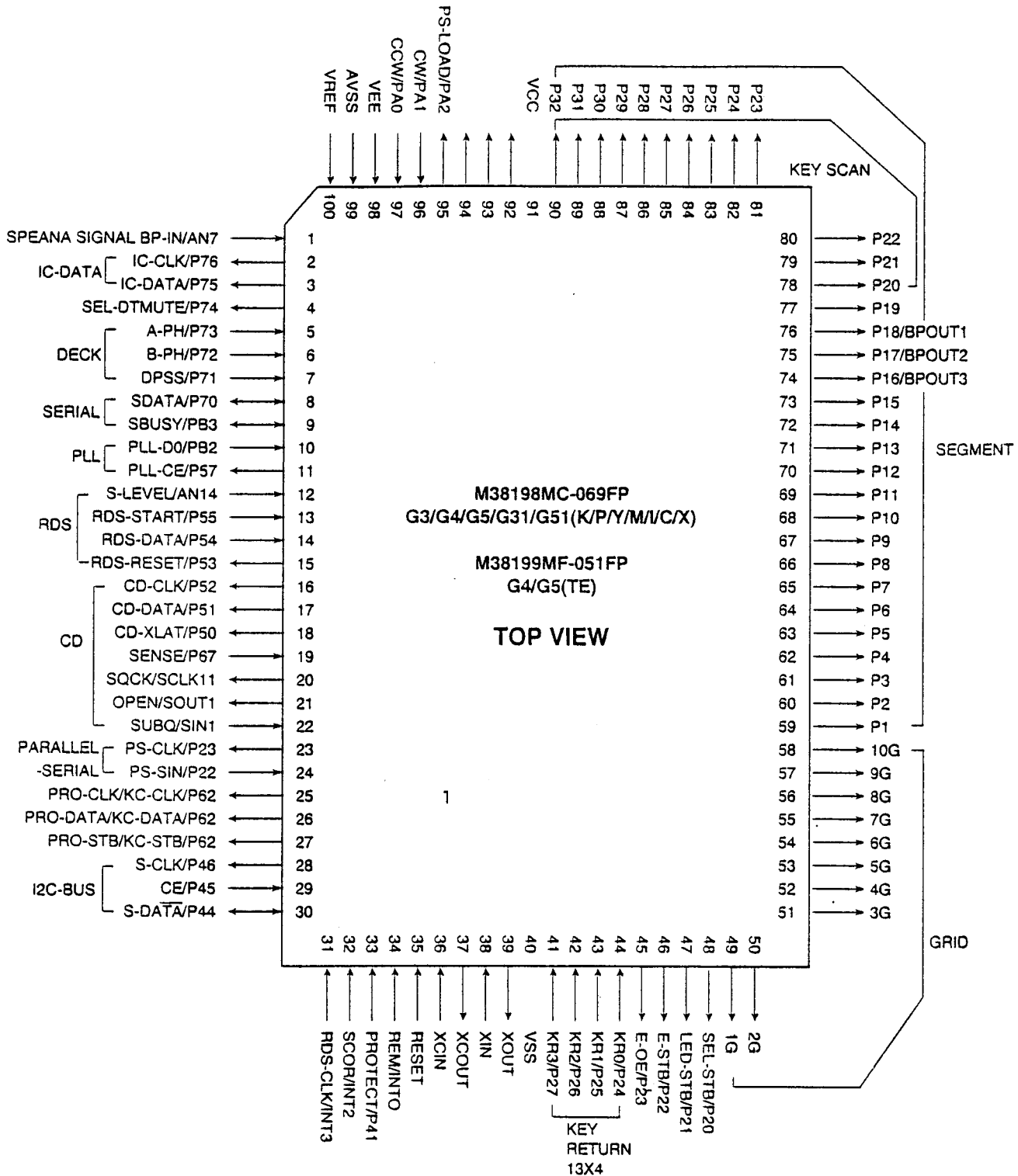
1-3. Expander port connection



RXD-G3/G4/G5/G31/G51

CIRCUIT DESCRIPTION

1-4. Pin connection



RXD-G3/G4/G5/G31/G51

CIRCUIT DESCRIPTION

1-5. Pin description

Pin No.	I/O	Name	Description
1	I	BP-IN	Speana input(A/D convertor input)
2	O	IC-CLK	IC-CLOCK(BU4094BF · NJU7313AM,NJU3718G · LC7218,LC83025E)
3	O	IC-DATA	Selector/LED driver/Expander IC data
4	O	SEL-DTMUTE	Selector IC data mute(NJU7313AM)
5	I	A-PH	A photo sensor input
6	I	B-PH	B photo sensor input
7	I	DPSS	DPSS detection
8	I/O	SDATA	Serial communication data
9	I/O	SBUSY	Serial communication busy
10	I	PLL-DO	PLL(LC7218)data input
11	O	PLL-CE	PLL(LC7218)chip enable
12	I	S-LEVEL	RDS signal level
13	I	RDS-START	RDS IC start
14	I	RDS-DATA	RDS IC data
15	O	RDS-RESET	RDS IC control reset
16	O	CD-XLAT	CD latch output (CXA1782BQ,CXD2508Q)
17	O	CD-DATA	CD IC DATA(CXA1782BQ · CXD2508Q)
18	O	CD-CLK	CD IC CLK(CXA1782BQ · CXD2508Q)
19	I	SENSE	CD sense input(CXA1782BQ,CXD2508Q)
20	O	SQCK	Sub cord clock(CXD2508Q)
21	O	(OPEN)	Unused
22	I	SUBQ	Sub code data(CX2508Q)
23	O	PS-CLK	Parallel serial IC clock
24	I	PS-SIN	Parallel serial IC data
25	O	PRO-CLK	Dolby PROLOGIC IC(LA2785,LV1010N)clock
26	O	PRO-DT	Dolby PROLOGIC IC(LA2785,LV1010N) data
27	O	PRO-STB	Dolby PROLOGIC IC(LA2785,LV1010N)strobe
28	O	S-CLK	Surround IC clock(TDA7315,TDA7345)
29	I	CE	Power failure input
30	I/O	S-DATA	Surround IC data(TDA7315 · TDA7345)
31	I	RDS-CLK	RDS IC clock
32	I	SCOR	Sub code(CXD2508Q)
33	I	PROTECT	Protection input
34	I	REM	Remote control input
35		RESET	Reset
36	I	Xcin	Timer clock input(32.768KHz)
37	O	Xcout	
38	I	Xin	Main clock input(8.38MHz)
39	O	Xout	
40		Vss	(GND)
41 ~ 44	I	KR3 ~ KR0	Key return 3 ~ 0
45	O	E-OE	Expander IC(BU4094BC) enable control
46	O	E-STB	Expander IC(BU4094BC) strobe control
47	O	LED-STB	LED IC strobe
48	O	SEL-STB	Selector IC strobe

RXD-G3/G4/G5/G31/G51

CIRCUIT DESCRIPTION

Pin No.	I/O	Name	Description
49 ~ 58	O	1G ~ 10G	FL grid output 1G ~ 10G
59 ~ 73	O	P1 ~ P15	FL segment output P1 ~ P15
74 ~ 76	O	P16/BPOOT3 ~ P18/BPOOT1	FL segment output/band pass filter control 3 ~ 1
77	O	P19	FL segment output
78 ~ 90	O	P20/KEY13 ~ P32/KEY1	FL segment/Key output/Key scan output
91		Vcc	(Micom power)
92 ~ 94	O		Unused
95	O	PS-LOAD	Parallel serial IC load H : SHIFT L : LOAD
96	I	CW	Rotary encoder input B
97	I	CW	Rotary encoder input A
98	I	Vee	Full down power
99	I	AVss	A/D GND
100	I	Vref	A/D reference voltage

I
1

1-6. Key scan line input

Name	Description
SLT	CD limit SW
DNSW	CD down SW
UPSW	CD up SW
LDSW	CD load SW
UNLOAD	CD unload SW
A-PACK	A deck tape detection
B-PACK	B deck tape detection
A-CrO2	A deck Normal/CrO2 detection
B-CrO2	B deck Normal/CrO2 detection
A-PLAY	A deck PLAY-SW
B-PLAY	B deck PLAY-SW
FREC	Forward REC detection
RREC	Reverse REC detection
TEST	PCB TEST mode
DSW3	Decided model(D)
DSW4	
DSW5	
DSW0	Decided tuner destination(D)
DSW1	
DSW2	
ST	PLL stereo input
SD	Station detector input

RXD-G3/G4/G5/G31/G51

CIRCUIT DESCRIPTION

RXD-G3/G4/G5/G31/G51 KEY MATRIX (UNIT)

	KR0	KR1	KR2	KR3
SEG 1	DISC 1	DISC 2	DISC 3	TAPE
SEG 2	OPEN/CLOSE	DISC SKIP	BAND	CD
SEG 8	MD	DEMO	MODE/OTT /ENHANCE	▶▶
SEG 9	◀◀	▶▶	◀▶	■
SEG 10	KEY ①	E Q	N B	LLC
SEG 11	KEY ②	KEY ③	ENTER	KEY ④
SEG 12	DOLBY N R	REV MODE	A/B	POWER
SEG 13	KEY ⑤	REC/ARM	DUBBING	OTE

	KEY ①	KEY ②	KEY ③	KEY ④	KEY ⑤
RXD-G3	ENHANCE	---	---	---	BEST HITS
RXD-G31 (J.M)	ENHANCE	---	---	---	DIGITA ECHO
RXD-G4 (K.E)	3D STEREO	---	---	---	BEST HITS
RXD-G5	3D STEREO	DOLBY 3 STEREO	DOLBY PRO LOGIC	OFF	BEST HITS
RXD-G51 (J.M)	3D STEREO	---	---	---	DIGITA ECHO

TUNER

	KR0	KR1	KR2	KR3
SEG5	SD	ST		

DECK

	KR0	KR1	KR2	KR3
SEG6	A PACK	B PACK	A PLAY	A CrO2
SEG7	R REC	B CrO2	B PLAY	F REC

DIODE SW

	KR0	KR1	KR2	KR3
SEG3	TEST DECK PCB	DSW2	DSW1	DSW0
SEG4	DSW5	DSW4	DSW3	TEST RDS

DIODE SWITCH TABLE

(1) TUNER DESTINATION SELECT

	DSW2	DSW1	DSW0
K1 (K, P, R)	L	L	L
K2 (K, P, R)	L	L	H
J (J)	L	H	L
E1 (E, G, X)	L	H	H
E2 (T)	H	L	L
E1 (RDS)	H	L	H
E2 (RDS)	H	H	L
M (M, Y)	L	CH SP	H

(2) MODEL SELECT

	DSW5	DSW4	DSW3
RXD-G3	L	L	L
RXD-G31	L	L	H
RXD-G4	L	H	L
RXD-G5	L	H	H
RXD-G51	H	L	H

M TYPE : SELECT DESTINATION BY CH SP (CHANNEL SPACE SW)

L : K2 H : E1

RXD-G3/G4/G5/G31/G51

CIRCUIT DESCRIPTION

1-7. Initialization (Reset)

Insert the AC plug into the outlet while holding down the ENTER key of main unit.

Initial stage

	State			State	
SYSTEM	POWER	OFF		BAND	FM
CLOCK PROG.	CLOCK	STOP(AM12:00)	TUNER	Each last BAND	
	PROG. Operation MODE	OFF		FM : P.ch= - - ch FREQ=min(76.0 or 87.5 MHz)	
	PROG.1 : ON=AM12:00	OFF=AM12:00		AM(MW) : P.ch= - - ch FREQ=min(530 or 531 kHz)	
	MOD=PLAY	SOC=TUNER(1ch)		LW : P.ch= - - ch FREQ=min(153kHz)	
AMP	PROG.2 : ON=AM12:00	OFF=AM12:00	TUNER	P.CH Memory 1 ch-20ch : Test frequency	
	MOD=PLAY	SOC=TUNER(1ch)		(Refer to Test Frequency)	
	VOLUME	7SEG=7		Tuning MODE	AUTO (AUTO STEREO)
	SELECTOR	TUNER	TAPE	A/B Selector	B
	EQ.	OFF		A Deck Head position	For FWD
	PRESENCE	OFF		B Deck Head position	For FWD
	3D STEREO	OFF		DOLBY NR	OFF
	N. B.	OFF		REV	REVERSE
	MUTING	OFF	CD	DISC Selector	DISC 1
	PROLOGIC	OFF		REPEAT	OFF

2 TEST MODE

2-1. Cassette Deck TEST MODE

TEST Mode	Operation	Description
Input method	While depressing the TAPE key, plug the power cord in to an AC power outlet.	Entered TEST mode.
Cancel method	Turn off the power.	Cancelled TEST mode.
4 sec. REC	REC	Insert the cassette tape of B deck, select AUX, the deck start REC position. On the REC mute off, started 4 sec REC. After return REC Starting position,select TAPE, started PLAY position.
Direct PLAY	FWD key RVS key(Insert the tape in the A or B deck)	FWD key : Moved FWD PLAY to select A or B RVS key : Moved REV PLAY to select A or B.
Select deck (A/B)	A or B	Select deck A or B without cassette tape.

2-2. DETECT HALF SW (ON TEST MODE)

SW	DISPLAY
A CrO2 detect half sw	A
B CrO2 detect half sw	A
B FWD REC inhibit detect half sw	B
B RVS REC inhibit detect half sw	B

RXD-G3/G4/G5/G31/G51

CIRCUIT DESCRIPTION

2-3. AMP GE TUNER TEST MODE

1. How to turn it ON

If you turn ON the power while pressing the AUX key or the TUNER key, it will go into the AMP/GE/TUNER test mode.

2. Operation immediately after the start-up of the test mode

The test mode gets started while the power is turned ON. If the AUX key is pressed, the selector will be turned to "AUX." If the TUNER key is pressed, it will be turned to "TUNER. All the FLs will light up. The red and green lamps of the two-color LEDS will light up by turns at 500 msec. interval. All the single-color LEDS will light up. The indication with all the LEDS' lighting up can be released by operating the key on the remote control or on the main body. Then, it will be returned to the ordinary "AUX" display then to the ordinary display.

3. Operation in the test mode

(1) MUTE control is not activated when the mode is switched.

(2) The test mode will not be terminated if it is shifted to other positions than "AUX."

(3) The test mode will be terminated by plugging it off the power source or by initializing it, when all the settings will be initialized.

(4) During the test mode, it can be operated in a special manner that is different from an ordinary operation by using the keys on the remote control or the main body, specifically as shown in the following table.

Key	Function	Key	Function
POWER	Initialization	3D STEREO	Normal operation
CD	Normal operation	DOLBY PRO/flat	Normal operation
TAPE	Normal operation	DOLBY 3 ST/natural	Normal operation
TUNER	Normal operation	OFF/sharp	Normal operation
MD/AUX	Normal operation	BEST HIT/MIC ECHO	Normal operation
■	Normal operation	MODE/OTT/ENHANCER	Normal operation
↔	Center level up	DEMO	All light off, normal display (cyclic)
↔	Center level down	+10(Remocon key)	Selector TUNER+10 key
↔	Rear level up	0(Remocon key)	Selector TUNER 0 key
↔	Rear level down	1(Remocon key)	Selector TUNER 1 key
ENTER.	S level display	2(Remocon key)	Selector TUNER 2 key
LLC	S level display cancellation	3(Remocon key)	Selector TUNER 3 key
PRESENCE	Normal operation	4(Remocon key)	Selector TUNER 4 key
N. B.	Normal operation	5(Remocon key)	Selector TUNER 5 key
EQ. ON/OFF	Normal operation	6(Remocon key)	Selector TUNER 6 key
DISC 1	※3D TES1(AUX only)	7(Remocon key)	Selector TUNER 7 key
DISC 2	※3D TES2(AUX only)	8(Remocon key)	Selector TUNER 8 key
DISC 3	※3D TES3(AUX only)	9(Remocon key)	Selector TUNER 9 key
OPEN/CLOSE	※3D TES4(AUX only)		
※DISK SKIP	※Equalizer FLAT (OFF)		
A/B(A)	※Encoder MID(CE)		
REV.MOD(Unit)	※Encoder MIN(L)		
DOLBY NR B(Unit)	Equalizer MIN		
DUBBING (Unit)	Equalizer MAX		
REC/ARM(REC)	HIT MASTER ON		
ONE TOUCH EDIT	※Encoder MAX(R)		

※ The DISK SKIP key is used for "Equalizer FLAT" and "OFF function" (to turn OFF "PRESENCE" and "HIT MASTER").

※ The remote control/main body keys that are not listed above will work as usual.

※ Setting of 3D. (AUX mode only)

※ Setting of S level display and S level cancellation. (TUNER mode only)

RXD-G3/G4/G5/G31/G51

ADJUSTMENT

CD section (X32-312)

No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
1	LASER POWER	-	Set the sensor section of the optical power meter on the pickup lens.	Press CD key and turn the power on to enter the test mode. Press the "DISC3" key to check that the display is "03".	-	On the power from 0.05 to 0.15mw. when the diffraction grating is correctly aligned with the RF level of 0.8Vp-p or more	(a)
2	TRACKING ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1 : RF (CN2-1) CH2 : TE (CN2-6)	Load disc and set to test mode. Confirm the display is "03".	TE BALANCE VR1	Symmetry between upper and lower or DC=0±25mV	
3	FOCUS ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1 : RF (CN2-1) CH2 : TE (CN2-6)	Press the PLAY key. Confirm that the display is "05"	FE BALANCE VR2	Optimum eye pattern	
4	TRACKING GAIN	Test disc Type 4 Apply signal of 1.0kHz, 50mVrms to CN2 pin 5-6.	Connect a LPF to CN2 pin 5-6 to which connect an oscilloscope or AC voltmeters.	Press the PLAY key. Confirm that the display is "05"	TRACKING GAIN VR3	Two VTVMs should read the same value.	(e)

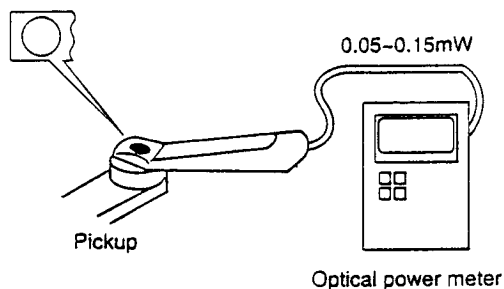
Note:

Type 4 disc : SONY YEDS-18 Test Disc or equivalent.

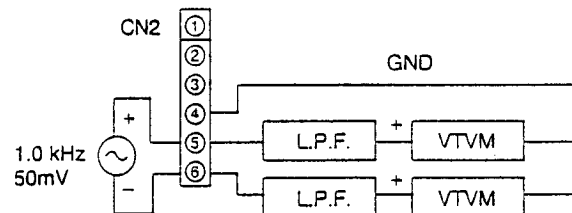
LPF : Around 47kΩ + 390pF or so.

Step 1 ~ 5 are in Test Mode.

(a) Laser Power



(e) Tracking Gain Adj.



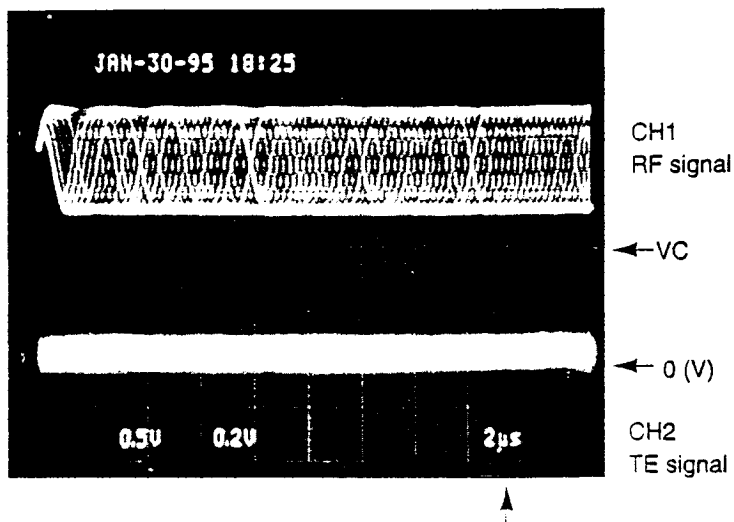
CD test mode input method : While depressing the CD key,
plug the power cord into an AC power outlet.

NO.	KEY	OPERATION	TRACK NO. DISPLAY
1	CD	CLAMP DISC3 1. FOCUS SERVO ON 2. TRACKING SERVO ON 3. FEED SERVO ON	05
2	DISC3	1. FOCUS SERVO ON 2. TRACKING SERVO OFF 3. FEED SERVO OFF	03
3	STOP	STOP	01
4	DISC1	PLAY T NO.16 (P NO 2)	16
5	DOWN	STOP D NO2, AND PLAY T NO32 OF D NO1.	32
6	DISC2	CLAMP UP D NO3, AND LOCK FLICKTION ARM	--

RXD-G3/G4/G5/G31/G51

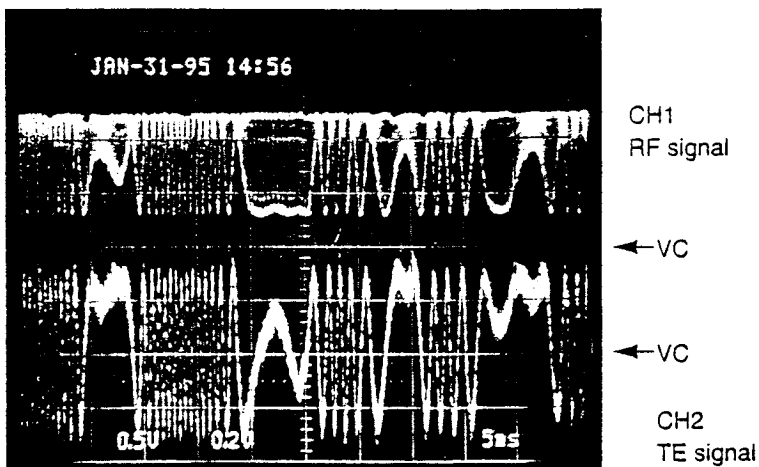
ADJUSTMENT

FIG. (b)



● RF signal and TE signal in test mode (PLAY).

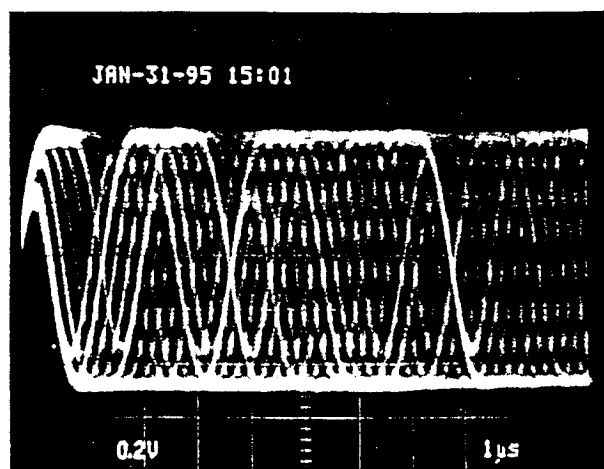
FIG. (c)



● RF signal and TE signal in test mode (Focusing servo ON / Tracking servo OFF). (Disc Type 4)

● Adjust TE signal so that the waveform is symmetrical in relation to VC. VR 3 (TE BALANCE)

FIG. (d)



● RF signal in test mode (PLAY).

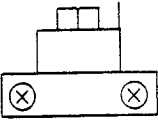
● Perform the tangential and focusing offset are focused into one point on the display. The crossing points above and below the center shall also be looked clearly.

RF signal
: AC coupled

RXD-G3/G4/G5/G31/G51

ADJUSTMENT

Cassette Deck section

No	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Unless otherwise specified, set the respective switches as follows: TAPE : NORMAL DOLBY : OFF REC OUT : Lch (X28,CN5 ① pin), Rch (X28,CN5 ④ pin) I. Cassette mechanism unit (Adjustment of the REC / PLAY head)							0dBs=0.775V
〈1〉	Demagnetization and cleaning	—	—	Power : OFF Demagnetization, cleaning, PLAY	Recording head, erase head, capstan pinch roller	Demagnetize the REC / PLAY head with the head eraser. Clean the REC / PLAY head, erase head, capstan and pinch roller using a cotton swab slightly damped with alcohol.	
〈2〉	Azimuth of the REC/PLAY head	TCC-153 MTT-114 10kHz, - 10dB	(B)	PLAY	 FWD RVS	Adjust the output to maximum and adjust the azimuth adjustment screw for the Lissajours waveform pattern of the oscilloscope to become close to a 45° straight line.	
II. PC BOARD ADJUSTMENT							
〈1〉	TAPE SPEED(NORMAL)	TCC-110 MTT-111 SCC-1727 3kHz	(B)	PLAY	VR9	Adjust the tape speed so that 3kHz is obtained at the center of the tape.	
III. PC BOARD ADJUSTMENT							
〈1〉	PLAYBACK LEVEL	MTT-150 400Hz	(B)	PLAY	A DECK VR 1(L) VR 2 (R) B DECK VR 3 (L) VR4 (R)	Adjust the playback output to -2.0dBs	
		MTT-256, SCC-1727 315Hz				Adjust the playback output to -6.0dBs	
		MTT-256U, TCC-160 315Hz				Adjust the playback output to -3.0dBs	
〈2〉	BIAS CURRENT	Adjust the AG for the output of the DECK to become 400Hz -23dBs, 400Hz/12.5kHz	(B)	REC ↑↓ PLAY	RXD-G3/G31 VR5(L) VR6(R) RXD-G4/G5/G51 VR7(L) VR8(R)	Record 400Hz and 12.5kHz alternately, and adjust the bias current adjustment potentiometer for the playback levels to become the +3dB.	

RXD-G3/G4/G5/G31/G51

ADJUSTMENT

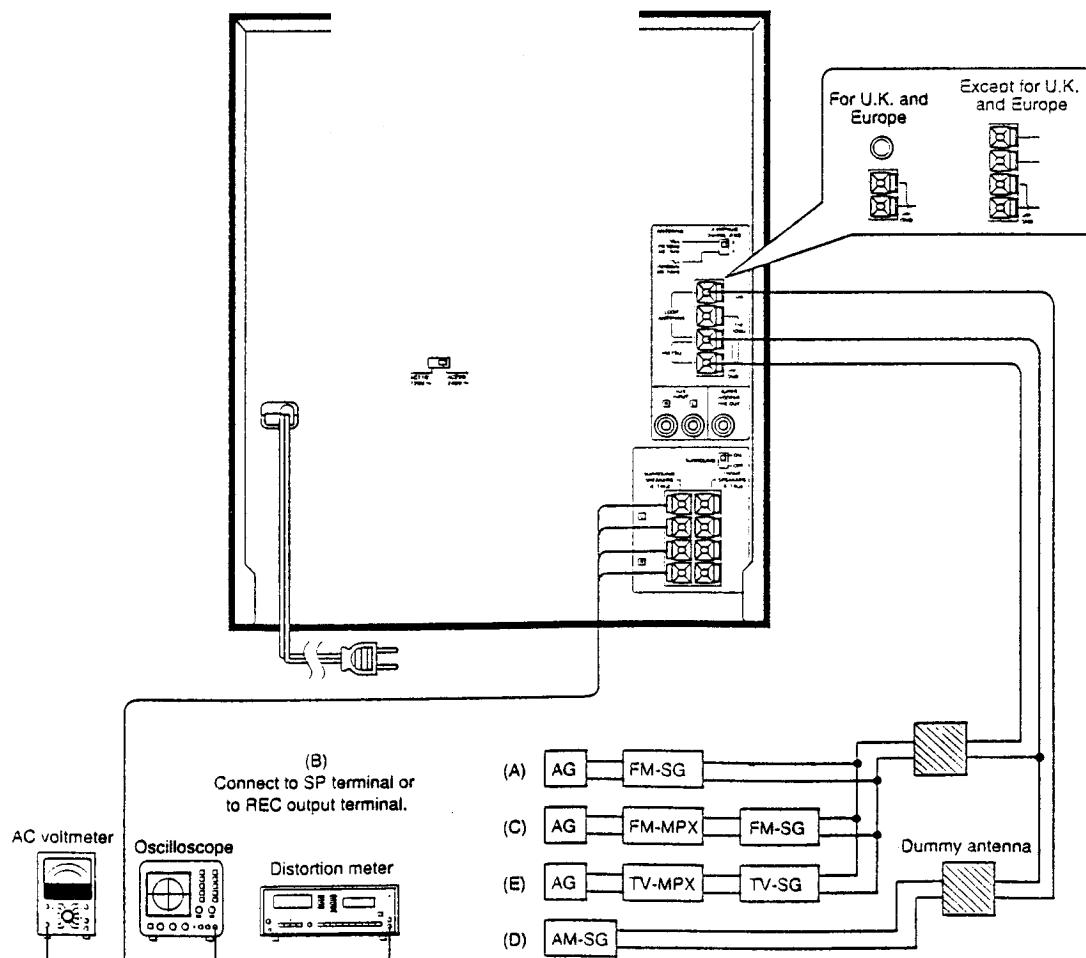
TUNER section

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION		BAND : FM					
1	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ± 68.25 kHz dev Pilot : ± 7.5 kHz dev 60 dB μ (ANT input)	(B)	AUTO 98.0MHz	IFT (W02-)	Minimum distortion.	(f)

(X09-431,432,445)

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION		BAND : FM					
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ± 75 kHz dev 60 dB μ (ANT input)	Connect a DC voltmeter between TP 1 and TP 2- (X09-)	AUTO or MONO 98.0MHz	L306 (X09-)	0V	(f)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ± 68.25 kHz dev Pilot : ± 7.5 kHz dev 60 dB μ (ANT input)	(B)	AUTO 98.0MHz	IFT (W02-)	Minimum distortion.	(f)

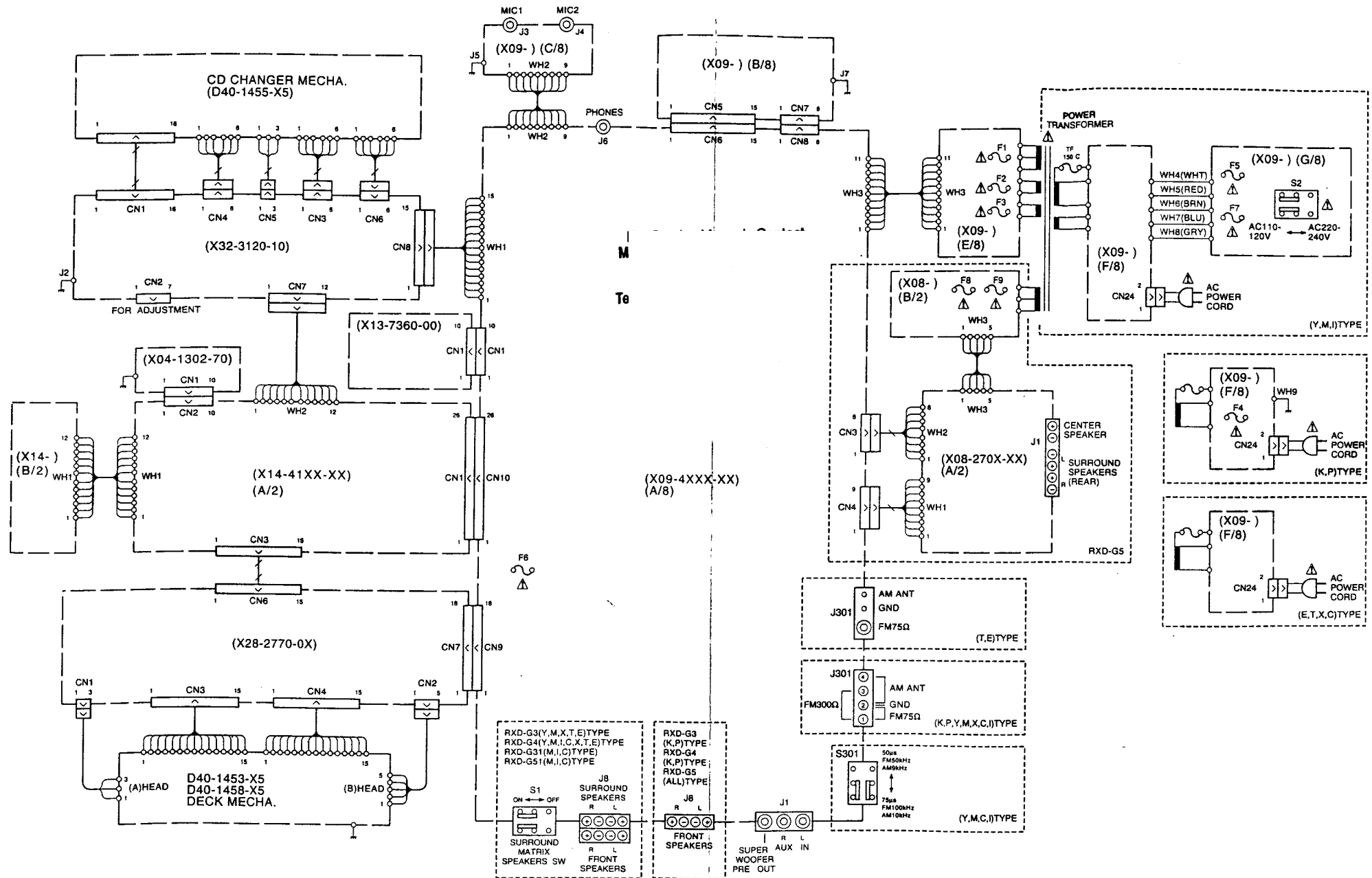
Fig.(f)



REC output : for X28 L ch, connect CN 5 pin 1;
for X28 R ch, connect CN 5 pin 4.

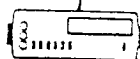
RXD-G3/G4/G5/G31/G51 RXD-G3/G4/G5/G31/G51

WIRING DIAGRAM



7

X09-4XXX-XX A/B J70-0863-11

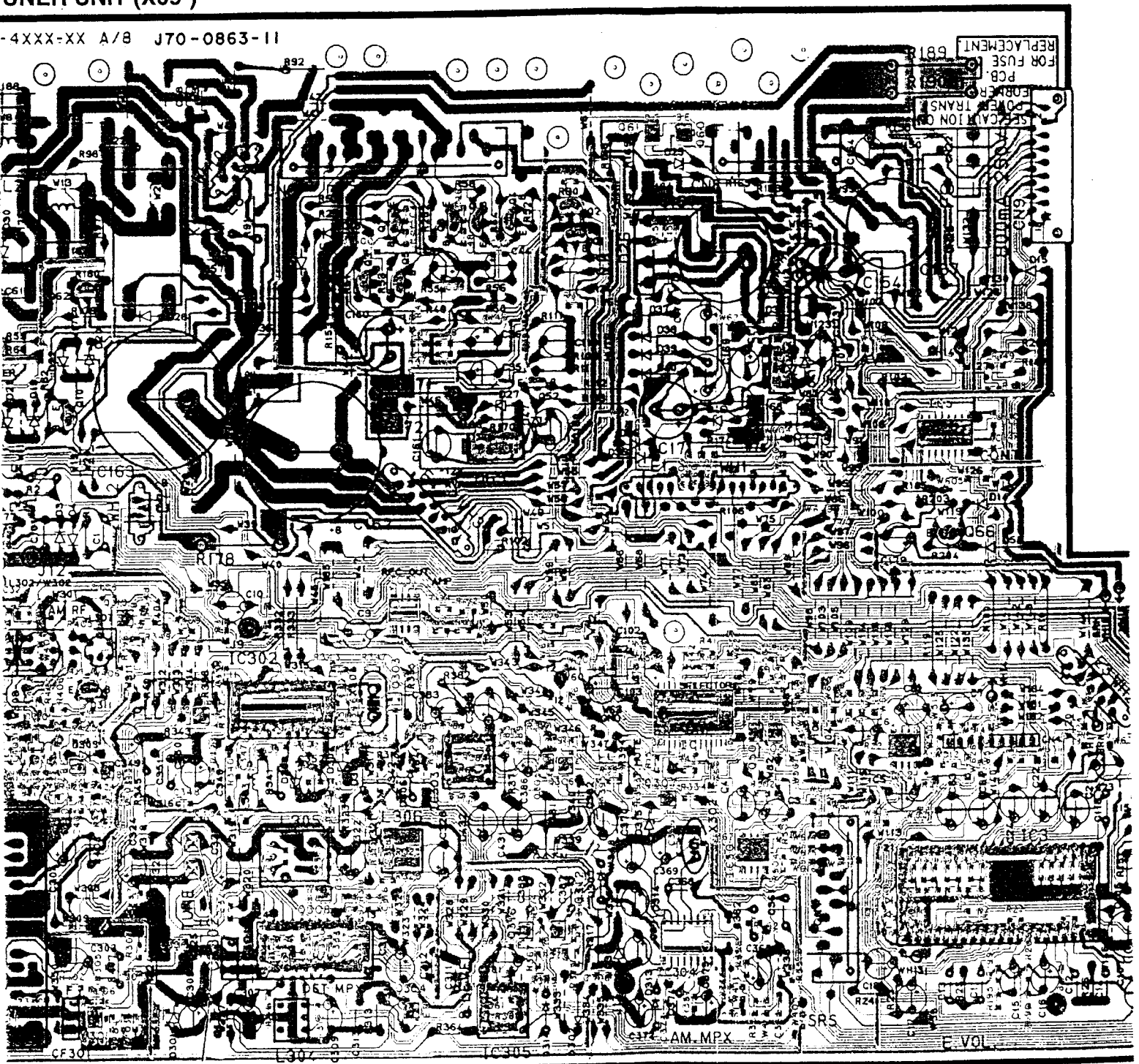


DC voltmeter

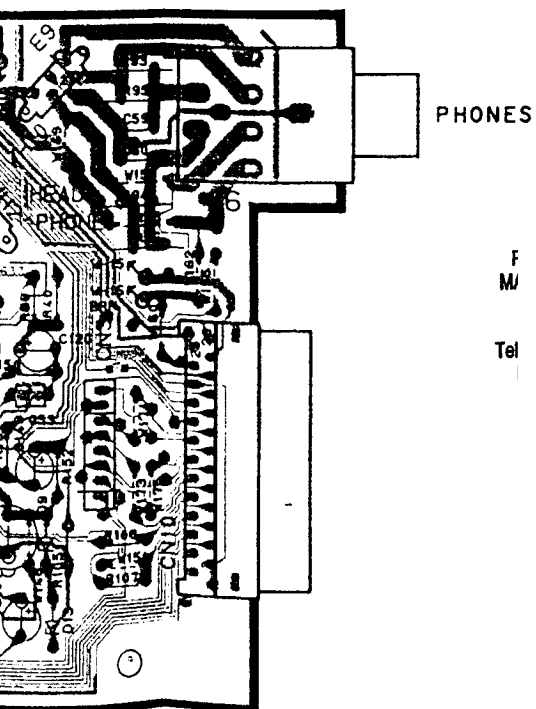
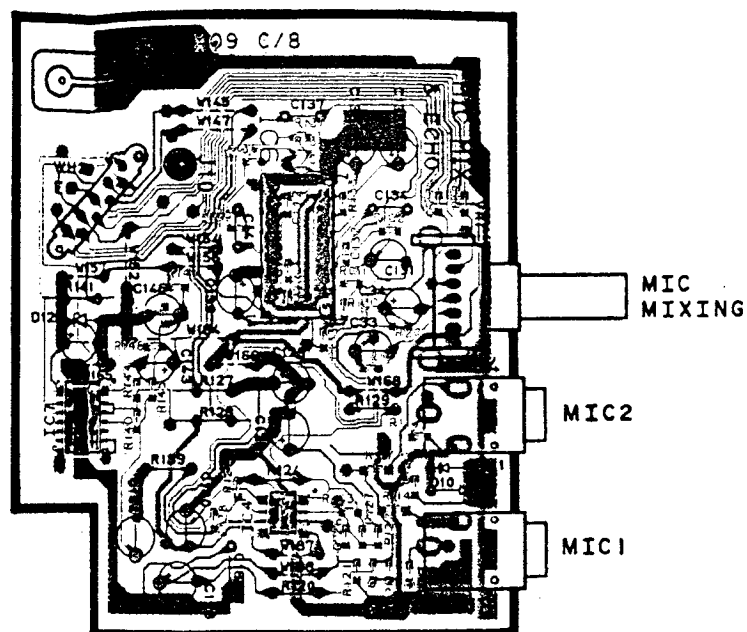
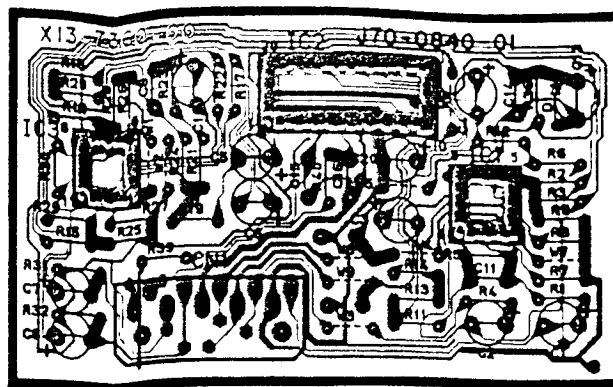
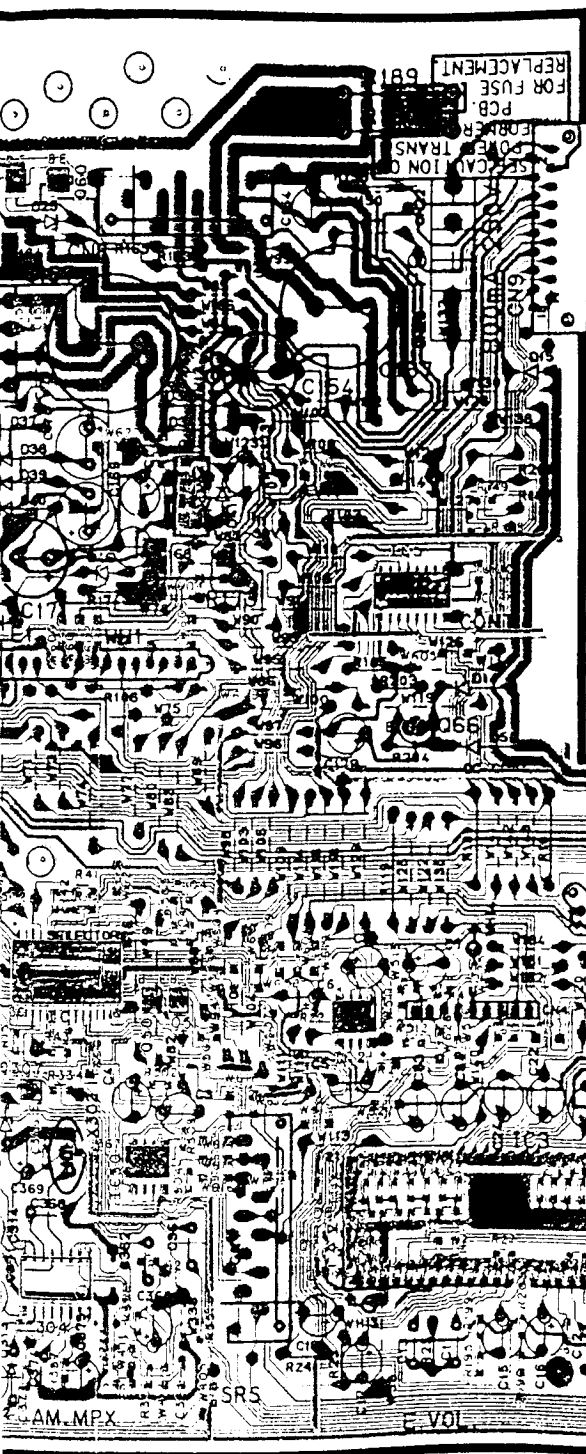
ponent side view)

TUNER UNIT (X09-)

-4XXX-XX A/B J70-0863-11

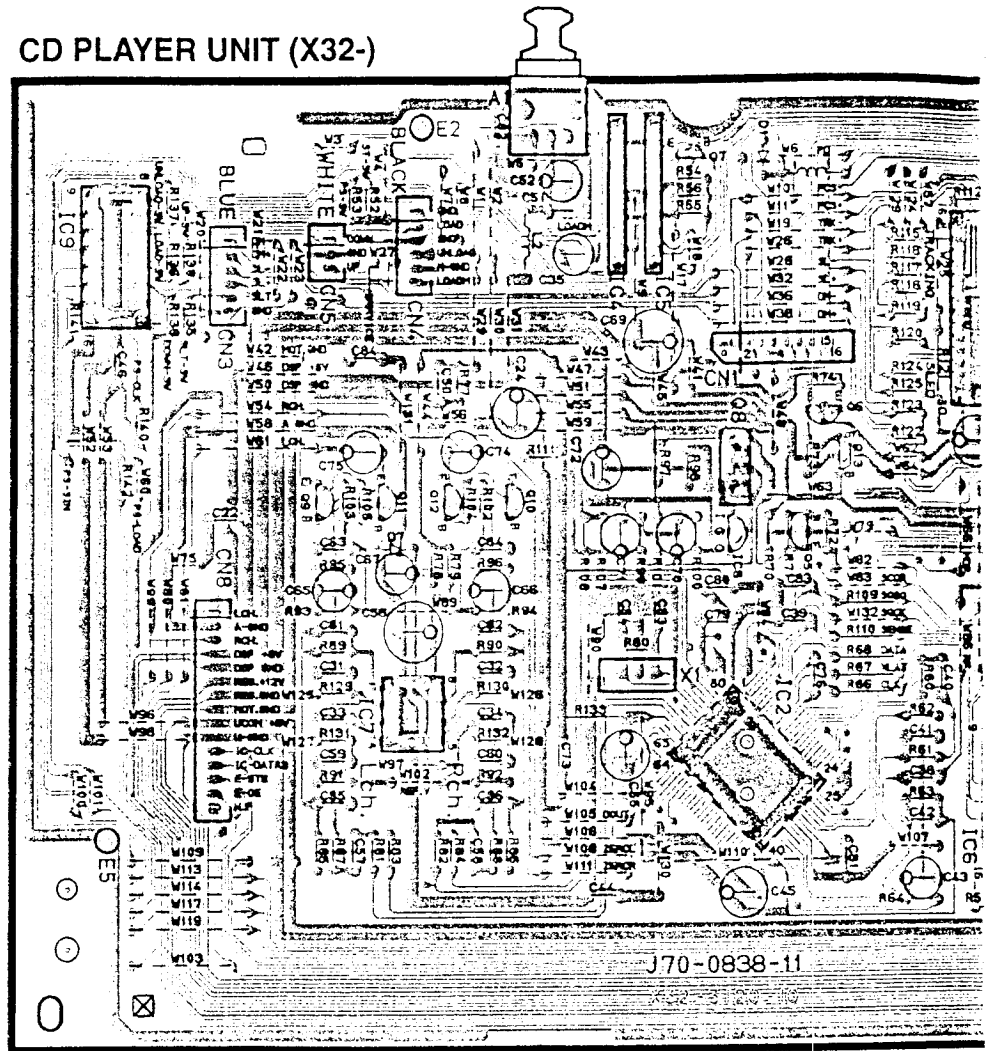


Discriminator : 0V
DC voltmeter

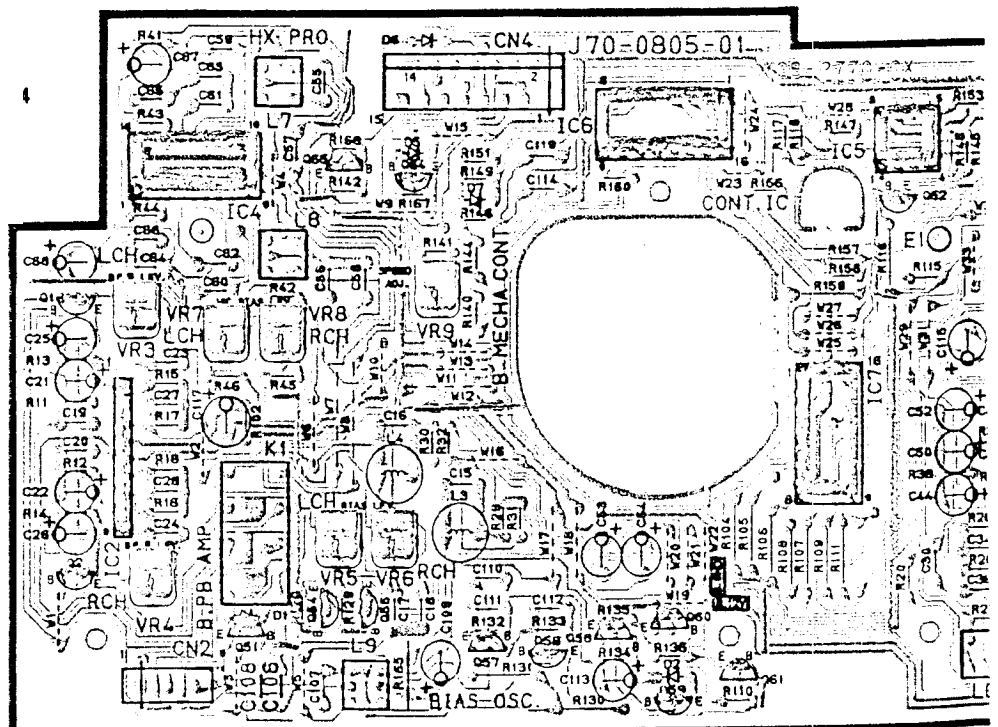


PC BOARD (Component side view)

CD PLAYER UNIT (X32-)



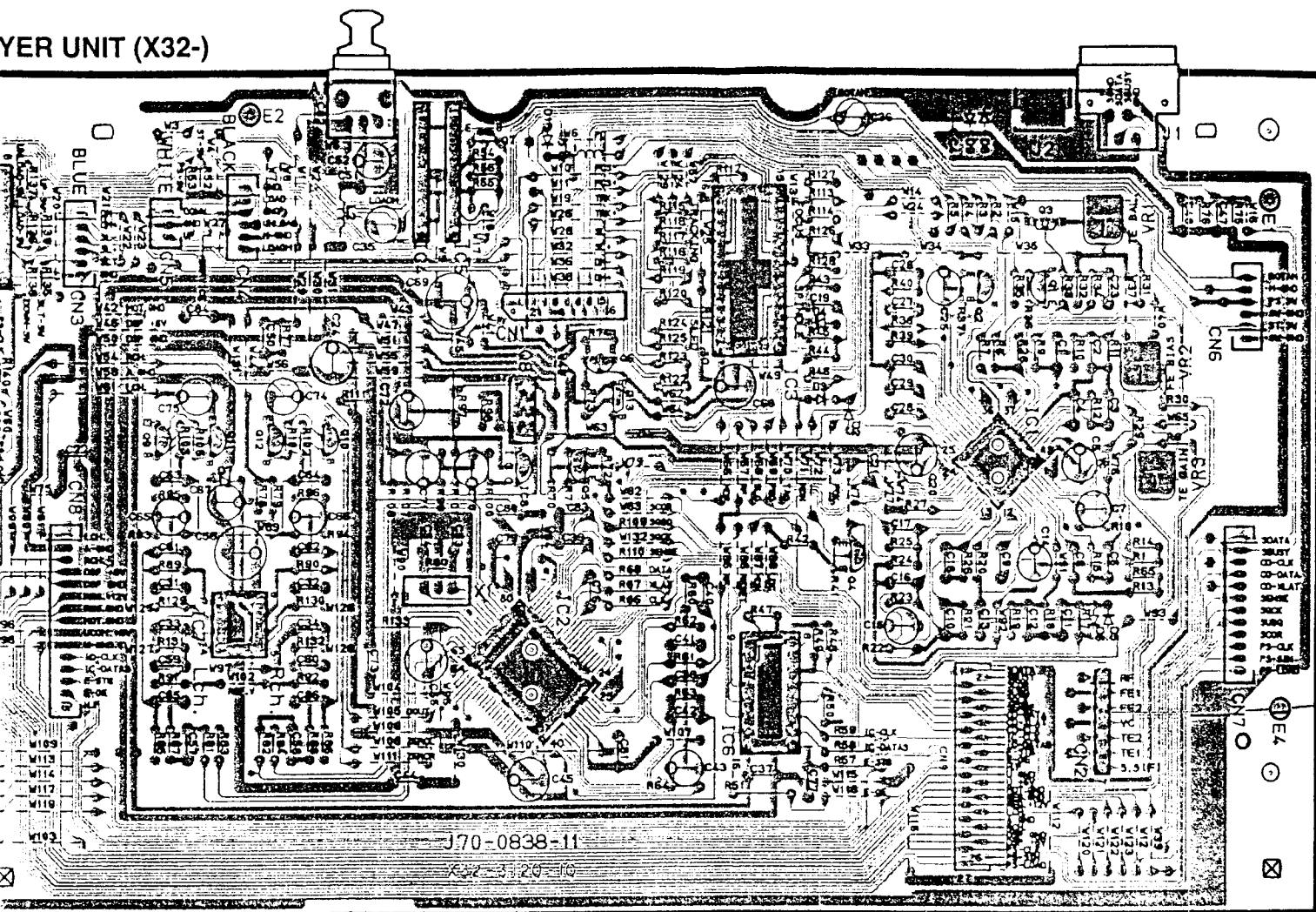
RECORD/PLAY BACK UNIT (X28-)



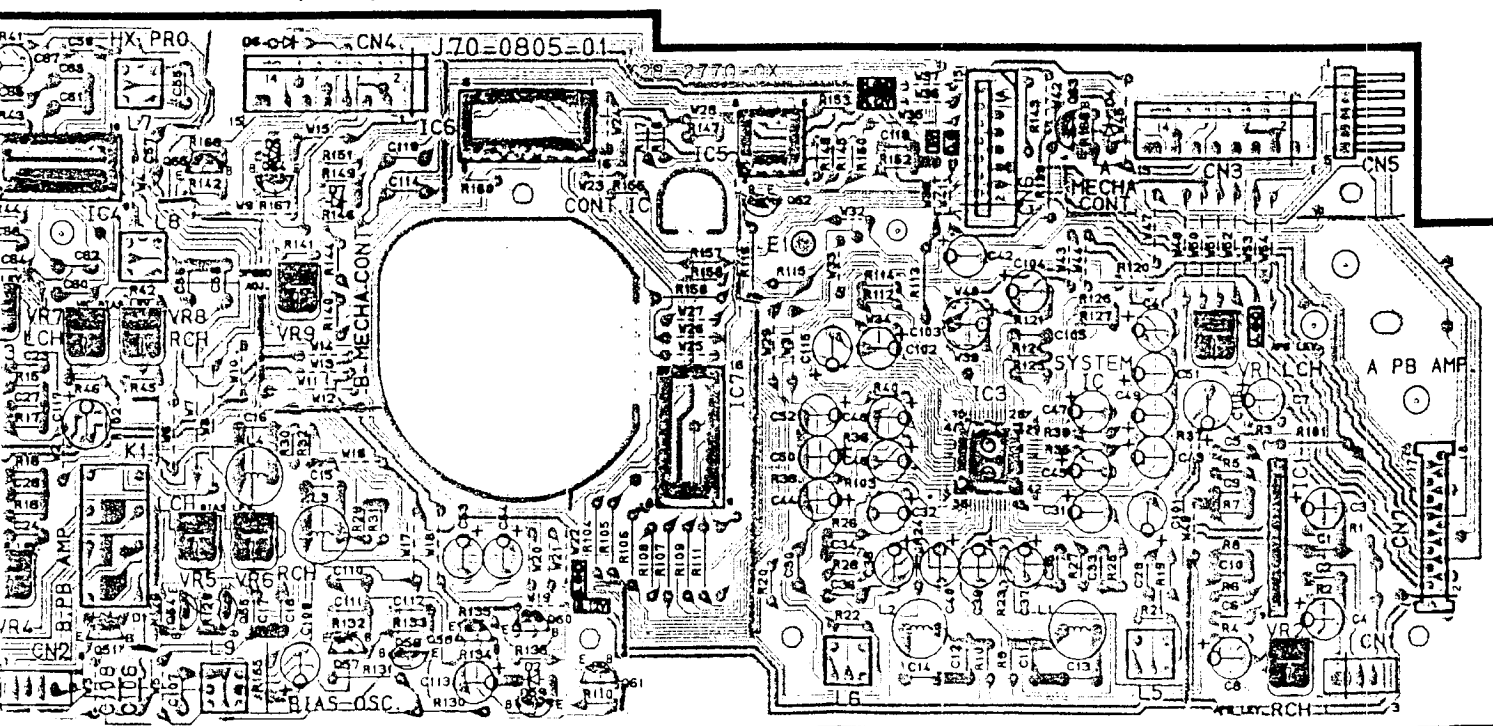
Refer to the schematic diagram for the values of resistors and capacitors.

component side view)

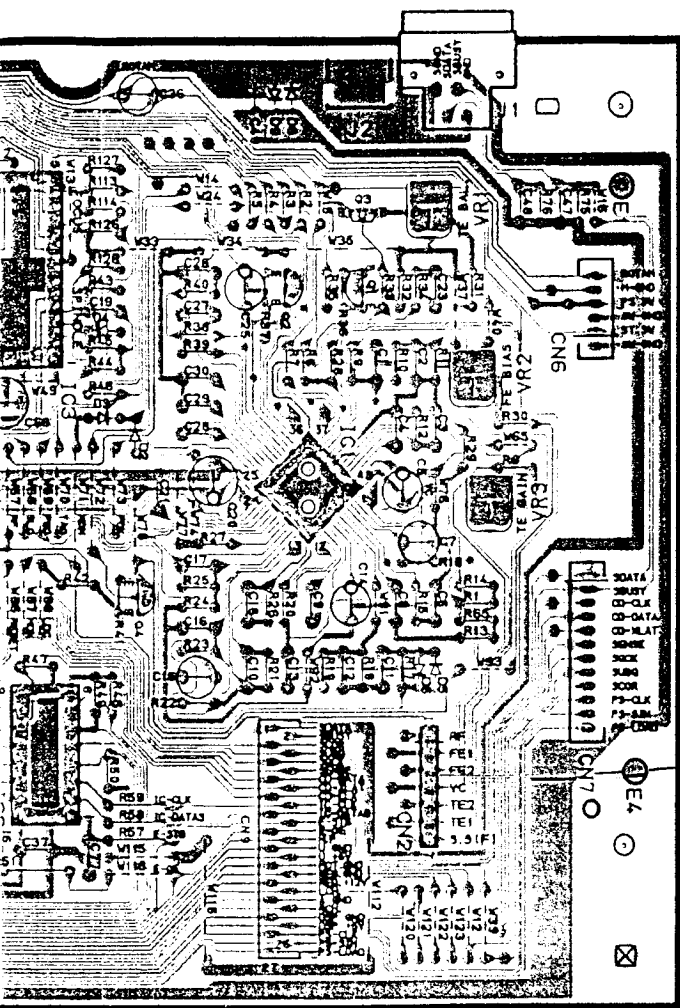
AYER UNIT (X32-)



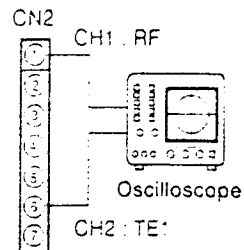
D/PLAY BACK UNIT (X28-)



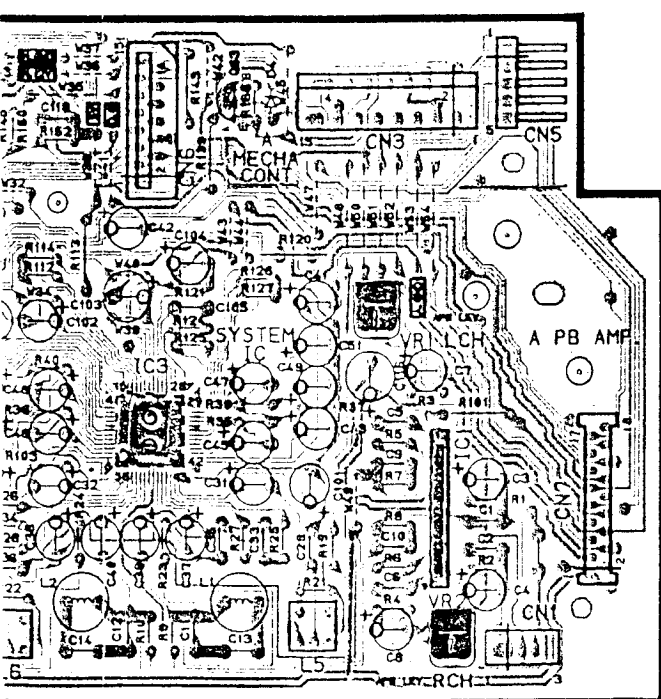
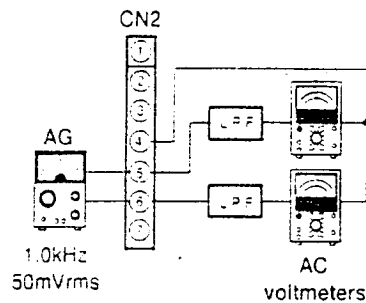
the values of resistors and capacitors.



Tracking error balance
: Symmetry between
upper and lower for VC
($\pm 25\text{mV}$)
Focus error balance
: Optimum eye pattern



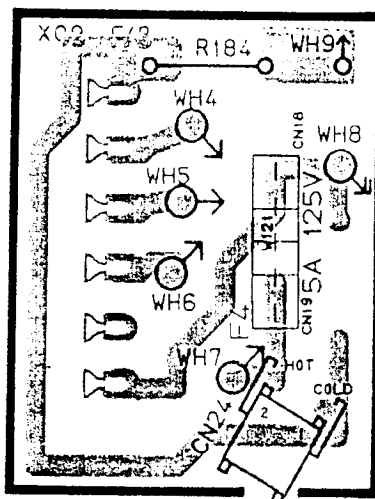
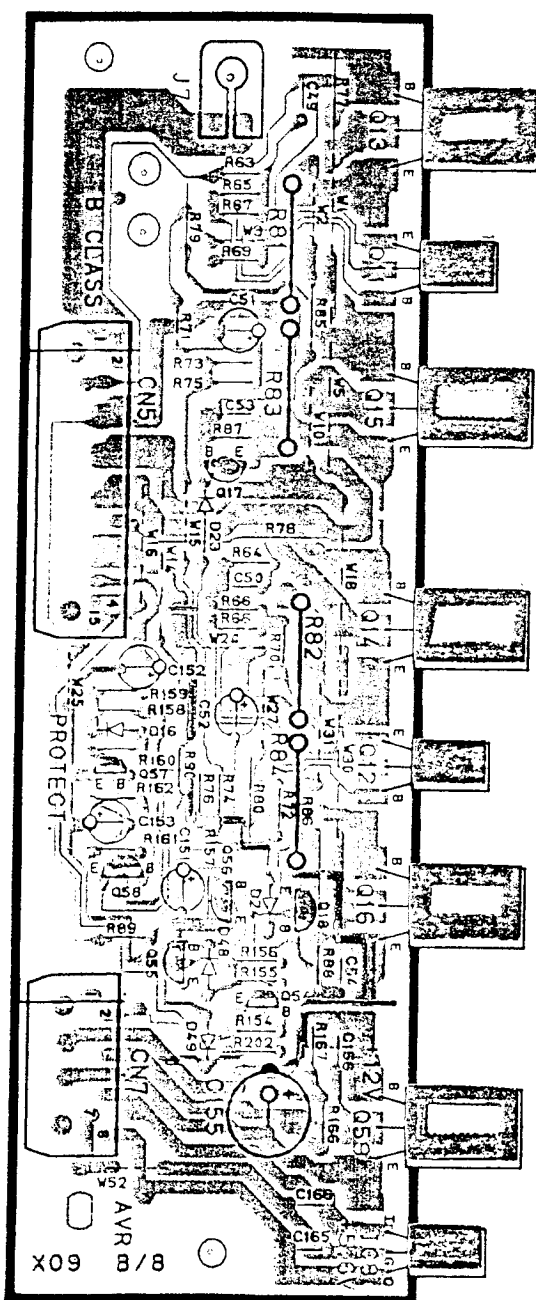
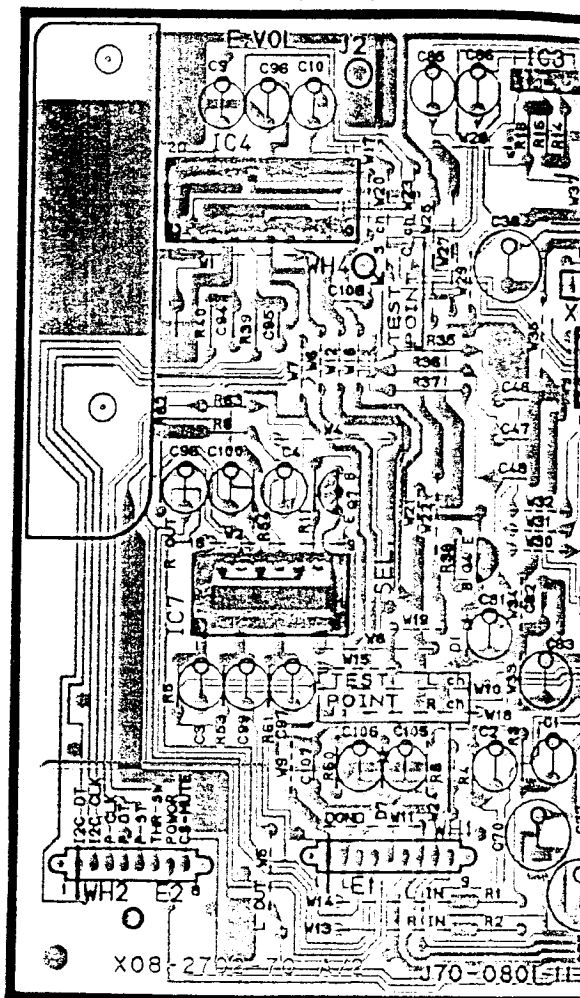
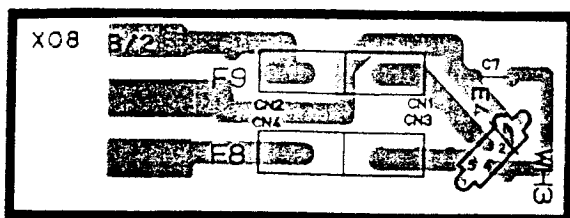
Tracking gain :
Two VTVMs should
read the same value.



M
Te

PC BOARD (Component side view)

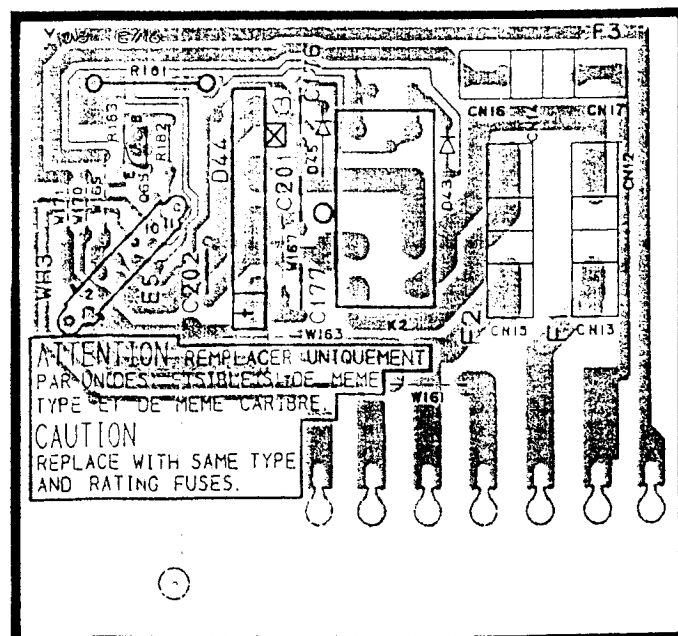
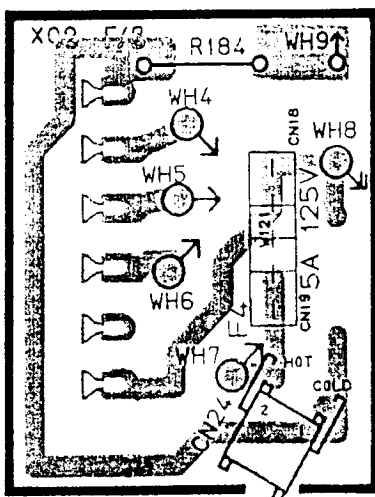
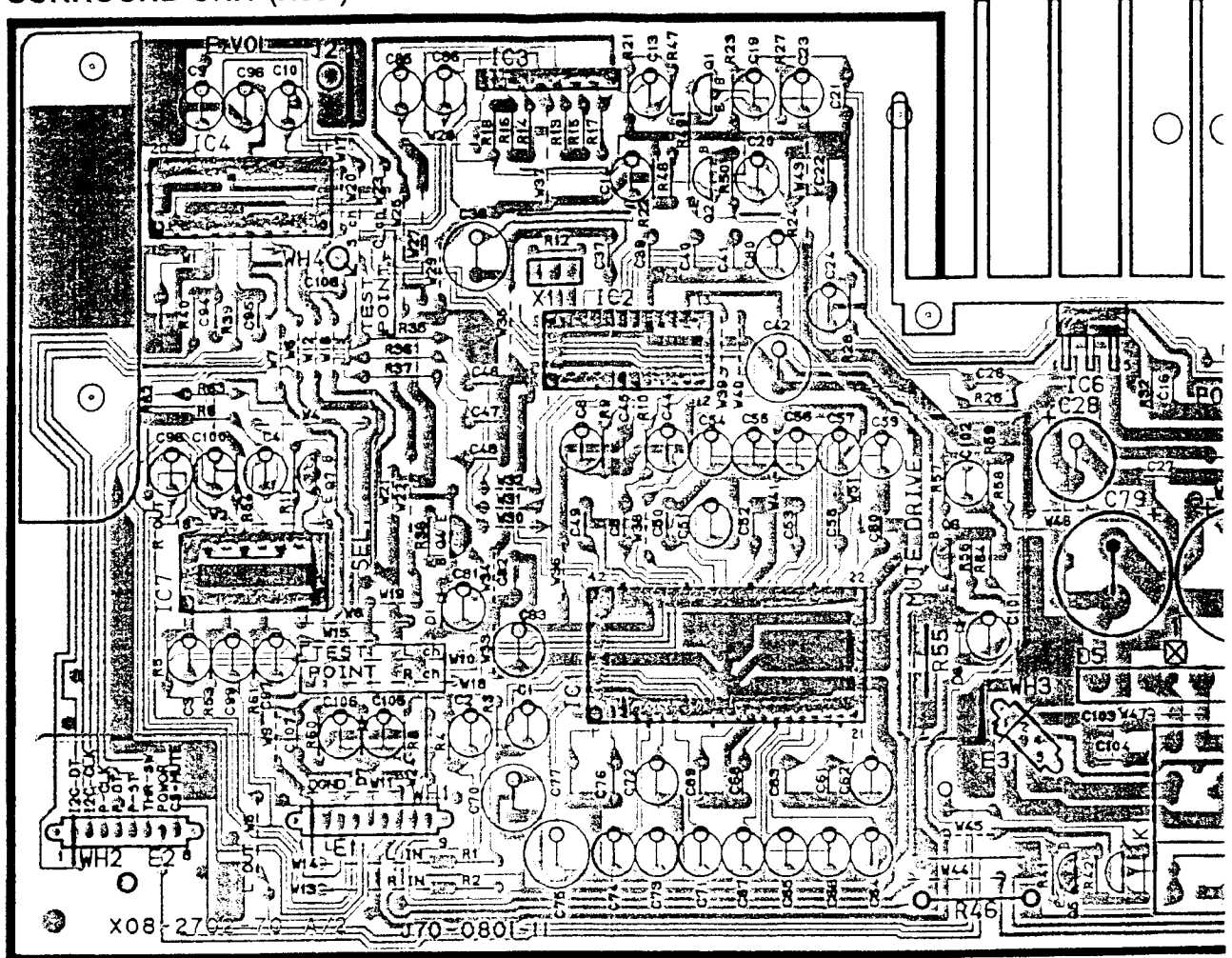
SURROUND UNIT (X08-)

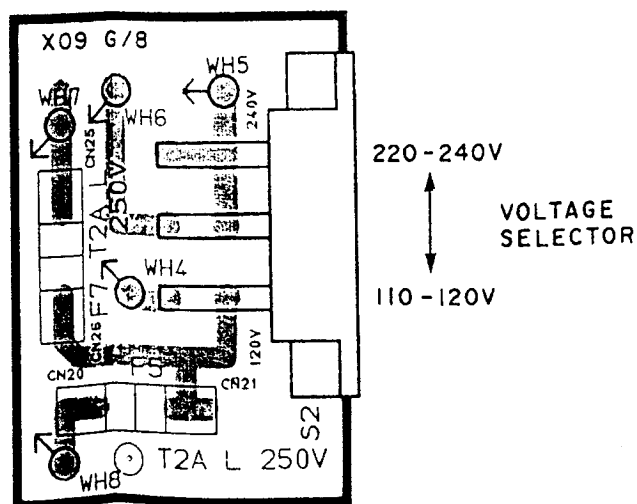
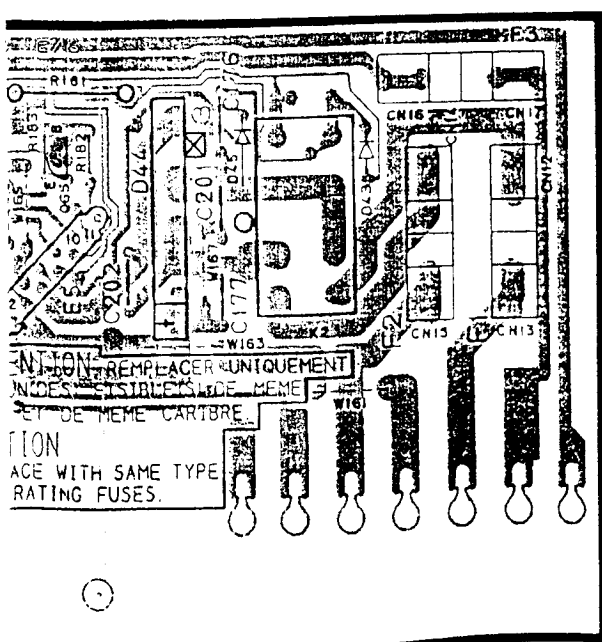
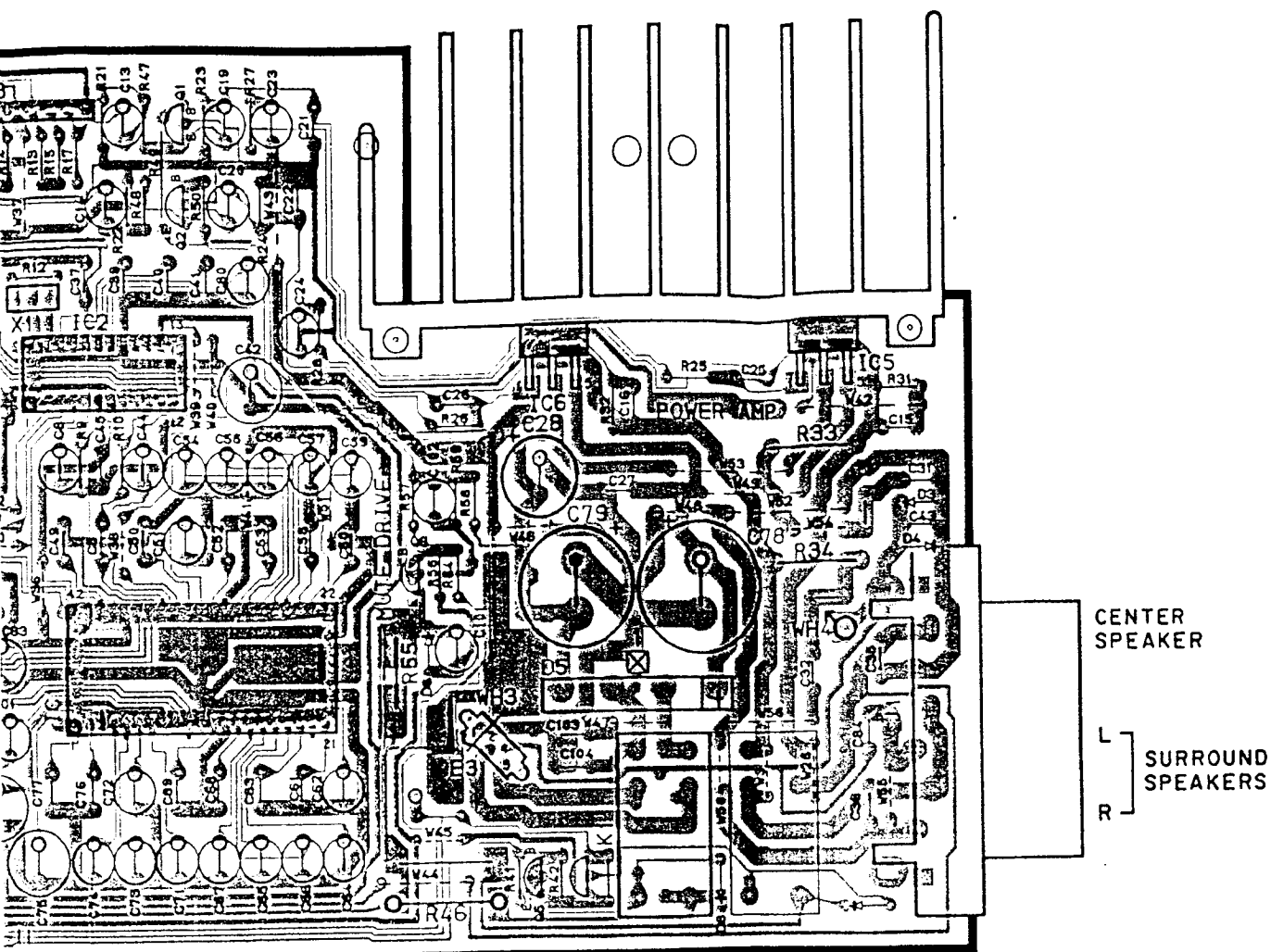


ATTENTION
PAR UNDE
TYPE ET
CAUTION
REPLACE W
AND RATIN

nt side view)

SURROUND UNIT (X08-)





Refer to the schematic diagram for the values of resistors and capacitors.

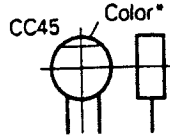
RXD-G3/G4/G5/G31/G51

PARTS DESCRIPTIONS

CAPACITORS

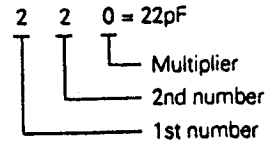
CC 45 TH 1H 220 J
1 2 3 4 5 6

- 1 = Type ... ceramic, electrolytic, etc. 4 = Voltage rating
2 = Shape ... round, square, ect. 5 = Value
3 = Temp. coefficient 6 = Tolerance



Capacitor value

- 010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF



Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40 -20	+80 -20	+100 -0	More than 10μF -10 ~ +50 Less than 4.7μF -10 ~ +75

Voltage rating

2nd word 1st word	A	B	C	D	E	F	G	H	J	K	V
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	-
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	-
3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	-

Chip capacitors

- (EX) C C 7 3 F S L 1 H 0 0 0 J
1 2 3 4 5 6 7
(Chip) (CH, RH, UJ, SL)
- (EX) C K 7 3 F F 1 H 0 0 0 Z
1 2 3 4 5 6 7
(Chip) (B, F)
- 1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

Dimension (Chip capacitors)

Dimension code	L	W	T
Empty	5.6 ± 0.5	5.0 ± 0.5	Less than 2.0
A	4.5 ± 0.5	3.2 ± 0.4	Less than 2.0
B	4.5 ± 0.5	2.0 ± 0.3	Less than 2.0
C	4.5 ± 0.5	1.25 ± 0.2	Less than 1.25
D	3.2 ± 0.4	2.5 ± 0.3	Less than 1.5
E	3.2 ± 0.2	1.6 ± 0.2	Less than 1.25
F	2.0 ± 0.3	1.25 ± 0.2	Less than 1.25
G	1.6 ± 0.2	0.8 ± 0.2	Less than 1.0

RESISTORS

Chip resistor (Carbon)

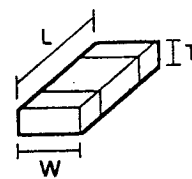
- (EX) R K 7 3 E B 2 B 0 0 0 J
1 2 3 4 5 6 7
(Chip) (B, F)

Carbon resistor (Normal type)

- (EX) R D 1 4 B B 2 C 0 0 0 J
1 2 3 4 5 6 7

- 1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Rating wattage
6 = Value
7 = Tolerance

Dimension



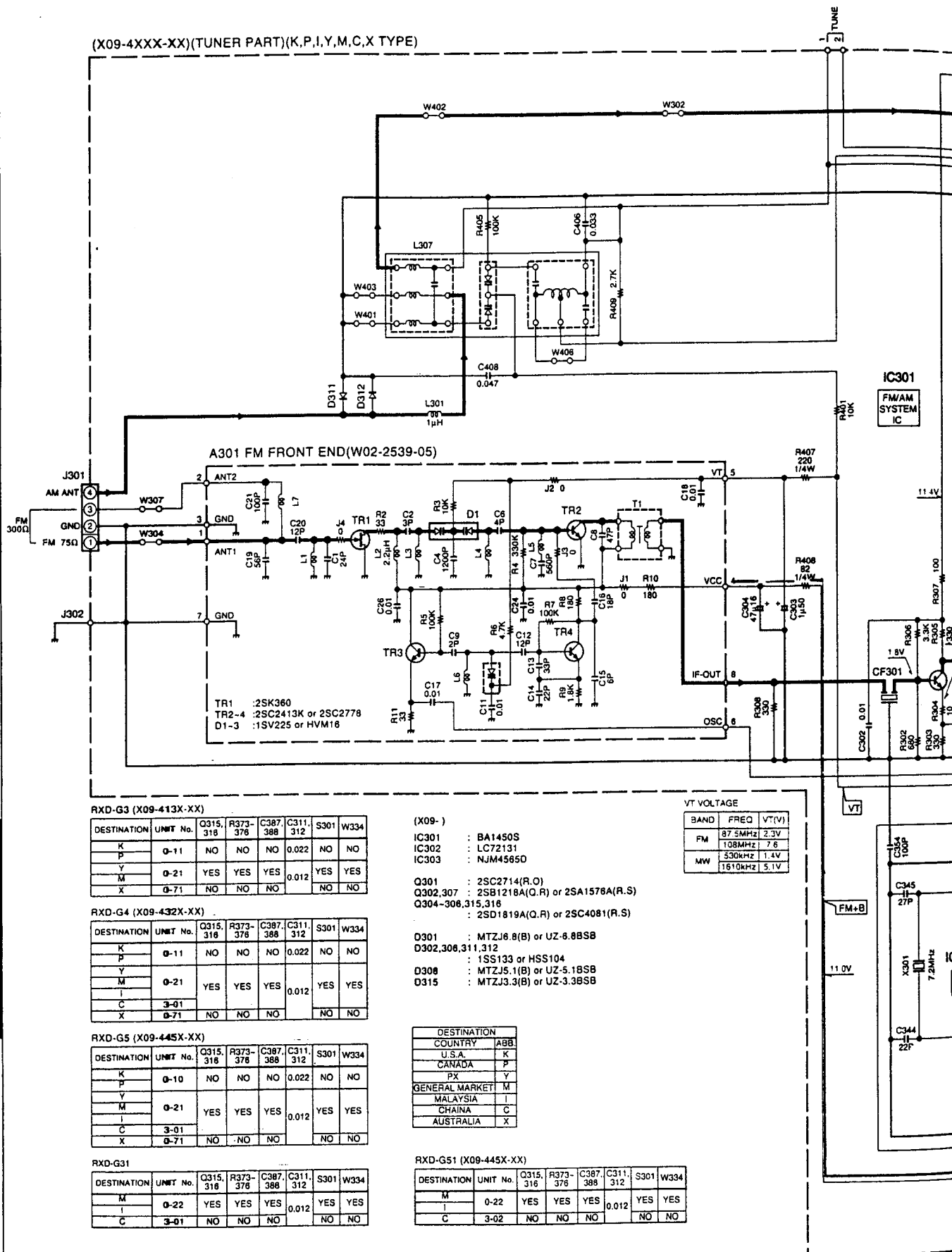
Dimension (Chip resistor)

Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6 ± 0.2	0.8 ± 0.2	0.5 ± 0.1

Rating wattage

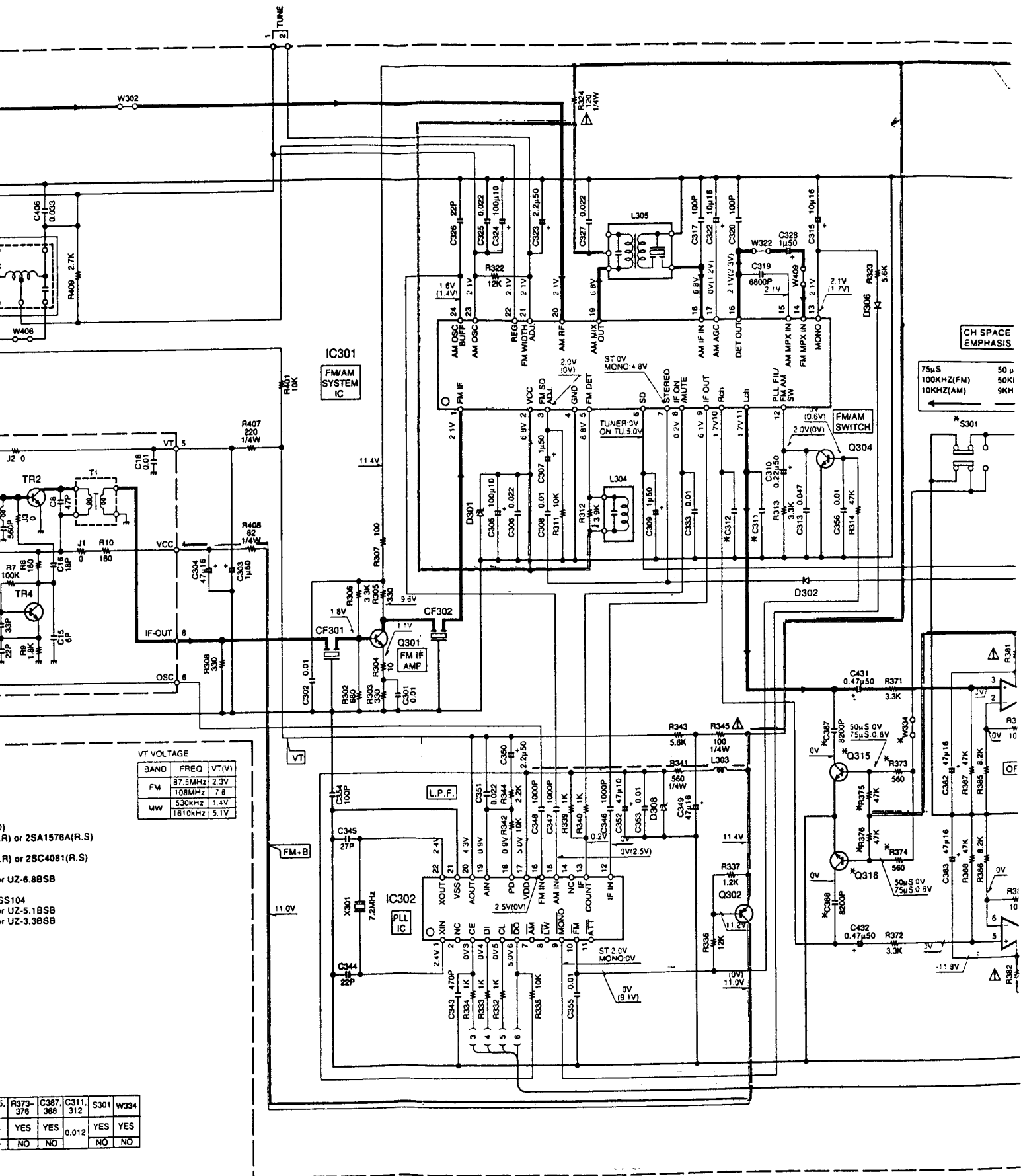
Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

(X09-4XXX-XX)(TUNER PART)(K,P,I,Y,M,C,X TYPE)



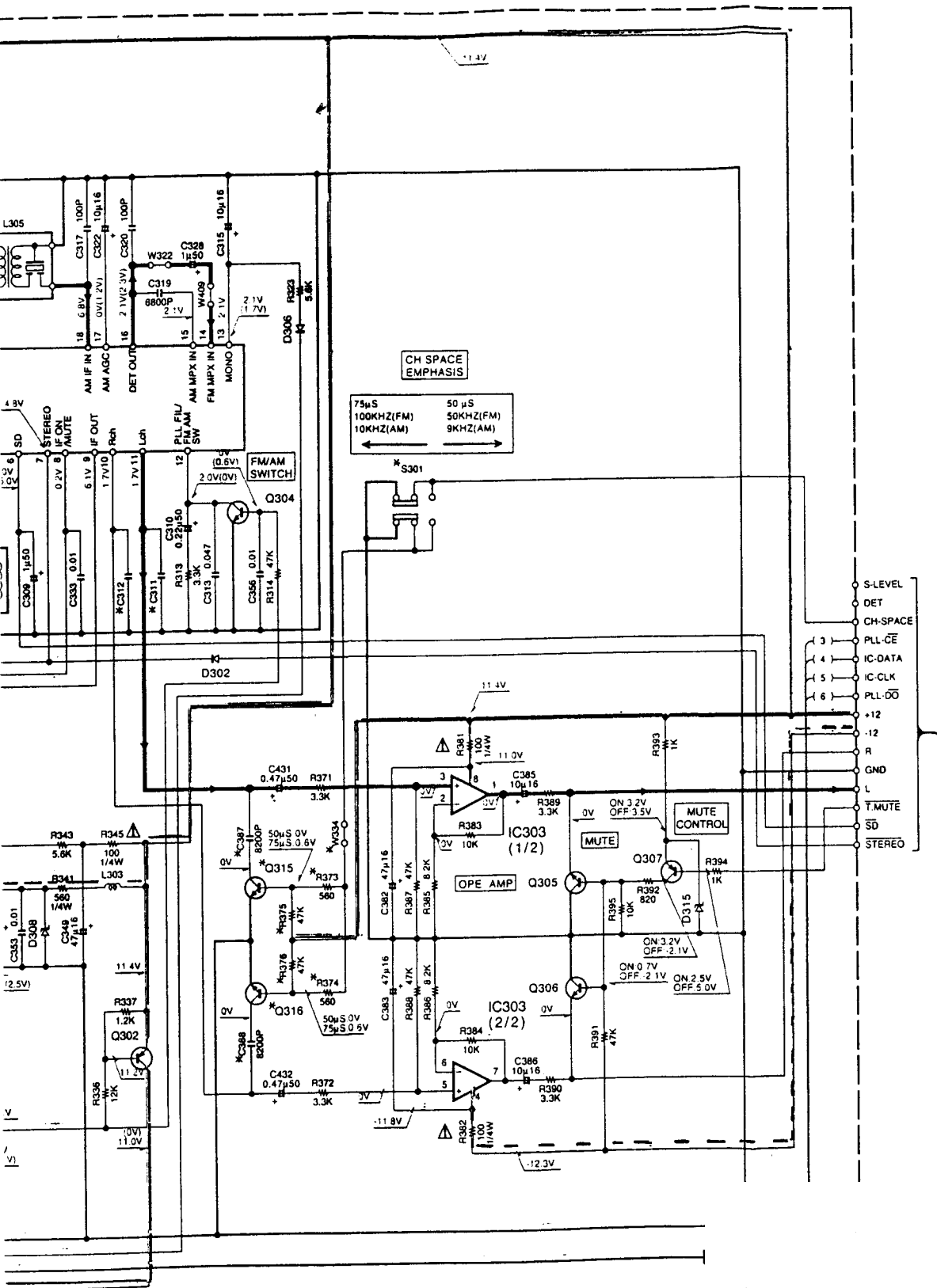
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual real voltmeter as the AM/FM signal generator the list below. The measurement instruments used or on the product measured in the AM mode.

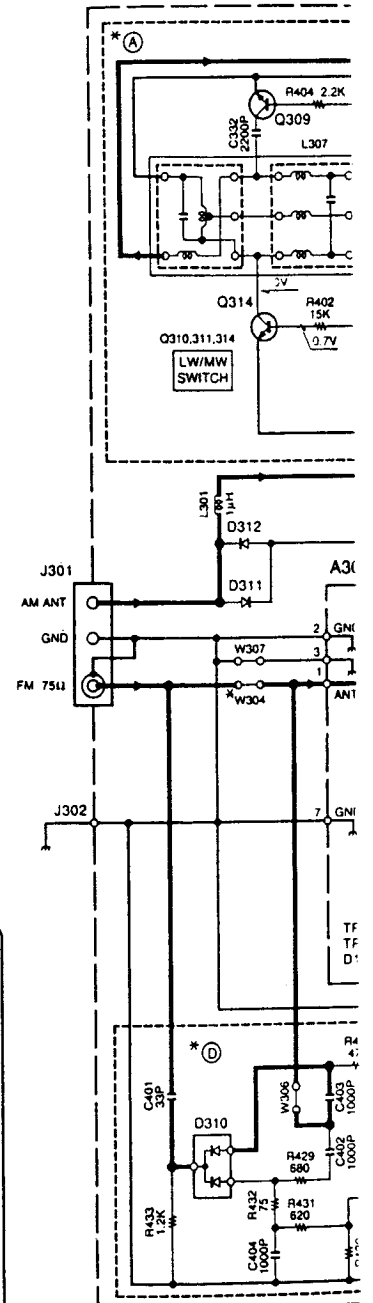


The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading measured in the AM mode.

MODE	CARRIER	MOD	
		FREQUENCY	
FM	98MHz	1kHz	STER
AM	1000(999)kHz	400Hz	MONC



(X09-43XX-XX)(TUNER PART)



RXD-G3 (X09-431X-XX)

DESTINATION	COUNTRY ABB	UNIT No.	A	B	C	D
EUROPE	E	2-71	NO	YES	NO	NO
U.K.	T	0-51	YES	NO	NO	NO

RXD-G4 (X09-432X-XX)

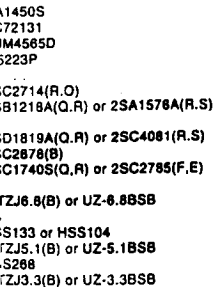
DESTINATION	COUNTRY ABB	UNIT No.	A	B	C	D
EUROPE	E	2-71	NO	YES	YES	YES
U.K.	T	0-51	YES	NO	YES	YES

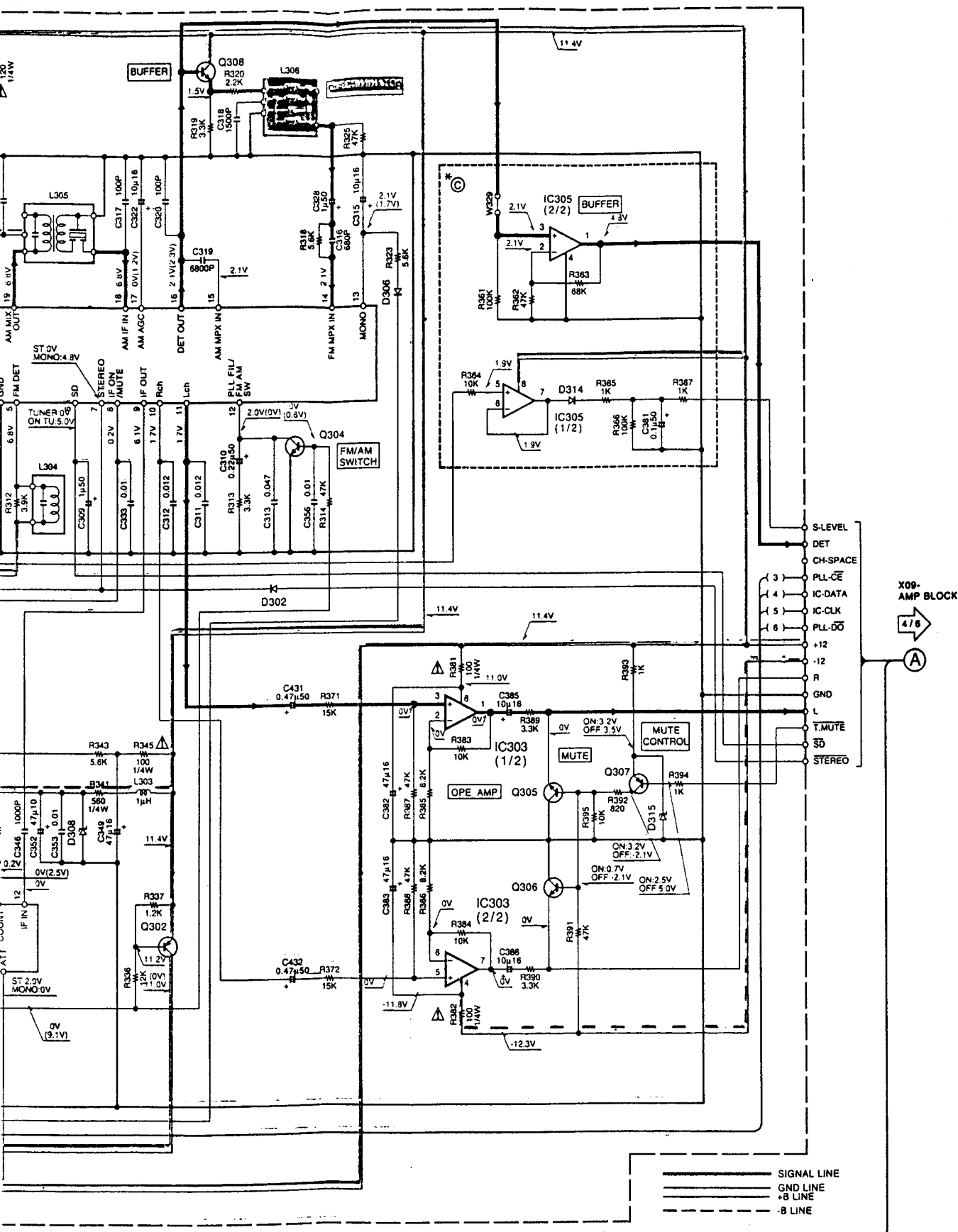
RXD-G5 (X09-445X-XX)

DESTINATION	COUNTRY ABB	UNIT No.	A	B	C	D
EUROPE	E	2-71	NO	YES	YES	YES
U.K.	T	0-51	YES	NO	YES	YES

nce type
shown in
asuring
l reading

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB





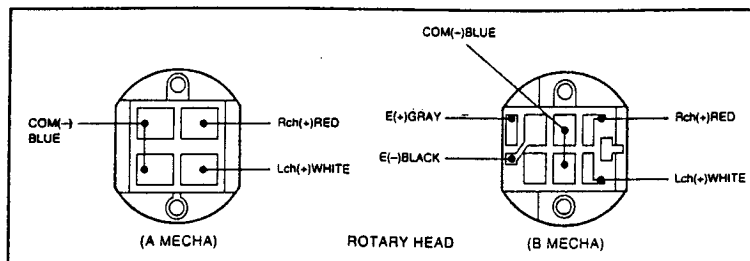
RXD-G3/G4/G5/G31/G51(K)(1/6)

Y39-2300-00

RXD-G3/G4/G5/G31/G51

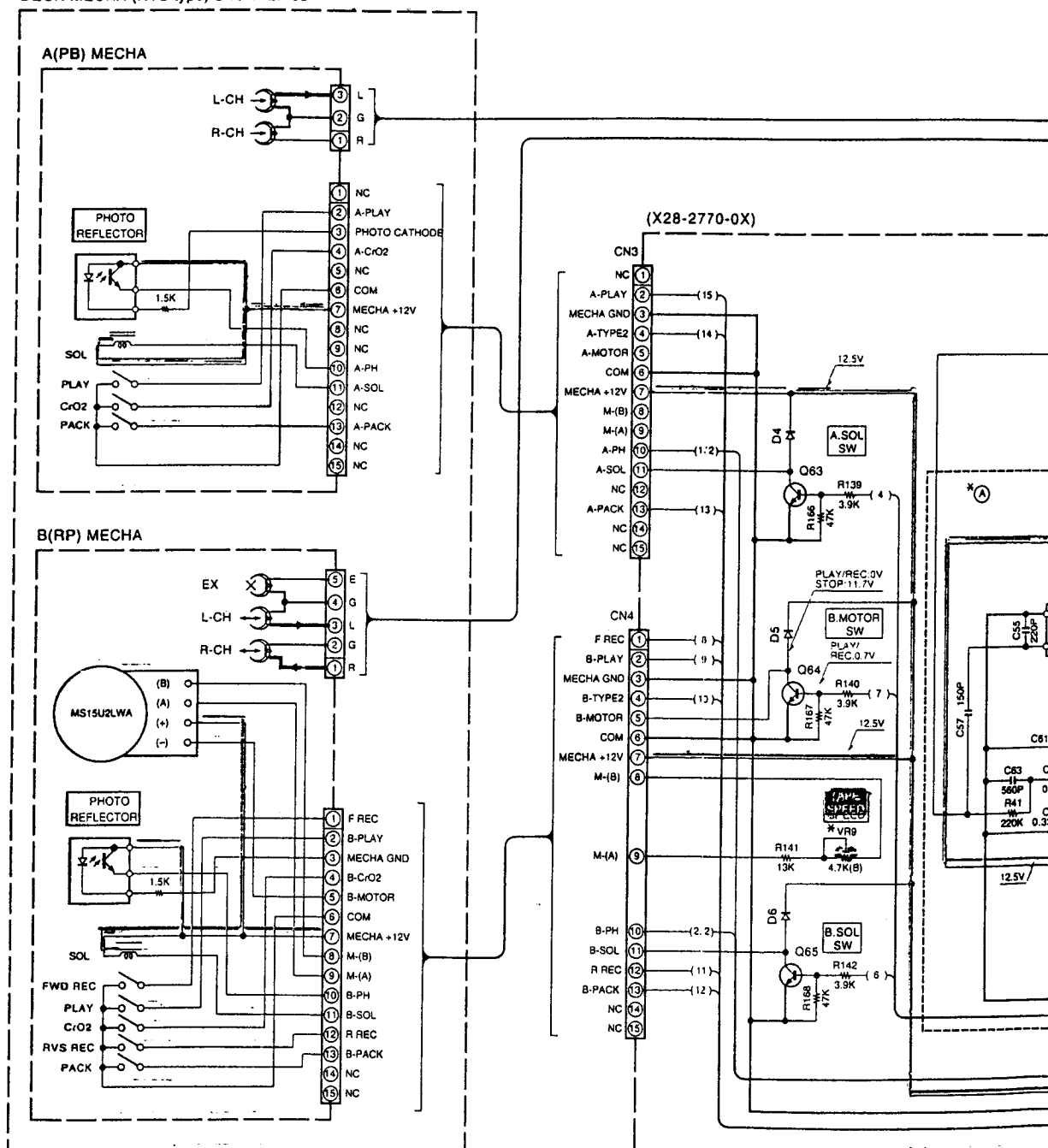
KENWOOD

MODEL NAME	UNIT No.	A	C17, 18	C111, 112	C107	C113	R110	R127	R130, 131	R132, 133	V1
RXD-G3	X28-2770-00	NO	YES	3300P	8200P	2.2u50	YES	82K	5.8	33K	Y
RXD-G4					100				1/4W		
RXD-G5	X28-2770-01	YES	NO	5800P	0.01u	4.7u35	NO	120K	10	22K	I
RXD-G51					100				1/4W		



(X28-
IC1,2
IC3
IC4
IC5
IC6,7
Q1,2,5
Q52,5f
Q54,5e
Q58
Q60
Q63-6
D1,2,4
D7

DECK MECHA (RVS type) D40-1427-08



MODEL NAME	UNIT No.	A	C17, 112	C111, 112	C107	C113	R110	R127	R130, 131	R132, 133	VR5,6	L9	VR9
RXD-G3 RXD-G3T	X28-2770-00	NO	YES	3300P	8200P 100	2.2μ50	YES	82K	5.8 1/4W	33K	YES	L32-0542-05	R12-1819-05
RXD-G4 RXD-G5	X28-2770-01	YES	NO	5800P	0.01μ 100	4.7μ35	NO	120K	10 1/4W	22K	NO	L32-0570-05	R32-0038-05
RXD-G5T													

(X28-)

IC1,2 : TA8125S
 IC3 : HA12182F
 IC4 : μPC1297CA
 IC5 : BA10393
 IC6,7 : BU4094BC

Q1,2,51,61

DTC124ES or UN4212

Q52,56,57,59

2SC2785(F.E) or 2SC1740S(Q.R)

Q54,55 : 2SC1845(F.E)

Q58 : 2SC3940A(R.S)

Q60 : 2SA992(F.E)

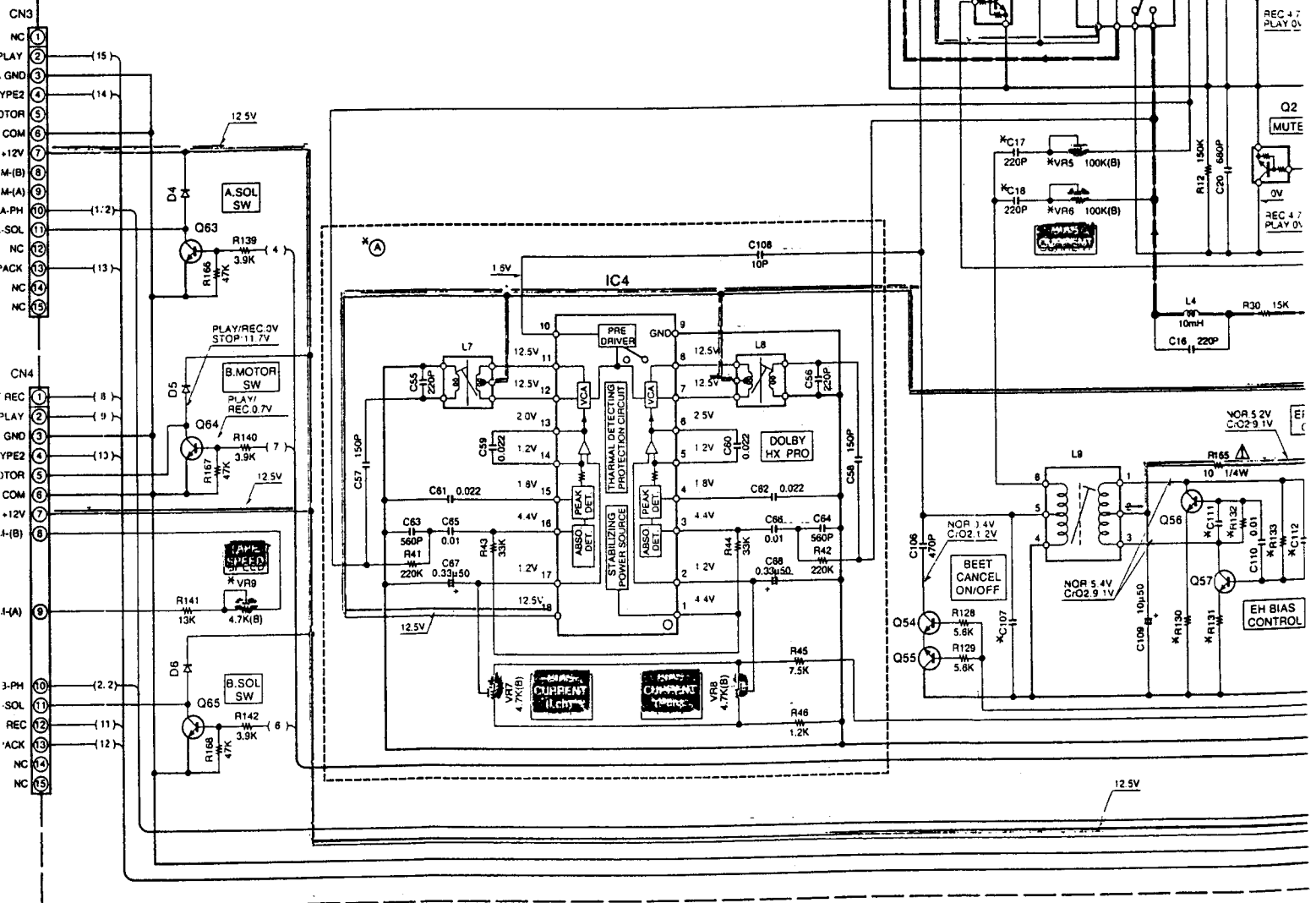
Q63-65 : 2SC3246

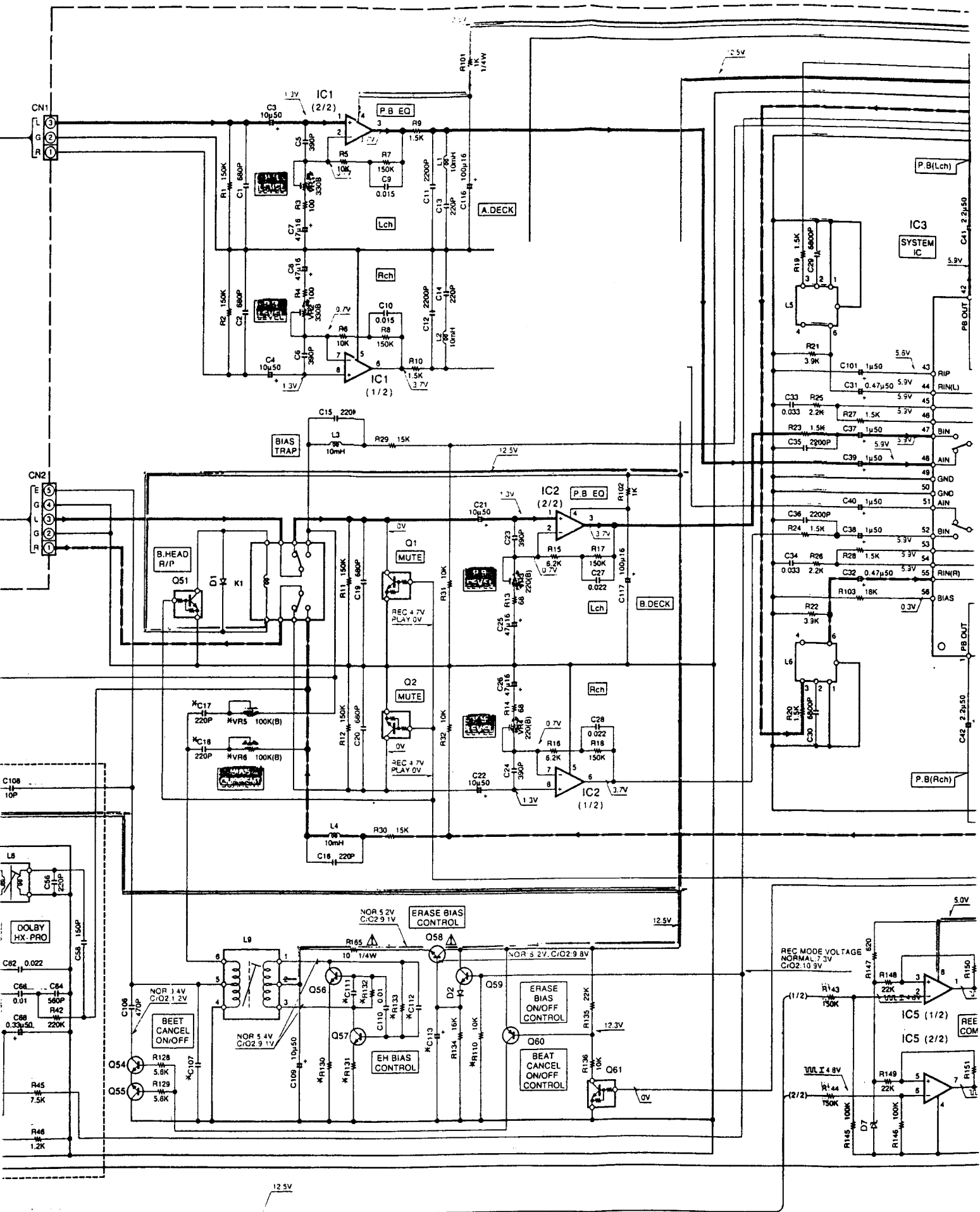
D1,2,4-6 : 1SS133 or HSS104

D7 : UZ-2.7BSB or MTZJ2.7(B)

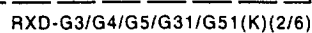
———— RECORDING LINE
 ———— SIGNAL LINE
 ———— GND LINE
 - - - - +B LINE
 - - - - -B LINE

(X28-2770-0X)









A diagram of a 3-pin DIN connector. It consists of a rectangular housing with three pins extending from it. The pins are labeled 'E', 'C', and 'G' from left to right.

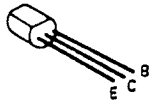
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

2SA1286
2SA954
2SA992
2SC1845
2SC2003

2SC2878
2SC3246
2SC3940A
2SD863



2SB1375



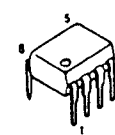
2SD1893



2SB1559
2SD2389



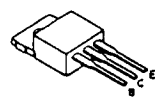
NJM2100D
NJM4565D



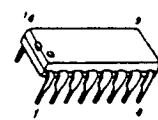
2SD1894



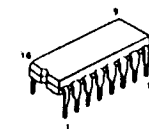
2SB1565



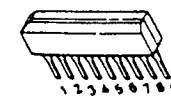
XRU4052BC



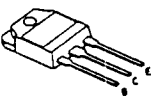
TC74HC166AP



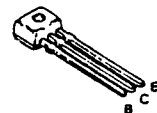
TA8125S
TA8409S



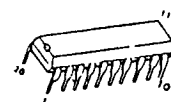
2SB1624
2SD2493



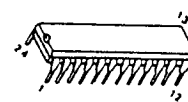
2SA1175
2SC2785



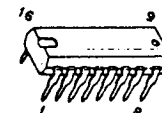
TDA7309



BA1450S

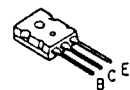


BU4094BC
SAA6579



DTC124EU
2SA1576
2SB1218A2
2SC2714
2SC4081
2SD1819A

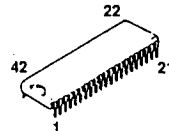
2SC4137F50



BA10393
M5223P



LA2785L
TDA7431

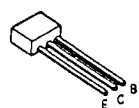


DTA124ES
DTC124ES
UN4112
2SA933S
2SC1740S

2SB1370



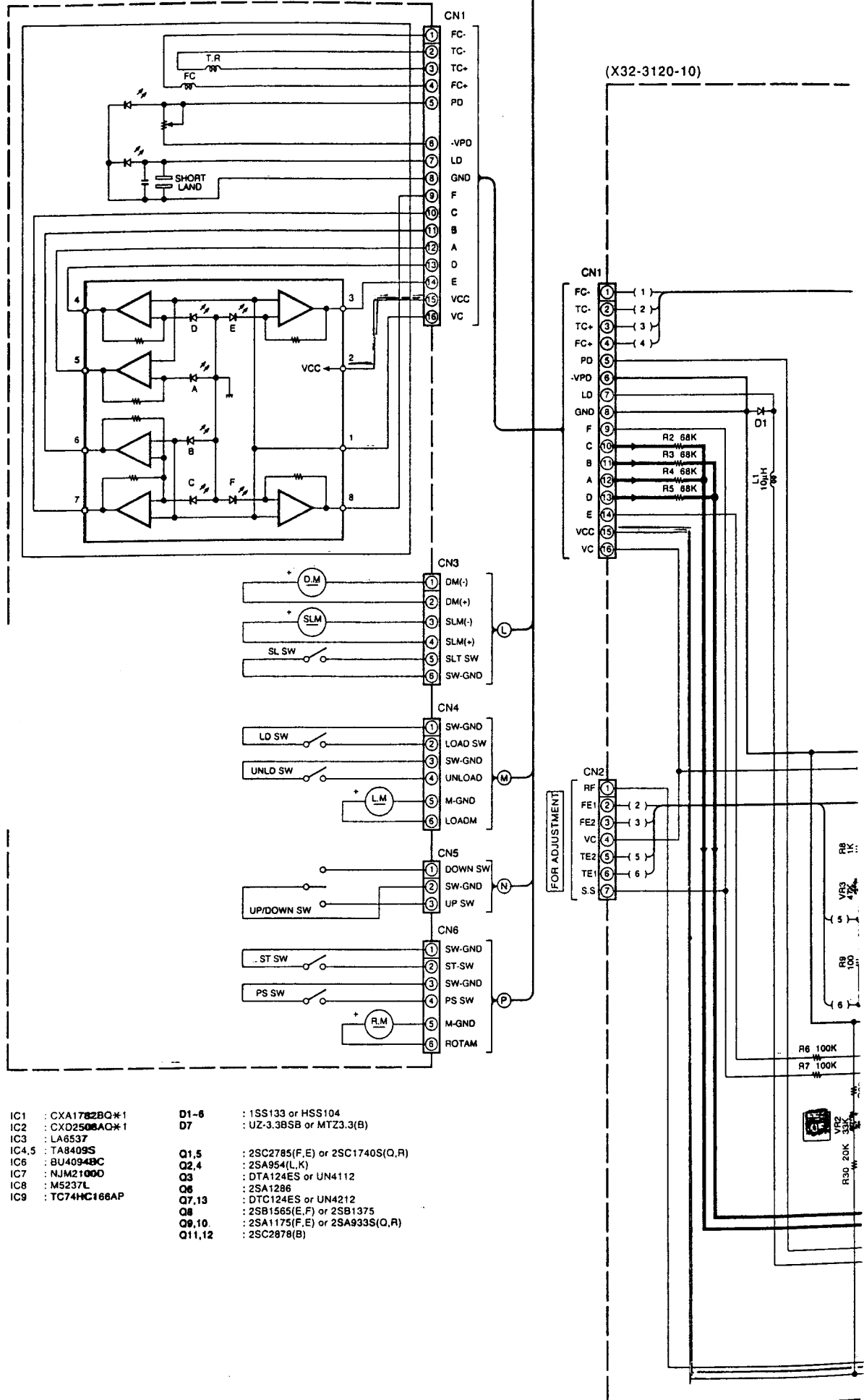
UN4212



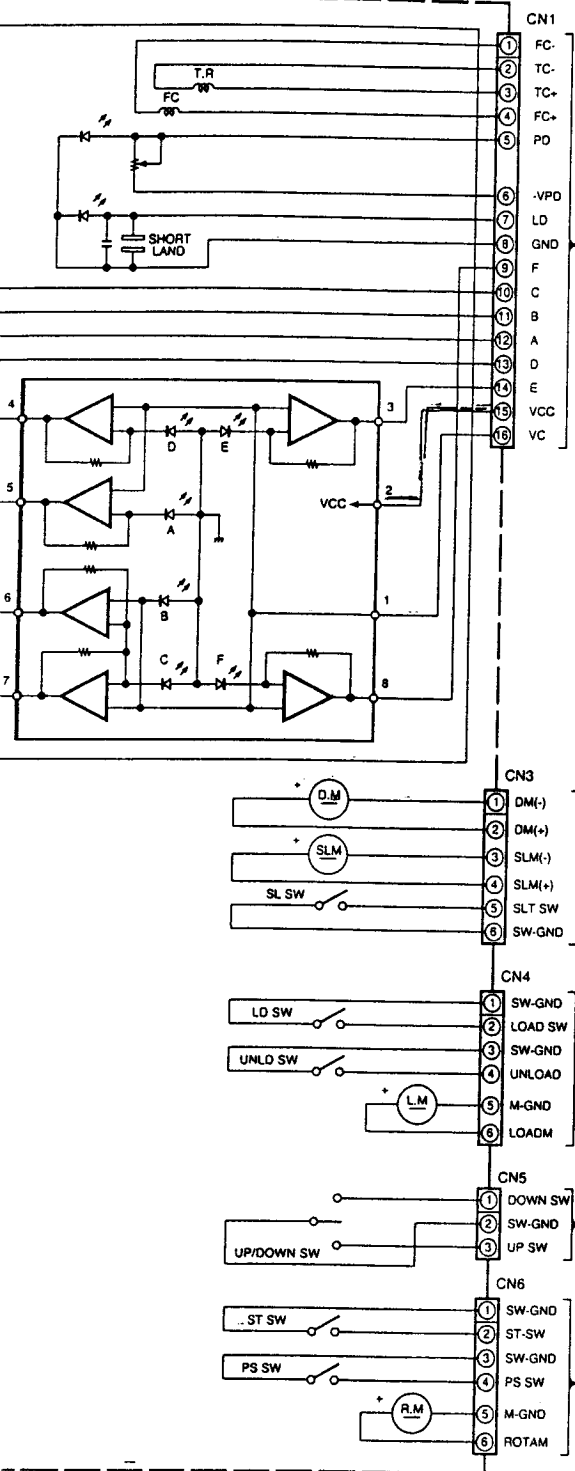
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CD CHANGER MECHA. (D40-1455-X5)

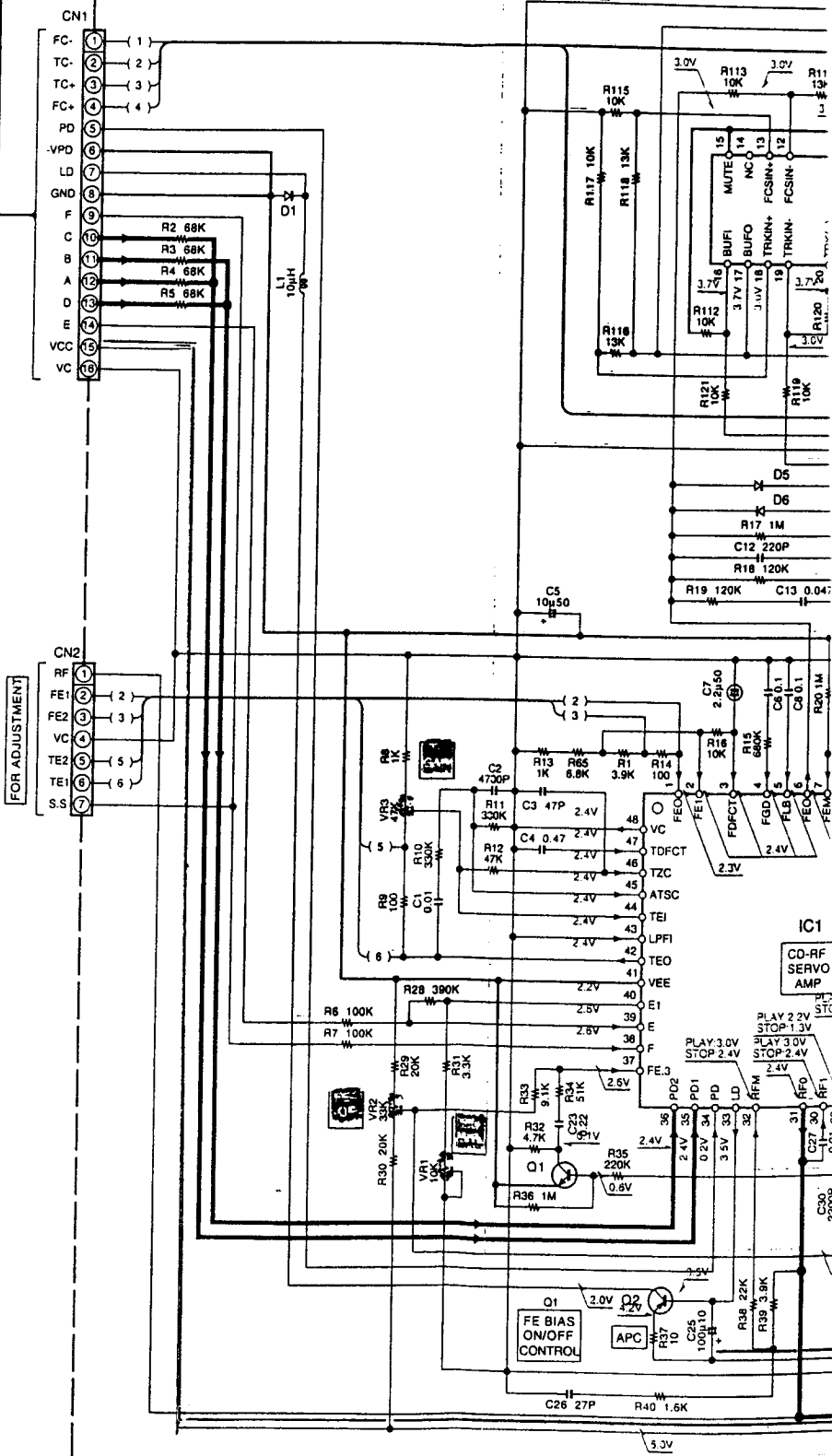


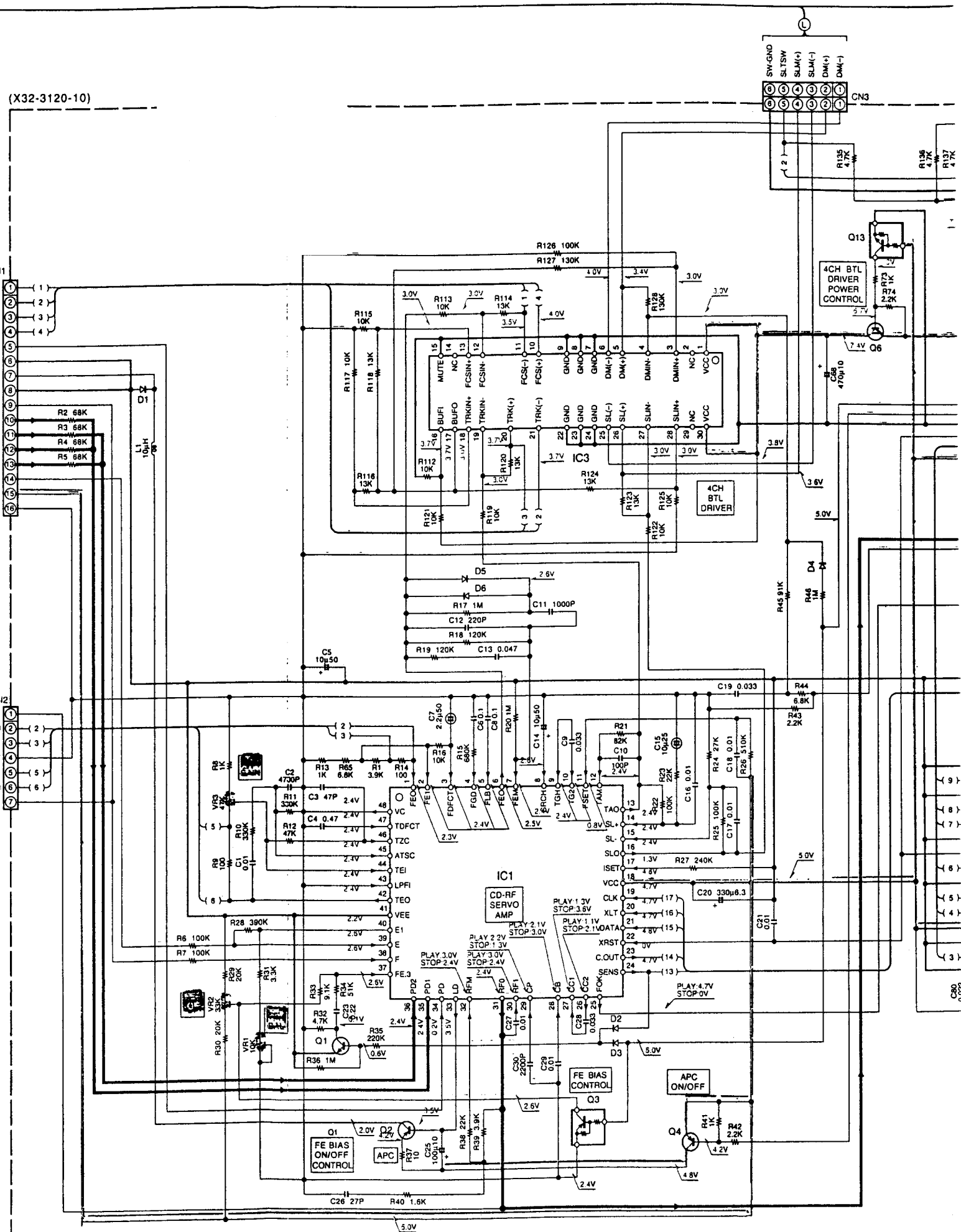
NGER MECHA.
(5-5X5)

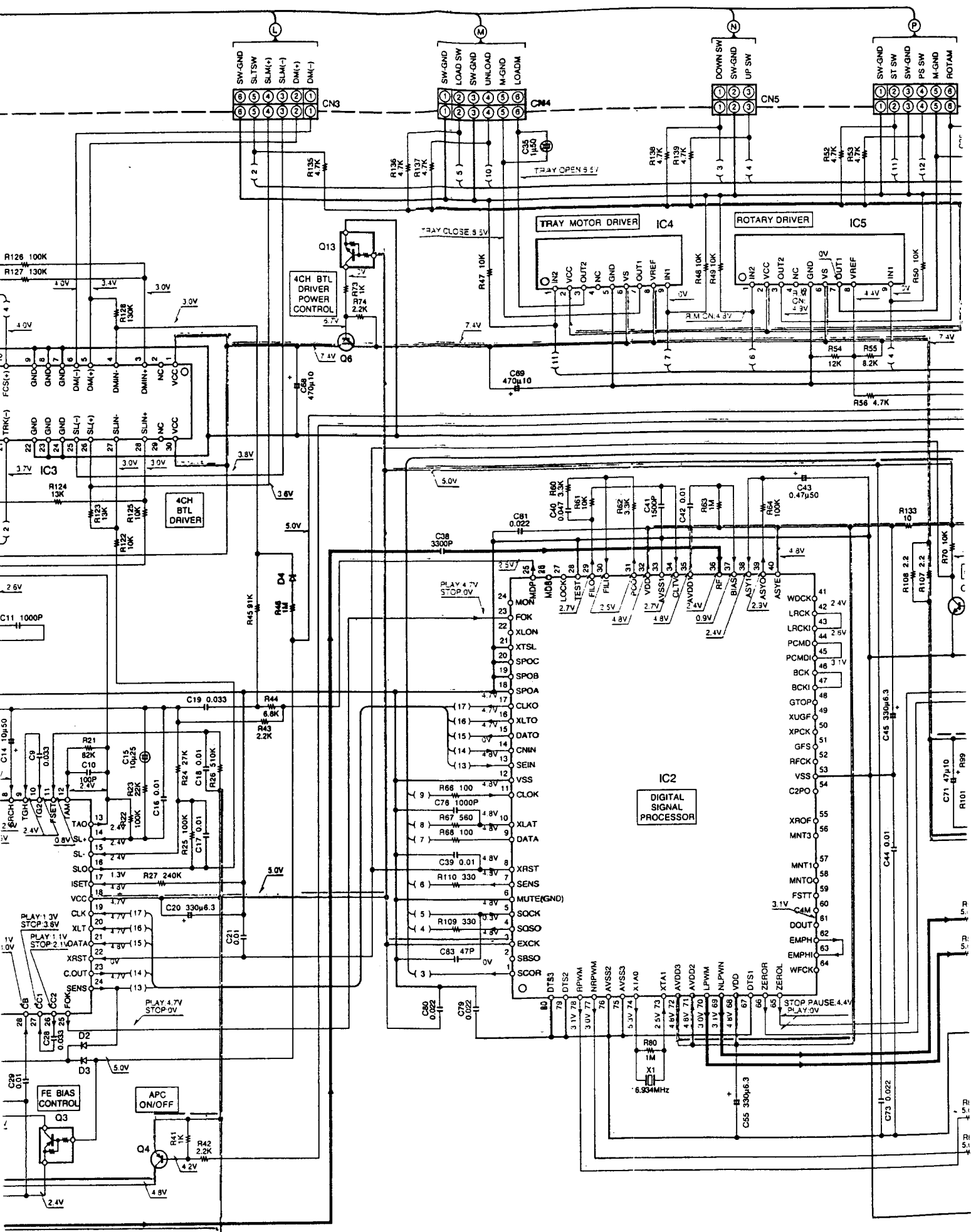


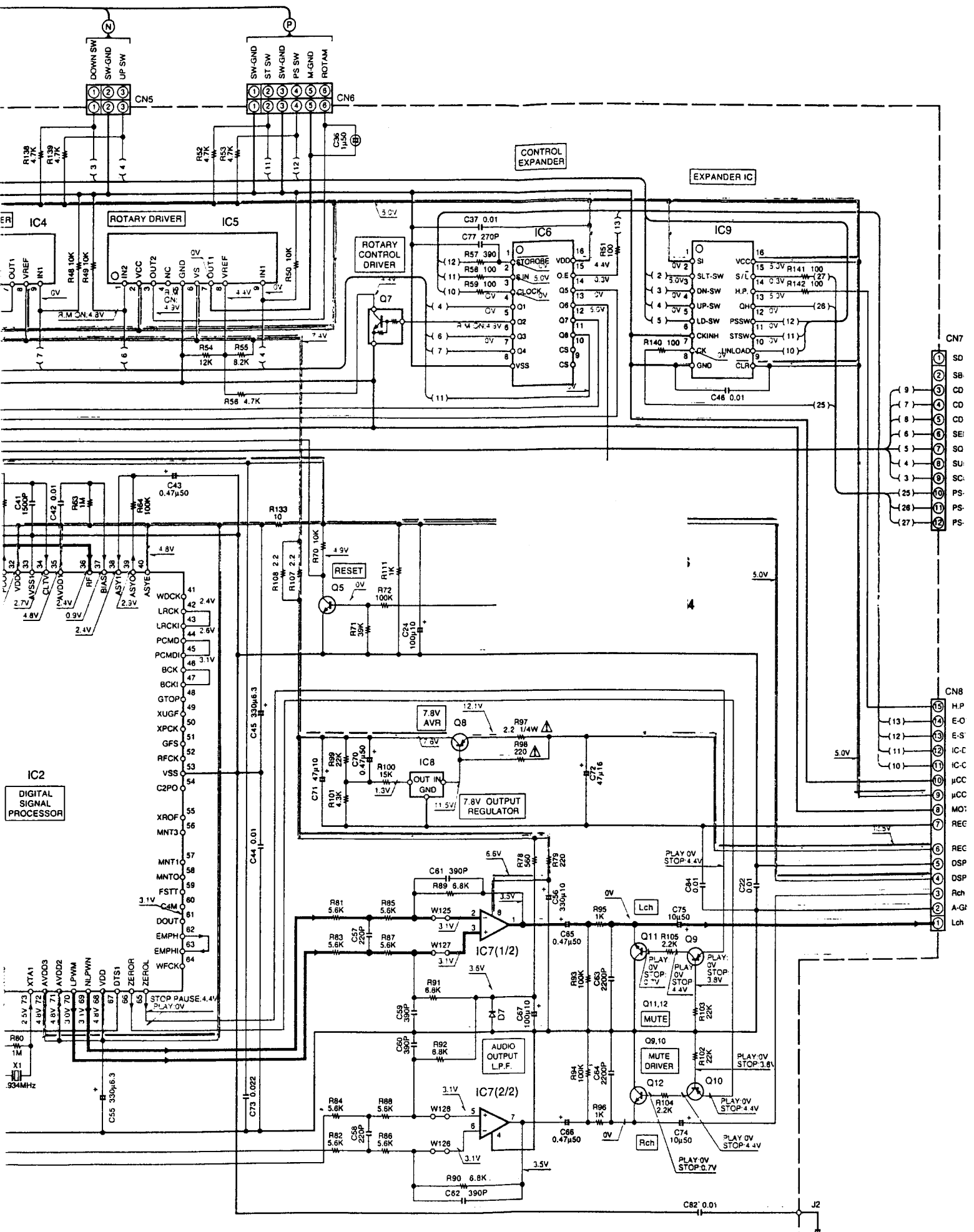
82B0X-1	D1-6	: 1SS133 or HSS104
08A0X-1	D7	: UZ-3.38SB or MTZ3.3(B)
VS	Q1,5	: 2SC2785(F,E) or 2SC1740S(Q,R)
18C	Q2,4	: 2SA954(L,K)
30D	Q3	: DTA124ES or UN4112
	Q6	: 2SA1286
C166AP	Q7,13	: DTC124ES or UN4212
	Q8	: 2SB1565(E,F) or 2SB1375
	Q9,10	: 2SA1175(F,E) or 2SA933S(Q,R)
	Q11,12	: 2SC2878(B)

(X32-3120-10)





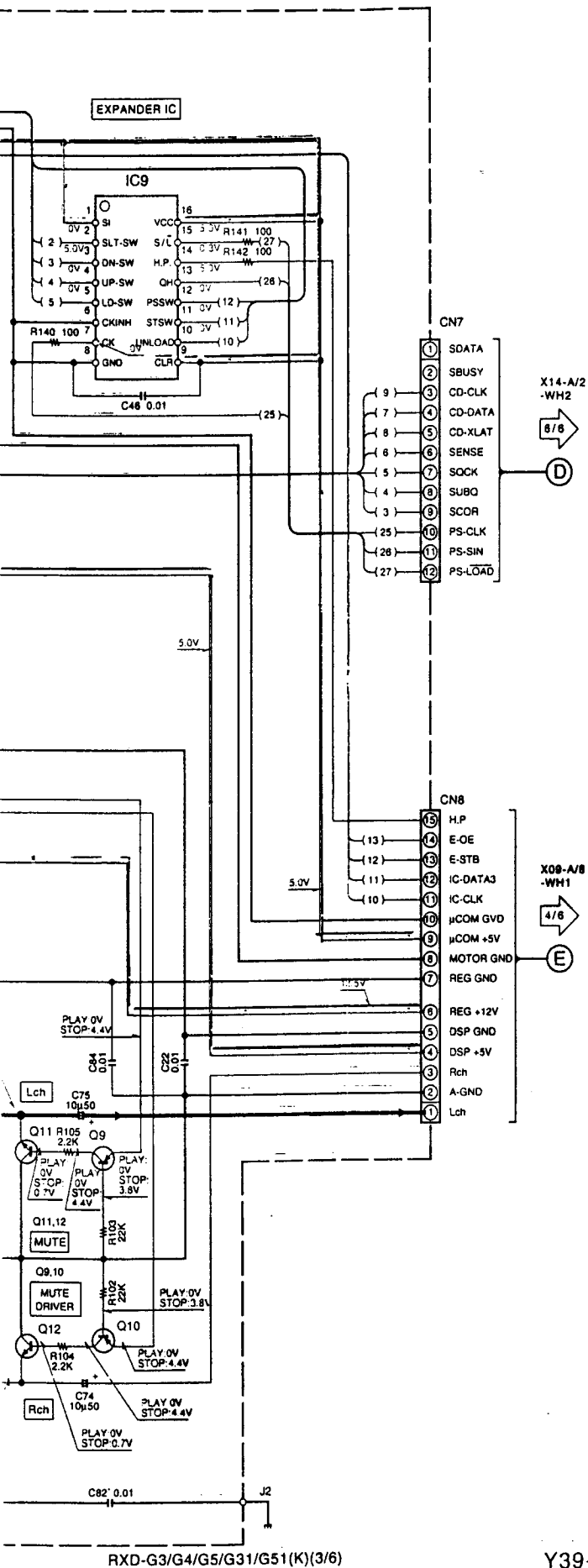


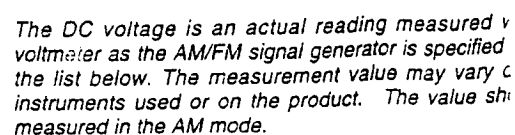
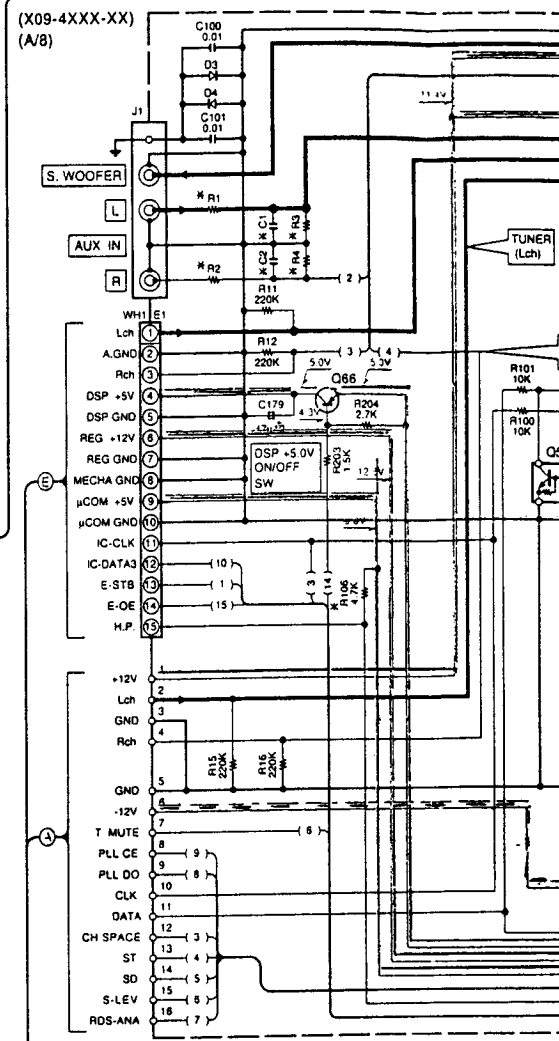


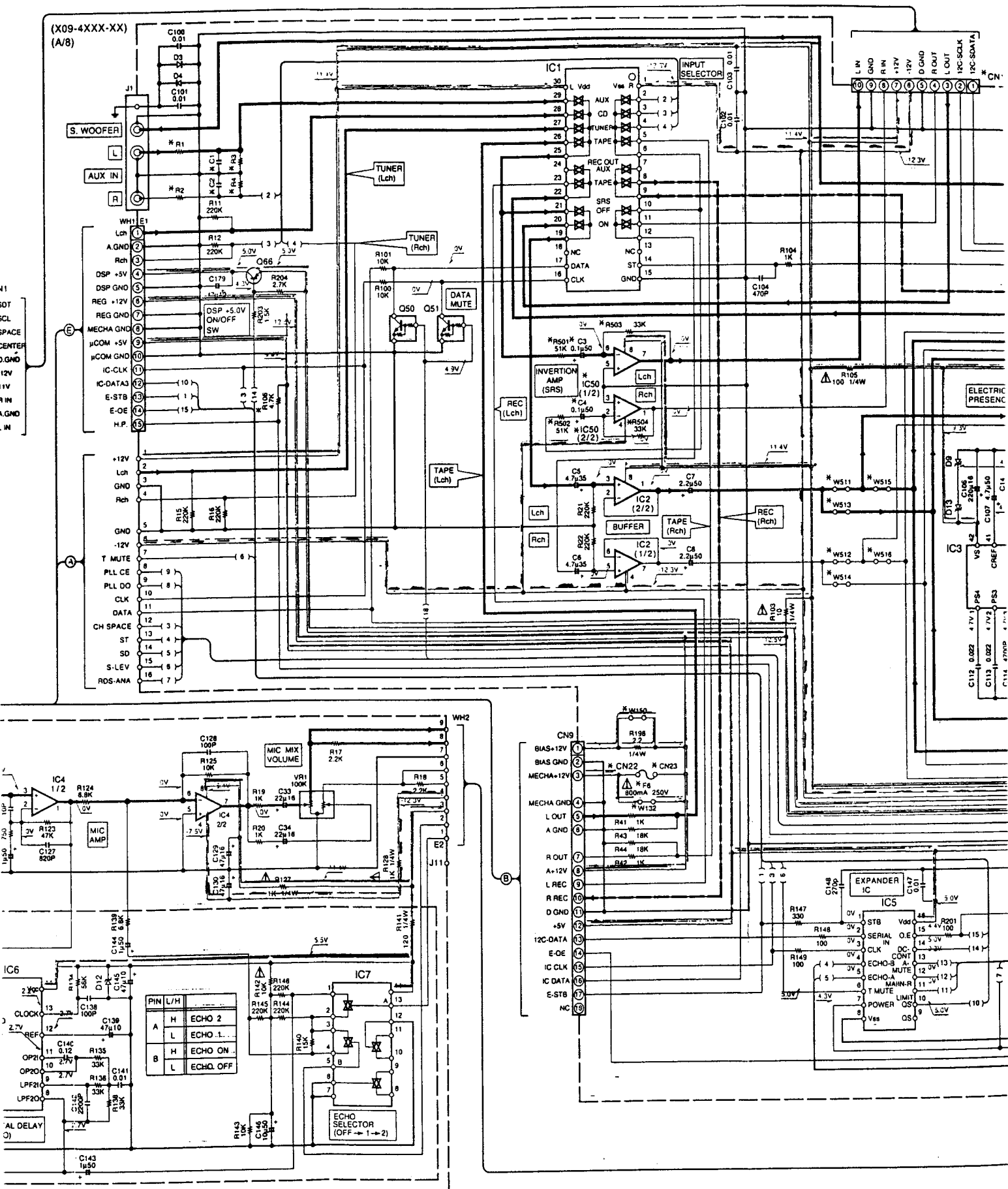
RXD-G3/G4/G5/G31/G51(K)(3/6)

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current (resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in () is the voltage measured at the moment of STOP.



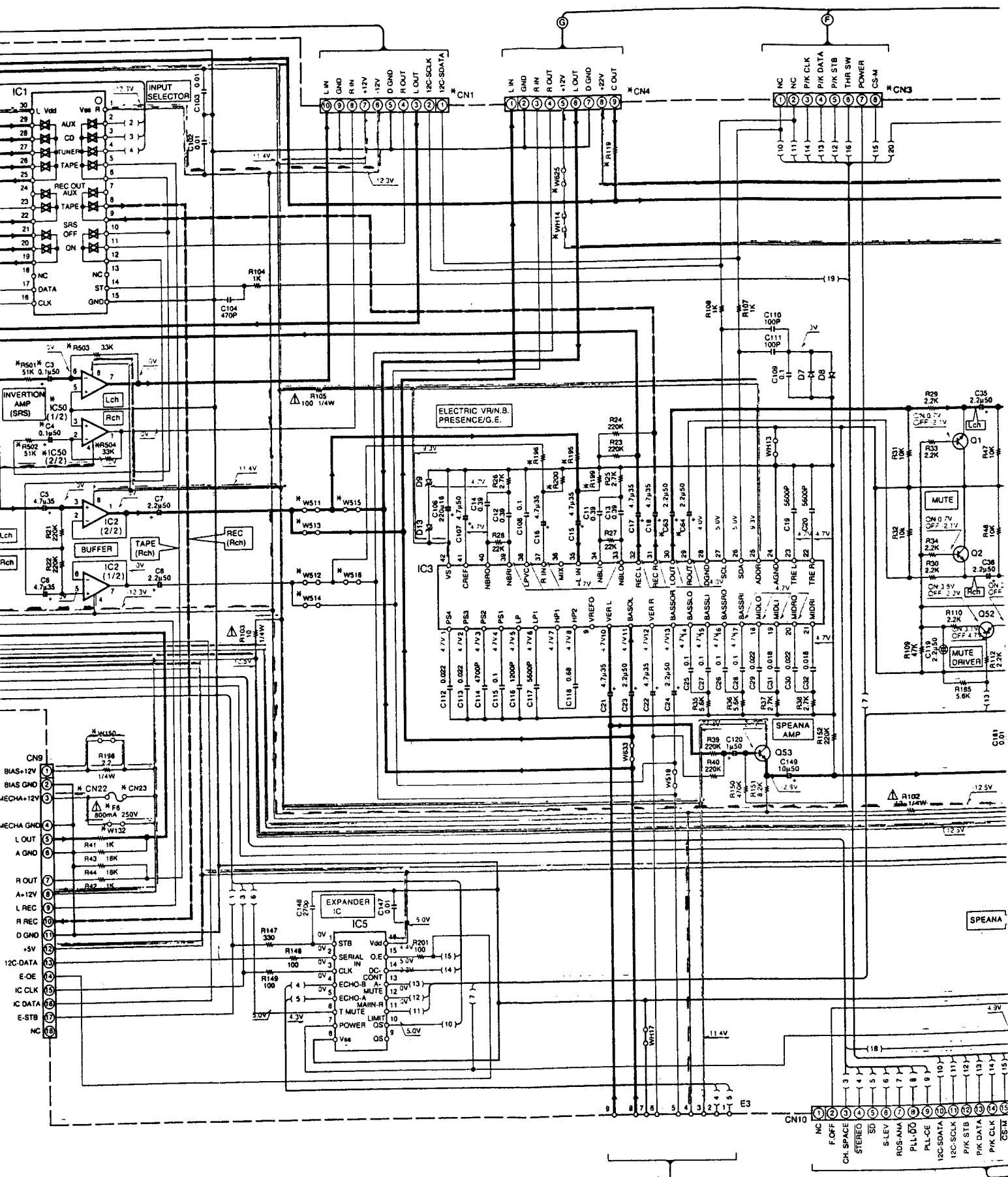




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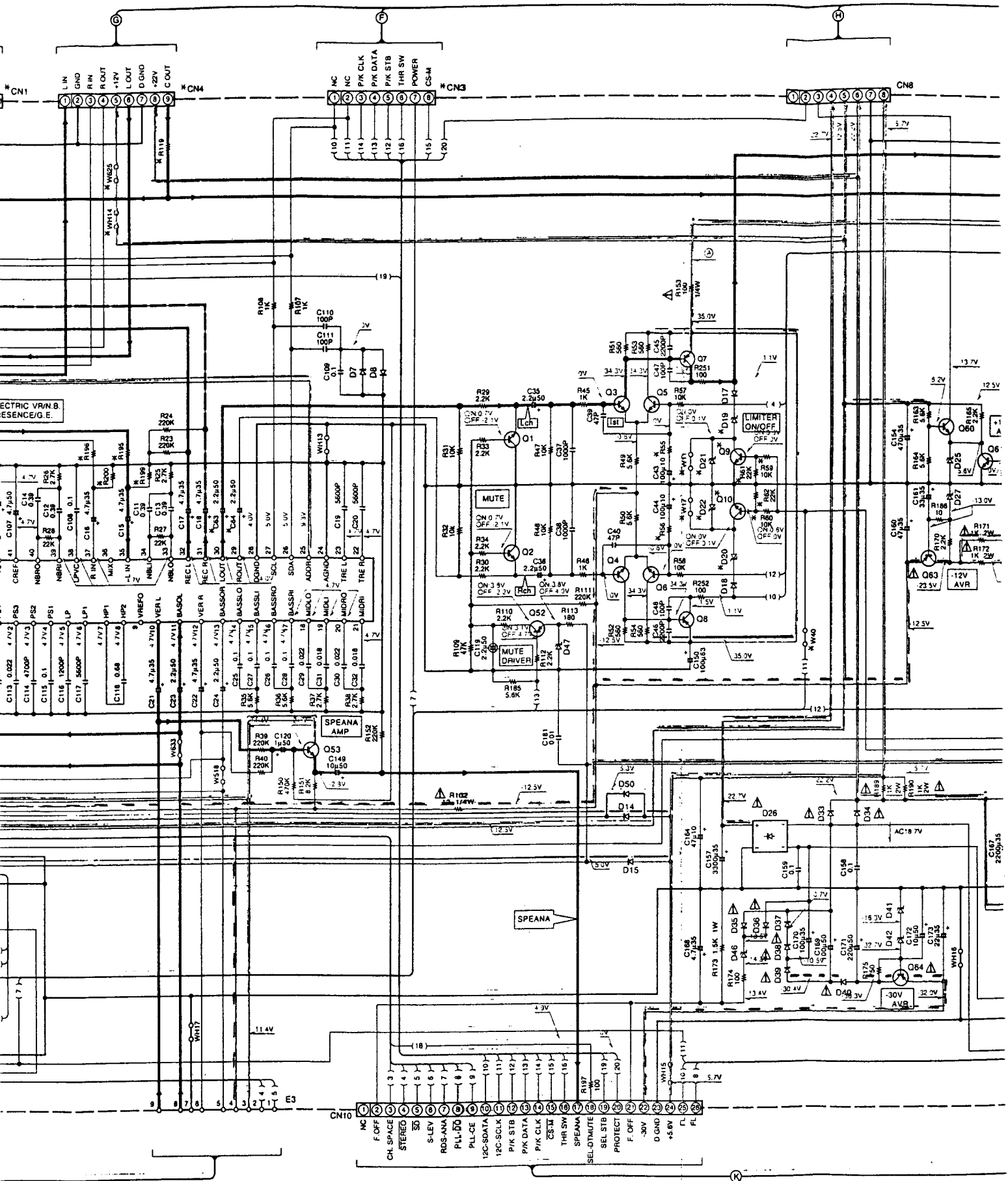
The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading measured in the AM mode.

MODE	CARRIER	MODULATION	
		FREQUENCY	DEVIATION
FM	98MHz	1kHz	STEREO 67.5kHz 7.5
AM	1000(999)kHz	400Hz	MONO 30% MOD

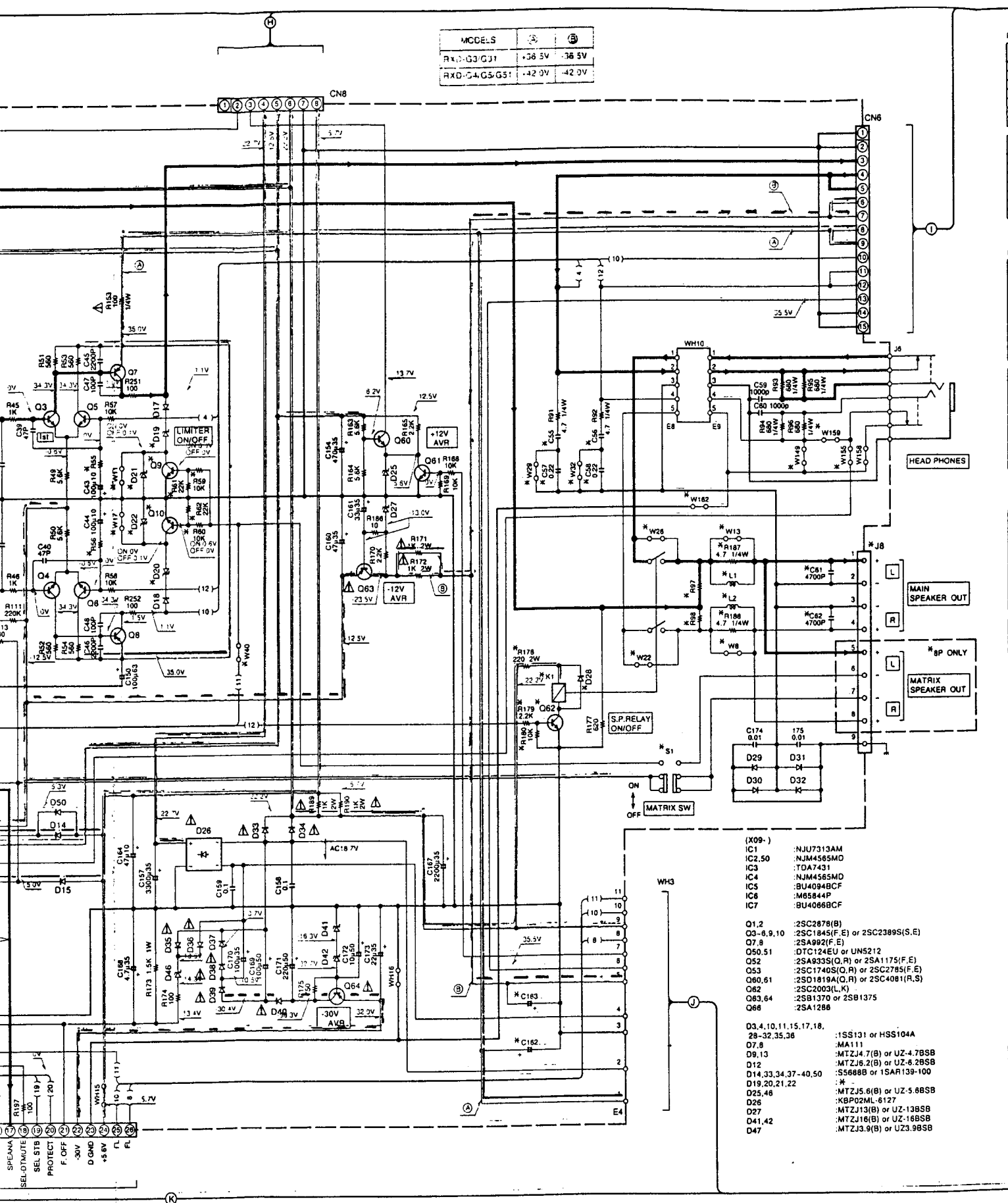


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measuring
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MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB



ANT INPUT	
z 7.5kHz(Pilot)	60dB
	60dB





03,4,10,11,15,17,18,
28-32,35,36
07,8 :1SS131 or HSS104A
:MA111
09,13 :MTZJ4.7(B) or UZ-4.7BSB
012 :MTZJ6.2(B) or UZ-6.2BSB
014,33,34,37-40,50 :S5688B or 1SAR139-100
019,20,21,22 :*-
025,46 :MTZJ5.6(B) or UZ-5.6BSB
026 :KBP02ML-6127
027 :MTZJ13(B) or UZ-13BSB
041,42 :MTZJ16(B) or UZ-16BSB
047 :MTZJ3.9(B) or UZ3.9BSB

DESTINATION	
COUNTRY	ABB
U.S.A.	X
CANADA	P
2X	Y
GENERAL MARKET	M
MALAYSIA	I
CHINA	C
AUSTRALIA	X
EUROPE	E
U.K.	T

KENWOOD

X09-A/8
-CN8

4/8

(H)

X09-A/8
-CN3

4/8

(F)

X09-A/8
-CN4

4/8

(G)

X09-A/8
-CN6

4/8

(I)

RXD-G3 (X09-431X-XX)

DESTINATION	UNIT No.	Q13,14	Q15,16	Q59	F1,2	F3
K	0-11	2SD2493	2SB1624	2SD1894	5A	4A
P				125V		125V
Y	0-21					
M						
X	0-71	2SD1893		T4A	L 250V	T2.5A
E	2-71					L 250V
T	0-51					

RXD-G4 (X09-432X-XX)

DESTINATION	UNIT No.	Q13,14	Q15,16	Q59	F1,2	F3
K	0-11	2SD2389	2SB1559	2SD1894	5A	4A
P				125V		125V
Y	0-21	2SD2493	2SB1624	2SD1893	T4A	T2.5A
M						
C	3-01					
I						
X	0-71	2SD1893			L 250V	L 250V
E	2-71					
T	0-51					

RXD-G5 (X09-445X-XX)

DESTINATION	UNIT No.	Q13,14	Q15,16	Q59	F1,2	F3
K	0-10	2SD2389	2SB1559	2SD1894	5A	4A
P				125V		125V
Y	0-21	2SD2493	2SB1624	2SD1893	T4A	T2.5A
M						
C	3-01					
I						
X	0-71	2SD1893			L 250V	L 250V
E	2-71					
T	0-51					

RXD-G31 (X09-431X-XX)

DESTINATION	UNIT No.	Q13,14	Q15,16	Q59	F1,2	F3
M	0-22	2SD2493	2SB1624	2SD1893	T4A	T2.5A
I						
C	3-01					

RXD-G51 (X09-445X-XX)

DESTINATION	UNIT No.	Q13,14	Q15,16	Q59	F1,2	F3
M	0-22	2SD2493	2SB1624	2SD1893	T4A	T2.5A
I						
C	3-02					

DESTINATION	ABB.
COUNTRY	
U.S.A.	K
CANADA	P
PX	Y
GENERAL MARKET	M
MALAYSIA	I
CHINA	C
AUSTRALIA	X
EUROPE	E
U.K.	T

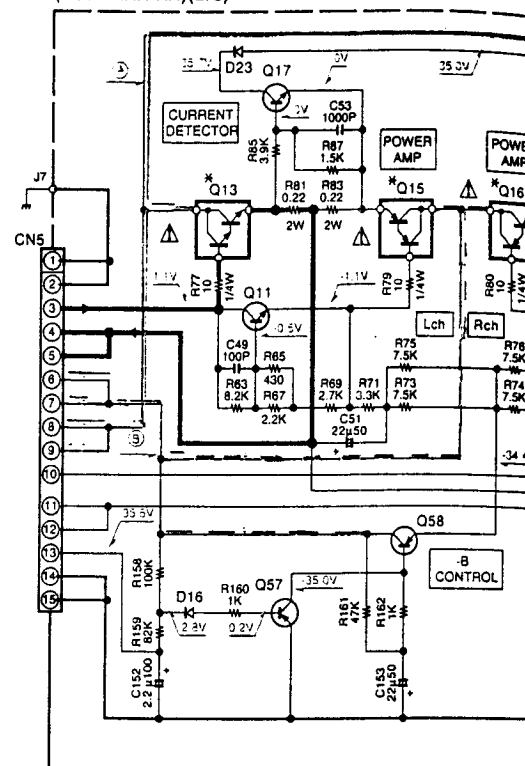
X09-A/8
-WH3

4/8

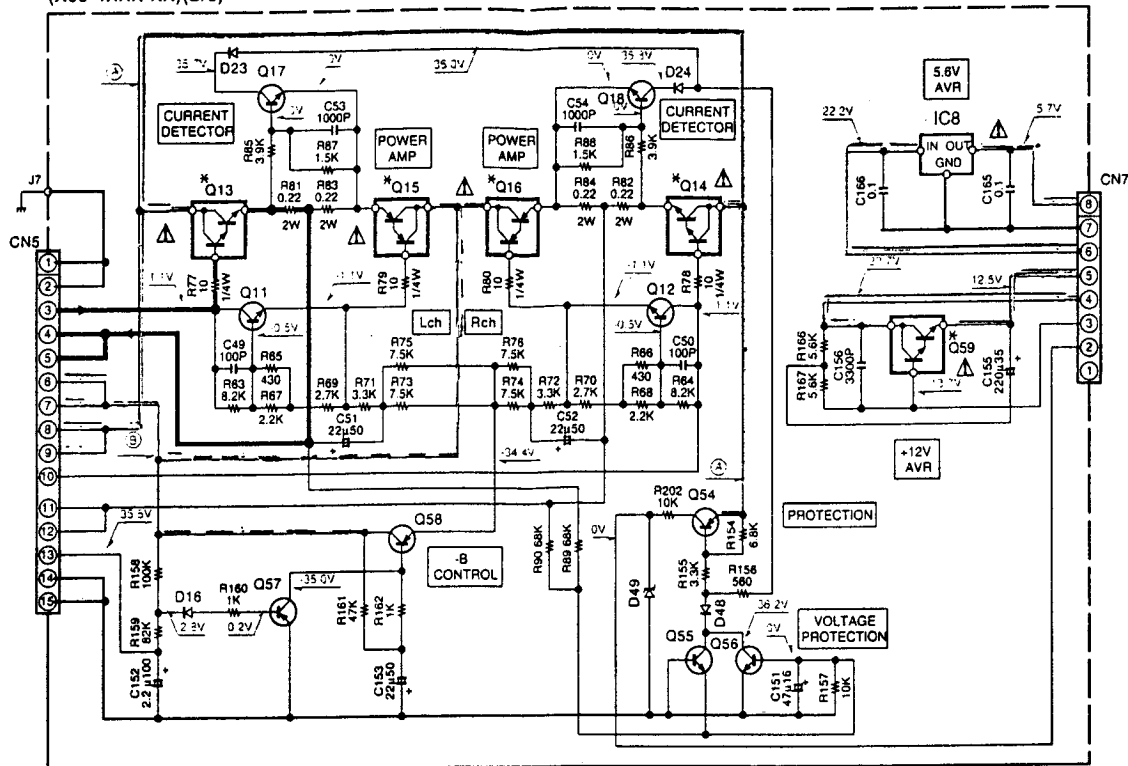
(J)

MODELS	(A)	(B)
RXD-G3/G31	+36.5V	+36.5V
RXD-G4/G5/G51	+42.0V	+42.0V

(X09-4XXX-XX)(B/8)



(X09-4XXX-XX)(B/8)



Sch TEST P

Cch TEST P

S DA
S CL
PRO CL
PRO DA
PRO S
THR S
POW REL
CS MU

Q59	F1.2	F3
2SD1894	5A 125V	4A 125V
2SD1893	T4A L 250V	T2.5A L 250V

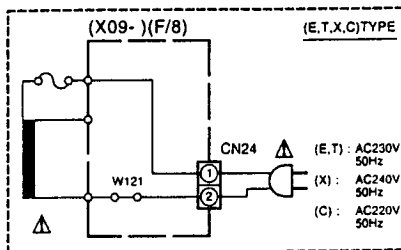
Q59	F1.2	F3
2SD1894	6A 125V	4A 125V
2SD1893	T4A L 250V	T2.5A L 250V

Q59	F1.2	F3
2SD1894	6A 125V	4A 125V
2SD1893	T4A L 250V	T2.5A L 250V

Q59	F1.2	F3
2SD1893	T4A L 250V	T2.5A L 250V

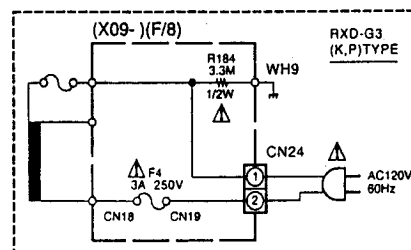
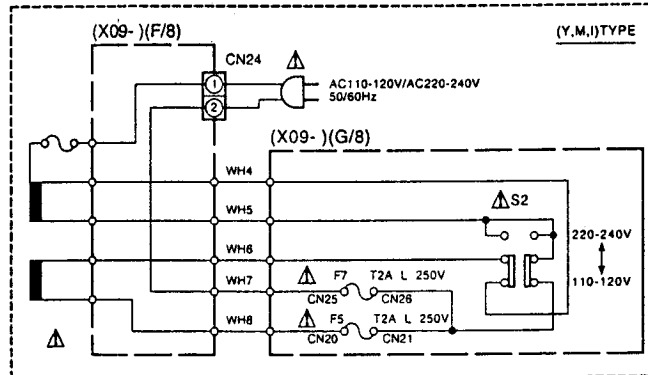
Q59	F1.2	F3
2SD1893	T4A L 250V	T2.5A L 250V

A	B
+36.5V	-36.5V
+42.0V	-42.0V



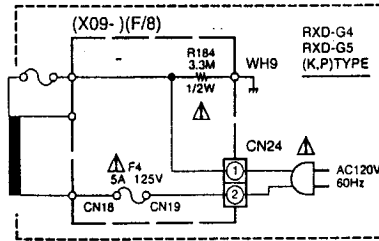
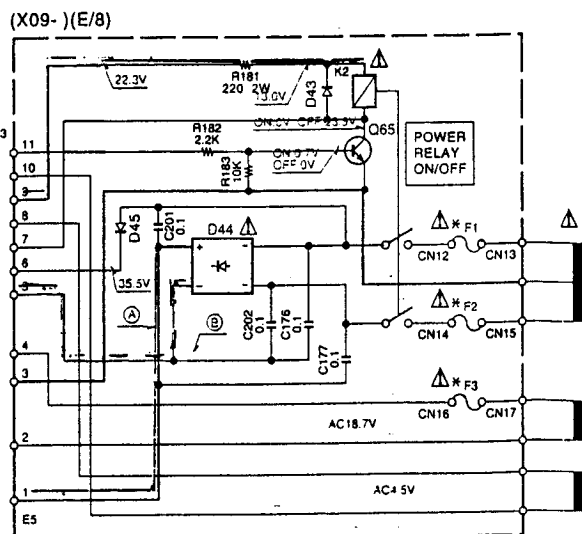
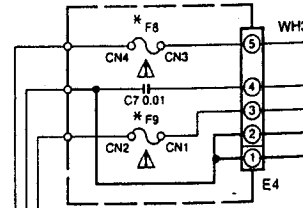
(X09-) IC8 :TA78057S
Q11,12 :2SC4137F50(V,W)
Q13,14 : *
Q15,16 : *
Q17,18,55,56,85 :2SC2003(L,K)
Q54,57 :2SA933S(Q,R) or 2SA1175(F,E)
Q58 :2SA945(L,K)
Q59 : *

D18,23,24,43,48 :1SS131 or HSS104A
D44 :D3BA20F03 or RBV-402LFA
D45 :S5688B or ISR139-100
D49 :MTZJ5.1(B) or UZ-5.1BSB

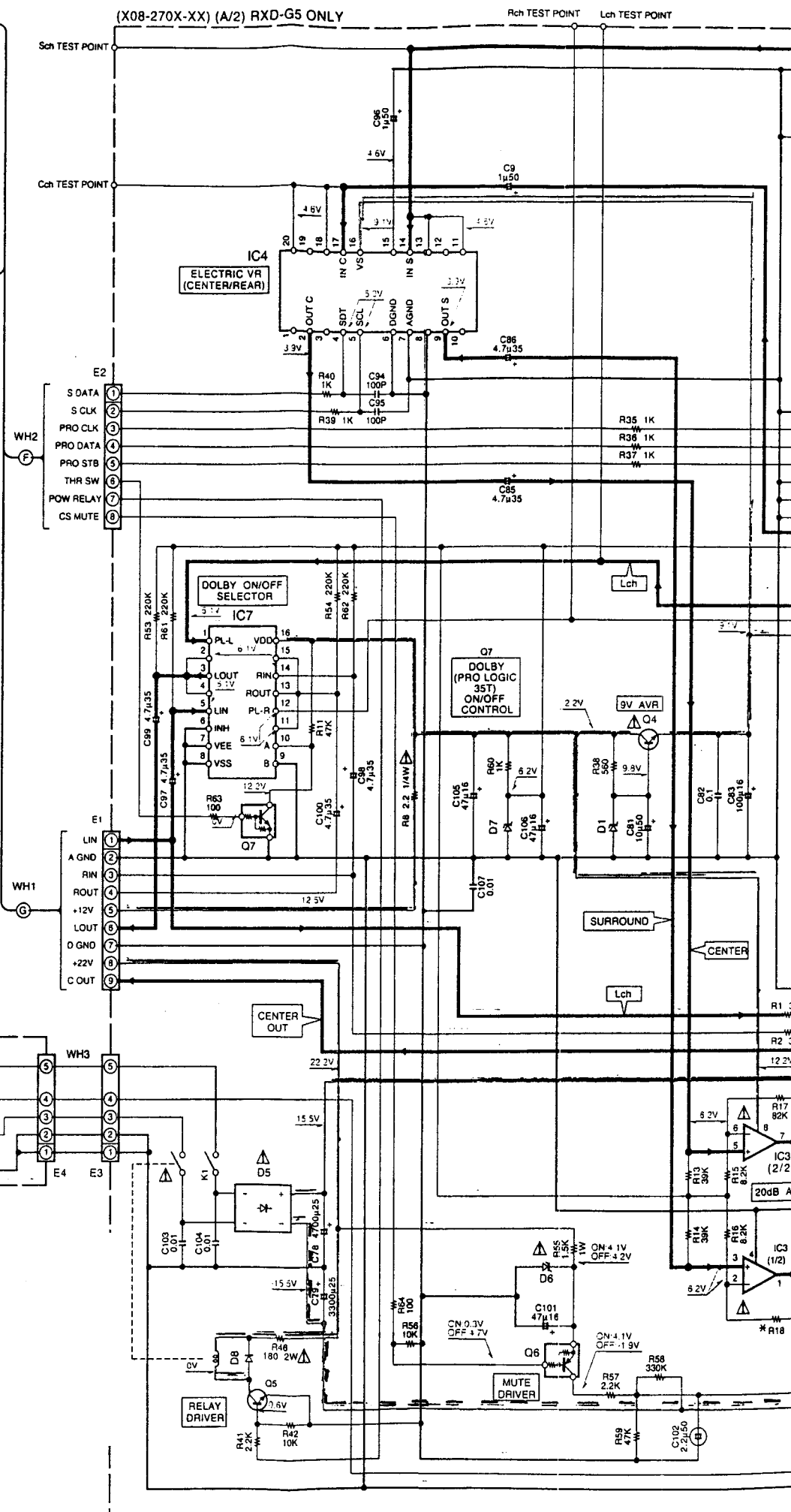
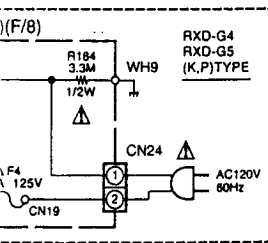


(X08-)(B/2)

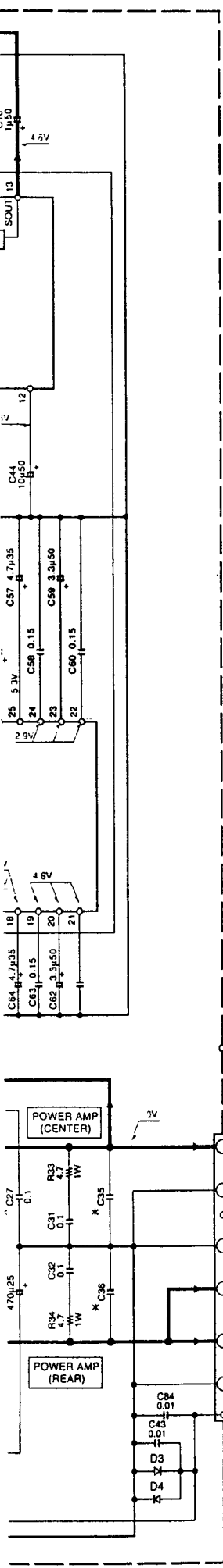
RXD-G5 ONLY



LI
A GN
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ROL
+12V
LOL
D GN
+22V
C OU





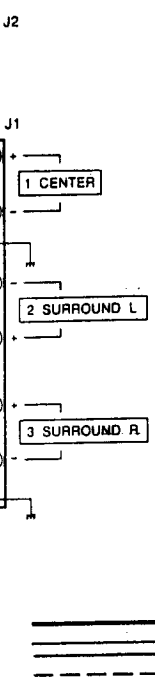
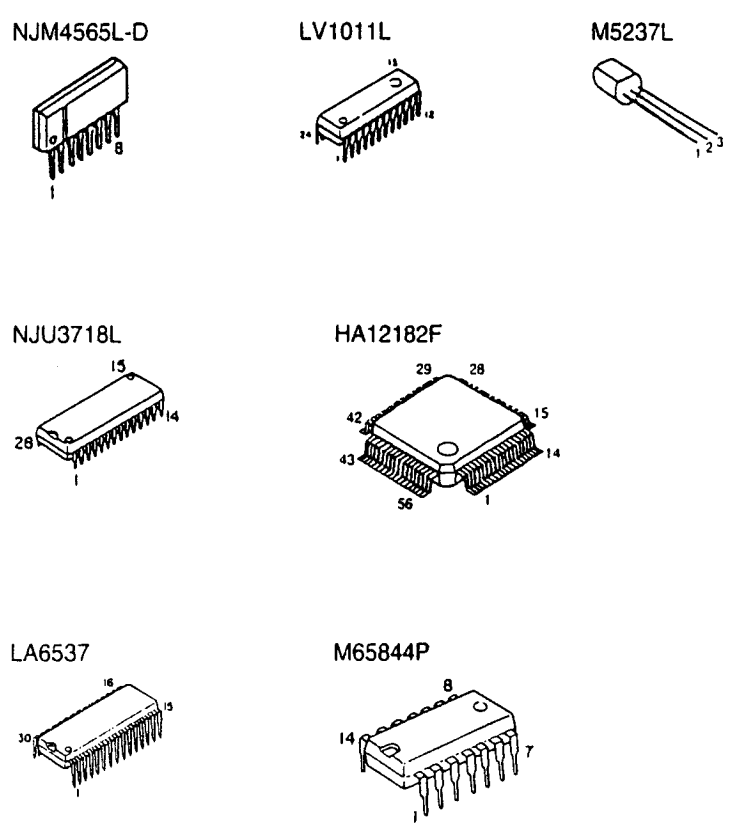


- (X08-2702-70) (A/2)
- IC1 : LA2785L
 - IC2 : LV1011L
 - IC3 : NJM4565L-D
 - IC4 : TDA7309
 - IC5,6 : TDA2050V
 - IC7 : XR4052BC
- Q1,2 : 2SC2878(B)
- Q4 : 2SC3940A(R,S) or 2SD863(E,F)
- Q5 : 2SC2003(L,K)
- Q6 : DTA113ZS or UN4119
- Q7 : DTC124ES or UN4212
- D1 : MTZJ10(B) or UZ-108SB
- D3,4,8 : 1SS131 or HSS104A
- D5 : B3SBA20F03 or RBV-402LFA
- D6 : MTZJ3.9(B) or UZ-3.98SB
- D7 : MTZ6.2(B) or UZ-6.2BSB
- RXD-G5(X08-)
- | DESTINATION | UNIT No. | C27 | C35, 36 | R18 | F8,9 |
|----------------|----------|-------------|---------|-------|------------|
| COUNTRY | ABB | | | | |
| U.S.A. | K | X08-2700-11 | NO | 4700P | 75K |
| CANADA | P | | | | 4A 125V |
| PX | Y | | | | |
| GENERAL MARKET | M | | | | |
| MALAYSIA | I | | | | |
| CHINA | C | X08-2702-70 | YES | 8200P | 68K |
| AUSTRALIA | X | | | | T4A L 250V |
| U.K. | T | | | | |
| EUROPE | E | | | | |

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚡ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.



SIGNAL LINE
GND LINE
+B LINE
-B LINE

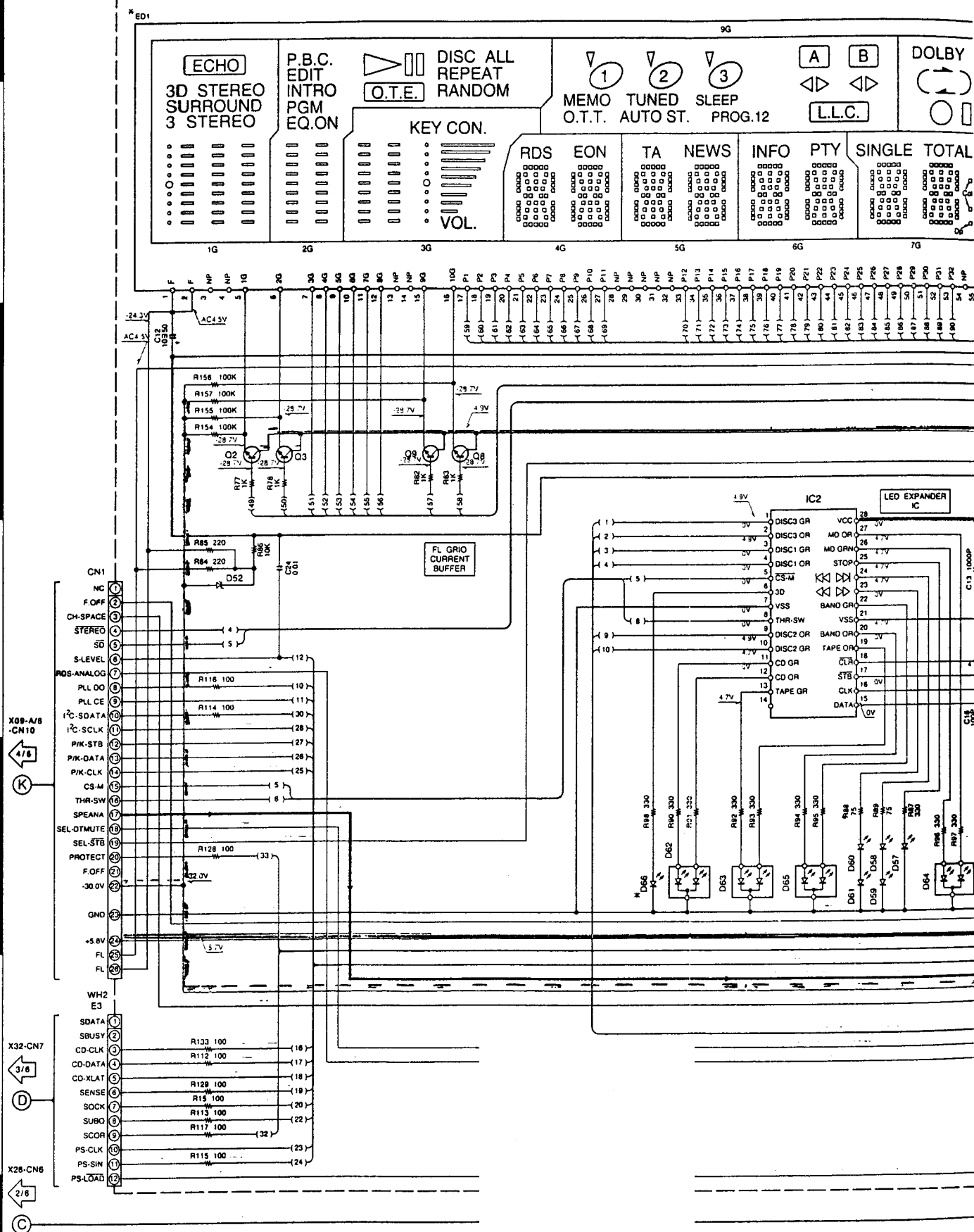
RXD-G3/G4/G5/G31/G51(K)(5/6)

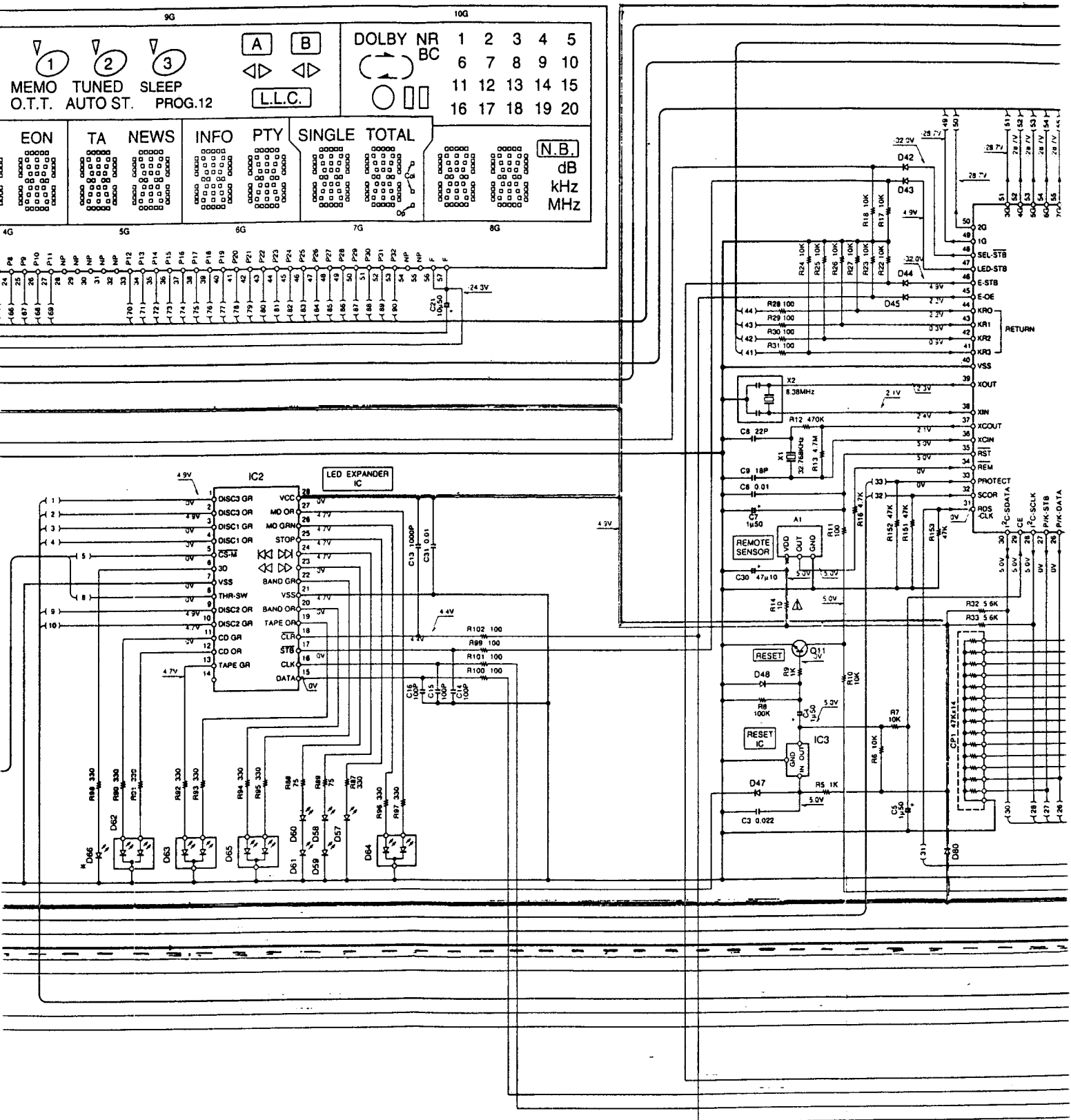
Y39-2300-00

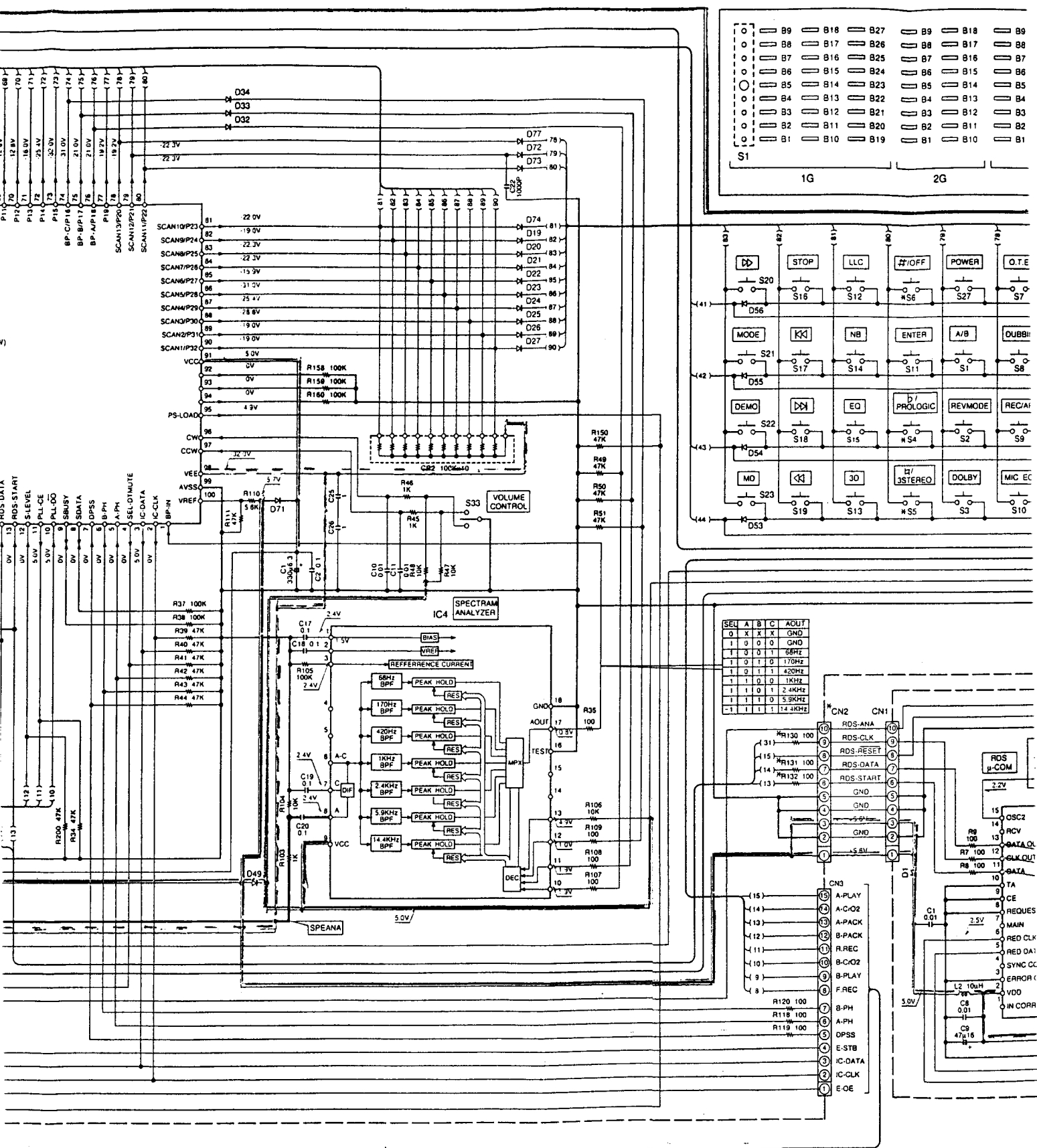
RXD-G3/G4/G5/G31/G51

KENWOOD

(X14-41XX-XX)(A/2)











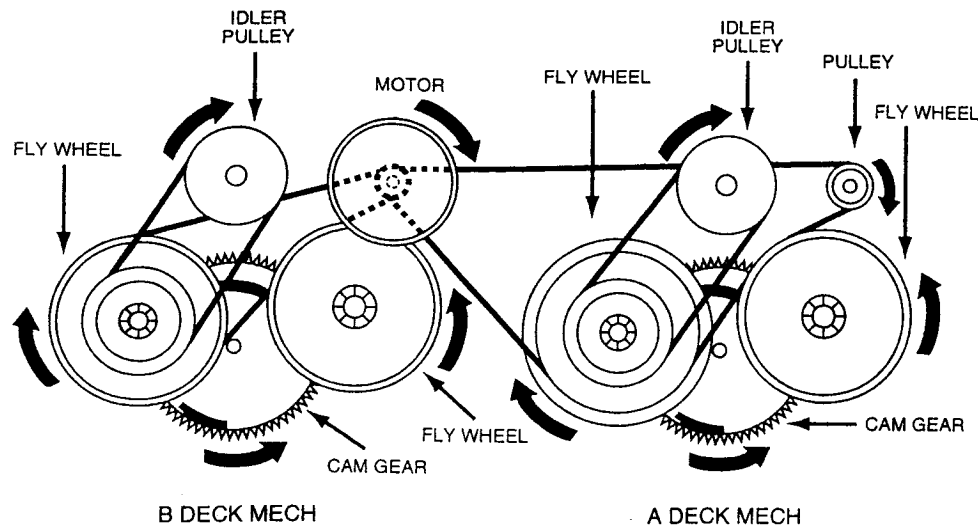
DESTINATION	
COUNTRY	ABB
USA	K
CANADA	P
PX	Y
GENERAL MARKET	M
MALAYSIA	I
CHINA	C
AUSTRALIA	X
UK	T
EUROPE	E

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

RXD-G3/G4/G5/G31/G51

CASSETTE MECHANISM DESCRIPTION

How to drive the double cassette deck with one motor

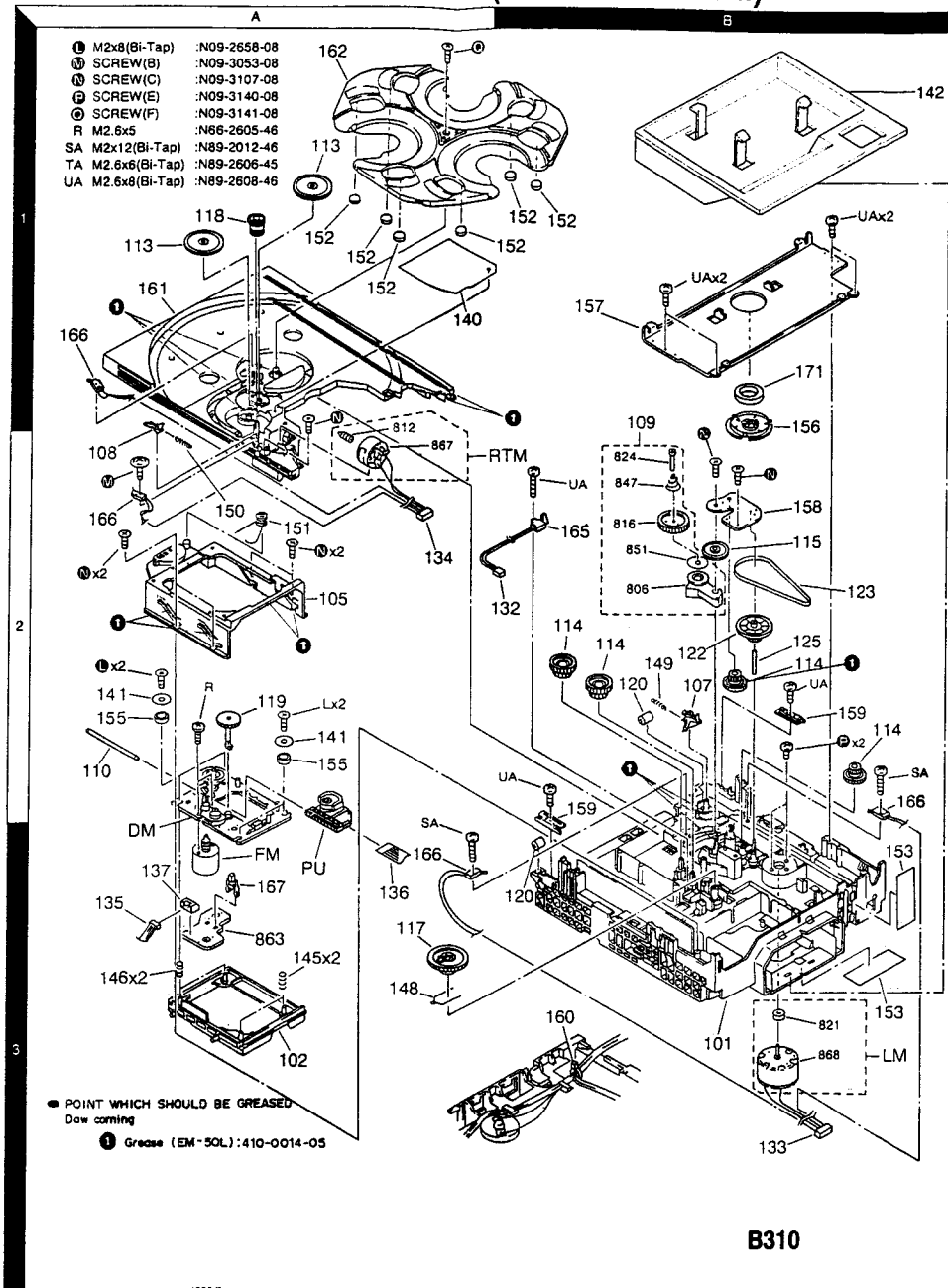


REAR VIEW

ONE MOTOR RVS MECH (GT-2400W)

RXD-G3/G4/G5/G31/G51

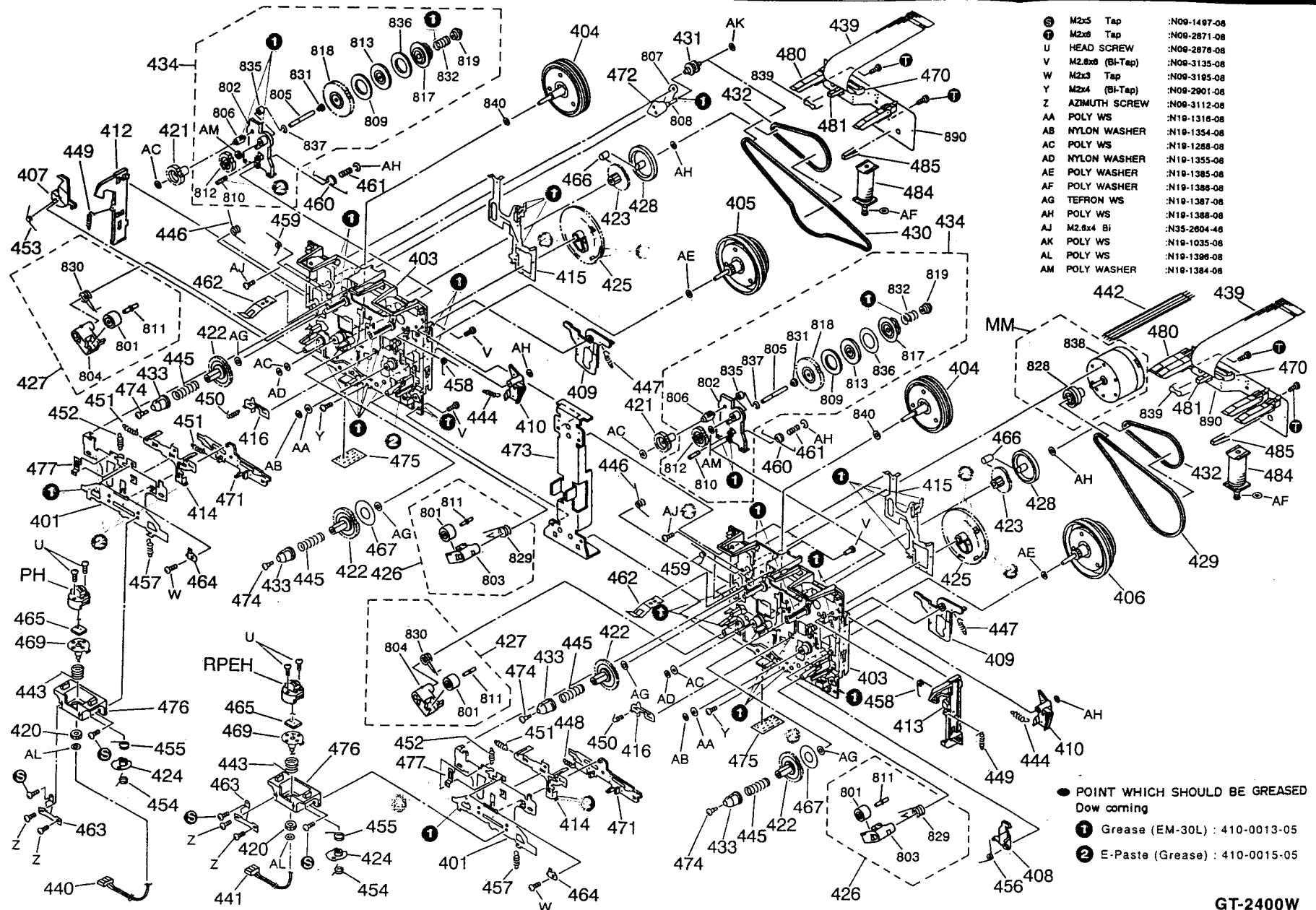
EXPLODED VIEW (CD MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

RXD-G3/G4/G5/G31/G51 RXD-G3/G4/G5/G31/G51

EXPLODED VIEW (CASSETTE DECK MECHANISM)



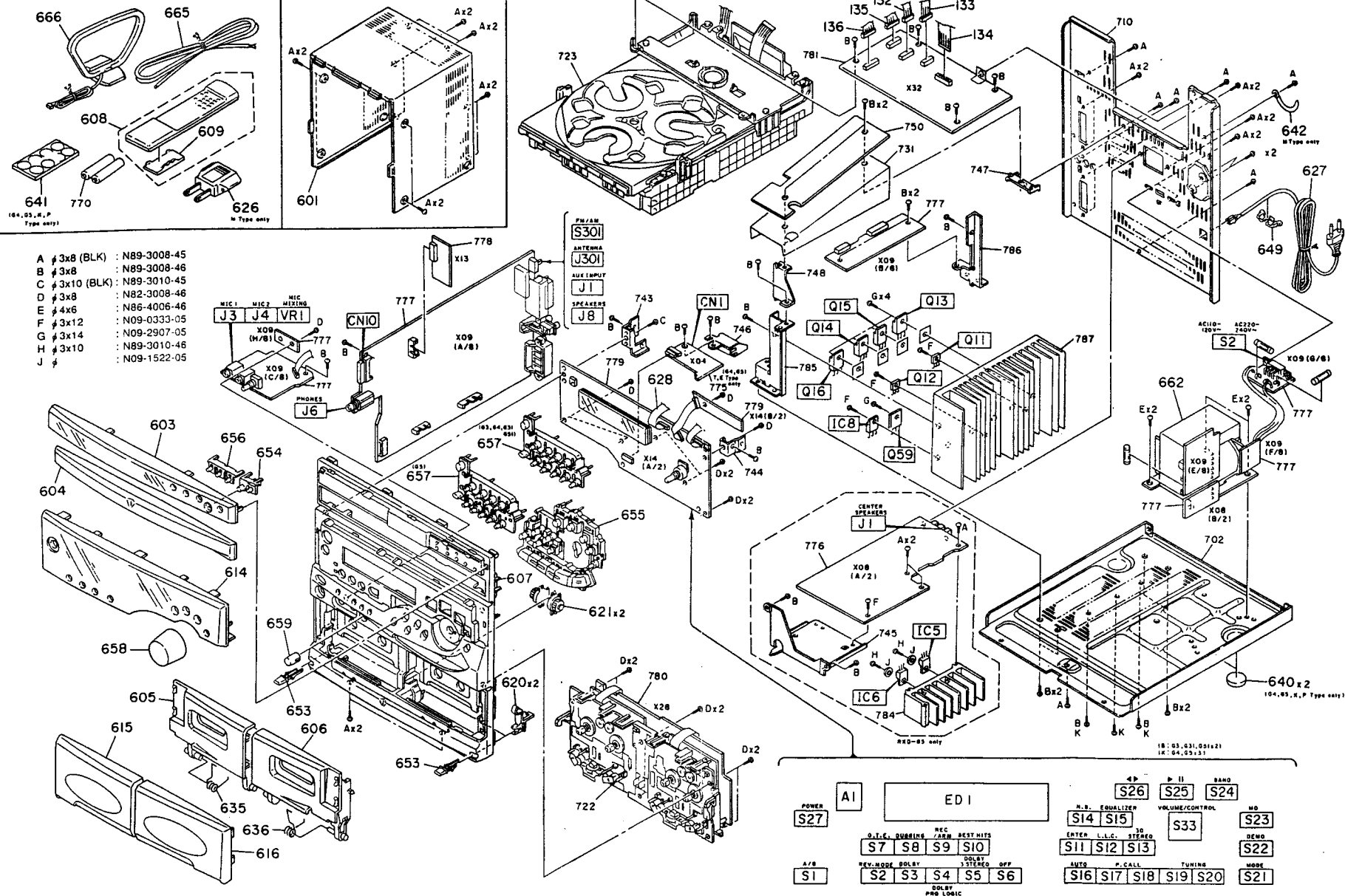
GT-2400W

Parts with the exploded numbers larger than 700 are not supplied.

RXD-G3/G4/G5/G31/G51 RXD-G3/G4/G5/G31/G51

EXPLODED VIEW (UNIT)

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel: 01844-351694 Fax: 01844-352554



Parts with the exploded numbers larger than 700 are not supplied.

* New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

1

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
RXD-G3						
601	1H	*	A01-3281-11	METALLIC CABINET		
603	2G	*	A21-1886-12	DRESSING PANEL		
604	2G	*	A29-0808-12	PANEL (TRAY)		
605	3G	*	A53-1912-12	CASSETTE HOLDER(A MECHA)		
606	3G	*	A53-1913-12	CASSETTE HOLDER(B MECHA)		
607	2H	*	A60-0819-11	PANEL		
608	1G	*	A70-1053-05	REMOTE CONTROLLER ASSY		
609	1G	*	A09-0345-08	BATTERY COVER		
614	2G	*	B10-2177-12	FRONT GLASS		
615	3G	*	B10-2178-23	FRONT GLASS (LID-A)		
616	3G	*	B10-2179-13	FRONT GLASS (LID-B)		
			B46-0096-53	WARRANTY CARD	X	
			B46-0121-33	WARRANTY CARD	P	
		*	B46-0307-23	WARRANTY CARD	KE	
			B46-0310-03	WARRANTY CARD	TE	
			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
			B58-0964-13	CAUTION CARD	KY	
		*	B58-0965-13	CAUTION CARD	XT	
		*	B58-0966-13	CAUTION CARD	ME	
			B58-0967-03	CAUTION CARD	P	
			B59-1104-00	SERVICE DIRECTORY	Y	
		*	B60-2573-00	INSTRUCTION MANUAL(ENGLISH)	KP	
		*	B60-2574-00	INSTRUCTION MANUAL(ENGLISH)	YMX	
		*	B60-2575-00	INSTRUCTION MANUAL(FRENCH)	P	
		*	B60-2576-00	INSTRUCTION MANUAL(FRENCH)	E	
		*	B60-2577-00	INSTRUCTION MANUAL(GERMAN)	E	
		*	B60-2578-00	INSTRUCTION MANUAL(DUTCH)	E	
		*	B60-2579-00	INSTRUCTION MANUAL(ITALIAN)	E	
		*	B60-2580-00	INSTRUCTION MANUAL(SPANISH)	ME	
		*	B60-2581-00	INSTRUCTION MANUAL(TAIWAN)	M	
		*	B60-2647-00	INSTRUCTION MANUAL(CHINESE)	M	
620	3H	*	D10-3607-04	LEVER		
621	3H	*	D39-0316-05	DAMPER		
626	1G	*	E03-0115-05	AC PLUG ADAPTER	M	
627	1J	*	E30-2592-15	AC POWER CORD	ME	
627	1J	*	E30-2605-05	AC POWER CORD	Y	
627	1J	*	E30-2650-05	AC POWER CORD	KP	
627	1J	*	E30-2717-05	AC POWER CORD	X	
627	1J	*	E30-2829-05	AC POWER CORD	T	
628	2H	*	E35-1297-05	FLAT CABLE		
635	3G	*	G01-3840-14	TORSION COIL SPRING(A MECHA)		
636	3G	*	G01-3841-14	TORSION COIL SPRING(B MECHA)		
		*	H10-7155-22	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7156-22	POLYSTYRENE FOAMED FIXTURE		
		*	H13-0086-04	CARTON BOARD		
		*	H25-0632-24	PROTECTION BAG	KPYMX	
		*	H25-0644-04	PROTECTION BAG	T	
		*	H25-1509-04	PROTECTION BAG	M	
		*	H25-1536-04	PROTECTION BAG	KPYXTE	
		*	H50-1816-04	ITEM CARTON CASE	KPYX	
		*	H50-1817-04	ITEM CARTON CASE	M	

L : Scandinavia K : USA P : Canada 3 : RXD-G3 4 : RXD-G4

Y : PX(Far East, Hawaii) T : Europe E : Europe 5 : RXD-G5 31 : RXD-G31

Y : AAFES(Europe) X : Australia M : Other Areas 51 : RXD-G51

C : China

I : Malaysia

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2

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
RXD-G4						
642	1J	*	H50-1820-04	ITEM CARTON CASE	TE	
649	1J	*	J19-2808-05	HOLDER	M	
		*	J42-0083-05	POWER CORD BUSHING		
		*	J61-0307-05	WIRE BAND		
653	3G, 3H	*	K29-6016-14	KNOB (EJECT)		
654	2G	*	K29-6269-04	KNOB (CD-O/C)		
655	2H	*	K29-6270-12	KNOB (SELECTOR)		
656	2G	*	K29-6268-14	KNOB (DISC-SEL)		
657	2H	*	K29-6267-02	KNOB (POWER)		
658	3G	*	K29-6294-14	KNOB (VOL)		
659	3G	*	K29-6295-14	KNOB (MIC-MIX)		
662	2J	*	L07-2024-05	POWER TRANSFORMER	KP	
662	2J	*	L07-2025-05	POWER TRANSFORMER	YM	
662	2J	*	L07-2026-05	POWER TRANSFORMER	X	
662	2J	*	L07-2027-05	POWER TRANSFORMER	TE	
665	1G	*	T90-0801-05	LEAD WIRE ANTENNA	KPYMX	
665	1G	*	T90-0809-05	LEAD WIRE ANTENNA	TE	
666	1G	*	T90-0820-05	LOOP ANTENNA		
RXD-G4						
601	1H	*	A01-3281-11	METALLIC CABINET		
603	2G	*	A21-1887-12	DRESSING PANEL		
604	2G	*	A29-0808-12	PANEL (TRAY)		
605	3G	*	A53-1912-12	CASSETTE HOLDER(A MECHA)		
606	3G	*	A53-1913-12	CASSETTE HOLDER(B MECHA)		
607	2H	*	A60-0822-11	PANEL	YMICXT	
607	2H	*	A60-0822-11	PANEL	E	
607	2H	*	A60-0900-11	PANEL	KP	
608	1G	*	A70-1054-05	REMOTE CONTROLLER ASSY	TE	
608	1G	*	A70-1063-05	REMOTE CONTROLLER ASSY	KPYMIC	
608	1G	*	A70-1063-05	REMOTE CONTROLLER ASSY		
609	1G	*	A09-0345-08	BATTERY COVER	X	
614	2G	*	B10-2181-12	FRONT GLASS	KPYMIC	
614	2G	*	B10-2181-12	FRONT GLASS	X	
614	2G	*	B10-2183-12	FRONT GLASS	TE	
615	3G	*	B10-2187-23	FRONT GLASS (LID-A)		
616	3G	*	B10-2188-13	FRONT GLASS (LID-B)		
		*	B46-0096-53	WARRANTY CARD	X	
		*	B46-0121-33	WARRANTY CARD	P	
		*	B46-0307-23	WARRANTY CARD	KY	
		*	B46-0310-03	WARRANTY CARD	TE	
		*	B46-0326-03	WARRANTY CARD	C	
		*	B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
		*	B58-0964-13	CAUTION CARD	KY	
		*	B58-0965-13	CAUTION CARD	XT	
		*	B58-0966-13	CAUTION CARD	MICE	
		*	B58-0967-03	CAUTION CARD	P	
		*	B59-1104-00	SERVICE DIRECTORY	Y	
		*	B60-2587-00	INSTRUCTION MANUAL(ENGLISH)	YMICX	
		*	B60-2588-00	INSTRUCTION MANUAL(ENGLISH)	KP	
		*	B60-2589-00	INSTRUCTION MANUAL(ENGLISH)	T	
		*	B60-2590-00	INSTRUCTION MANUAL(FRENCH)	P	
		*	B60-2591-00	INSTRUCTION MANUAL(FRENCH)	E	

L : Scandinavia K : USA P : Canada 3 : RXD-G3 4 : RXD-G4

Y : PX(Far East, Hawaii) T : Europe E : Europe 5 : RXD-G5 31 : RXD-G31

Y : AAFES(Europe) X : Australia M : Other Areas 51 : RXD-G51

C : China

I : Malaysia

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PARTS LIST

RXD-G3/G4/G5/G31/G51

PARTS LIST

64

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3

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
		*	B60-2592-00	INSTRUCTION MANUAL(GERMAN)	E	
		*	B60-2593-00	INSTRUCTION MANUAL(DUTCH)	E	
		*	B60-2594-00	INSTRUCTION MANUAL(ITALIAN)	E	
		*	B60-2595-00	INSTRUCTION MANUAL(SPANISH)	E	
		*	B60-2596-00	INSTRUCTION MANUAL(SPANISH)	E	
		*	B60-2597-00	INSTRUCTION MANUAL(CHINESE)	MIC	
		*	B60-2598-00	INSTRUCTION MANUAL(TAIWAN)	M	
620	3H	*	D10-3607-04	LEVER		
621	3H	*	D39-0316-05	DAMPER		
Δ 626	1G	*	E03-0115-05	AC PLUG ADAPTER	MI	
Δ 627	1J	*	E30-2592-15	AC POWER CORD	MIE	
Δ 627	1J	*	E30-2605-05	AC POWER CORD	Y	
Δ 627	1J	*	E30-2650-05	AC POWER CORD	KP	
Δ 627	1J	*	E30-2717-05	AC POWER CORD	X	
Δ 627	1J	*	E30-2829-05	AC POWER CORD	T	
Δ 627	1J	*	E30-2830-05	AC POWER CORD	C	
628	2H	*	E35-1297-05	FLAT CABLE		
635	3G	*	G01-3840-14	TORSION COIL SPRING(A MECHA)		
636	3G	*	G01-3841-14	TORSION COIL SPRING(B MWCHA)		
		*	H10-7155-22	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7156-22	POLYSTYRENE FOAMED FIXTURE		
		*	H13-0086-04	CARTON BOARD	KPYMIC	
		*	H25-0632-24	PROTECTION BAG	XE	
		*	H25-0632-24	PROTECTION BAG		
		*	H25-0644-04	PROTECTION BAG	T	
		*	H25-1509-04	PROTECTION BAG	MIC	
		*	H25-1536-04	PROTECTION BAG	KPYXTE	
		*	H50-1823-04	ITEM CARTON CASE	KPYX	
		*	H50-1824-04	ITEM CARTON CASE	MC	
		*	H50-1825-04	ITEM CARTON CASE	I	
		*	H50-1827-04	ITEM CARTON CASE	TE	
640	3J	*	J02-0366-15	FOOT	KP	
641	1G	*	J02-1155-04	FOOT	KP	
642	1J	*	J19-2808-05	HOLDER	MIC	
Δ 649	1J	*	J42-0083-05	POWER CORD BUSHING		
		*	J61-0307-05	WIRE BAND		
653	3G, 3H	*	K29-6016-14	KNOB (EJECT)		
654	2G	*	K29-6269-04	KNOB (CD-O/C)		
655	2H	*	K29-6270-12	KNOB (SELECTOR)		
656	2G	*	K29-6271-24	KNOB (DISC-SEL)		
657	2H	*	K29-6267-02	KNOB (POWER)		
658	3G	*	K29-6294-14	KNOB (VOL)		
659	3G	*	K29-6295-14	KNOB (MIC/MIX)		
Δ 662	2J	*	L07-2029-05	POWER TRANSFORMER	KP	
Δ 662	2J	*	L07-2030-05	POWER TRANSFORMER	YMI	
Δ 662	2J	*	L07-2031-05	POWER TRANSFORMER	X	
Δ 662	2J	*	L07-2032-05	POWER TRANSFORMER	TE	
Δ 662	2J	*	L07-2133-05	POWER TRANSFORMER	C	
665	1G	*	T90-0801-05	LEAD WIRE ANTENNA	KPYMIC	
665	1G	*	T90-0801-05	LEAD WIRE ANTENNA	X	
665	1G	*	T90-0809-05	LEAD WIRE ANTENNA	TE	
666	1G	*	T90-0820-05	LOOP ANTENNA		

L : Scandinavia K : USA P : Canada 3 : RXD-G3 4 : RXD-G4
Y : PX(Far East, Hawaii) T : Europe E : Europe 5 : RXD-G5 31 : RXD-G31
Y : AAFES(Europe) X : Australia M : Other Areas 51 : RXD-G51
C : China I : Malaysia

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4

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
RXD-G5						
601	1H	*	A01-3281-11	METALLIC CABINET		
603	2G	*	A21-1887-12	DRESSING PANEL		
604	2G	*	A29-0808-12	PANEL (TRAY)		
605	3G	*	A53-1912-12	CASSETTE HOLDER(A MECHA)		
606	3G	*	A53-1913-12	CASSETTE HOLDER(B MECHA)		
607	2H	*	A60-0826-11	PANEL	YMICXT	
607	2H	*	A60-0826-11	PANEL	E	
607	2H	*	A60-0902-11	PANEL	KP	
608	1G	*	A70-1055-05	REMOTE CONTROLLER ASSY	KPYMIC	
608	1G	*	A70-1055-05	REMOTE CONTROLLER ASSY	X	
608	1G	*	A70-1056-05	REMOTE CONTROLLER ASSY	TE	
609	1G	*	A09-0345-08	BATTERY COVER	KPYMIC	
614	2G	*	B10-2184-12	FRONT GLASS	KPYMIC	
614	2G	*	B10-2184-12	FRONT GLASS	X	
614	2G	*	B10-2186-12	FRONT GLASS	TE	
615	3G	*	B10-2187-23	FRONT GLASS (LID-A)		
616	3G	*	B10-2188-13	FRONT GLASS (LID-B)		
-		*	B46-0096-53	WARRANTY CARD	X	
-		*	B46-0121-33	WARRANTY CARD	P	
-		*	B46-0307-23	WARRANTY CARD	KY	
-		*	B46-0310-03	WARRANTY CARD	TE	
-		*	B46-0326-03	WARRANTY CARD	C	
-		*	B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-		*	B58-0964-13	CAUTION CARD	KY	
-		*	B58-0965-13	CAUTION CARD	XT	
-		*	B58-0966-13	CAUTION CARD	MICE	
-		*	B58-0967-03	CAUTION CARD	P	
-		*	B59-1104-00	SERVICE DIRECTORY	Y	
-		*	B60-2599-00	INSTRUCTION MANUAL(ENGLISH)	KPYMIC	
-		*	B60-2599-00	INSTRUCTION MANUAL(ENGLISH)	X	
-		*	B60-2600-00	INSTRUCTION MANUAL(ENGLISH)	T	
-		*	B60-2601-00	INSTRUCTION MANUAL(FRENCH)	P	
-		*	B60-2602-00	INSTRUCTION MANUAL(FRENCH)		
-		*	B60-2603-00	INSTRUCTION MANUAL(GERMAN)	E	
-		*	B60-2604-00	INSTRUCTION MANUAL(GERMAN)	E	
-		*	B60-2605-00	INSTRUCTION MANUAL(ITALIAN)	E	
-		*	B60-2606-00	INSTRUCTION MANUAL(SPANISH)	M	
-		*	B60-2607-00	INSTRUCTION MANUAL(SPANISH)	E	
-		*	B60-2608-00	INSTRUCTION MANUAL(CHINESE)	MIC	
-		*	B60-2609-00	INSTRUCTION MANUAL(TAIWAN)	M	
620	3H	*	D10-3607-04	LEVER		
621	3H	*	D39-0316-05	DAMPER		
Δ 626	1G	*	E03-0115-05	AC PLUG ADAPTER	MI	
Δ 627	1J	*	E30-2592-15	AC POWER CORD	MIE	
Δ 627	1J	*	E30-2605-05	AC POWER CORD	Y	
Δ 627	1J	*	E30-2650-05	AC POWER CORD	KP	
Δ 627	1J	*	E30-2717-05	AC POWER CORD	X	
Δ 627	1J	*	E30-2829-05	AC POWER CORD	T	
Δ 627	1J	*	E30-2830-05	AC POWER CORD	C	
628	2H	*	E35-1297-05	FLAT CABLE		
635	3G	*	G01-3840-14	TORSION COIL SPRING		

L : Scandinavia K : USA P : Canada 3 : RXD-G3 4 : RXD-G4
Y : PX(Far East, Hawaii) T : Europe E : Europe 5 : RXD-G5 31 : RXD-G31
Y : AAFES(Europe) X : Australia M : Other Areas 51 : RXD-G51
C : China I : Malaysia

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5

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
636	3G	*	G01-3841-14	TORSION COIL SPRING		
		*	H10-7155-22	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7156-22	POLYSTYRENE FOAMED FIXTURE		
		*	H13-0086-04	CARTON BOARD		
		*	H25-0632-24	PROTECTION BAG	KPYMIC	
		*	H25-0632-24	PROTECTION BAG	XE	
		*	H25-0644-04	PROTECTION BAG		
		*	H25-1509-04	PROTECTION BAG	T	
		*	H25-1536-04	PROTECTION BAG	MIC	
		*	H50-1828-04	ITEM CARTON CASE	KPYXTE	
		*	H50-1829-04	ITEM CARTON CASE	KPYX	
		*	H50-1831-04	ITEM CARTON CASE	MC	
		*	H50-1832-04	ITEM CARTON CASE	TE	
640	3J	*	J02-0366-15	FOOT	I	
641	1G	*	J02-1155-04	FOOT		
642	1J	*	J19-2808-05	HOLDER	KP	
649	1J	*	J42-0083-05	POWER CORD BUSHING	KP	
		*	J61-0307-05	WIRE BAND	MIC	
653	3G,3H	*	K29-6016-14	KNOB (EJECT)		
654	2G	*	K29-6269-04	KNOB (CD-O/C)		
655	2H	*	K29-6270-12	KNOB (SELECTOR)		
656	2G	*	K29-6271-24	KNOB (DISC SEL)		
657	2H	*	K29-6272-02	KNOB (POWER)		
658	3G	*	K29-6294-14	KNOB (VOL)		
659	3G	*	K29-6295-14	KNOB (MIC/MIX)		
662	2J	*	L07-2033-05	POWER TRANSFORMER	KP	
662	2J	*	L07-2034-05	POWER TRANSFORMER	YMI	
662	2J	*	L07-2035-05	POWER TRANSFORMER	X	
662	2J	*	L07-2036-05	POWER TRANSFORMER	TE	
662	2J	*	L07-2134-05	POWER TRANSFORMER	C	
665	1G	*	T90-0801-05	LEAD WIRE ANTENNA	KPYMIC	
665	1G	*	T90-0801-05	LEAD WIRE ANTENNA	XE	
665	1G	*	T90-0809-05	LEAD WIRE ANTENNA		
666	1G	*	T90-0820-05	LOOP ANTENNA		
RXD-G31/G51						
601	1H	*	A01-3281-11	METALLIC CABINET		
603	2G	*	A21-1886-12	DRESSING PANEL (G31)		
603	2G	*	A21-1887-12	DRESSING PANEL (G51)		
604	2G	*	A29-0808-12	PANEL (TRAY)		
605	3G	*	A53-1912-12	CASSETTE HOLDER(A MECHA)		
606	3G	*	A53-1913-12	CASSETTE HOLDER(B MECHA)		
607	2H	*	A60-0819-11	PANEL (G31)		
607	2H	*	A60-0822-11	PANEL (G51)		
608	1G	*	A70-1053-05	REMOTE CONTROLLER ASSY (G31)		
608	1G	*	A70-1063-05	REMOTE CONTROLLER ASSY (G51)		
609	1G	*	A09-0345-08	BATTERY COVER		
614	2G	*	B10-2236-12	FRONT GLASS (G31)		
614	2G	*	B10-2237-12	FRONT GLASS (G51)		
615	3G	*	B10-2178-23	FRONT GLASS (LID-A)(G31)		
615	3G	*	B10-2187-23	FRONT GLASS (LID-A)(G51)		
616	3G	*	B10-2179-13	FRONT GLASS (LID-B)(G31)		
616	3G	*	B10-2188-13	FRONT GLASS (LID-B)(G51)		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
		*	B46-0326-03	WARRANTY CARD		
		*	B58-0968-13	CAUTION CARD		
		*	B60-2715-00	INSTRUCTION MANUAL(ENGLISH)G31		
		*	B60-2716-00	INSTRUCTION MANUAL(SPANISH)G31		
		*	B60-2717-00	INSTRUCTION MANUAL(CHINESE)G31		
		*	B60-2718-00	INSTRUCTION MANUAL(TAIWAN) G31		
		*	B60-2719-00	INSTRUCTION MANUAL(ENGLISH)G51		
		*	B60-2720-00	INSTRUCTION MANUAL(SPANISH)G51		
		*	B60-2721-00	INSTRUCTION MANUAL(CHINESE)G51		
		*	B60-2722-00	INSTRUCTION MANUAL(TAIWAN) G51		
620	3H	*	D10-3607-04	LEVER		
621	3H	*	D39-0316-05	DAMPER		
626	1G	*	E03-0115-05	AC PLUG ADAPTER		
627	1J	*	E30-2592-15	AC POWER CORD		
627	1J	*	E30-2830-05	AC POWER CORD		
628	2H	*	E35-1297-05	FLAT CABLE		
635	3G	*	G01-3840-14	TORSION COIL SPRING(A MECHA)		
636	3G	*	G01-3841-14	TORSION COIL SPRING(B MECHA)		
		*	H10-7155-22	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7156-22	POLYSTYRENE FOAMED FIXTURE		
		*	H13-0086-04	CARTON BOARD		
		*	H25-0632-24	PROTECTION BAG		
		*	H25-1509-04	PROTECTION BAG		
		*	H50-1948-04	ITEM CARTON CASE(G31)		
		*	H50-1949-04	ITEM CARTON CASE(G31)		
		*	H50-1950-04	ITEM CARTON CASE(G51)		
		*	H50-1951-04	ITEM CARTON CASE(G51)		
642	1J	*	J19-2808-05	HOLDER		
649	1J	*	J42-0083-05	POWER CORD BUSHING		
		*	J61-0307-05	WIRE BAND		
653	3G,3H	*	K29-6016-14	KNOB (EJECT)		
654	2G	*	K29-6269-04	KNOB (CD-O/C)		
655	2H	*	K29-6270-12	KNOB (SELECTOR)		
656	2G	*	K29-6268-14	KNOB (DISC SEL)(G31)		
656	2G	*	K29-6271-24	KNOB (DISC SEL)(G51)		
657	2H	*	K29-6267-02	KNOB (POWER)		
658	3G	*	K29-6294-14	KNOB (VOL)		
659	3G	*	K29-6295-14	KNOB (MIC/MIX)		
662	2J	*	L07-2025-05	POWER TRANSFORMER(G31) MI		
662	2J	*	L07-2030-05	POWER TRANSFORMER(G51) MI		
662	2J	*	L07-2132-05	POWER TRANSFORMER(G31) C		
662	2J	*	L07-2133-05	POWER TRANSFORMER(G51) C		
665	1G	*	T90-0801-05	LEAD WIRE ANTENNA		
666	1G	*	T90-0820-05	LOOP ANTENNA		
RDS UNIT (X04-1302-70)						
C1			CK45FF1H103Z	CERAMIC	0.010UF	Z
C2			CE04LW1H2R2M	ELECTRO	2.2UF	50WV
C3			CC45FSL1H331J	CERAMIC	330PF	J
C4			CK45FB1H561K	CERAMIC	560PF	K
C5			CC45FCH1H470J	CERAMIC	47PF	J
C6			CC45FCH1H220J	CERAMIC	22PF	J
C7,8			CK45FF1H103Z	CERAMIC	0.010UF	Z

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PARTS LIST

RXD-G3/G4/G5/G31/G51

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desig-nation	Re-marks
C9 C10			CE04LW1C470M CK45FF1H103Z	ELECTRO 47UF 16VV CERAMIC 0.010UF Z	TE TE	
CN1	2I		E40-4797-05	SOCKET FOR PIN ASSY	TE	
L1 L2 X1 X2			L40-1091-17 L40-1001-17 L77-2002-05 L78-0244-05	SMALL FIXED INDUCTOR(10UH) SMALL FIXED INDUCTOR(10UH,K) CRYSTAL RESONATOR(4 332MHZ) RESONATOR (4.000M)	TE TE TE TE	
D1 D1 IC1 IC2			HSS104 1SS133 SAA6579 LC6543H-4D68	DIODE DIODE ANALOGUE IC MI-COM IC	TE TE TE TE	
SURROUND UNIT (X08-270X-XX) : RXD-G5 ONLY						
C1,2 C3,4 C5 C7 C8			CE04LW1H010M CE04LW1H100M CF92FV1H394J CK45FF1H103Z CE04LW1H2R2M	ELECTRO 1.0UF 50VV ELECTRO 10UF 50VV MF-C 0.39UF J CERAMIC 0.010UF Z ELECTRO 2.2UF 50VV		
C9,10 C13,14 C15,16 C19,20 C21,22			CE04LW1H010M CE04LW1V4R7M CC45FSL1H470J CE04LW1V4R7M CK45FB1H102K	ELECTRO 1.0UF 50VV ELECTRO 4.7UF 35VV CERAMIC 47PF J ELECTRO 4.7UF 35VV CERAMIC 1000PF K		
C23,24 C25,26 C27 C27 C28			CE04LW1V220M CK45FB1H222K CQ92FM1H104J CQ92FM1H104J CE04LW1E471M	ELECTRO 22UF 35VV CERAMIC 2200PF K MYLAR 0.10UF J MYLAR 0.10UF J ELECTRO 470UF 25VV	YMICXT E	
C31,32 C35,36 C35,36 C35,36 C37			CQ92FM1H104J CQ92FM1H472J CQ92FM1H822J CQ92FM1H822J CQ92FM1H104J	MYLAR 0.10UF J MYLAR 4700PF J MYLAR 8200PF J MYLAR 8200PF J MYLAR 0.10UF J	KP YMICXT E	
C38 C39 C40 C41 C42			CE04LW1C221M CQ92FM1H333J CQ92FM1H152J CQ92FM1H333J CE04LW1C221M	ELECTRO 220UF 16VV MYLAR 0.033UF J MYLAR 1500PF J MYLAR 0.033UF J ELECTRO 220UF 16VV		
C43 C44 C45 C46-48 C49			CK45FF1H103Z CE04LW1H100M CQ92FM1H103J CC45FSL1H101J CQ92FM1H681J	CERAMIC 0.010UF Z ELECTRO 10UF 50VV MYLAR 0.010UF J CERAMIC 100PF J MYLAR 680PF J		
C50 C51 C52,53 C54 C55			CF92FV1H474J CE04LW1C470M CQ92FM1H104J CE04LW1HR47M CE04LW1V4R7M	MF-C 0.47UF J ELECTRO 47UF 16VV MYLAR 0.10UF J ELECTRO 0.47UF 50VV ELECTRO 4.7UF 35VV		
C56 C57 C58 C59 C60,61			CE04LW1HR47M CE04LW1V4R7M CF92FV1H154J CE04LW1H3R3M CF92FV1H154J	ELECTRO 0.47UF 50VV ELECTRO 4.7UF 35VV MF-C 0.15UF J ELECTRO 3.3UF 50VV MF-C 0.15UF J		
C62			CE04LW1H3R3M	ELECTRO 3.3UF 50VV		

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C63 C64 C65 C66 C67			CF92FV1H154J CE04LW1V4R7M CE04LW1HR47M CE04LW1V4R7M CE04LW1HR47M	MF-C 0.15UF J ELECTRO 4.7UF 35VV ELECTRO 0.47UF 50VV ELECTRO 4.7UF 35VV ELECTRO 0.47UF 50VV		
C68,69 C70 C71-74 C75 C76			CQ92FM1H104J CE04LW1C221M CE04LW1H100M CE04LW1C221M CQ92FM1H473J	MYLAR 0.10UF J ELECTRO 220UF 16VV ELECTRO 10UF 50VV ELECTRO 220UF 16VV MYLAR 0.047UF J		
C77 C78 C79 C80 C81			CQ92FM1H223J CE04KW1E472M CE04LW1E332M CE04LW1H010M CE04LW1H100M	MYLAR 0.022UF J ELECTRO 4700UF 25VV ELECTRO 3300UF 25VV ELECTRO 1.0UF 50VV ELECTRO 10UF 50VV		
C82 C83 C84 C85,86 C94,95			CQ92FM1H104J CE04LW1C101M CK45FF1H103Z CE04LW1V4R7M CC45FSL1H101J	MYLAR 0.10UF J ELECTRO 100UF 16VV CERAMIC 0.010UF Z ELECTRO 4.7UF 35VV CERAMIC 100PF J		
C96 C97-100 C101 C102 C103,104			CE04LW1H010M CE04LW1V4R7M CE04LW1C470M CE04HV1H2R2M CK45FF1H103Z	ELECTRO 1.0UF 50VV ELECTRO 4.7UF 35VV ELECTRO 47UF 16VV NP-ELEC 2.2UF 50VV CERAMIC 0.010UF Z		
C105,106 C107			CE04LW1C470M CK45FF1H103Z	ELECTRO 47UF 16VV CERAMIC 0.010UF Z		
J1	2I	*	E70-0067-05	LOCK TERMINAL BOARD		
Δ F8,9 Δ F8,9 Δ F8,9			F05-4025-05 F05-4025-05 F05-4028-05	FUSE (SEMKO) (250V T4A L) FUSE (SEMKO) (250V T4A L) FUSE (UL) (125V 4A)	YMICXT E KP	
CN1-4			J13-0075-05	FUSE CLIP		
X1			L78-0290-05	RESONATOR (8MHZ)		
R8 R33,34 R46 R55			RD14NB2E2R2J RS14KB3A4R7J RS14KB3D181J RS14KB3A152J	RD 2.2 J 1/4W FL-PROOF RS 4.7 J 1W FL-PROOF RS 180 J 2W FL-PROOF RS 1.5K J 1W		
K1		*	S76-0043-05	MAGNETIC RELAY		
D1 D1 D3,4 D3,4 D5			MTZJ10(B) UZ-10BSB HSS104A 1SS131 D3SBA20F03	ZENER DIODE ZENER DIODE DIODE DIODE DIODE		
D5 D6 D6 D7 D7			RBV-402LFA MTZJ3.9(B) UZ-3.9BSB MTZJ6.2(B) UZ-6.2BSB	DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE		
D8 D8 IC1		*	HSS104A 1SS131 LA2785L	DIODE DIODE ANALOGUE IC		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
IC2 IC3 IC4 IC5,6 IC7	31	*	LV1011L NJM4565L-D 747309 TDA2050V XRU4052BC	DI BI-POLAR IC ANALOGUE IC ANALOGUE IC ANALOGUE IC MOS-IC		
Q1,2 Q4 Q4 Q5 Q6			2SC2878(B) 2SC3940A(R,S) 2SD863(E,F) 2SC2003(L,K) DTA113ZS	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR DIGITAL TRANSISTOR		
Q6 Q7 Q7			UN4119 DTC124ES UN4212	TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR		
AUDIO UNIT-TUNER (X09-4XXX-XX)						
C1,2 C1,2 C3,4 C5,6 C7,8			CC45FCH1H060D CK45FB1H471K CE04LW1H0R1M CE04LW1V4R7M CE04LW1H2R2M	CERAMIC 6.0PF D CERAMIC 470PF K ELECTRO 0.1UF 50WV ELECTRO 4.7UF 35WV ELECTRO 2.2UF 50WV	TE TE	3,4 5 5
C11-14 C15-18 C19-20 C21,22 C23,24			CF92FV1H394J CE04LW1V4R7M CK73FB1H562K CE04LW1V4R7M CE04LW1H2R2M	MF-C 0.39UF J ELECTRO 4.7UF 35WV CHIP C 5600PF K ELECTRO 4.7UF 35WV ELECTRO 2.2UF 50WV		
C25-28 C29,30 C31,32 C33,34 C35,36			CK73FB1E104K CK73FB1H223K CK73FB1H183K CE04LW1C220M CE04LW1H2R2M	CHIP C 0.10UF K CHIP C 0.022UF K CHIP C 0.018UF K ELECTRO 22UF 16WV ELECTRO 2.2UF 50WV		
C37,38 C39,40 C43,44 C45,46 C47,48			CK73FB1H102K CC73FSL1H470J CE04LW1A101M CK73FB1H222K CC73FSL1H101J	CHIP C 1000PF K CHIP C 47PF J ELECTRO 100UF 10WV CHIP C 2200PF K CHIP C 100PF J		
C49,50 C51,52 C53,54 C55,56 C57,58			CC45FSL1H101J CE04LW1H220M CK45FB1H102K CQ92FM1H104J CF92FV1H224J	CERAMIC 100PF J ELECTRO 22UF 50WV CERAMIC 1000PF K MYLAR 0.10UF J MF-C 0.22UF J	XTE	
C59,60 C61,62 C63,64 C63,64 C100			CK45FB1H102K CK45FF1H472Z CE04LW1H2R2M CE04LW1H3R3M CK45FF1H103Z	CERAMIC 1000PF K CERAMIC 4700PF Z ELECTRO 2.2UF 50WV ELECTRO 3.3UF 50WV CERAMIC 0.010UF Z	TE	3,31 4,5,51
C101-103 C104 C106 C107 C108,109			CK45FF1H103Z CC73FSL1H471J CE04LW1C221M CE04LW1V4R7M CK73FB1E104K	CERAMIC 0.010UF Z CHIP C 470PF J ELECTRO 220UF 16WV ELECTRO 4.7UF 35WV CHIP C 0.10UF K		
C110,111 C112,113 C114 C115 C116			CC73FSL1H101J CK73FB1H223K CK73FB1H472K CK73FB1E104K CK73FB1H122K	CHIP C 100PF J CHIP C 0.022UF K CHIP C 4700PF K CHIP C 0.10UF K CHIP C 1200PF K		

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C117 C118 C119 C120 C121			CK73FB1H562K CF92FV1H684J CE04HW1H2R2M CE04LW1H010M CC73FSL1H331J	CHIP C 5600PF K MF-C 0.68UF J NP-ELEC 2.2UF 50WV ELECTRO 1.0UF 50WV CHIP C 330PF J		
C123 C124 C125 C126 C127			CE04LW1H010M CK73FB1H103K CE04LW1H010M CC73FCH1H100D CC73FSL1H821J	ELECTRO 1.0UF 50WV CHIP C 0.010UF K ELECTRO 1.0UF 50WV CHIP C 10PF D CHIP C 820PF J		
C128 C129,130 C131 C132 C133			CC73FSL1H101J CE04LW1C470M CE04LW1H010M CK73FB1H103K CK73FB1H222K	CHIP C 100PF J ELECTRO 47UF 16WV ELECTRO 1.0UF 50WV CHIP C 0.010UF K CHIP C 2200PF K		31,51 31,51 31,51
C134 C135,136 C137 C138 C139			CF92FV1H124J CE04LW1HR47M CF92FV1H105J CC73FSL1H101J CE04LW1A470M	MF-C 0.12UF J ELECTRO 0.47UF 50WV MF-C 1.0UF J CHIP C 100PF J ELECTRO 47UF 10WV		31,51 31,51 31,51 31,51 31,51
C140 C141 C142 C143,144 C145			CF92FV1H124J CK73FB1H103K CK73FB1H222K CE04LW1H010M CE04LW1A470M	MF-C 0.12UF J CHIP C 0.010UF K CHIP C 2200PF K ELECTRO 1.0UF 50WV ELECTRO 47UF 10WV		31,51 31,51 31,51 31,51 31,51
C146 C147 C148 C149 C150			CE04LW1H100M CK73FB1H103K CC73FSL1H271J CE04LW1H100M CE04LW1J101M	ELECTRO 10UF 50WV CHIP C 0.010UF K CHIP C 270PF J ELECTRO 10UF 50WV ELECTRO 100UF 63WV		31,51 31,51 31,51 31,51 31,51
C151 C152 C153 C154 C155			CE04LW1C470M CE04LW2A2R2M CE04LW1H220M CE04LW1V471M CE04LW1V221M	ELECTRO 47UF 16WV ELECTRO 2.2UF 100WV ELECTRO 22UF 50WV ELECTRO 470UF 35WV ELECTRO 220UF 35WV		
C156 C157 C157 C157 C158,159			CQ92FM1H332J CE04LW1V332M CE04LW1V332M C90-3310-05 CK73FB1E104K	MYLAR 3300PF J ELECTRO 3300UF 35WV ELECTRO 3300UF 35WV ELECTRO 3300UF 35WV CHIP C 0.10UF K	YMICXT E KP	
C160 C161 C162,163 C162,163 C162,163			CE04LW1V470M CE04LW1V330M C90-3596-05 C90-3596-05 C90-3597-05	ELECTRO 47UF 35WV ELECTRO 33UF 35WV ELECTRO 3300UF 50WV ELECTRO 3300UF 50WV ELECTRO 4700UF 56WV		
C162,163 C162,163 C162,163 C164 C165,166		*	C90-3598-05 C90-3598-05 C90-3599-05 CE04LW1A470M CQ92FM1H104J	ELECTRO 4700UF 63WV ELECTRO 4700UF 63WV ELECTRO 5600UF 63WV ELECTRO 47UF 10WV MYLAR 0.10UF J	YMICXT E KP	3,31 31 3
C167 C167 C167 C168 C169		*	CE04LW1V222M CE04LW1V222M C90-3309-05 CE04LW1V4R7M CE04LW1H101M	ELECTRO 2200UF 35WV ELECTRO 2200UF 35WV ELECTRO 2200UF 35WV ELECTRO 4.7UF 35WV ELECTRO 100UF 50WV	YMICXT E KP	4,5,51 4,5 4,5

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C170			CE04LW1V101M	ELECTRO 100UF 35WV		
C171			CE04LW1H221M	ELECTRO 220UF 50WV		
C172			CE04LW1H100M	ELECTRO 10UF 50WV		
C173			CE04LW1V220M	ELECTRO 22UF 35WV		
C174,175			CK45FF1H103Z	CERAMIC 0.010UF Z		
C176,177			C91-1422-05	MP 0.10UF 250WV		
C179			CE04LW1A470M	ELECTRO 47UF 10WV		
C180			CK45FF1H473Z	CERAMIC 0.047UF Z		
C181			CK73FB1H103K	CHIP C 0.010UF K		
C201,202			C91-1422-05	MP 0.10UF 250WV		
C301,302			CK73FB1H103K	CHIP C 0.010UF K		
C303			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C304			CE04LW1C470M	ELECTRO 47UF 16WV		
C305			CE04LW1A101M	ELECTRO 100UF 10WV		
C306			CK73FB1H223K	CHIP C 0.022UF K		
C307			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C308			CK73FB1H103K	CHIP C 0.010UF K		
C309			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C310			CE04LW1HR22M	ELECTRO 0.22UF 50WV		
C311,312			CQ92FM1H123J	MYLAR 0.012UF J	YMICXT	
C311,312			CQ92FM1H223J	MYLAR 0.022UF J	E KP	
C313			CK45FF1H473Z	CERAMIC 0.047UF Z		
C315			CE04LW1C100M	ELECTRO 10UF 16WV		
C316			CK73FB1H681K	CHIP C 680PF K	TE	
C317			CC73FSL1H101J	CHIP C 100PF J		
C318			CK73FB1H152K	CHIP C 1500PF K	TE	
C319			CK73FB1H682K	CHIP C 6800PF K		
C320			CC73FSL1H101J	CHIP C 100PF J		
C322			CE04LW1C100M	ELECTRO 10UF 16WV		
C323			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C324			CE04LW1A101M	ELECTRO 100UF 10WV		
C325			CK45FF1H223Z	CERAMIC 0.022UF Z		
C326			CC73FCH1H220J	CHIP C 22PF J		
C327			CK73FB1H223K	CHIP C 0.022UF K		
C328			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C329			CC73FSL1H020C	CHIP C 2.0PF C	TE	
C330			CC73FCH1H220J	CHIP C 22PF J	TE	
C331			CC73FCH1H060D	CHIP C 6.0PF D	TE	
C332			CK73FB1H222K	CHIP C 2200PF K	T	
C333			CK73FB1H103K	CHIP C 0.010UF K		
C334			CC73FSL1H101J	CHIP C 100PF J	TE	
C343			CC73FSL1H471J	CHIP C 470PF J		
C344			CC73FCH1H220J	CHIP C 22PF J		
C345			CC73FCH1H270J	CHIP C 27PF J		
C346			C91-0757-05	CERAMIC 1000PF K		
C347,348			CK73FB1H102K	CHIP C 1000PF K		
C349			CE04LW1C470M	ELECTRO 47UF 16WV		
C350			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C351			CQ92FM1H223J	MYLAR 0.022UF J		
C352			CE04LW1A470M	ELECTRO 47UF 10WV		
C353			CK73FB1H103K	CHIP C 0.010UF K		
C354			CC73FSL1H101J	CHIP C 100PF J		
C355,356			CK73FB1H103K	CHIP C 0.010UF K		
C381			CE04LW1H0R1M	ELECTRO 0.1UF 50WV	TE	4.5

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C382,383			CE04LW1C470M	ELECTRO 47UF 16WV		
C385,386			CE04LW1C100M	ELECTRO 10UF 16WV		
C387,388			CQ92FM1H822J	MYLAR 8200PF J	YMIC	4.5
C401			CC73FCH1H330J	CHIP C 33PF J	TE	4.5
C402-405			CK73FB1H102K	CHIP C 1000PF K	TE	
C406			CK73FB1H333K	CHIP C 0.033UF K	KPYMIC	
C406			CK73FB1H333K	CHIP C 0.033UF K	XE	
C407			CK73FB1H333K	CHIP C 0.033UF K	T	
C408			CK73FB1E473K	CHIP C 0.047UF K		
C411			CC73FCH1H100D	CHIP C 10PF D	T	
C431,432			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
CN1			E40-4691-05	PIN ASSY		4.5
CN3			E40-3252-05	PIN ASSY		3,4,5
CN4			E40-3253-05	PIN ASSY		3,4,5
CN5		*	E40-9872-05	SOCKET FOR PIN ASSY		
CN6		*	E40-9871-05	PIN ASSY		
CN7			E40-4814-05	SOCKET FOR PIN ASSY		
CN8			E40-4815-05	PIN ASSY		
CN9		*	E40-9812-05	PIN ASSY		
CN10			E40-4858-05	SOCKET FOR PIN ASSY		
CN24			E40-4632-05	PIN ASSY		
J1		*	E63-0168-05	PHONO JACK		
J3,4	1H		E11-0220-05	MINIATURE PHONE JACK		
J3,4	2G		E11-0283-05	MINIATURE PHONE JACK		
J6	2G		E11-0280-05	PHONE JACK		
J8	2H		E70-0048-05	LOCK TERMINAL BOARD3,4,31,51	YMICXT	
J8	2H		E70-0048-05	LOCK TERMINAL BOARD3,4	E	
J8	2H		E70-0056-05	LOCK TERMINAL BOARD3,4 31,51	YMICXT	
J8	2H		E70-0056-05	LOCK TERMINAL BOARD3,4	E	
J8	2H		E70-0057-05	LOCK TERMINAL BOARD5	KP	
J8	2H		E70-0057-05	LOCK TERMINAL BOARD3,4		
J301	1H		E20-0321-05	LOCK TERMINAL BOARD(2P,F)	TE	
J301	1H		E20-0476-05	LOCK TERMINAL BOARD(4P)	KPYMIC	
J301	1H		E20-0476-05	LOCK TERMINAL BOARD(4P)	X	
J301	1H		E70-0051-05	LOCK TERMINAL BOARD	KPYMIC	
J301	1H		E70-0051-05	LOCK TERMINAL BOARD	X	
J301	1H		E70-0052-05	LOCK TERMINAL BOARD	TE	
Δ F1,2			F04-5022-05	FUSE (UL) (125V 5A UL)	KP	3
Δ F1,2			F05-4025-05	FUSE (SEMKO) (250V T4A L)	YMICXT	
Δ F1,2			F05-4025-05	FUSE (SEMKO) (250V T4A L)	E	
Δ F1,2			F05-6029-05	FUSE (UL) (125V 6A)	KP	
Δ F3			F05-2525-05	FUSE (SEMKO) (250V T2 5AL)	YMICXT	
Δ F3			F05-2525-05	FUSE (SEMKO) (250V T2 5AL)	E	
Δ F3			F05-4028-05	FUSE (UL) (125V 4A)	KP	
Δ F4			F04-5022-05	FUSE (UL) (125V 5A UL)	KP	
Δ F4			F06-3027-05	FUSE (UL) (250V 3A)	KP	
Δ F5			F06-2021-05	FUSE (SEMKO) (250V T2AL)	YMI	
Δ F6			F50-0062-05	FUSE(6X20)	KP	
Δ F7			F06-2021-05	FUSE (SEMKO) (250V T2AL)	YMI	
J302		*	F10-0945-04	SHIELDING PLATE	KPYMIC	
J302		*	F10-0945-04	SHIELDING PLATE	X	
J302		*	F10-0997-04	SHIELDING PLATE	TE	
CN12-17			J13-0075-05	FUSE CLIP		

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PARTS LIST

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
CN18,19 CN20,21 CN22,23 CN25,26 J9,10			J13-0075-05 J13-0075-05 J13-0075-05 J13-0075-05 J11-0809-05	FUSE CLIP FUSE CLIP FUSE CLIP FUSE CLIP WIRE CLAMPER	KP YMI KP YMI	
J13			J11-0809-05	WIRE CLAMPER		
CF301,302 CF301,302 CF301,302 L1,2 L301			L72-0531-05 L72-0531-05 L72-0536-05 L39-0085-05 L40-1091-17	CERAMIC FILTER CERAMIC FILTER CERAMIC FILTER PHASE COMPENSATION COIL SMALL FIXED INDUCTOR(1UH)	KPYMIC X TE TE	
L302 L303 L304 L305 L306		*	L40-1001-17 L40-1091-17 L30-0921-05 L30-0911-05 L79-1227-05	SMALL FIXED INDUCTOR(10UH,K) SMALL FIXED INDUCTOR(1UH) FM IFT AM IFT LC FILTER	TE	
L307 L307 L307 X301		*	L39-1338-05 L39-1339-05 L39-1339-05 L77-1122-05	COMBINATION COIL COMBINATION COIL COMBINATION COIL CRYSTAL RESONATOR(7.2MHZ)	TE T KPYMIC XE	
R3,4 R3,4 R11 R12 R15,16			RK73FB2B124J RK73FB2B333J RK73FB2A224J RK73FB2B224J RK73FB2A224J	CHIP R 120K J 1/8W CHIP R 33K J 1/8W CHIP R 220K J 1/10W CHIP R 220K J 1/8W CHIP R 220K J 1/10W		4,5,51 3,31
R17,18 R19,20 R21,22 R27,28 R31,32			RK73FB2A222J RK73FB2A102J RK73FB2A224J RK73FB2A223J RK73FB2A103J	CHIP R 2.2K J 1/10W CHIP R 1.0K J 1/10W CHIP R 220K J 1/10W CHIP R 22K J 1/10W CHIP R 10K J 1/10W		
R35,36 R37,38 R41,42 R43,44 R45,46			RK73FB2A562J RK73FB2A272J RK73FB2A102J RK73FB2A183J RK73FB2A102J	CHIP R 5.6K J 1/10W CHIP R 2.7K J 1/10W CHIP R 1.0K J 1/10W CHIP R 18K J 1/10W CHIP R 1.0K J 1/10W		
R47,48 R77,80 R81,84 R91,92 R93,96			RK73FB2A103J RD14NB2E100J RS14KB3DR22J RD14NB2E4R7J RD14NB2E681J	CHIP R 10K J 1/10W RD 10 J 1/4W FL-PROOF RS 0.22 J 2W RD 4.7 J 1/4W RD 680 J 1/4W		
R102,103 R104 R105 R114 R115			RD14NB2E100J RK73FB2A102J RD14NB2E101J RK73FB2B102J RK73FB2A621J	RD 10 J 1/4W CHIP R 1.0K J 1/10W RD 100 J 1/4W CHIP R 1.0K J 1/8W CHIP R 620 J 1/10W		
R116 R117 R118 R121 R122			RK73FB2A473J RK73FB2B102J RK73FB2A621J RK73FB2A473J RK73FB2A751J	CHIP R 47K J 1/10W CHIP R 1.0K J 1/8W CHIP R 620 J 1/10W CHIP R 47K J 1/10W CHIP R 750 J 1/10W		
R123 R125 R127,128 R130,131			RK73FB2A473J RK73FB2A103J RD14NB2E102J RK73FB2A333J	CHIP R 47K J 1/10W CHIP R 10K J 1/10W RD 1.0K J 1/4W CHIP R 33K J 1/10W		

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R132 R133 R134 R135,136 R137			RK73FB2A101J RK73FB2A225J RK73FB2A563J RK73FB2A333J RK73FB2A563J	CHIP R 100 J 1/10W CHIP R 2.2M J 1/10W CHIP R 56K J 1/10W CHIP R 33K J 1/10W CHIP R 56K J 1/10W		31,51 31,51 31,51 31,51 31,51
R138 R140 R141 R142,143 R144-146			RK73FB2A333J RK73FB2A153J RD14NB2E121J RK73FB2A103J RK73FB2A224J	CHIP R 33K J 1/10W CHIP R 15K J 1/10W RD 120 J 1/4W CHIP R 10K J 1/10W CHIP R 220K J 1/10W		31,51 31,51 31,51 31,51 31,51
R148,149 R153 R171,172 R173 R178			RK73FB2A101J RD14NB2E101J RS14KB3D102J RS14KB3A152J RS14KB3D221J	CHIP R 100 J 1/10W RD 100 J 1/4W FL-PROOF RS 1.0K J 2W FL-PROOF RS 1.5K J 1W FL-PROOF RS 220 J 2W		5
R181 R184 R187,188 R189,190 R195,196	Δ		RS14KB3D221J R92-1769-05 RD14NB2E4R7J RS14KB3D102J RK73FB2A101J	FL-PROOF RS 220 J 2W CARBON 3.3M J 1/2W RD 4.7 J 1/4W FL-PROOF RS 1.0K J 2W CHIP R 100 J 1/10W	KP TE	3,4,31,51
R195,196 R197 R198 R199,200 R199,200			RK73FB2A822J RK73FB2A101J RD14NB2E2R2J RK73FB2A103J RK73FB2A224J	CHIP R 8.2K J 1/10W CHIP R 100 J 1/10W RD 2.2 J 1/4W CHIP R 10K J 1/10W CHIP R 220K J 1/10W	KP	5 3,4,31,51
R302 R303 R304 R305 R306			RK73FB2A681J RK73FB2A331J RK73FB2A100J RK73FB2A331J RK73FB2A332J	CHIP R 680 J 1/10W CHIP R 330 J 1/10W CHIP R 10 J 1/10W CHIP R 330 J 1/10W CHIP R 3.3K J 1/10W		
R307 R308 R311 R312 R314			RK73FB2A101J RK73FB2A331J RK73FB2A103J RK73FB2A392J RK73FB2A473J	CHIP R 100 J 1/10W CHIP R 330 J 1/10W CHIP R 10K J 1/10W CHIP R 3.9K J 1/10W CHIP R 47K J 1/10W		
R318 R319 R320 R322 R322			RK73FB2A562J RK73FB2A332J RK73FB2A222J RK73FB2A123J RK73FB2A123J	CHIP R 5.6K J 1/10W CHIP R 3.3K J 1/10W CHIP R 2.2K J 1/10W CHIP R 12K J 1/10W CHIP R 12K J 1/10W	TE TE TE KPYMIC X	
R322 R324 R325 R332-334 R337			RK73FB2A223J RD14NB2E121J RK73FB2A473J RK73FB2A102J RK73FB2A122J	CHIP R 22K J 1/10W RD 120 J 1/4W CHIP R 47K J 1/10W CHIP R 1.0K J 1/10W CHIP R 1.2K J 1/10W	TE TE TE	
R339,340 R341 R342 R342 R342			RK73FB2A102J RD14NB2E561J RK73FB2A102J RK73FB2A103J RK73FB2A103J	CHIP R 1.0K J 1/10W RD 560 J 1/4W CHIP R 1.0K J 1/10W CHIP R 10K J 1/10W CHIP R 10K J 1/10W	TE KPYMIC X	
R344 R345 R348 R349 R361			RK73FB2A222J RD14NB2E101J RK73FB2A152J RK73FB2A223J RK73FB2A104J	CHIP R 2.2K J 1/10W RD 100 J 1/4W CHIP R 1.5K J 1/10W CHIP R 22K J 1/10W CHIP R 100K J 1/10W	T TE	4,5

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R362			RK73FB2A473J	CHIP R 47K J 1/10W	TE	4.5
R363			RK73FB2A683J	CHIP R 68K J 1/10W	TE	4.5
R365			RK73FB2A102J	CHIP R 1.0K J 1/10W	TE	4.5
R366			RK73FB2A104J	CHIP R 1.0K J 1/10W	TE	4.5
R367			RK73FB2A102J	CHIP R 1.0K J 1/10W	TE	4.5
R372			RK73FB2A153J	CHIP R 15K J 1/10W	TE	
R372			RK73FB2A332J	CHIP R 3.3K J 1/10W	KPYMIC	
R372			RK73FB2A332J	CHIP R 3.3K J 1/10W	X	
R373,374			RK73FB2A561J	CHIP R 560 J 1/10W	YMIC	
R375,376			RK73FB2A473J	CHIP R 47K J 1/10W	YMIC	
R381,382			RD14NB2E101J	RD 100 J 1/4W		
R383,384			RK73FB2A103J	CHIP R 10K J 1/10W		
R385,386			RK73FB2A822J	CHIP R 8.2K J 1/10W		
R387,388			RK73FB2A473J	CHIP R 47K J 1/10W		
R389,390			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R391			RK73FB2A473J	CHIP R 47K J 1/10W		
R392			RK73FB2A821J	CHIP R 820 J 1/10W		
R393			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R395			RK73FB2A103J	CHIP R 10K J 1/10W		
R396			RK73FB2A473J	CHIP R 47K J 1/10W	T	
R402			RK73FB2A153J	CHIP R 15K J 1/10W	T	
R403			RK73FB2A105J	CHIP R 1.0M J 1/10W	T	
R405			RK73FB2A104J	CHIP R 100K J 1/10W		
R406			RK73FB2A103J	CHIP R 10K J 1/10W	T	
R407			RD14NB2E221J	RD 220 J 1/4W		
R408			RD14NB2E820J	RD 82 J 1/4W		
R409			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R423			RK73FB2A103J	CHIP R 10K J 1/10W	TE	4.5
R424,425			RK73FB2A223J	CHIP R 22K J 1/10W	TE	4.5
R426			RK73FB2A104J	CHIP R 100K J 1/10W	TE	4.5
R427			RK73FB2A181J	CHIP R 180 J 1/10W	TE	4.5
R428			RK73FB2A471J	CHIP R 470 J 1/10W	TE	4.5
R429			RK73FB2A681J	CHIP R 680 J 1/10W	TE	4.5
R430			RK73FB2A104J	CHIP R 100K J 1/10W	TE	4.5
R431			RK73FB2A621J	CHIP R 620 J 1/10W	TE	4.5
R432			RK73FB2A750J	CHIP R 75 J 1/10W	TE	4.5
R433			RK73FB2A122J	CHIP R 1.2K J 1/10W	TE	4.5
R501			RK73EB2B513J	CHIP R 51K J 1/8W		4.5
R502			RK73FB2A513J	CHIP R 51K J 1/10W		4.5
R503,504			RK73FB2A333J	CHIP R 33K J 1/10W		4.5
VR1	2G		R31-0028-05	VARIABLE RESISTOR		
W401-403			R92-0670-05	CHIP R 0 OHM	KPYMIC	
W401-403			R92-0670-05	CHIP R 0 OHM	XE	
W404			R92-0679-05	CHIP R 0 OHM		
W405			R92-0670-05	CHIP R 0 OHM	TE	4.5
W406			R92-0670-05	CHIP R 0 OHM	KPYMIC	
W406			R92-0670-05	CHIP R 0 OHM	XE	
W407			R92-0670-05	CHIP R 0 OHM		
W408			R92-0679-05	CHIP R 0 OHM		
W409			R92-0670-05	CHIP R 0 OHM	KPYMIC	
W409			R92-0670-05	CHIP R 0 OHM	X	
W410			R92-0670-05	CHIP R 0 OHM		
W414			R92-0679-05	CHIP R 0 OHM		
W500-507			R92-0670-05	CHIP R 0 OHM		
W511,512			R92-0670-05	CHIP R 0 OHM		3.4

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W513-516			R92-0670-05	CHIP R 0 OHM		5
W518			R92-0670-05	CHIP R 0 OHM		
W600-610			R92-0679-05	CHIP R 0 OHM		4,5,51
W611,612			R92-0679-05	CHIP R 0 OHM		
W613			R92-0679-05	CHIP R 0 OHM		
W614			R92-0679-05	CHIP R 0 OHM		4,5,51
W615			R92-0679-05	CHIP R 0 OHM		
W616			R92-0679-05	CHIP R 0 OHM		4,5,51
W617			R92-0679-05	CHIP R 0 OHM		
W619-624			R92-0679-05	CHIP R 0 OHM		
W625			R92-0679-05	CHIP R 0 OHM		
W626-628			R92-0679-05	CHIP R 0 OHM		
W633			R92-0679-05	CHIP R 0 OHM		
K1		*	S76-0042-05	MAGNETIC RELAY		5
K2		*	S76-0043-05	MAGNETIC RELAY		
S1		*	S62-0055-05	SLIDE SWITCH	YMICXT	3,4,31
S1		*	S62-0055-05	SLIDE SWITCH	E	3,4,31
S2		*	S62-0001-05	SLIDE SWITCH	YMIC	
S301		*	S62-0056-05	SLIDE SWITCH		
D3,4			HSS104A	DIODE		
D3,4			1SS131	DIODE		
D7,8			MA111	DIODE		
D9			MTZJ4.7(B)	ZENER DIODE		
D9			UZ-4.7BSB	ZENER DIODE		
D10,11			HSS104A	DIODE		
D10,11			1SS131	DIODE		
D12			MTZJ6.2(B)	ZENER DIODE		31,51
D12			UZ-6.2BSB	ZENER DIODE		31,51
D13			MTZJ4.7(B)	ZENER DIODE		
D13			UZ-4.7BSB	ZENER DIODE		
D14			S5688B	DIODE		
D14			1SR139-100	DIODE		
D15-18			HSS104A	DIODE		
D15-18			1SS131	DIODE		
D19,20			MTZJ15(B)	ZENER DIODE	YMXTE	3
D19,20			MTZJ15(B)	ZENER DIODE	IC	31
D19,20			MTZJ16(B)	ZENER DIODE	YMICXT	51
D19,20			MTZJ18(B)	ZENER DIODE	YMICXT	4
D19,20			MTZJ18(B)	ZENER DIODE	E	4
D19,20			MTZJ24(B)	ZENER DIODE		5
D19,20			MTZJ24(B)	ZENER DIODE	KP	4
D19,20			MTZJ30(B)	ZENER DIODE	KP	3
D19,20			UZ-15BSB	ZENER DIODE	YMXTE	3
D19,20			UZ-15BSB	ZENER DIODE	IC	3
D19,20			UZ-16BSB	ZENER DIODE	YMICXT	5
D19,20			UZ-18BSB	ZENER DIODE	YMICXT	4
D19,20			UZ-18BSB	ZENER DIODE	E	4
D19,20			UZ-24BS	ZENER DIODE		5
D19,20			UZ-24BS	ZENER DIODE	KP	4
D19,20			UZ-30BS	ZENER DIODE	KP	3
D21,22			MTZJ10(B)	ZENER DIODE	KP	4
D21,22			MTZJ11(B)	ZENER DIODE	YMIC	4
D21,22			MTZJ13(B)	ZENER DIODE	XTMIC	4
D21,22			MTZJ4.7(B)	ZENER DIODE	YMIC	5

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
D21, 22			MTZJ8.2(B)	ZENER DIODE	XTE	5
D21, 22			UZ-10BSB	ZENER DIODE	KP	4,5
D21, 22			UZ-11BSB	ZENER DIODE	YMIC	4
D21, 22			UZ-13BSB	ZENER DIODE	XTMIC	4,51
D21, 22			UZ-4.7BSB	ZENER DIODE	YMIC	5
D21, 22			UZ-8.2BSB	ZENER DIODE	XTE	5
D23, 24			HSS104A	DIODE		
D23, 24			1SS131	DIODE		
D25			MTZJ5.6(B)	ZENER DIODE		
D25			UZ-5.6BSB	ZENER DIODE		
D26			KBP02ML-6127	DIODE		
D27			MTZJ13(B)	ZENER DIODE		
D27			UZ-13BSB	ZENER DIODE		
D28			HSS104A	DIODE		5
D28			1SS131	DIODE		5
D29-32			HSS104A	DIODE		
D29-32			1SS131	DIODE		
D33, 34			S5688B	DIODE		
D33, 34			1SR139-100	DIODE		
D35, 36			HSS104A	DIODE		
D35, 36			1SS131	DIODE		
D37-40			S5688B	DIODE		
D37-40			1SR139-100	DIODE		
D41, 42			MTZJ16(B)	ZENER DIODE		
D41, 42			UZ-16BSB	ZENER DIODE		
D43			HSS104A	DIODE		
D43			1SS131	DIODE		
D44			D3SBA20F03	DIODE		
D44			RBV-402LFA	DIODE		
D45			S5688B	DIODE		
D45			1SR139-100	DIODE		
D46			MTZJ5.6(B)	ZENER DIODE		
D46			UZ-5.6BSB	ZENER DIODE		
D47			MTZJ3.9(B)	ZENER DIODE		
D47			UZ-3.9BSB	ZENER DIODE		
D48			HSS104A	DIODE		
D48			1SS131	DIODE		
D49			MTZJ5.1(B)	ZENER DIODE		
D49			UZ-5.1BSB	ZENER DIODE		
D50			S5688B	DIODE		
D50			1SR139-100	DIODE		
D301			MTZJ6.8(B)	ZENER DIODE		
D301			UZ-6.8BSB	ZENER DIODE		
D302			HSS104	DIODE		
D302			1SS133	DIODE		
D306			HSS104	DIODE		
D306			1SS133	DIODE		
D308			MTZJ5.1(B)	ZENER DIODE		
D308			UZ-5.1BSB	ZENER DIODE		
D309			HSS104	DIODE	TE	4,5
D309		*	1SS133	DIODE	TE	4,5
D310			1SS268	DIODE	TE	4,5
D311, 312			HSS104	DIODE		
D311, 312		*	1SS133	DIODE		
D314			HSS104	DIODE	TE	4,5

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
D314		*	1SS133	DIODE	TE	4,5
D315			MTZJ3.3(B)	ZENER DIODE		
D315			UZ-3.3BSB	ZENER DIODE		
IC1			NJU7313AM	ANALOGUE IC		
IC2			NJM4565MD	IC(OP AMP X2)		
IC3		*	TDA7431	ANALOGUE IC		
IC4			NJM4565MD	IC(OP AMP X2)		
IC5			BU4094BCF	MOS-IC		
IC6			M65844P	IC(DIGITAL ECHO)		31,51
IC7			BU4066BCF	IC(ANALOG SWITCH X4)		31,51
IC8			TA78057S	IC(VOLTAGE REGULATOR/+5.75V)		
IC50			NJM4565MD	IC(OP AMP X2)		4,5
IC301		*	BA1450S	ANALOGUE IC		
IC302			LC72131	MOS-IC		
IC303			NJM4565D	IC(OP AMP X2)		
IC305			M5223P	IC(OP AMP X2)	TE	4,5
Q1, 2			2SC2878(B)	TRANSISTOR		
Q3-6			2SC1845(F,E)	TRANSISTOR		
Q3-6			2SC2389S(S,E)	TRANSISTOR		3,5,31,51
Q7,8			2SA992(F,E)	TRANSISTOR		
Q9,10			2SC1845(F,E)	TRANSISTOR		5,31,51
Q9,10			2SC1845(F,E)	TRANSISTOR	E	3,4
Q9,10			2SC1845(F,E)	TRANSISTOR	YMICXT	3,4
Q9,10			2SC2389S(S,E)	TRANSISTOR		5,31,51
Q9,10			2SC2389S(S,E)	TRANSISTOR	YMXT	3
Q11, 12			2SC4137F50(V,V)	TRANSISTOR		
Q13, 14			2SD2389	TRANSISTOR	KP	4,5
Q13, 14			2SD2493	TRANSISTOR	YMICXT	4,5
Q13, 14			2SD2493	TRANSISTOR	E	4,5
Q13, 14			2SD2493	TRANSISTOR		3,31,51
Q15, 16			2SB1559	TRANSISTOR	KP	4,5
Q15, 16			2SB1624	TRANSISTOR	YMICXT	4,5
Q15, 16			2SB1624	TRANSISTOR	E	4,5
Q15, 16			2SB1624	TRANSISTOR		3,31,51
Q17, 18			2SC2003(L,K)	TRANSISTOR		
Q50, 51			DTC124EU	DIGITAL TRANSISTOR		
Q50, 51			UN5212	TRANSISTOR		
Q52			2SA1175(F,E)	TRANSISTOR		
Q52			2SA933S(Q,R)	TRANSISTOR		
Q53			2SC1740S(Q,R)	TRANSISTOR		
Q53			2SC2785(F,E)	TRANSISTOR		
Q54			2SA1175(F,E)	TRANSISTOR		
Q54			2SA933S(Q,R)	TRANSISTOR		
Q55, 56			2SC2003(L,K)	TRANSISTOR		
Q57			2SA1175(F,E)	TRANSISTOR		
Q57			2SA933S(Q,R)	TRANSISTOR		
Q58			2SA954(L,K)	TRANSISTOR		
Q59			2SD1893	TRANSISTOR	YMICXT	
Q59			2SD1893	TRANSISTOR	E	
Q59			2SD1894	TRANSISTOR	KP	
Q60, 61			2SC4081(R,S)	TRANSISTOR		
Q60, 61			2SD1819A(Q,R)	TRANSISTOR		
Q62			2SC2003(L,K)	TRANSISTOR		5
Q63, 64			2SB1370	TRANSISTOR		
Q63, 64			2SB1375	TRANSISTOR		

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RXD-G3/G4/G5/G31/G51 PARTS LIST

PARTS LIST

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
Q65			2SC2003(L,K)	TRANSISTOR		
Q66			2SA1286	TRANSISTOR		
Q301			2SC2714(R,O)	TRANSISTOR		
Q302			2SA1576(R,S)	TRANSISTOR		
Q302		*	2SB1218A(Q,R)	TRANSISTOR		
Q304-306			2SC4081(R,S)	TRANSISTOR		
Q304-306			2SD1819A(Q,R)	TRANSISTOR		
Q307			2SA1576(R,S)	TRANSISTOR		
Q307		*	2SB1218A(Q,R)	TRANSISTOR		
Q308			2SC4081(R,S)	TRANSISTOR		
Q308			2SD1819A(Q,R)	TRANSISTOR		
Q309			2SD1819A(Q,R)	TRANSISTOR		
Q309			2SA1576(R,S)	TRANSISTOR		
Q310			2SA1576(R,S)	TRANSISTOR		
Q310		*	2SB1218A(Q,R)	TRANSISTOR		
Q311			2SC2878(B)	TRANSISTOR		
Q312			2SC4081(R,S)	TRANSISTOR		
Q312			2SD1819A(Q,R)	TRANSISTOR		
Q313			2SA1576(R,S)	TRANSISTOR		
Q313		*	2SB1218A(Q,R)	TRANSISTOR		
Q314			2SC1740S(Q,R)	TRANSISTOR		
Q314			2SC2785(F,E)	TRANSISTOR		
Q315,316			2SC4081(R,S)	TRANSISTOR		
Q315,316			2SD1819A(Q,R)	TRANSISTOR		
A301		*	W02-2539-05	FM FRONT-END ASSY		
A301		*	W02-2539-05	FM FRONT-END ASSY		
A301		*	W02-2540-05	FM FRONT-END ASSY		
SUB CIRCUIT (X13-7360-00)						
C1,2			CE04LW1HR33M	ELECTRO	0.33UF	50VV
C3-8			CE04LW1H100M	ELECTRO	10UF	50VV
C9			CQ92FM1H472J	MYLAR	4700PF	J
C10			CE04LW1HR47M	ELECTRO	0.47UF	50VV
C11			CC45FSL1H050C	CERAMIC	5.0PF	C
C13			CE04LW1C101M	ELECTRO	100UF	16VV
C14			CQ92FM1H104J	MYLAR	0.10UF	J
C15,16			CC45FSL1H101J	CERAMIC	100PF	J
C20			CE04LW1C220M	ELECTRO	22UF	16VV
CN1			E40-4690-05	PIN ASSY		
D1			MTZJ8.2(B)	ZENER DIODE		
D1			UZ-8.2BSB	ZENER DIODE		
IC1			NJM4565D	IC(OP AMP X2)		
IC2			TDA7309	ANALOGUE IC		
IC3			NJM4565D	IC(OP AMP X2)		
DISPLAY UNIT (X14-41XX-XX)						
D57-61			B30-2462-05	LED(GRN)		
D62-65			B30-2476-05	LED(GRN & RED)		
D66			B30-2462-05	LED(GRN)		
D67-69			B30-2476-05	LED(GRN & RED)		
C1			C90-3216-05	ELECTRO	330UF	6.3VV
C2			CK73FB1E104K	CHIP C	0.10UF	K
C3			CK73FB1H223K	CHIP C	0.022UF	K
C4,5			C90-3253-05	ELECTRO	1.0UF	50VV
C6			CK73FB1H103K	CHIP C	0.010UF	K

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C7			C90-3253-05	ELECTRO	1.0UF	50VV
C8			CC73FCH1H220J	CHIP C	22PF	J
C9			CC73FCH1H180J	CHIP C	18PF	J
C10,11			CK73FB1H103K	CHIP C	0.010UF	K
C12			CE04LW1H100M	ELECTRO	10UF	50VV
C13			CC73FSL1H102J	CHIP C	1000PF	J
C14-16			CC73FSL1H101J	CHIP C	100PF	J
C17-20			CK73FB1E104K	CHIP C	0.10UF	K
C21			C90-3258-05	ELECTRO	10UF	50VV
C22			CC73FSL1H102J	CHIP C	1000PF	J
C23			CC73FSL1H271J	CHIP C	270PF	J
C24			CK73FB1H103K	CHIP C	0.010UF	K
C25,26			CK73EF1E105Z	CHIP C	1.0UF	Z
C30			CE04LW1A470M	ELECTRO	47UF	10VV
C31			CK73FB1H103K	CHIP C	0.010UF	K
CN1			E40-4857-05	PIN ASSY		
CN2			E40-4789-05	PIN ASSY	4.5	
CN3		*	E40-4902-05	FLAT CABLE CONNECTOR		
X1			L77-2111-05	CRYSTAL RESONATOR(32.768KHZ)		
X2			L78-0605-05	RESONATOR (8.38MHZ)		
CP1			R90-0949-05	MULTIPLE RESISTOR		
CP2			R90-0802-05	MULTI-COMP	100KX10	J 1/4W
R5			RK73FB2A102J	CHIP R	10K	J 1/10W
R6			RK73FB2A103J	CHIP R	10K	J 1/10W
R8			RK73FB2A104J	CHIP R	100K	J 1/10W
R9			RK73FB2A102J	CHIP R	1.0K	J 1/10W
R10			RK73FB2A103J	CHIP R	10K	J 1/10W
R11			RK73FB2A101J	CHIP R	100	J 1/10W
R12			RK73FB2A474J	CHIP R	470K	J 1/10W
R13			RK73FB2A475K	CHIP R	4.7M	K 1/10W
R15			RK73FB2A101J	CHIP R	100	J 1/10W
R16			RK73FB2A472J	CHIP R	4.7K	J 1/10W
R17,18			RK73FB2A103J	CHIP R	10K	J 1/10W
R22-27			RK73FB2A103J	CHIP R	10K	J 1/10W
R32,33			RK73FB2A562J	CHIP R	5.6K	J 1/10W
R34			RK73FB2A473J	CHIP R	47K	J 1/10W
R37,38			RK73FB2A104J	CHIP R	100K	J 1/10W
R39			RK73FB2A473J	CHIP R	47K	J 1/10W
R41			RK73FB2A473J	CHIP R	47K	J 1/10W
R47,48			RK73FB2A103J	CHIP R	10K	J 1/10W
R49,50			RK73FB2A473J	CHIP R	47K	J 1/10W
R52			RK73FB2A223J	CHIP R	22K	J 1/10W
R54			RK73FB2A223J	CHIP R	22K	J 1/10W
R56			RK73FB2A223J	CHIP R	22K	J 1/10W
R57			RK73FB2A103J	CHIP R	10K	J 1/10W
R58			RK73FB2A223J	CHIP R	22K	J 1/10W
R59			RK73FB2A103J	CHIP R	10K	J 1/10W
R60			RK73FB2A223J	CHIP R	22K	J 1/10W
R61			RK73FB2A103J	CHIP R	10K	J 1/10W
R62			RK73FB2A223J	CHIP R	22K	J 1/10W
R63			RK73FB2A103J	CHIP R	10K	J 1/10W
R64			RK73FB2A223J	CHIP R	22K	J 1/10W
R65			RK73FB2A103J	CHIP R	10K	J 1/10W
R66			RK73FB2A223J	CHIP R	22K	J 1/10W

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R67			RK73FB2A103J	CHIP R 10K J 1/10W	YMIC	
R68			RK73FB2A223J	CHIP R 22K J 1/10W		
R69			RK73FB2A103J	CHIP R 10K J 1/10W		
R70			RK73FB2A223J	CHIP R 22K J 1/10W		
R72			RK73FB2A103J	CHIP R 10K J 1/10W		
R73			RK73FB2A223J	CHIP R 22K J 1/10W	YMIC	
R74			RK73FB2A103J	CHIP R 10K J 1/10W		
R77, 78			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R82, 83			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R100, 101			RK73FB2A101J	CHIP R 100 J 1/10W		
R103			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R104			RK73FB2A103J	CHIP R 10K J 1/10W		
R105			RK73FB2A104J	CHIP R 100K J 1/10W		
R106			RK73FB2A103J	CHIP R 10K J 1/10W		
R110			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R111			RK73FB2A473J	CHIP R 47K J 1/10W		
R112-115			RK73FB2A101J	CHIP R 100 J 1/10W		
R117-120			RK73FB2A101J	CHIP R 100 J 1/10W		
R122			RK73EB2B331J	CHIP R 330 J 1/8W		
R124			RK73EB2B331J	CHIP R 330 J 1/8W		
R129			RK73FB2A101J	CHIP R 100 J 1/10W	TE	4,5
R130-132			RD14BB2C101J	RD 100 J 1/6W		
R133			RK73FB2A101J	CHIP R 100 J 1/10W		
R150-153			RK73FB2A473J	CHIP R 47K J 1/10W		
R154-160			RK73FB2A104J	CHIP R 100K J 1/10W		
R200			RK73EB2B473J	CHIP R 47K J 1/8W		
W302, 303			R92-0679-05	CHIP R 0 OHM		
W305			R92-0679-05	CHIP R 0 OHM		
W307			R92-0679-05	CHIP R 0 OHM		
W308-310			R92-0679-05	CHIP R 0 OHM		
W311			R92-0679-05	CHIP R 0 OHM		
W312-314			R92-0679-05	CHIP R 0 OHM		
W317, 318			R92-0679-05	CHIP R 0 OHM		
W319			R92-0679-05	CHIP R 0 OHM		
W320			R92-0679-05	CHIP R 0 OHM		
W322-326			R92-0679-05	CHIP R 0 OHM		
W330			R92-0679-05	CHIP R 0 OHM		
W335			R92-0679-05	CHIP R 0 OHM		
W341			R92-0679-05	CHIP R 0 OHM		
W351			R92-0679-05	CHIP R 0 OHM		
W355			R92-0679-05	CHIP R 0 OHM		
S1-3			S70-0031-05	TACT SWITCH		
S4-6			S70-0031-05	TACT SWITCH		
S7-32			S70-0031-05	TACT SWITCH		
S33		*	T99-0570-05	ROTARY ENCODER		
D1-4			MA111	DIODE	TE XT	
D5-10			HSS104A	DIODE		
D5-10			1SS131	DIODE		
D12			MA111	DIODE		
D13			MA111	DIODE		
D14			MA111	DIODE	XYMICE	51 4,5
D15			MA111	DIODE		
D16			MA111	DIODE		

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D17			MA111	DIODE		5
D19 -22			HSS104A	DIODE		
D19 -22			1SS131	DIODE		
D23			MA111	DIODE		
D24 -27			HSS104A	DIODE		
D24 -27			1SS131	DIODE		
D32 -34			MA111	DIODE		
D42 ,43			MA111	DIODE		
D44 ,45			HSS104A	DIODE		
D44 ,45			1SS131	DIODE		
D47			HSS104A	DIODE		
D47			1SS131	DIODE		
D48			MA111	DIODE		
D49			HSS104A	DIODE		
D49			1SS131	DIODE		
D52			MTZJ6.8(B)	ZENER DIODE		
D52			UZ-6.8BSB	ZENER DIODE		
D53 -56			HSS104A	DIODE		
D53 -56			1SS131	DIODE		
D71 -74			HSS104A	DIODE		
D71 -74			1SS131	DIODE		
D75			MA111	DIODE	YMIC	
D77			HSS104A	DIODE		
D77			1SS131	DIODE		
D80			HSS104A	DIODE		
D80			1SS131	DIODE		
ED1		*	BJ428GK	INDICATOR TUBE		3,31
ED1		*	FIP10FMV6R	INDICATOR TUBE		4,5,51
IC1		*	M38198MC-069FP	MI-COM IC	KPYMIC	4,5
IC1		*	M38198MC-069FP	MI-COM IC	X	4,5
IC1		*	M38198MC-069FP	MI-COM IC		3,51
IC1		*	M38199MF-051FP	MI-COM IC	TE	4,5
IC2		*	NJU3718L	MOS-IC		
IC3		*	PST993D-T	ANALOGUE IC		
IC3		*	S 806D-Z	ANALOGUE IC		
IC4		*	BA3835F	ANALOGUE IC		
Q2,3			2SC4081	TRANSISTOR		
Q8,9			2SC4081	TRANSISTOR		
Q11			2SC4081	TRANSISTOR		
Q12 -22			2SA1576A(R,S)	TRANSISTOR	YMIC	
Q12 -22		*	2SB1218A(Q,R)	TRANSISTOR	YMIC	
Q13 -22		*	2SA1576A(R,S)	TRANSISTOR	KPXTTE	
Q13 -22		*	2SB1218A(Q,R)	TRANSISTOR	KPXTTE	
A1	31		W02-1191-05	ELECTRIC CIRCUIT MODULE		
A1	31		W02-2537-05	ELECTRIC CIRCUIT MODULE		
RECORD/PLAY BACK UNIT (X28-2770-XX)						
C1,2			CK45FB1H681K	CERAMIC 680PF K		
C3,4			CE04LW1H100M	ELECTRO 10UF 50WV		
C5,6			CK45FB1H391K	CERAMIC 390PF K		
C7,8			CE04LW1C470M	ELECTRO 47UF 16WV		
C9,10			CQ92FM1H153J	MYLAR 0.015UF J		
C11 ,12			CK45FB1H222K	CERAMIC 2200PF K		
C13 -16			CC45FSL1H221J	CERAMIC 220PF J		
C17 ,18			CC45FSL1H221J	CERAMIC 220PF J		3,4

L : Scandinavia K : USA P : Canada 3 : RXD-G3 4 : RXD-G4
Y : PX(Far East, Hawaii) T : Europe E : Europe 5 : RXD-G5 31 : RXD-G31
Y : AAFES(Europe) X : Australia M : Other Areas 51 : RXD-G51
C : China I : Malaysia Δ indicates safety critical components.

RXD-G3/G4/G5/G31/G51 PARTS LIST

RXD-G3/G4/G5/G31/G51

PARTS LIST

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* New Parts
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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C19, 20			CK45FB1H681K	CERAMIC 680PF K		
C21, 22			CE04LW1H100M	ELECTRO 10UF 50WV		
C23, 24			CK45FB1H391K	CERAMIC 390PF K		
C25, 26			CE04LW1C470M	ELECTRO 47UF 16WV		
C27, 28			CQ92FM1H223J	MYLAR 0.022UF J		
C29, 30			CK45FB1H682K	CERAMIC 6800PF K		
C31, 32			CE04LW1H47M	ELECTRO 0.47UF 50WV		
C33, 34			CQ92FM1H333J	MYLAR 0.033UF J		
C35, 36			CK45FB1H222K	CERAMIC 2200PF K		
C37-40			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C41, 42			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C43, 44			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C45, 46			CE04LW1H100M	ELECTRO 10UF 50WV		
C47, 48			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C49, 50			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C51, 52			CE04LW1A101M	ELECTRO 100UF 10WV		
C53, 54			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		4,5,51
C55, 56			C91-1436-05	FILM 220PF J		4,5,51
C57, 58			C91-1434-05	FILM 150PF J		4,5,51
C59-62			CK45FF1H223Z	CERAMIC 0.022UF Z		4,5,51
C63, 64			CK45FB1H561K	CERAMIC 560PF K		4,5,51
C65, 66			CK45FF1H103Z	CERAMIC 0.010UF Z		4,5,51
C67, 68			CE04LW1HR33M	ELECTRO 0.33UF 50WV		4,5,51
C101			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C102			CE04LW1C220M	ELECTRO 22UF 16WV		
C103			CE04LW1C101M	ELECTRO 100UF 16WV		
C104			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C105			CQ92FM1H103J	MYLAR 0.010UF J		
C106			CK45FB2H471K	CERAMIC 470PF K		4,5,51
C107			CQ93HP2A103J	MYLAR 0.010UF J		3,31
C107			CQ93HP2A822J	MYLAR 8200PF J		4,5,51
C108			CC45FSL2H100D	CERAMIC 10PF D		
C109			CE04LW1H100M	ELECTRO 10UF 50WV		
C110			CQ92FM1H103J	MYLAR 0.010UF J		3,31
C111, 112			CQ92FM1H332J	MYLAR 3300PF J		4,5,51
C111, 112			CQ92FM1H562J	MYLAR 5600PF J		3,31
C113			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		4,5,51
C113			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C114			CK45FF1H103Z	CERAMIC 0.010UF Z		
C115			CE04LW1C220M	ELECTRO 22UF 16WV		
C116, 117			CE04LW1C101M	ELECTRO 100UF 16WV		
C118			CK45FF1H103Z	CERAMIC 0.010UF Z		
C119			CC45FSL1H271J	CERAMIC 270PF J		
CN1			E40-3247-05	PIN ASSY (3P)		
CN2			E40-3249-05	PIN ASSY (5P)		
CN3, 4			E40-4609-05	PIN ASSY (15P)		
CN5			E40-4977-05	PIN ASSY (5P)		
CN6			E40-4902-05	FLAT CABLE CONNECTOR		
CN7			E40-9813-05	SOCKET FOR PIN ASSY		
E1			J11-0808-05	WIRE CLAMPER		
L1-4			L40-1035-20	SMALL FIXED INDUCTOR, 10MH		
L5, 6			L79-1201-05	LC FILTER		4,5,51
L7, 8			L32-0547-05	BIAS OSCILLATION COIL		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
L9			L32-0542-05	BIAS OSCILLATION COIL		3,31
L9			L32-0570-05	BIAS OSCILLATION COIL		4,5,51
R120			RD14NB2E100J	RD 10 J 1/4W		
R165			RD14NB2E100J	RD 10 J 1/4W		
VR1, 2			R32-0031-05	TRIMMING POT		
VR3, 4			R32-0030-05	TRIMMING POT		
VR5, 6			R32-0041-05	TRIMMING POT		3,31
VR7-9			R32-0036-05	TRIMMING POT		4,5,51
VR9			R12-1619-05	TRIMMING POT		3,31
K1			S51-2089-05	IC		
K1			S76-0018-05	MAGNETIC RELAY		
D1, 2			HSS104	DIODE		
D1, 2			1SS133	DIODE		
D4-6			HSS104	DIODE		
D4-6			1SS133	DIODE		
D7			MTZJ2.7(B)	ZENER DIODE		
D7			UZ-2.7BSB	ZENER DIODE		
IC1, 2			TA8125S	IC(2CH PRE AMP)		
IC3			HA12182F	IC(DOLBY B IC)		
IC4			UPC1297CA	IC(DOLBY HX PRO SYSTEM)		
IC5			BA10393	IC(DUAL COMPARATOR)		4,5,51
IC6, 7			BU4094BC	IC(B-STAGE/STORE REGISTER)		
Q1, 2			DTC124ES	TRANSISTOR		
Q1, 2			UN4212	TRANSISTOR		
Q51			DTC124ES	TRANSISTOR		
Q51			UN4212	TRANSISTOR		
Q52			2SC1740S(Q,R)	TRANSISTOR		
Q52			2SC2785(F,E)	TRANSISTOR		
Q54, 55			2SC1845(F,E)	TRANSISTOR		
Q56, 57			2SC1740S(Q,R)	TRANSISTOR		
Q56, 57			2SC2785(F,E)	TRANSISTOR		
Q58			2SC3940A(R,S)	TRANSISTOR		
Q59			2SC1740S(Q,R)	TRANSISTOR		
Q59			2SC2785(F,E)	TRANSISTOR		
Q60			2SA992(F,E)	TRANSISTOR		
Q61			DTC124ES	TRANSISTOR		
Q61			UN4212	TRANSISTOR		
Q63-65			2SC3246	TRANSISTOR		
CD PLAYER UNIT (X32-3120-10)						
C1			CQ92FM1H103J	MYLAR 0.010UF J		
C2			CQ92FM1H472J	MYLAR 4700PF J		
C3			CC45FSL1H470J	CERAMIC 47PF J		
C4			CF92FV1H474J	MF-C 0.47UF J		
C5			CE04LW1H100M	ELECTRO 10UF 50WV		
C6			CQ92FM1H104J	MYLAR 0.10UF J		
C7			CE04HW1H2R2M	NP-ELEC 2.2UF 50WV		
C8			CQ92FM1H104J	MYLAR 0.10UF J		
C9			CQ92FM1H333J	MYLAR 0.033UF J		
C10			CC45FSL1H101J	CERAMIC 100PF J		
C11			CQ92FM1H102J	MYLAR 1000PF J		
C12			CC45FSL1H221J	CERAMIC 220PF J		
C13			CQ92FM1H473J	MYLAR 0.047UF J		
C14			CE04LW1H100M	ELECTRO 10UF 50WV		

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
C15			CE04HW1E100M	NP-ELEC 10UF 25WV		
C16 -18			CQ92FM1H103J	MYLAR 0.010UF J		
C19			CQ92FM1H333J	MYLAR 0.033UF J		
C20			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C21, 22			CK45FF1H103Z	CERAMIC 0.010UF Z		
C23			CF92FV1H224J	MF-C 0.22UF J		
C24, 25			CE04LW1A101M	ELECTRO 100UF 10WV		
C26			CC45FSL1H270J	CERAMIC 27PF J		
C27			CQ92FM1H103J	MYLAR 0.010UF J		
C28			CQ92FM1H333J	MYLAR 0.033UF J		
C29			CQ92FM1H103J	MYLAR 0.010UF J		
C30			CQ92FM1H222J	MYLAR 2200PF J		
C35, 36			CE04HW1H010M	NP-ELEC 1.0UF 50WV		
C37			CK45FF1H103Z	CERAMIC 0.010UF Z		
C38			CQ92FM1H332J	MYLAR 3300PF J		
C39			CK45FF1H103Z	CERAMIC 0.010UF Z		
C40			CQ92FM1H473J	MYLAR 0.047UF J		
C41			CQ92FM1H152J	MYLAR 1500PF J		
C42			CQ92FM1H103J	MYLAR 0.010UF J		
C43			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C44			CK45FF1H103Z	CERAMIC 0.010UF Z		
C45			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C46			CK45FF1H103Z	CERAMIC 0.010UF Z		
C55			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C56			CE04LW1A331M	ELECTRO 330UF 10WV		
C57, 58			CC45FSL1H221J	CERAMIC 220PF J		
C59-62			CK45FB1H391K	CERAMIC 390PF K		
C63, 64			CQ92FM1H222J	MYLAR 2200PF J		
C65, 66			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C67			CE04LW1A101M	ELECTRO 100UF 10WV		
C68, 69			CE04LW1A471M	ELECTRO 470UF 10WV		
C70			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C71			CE04LW1A470M	ELECTRO 47UF 10WV		
C72			CE04LW1C470M	ELECTRO 47UF 16WV		
C73			CK45FF1H223Z	CERAMIC 0.022UF Z		
C74, 75			CE04LW1H100M	ELECTRO 10UF 50WV		
C76			CK45FB1H102K	CERAMIC 1000PF K		
C77			CC45FSL1H271J	CERAMIC 270PF J		
C79-81			CK45FF1H223Z	CERAMIC 0.022UF Z		
C82			CK45FF1H103Z	CERAMIC 0.010UF Z		
C83			CC45FSL1H470J	CERAMIC 47PF J		
C84			CK45FF1H103Z	CERAMIC 0.010UF Z		
CN1			E40-4856-05	FLAT CABLE CONNECTOR		
CN2			E40-4876-05	PIN ASSY		
CN3			E40-4377-05	PIN ASSY		
CN4			E40-4763-05	PIN ASSY		
CN5			E40-3247-05	PIN ASSY		
CN6			E40-4762-05	PIN ASSY		
CN7			E40-3256-05	PIN ASSY		
CN8			E40-3259-05	PIN ASSY		
E1, 2			J11-0098-05	WIRE CLAMPER		
E4.5			J11-0098-05	WIRE CLAMPER		
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
X1			L78-0299-05	RESONATOR (16.93M)		
R97			RD14NB2E2R2J	RD 2.2 J 1/4W		
VR1		*	R32-0037-05	SEMI FIXED VARIABLE RESISTOR		
VR2		*	R32-0039-05	SEMI FIXED VARIABLE RESISTOR		
VR3		*	R32-0040-05	SEMI FIXED VARIABLE RESISTOR		
D1-6			HSS104	DIODE		
D1-6		*	1SS133	DIODE		
D7		*	MTZJ3.3(B)	ZENER DIODE		
D7		*	UZ.3.3BSB	ZENER DIODE		
IC1		*	CXA1782BQ * 1	ANALOGUE IC		
IC2		*	CXD2508AQ * 1	MOS-IC		
IC3		*	LA6537	ANALOGUE IC		
IC4, 5		*	TAB409S	IC(MOTOR CONTROL)		
IC6		*	BU4094BC	MOS-IC		
IC7		*	NJM2100D	ANALOGUE IC		
IC8			M5237L	ANALOGUE IC		
IC9			TC74HC166AP	IC(8BIT SHIFT REGISTER)		
Q1			2SC1740S(Q,R)	TRANSISTOR		
Q1			2SC2785(F,E)	TRANSISTOR		
Q2			2SA954(L,K)	TRANSISTOR		
Q3			DTA124ES	DIGITAL TRANSISTOR		
Q3			UN4112	TRANSISTOR		
Q4			2SA954(L,K)	TRANSISTOR		
Q5			2SC1740S(Q,R)	TRANSISTOR		
Q5			2SC2785(F,E)	TRANSISTOR		
Q6			2SA1286	TRANSISTOR		
Q7			DTC124ES	DIGITAL TRANSISTOR		
Q7			UN4212	TRANSISTOR		
Q8			2SB1375	TRANSISTOR		
Q8			2SB1565(E,F)	TRANSISTOR		
Q9, 10			2SA1175(F,E)	TRANSISTOR		
Q9, 10			2SA933S(Q,R)	TRANSISTOR		
Q11, 12			2SC2878(B)	TRANSISTOR		
Q13			DTC124ES	DIGITAL TRANSISTOR		
Q13			UN4212	TRANSISTOR		
CD MECHANISM (D40-1455-05)						
101	3B		A10-3119-08	CHASSIS (MAIN)		
102	3A		A15-0089-08	FRAME (MD-B)		
105	2A		D10-3533-08	SLIDER (LIFT)		
107	2B		D10-3459-08	LEVER (LOCK)		
108	2A		D10-3638-08	LEVER (BRAKE)		
109	2B		D10-3496-08	FRICTION ARM ASSY		
110	2A		D10-3606-08	FEED SHAFT		
113	1A		D13-1599-08	GEAR (IDLER)		
114	2B		D13-1600-08	GEAR (LOAD)		
115	2B		D13-1601-08	GEAR (CENTER)		
117	3A		D13-1603-08	CAM GEAR(UP/DOWN)		
118	1A		D13-1604-08	GEAR (HELICAL)		
119	2A		D13-1720-08	GEAR		
120	2B, 3B		D14-0361-08	ROLLER (TRAY)		
122	2B		D15-0366-08	PULLEY (LOAD)		
123	2R		D16-0363-08	DRIVE BELT		
125	2B		D21-1762-08	SHAFT (PULLEY)		

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PARTS LIST RXD-G3/G4/G5/G31/G51

RXD-G3/G4/G5/G31/G51

PARTS LIST

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
132	11		E35-0811-08	3P WIRE		
133	11		E35-1184-08	6P WIRE		
134	11		E35-1185-08	6P FLAT WIRE		
135	11		E35-1186-08	6P WIRE (TU-D)		
136	11		E35-1187-08	16P FFC		
137	3A		E40-3264-05	CONNECTOR		
140	1A		F07-0773-08	COVER (TRAY)		
141	2A		F07-0736-08	COVER		
142	1B	*	F07-0770-08	COVER		
145	3A		G01-3806-08	SPRING (MD-G)		
146	3A		G01-3807-08	SPRING (MD-H)		
148	3A		G01-3663-08	SPRING (CAM)		
149	2B		G01-3664-08	SPRING (LOCK)		
150	2A		G01-3665-08	SPRING (BRAKE)		
151	2A		G01-3768-08	SPRING (LEFT)		
152	1A, 1B		G16-0821-04	SHEET (TRAY)		
153	3B		G16-0856-08	FILAMENT TAPE		
155	2A		J02-1133-08	INSULATOR		
156	2B	*	J11-0813-08	CLAMPER		
157	1B		J19-3758-08	BRACKET (CLAMP)		
158	2B		J19-3660-08	BRACKET (GEAR)		
159	2B, 3B		J19-3661-08	BRACKET (TRAY)		
160	3A		J61-0081-05	SK BINDER	SKB-100	
161	1A		J99-0541-08	TRAY (SLIDE)		
162	1A		J99-0542-08	TRAY (ROTARY)		
L			N09-2658-08	SCREW		
M			N09-3053-08	SCREW		
N			N09-3107-08	SCREW		
P			N09-3140-08	SCREW		
Q			N09-3141-08	SCREW		
165	2B		S33-2061-05	LEVER SWITCH	JPS1220-0201	
166	1A, 2A		S64-0015-08	LEVER SWITCH		
167	3A		S74-0038-08	LEAF SWITCH		
171	1B		T99-0544-05	MAGNET		
DM	3A		A11-1082-08	TT CHASSIS ASSY		
FM	3A		T42-0817-08	MOTOR GEAR (FEED)		
LM	3B		T42-0682-08	MOTOR PULLEY ASSY		
PU	3A		T25-0041-05	PICKUP (KSS-213B/S-N)		
RTM	2B		T42-0683-08	MOTOR WORM ASSY		
CASSETTE DECK MECHANISM (D40-1453-05 : RXD-G3/G31						
D40-1458-05 :RXD-G4/G5/G51)						
401	2C, 3D		A10-3174-08	HEAD CHASSIS		
403	1D, 3E		A10-3240-08	CHASSIS OUTSERT ASSY		
404	1D, 2E		D01-0184-08	FLYWHEEL (LW) ASSY		
405	1E		D01-0185-08	FLYWHEEL (A) ASSY		
406	2F		D01-0186-08	FLYWHEEL (B) ASSY		
407	1C		D10-3468-18	INTER LOCK ARM (L) (A DECK)		
408	3F		D10-3469-18	INTER LOCK ARM (R) (B DECK)		
409	2D, 3F		D10-3470-08	TRIGGER ARM		
410	2D, 3F		D10-3471-18	HEAD CHANGE ARM		
412	1C		D10-3476-18	EJECT LEVER (L) (A DECK)		
413	3E		D10-3477-18	EJECT LEVER (R) (B DECK)		
414	2C, 3D		D10-3478-08	SELET LEVER		
415	1D, 2E		D10-3479-08	SHIFT LEVER		

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416	2C, 3D		D10-3480-08	C/R LEVER		
420	3C		D13-0981-08	ROTATION GEAR		
421	1C, 2D		D13-1616-08	REW GEAR		
422	2C, 2D		D13-1617-08	REEL GEAR		
423	1D, 2F		D13-1618-08	IDLER GEAR		
424	3C, 3D		D13-1621-08	RETURN GEAR		
425	1D, 2E		D13-1622-18	CAM GEAR		
426	2D, 3E		D14-0367-08	PINCH ARM (R) ASSY		
427	2C, 3D		D14-0368-08	PINCH ARM (L) ASSY		
428	1D, 2F		D15-0369-08	IDLER PULLEY		
429	2F		D16-0393-08	DRIVE BELT (BW)		
430	1E		D16-0392-08	DRIVE BELT (AW)		
431	1E		D15-0387-08	PULLEY (A)		
432	1E, 2F		D16-0391-08	CLUTCH BELT		
433	2C, 3D		D19-0270-18	REEL CAP (A)		
434	1C, 1E		D19-0287-18	CLUTCH ARM ASSY		
439	1E, 1F		E35-0396-08	15P FLAT RIBBON WIRE	(A DECK)	
440	3C		E35-1242-08	3P HEAD WIRE ASSY	(B DECK)	
441	3C		E35-1243-08	5P HEAD WIRE ASSY		
442	1F		E35-0986-08	MOTOR WIRE		
443	3C		G01-3790-08	EARTH SPRING (B)		
444	2D, 3F		G01-3712-18	HEAD CHANGE ARM SP		
445	2C, 3D		G01-3709-08	B T SPRING		
446	1C, 2D		G01-3710-08	SHIFT LEVER SP		
447	2D, 3F		G01-3711-18	TRIGGER ARM SP		
448	2E, 3D		G01-3720-08	HEAD RETURN PLAY SP		
449	1C, 3F		G01-3713-08	EJECT SP		
450	2C, 3D		G01-3714-08	C/R LEVER SP		
451	2C, 3D		G01-3715-08	SELECT LEVER SP		
452	2C, 3D		G01-3716-08	SHIFT SP		
453	1C		G01-3717-08	INTER LOCK SP (L)		
454	3C, 3D		G01-3718-08	RETURN SP		
455	3C, 3D		G01-3719-08	FWD SP		
456	2D, 3F		G01-3723-08	INTER LOCK SP (R)		
457	2C, 3D		G01-3739-08	HEAD CHASSIS SP		
458	2D, 3E		G01-3721-08	BRAKE SP (R)		
459	1C, 2E		G01-3722-08	BRAKE SP (L)		
460	1C, 2E		G01-3724-08	CLUTCH ARM SPRING (B)		
461	1D, 2E		G01-3725-08	CLUTCH SP		
462	1C, 2D		G02-0913-08	PACK SPRING		
463	3C		G02-1068-08	AZIMUTH SP (B)		
464	2C, 3D		G02-1071-08	LIFT BKT		
465	3C		G11-2100-08	HEAD WIRE CLAMP		
466	1D, 2F		G11-2205-08	TUBE		
467	2D, 3E		G16-0791-08	REFLECT SEAL		
469	3C		J21-6184-08	HEAD PLATE ASSY		
470	1E, 2F		J19-3652-08	CABLE HOLDER		
471	2C, 3D		J21-6135-08	HEAD RETURN PLATE		
472	1D		J21-6307-08	BKT (B) ASSY		
473	2D		J21-6308-08	MECHA BKT		
474	2C, 3D		J42-0183-08	REEL BUSH		
475	2D, 3E		J69-0086-08	FILAMENT TAPE		
476	3C, 3D		J39-0188-08	HEAD BASE		
477	2C, 3D		J90-0832-08	SHIFT SPRING GUIDE		

L : Scandinavia K : USA P : Canada 3 : RXD-G3 4 : RXD-G4
Y : PX(Far East, Hawaii) T : Europe E : Europe 5 : RXD-G5 31 : RXD-G31
Y : AAFES(Europe) X : Australia M : Other Areas 51 : RXD-G51
C : China I : Malaysia  indicates safety critical components.

* New Parts
 Parts without Parts No. are not supplied.
 Les articles non mentionnés dans le Parts No. ne sont pas fournis.
 Teile ohne Parts No. werden nicht geliefert.

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
AA			N19-1316-08	POLY WASHER		
AB			N19-1354-08	POLY WASHER		
AC			N19-1288-08	POLY WASHER		
AD			N19-1355-08	NYLON WASHER		
AE			N19-1385-08	POLY WASHER		
AF			N19-1386-08	POLY WASHER		
AG			N19-1387-08	TEFLON WASHER		
AH			N19-1388-08	POLY WASHER		
AK			N19-1035-08	POLY WASHER		
AL			N19-1396-08	POLY WASHER		
AM			N19-1384-08	POLY WASHER		
S			N09-1497-08	TAP TITE SCREW		
T			N09-2871-08	TAPPING SCREW		
U			N09-2876-08	HEAD SCREW (RVSI)		
V			N09-3135-08	BIND TAP TITE SCREW		
W			N09-3195-08	TAP TITE SCREW		
Y			N09-2901-08	BIND TAP TITE SCREW		
Z			N09-3112-08	AZIMUTH SCREW		
480	1E,2F		S74-0033-08	REC SWITCH		
481	1E,2F		S74-0042-08	PLAY SWITCH		
484	1E,2F		T94-0233-08	SOLENOID ASSY		
485	1E,2F		T95-0125-08	PHOTO INTERRUPTER		
MM	2F		T42-0813-08	MOTOR ASSY		
PH	2C		T31-0066-08	PLAYBACK HEAD MK10P-AB215		
RPEH	3C		T31-0020-08	R/P ERASE HEAD YK56R-AA405		

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 Y : AAFES(Europe) X : Australia M : Other Areas 51 : RXD-G51
 C : China I : Malaysia

⚠ indicates safety critical components

RXD-G3/G4/G5/G31/G51 PARTS LIST

RXD-G3/G4/G5/G31/G51

SPECIFICATIONS

Main unit (RXD-G3)

[Amplifier section]

Rated power output

50 watts per channel minimum RMS, both channels driven, at 6 Ω from 40 Hz to 15 kHz with no more than 0.5 % total harmonic distortion. (FTC)

Input sensitivity / impedance

AUX..... 200 mV / 47 k Ω

MIC 2.1 mV / 2.2 k Ω

Signal to noise ratio

AUX 86 dB (IHF'66)

[FM Tuner section]

Tuning frequency range 87.5 MHz ~ 108 MHz

[AM Tuner section]

Tuning frequency range 530 kHz ~ 1,700 kHz

[Cassette deck section]

Track 4-track, 2-channel stereo

Recording system AC bias system
(Frequency: 105 kHz)

Heads

A deck Playback head 1

B deck Playback / recording head 1

Erasing head 1

Motors 1

Fast winding time Approx. 120 seconds
(C-60 tape)

[CD player section]

Laser Semiconductor laser

Playing rotation 200 rpm ~ 500 rpm (CLV)

Wow & Flutter Unmeasurable Limit

General

Power consumption 150 W

Dimensions W: 270 mm (10-5/8")

H: 305 mm (12")

D: 342 mm (13-7/16")

Weight (net) 8.8 kg (19.4 lb)

Main unit (RXD-G4)

[Amplifier section]

Rated power output

70 watts per channel minimum RMS, both channels driven, at 6 Ω from 40 Hz to 15 kHz with no more than 0.5 % total harmonic distortion. (FTC)

Input sensitivity / impedance

AUX 200 mV / 47 k Ω

MIC 2.1 mV / 2.2 k Ω

Signal to noise ratio

AUX 86 dB (IHF'66)

[FM Tuner section]

Tuning frequency range 87.5 MHz ~ 108 MHz

[AM Tuner section]

Tuning frequency range 530 kHz ~ 1,700 kHz

[Cassette deck section]

Track 4-track, 2-channel stereo

Recording system AC bias system
(Frequency : 105 kHz)

Heads

A deck Playback head 1

B deck Playback / recording head 1

Erasing head 1

Motors 1

Fast winding time Approx. 120 seconds
(C-60 tape)

[CD player section]

Laser Semiconductor laser

Playing rotation 200 rpm ~ 500 rpm (CLV)

Wow & Flutter Unmeasurable Limit

General

Power consumption 180 W

Dimensions W: 270 mm (10-5/8")

H: 305 mm (12")

D: 342 mm (13-7/16")

Weight (net) 9.4 kg (20.7lb)

RXD-G3/G4/G5/G31/G51

SPECIFICATIONS

Main unit (RXD-G5)

[Amplifier section]

Rated power output

STEREO MODE

70 watts per channel minimum RMS, both channels driven,
at 6 Ω from 40 Hz to 15 kHz with no more than 0.5 % total
harmonic distortion.

SURROUND MODE

CENTER.....15 W (1 kHz, 8 Ω , 10 % T.H.D.)

REAR.....10 W +10 W (1 kHz, 8 Ω , 10 % T.H.D.)

Input sensitivity / Impedance

AUX.....200 mV / 47 k Ω

MIC.....2.1 mV / 2.2k Ω

Signal to noise ratio

AUX.....86 dB (IHF'66)

[FM Tuner section]

Tuning frequency range.....87.5 MHz ~ 108 MHz

[AM Tuner section]

Tuning frequency range.....530 kHz ~ 1,700 kHz

[Cassette deck section]

Track.....4-track, 2-channel stereo

Recording system.....AC bias system
(Frequency : 105kHz)

Heads

A deck Playback head.....1

B deck Playback / recording head.....1

Erasing head.....1

Motors.....1

Fast winding time.....Approx. 120 seconds
(C-60 tape)

[CD player section]

Laser.....Semiconductor laser

Playing rotation.....200 rpm ~ 500 rpm (CLV)

Wow & Flutter.....Unmeasurable Limit

General

Power consumption.....180 W

Dimensions.....W: 270 mm (10-5/8")

H: 305 mm (12")

D: 342 mm (13-3/8")

Weight (net).....10.2 kg (22.5 lb)