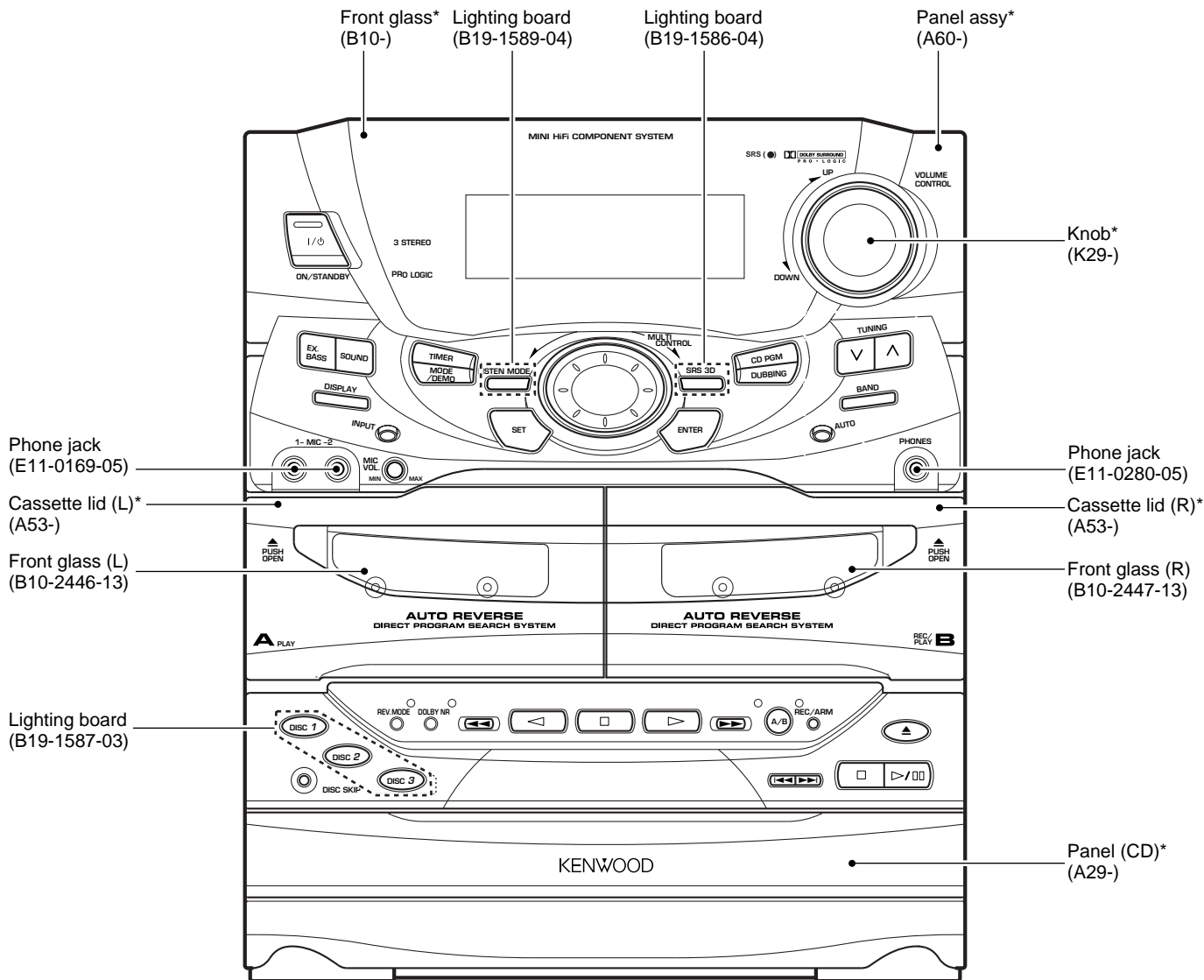


MINI HiFi COMPONENT SYSTEM
 RXD-951/951E/951W/A900/A700/
 A700E/A700W/V616/V818/V919
SERVICE MANUAL
 (XD-951~V919)**

KENWOOD

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****Refer to page 2 if you want to know system configuration.**

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

Refer to RXD-500/700 (B51-5300-00), If you require TUNER preset frequency in detail.
 Refer to RXD-501/etc(B51-5420-00), if you require CIRCUIT DESCRIPTION in detail.

*** Refer to parts list on page 62.**

KENWOOD-Crop. certifies this equipment conforms to DHHS Regulations No. 21 DFR 1040. 10, Chapter 1, Subchapter J.

DANGER : Laser radiation when open and interlock defeated. AVOID DIRECT EXPOSURE TO BEAM

RXD-951/A700/A900/V616/V818/V919

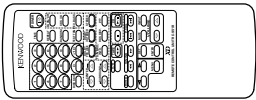
CONTENTS / ACCESSORIES

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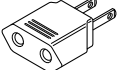
Accessories

Remote control unit (1)
(A70-1221-05) : RC-951R



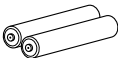
Battery cover (A09-1117-08)

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

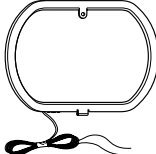


Use to adapt the plug on the power cord to the shape of the wall outlet.
(Accessory only for regions where use is necessary.)

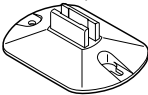
Batteries (R6/AA) (2)



AM loop antenna (1) (T90-0833-05)



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




Surround speaker system

- Surround speaker (2)
- Speaker cord (2)
- Speaker stabilizer (8)
- Wall mount hardware (2)
- Screw (4)
- Center speaker (1)
- Speaker cord (1)
- Speaker stabilizer (4)*

*Except for CRS-N551

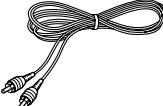
Speaker cords (4)
XD-951/XD-A900

Speaker cords (2)
XD-A700




(Provided in the speaker package)

Video cord (1)
(E30-1427-05)

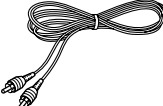


Speaker cushions (8)
(G11-2345-04)




FM indoor antenna (1)

Europe and U.K.
(T90-0836-05)



Other countries
(T90-0801-05)



Model name vs remote controller

Remote controller		Model name	Destination	Battery cover
Parts number	Model name			
A70-1218-05	RC-V919	RXD-V919	M2I2V2	A09-1117-08
A70-1219-05	RC-V818	RXD-V818	M3I3V3	
A70-1220-05	RC-951	RXD-V616	M4I4V4	
		RXD-A900	K1P1	
		RXD-A700	K2P2X2	
A70-1221-05	RC-951R	RXD-951	M1I1X1YIM5	
		RXD-951	E1	
		RXD-951E	E2	
		RXD-A700E	E3	
		RXD-951W	Q1	
		RXD-A700W	Q2	

System configuration

SYSTEM	MAIN UNIT	DESTINATION	SPEAKER	SPEAKER	SP CORD PARTS.NO.
XD-A900	RXD-A900	K1P1	LS-N851	CRS-N851	E30-5471-05
XD-951	RXD-951	X1Y1M1E1M5	LS-N851	CRS-N851	E30-5471-05
XD-951E	RXD-951E	E2	LS-N851	CRS-N851	E30-5471-05
XD-951W	RXD-951W	Q1	LS-N851	CRS-N851	E30-5471-05
XD-A700	RXD-A700	K2P2	LS-N451	CRS-N551	E30-5120-08
XD-A700	RXD-A700	X2	LS-N551	CRS-N851	E30-5474-08
XD-A700E	RXD-A700E	E3	LS-N551	CRS-N851	E30-5474-08
XD-A700W	RXD-A700W	Q2	LS-N551	CRS-N851	E30-5474-08
XD-V616	RXD-V616	M4I4V4	LS-N651	-	E30-5475-05
XD-V818	RXD-V818	M3I3V3	LS-N851	-	E30-5471-05
XD-V919	RXD-V919	M2I2V2	LS-N851	CRS-N851	E30-5471-05

Refer to the ICs.

Ref. No.	Parts No.	Refer to Service Manual(page)	Remarks
(X09) IC10	M38199MF-080FP	RXD-501/etc. (9, 10)	It is the same H38199MF-075FP.
(X09) IC10	M38199MF-080FP	RXD-501/etc. (9, 10)	
(X14) IC1	uPD780204-038	RXD-501/etc. (11)	—
(X28) IC6	TC74HC166AP	RXD-501/etc. (12)	

EXTERNAL VIEW

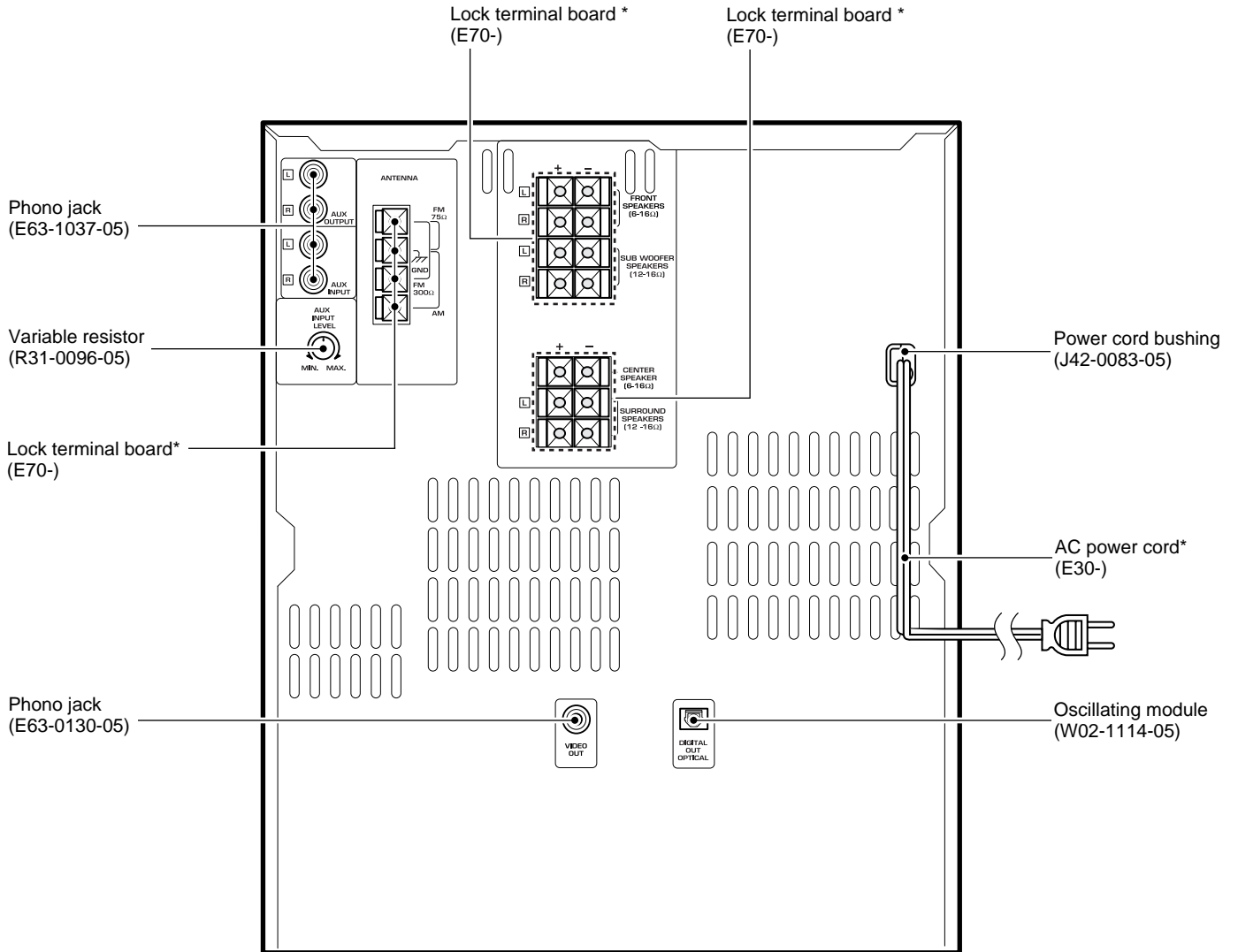


Illustration is RXD-V919.
* Refer to parts list on page 62.

DISASSEMBLY FOR REPAIR

1. How to remove the front panel.

- (1) Turn the power ON and then push the open/close key to open the tray.
- (2) After removed the tray cover, push the open/close key to close the tray and then turn the power OFF.
- (3) Remove the push rivet (①) and 4 screws (②, ③).
- (4) The front panel can be separated by removing the 3 screws (④) located at the bottom plate of the front panel.

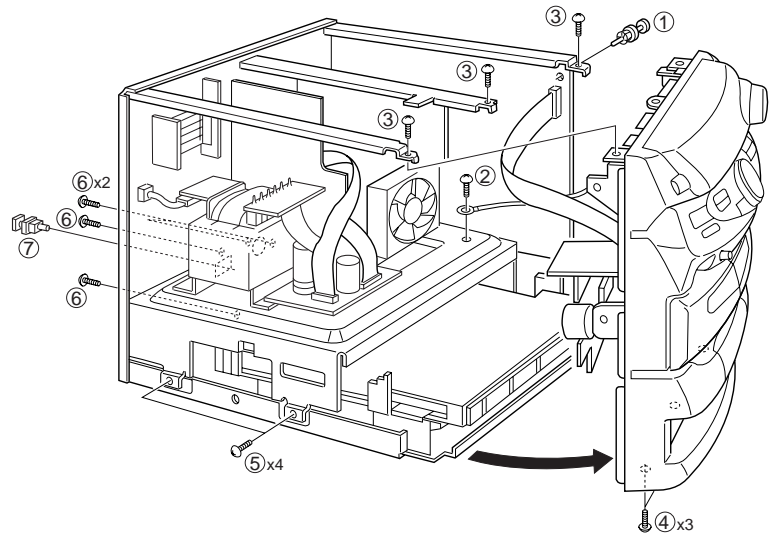


Fig.1

2. How to remove the CD mechanism

- (1) Remove 4 screws (⑤) on the left side/right side of chassis.
- (2) Remove 4 screws (⑥) and the cap (⑦) on the rear panel.
- (3) Disengage the CD mechanism as FIG.2.
- (4) Connect the GND plate of X32 PCB and the chassis with a alligator clip wire (⑧).

3. How to remove the mult control knob.

- Remove the knob by string (⑨).

4. How to open the tray if not comes out.

- (1) From the rear side of the CD mechanism, use a screw driver or the like to turn the friction arm fully counterclockwise.
- (2) Pull out the tray front wards by hand when the tray comes just out.

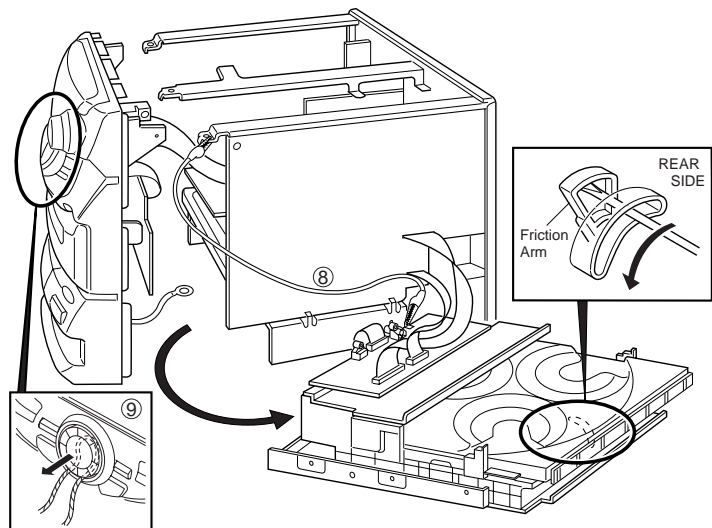


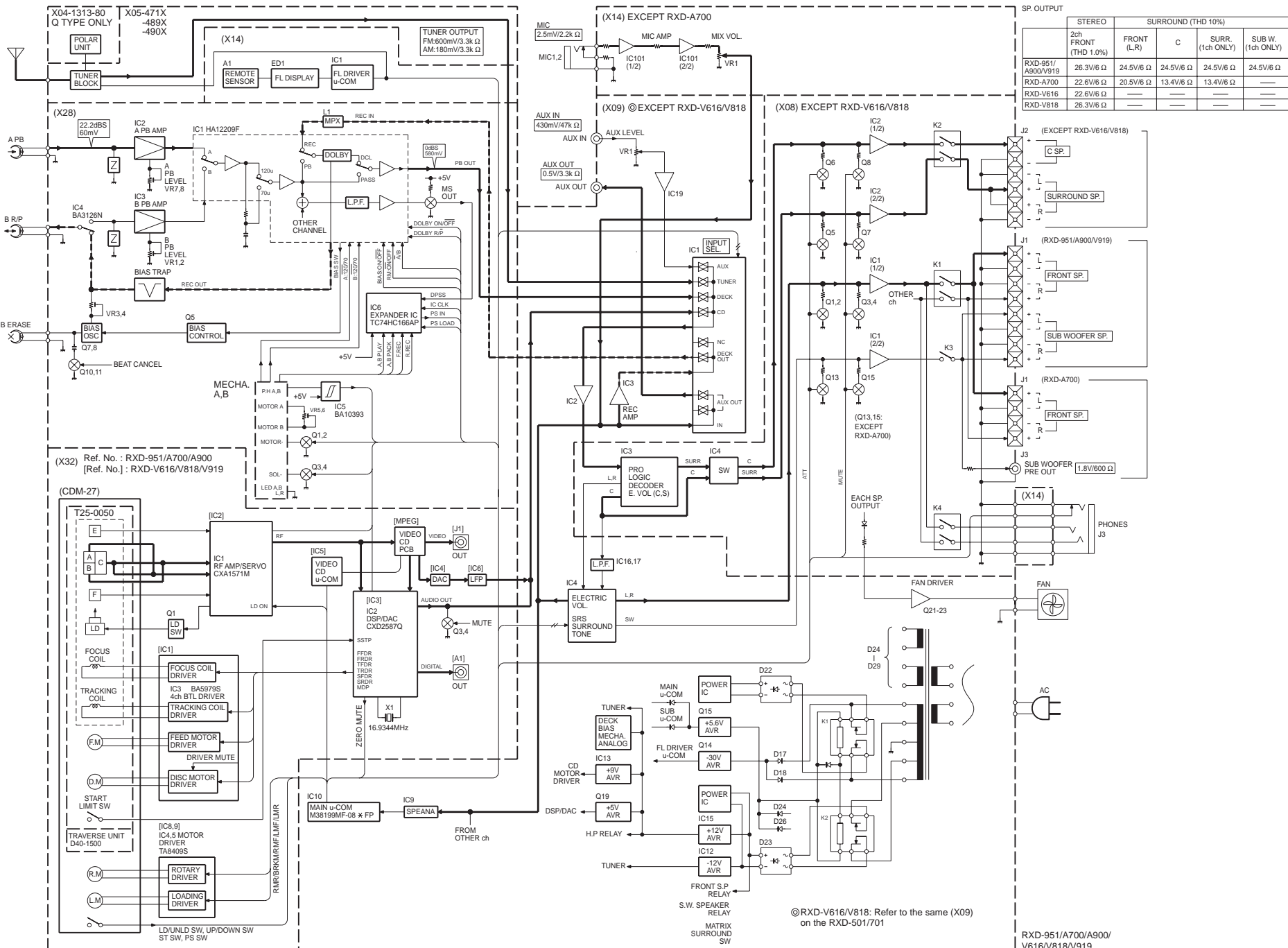
Fig.2

* As for details of items in the below, refer to RXD-F3 service manual (B51-5091-00).

- (1) How to detach the tray.
- (2) How to attach the tray.
- (3) Replacing the pickup.

RXD-951/A700/A900/V616/V818/V919

BLOCK DIAGRAM



	STEREO		SURROUND (THD 10%)		
	2ch FRONT (THD 1.0%)	FRONT (L,R)	C	SURR. (1ch ONLY)	SUB W. (1ch ONLY)
RXD-951/A900/V919	26.3V/6 Ω	24.5V/6 Ω	24.5V/6 Ω	24.5V/6 Ω	24.5V/6 Ω
RXD-A700	22.6V/6 Ω	20.5V/6 Ω	13.4V/6 Ω	13.4V/6 Ω	—
RXD-V616	22.6V/6 Ω	—	—	—	—
RXD-V818	26.3V/6 Ω	—	—	—	—

©RXD-V616/V818: Refer to the same (X09) on the RXD-501/701

RXD-951/A700/A900/V616/V818/V919

CIRCUIT DESCRIPTION

1. Initialization

1-1 Setting of initial conditions

While pressing the [ENTER] key, plug the AC cord into the AC power outlet.

1-2 Initializing operation

- A microcomputer is initialized for start when the AC power is turned on while pressing the [ENTER] key. At that time, CD mechanism and CASSETTE mechanism are also initialized.
- During the initial operation, the display shows "INITIALIZE" and after that the clock blinks up on display.

1-3 The backup data and initial items.

ITEMS		
AMP	POWER	OFF
	VOLUME	45
	BALANCE	CENTER
	* MUTING	OFF
	* EQ	OFF (ROCK)
	EQ. MANU	FLAT
	* EX. BASS	ON
	S. W. *	LEVEL3
	SRS 3D	OFF
	3D LEVEL	LEVEL +5
	INPUT SEL	TUNER
	* DISPLAY MODE	DISPLAY AUTO
	DEMO	OFF
	DOLBY PRO LOGIC *	OFF
	DOLBY 3 STEREO *	OFF
	CENTER MODE *	NORMAL
DELAY TIME *	20 msec	
CENTER LEVEL *	0 (-10dB)	
SURROUND LEVEL *	0 (-10dB)	
TUNER	BAND	FM
	LAST f	LOWEST FREQUENCY
	LAST Pch	— —
	AUTO/MONO	AUTO
	Pch	TEST f
CLOCK TIMER	* CLOCK	AM 12 : 00 ***
	PROG ON	AM 12 : 00
	PROG OFF	AM 12 : 00
	PRO MODE	TIMER PLAY
	SOURCE	TUNER
	Pch	1
	EXE	OFF
	OTT	OFF
	* SLEEP	OFF
	DIRECTION	FORWARD
DECK	RVS MODE	▷
	DOLBY NR	OFF
	* A/B	B
	* ACTIVE MODE	STOP

ITEMS		
CD/VCD	* PLAY MODE	TRACK
	AUTO/NTSC/PAL	AUTO
	* AUTO PBC	ON
	* DIGEST	OFF
	* MEMORY STOP	OFF
	* REPEAT	OFF
	* RANDOM	OFF
	* ACTIVE MODE	STOP
	* TIME	SINGLE

* None backup data

* Except RXD-V616

** Except RXD-V616/V818

*** Display [-- : --]

1-4 Mechanism initialization

1-4-1 CD mechanism

- Disc unclamps (traverse down)
- Rotary tray rotates (1/3 rotation)
- If a mechanism error occurs, "CD" is indicated on the display.

1-4-2 DECK mechanism

- When initial condition becomes NG for the third time, decide the error.
The error condition is displayed as "X" on the display.

1-4-3 Error display

CD X ERR

2. Test mode of the receiver

* Refer to the 3. test mode on page 7, 8 of the Service manual RXD-501/etc. (B51-5420-00).

* It makes description of addition RXD-V919 only.
(The operation of the keys)

Push Key	Active description
* SKIP UP (▶▶)	Setting CENTER LEVEL -10 (Min) → 0 → +10 (Max)
* SKIP DOWN (◀◀)	-10 (Min) ← 0 ← +10 (Max)
* FF (▶▶)	Setting SURROUND LEVEL -10 (Min) → 0 → +10 (Max)
* RWD (◀◀)	-10 (Min) ← 0 ← +10 (Max)
CD PGM	DOLBY PRO LOGIC ON
DUBBING	DOLBY 3 STEREO ON
TIMER	STEREO ON

* • Input selector : Except TUNER

• Surround mode : DOLBY mode (PRO LOGIC, 3ST)

CIRCUIT DESCRIPTION

3. Key matrix

FL driver u-COM (uPD780204-038) : (X14-) IC1

VOLTAGE (V)	AD0 (33pin)	AD1 (32pin)	AD2 (31pin)	AD3 (30pin)	AD4 (29pin)	AD5 (28pin)	AD6 (27pin)
0 ~ 0.82	POWER	EX. BASS	CD PGM	TUNING UP	CD ◀◀	A / B	DOLBY NR
0.84 ~ 1.64	–	* 1) SOUND	DUBBING	TUNING DOWN	CD ▶▶	TAPE ▶▶	REV MODE
1.66 ~ 2.52	–	* 2)	SRS	BAND	CD ■	TAPE ▶	DISC 1
2.54 ~ 3.38	–	INPUT	* 3)	AUTO	CD ▶/	TAPE ■	DISC SKIP
3.40 ~ 4.18	–	MODE / DEMO	SET	ENTER	CD ▲	TAPE ◀	DISC 2
4.20 ~ 4.78	–	TIMER	–	–	TAPE ●	TAPE ◀◀	DISC 3

* 1) • EXCEPT : RXD-V616/V818

* 2) • RXD-V616/V818/V919 : KARAOKE

* 3) • RXD-V616/V818 : SOUND

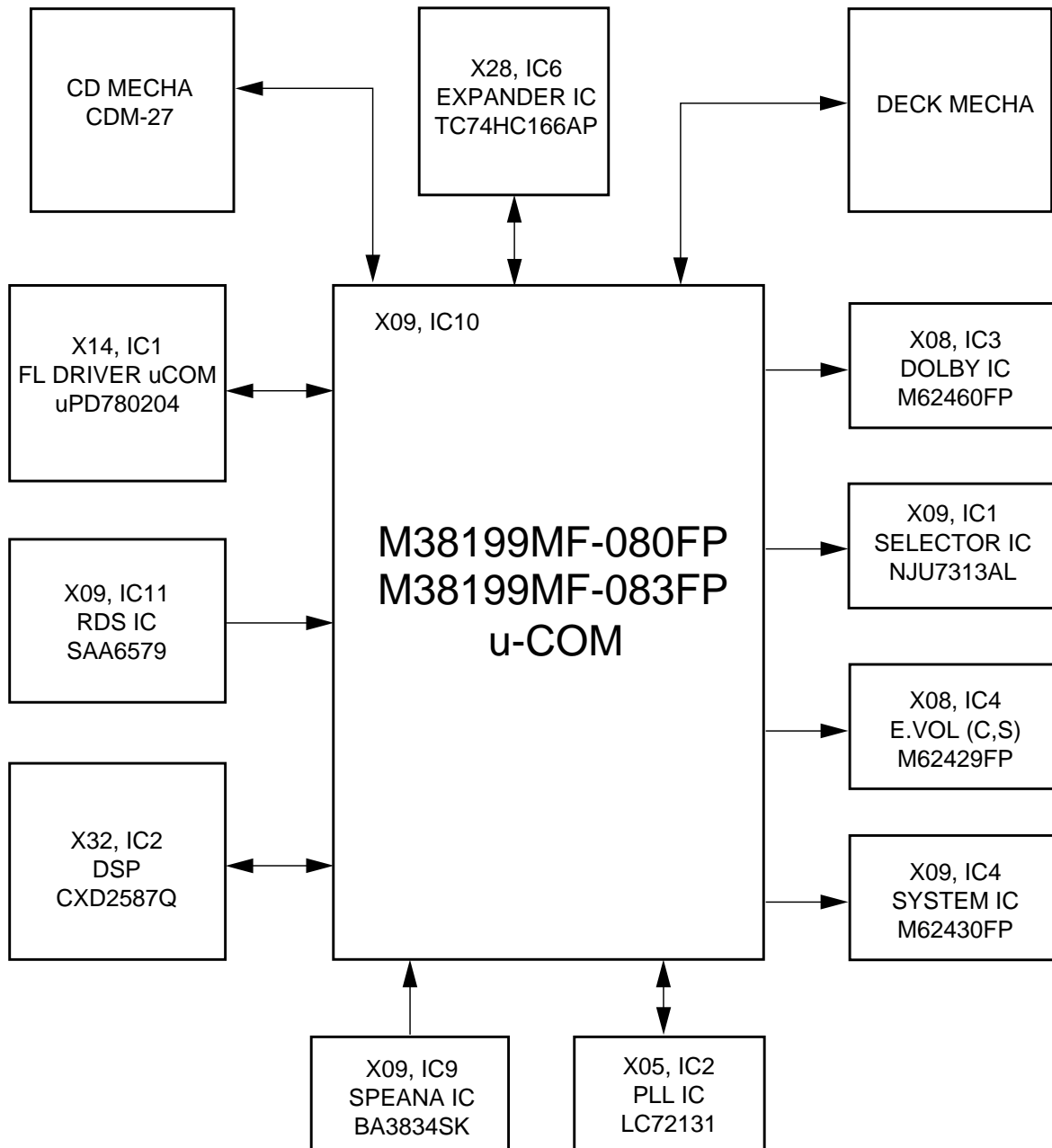
• Other : DISPLAY

• Other : LISTEN MODE

4. Main microprocessor

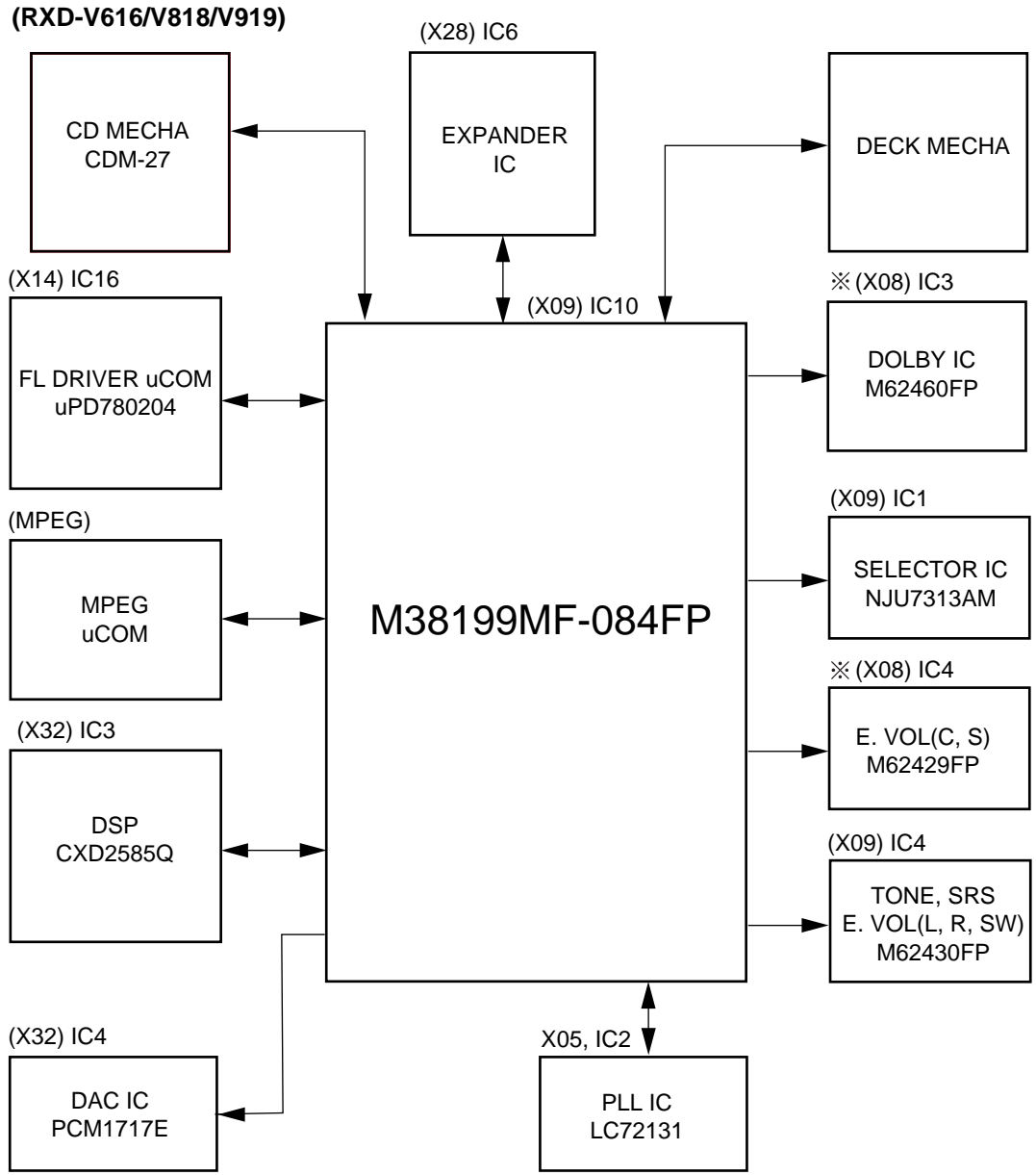
4-1 Microprocessor periphery block diagram

(RXD-951/A700/A900)



RXD-951/A700/A900/V616/V818/V919

CIRCUIT DESCRIPTION



※ EXCEPT RXD-V616/V818

CIRCUIT DESCRIPTION

4-2 Pin description

Microprocessor : M38199MF-084FP (X09, IC10)

Pin No.	Pin name	I/O	Description		
1	PS IN	I	Parallel serial IC input data		
2	PS LOAD	O	Parallel serial IC load	H : SHIFT	L : LOAD
3	A MUTE	O	Audio mute control	H : OFF	L : ON
4	BP IN	I	Speana input (A/D converter input)		
5	JOG CW	I	Jog input B		
6	JOG CCW	I	Jog input A		
7	ENC CW	I	Rotary encoder input B		
8	ENC CCW	I	Rotary encoder input A		
9	H.P.	I	Headphones switch input	H : ON	L : OFF
10	EMPHASIS	I	Video CD emphasis		
11	CD PROT	I	CD protect input	H : PROTECT	L : NORMAL
12	DRV CLK	O	FL driver u-COM control clock		
13	DRV SI	O	FL driver u-COM control data output		
14	DRV SO	I	FL driver u-COM control data input		
15	C BUSY	O	Video CD u-COM busy output (MPEG)		
16	VCLOCK	O	Video CD u-COM clock (MPEG)		
17	C DATA	O	Video CD u-COM data output (MPEG)		
18	M DATA	I	Video CD u-COM data input (MPEG)		
19	CD CK	O	CD DSP IC clock (CXD2587Q)		
20	SQCK	O	CD Sub code clock (CXD2587Q)		
21	CDDT	O	CD DSP IC data (CXD2587Q)		
22	SQSO	I	CD Sub code input (CXD2587Q)		
23	CDXL	O	CD latch output (CXD2587Q)		
24	SENS	I	CD sense input (CXD2587Q)		
25	CD SCK	O	Sense data reading clock output (CXD2587Q)		
26	LD ON	O	CD laser output	H : OFF	L : ON
27	DATA	O	SELECTOR/SYSTEM/DAC/DOLBY IC data output		
28	CLK	O	SELECTOR/SYSTEM/DAC/DOLBY IC clock output		
29	PROT	I	Protection input	H : PROTECTION ON	L : NORMAL
30	SCOR	I	Sub code synchronism signal (CXD2587Q)		
31	E DATA	O	E. vol data output (M62430FP)		
32	E CLK	O	E. vol clock output (M62430FP)		
33	P/N-O	I	Video CD video mode	H : PAL	L : NTSC
34	M BUSY	I	Video CD u-COM busy input (MPEG)		
35	RESET	I	Reset signal input	H : NORMAL	L : RESET
36	X CIN	I	Timer clock input (32.768kHz)		
37	X COUT	O	Timer clock output (32.768kHz)		
38	X IN	I	Main clock input (8.38MHz)		
39	X OUT	O	Main clock output (8.38MHz)		
40	VSS	-	GND		
41	PLL DO	I	PLL data input		
42	STEREO	I	Stereo detector input		
43	SD	I	SD detector input		
44	CE	I	Power failure input	H : AC ON	L : AC OFF
45	PLL CE	O	PLL IC chip enable (LC72131)		
46	TU EMP	O	FM emphasis change-over (M type only) Polar/Pilot change-over (Q type only)	H : 100kHz H : POLAR	L : 50kHz L : PILOT
47	FL RST	O	FL driver reset control output		
48	T MUTE	O	TUNER mute control output		
49	DRV ST	O	FL driver u-COM control strobe output		
50	HP RLY	O	Headphones relay control		
51	SEL ST	O	Selector IC strobe output (NJU7313AL)		
52	ATT	O	E. vol attenuation	H : ON	L : OFF

CIRCUIT DESCRIPTION

Pin No.	Pin name	I/O	Description	
53	SYS ST	O	System IC strobe output (M62430FP)	
54	CS RELAY	O	CS speaker relay control	H : ON L : OFF
55	SP RELAY	O	Speaker relay control	H : ON L : OFF
56	DOL ST	O	Dolby IC strobe output	
57	MON	O	PMON control	H : ON L : OFF
58	P/N-I	O	NTSC/PAL changeover	H : PAL L : NTSC
59	$\overline{\text{CDRST}}$	O	CD DSP IC (CXD2585Q) reset control	H : NORMAL L : RESET
60	$\overline{\text{M/A}}$	O	TV changeover control	H : MANUAL L : AUTO
61	ML	O	DAC IC (PCM1717E) strobe output	
62	P RLY	O	Power relay control	H : ON L : OFF
63	LMR	O	Loading motor control (reverse)	
64	LMF	O	Loading motor control (forward)	H : ON L : OFF
65	RMF	O	Rotary motor control (forward)	H : ON L : OFF
66	$\overline{\text{BRKM}}$	O	Rotary motor control (brake)	H : NORMAL L : BRAKE
67	RMR	O	Rotary motor control (reverse)	H : ON L : OFF
68	DC OFF	O	CD DSP IC power control (CXD2587Q)	H : ON L : OFF
69	BEAT CANCEL	O	Beat cancel	H : ON L : OFF
70	$\overline{\text{A/B}}$	O	A/B Playback change-over	H : B L : A
71	BIAS	O	Bias change-over	H : ON L : OFF
72	$\overline{\text{R MUTE}}$	O	Deck rec mute control	H : OFF L : ON
73	NR	O	Dolby noise reduction change-over	H : ON L : OFF
74	$\overline{\text{D-R/P}}$	O	Dolby rec/play change-over	H : REC L : PLAY
75	$\overline{\text{R/P}}$	O	Rec/play change-over	H : REC L : PLAY
76	B CPM	O	B deck motor control	H : ON L : OFF
77	B SOL	O	B deck solenoid control	H : ON L : OFF
78	A CPM	O	A deck motor control	H : ON L : OFF
79	A SOL	O	A deck solenoid control	H : ON L : OFF
80	SPE3	O	Speana out 3	
81	TU/SPE2	O	TUNER destination (scan)/speana out 2	
82	TYP/SPE1	O	Model discrimination (scan)/speana out1	
83~86	RET4~RET1	I	Model discrimination input 4~1 Discrimination of TUNER destination (DSW3~DSW0)	
87	A-PH	I	A deck photo sensor input	
88	B-PH	I	B deck photo sensor input	
89	UNL SW	I	CD unload switch	H : ON L : OFF
90	$\overline{\text{LO SW}}$	I	CD load switch	H : OFF L : ON
91	VCC	-	u-COM power supply (+5V)	
92	$\overline{\text{ST SW}}$	I	CD mechanism stop switch	H : OFF L : ON
93	$\overline{\text{UP SW}}$	I	CD mechanism up switch	H : OFF L : ON
94	$\overline{\text{DN SW}}$	I	CD mechanism down switch	H : OFF L : ON
95	$\overline{\text{PS SW}}$	I	CD mechanism position switch	H : OFF L : ON
96	$\overline{\text{CD MUT}}$	O	CD analog mute	H : OFF L : ON
97	$\overline{\text{ZERO}}$	I	CD zero mute detection	H : MUTE OFF L : MUTE ON
98	VEE	-	GND	
99	AVSS	-	A/D GND	
100	VREF	-	A/D reference voltage	

ADJUSTMENT

1. Tuner adjustment

X05-490x

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISCRIMINATOR	(A) 98 MHz, 70dBf (ANT INPUT) 1 kHz, ±40 kHz DEV	Connect a DC voltmeter between pin 1 and pin2 of CN2.	MONO 98.0 MHz	L31	0V	(a)
	DISTORTION	(C) 98 MHz, 70dBf (ANT INPUT) 1 kHz, ±40 kHz DEV			L32 (EXCEPT K/P)	Minimum distortion.	
2	DISTORTION (STEREO)	(C) 98 MHz, 70dBf (ANT INPUT) 1 kHz, ±40 kHz DEV	(B)	AUTO 98.0 MHz	T1(IFT) (A1)	Minimum distortion.	(a)

X05-4890

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	TUNED LEVEL	(A) 98 MHz, 31.2dBf (ANT INPUT) 1 kHz, ±40 kHz DEV		MONO 98.0 MHz	VR1	Adjust VR1 and stop at the point where ED1 (TUNED) goes ON.	(a)
2	DISTORTION (STEREO)	(A) 98 MHz, 70dBf (ANT INPUT) 1 kHz, ±40 kHz DEV PILOT: ±6 kHz DEV	(B)	AUTO 98.0 MHz	T1(IFT) (A1)	Minimum distortion.	(a)

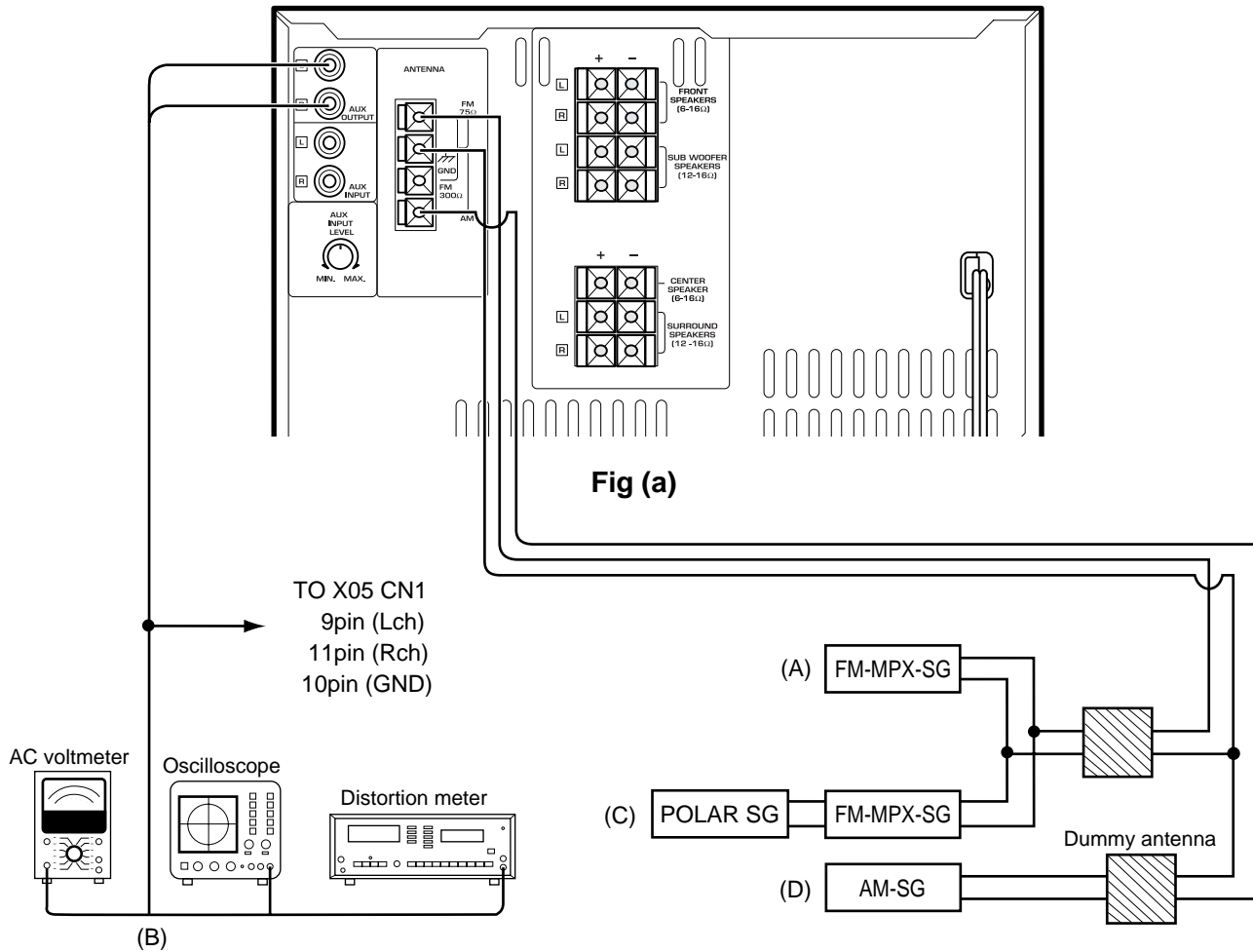
X05-4710

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER MODE	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISCRIMINATOR	(A) 98MHz 1kHz, ±40kHzdev 70dBf (ANT input)	Connect a DC voltmeter to CN2	MONO 98.0MHz	L5	0V	(a)
2	DISTORTION (STEREO)	(C) 98MHz 1kHz, ±40kHzdev Pilot, ±6kHzdev 70dBf (ANT input)	(B)	AUTO 98.0MHz	T1(IFT) (A1)	Minimum distortion	(a)
3	SENSITIVITY (SW)	(D) 6.5MHz 400Hz 30%mod 40dBf (ANT input)	(B)	6.5MHz	L2	Maximum output	(a)

X04-1313 Q TYPE (65MHz~74MHz BAND)

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	VCO	(E) 69 MHz, 70 dBf (ANT INPUT) 1 kHz, 0 kHz DEV SUB, 0 kHz DEV	Connect a frequency counter to VCO monitor (CN2).	AUTO 69 MHz	VR 2	Adjust it the frequency counter reads 31.25 kHz ±100 Hz.	(a)
2	RESONANCE POINT	(E) 69 MHz, 70 dBf (ANT INPUT) 1 kHz, 40 kHz DEV SUB, 10 kHz DEV Select : L or R	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	TC 1	Minimum crosstalk.	(a)
3	SEPARATION	(E) SAME AS ABOVE	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	VR 1	Minimum crosstalk.	(a)

ADJUSTMENT



2. Test mode of CD player

2-1 Main unit

- (1) Setting of the test mode
While pressing the [PLAY/PAUSE] key, plug the AC power cord into AC outlet.
- (2) Canceling of the test mode
Press the [STOP] key on stop mode or unplug the AC power cord from AC wall outlet.

(3) Operation

KEY	DISPLAY	OPERATION
PLAY/PAUSE + AC IN	CD 00	<ul style="list-style-type: none"> SETTING OF THE TEST MODE CANCEL THE CLAMP TRAY 1/3 ROTATION TRAY OPENS AUTOMATICALLY
STOP ■	CD 00	<ul style="list-style-type: none"> TRAY CLOSE CANCEL THE CLAMP
PLAY/PAUSE ▶/	CD 03 CD 05	<ul style="list-style-type: none"> TRAY CLOSE/DISC CLAMP T-SERVO OFF(03) OR ON(05)
DISC SKIP		<ul style="list-style-type: none"> TRAY 1/3 ROTATION
DISC 1	07 EF/FB	<ul style="list-style-type: none"> MECHANISM STOPS WHEN THE AUTOMATIC ADJUSTMENT IS FINISHED.
	08 TG•FG 09 TE/RF 10 TE/VC	<ul style="list-style-type: none"> DISPLAY CHANGES CYCLICALLY IF NG, DISPLAY BLINKS UP
DISC 2 (RXD-V616 V818 V919)	* AUTO (OSD 2 ON) PAL (OSD OFF) NTSC (OSD 1 ON) (SCROLL DISPLAY)	<ul style="list-style-type: none"> VIDEO OUT CHANGE OVER DISPLAY CHANGES CYCLICALLY

* OSD 2 ON : All display except TNO. of PBC PLAY

OSD 1 ON : Display except DISC NO. and T.NO.

OSD OFF : None display

RXD-951/A700/A900/V616/V818/V919

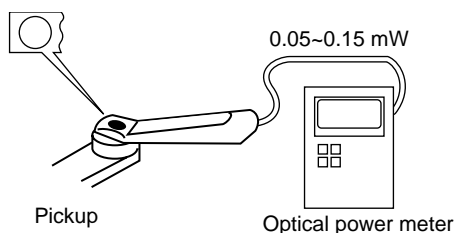
ADJUSTMENT

3. Adjustment of CD player

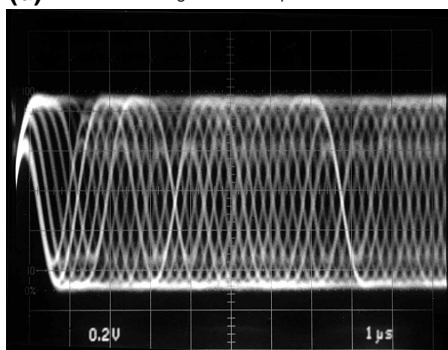
No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Step 1,2 are in TEST MODE TEST MODE : While pressing the [PALY/PAUSE] key, plug the AC power cord into the AC outlet.							
1	LASER POWER	-	Set the sensor section of the optical power meter on the pickup lens.	Press the "PLAY" 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	FOCUS ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1 : RF(CN7 pin1) CH2 : FE(CN7 pin6)	Press the "PLAY" key. Confirm that the display is "05"	FE BALANCE VR1	Optimum eye pattern	(d)

Note:
 Type 4 disc : SONY YEDS-18 Test Disc or equivalent. (KTD-02)
 LPF : Around 47kΩ + 390pF or so.

(a) Laser Power



(d) RF signal : AC coupled



- 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.

4. Test mode of DECK section

(1) Setting

While pressing the PLAY key(DECK), plug the AC power cord into an AC power outlet.

(2) Resetting

- Disconnect the AC power cord from an AC power outlet or press the [ON/STANDBY] key.

(3) Operation in TEST mode

(a) Initial condition

Item	Condition
Power	ON
Selector	TAPE
Main VOL.	-45dB(VOL45)
EX. bass	OFF
FL, LED, LCD	All the FLs are turned on for 10 seconds

(b) 4-sec REC

If the REC key is pushed, the system record for 4sec. Then, it rewinds to the REC starting position and plays back automatically.

If the REC key is pushed during the 4-sec REC operation, the system records further for 4-sec, then returns to the starting position of the first 4-sec REC operation and plays back.

(c) Mechanism SW detection

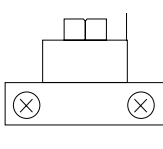
SW	Display
B FWD REC Inhibit SW	CD Calendar (1)
B RVS REC Inhibit SW	CD Calendar (2)
A Pack SW	CD Calendar (3)
B Pack SW	CD Calendar (4)

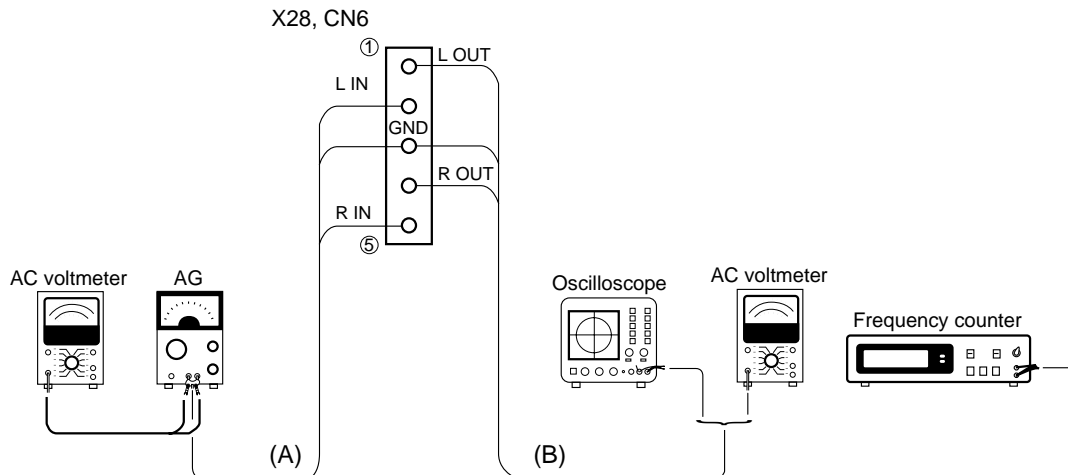
(d) Indication of A/B deck

A/B key	Display
A deck	ECHO
B deck	SLEEP

ADJUSTMENT

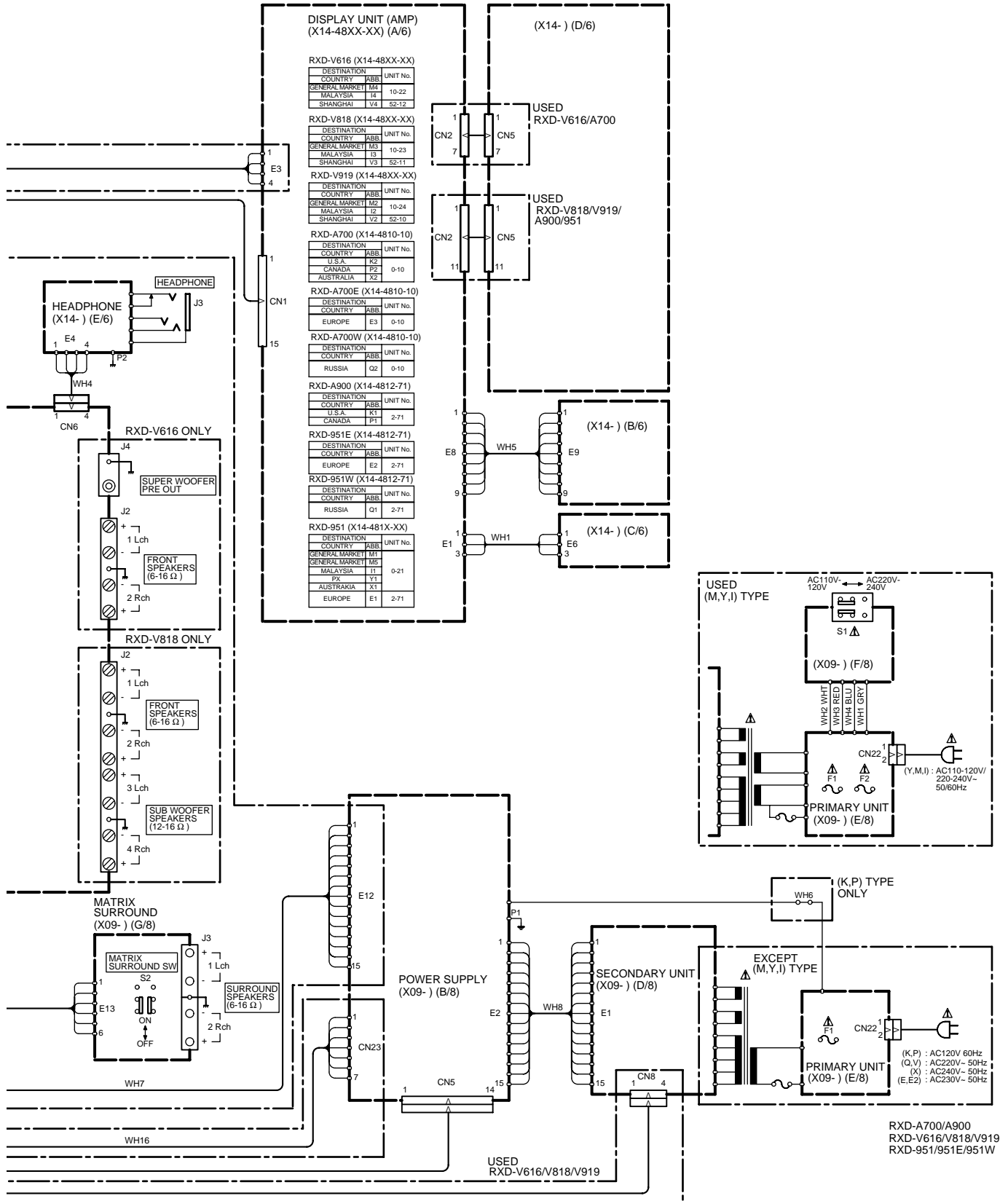
5. Cassette Deck adjustment

No	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Unless otherwise specified, set the respective switches as follows: 0dBs=0.775V TAPE : NORMAL DOLBY : OFF PLAY OUT : Lch (X28,CN6 ①pin), Rch (X28,CN6 ④pin) I . Cassette mechanism unit (Adjustment of the REC / PLAY head)							
< 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	A DECK VR 5 B DECK VR 6	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 7 (L) VR 8 (R) B DECK VR 1 (L) VR 2 (R)	Adjust the playback output to -2.5dBs	
< 2 >	BIAS CURRENT	(A) Adjust the AG for the output of the DECK to become 400Hz (-20dB)/12.5kHz (-20dB)	(B)	REC ↕ PLAY	VR 3 (L) VR 4 (R)	Record 400Hz and 12.5kHz alternately, and adjust the bias current adjustment potentiometer for the playback levels to become the same.	



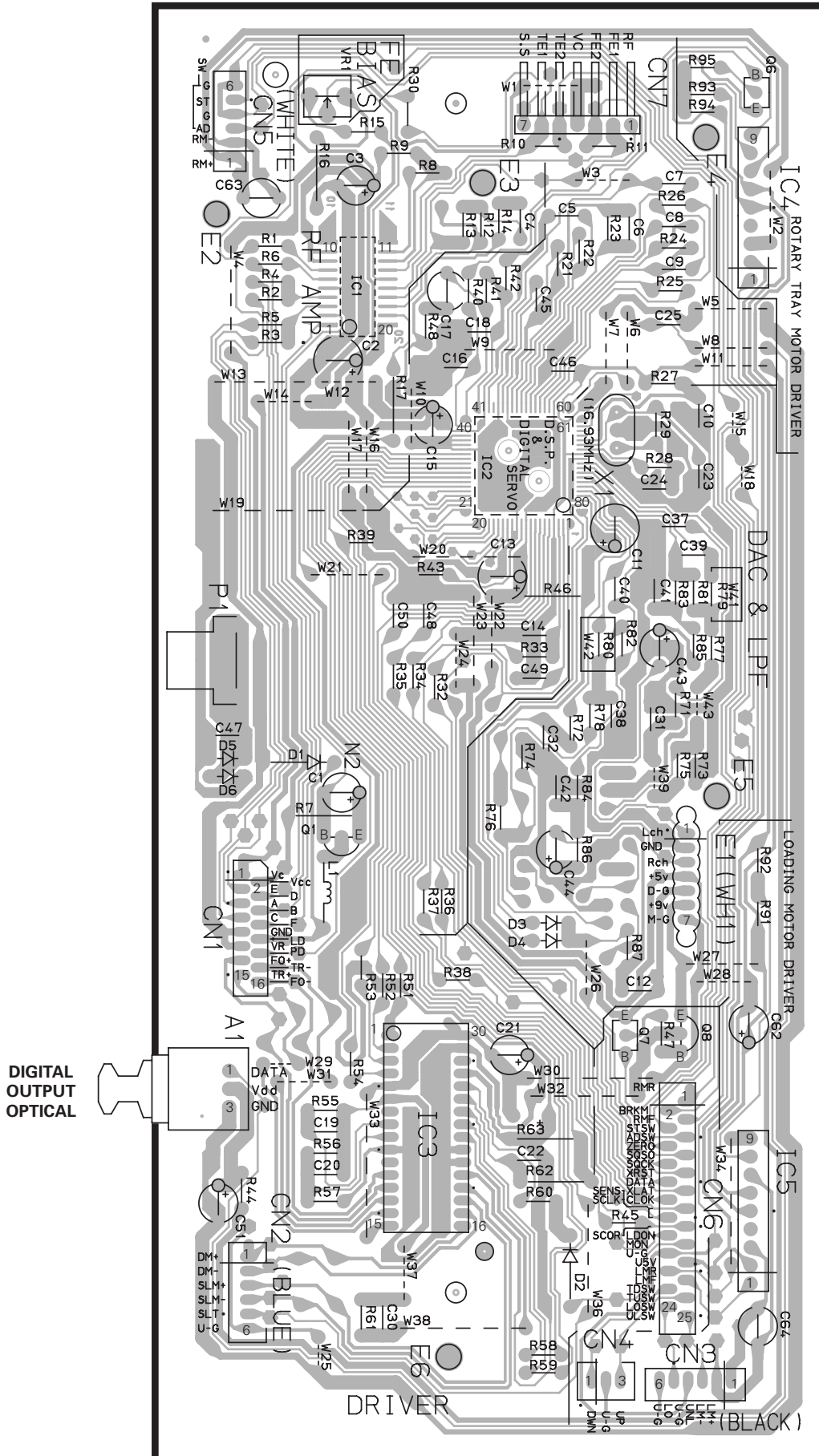
RXD-951/A700/A900/V616/V818/V919

WIRING DIAGRAM



PC BOARD (Component side view)

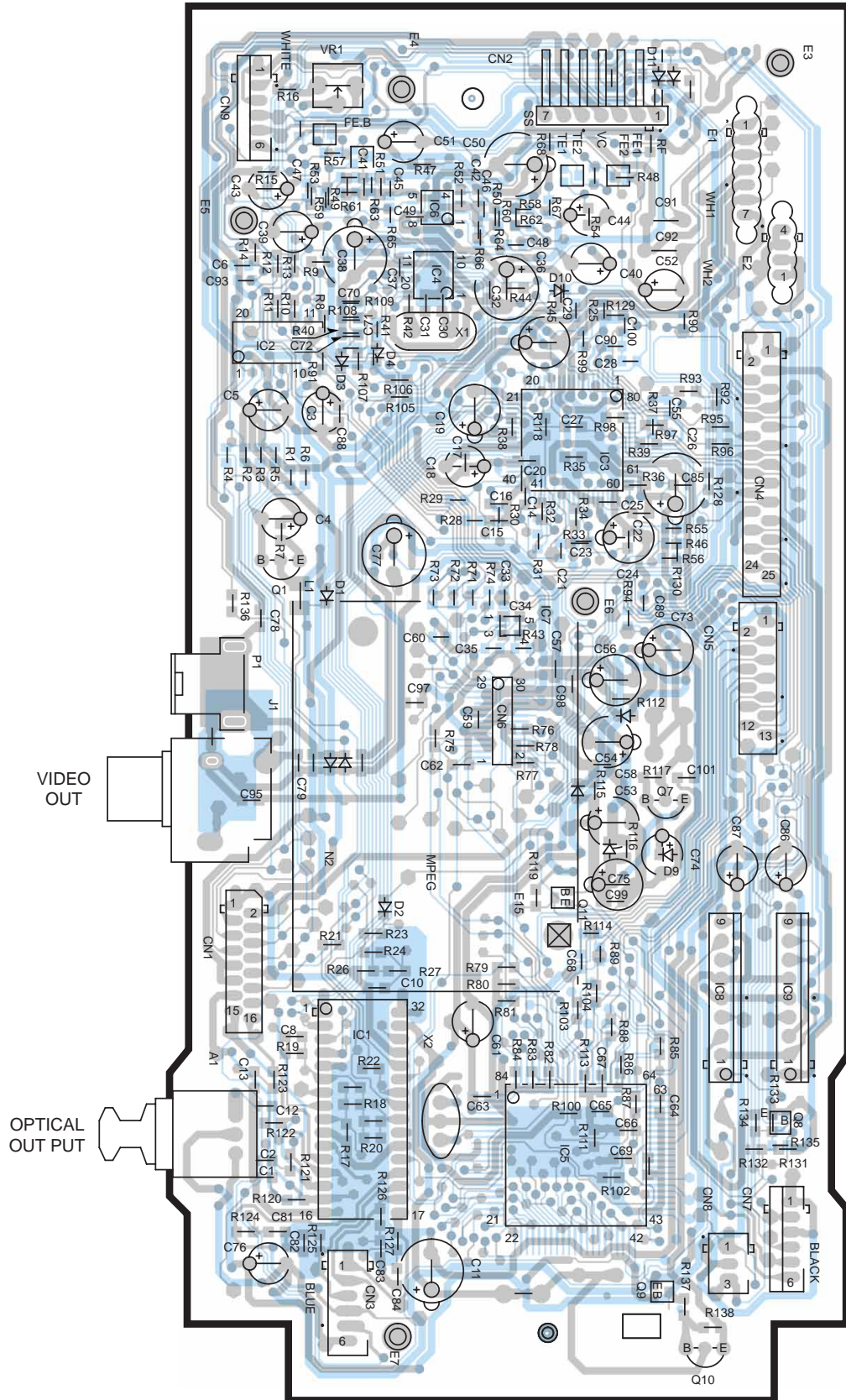
CD MECHANISM UNIT X32-359X-XX



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

PC BOARD (Component side view)

CD MECHANISM UNIT X32-358X-XX

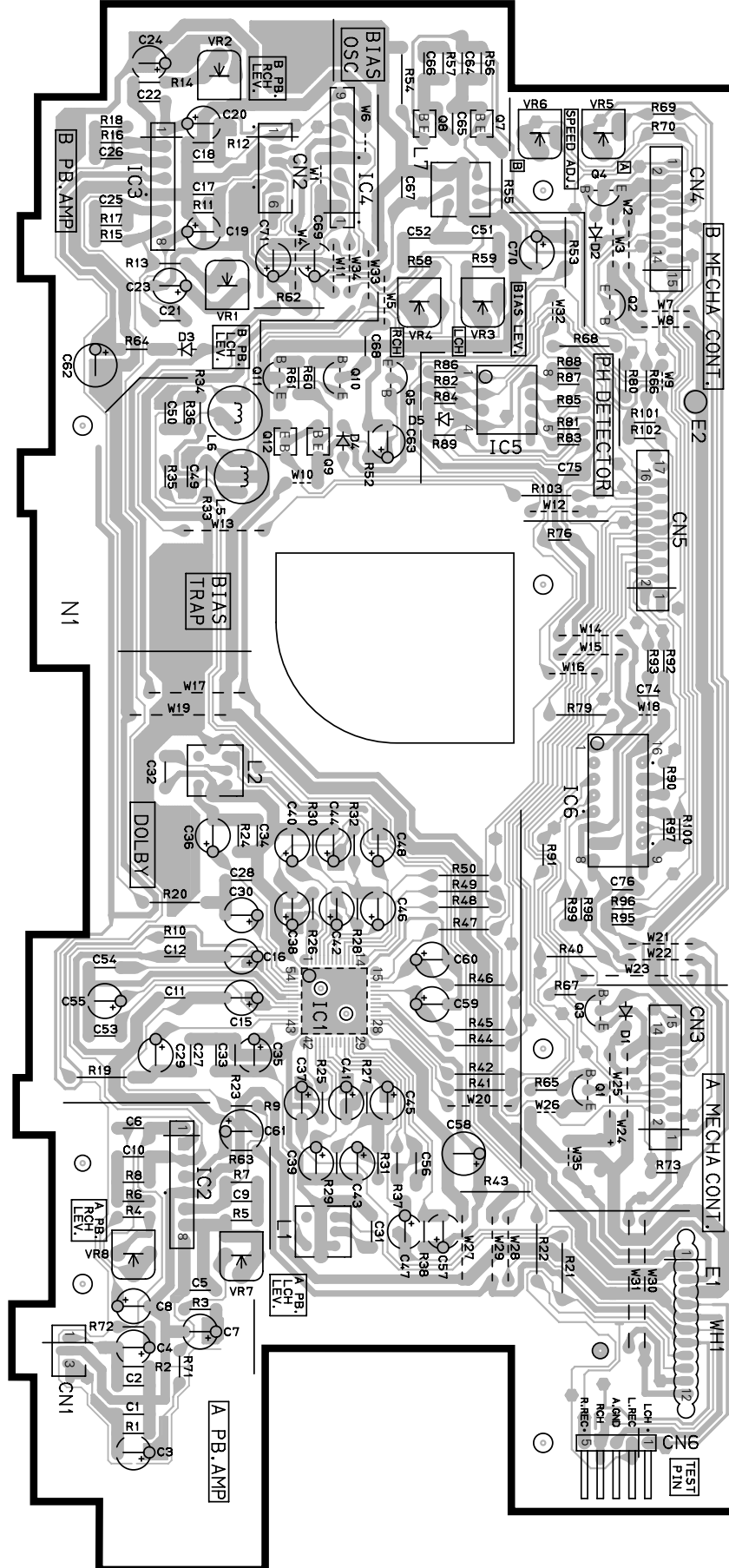


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD (Component side view)

CASSETTE MECHANISM UNIT

X28-2960-10

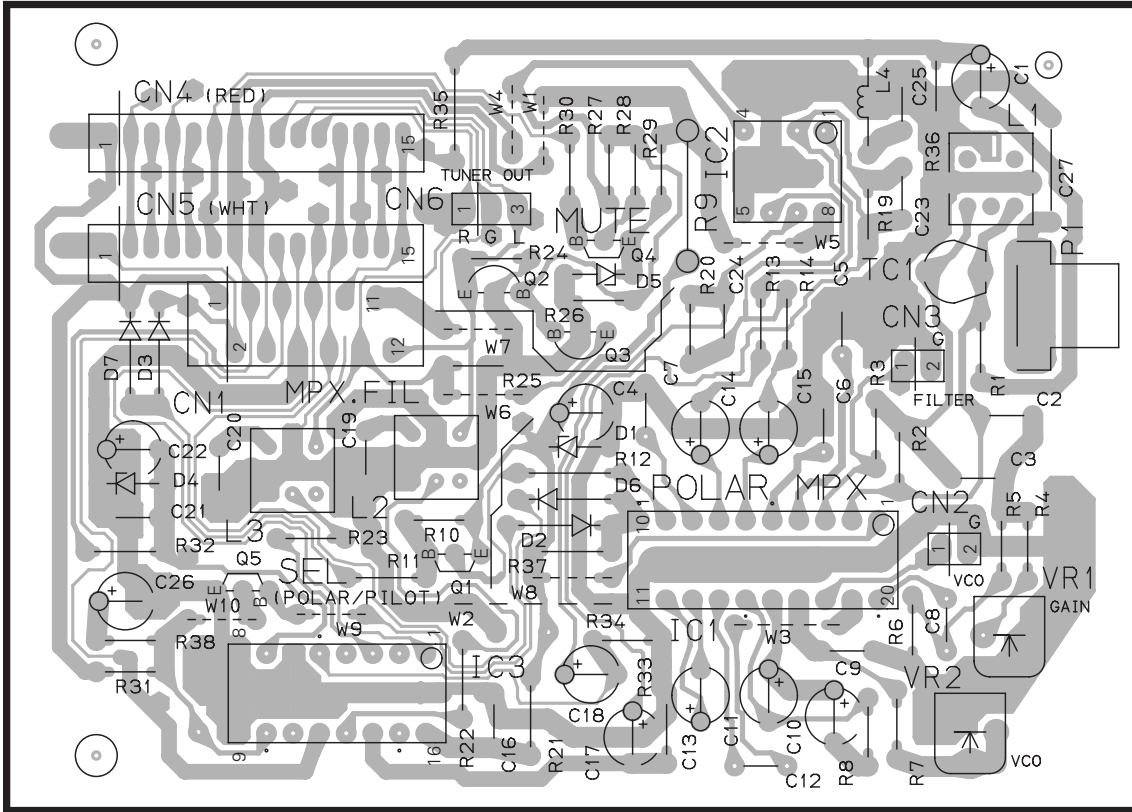


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD (Component side view)

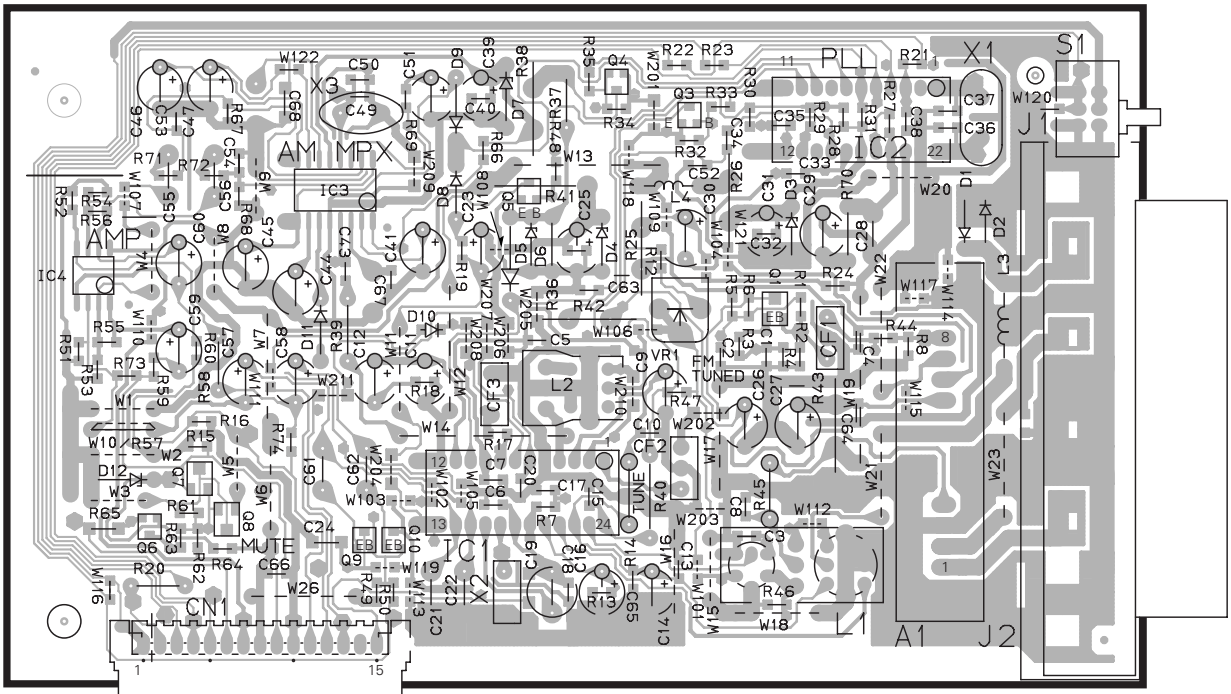
MPX UNIT

X04-1313-8X



TUNER UNIT

X05-4890-XX

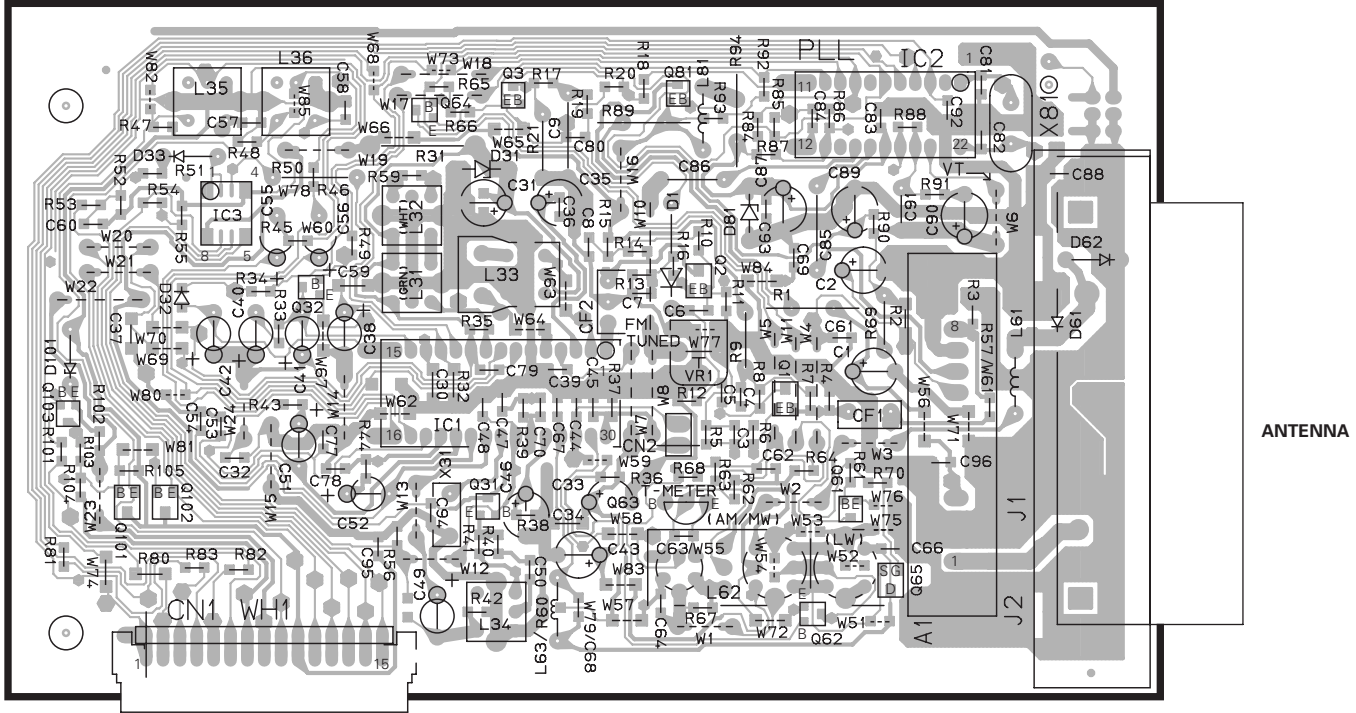


Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD (Component side view)

TUNER UNIT

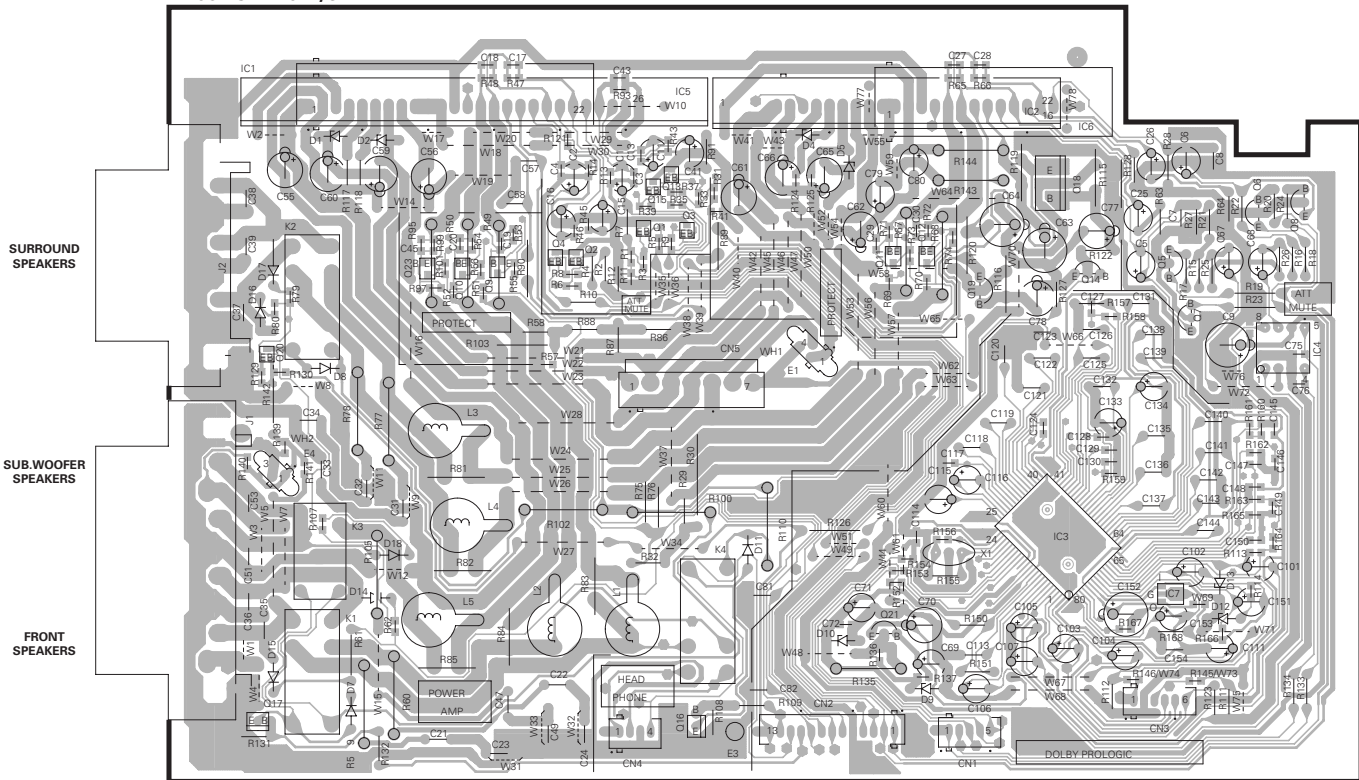
X05-490X-XX



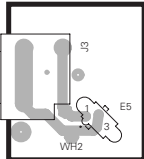
SURROUND UNIT

X08-287X-XX A/3

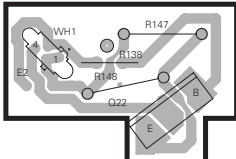
X08-2922-10 A/3



X08 C/3



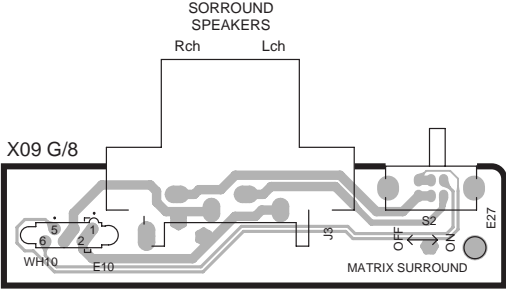
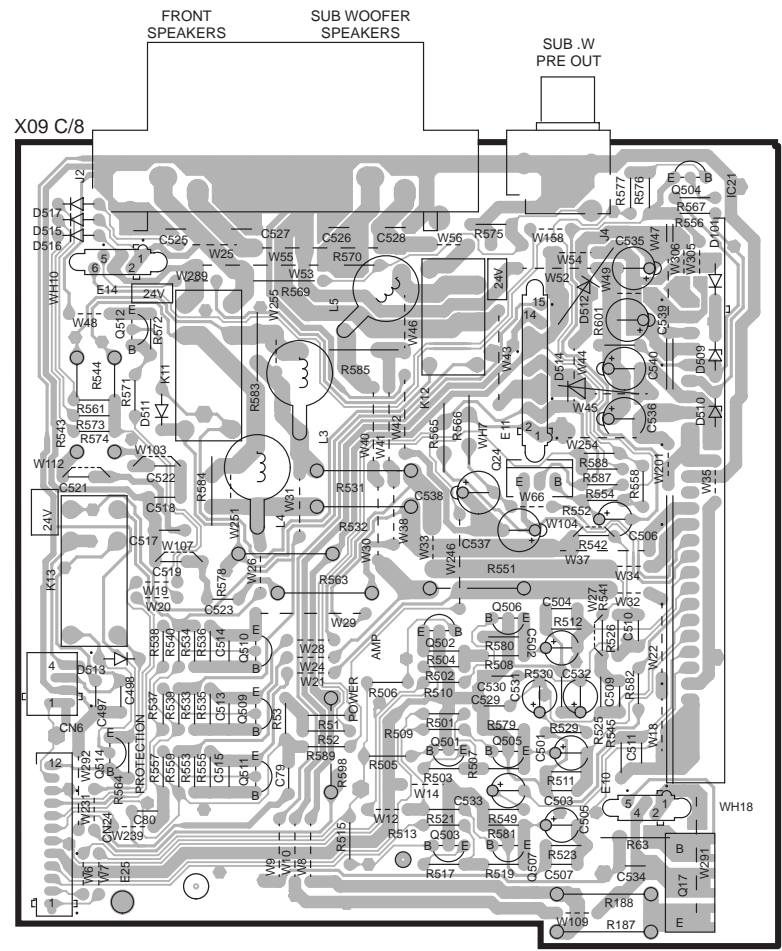
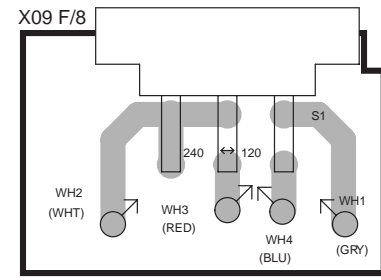
X08 B/3



SUBWOOFER
PRE OUT

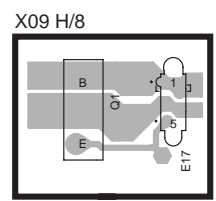
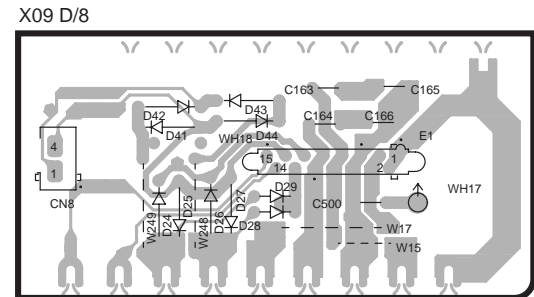
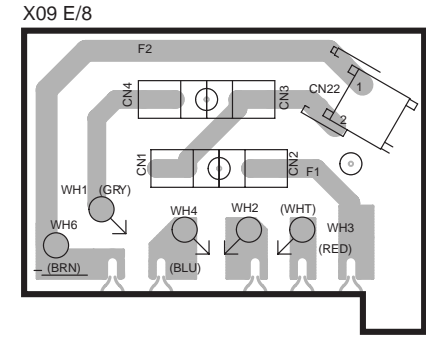
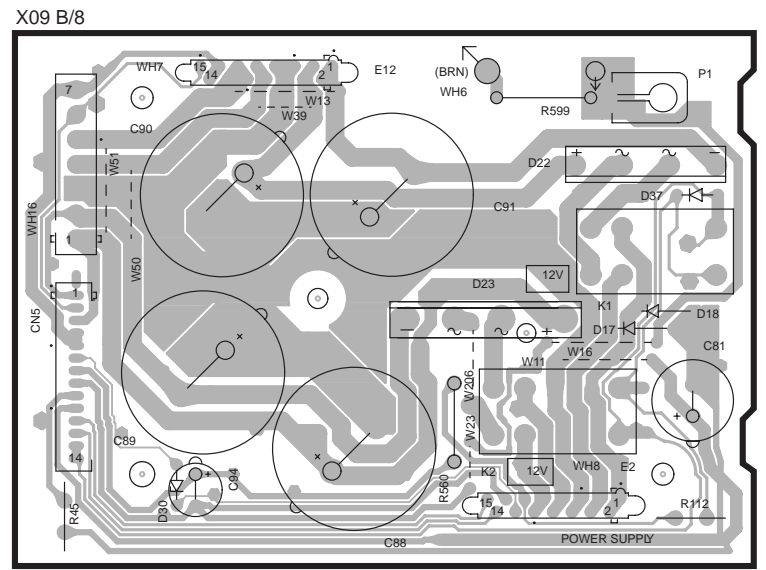
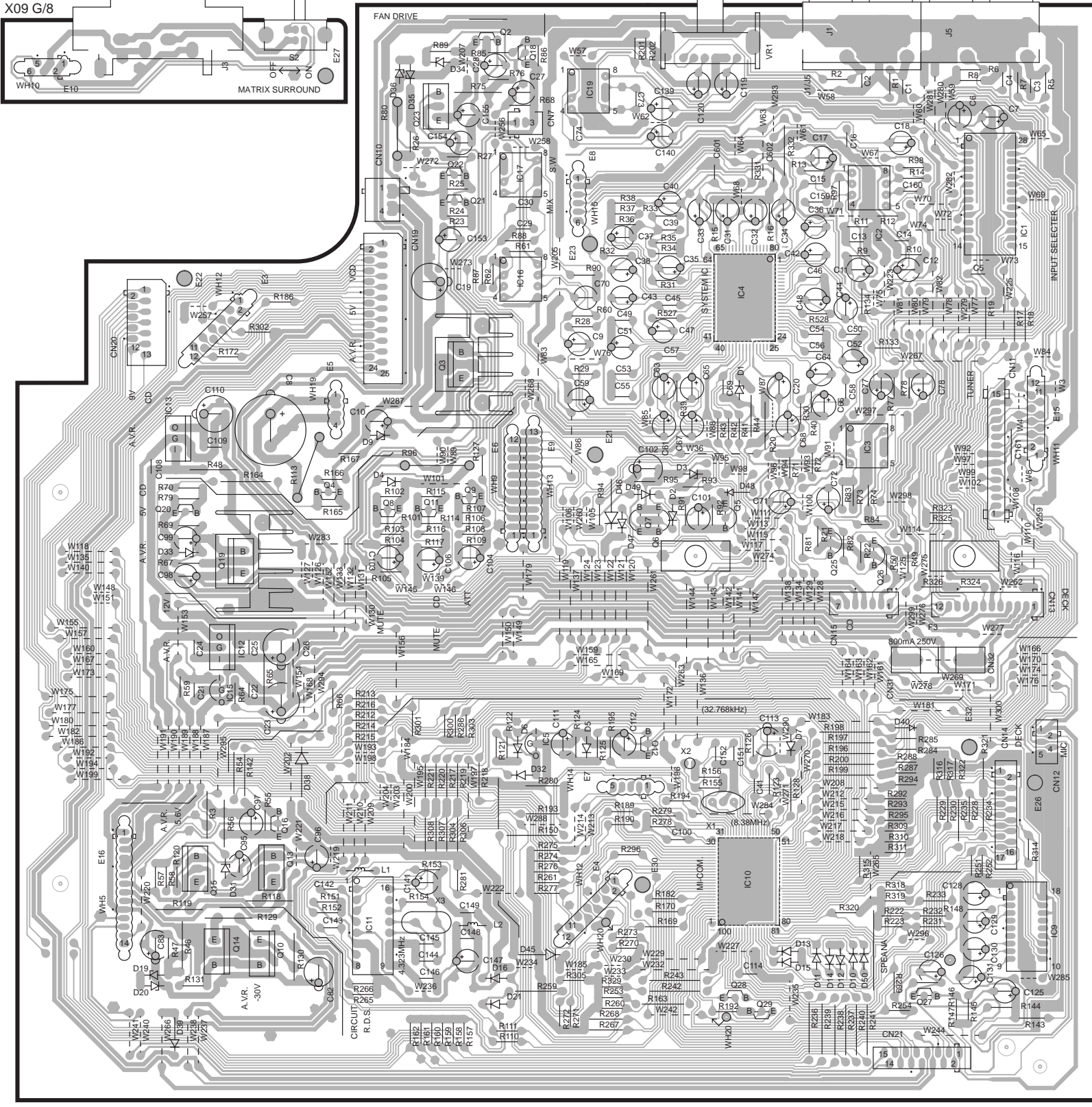
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view)



AUDIO UNIT

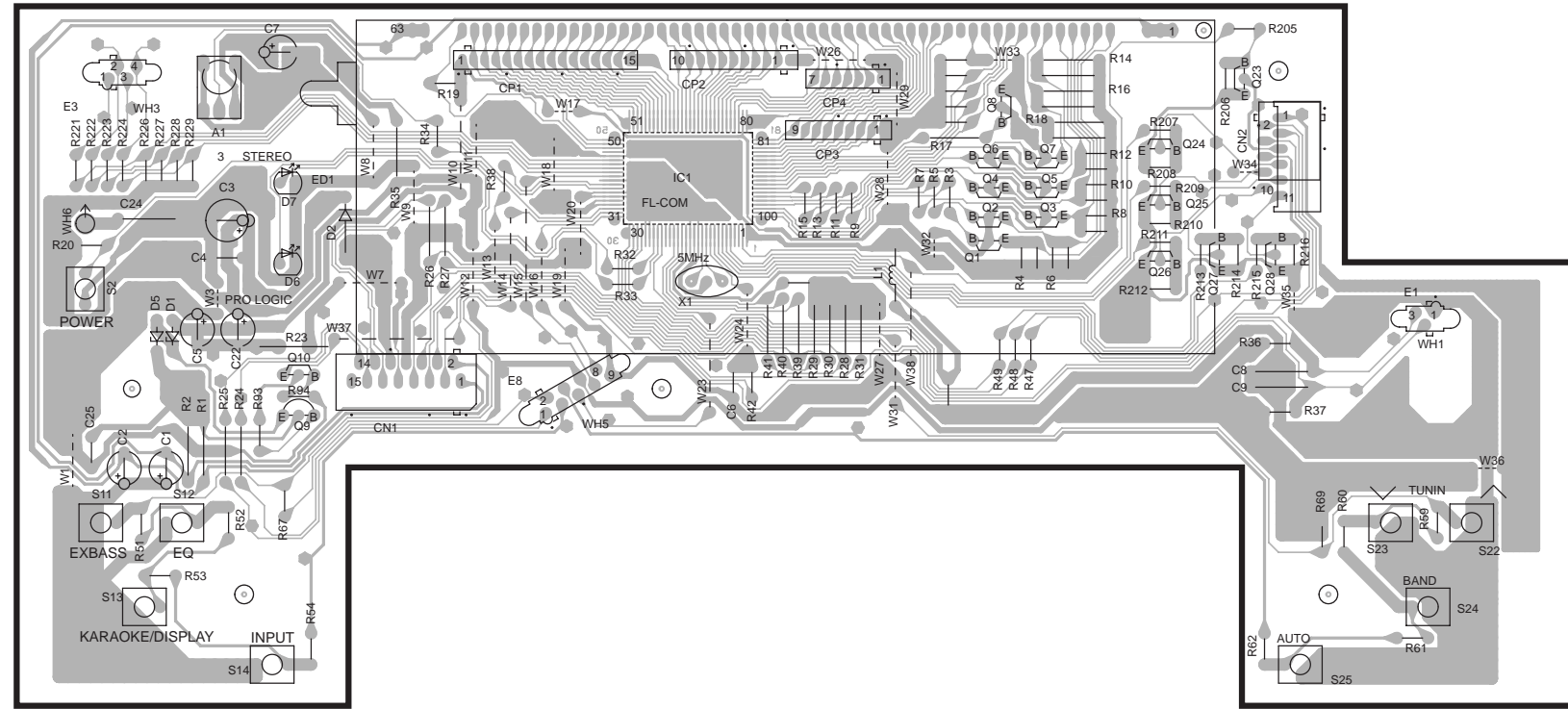
X09-601X-XX A/8



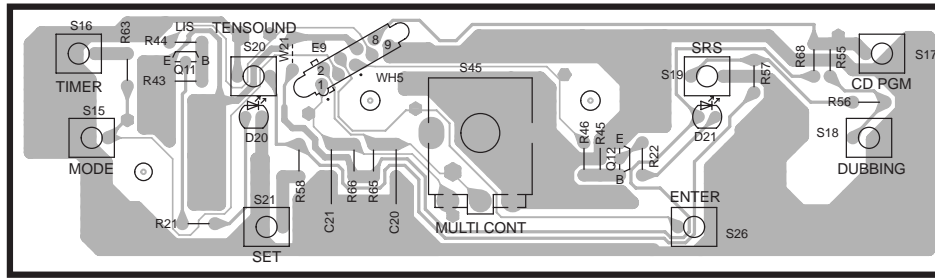
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view) DISPLAY UNIT

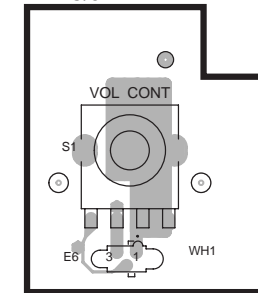
X14-481X-XX A/6



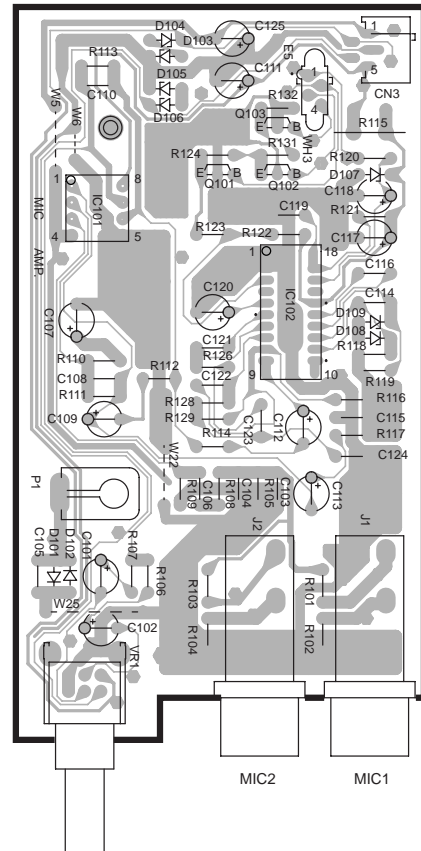
X14 B/6



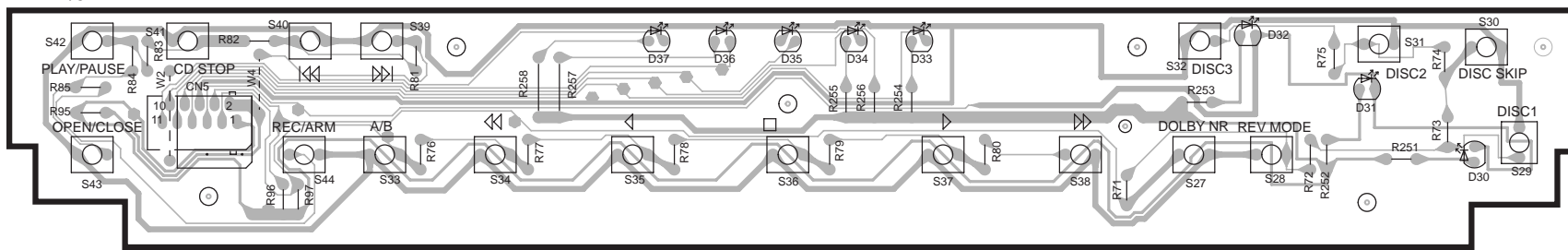
X14 C/6



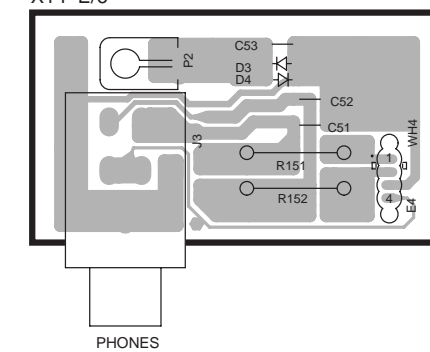
X14 F/6



X14 D/6



X14 E/6

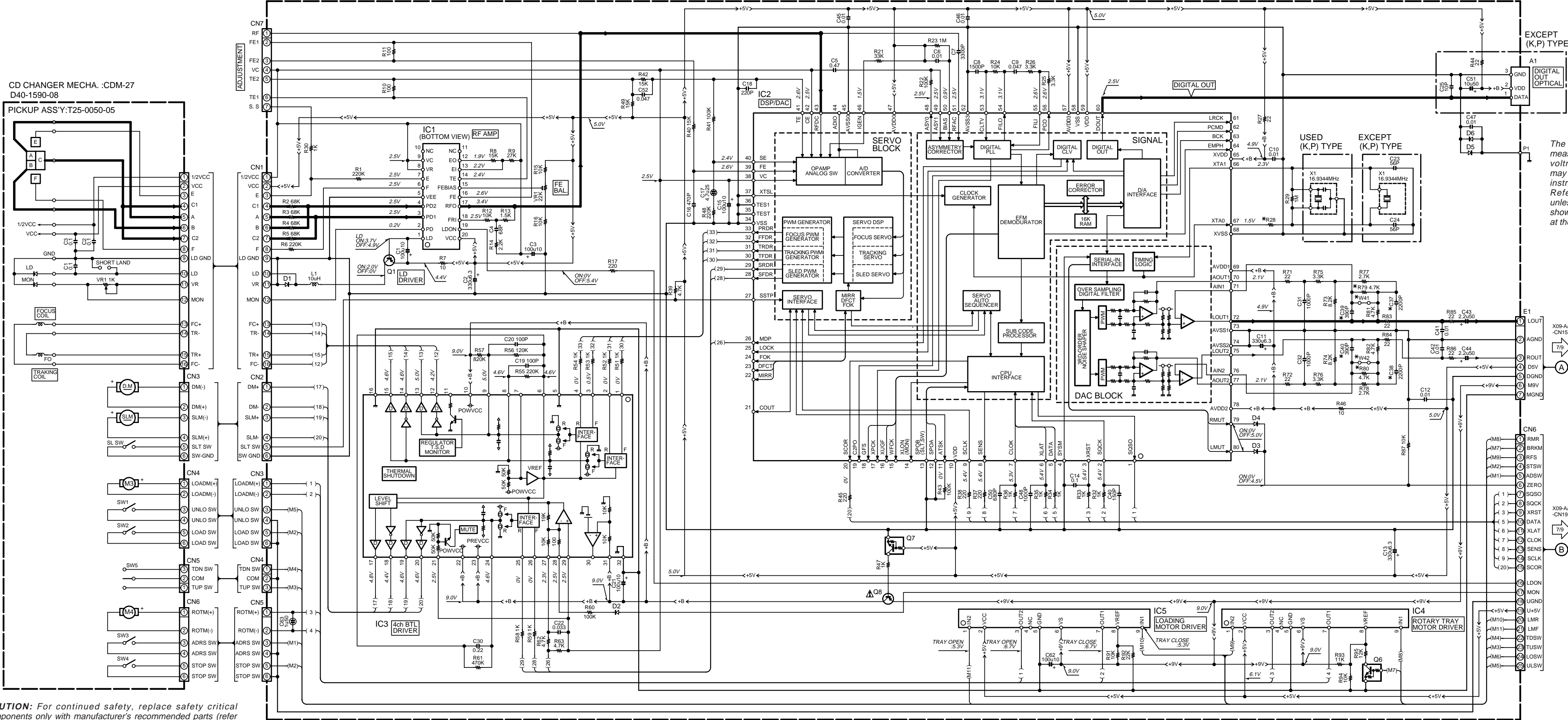


Refer to the schematic diagram for the value of resistors and capacitors.

CD CHANGER MECHA.:CDM-27
D40-1590-08

PICKUP ASS'Y:T25-0050-05

CD MECHANISM
(X32-359X-XX) 0-10: (K,P) TYPE 2-71: EXCEPT (K,P) 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.

IC1 : CX14511M
IC2 : CXD2587Q
IC3 : BA5979S
IC4.5 : TA8409S

Q1 : 2SA954(L,K)
Q6,7 : DTC124ESA or UN4212
Q8 : 2SB764(E,F)
D1-6 : 1SS133 or HSS104A

RXD-A700 (X32-3590-10)

DESTINATION	C23,24	R28	R79	W41
U.S.A.	K2	37-40	30	42
CANADA	P2	0-10	390	NO
AUSTRALIA	X2			YES

RXD-A900 (X32-3590-10)

DESTINATION	C23,24	R28	R79	W41
U.S.A.	K1	37-40	30	42
CANADA	P1	0-10	NO	390

RXD-A700E (X32-3590-10)

DESTINATION	C23,24	R28	R79	W41
U.S.A.	K2	37-40	30	42
EUROPE	E3	0-10	NO	390

RXD-A700W (X32-3590-10)

DESTINATION	C23,24	R28	R79	W41
RUSSIA	Q2	0-10	NO	390

RXD-951 (X32-3592-71)

DESTINATION	C23,24	R28	R79	W41
U.S.A.	K2	37-40	30	42
EUROPE	E3	0-10	NO	390

RXD-951E (X32-3592-71)

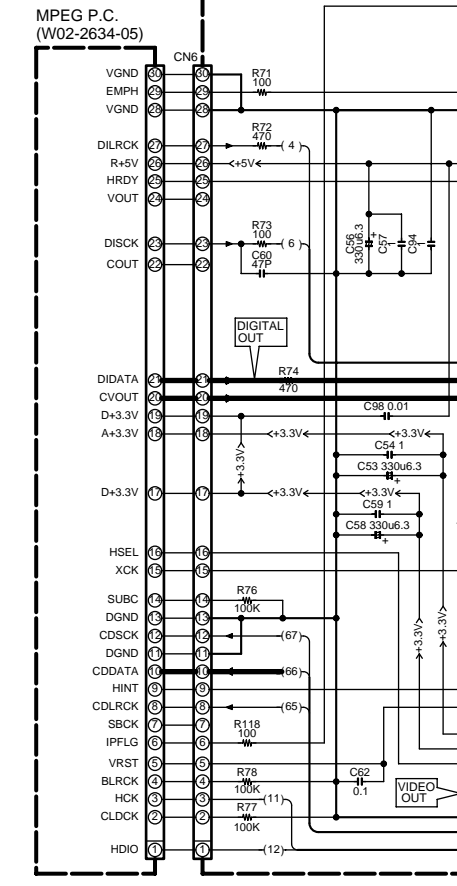
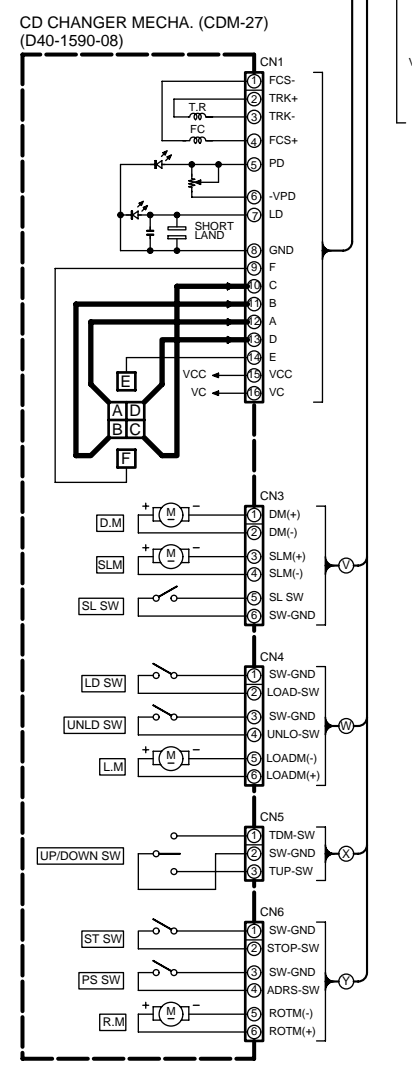
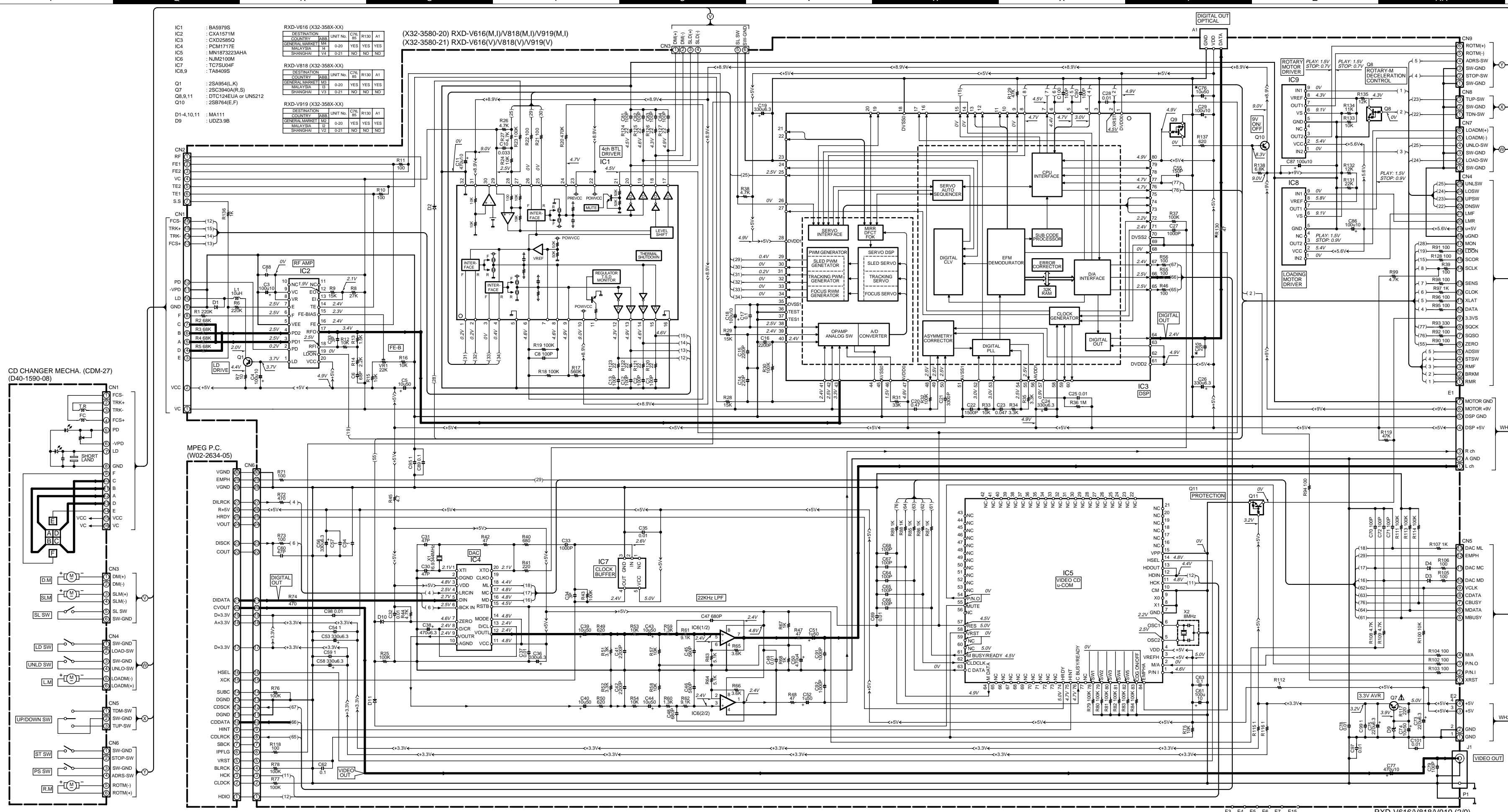
DESTINATION	C23,24	R28	R79	W41
U.S.A.	K2	37-40	30	42
EUROPE	E3	0-10	NO	390

RXD-951W (X32-3592-71)

DESTINATION	C23,24	R28	R79	W41
U.S.A.	K2	37-40	30	42
EUROPE	E3	0-10	NO	390

RXD-A700/A900(K) (1/9)
RXD-V616/V818/V919(E) (1/9)
RXD-951/951E/951W(E) (1/9)

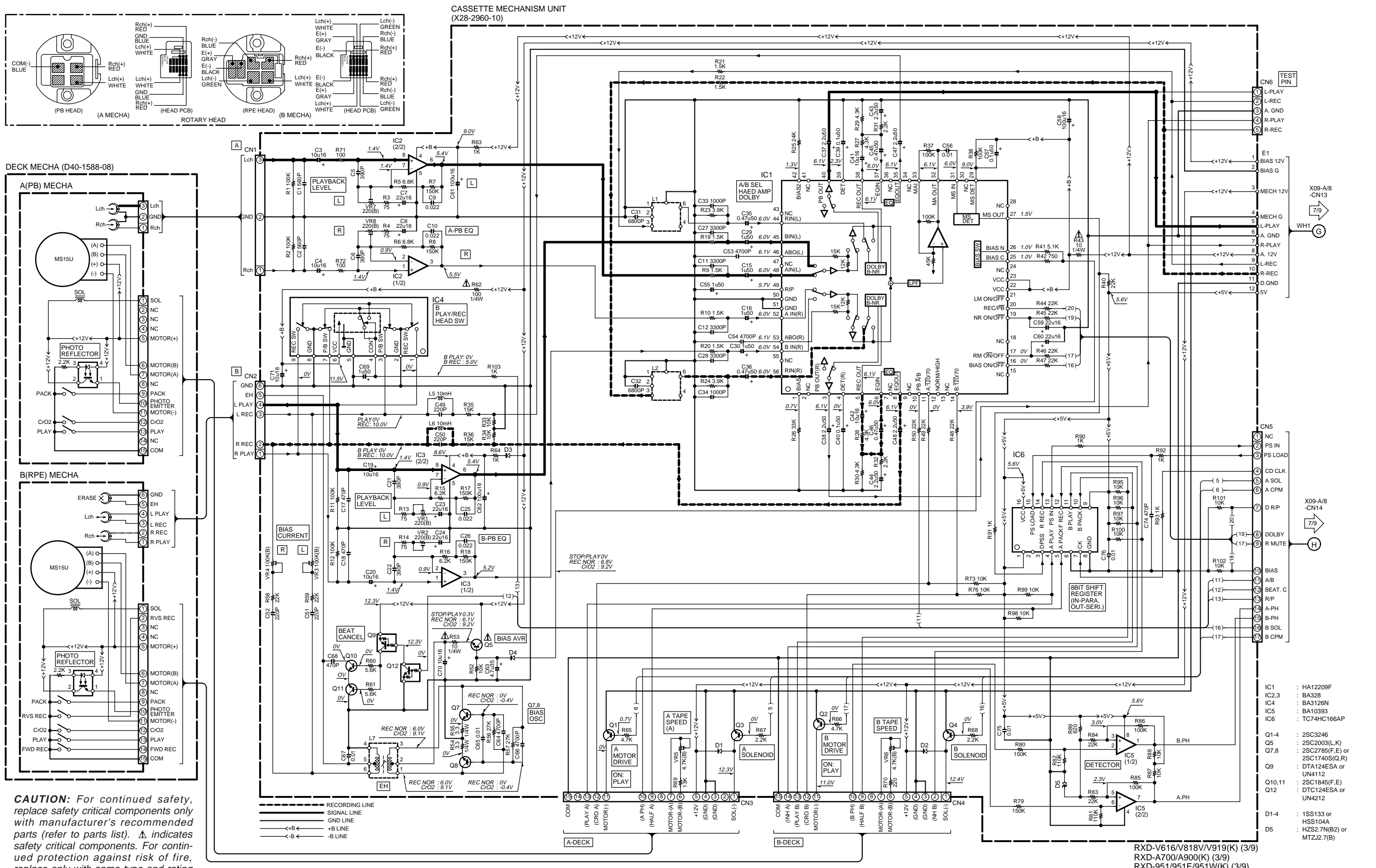
RXD-951/A700/A900/V616/V818/V919



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. 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.

RXD-951/A700/A900/V616/V818/V919



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. 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.

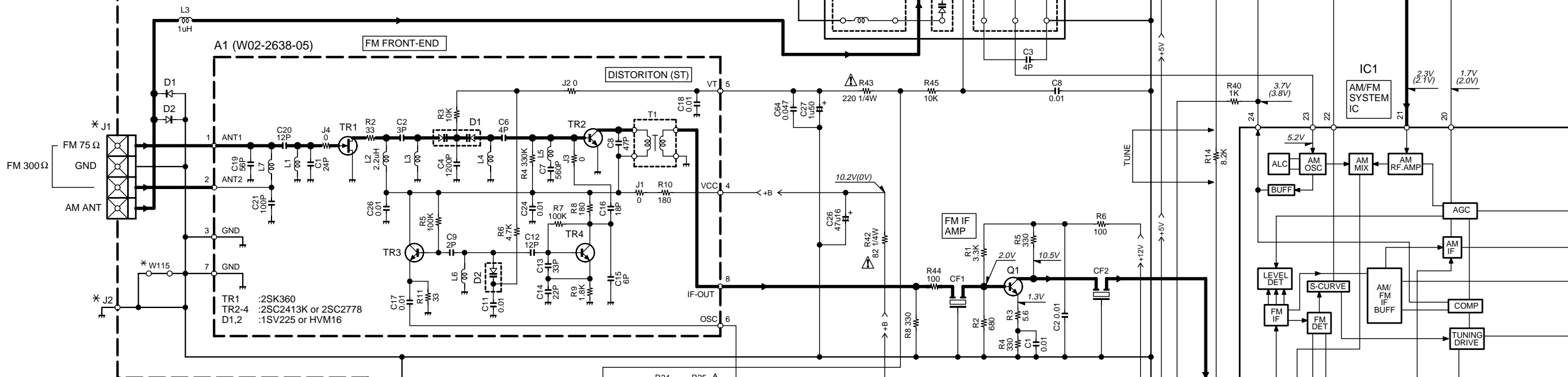
DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

RXD-V616/V818V/V919(K) (3/9)
 RXD-A700/A900(K) (3/9)
 RXD-951/951E/951W(K) (3/9)

TUNER AP
 (X05-4890-XX) RXD-V616/V818/V919(M,I) RXD-A700/(K,P,X) RXD-A900(K,P) RXD-951(M,M5,I,Y,X)
 (X05-4922-10) RXD-V616/V818/V919(V)

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



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.

VT VOLTAGE

BAND	FREQ	VT
FM	LF	2.0V
	HF	7.3V
AM	LF	1.4V
	HF	4.9V

RXD-V616 (X05-4XXX-XX)

DESTINATION COUNTRY	ABB	UNIT No.	©	C21, 22	W115, 116,119	J1	J2
GENERAL MARKET	M4	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
MALAYSIA	I4	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
SHANGHAI	V4	X05-4922-10	NO			E70-0079-05	F10-1074-04

RXD-V818 (X05-4XXX-XX)

DESTINATION COUNTRY	ABB	UNIT No.	©	C21, 22	W115, 116,119	J1	J2
GENERAL MARKET	M3	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
MALAYSIA	I3	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
SHANGHAI	V3	X05-4922-10	NO			E70-0079-05	F10-1074-04

RXD-V919 (X05-4XXX-XX)

DESTINATION COUNTRY	ABB	UNIT No.	©	C21, 22	W115, 116,119	J1	J2
GENERAL MARKET	M2	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
MALAYSIA	I2	X05-4890-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
SHANGHAI	V2	X05-4922-10	NO			E70-0079-05	F10-1074-04

RXD-A900 (X05-4890-11)

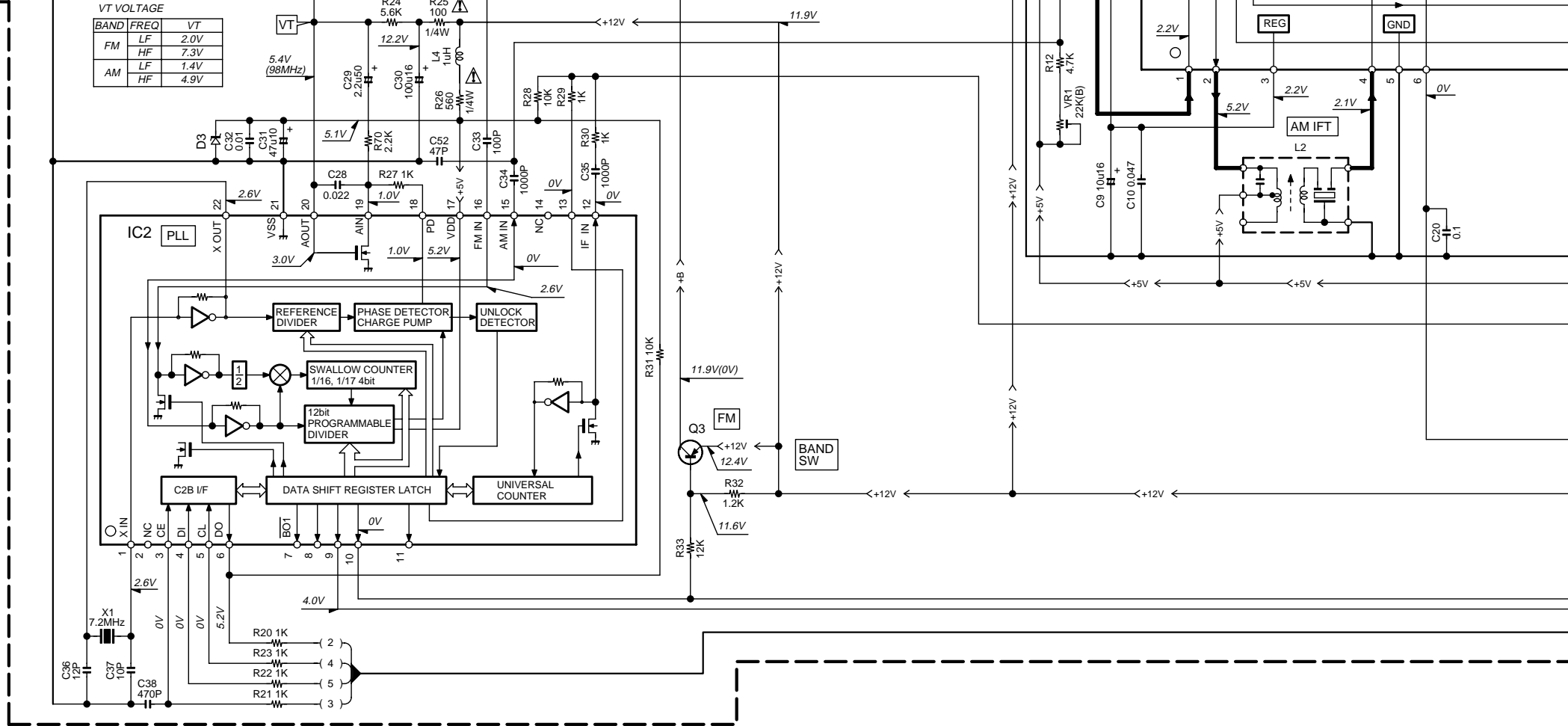
DESTINATION COUNTRY	ABB	UNIT No.	©	C21, 22	W115, 116,119	J1	J2
U.S.A.	K1	0-11	NO	0.018	NO	E20-0476-05 or E70-0051-05	F10-0945-04
CANADA	P1	0-11	NO	0.018	NO	E20-0476-05 or E70-0051-05	F10-0945-04

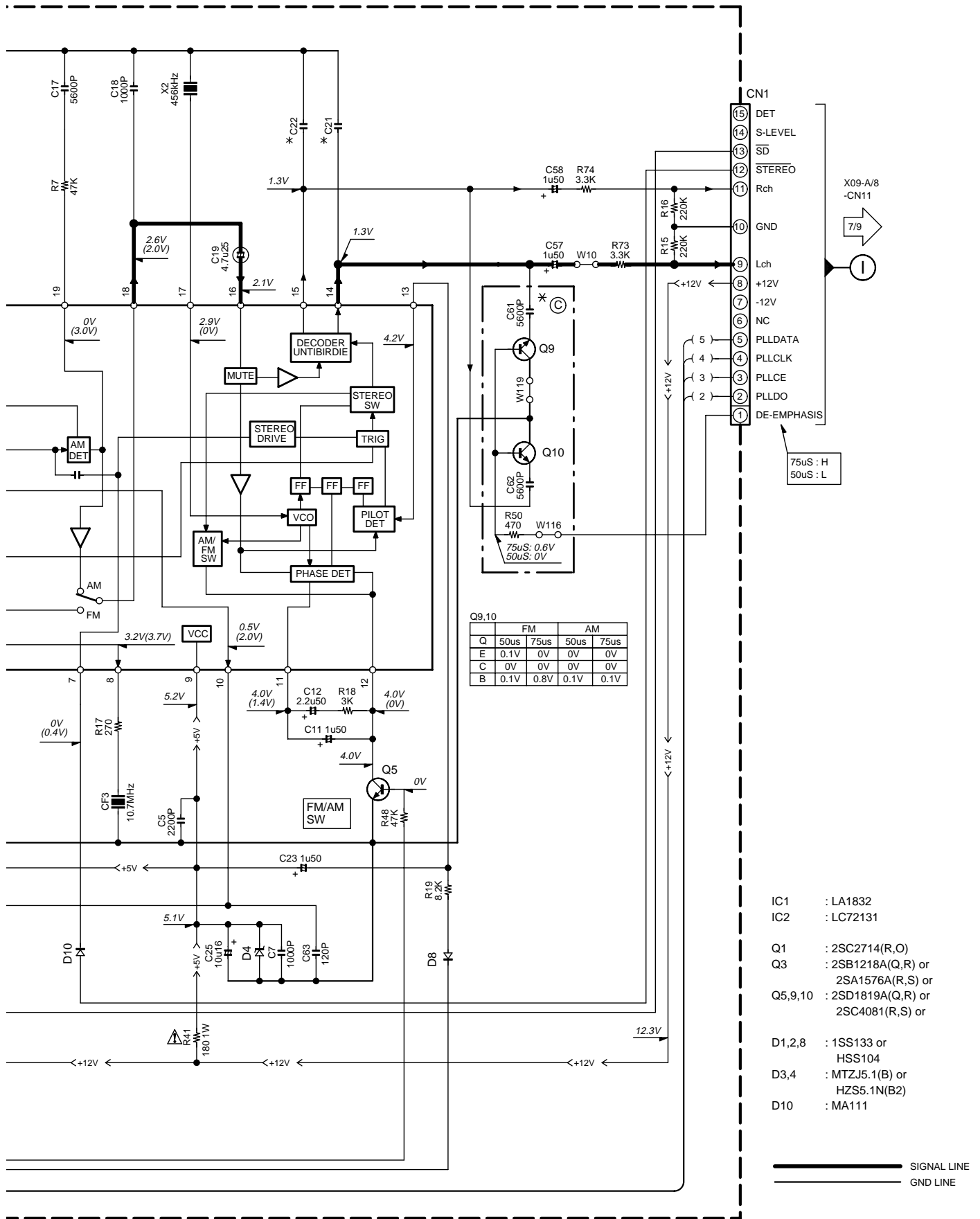
RXD-A700 (X05-489X-XX)

DESTINATION COUNTRY	ABB	UNIT No.	©	C21, 22	W115, 116,119	J1	J2
U.S.A.	K2	0-11	NO	0.018	NO	E20-0476-05 or E70-0051-05	F10-0945-04
CANADA	P2	0-11	NO	0.018	NO	E20-0476-05 or E70-0051-05	F10-0945-04
AUSTRALIA	X2	0-71	NO	0.012	NO	E20-0476-05 or E70-0051-05	F10-0945-04

RXD-951 (05-489X-XX)

DESTINATION COUNTRY	ABB	UNIT No.	©	C21, 22	W115, 116,119	J1	J2
GENERAL MARKET	M1	0-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
MALAYSIA	I1	0-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
PX	Y1	0-20	YES	0.012	YES	E20-0476-05 or E70-0051-05	F10-0945-04
AUSTRALIA	X1	0-71	NO		NO	E20-0476-05 or E70-0051-05	F10-0945-04





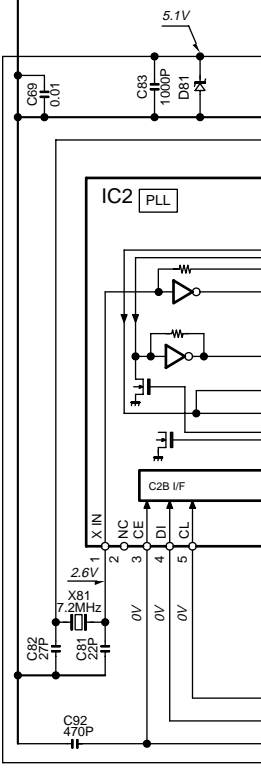
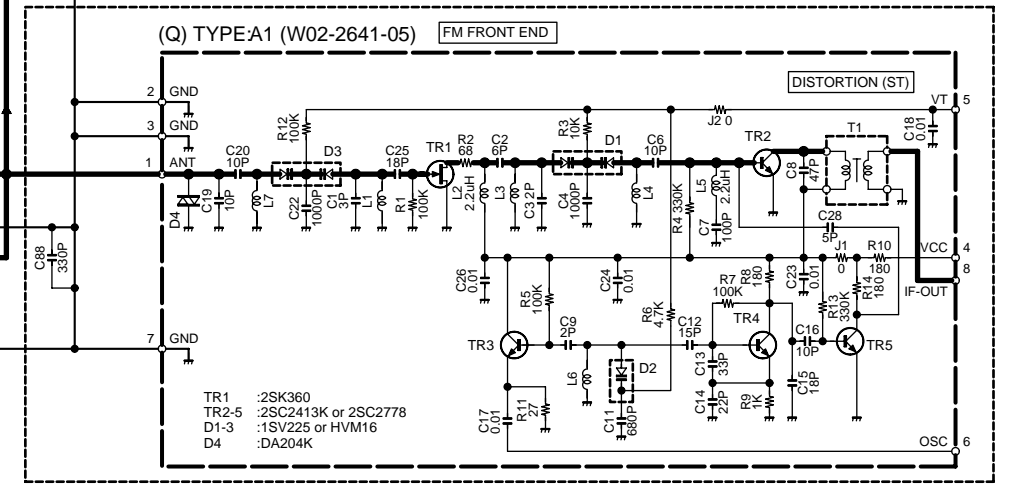
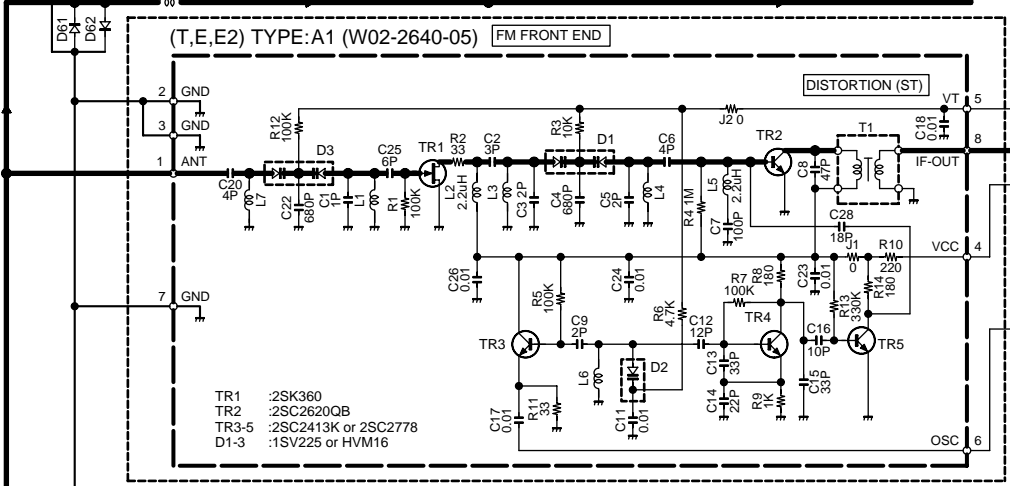
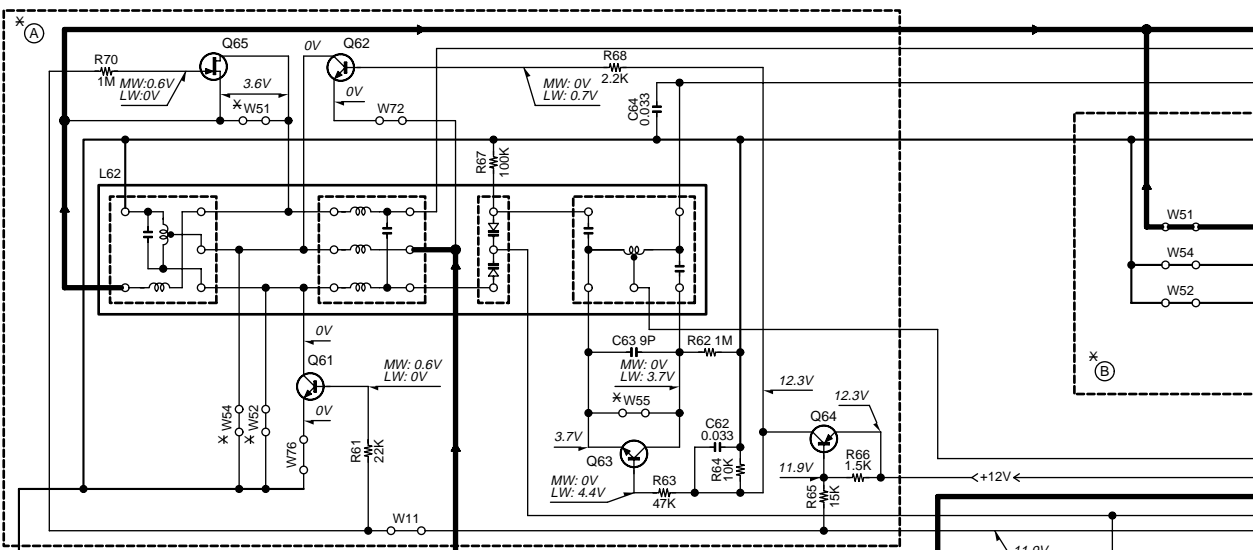
RXD-A700(K,P,X)/A900(K,P) (4/9)
 RXD-951(M,I,Y,X) (4/9)
 RXD-V616(M,I,V)/V818(M,I,V)/V919(M,I,V) (4/9)

Y39-2950-10

RXD-951/A700/A900/V616/V818/V919

KENWOOD

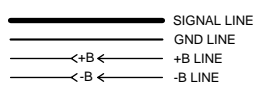
TUNER UNIT
 (X05-490X-XX) RXD-A700E(E3) RXD-A700W(Q2) RXD-951(E1) RXD-951E(E2) RXD-951W(Q1)

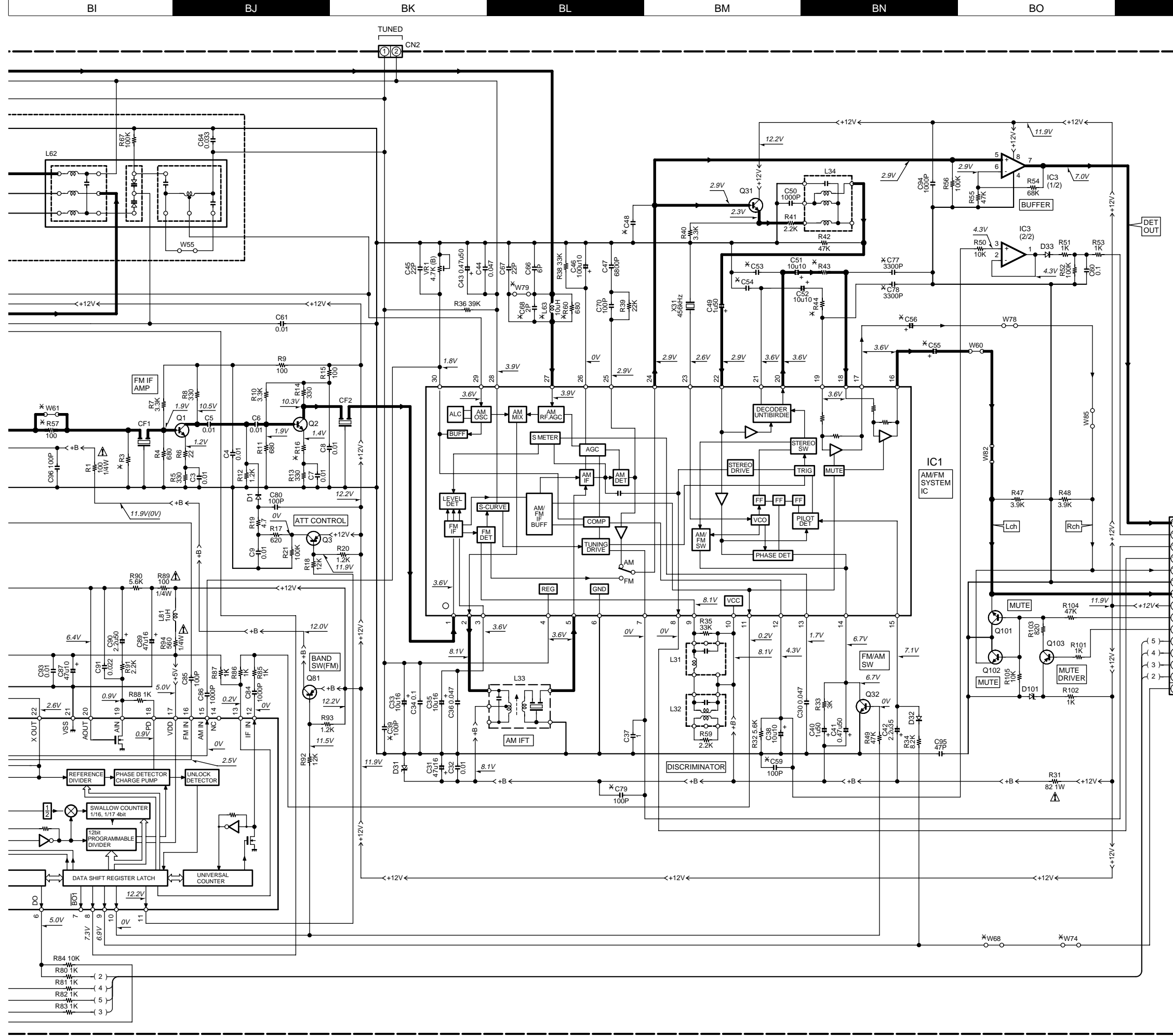


- IC1 : LA1836
- IC2 : LC72131
- IC3 : NJM2904M
- Q1,2 : 2SC2714(R,O)
- Q3,64,81,103 : 2SA1576A(R,S) or 2SB1218A(Q,R)
- Q31,32,61,62 : 2SC4081(R,S) or 2SD1819A(Q,R)
- Q63 : 2SC2878(B)
- Q65 : 2SK302(Y,GR)
- Q101,102 : 2SD2114K
- D1,33,61,62 : 1SS133 or HSS104
- D31 : MTZJ8.2(B) or HZS8.2N(B2)
- D32 : MA111
- D81 : MTZJ5.1(B) or HZS5.1N(B2)
- D101 : MTZJ3.3(B) or HZS3.3N(B2)

VT VOLTAGE

BAND	FREQ	VT
FM	LF	2.3V
	HF	7.7V
AM (MW)	LF	1.2V
	HF	4.6V





RXD-951 (X05-4902-70)

DESTINATION	UNIT No.	(A)	(B)	(C)	C39.59	C48	C53	C54	C55	C56	C68.77	R3	R16	R43	R44	R57	R60	L62	L63	W68.74	W79	W51.52.54	J2	A1
COUNTRY/JABB	EUROPE	E1	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640			

RXD-951E (X05-4902-70)

DESTINATION	UNIT No.	(A)	(B)	(C)	C39.59	C48	C53	C54	C55	C56	C68.77	R3	R16	R43	R44	R57	R60	L62	L63	W68.74	W79	W51.52.54	J2	A1
COUNTRY/JABB	EUROPE	E2	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640			

RXD-A700E (X05-4902-70)

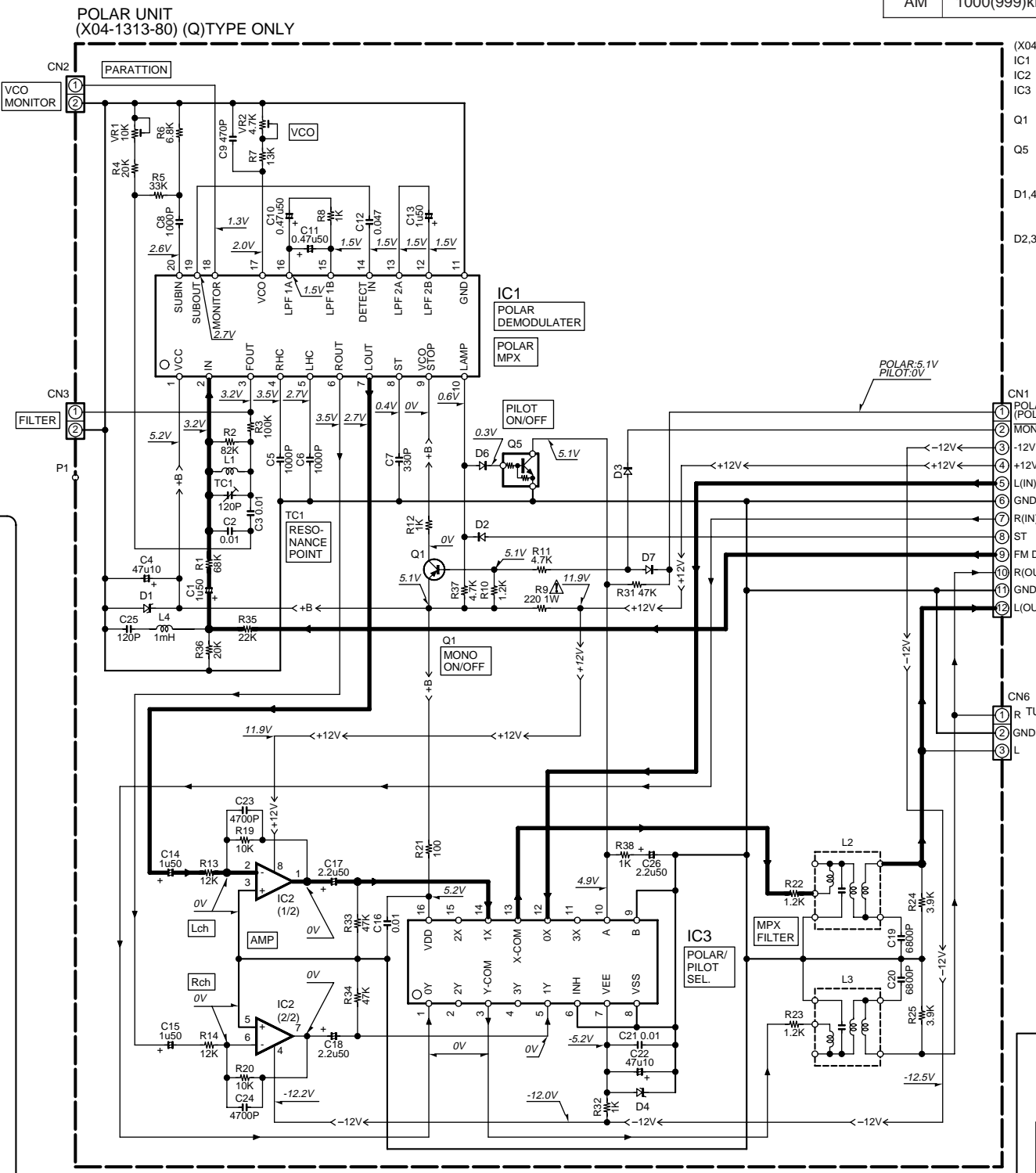
DESTINATION	UNIT No.	(A)	(B)	(C)	C39.59	C48	C53	C54	C55	C56	C68.77	R3	R16	R43	R44	R57	R60	L62	L63	W68.74	W79	W51.52.54	J2	A1
COUNTRY/JABB	EUROPE	E3	2-70	NO	YES	NO	820P	0.015	2.2u35	YES	3.3K	22	22K	NO	NO	L39-1367	YES	NO	YES	F10-1053	W02-2640			

RXD-951W (X05-4903-81)

DESTINATION	UNIT No.	(A)	(B)	(C)	C39.59	C48	C53	C54	C55	C56	C68.77	R3	R16	R43	R44	R57	R60	L62	L63	W68.74	W79	W51.52.54	J2	A1
COUNTRY/JABB	RUSSIA	Q1	3-81	YES	NO	YES	880P	0.018	3.3u25	NO	330	47	12K	YES	NO	L39-1368	NO	YES	NO	YES	F10-1088	W02-2641		

RXD-A700W (X05-4903-81)

DESTINATION	UNIT No.	(A)	(B)	(C)	C39.59	C48	C53	C54	C55	C56	C68.77	R3	R16	R43	R44	R57	R60	L62	L63	W68.74	W79	W51.52.54	J2	A1
COUNTRY/JABB	RUSSIA	Q2	3-81	YES	NO	YES	880P	0.018	3.3u25	NO	330	47	12K	YES	NO	L39-1368	NO	YES	NO	YES	F10-1088	W02-2641		



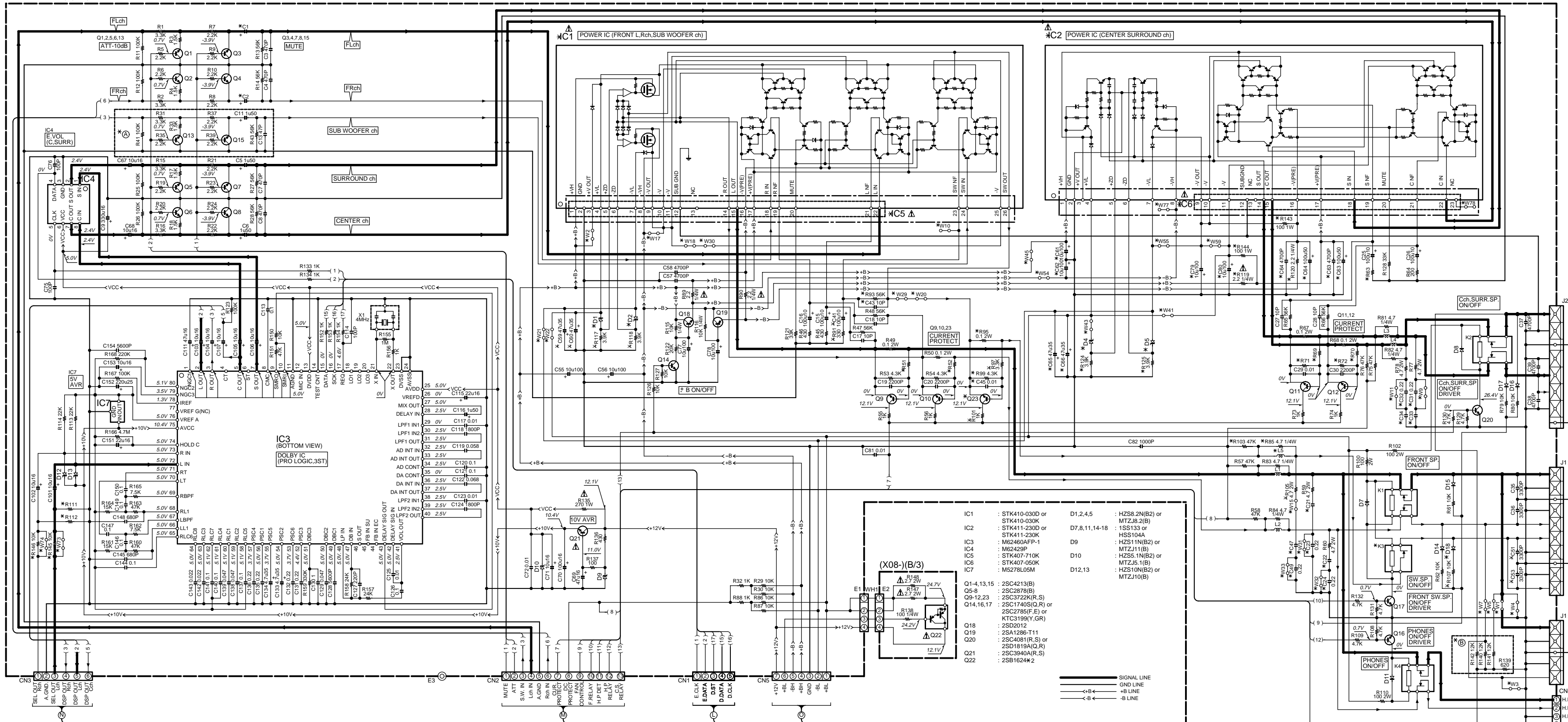
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, 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 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 made.

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-951/A700/A900/V616/V818/V919

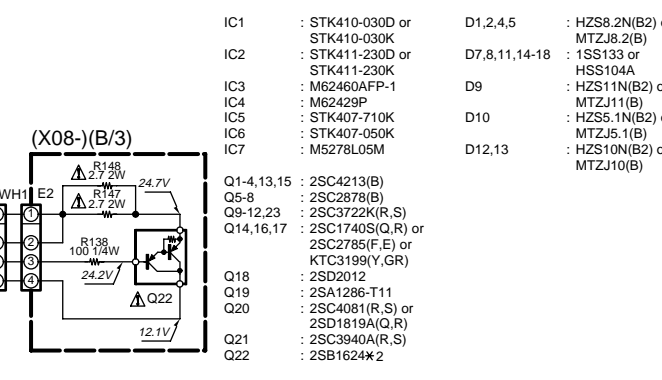




1	2	3	4	5	6	7	8	9-11	12-15	16	17	18,19	20	21,22	23,24	25	26	
IC1	57.5V	0V	25.9V	26.4V	18.5V	-18.9V	-27.0V	-57.8V	-26.5V	0V	-56.3V	56.5V	0V	-55.3V	0V	0V	-26.4V	0V
1	2	3	4-7	8-11	12-15	16	17	18,19	20	21,22								
IC5	45.7V	0V	45.7V	-46.0V	0V	-45.1V	45.0V	0V	-43.9V	0V								
1	2	3	4	5	6	7	8	9-11	12-15	16	17	18,19	20	21,22				
IC2	57.3V	0V	57.3V	26.4V	18.5V	-18.9V	-27.0V	-57.8V	-26.5V	0V	-55.5V	56.5V	0V	-55.4V	0V			
1,2	3	4-7	8	9	10,11	12	13-15											
IC6	27.5V	26.4V	0V	-26.4V	26.4V	0V	-25.3V	0V										

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. 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.



RXD-A700 (X08-2870-11)

DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,47	C63	C64	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
U.S.A.	KT	0-11	0.47u50	0.1	NO	NO	NO	NO	NO	NO	NO	NO	NO	2.7K	220	430	2.7K	NO	NO	NO	NO	100K	NO	NO	NO	NO

RXD-A700E (X08-2872-72)

DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,47,49,51	C63,64	C79,80	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
EUROPE	E3	2/72	0.47u50	0.22	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	100K	NO	NO	NO	NO

RXD-A700W (X08-2872-72)

DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,47,49,51	C63,64	C79,80	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
RUSSIA	Q2	2/72	0.47u50	0.22	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	100K	NO	NO	NO	NO

RXD-V919 (X08-XXXX-XX)

DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,47,49,51	C63,64	C79,80	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
EUROPE	E1	2/71	10u50	0.22	YES	4700P	NO	YES	YES	NO	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	NO	NO	NO	NO	NO	NO

RXD-A900 (X08-2870-20)

DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,51,53	C63	C64	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
U.S.A.	KT	0-11	0.47u50	0.1	NO	NO	NO	NO	NO	NO	NO	NO	NO	2.7K	220	430	2.7K	NO	NO	NO	NO	100K	NO	NO	NO	NO

RXD-951 (X08-287X-XX)

DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,51,53	C63	C64	C79,80	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
EUROPE	E1	2/71	10u50	0.22	YES	4700P	NO	YES	YES	NO	YES	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	NO	NO	NO	NO	NO	NO

RXD-951E (X08-2872-71)

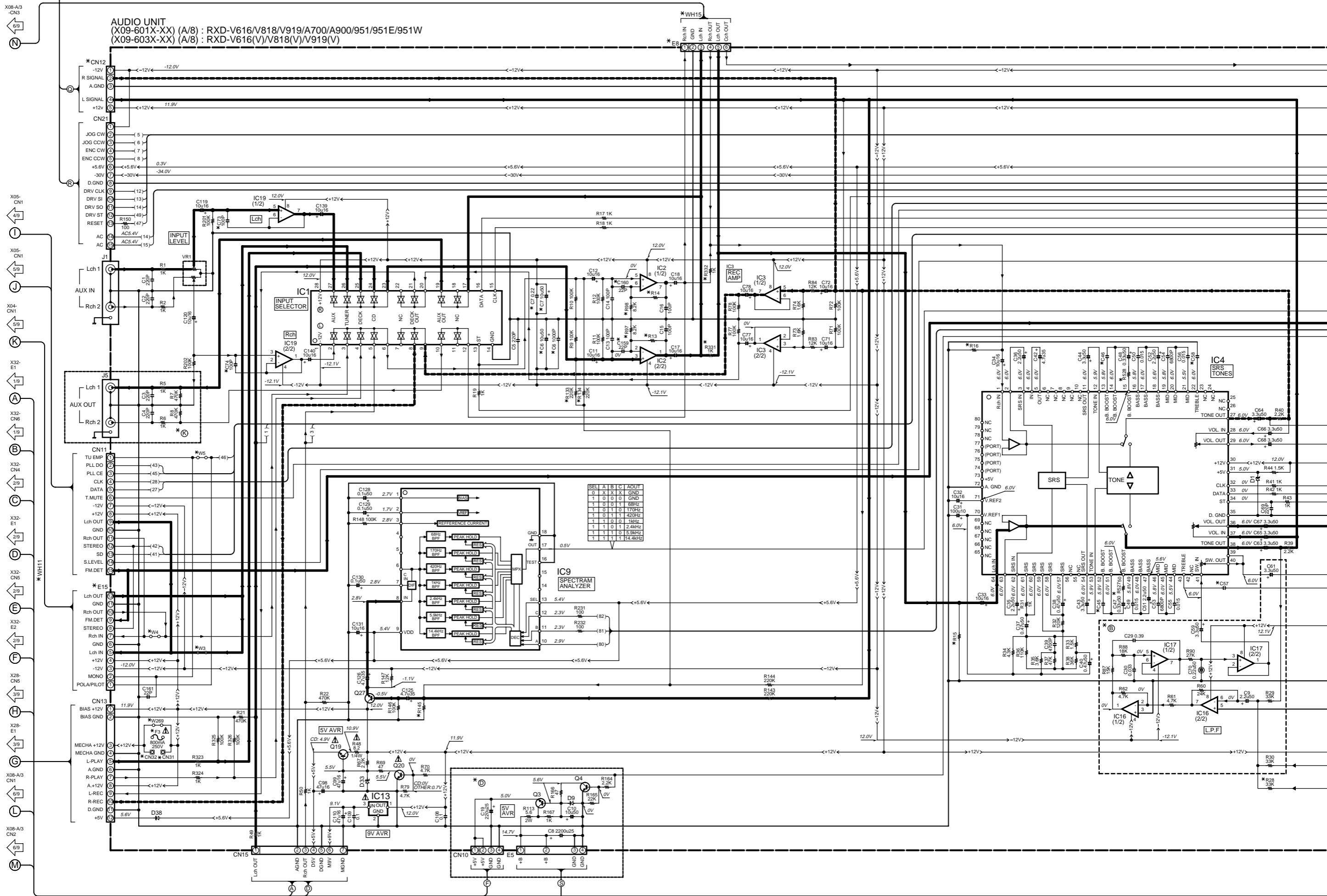
DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,51,53	C63	C64	C79,80	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
EUROPE	E1	2/71	10u50	0.22	YES	4700P	NO	YES	YES	NO	YES	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	NO	NO	NO	NO	NO	NO

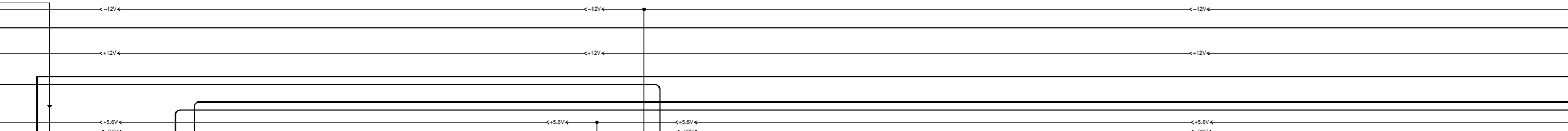
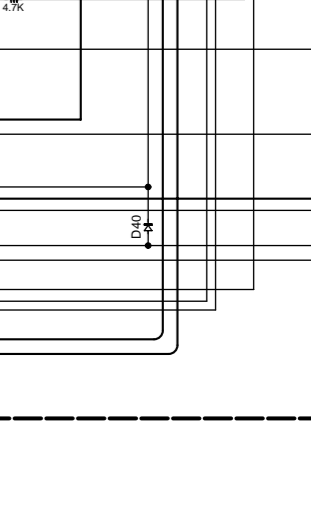
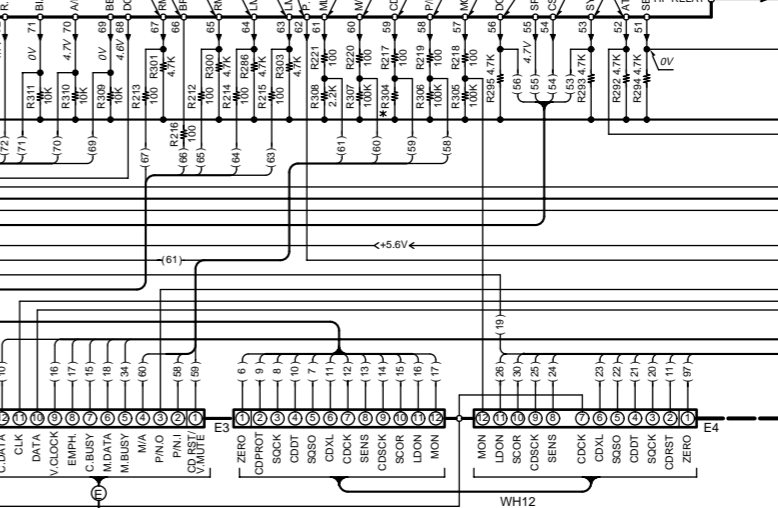
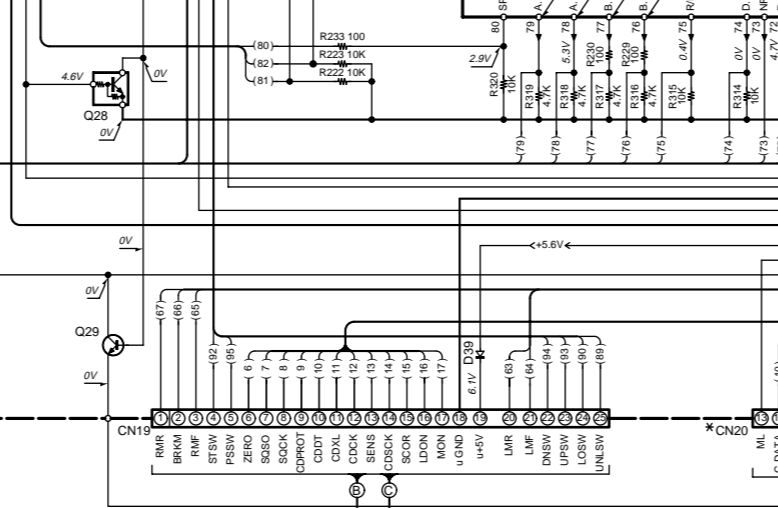
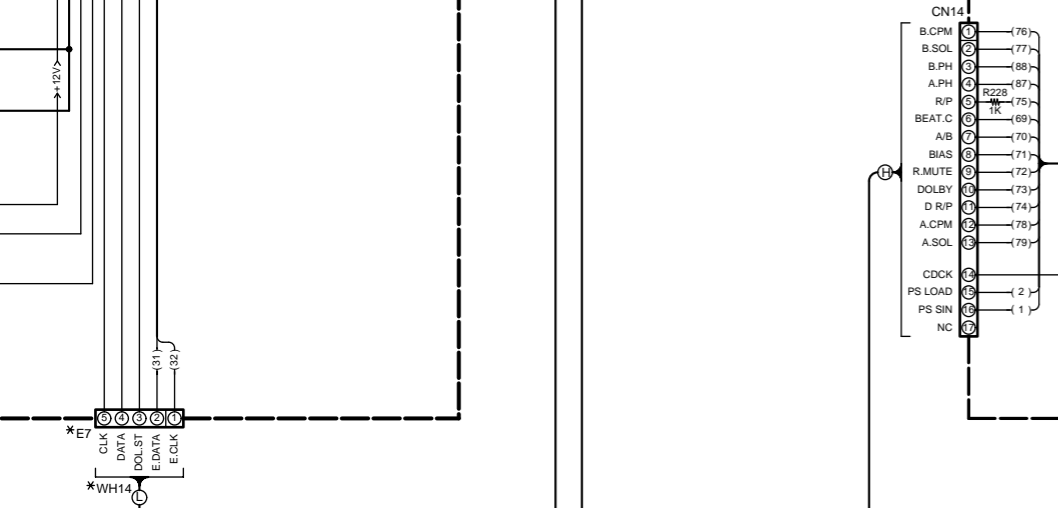
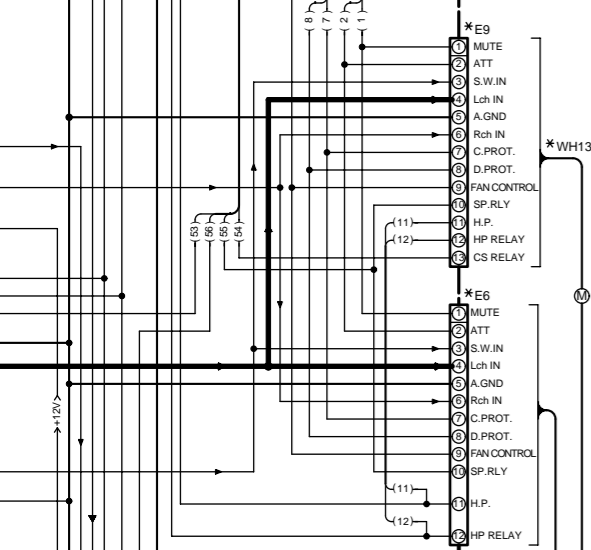
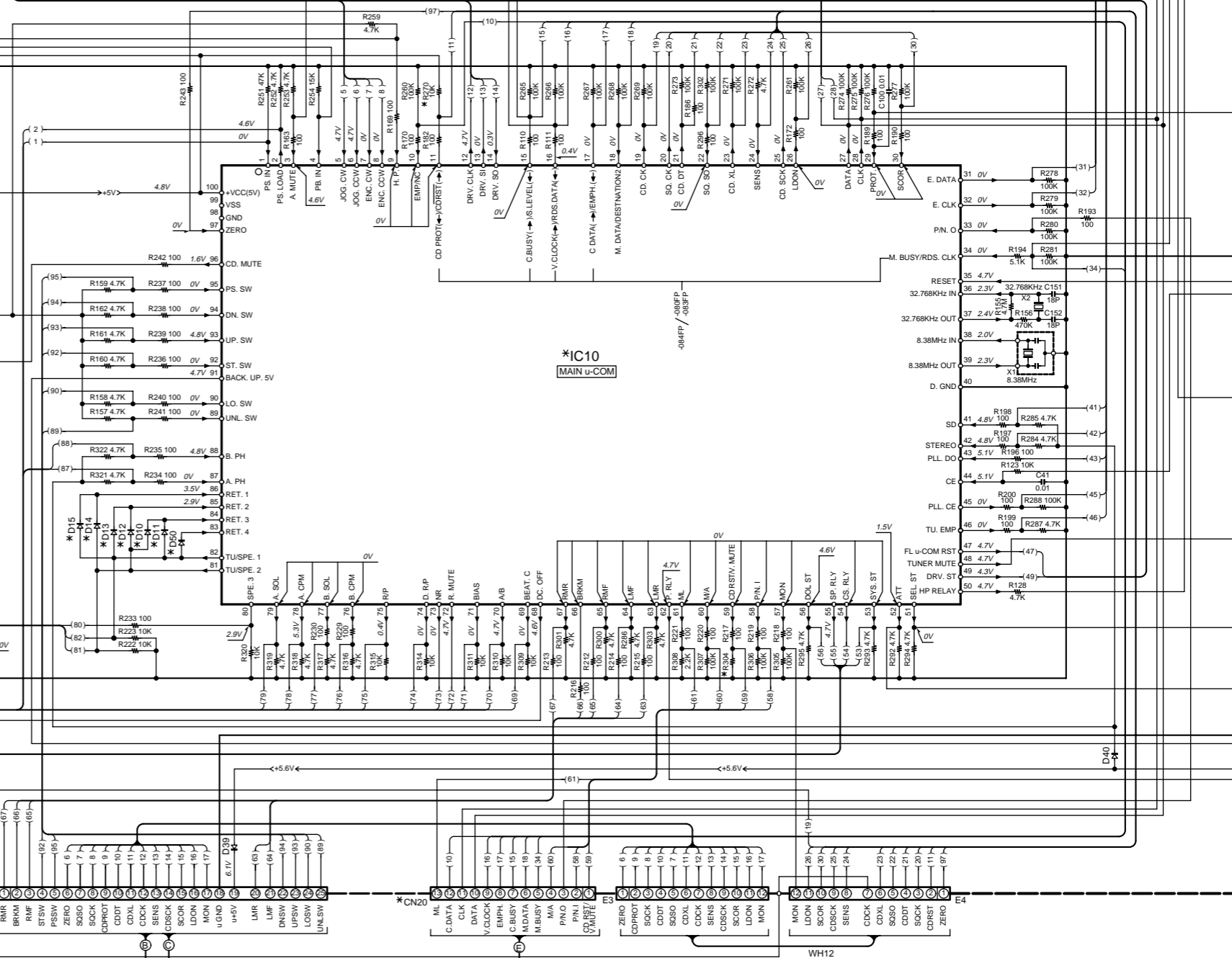
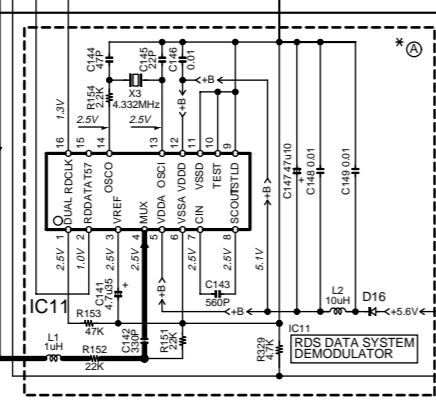
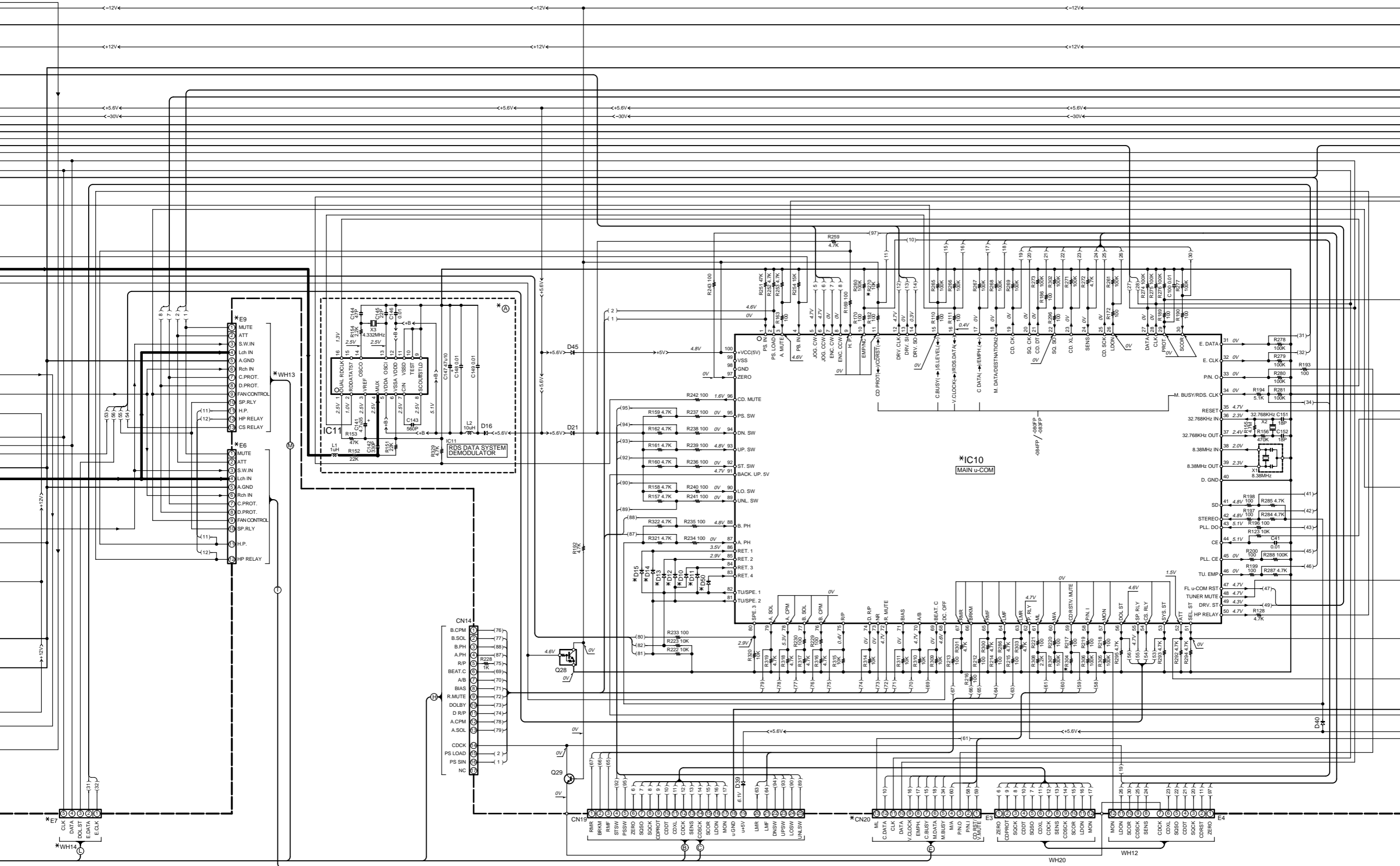
RXD-951W (X08-2872-71)

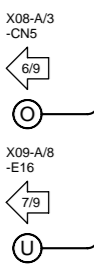
DESTINATION	UNIT	C1,2	C21,22	C23,24,31,32,41,43,45,51,53	C63	C64	C79,80	D1,2,4	D1,2,4	IC1,2	IC5,6	K3	L5	Q23	R51,52	R63	R69	R70	R85,91,93,95,97,99,101,103,105	R109	R111	R143	W1	W2,5,7,10,17	W3	W4,15,18,20,22,29	
RUSSIA	D1	2/71	10u50	0.22	YES	4700P	NO	YES	YES	NO	YES	YES	YES	YES	4.3K	240	3.3K	2.7K	YES	18K	NO	NO	NO	NO	NO	NO	NO

RXD-A700/A900/V919 (6/9)
 RXD-951/951E/951W (6/9)

AUDIO UNIT
 (X09-601X-XX) (A/8) : RXD-V616/V818/V919/A700/A900/951/951E/951W
 (X09-603X-XX) (A/8) : RXD-V616(V)/V818(V)/V919(V)







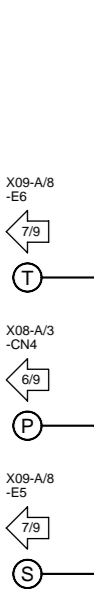
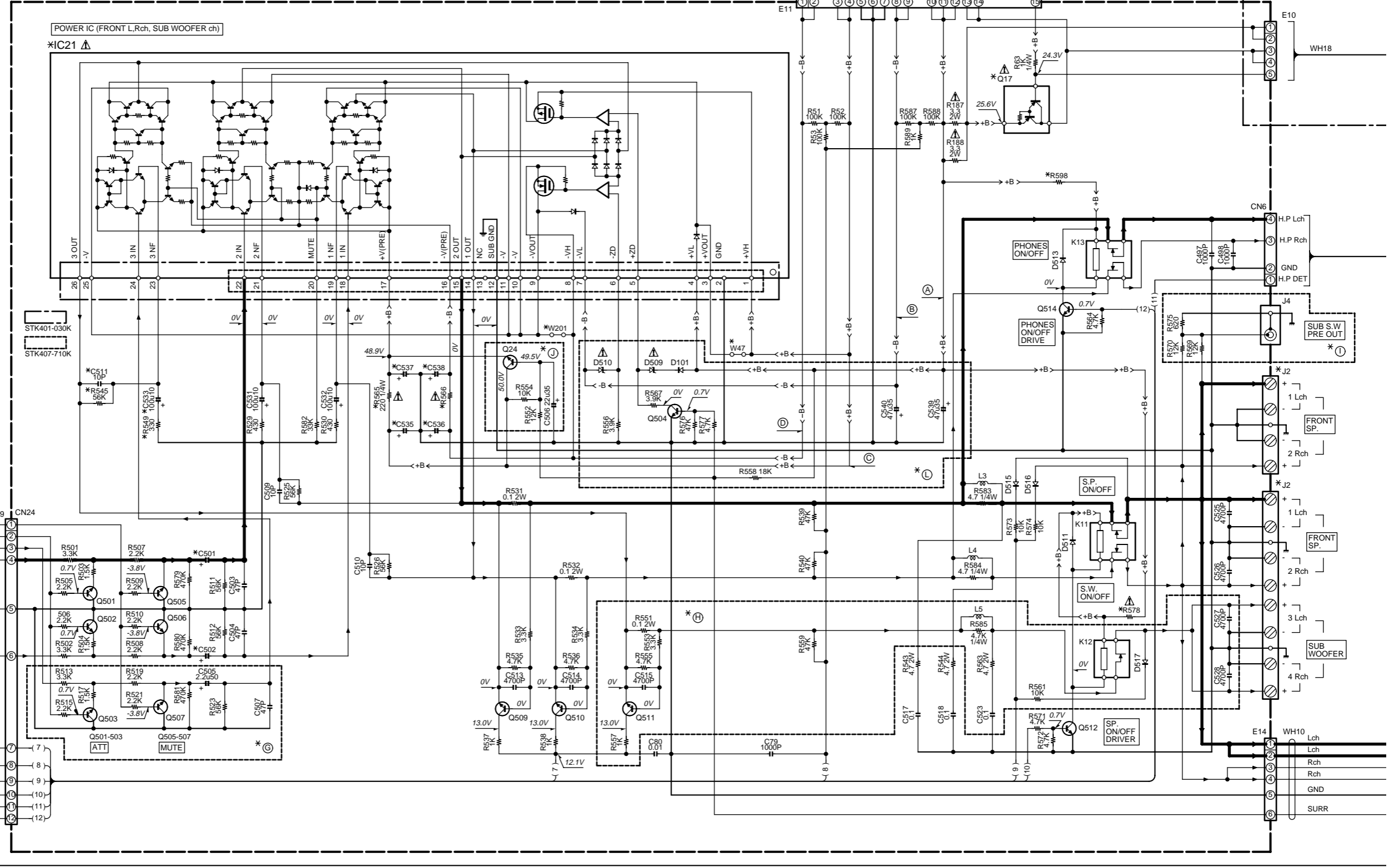
IC21	1	2	3	4	5	6	7	8	9-11	12-15	16	17	18,19	20	21,22	23,24	25	26
SKT401-030K	58.0V	0V	26.1V	26.6V	18.0V	-19.1V	-27.2V	-58.3V	-26.6V	0V	-54.0V	54.2V	0V	-52.6V	0V	0V	-26.6V	0V
SKT407-710K	50.0V	0V	50.0V	0V	0V	0V	0V	-50.3V	-50.3V	0V	-49.0V	49.0V	0V	-47.7V	0V	N/C	N/C	N/C

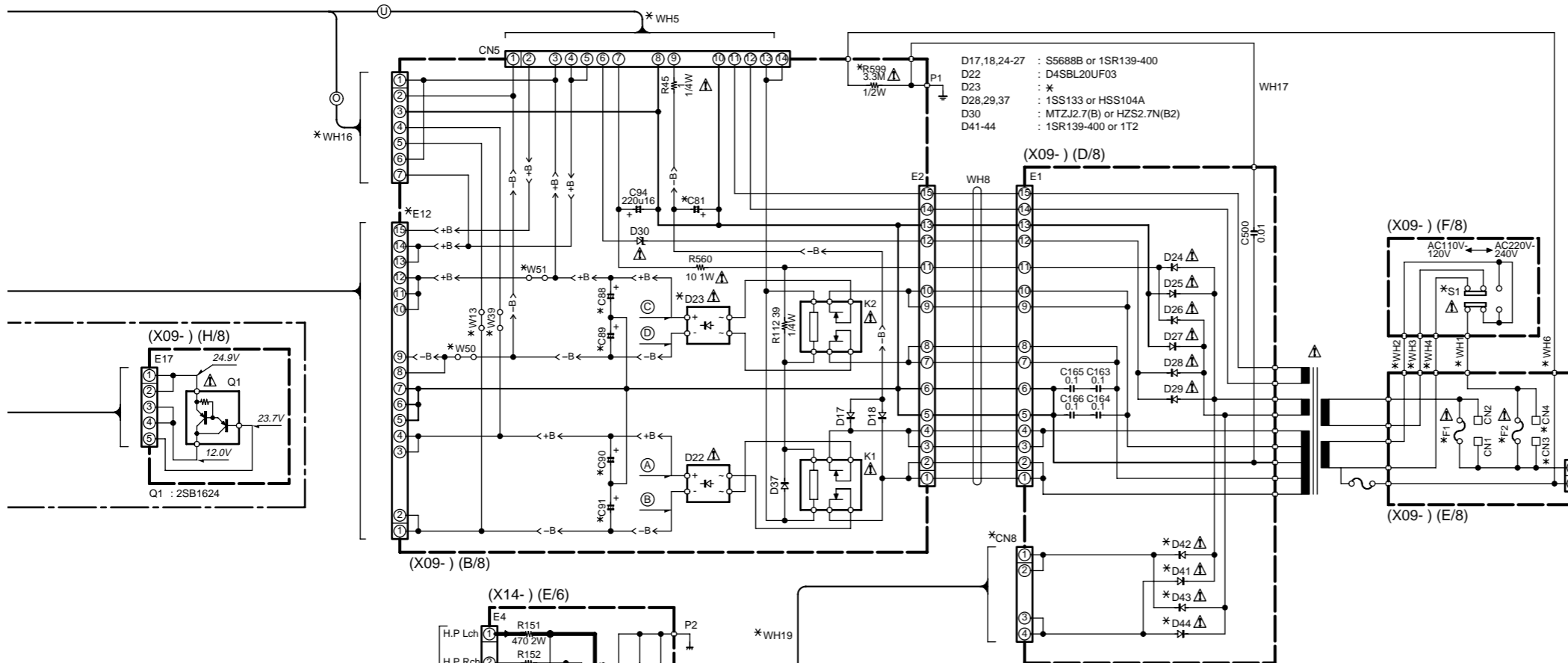
D22,23	(A)	(B)	(C)	(D)
RXD-A700	45.9V	-46.0V	26.9V	-27.6V
RXD-V616	57.3V	-57.4V	25.9V	-26.3V
OTHER	57.3V	-57.6V	26.4V	-27.0V

RXD-V616 (X09-60XX-XX)																		
DESTINATION	COUNTRY	ABB	UNIT No.	(I)	(J)	(G)	(H)	(L)	IC21	J2	Q17	R545, 549, 565	R566	R578, 598	C501, 502	C511, 533	C535-538	W47, 201
GENERAL MARKET	M4		10-22	YES					STK407-710K	4P	NO	NO	100 1/4W	47 2W	2.2u50	NO	10u63	YES
MALAYSIA	I4																	
SHANGHAI	V4		32-12															

RXD-V818 (X09-60XX-XX)																		
DESTINATION	COUNTRY	ABB	UNIT No.	(I)	(J)	(G)	(H)	(L)	IC21	J2	Q17	R545, 549, 565	R566	R578, 598	C501, 502	C511, 533	C535-538	W47, 201
GENERAL MARKET	M3		10-21	NO		YES			STK410-030K	8P	YES	YES	200 1/4W	100 2W	0.056u50	YES	10u100	NO
MALAYSIA	I3																	
SHANGHAI	V3		32-11															

(X09-601X-XX) (C/8) : RXD-V616(M4,I4)/V818(M3,I3)
 (X09-603X-XX) (C/8) : RXD-V616(V4)/V818(V3)

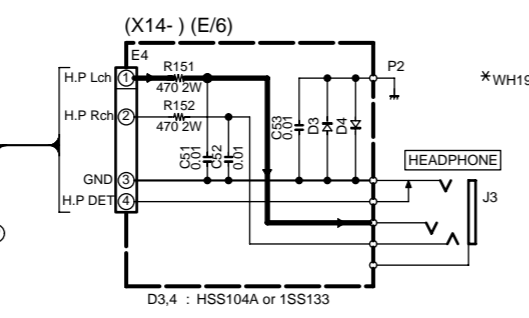
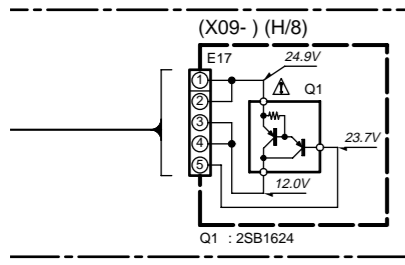




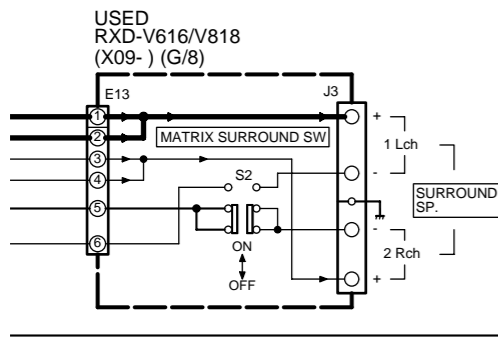
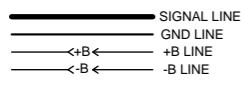
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, 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. 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.

- (J) : AC100V 50/60Hz
- (K,P) : AC120V 60Hz
- (Y,M) : AC110-120V/220-240V-50/60Hz
- (Q) : AC220V-50Hz
- (X) : AC240V-50Hz
- (T,E,E2) : AC230V-50Hz



- IC21 : *
- Q17 : 2SB1624
- Q24 : 2SD2525 or 2SD2137(Q,P)
- Q501-503,505-507 : 2SC2878(B)
- Q509-511 : 2SC1845(F,E)
- Q504,512,514 : 2SC1740S(Q,R) or KTC3199(Y,GR) or 2SC2785(F,E)
- D101,511,513 : 1SS133 or HSS104A
- D509,510,515-517 : MTZJ8.2(B) or HZS8.2N(B2)



RXD-V616 (X09-60XX-XX)																					
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4	WH5	WH6, 16	WH19	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51
GENERAL MARKET	M4		10-22	YES	14P L=390MM	NO	YES	YES	YES	YES	YES	D4SBL20UF03	YES	250V T 2AL	250V T 2AL	NO	100u63	2200u35	4700u63	NO	YES
MALAYSIA	I4		32-12	NO										250V T 2A	NO						
SHANGHAI	V4		32-12	NO										250V T 2A	NO						

RXD-V818 (X09-60XX-XX)																					
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4	WH5	WH6, 16	WH19	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51
GENERAL MARKET	M3		10-21	YES	14P L=390MM	NO	YES	YES	YES	YES	YES	D4SBL20UF03	YES	250V T 3.15AL	250V T 3.15AL	NO	100u100	4700u35	4700u75	NO	YES
MALAYSIA	I3		32-11	NO										250V T 3.15A	NO						
SHANGHAI	V3		32-11	NO										250V T 3.15A	NO						

RXD-V919 (X09-60XX-XX)																					
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4	WH5	WH6	WH16, 19	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51
GENERAL MARKET	M2		10-20	YES	14P L=580MM	NO	YES	NO	YES	YES	YES	RBV-602LFA	YES	250V T 4AL	250V T 4AL	NO	100u100	4700u35	4700u75	YES	NO
MALAYSIA	I2		32-10	NO										250V T 4A	NO						
SHANGHAI	V2		32-10	NO										250V T 4A	NO						

RXD-A700 (X09-601X-XX)																					
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4, 19	WH5	WH6	WH16	E12	CN3, 4, 8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51	
U.S.A.	K2		0-12	NO	14P L=580MM	YES	YES	NO	NO	NO	NO	RBV-602LFA	NO	125V 6.3A	NO	YES	100u63	2200u35	4700u63	YES	NO
CANADA	P2													250V T 3.15AL							
AUSTRALIA	X2		0-72											250V T 3.15AL							

RXD-A700E (X09-6012-72)																				
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4, 6, 19	WH5	WH16	E12	CN3, 4, 8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51	
EUROPE	E3		2-72	NO	14P L=580MM	YES	NO	NO	NO	NO	RBV-602LFA	NO	250V T 3.15AL	NO	NO	100u63	2200u35	4700u63	YES	NO

RXD-A700W (X09-6013-82)																				
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4, 6, 19	WH5	WH16	E12	CN3, 4, 8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51	
RUSSIA	Q2		3-82	NO	14P L=580MM	YES	NO	NO	NO	NO	RBV-602LFA	NO	250V T 3.15AL	NO	NO	100u63	2200u35	4700u63	YES	NO

RXD-A900 (X09-601X-XX)																				
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4, 19	WH5	WH6, 16	E12	CN3, 4, 8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51	
U.S.A.	K1		0-11	NO	14P L=580MM	YES	NO	NO	NO	NO	RBV-602LFA	NO	125V 10A	NO	YES	100u100	4700u35	4700u75	YES	NO
CANADA	P1																			

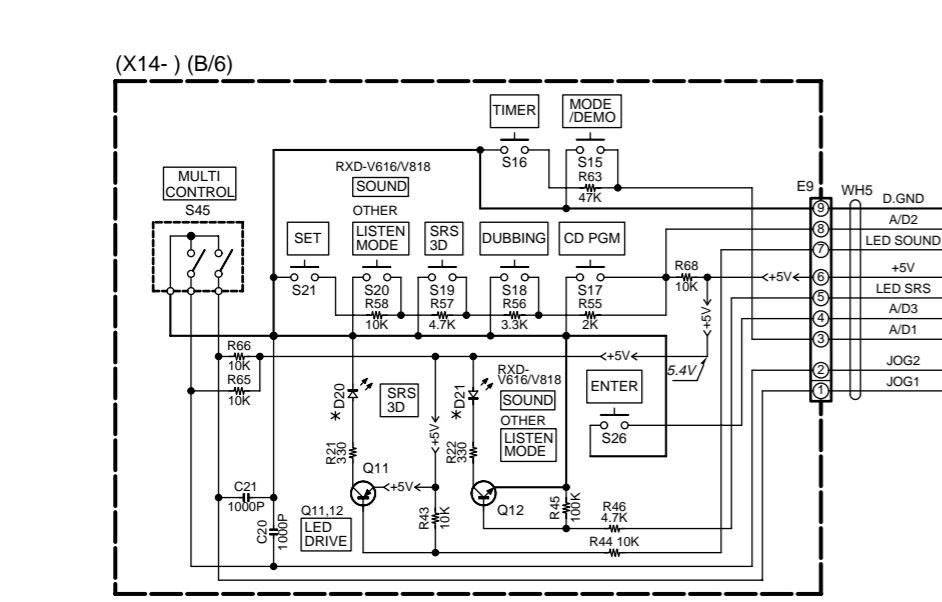
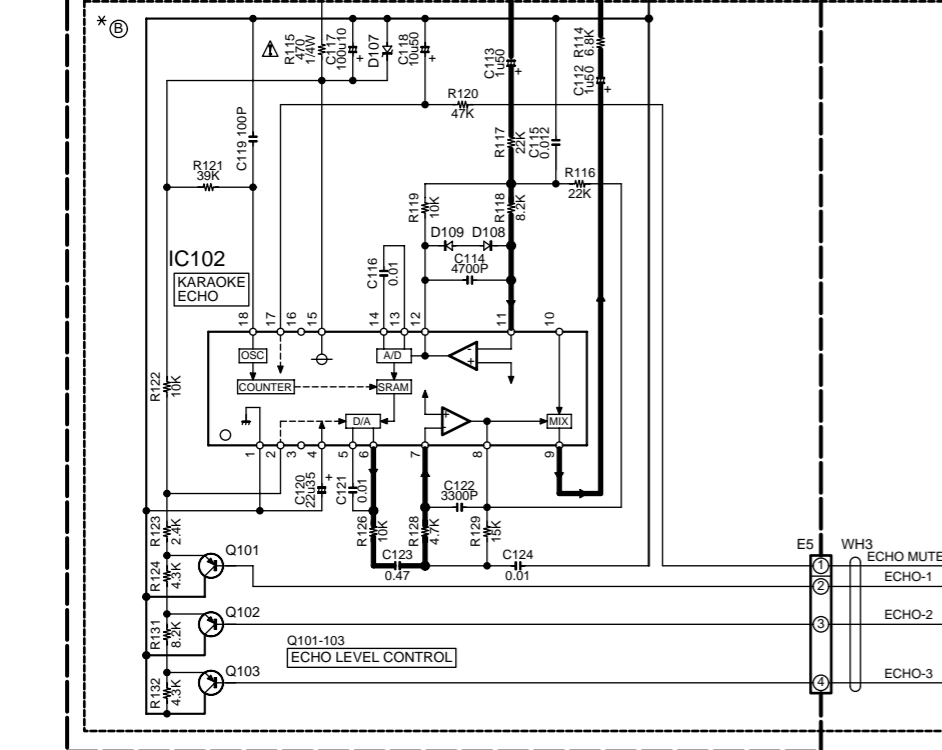
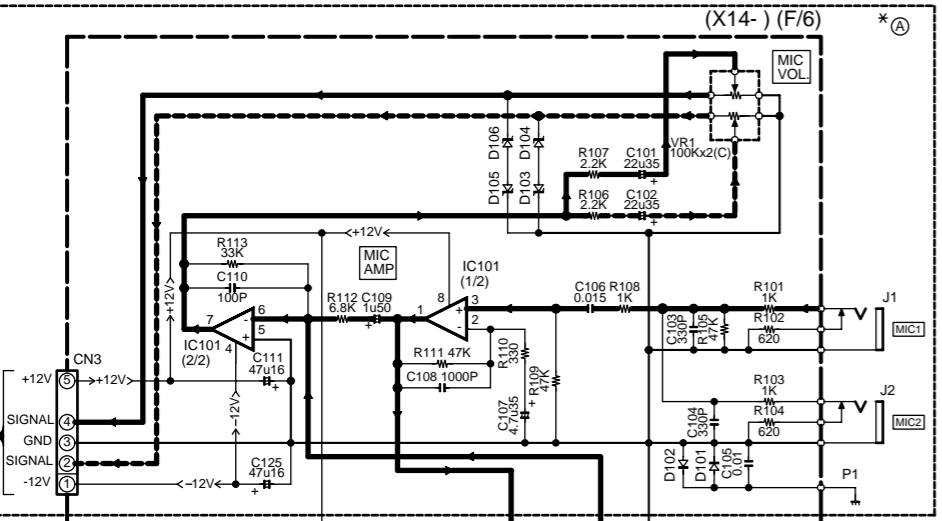
RXD-951 (X09-601X-XX)																					
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4	WH5	WH6, 19	WH16	E12	CN3,4	CN8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51
GENERAL MARKET	M1		0-23	YES	14P L=580MM	NO	YES	NO	YES	NO	YES	RBV-602LFA	NO	250V T 4AL	250V T 4AL	NO	100u100	4700u35	4700u75	YES	NO
MALAYSIA	I1																				
PX	Y1																				
GENERAL MARKET	M5		0-71	NO																	
AUSTRALIA	X1		2-71																		
EUROPE	E1		2-71																		

RXD-951E (X09-601X-XX)																				
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4, 6, 19	WH5	WH16	E12	CN3, 4, 8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51	
EUROPE	E2		2-71	NO	14P L=580MM	YES	NO	NO	NO	NO	RBV-602LFA	NO	250V T 4AL	NO	NO	100u100	4700u35	4700u75	YES	NO

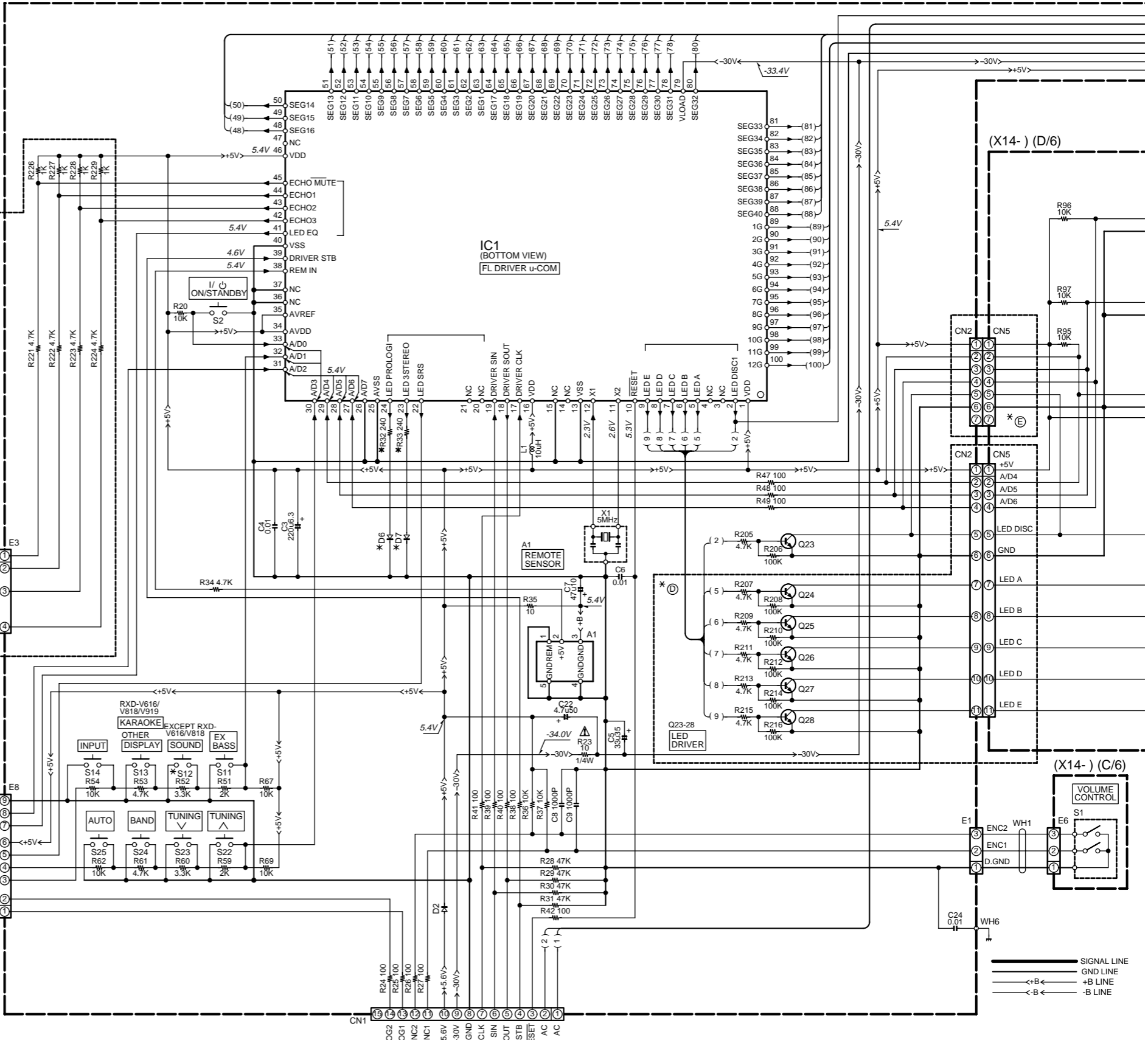
RXD-951W (X09-601X-XX)																				
DESTINATION	COUNTRY	ABB.	UNIT No.	WH1-4, 6, 19	WH5	WH16	E12	CN3, 4, 8	S1	D23	D41-44	F1	F2	R599	C81	C88, 89	C90, 91	W13, 39	W50, 51	
RUSSIA	Q1		3-81	NO	14P L=580MM	YES	NO	NO	NO	NO	RBV-602LFA	NO	250V T 4AL	NO	NO	100u100	4700u35	4700u75	YES	NO

RXD-A700/A900 (8/9)
 RXD-951/9541E/951W (8/9)
 RXD-V616/V818/V919 (8/9)

RXD-951/A700/A900/V616/V818/V919



DISPLAY UNIT (X14-48XX-XX) (A/6)



RXD-V616 (X14-48XX-XX)

DESTINATION	COUNTRY	ABB	UNIT No.	A	B	C	D	E	R32,33 254-258	D6,7 33-37	D20,21, 31,32	D30	S12	W2,34
GENERAL MARKET	M4		10-22	YES	NO	NO	NO	NO			B30-2508-05 (AMB)	B30-2535-05 (ORG)	NO	YES
MALAYSIA	I4		52-12											
SHANGHAI	V4		52-12											

RXD-V919 (X14-48XX-XX)

DESTINATION	COUNTRY	ABB	UNIT No.	A	B	C	D	E	R32,33 254-258	D6,7	D20,21, 31,32	D30	S12	W2,34	
GENERAL MARKET	M2		10-24	YES	NO	YES					B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	NO	YES
MALAYSIA	I2		52-10												
SHANGHAI	V2		52-10												

RXD-V818 (X14-48XX-XX)

DESTINATION	COUNTRY	ABB	UNIT No.	A	B	C	D	E	R32,33 254-258	D6,7	D20,21, 31-37	D30	S12	W2,34
GENERAL MARKET	M3		10-23	YES	NO	NO	YES	NO			B30-2508-05 (AMB)	B30-2535-05 (ORG)	NO	NO
MALAYSIA	I3		52-11											
SHANGHAI	V3		52-11											

RXD-A700 (X14-4810-10)

DESTINATION	COUNTRY	ABB	UNIT No.	A	B	C	D	E	R32,33 254-258	D6,7	D20,21, 31,32	D30	D33-37	S12	W2,34
GENERAL MARKET	M2		0-10	NO	YES	YES					B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	NO	YES
U.S.A.	K2														
CANADA	P2														
AUSTRALIA	X2														



— SIGNAL LINE
— GND LINE
←+B← +B LINE
←-B← -B LINE

RXD-A700E (X14-4810-10)													
DESTINATION COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	R32.33 254-258	D6,7	D20.21, 31,32	D30	D33-37	S12 W2,34	
EUROPE	E3	0-10	NO	YES	YES	NO	NO	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	NO	YES	YES

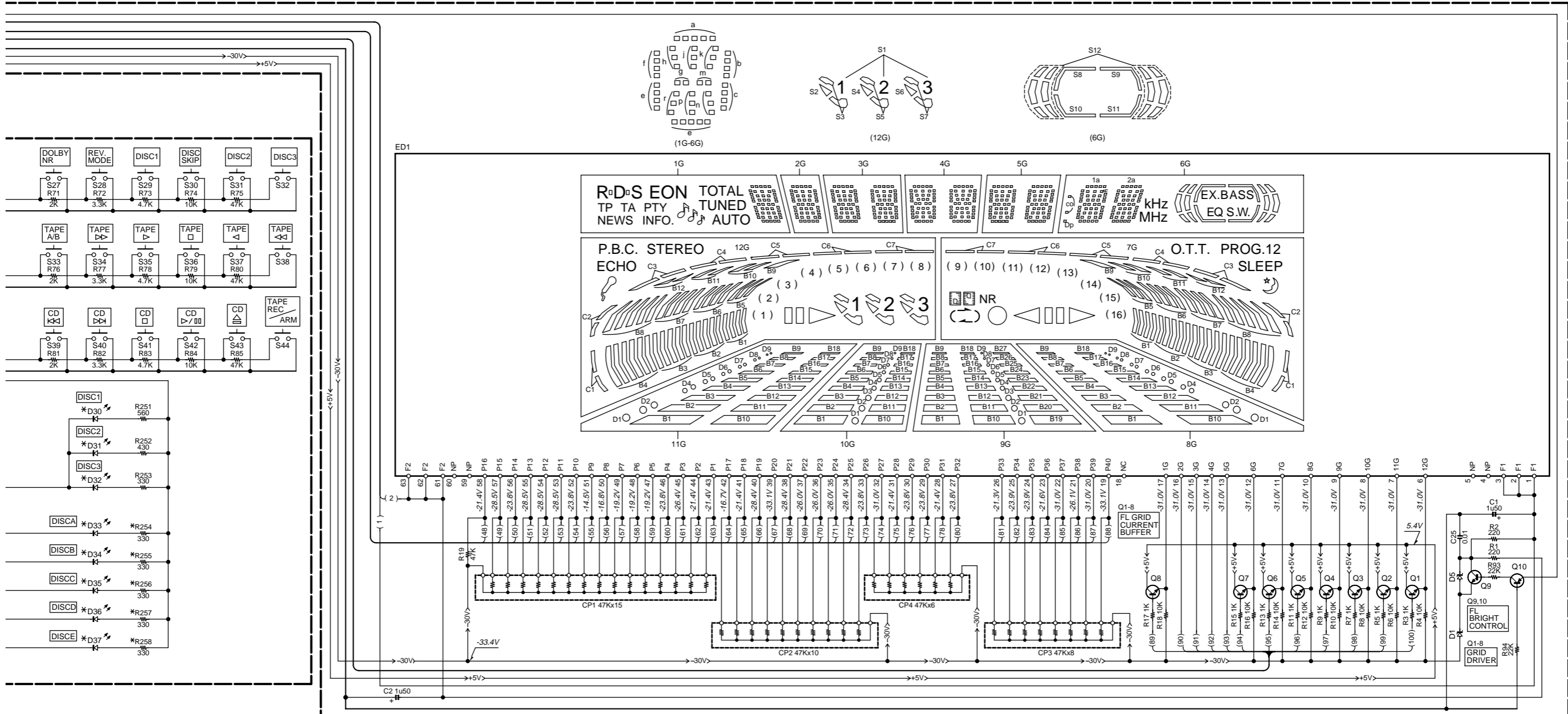
RXD-A700W (X14-4810-10)													
DESTINATION COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	R32.33 254-258	D6,7	D20.21, 31,32	D30	D33-37	S12 W2,34	
RUSSIA	Q2	0-10	NO	YES	YES	NO	NO	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	NO	YES	YES

RXD-A900 (X14-4812-71)												
DESTINATION COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	R32.33 254-258	D6,7	D20.21, 31-37	D30	S12 W2,34	
U.S.A.	K1	2-71	NO	YES	YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	YES	NO	
CANADA	P1	2-71	NO	YES	YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	YES	NO	

RXD-951E (X14-4812-71)												
DESTINATION COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	R32.33 254-258	D6,7	D20.21, 31-37	D30	S12 W2,34	
EUROPE	E2	2-71	NO	YES	YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	YES	NO	

RXD-951W (X14-4812-71)												
DESTINATION COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	R32.33 254-258	D6,7	D20.21, 31-37	D30	S12 W2,34	
RUSSIA	Q1	2-71	NO	YES	YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	YES	NO	

RXD-951 (X14-481X-XX)												
DESTINATION COUNTRY	ABB.	UNIT No.	(A)	(B)	(C)	(D)	R32.33 254-258	D6,7	D20.21, 31-37	D30	S12 W2,34	
GENERAL MARKET	M1	0-21	YES	NO	YES	YES	B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	YES	NO	
GENERAL MARKET	M5	0-21	YES	NO	YES	YES	B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	YES	NO	
MALAYSIA	I1	0-21	YES	NO	YES	YES	B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	YES	NO	
PX	Y1	0-21	YES	NO	YES	YES	B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	YES	NO	
AUSTRALIA	X1	0-21	YES	NO	YES	YES	B30-2430-05 (RED)	B30-2508-05 (AMB)	B30-2535-05 (ORG)	YES	NO	
EUROPE	E1	2-71	NO	YES	YES	YES	B30-2430-05 (RED)	B30-2468-05 (GRN)	B30-2534-05 (GRN)	YES	NO	



IC1	: uPD780204-038	D1,5	: HZS6.8N(B) or MTZJ6.8
IC101	: NJM4565D-D	D2	: S5688B
IC102	: BU9253AS	D3,4,101,102	: HSS104A or 1SS133
Q1-8,12,23-28	: KTC3199(Y,GR) or 2SC1740S(Q,R)	D6,7,20,21,30-37	: *
Q9	: 2SC2003(L,K)	D103-106	: HZS5.6N(B) or MTZJ5.6
Q10,11,101-103	: KTA1267(Y,GR) or 2SA933AS(Q,R)	D107	: HZS4.7N(B) or MTZJ4.7
ED1	: BJ594GK	D108,109	: HZS2.0N(B2) or MTZJ2.0(B)

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	12G
P1	a	a	1a	1a	1a	1a	B1	B1	B1	B1	B1	B1
P2	h	h	1h	1h	1h	1h	B2	B2	B2	B2	B2	B2
P3	i	i	1i	1i	1i	1i	B3	B3	B3	B3	B3	B3
P4	k	k	1k	1k	1k	1k	B4	B4	B4	B4	B4	B4
P5	b	b	1b	1b	1b	1b	B5	B5	B5	B5	B5	B5
P6	f	f	1f	1f	1f	1f	B6	B6	B6	B6	B6	B6
P7	m	m	1m	1m	1m	1m	B7	B7	B7	B7	B7	B7
P8	g	g	1g	1g	1g	1g	B8	B8	B8	B8	B8	B8
P9	c	c	1c	1c	1c	1c	B9	B9	B9	B9	B9	B9
P10	e	e	1e	1e	1e	1e	B10	B10	B10	B10	B10	B10
P11	r	r	1r	1r	1r	1r	B11	B11	B11	B11	B11	B11
P12	p	p	1p	1p	1p	1p	B12	B12	B12	B12	B12	B12
P13	n	n	1n	1n	1n	1n	C1	B13	B13	B13	C1	
P14	d	d	1d	1d	1d	1d	C2	B14	B14	B14	C2	
P15	R-D-S	-	-	-	-	col	C3	B15	B15	B15	C3	
P16	EON	-	-	-	-	Dp	C4	B16	B16	B16	C4	
P17	TP	-	2a	2a	2a	2a	C5	B17	B17	B17	C5	
P18	TA	-	2h	2h	2h	2h	C6	B18	B18	B18	C6	
P19	PTY	-	2j	2j	2j	2j	C7	B19	-	-	C7	
P20	NEWS	-	2k	2k	2k	2k	(9)	B20	-	-	(1)	
P21	INFO.	-	2b	2b	2b	2b	(10)	B21	-	-	(2)	
P22	TOTAL	-	2f	2f	2f	2f	(11)	B22	-	-	(3)	
P23	TUNED	-	2m	2m	2m	2m	(12)	B23	-	-	(4)	

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G	12G
P24	AUTO	-	2g	2g	2g	2g	(13)	-	B24	-	-	(5)
P25	(UPPER)	-	2c	2c	2c	2c	(14)	-	B25	-	-	(6)
P26	(MIDDLE)	-	2e	2e	2e	2e	(15)	-	B26	-	-	(7)
P27	(LOWER)	-	2r	2r	2r	2r	(16)	-	B27	-	-	(8)
P28	-	-	2p	2p	2p	2p	O.T.T.	D1	D1	D1	D1	S1
P29	-	-	2n	2n	2n	2n	PROG.	D2	D2	D2	D2	S2
P30	-	-	2d	2d	2d	2d	1	-	D3	D3	-	S3
P31	-	-	-	-	-	-	MHz	2	D4	D4	D4	S4
P32	-	-	-	-	-	-	kHz	SLEEP	D5	D5	D5	S5
P33	-	-	-	-	-	-	S8	NR	D6	D6	D6	S6
P34	-	-	-	-	-	-	S9	0	D7	D7	D7	S7
P35	-	-	-	-	-	-	S10	1	D8	D8	D8	S8
P36	-	-	-	-	-	-	S11	2	D9	D9	D9	S9
P37	-	-	-	-	-	-	S12	3	-	-	-	P.B.C.
P38	-	-	-	-	-	-	EX.BASS	EQ	-	-	-	STEREO
P39	-	-	-	-	-	-	EQ)	-	-	-	ECHO
P40	-	-	-	-	-	-	SW	(-	-	-	(MIC)

RXD-A700/A900 (9/9)
 RXD-951/951E/951W (9/9)
 RXD-V616/V818/V919 (9/9)

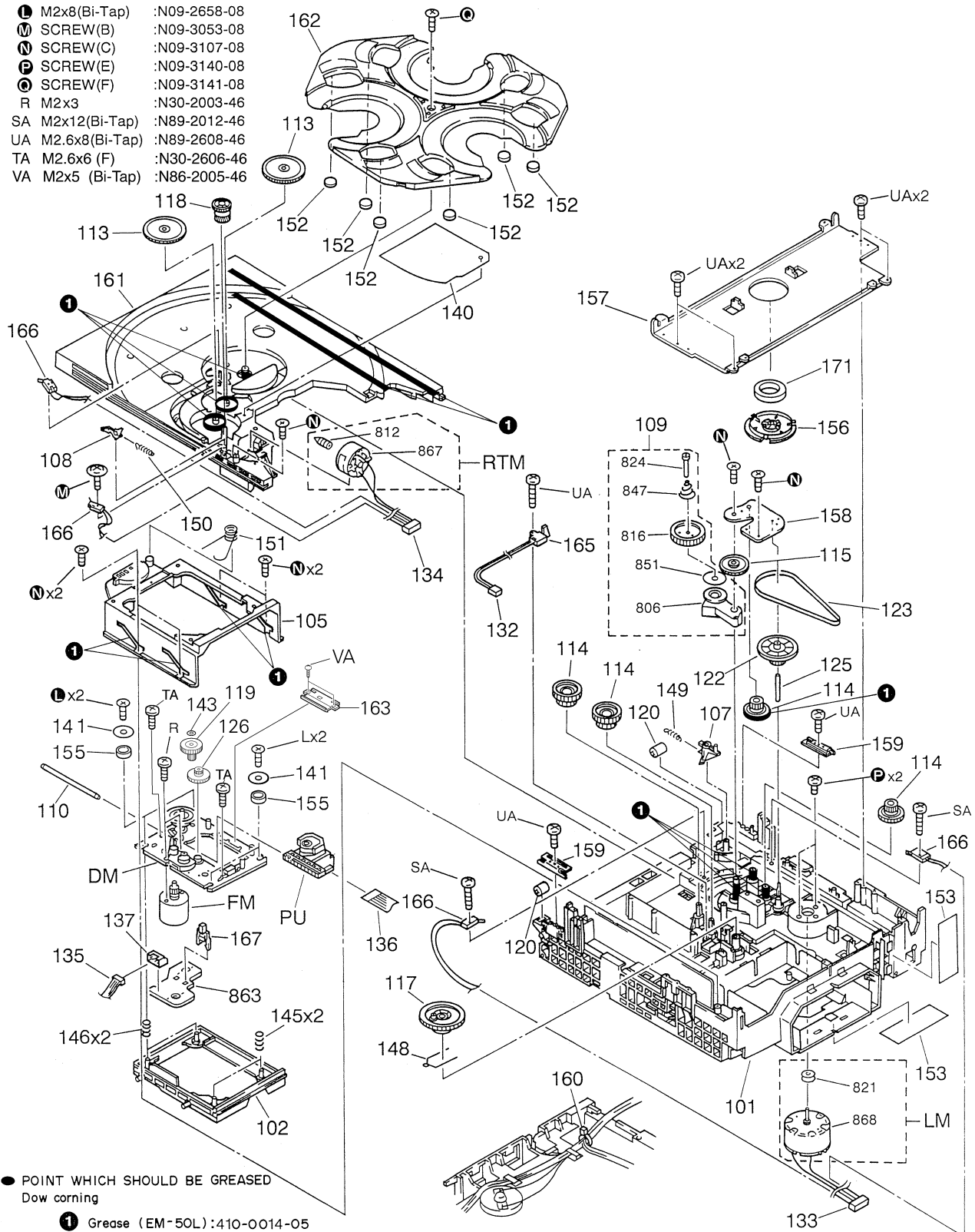
The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in () is the voltage measured at the moment of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

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.

RXD-951/A700/A900/V616/V818/V919

EXPLODED VIEW (CD MECHANISM)

- L** M2x8(Bi-Tap) :N09-2658-08
- M** SCREW(B) :N09-3053-08
- N** SCREW(C) :N09-3107-08
- P** SCREW(E) :N09-3140-08
- Q** SCREW(F) :N09-3141-08
- R** M2x3 :N30-2003-46
- SA** M2x12(Bi-Tap) :N89-2012-46
- UA** M2.6x8(Bi-Tap) :N89-2608-46
- TA** M2.6x6 (F) :N30-2606-46
- VA** M2x5 (Bi-Tap) :N86-2005-46

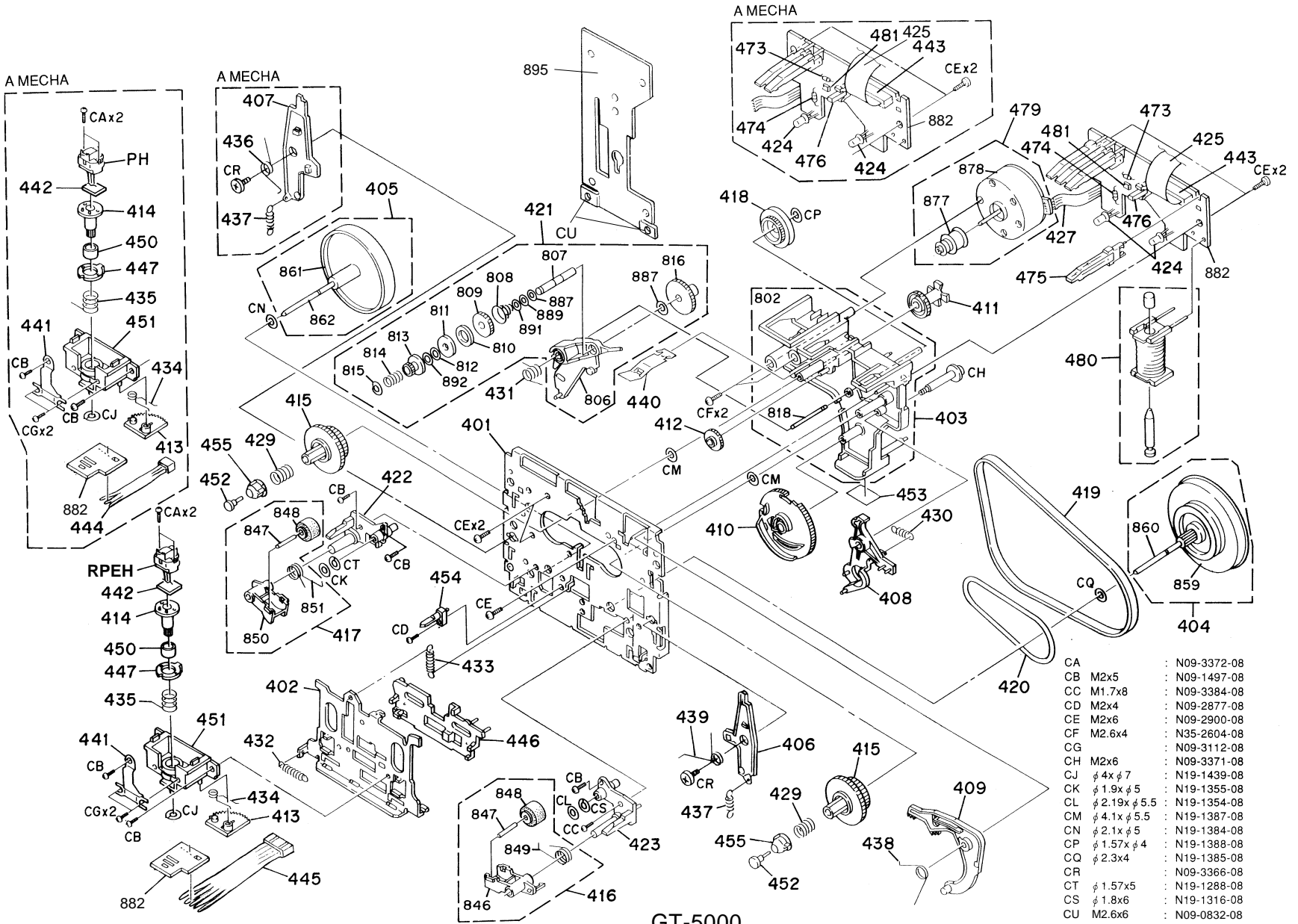


● POINT WHICH SHOULD BE GREASED
Dow corning
① Grease (EM-50L):410-0014-05

CDM-27

Parts with exploded numbers larger than 700 are not supplied.

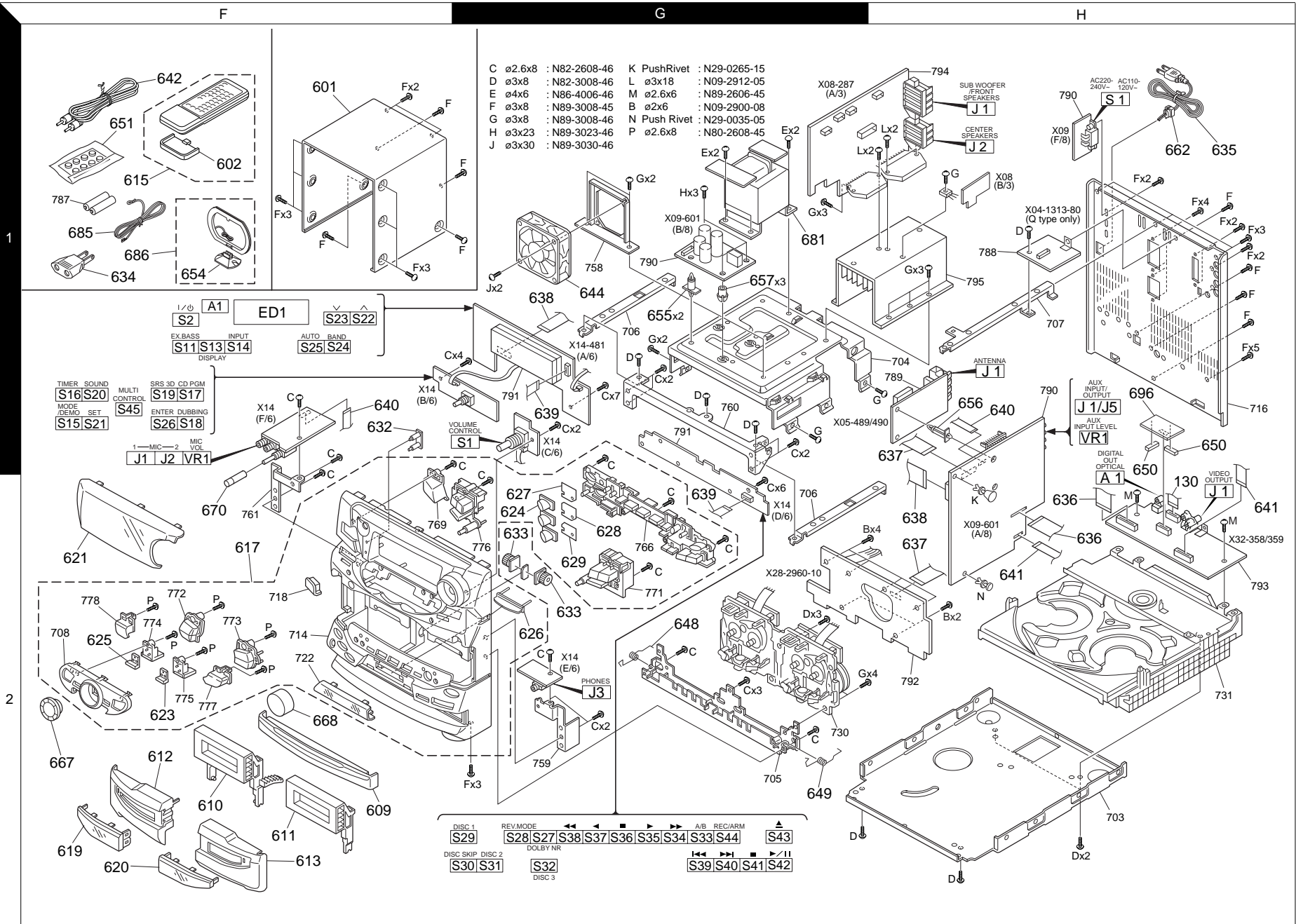
EXPLODED VIEW (CASSETTE MECHANISM)



CA	:	N09-3372-08
CB	M2x5	: N09-1497-08
CC	M1.7x8	: N09-3384-08
CD	M2x4	: N09-2877-08
CE	M2x6	: N09-2900-08
CF	M2.6x4	: N35-2604-08
CG		: N09-3112-08
CH	M2x6	: N09-3371-08
CJ	φ 4x φ 7	: N19-1439-08
CK	φ 1.9x φ 5	: N19-1355-08
CL	φ 2.19x φ 5.5	: N19-1354-08
CM	φ 4.1x φ 5.5	: N19-1387-08
CN	φ 2.1x φ 5	: N19-1384-08
CP	φ 1.57x φ 4	: N19-1388-08
CQ	φ 2.3x4	: N19-1385-08
CR		: N09-3366-08
CT	φ 1.57x5	: N19-1288-08
CS	φ 1.8x6	: N19-1316-08
CU	M2.6x6	: N09-0832-08

GT-5000

Parts with exploded numbers larger than 700 are not supplied.



EXPLODED VIEW (UNIT)

RXD-951/A700/A900/V616/V818/V919

* 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-951/951E/951W/A900						
601	1F	*	A01-3549-31	METALLIC CABINET		
602	1F	*	A09-1117-08	BATTERY COVER		
609	2F	*	A29-1019-02	PANEL CD		
610	2F	*	A53-2034-12	CASSETTE HOLDER(L)		
611	2F	*	A53-2035-12	CASSETTE HOLDER(R)		
612	2F	*	A53-2067-02	CASSETTE LID (L)		
613	2F	*	A53-2069-12	CASSETTE LID (R)		
615	1F	*	A70-1220-05	REMOTE CONTROL ASSY(RC-951)	K1P1Y1	
615	1F	*	A70-1220-05	REMOTE CONTROL ASSY(RC-951)	M111X1	
615	1F	*	A70-1220-05	REMOTE CONTROL ASSY(RC-951)	M5	
615	1F	*	A70-1221-05	REMOTE CONTROL ASSY(RC-951R)	E1E2Q1	
617	2F	*	A60-1468-01	PANEL ASSY	K1P1	
617	2F	*	A60-1470-01	PANEL ASSY	X1M5	
617	2F	*	A60-1470-01	PANEL ASSY	Y1M111	
617	2F	*	A60-1472-01	PANEL ASSY	E1E2Q1	
619	2F	*	B10-2446-13	FRONT GLASS (L)		
620	2F	*	B10-2447-13	FRONT GLASS (R)		
621	2F	*	B10-2498-02	FRONT GLASS	K1P1	
621	2F	*	B10-2499-02	FRONT GLASS	E1E2Q1	
621	2F	*	B10-2500-02	FRONT GLASS	X1M5	
621	2F	*	B10-2500-02	FRONT GLASS	Y1M111	
623	2F	*	B19-1586-04	LIGHTING BOARD		
624	2G	*	B19-1587-03	LIGHTING BOARD		
625	2F	*	B19-1589-04	LIGHTING BOARD		
626	2G	*	B19-1588-04	LIGHTING BOARD		
627	2G	*	B11-0374-04	SMOKED FILTER		
628	2G	*	B11-0378-04	SMOKED FILTER		
629	2G	*	B11-0379-04	SMOKED FILTER		
632	1F	*	B12-0347-04	INDICATOR		
-			B46-0096-53	WARRANTY CARD	X1	
-			B46-0310-03	WARRANTY CARD	E1E2Q1	
-			B46-0328-03	WARRANTY CARD	K1Y1	
-			B46-0336-03	WARRANTY CARD	P1	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y1	
-			B58-0964-13	CAUTION CARD (UL)	K1Y1	
-		*	B58-0965-13	CAUTION CARD (T,XtypePL)	X1	
-		*	B58-0966-13	CAUTION CARD (ELMtypePL)	E2M5	
-		*	B58-0966-13	CAUTION CARD (ELMtypePL)	M111E1	
-		*	B58-0967-03	CAUTION CARD (PtypePL)	P1	
-		*	B58-1526-03	CAUTION CARD (P4,ORI,A4,1(Q))	Q1	
-		*	B58-1569-04	CAUTION CARD	Y1	
-		*	B59-1104-00	SERVICE DIRECTORY	Y1	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	E2Q1M5	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	K1P1Y1	
-		*	B60-3907-00	INSTRUCTION MANUAL(ENGLISH)	M111X1	
-		*	B60-3908-00	INSTRUCTION MANUAL(FRENCH)	P1	
-		*	B60-3909-00	INSTRUCTION MANUAL(SPANISH)	M1E1M5	
-		*	B60-3910-00	INSTRUCTION MANUAL(GERMAN)	E1	
-		*	B60-3911-00	INSTRUCTION MANUAL(ITALIAN)	E1	
-		*	B60-3912-00	INSTRUCTION MANUAL(DUTCH)	E1	
-		*	B60-3913-00	INSTRUCTION MANUAL(TAIWANESE)	M111M5	
-		*	B60-3914-00	INSTRUCTION MANUAL(PH)	E2	
-		*	B60-3915-00	INSTRUCTION MANUAL(HG)	E2	

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-		*	B60-3916-00	INSTRUCTION MANUAL(CZ)	E2	
-		*	B60-3917-00	INSTRUCTION MANUAL(R)	Q1	
-		*	B60-4054-00	INSTRUCTION MANUAL(FRENCH)	E1	
633	2F	*	D39-0334-15	DAMPER		
Δ 634	1F	*	E03-0115-05	AC PLUG ADAPTER	M111M5	
Δ 635	1H	*	E30-2592-15	AC POWER CORD	E2Q1M5	
Δ 635	1H	*	E30-2592-15	AC POWER CORD	M111E1	
Δ 635	1H	*	E30-2605-05	AC POWER CORD	Y1	
Δ 635	1H	*	E30-2650-05	AC POWER CORD	K1P1	
Δ 635	1H	*	E30-2717-05	AC POWER CORD	X1	
636	2H	*	E35-2136-05	FLAT CABLE (25P)		
637	1H, 2H	*	E35-2137-05	FLAT CABLE (17P)		
638	1G, 2H	*	E35-2138-15	FLAT CABLE (15P)		
639	1G, 2G	*	E35-2139-05	FLAT CABLE (11P)		
640	1F, 1H	*	E35-2194-05	FLAT CABLE (5P)	X1M5	
640	1F, 1H	*	E35-2194-05	FLAT CABLE (5P)	Y1M111	
644	1G, 2G	*	F09-0137-05	FAN		
648	2G	*	G01-4042-24	TORSION COIL SPRING(L)		
649	2G	*	G01-4043-24	TORSION COIL SPRING(R)		
651	1F	*	G11-2345-04	CUSHION (ACCESSORY)		
-		*	G10-0452-04	NON-WOVEN FABRIC		
-		*	G11-0155-14	SOFT TAPE (40X9X2)		
-		*	H13-0086-04	CARTON BOARD		
-		*	H10-7435-12	POLYSTYRENE FOAMED FIXTURE(L)		
-		*	H10-7436-12	POLYSTYRENE FOAMED FIXTURE(R)		
-		*	H25-0632-24	PROTECTION BAG		
-		*	H25-1536-04	PROTECTION BAG	E2Q1	
-		*	H25-1536-04	PROTECTION BAG	I1X1E1	
-		*	H25-1536-04	PROTECTION BAG	K1P1Y1	
-		*	H25-1611-04	PROTECTION BAG	M1M5	
-		*	H50-3012-04	ITEM CARTON CASE	K1P1	
-		*	H50-3013-04	ITEM CARTON CASE	Y1X1	
-		*	H50-3014-04	ITEM CARTON CASE	E1	
-		*	H50-3015-04	ITEM CARTON CASE	M111M5	
-		*	H50-3016-04	ITEM CARTON CASE	Q1	
-		*	H50-3072-04	ITEM CARTON CASE	E2	
654	1F	*	J19-3645-05	ANTENNA STAND		
655	1G	*	J19-3327-05	UNIT HOLDER		
656	1H	*	J19-3329-05	UNIT HOLDER		
657	1G	*	J19-3752-14	UNIT HOLDER		
Δ 662	1H	*	J42-0083-05	POWER CORD BUSHING		
-		*	J19-2808-05	HOLDER	M1M5	
-		*	J52-0039-05	PUSH LATCH		
-		*	J61-0307-05	WIRE BAND		
667	2F	*	K29-6925-04	KNOB(MULTI CONTROL)		
668	2F	*	K29-7343-04	KNOB(VOLUME CONTROL)		
670	2F	*	K29-7344-04	KNOB(MIC VOLUME)	X1M5	
670	2F	*	K29-7344-04	KNOB(MIC VOLUME)	Y1M111	
681	1G	*	L07-2536-05	POWER TRANSFORMER	K1P1	
681	1G	*	L07-2537-05	POWER TRANSFORMER	E1E2Q1	
681	1G	*	L07-2538-05	POWER TRANSFORMER	M5	
681	1G	*	L07-2538-05	POWER TRANSFORMER	Y1M111	

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PARTS LIST

RXD-951/A700/A900/M616/M818/M919

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641	2H		E35-2173-05	FLAT CABLE	M2M3M4	
642	1F		E30-1427-05	AUDIO CORD	I2I3I4	
642	1F		E30-1427-05	AUDIO CORD	M2M3M4	
642	1F		E30-1427-05	AUDIO CORD	V2V3V4	
644	1G, 2G		F09-0137-05	FAN		
648	2G		G01-4042-24	TORSION COIL SPRING		
649	2G		G01-4043-24	TORSION COIL SPRING		
650	1H	*	G11-2411-04	CUSHION	I2I3I4	
650	1H	*	G11-2411-04	CUSHION	M2M3M4	
650	1H	*	G11-2411-04	CUSHION	V2V3V4	
651	1F		G11-2345-04	CUSHION		
-	-		G10-0452-04	NON-WOVEN FABRIC		
-	-		G11-0155-14	SOFT TAPE (40X9X2)		
-	-		H10-7435-12	POLYSTYRENE FOAMED FIXTURE(L)		
-	-		H10-7436-12	POLYSTYRENE FOAMED FIXTURE(R)		
-	-		H13-0086-04	CARTON BOARD		
-	-		H13-0086-04	CARTON BOARD		
-	-		H25-0632-24	PROTECTION BAG		
-	-		H25-0632-24	PROTECTION BAG		
-	-		H25-1536-04	PROTECTION BAG	I2I3I4	
-	-		H25-1536-04	PROTECTION BAG	K2P2X2	
-	-		H25-1536-04	PROTECTION BAG	Q2E3	
-	-		H25-1611-04	PROTECTION BAG	M2M3M4	
-	-		H25-1611-04	PROTECTION BAG		
-	-	*	H50-3008-04	ITEM CARTON CASE	V2V3V4	
-	-	*	H50-3009-04	ITEM CARTON CASE	M2I2	
-	-	*	H50-3010-04	ITEM CARTON CASE	M3I3	
-	-	*	H50-3011-04	ITEM CARTON CASE	M4I4	
-	-	*	H50-3011-04	ITEM CARTON CASE	K2P2X2	
-	-	*	H50-3024-14	ITEM CARTON CASE	V2	
-	-	*	H50-3025-14	ITEM CARTON CASE	V3	
-	-	*	H50-3026-14	ITEM CARTON CASE	V4	
-	-	*	H50-3170-04	ITEM CARTON CASE	E3	
-	-	*	H50-3171-04	ITEM CARTON CASE	Q2	
654	1F		J19-3645-05	ANTENNA STAND		
655	1G		J19-3327-05	UNIT HOLDER		
656	1H		J19-3329-05	UNIT HOLDER		
657	1G		J19-3752-14	UNIT HOLDER		
662	1H		J42-0083-05	POWER CORD BUSHING		
-	-		J52-0039-05	PUSH LATCH		
-	-		J61-0307-05	WIRE BAND		
667	2F		K29-6925-04	KNOB(MULTI CONTROL)		
668	2F		K29-6923-14	KNOB(MAIN VOLUME CONTROL)	K2P2X2	
668	2F		K29-6923-14	KNOB(MAIN VOLUME CONTROL)	Q2E3	
668	2F	*	K29-7343-04	KNOB(MAIN VOLUME CONTROL)	I2I3I4	
668	2F	*	K29-7343-04	KNOB(MAIN VOLUME CONTROL)	M2M3M4	
668	2F	*	K29-7343-04	KNOB(MAIN VOLUME CONTROL)	V2V3V4	
670	2F	*	K29-7344-04	KNOB(MIC VOLUME)	I2I3I4	
670	2F	*	K29-7344-04	KNOB(MIC VOLUME)	M2M3M4	
670	2F	*	K29-7344-04	KNOB(MIC VOLUME)	V2V3V4	
681	1G	*	L07-2534-05	POWER TRANSFORMER	M2I2	
681	1G	*	L07-2534-05	POWER TRANSFORMER	M3I3	
681	1G	*	L07-2535-05	POWER TRANSFORMER	M4I4	
681	1G	*	L07-2540-05	POWER TRANSFORMER	K2P2	

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681	1G	*	L07-2570-05	POWER TRANSFORMER	X2	
681	1G	*	L07-2571-05	POWER TRANSFORMER	V4	
681	1G	*	L07-2572-05	POWER TRANSFORMER	V2V3	
681	1G	*	L07-2642-05	POWER TRANSFORMER	E3	
681	1G	*	L07-2643-05	POWER TRANSFORMER	Q2	
685	1F		T90-0801-05	LEAD WIRE ANTENNA		
686	1F		T90-0833-05	LOOP ANTENNA		
696	1F	*	W02-2634-05	ELECTRIC CIRCUIT MODULE	I2I3I4	
696	1F	*	W02-2634-05	ELECTRIC CIRCUIT MODULE	M2M3M4	
696	1F	*	W02-2634-05	ELECTRIC CIRCUIT MODULE	V2V3V4	
MPX UNIT (X04-1313-80) Q only						
C1			CE04LW1H010M	ELECTRO	1.0UF	50WV
C2, 3			C91-1566-05	PF-C	0.01UF	G
C4			CE04LW1A470M	ELECTRO	47UF	10WV
C5, 6			CQ93FMG1H102J	MYLAR	1000PF	J
C7			CC45FSL1H331J	CERAMIC	330PF	J
C8			CK45FB1H102K	CERAMIC	1000PF	K
C9			CC93FCH1H471J	CERAMIC	470PF	J
C10, 11			CE04LW1HR47M	ELECTRO	0.47UF	50WV
C12			CK45FF1H473Z	CERAMIC	0.047UF	Z
C13~15			CE04LW1H010M	ELECTRO	1.0UF	50WV
C16			CK45FF1H103Z	CERAMIC	0.010UF	Z
C17, 18			CE04LW1H2R2M	ELECTRO	2.2UF	50WV
C19, 20			CQ93FMG1H682J	MYLAR	6800PF	J
C21			CK45FF1H103Z	CERAMIC	0.010UF	Z
C22			CE04LW1A470M	ELECTRO	47UF	10WV
C23, 24			CQ93FMG1H472J	MYLAR	4700PF	J
C25			CC45FSL1H121J	CERAMIC	120PF	J
C26			CE04LW1H2R2M	ELECTRO	2.2UF	50WV
TC1			C05-0463-05	CERAMIC TRIMMER	CAPACITOR(120P)	
CN1			E40-8288-05	FLAT CABLE CONNECTOR		
CN2, 3			E40-4871-05	PIN ASSY		
CN6			E40-4872-05	PIN ASSY		
L1			L39-1350-05	PEAKING COIL		
L2, 3			L79-1236-05	LC FILTER		
L4			L40-1021-14	SMALL FIXED INDUCTOR(1.0MH,K)		
△ R9			RS14KB3A221J	FL-PROOF RS	220	J 1W
VR1			R12-3685-05	TRIMMING POT.	(10K)	
VR2			R12-1619-05	TRIMMING POT.	(4.7K)	
D1			HZS5.1N(B2)	ZENER DIODE		
D1			MTZJ5.1(B)	ZENER DIODE		
D2, 3			HSS104	DIODE		
D2, 3			1SS133	DIODE		
D4			HZS5.1N(B2)	ZENER DIODE		
D4			MTZJ5.1(B)	ZENER DIODE		
D6, 7			HSS104	DIODE		
D6, 7			1SS133	DIODE		
IC1			IR3R42	ANALOGUE IC		
IC2			NJM4565D	ANALOGUE IC		
IC3			TC4052BP	IC(4CH MPX/DE-MPX)		
Q1			2SA1175(F,E)	TRANSISTOR		
Q1			2SA933AS(Q,R)	TRANSISTOR		
Q5			DTC124ESA	DIGITAL TRANSISTOR		

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R43			RD14NB2E221J	RD 220 J 1/4W		
R44			RK73FB2A101J	CHIP R 100 J 1/10W		
R46			RK73FB2A104J	CHIP R 100K J 1/10W		
R48			RK73FB2A473J	CHIP R 47K J 1/10W		
R50			RK73FB2A471J	CHIP R 470 J 1/10W	I2I3I4	
R50			RK73FB2A471J	CHIP R 470 J 1/10W	M2M3M4	
R50			RK73FB2A471J	CHIP R 470 J 1/10W	M5	
R50			RK73FB2A471J	CHIP R 470 J 1/10W	V2V3V4	
R73, 74			RK73FB2A332J	CHIP R 3.3K J 1/10W	Y1M111	
VR1			R32-0038-05	SEMI FIXED VARIABLE RESISTOR		
W101~106			R92-0670-05	CHIP R 0 OHM	KP1Y1	
W108, 109			R92-0670-05	CHIP R 0 OHM	KP1Y1	
W111~114			R92-0670-05	CHIP R 0 OHM		
W115, 116			R92-0670-05	CHIP R 0 OHM	I2I3I4	
W115, 116			R92-0670-05	CHIP R 0 OHM	M2M3M4	
W115, 116			R92-0670-05	CHIP R 0 OHM	Y1M111	
W117, 118			R92-0670-05	CHIP R 0 OHM	K1P1X1	
W121			R92-0670-05	CHIP R 0 OHM	K2P2X2	
W202~208			R92-0679-05	CHIP R 0 OHM		
W210, 211			R92-0679-05	CHIP R 0 OHM		
D1, 2			HSS104	DIODE		
D1, 2			1SS133	DIODE		
D3, 4			HZS5.1N(B2)	ZENER DIODE		
D3, 4			MTZJ5.1(B)	ZENER DIODE		
D8			HSS104	DIODE		
D8			1SS133	DIODE		
DA10			MA111	DIODE		
IC1			LA1832	ANALOGUE IC		
IC2			LC72131	MOS-IC		
Q1			2SC2714(R,O)	TRANSISTOR		
Q3			2SA1576A(R,S)	TRANSISTOR		
Q3			2SB1218A(Q,R)	TRANSISTOR		
Q5			2SC4081(R,S)	TRANSISTOR		
Q5			2SD1819A(Q,R)	TRANSISTOR		
Q9, 10			2SC4081(R,S)	TRANSISTOR	I2I3I4	
Q9, 10			2SC4081(R,S)	TRANSISTOR	M2M3M4	
Q9, 10			2SC4081(R,S)	TRANSISTOR	M5	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR	Y1M111	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR	I2I3I4	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR	M2M3M4	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR	M5	
Q9, 10			2SD1819A(Q,R)	TRANSISTOR	Y1M111	
A1			W02-2638-05	FM FRONT-END ASSY		
TUNER UNIT (X05-490X-XX)						
C1			CE04LW1C470M	ELECTRO 47UF 16WV		
C2			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C3~8			CK73FB1H103K	CHIP C 0.010UF K		
C9			C91-0769-05	CERAMIC 0.010UF K		
C30			CK73EB1E473K	CHIP C 0.047UF K		
C31			CE04LW1C470M	ELECTRO 47UF 16WV		
C32			CK73FB1H103K	CHIP C 0.010UF K		

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C33			CE04LW1C100M	ELECTRO 10UF 16WV		
C34			CK73EB1E104K	CHIP C 0.10UF K		
C35			CE04LW1C100M	ELECTRO 10UF 16WV		
C36			CK73FB1E473K	CHIP C 0.047UF K		
C37			CK73EF1E105Z	CHIP C 1.0UF Z		
C38			C90-3217-05	ELECTRO 10UF 10WV		
C39			CC73FSL1H101J	CHIP C 100PF J	Q1Q2	
C40			C90-3253-05	ELECTRO 1.0UF 50WV		
C41			C90-3251-05	ELECTRO 0.47UF 50WV		
C42			C90-3240-05	ELECTRO 2.2UF 35WV		
C43			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C44			CK73FB1E473K	CHIP C 0.047UF K		
C45			CC73FCH1H220J	CHIP C 22PF J		
C46			CE04LW1A101M	ELECTRO 100UF 10WV		
C47			CK73FB1H682K	CHIP C 6800PF K		
C48			CC73FSL1H681J	CHIP C 680PF J	Q1Q2	
C48			CC73FSL1H821J	CHIP C 820PF J	E1E2E3	
C49			C90-3253-05	ELECTRO 1.0UF 50WV		
C50			CK73FB1H102K	CHIP C 1000PF K		
C51, 52			C90-3217-05	ELECTRO 10UF 10WV		
C53, 54			CK73FB1H153K	CHIP C 0.015UF K	E1E2E3	
C53, 54			CK73FB1H183K	CHIP C 0.018UF K	Q1Q2	
C55, 56			C90-3231-05	ELECTRO 3.3UF 25WV	Q1Q2	
C55, 56			C90-3240-05	ELECTRO 2.2UF 35WV	E1E2E3	
C59			CC73ESL1H101J	CHIP C 100PF J	Q1Q2	
C60			CK73FB1E104K	CHIP C 0.10UF K		
C61			CK73FB1H103K	CHIP C 0.010UF K		
C62			CK73FB1H333K	CHIP C 0.033UF K	Q1Q2	
C63			CC73FCH1H090D	CHIP C 9.0PF D	Q1Q2	
C64			CK73FB1H333K	CHIP C 0.033UF K		
C66			CC73FCH1H060D	CHIP C 6.0PF D		
C67			CC73FCH1H220J	CHIP C 22PF J		
C68			CC73FSL1H020C	CHIP C 2.0PF C	E1E2E3	
C69			CK73FB1H103K	CHIP C 0.010UF K		
C70			CC73FSL1H101J	CHIP C 100PF J		
C77, 78			CK73FB1H332K	CHIP C 3300PF K	E1E2E3	
C79, 80			CC73FSL1H101J	CHIP C 100PF J	Q1Q2	
C80			CC73FSL1H101J	CHIP C 100PF J	E1E2E3	
C81			CC73FCH1H220J	CHIP C 22PF J		
C82			CC73FCH1H270J	CHIP C 27PF J		
C83, 84			CK73FB1H102K	CHIP C 1000PF K		
C85			C91-0745-05	CERAMIC 100PF K		
C86			C91-0757-05	CERAMIC 1000PF K		
C87			CE04LW1A470M	ELECTRO 47UF 10WV		
C88			CC73FSL1H331J	CHIP C 330PF J	Q1Q2	
C89			CE04LW1C470M	ELECTRO 47UF 16WV		
C90			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C91			CQ93FMG1H223J	MYLAR 0.022UF J		
C92			CC73FSL1H471J	CHIP C 470PF J		
C93			CK73FB1H103K	CHIP C 0.010UF K		
C94			CK73FB1H102K	CHIP C 1000PF K		
C95			CC73FCH1H470J	CHIP C 47PF J		
C96			CC73FSL1H101J	CHIP C 100PF J		
CN1			E40-8052-05	SOCKET FOR PIN ASSY		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C73, 74 C77, 78 C79 C79 C80			CC45FSL1H101J CE04LW1C100M CK45FB1H102K CK45FB1H102K CK45FF1H103Z	CERAMIC 100PF J ELECTRO 10UF 16WV CERAMIC 1000PF K CERAMIC 1000PF K CERAMIC 0.010UF Z	Q2E3 I4V3V4 M4M3I3 I4V3V4	
C80 C81 C81 C81 C81 C81			CK45FF1H103Z CE04LW1J101M CE04LW1J101M CE04LW1J101M CE04LW1J101M CE04LW2A101M	CERAMIC 0.010UF Z ELECTRO 100UF 63WV ELECTRO 100UF 63WV ELECTRO 100UF 63WV ELECTRO 100UF 63WV ELECTRO 100UF 100WV	M3M4I3 K2P2X2 M4I4V4 Q2E3 E1E2Q1	
C81 C81 C81 C81 C81			CE04LW2A101M CE04LW2A101M CE04LW2A101M CE04LW2A101M CE04LW2A101M	ELECTRO 100UF 100WV ELECTRO 100UF 100WV ELECTRO 100UF 100WV ELECTRO 100UF 100WV ELECTRO 100UF 100WV	I3V2V3 K1P1Y1 M111X1 M2M3I2 M5	
C82, 83 C88, 89 C88, 89 C88, 89 C88, 89			CE04LW1V470M CE04LW1V222M CE04LW1V222M CE04LW1V222M C90-3790-05	ELECTRO 47UF 35WV ELECTRO 2200UF 35WV ELECTRO 2200UF 35WV ELECTRO 2200UF 35WV ELECTRO 4700UF 35WV	E3Q2 K2P2X2 M4I4V4 E1E2Q1	
C88, 89 C88, 89 C88, 89 C88, 89 C88, 89			C90-3790-05 C90-3790-05 C90-3790-05 C90-3790-05 C90-3790-05	ELECTRO 4700UF 35WV ELECTRO 4700UF 35WV ELECTRO 4700UF 35WV ELECTRO 4700UF 35WV ELECTRO 4700UF 35WV	I3V2V3 K1P1Y1 M111X1 M2M3I2 M5	
C90, 91 C90, 91 C90, 91 C90, 91 C90, 91			C90-3789-05 C90-3789-05 C90-3789-05 C90-3789-05 C90-3789-05	ELECTRO 4700UF 75WV ELECTRO 4700UF 75WV ELECTRO 4700UF 75WV ELECTRO 4700UF 75WV ELECTRO 4700UF 75WV	E1E2Q1 I3V2V3 K1P1Y1 M111X1 M2M3I2	
C90, 91 C90, 91 C90, 91 C90, 91 C94			C90-3789-05 C90-3791-05 C90-3791-05 C90-3791-05 CE04LW1C221M	ELECTRO 4700UF 75WV ELECTRO 4700UF 63WV ELECTRO 4700UF 63WV ELECTRO 4700UF 63WV ELECTRO 220UF 16WV	M5 E3Q2 K2P2X2 M4I4V4 V2V3V4	
C94 C94 C94 C94 C94			C90-3651-05 C90-3651-05 C90-3651-05 C90-3651-05 C90-3651-05	ELECTRO 220UF 16WV ELECTRO 220UF 16WV ELECTRO 220UF 16WV ELECTRO 220UF 16WV ELECTRO 220UF 16WV	E1E2Q1 E3Q2M5 I2I3I4 K1P1Y1 K2P2X2	
C94 C94 C95 C95 C95			C90-3651-05 C90-3651-05 CE04LW1V4R7M C90-3715-05 C90-3715-05	ELECTRO 220UF 16WV ELECTRO 220UF 16WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV	M111X1 M2M3M4 V2V3V4 E1E2Q1 E3Q2M5	
C95 C95 C95 C95 C95			C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05	ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV	I2I3I4 K1P1Y1 K2P2X2 M111X1 M2M3M4	
C96 C96 C96 C96 C96			CE04LW1A470M C90-3714-05 C90-3714-05 C90-3714-05 C90-3714-05	ELECTRO 47UF 10WV ALUMINIUM ELECTROLYTIC C. ALUMINIUM ELECTROLYTIC C. ALUMINIUM ELECTROLYTIC C. ALUMINIUM ELECTROLYTIC C.	V2V3V4 E1E2Q1 E3Q2M5 I2I3I4 K1P1Y1	

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C96 C96 C96 C97 C97			C90-3714-05 C90-3714-05 C90-3714-05 CE04LW1V4R7M C90-3715-05	ALUMINIUM ELECTROLYTIC C. ALUMINIUM ELECTROLYTIC C. ALUMINIUM ELECTROLYTIC C. ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV	K2P2X2 M111X1 M2M3M4 V2V3V4 E1E2Q1	
C97 C97 C97 C97 C97 C97			C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05	ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV	E3Q2M5 I2I3I4 K1P1Y1 K2P2X2 M111X1	
C97 C98 C98 C98 C98			C90-3715-05 CE04LW1C470M C90-3649-05 C90-3649-05 C90-3649-05	ELECTRO 4.7UF 35WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV	M2M3M4 V2V3V4 E1E2Q1 E3Q2M5 I2I3I4	
C98 C98 C98 C98 C99			C90-3649-05 C90-3649-05 C90-3649-05 C90-3649-05 CE04LW1C470M	ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV	K1P1Y1 K2P2X2 M111X1 M2M3M4	
C100 C101 C101 C101 C101			CK45FF1H103Z CE04LW1V4R7M C90-3715-05 C90-3715-05 C90-3715-05	CERAMIC 0.010UF Z ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV	V2V3V4 E1E2Q1 E3Q2M5 I2I3I4	
C101 C101 C101 C101 C102			C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05 CE04LW1A221M	ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 220UF 10WV	K1P1Y1 K2P2X2 M111X1 M2M3M4 V2V3V4	
C102 C102 C102 C102 C102			C90-3644-05 C90-3644-05 C90-3644-05 C90-3644-05 C90-3644-05	ELECTRO 220UF 10WV ELECTRO 220UF 10WV ELECTRO 220UF 10WV ELECTRO 220UF 10WV ELECTRO 220UF 10WV	E1E2Q1 E3Q2M5 I2I3I4 K1P1Y1 K2P2X2	
C102 C102 C103 C104 C106			C90-3644-05 C90-3644-05 CE04LW1C220M CE04LW1H010M CE04LW1V4R7M	ELECTRO 220UF 10WV ELECTRO 220UF 10WV ELECTRO 22UF 16WV ELECTRO 1.0UF 50WV ELECTRO 4.7UF 35WV	M111X1 M2M3M4 V2V3V4	
C106 C106 C106 C106 C106			C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05 C90-3715-05	ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV	E1E2Q1 E3Q2M5 I2I3I4 K1P1Y1 K2P2X2	
C106 C106 C108, 109 C110 C110			C90-3715-05 C90-3715-05 CF92FV1H104J CE04LW1C470M C90-3649-05	ELECTRO 4.7UF 35WV ELECTRO 4.7UF 35WV MF-C 0.10UF J ELECTRO 47UF 16WV ELECTRO 47UF 16WV	M111X1 M2M3M4 V2V3V4 E1E2Q1	
C110 C110 C110 C110 C110			C90-3649-05 C90-3649-05 C90-3649-05 C90-3649-05 C90-3649-05	ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV ELECTRO 47UF 16WV	E3Q2M5 I2I3I4 K1P1Y1 K2P2X2 M111X1	

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PARTS LIST

RXD-951/A700/A900/N616/N818/N919

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
△ R566			RD14NB2E221J	RD 220 J 1/4W	M3I3V3	
△ R578			RS14KB3D101J	FL-PROOF RS 100 J 2W	M3I3V3	
△ R578			RS14KB3D470J	FL-PROOF RS 47 J 2W	M4I4V4	
R583, 584			RD14NB2E4R7J	RD 4.7 J 1/4W	M3I3V3	
R583, 584			RD14NB2E4R7J	RD 4.7 J 1/4W	M4I4V4	
R585			RD14NB2E4R7J	RD 4.7 J 1/4W	M3I3V3	
R598			RS14KB3D101J	FL-PROOF RS 100 J 2W	M3I3V3	
△ R598			RS14KB3D470J	FL-PROOF RS 47 J 2W	M4I4V4	
△ R599			R92-1844-05	CARBON 3.3M J 1/2W	K1P1K2	
△ R599			R92-1844-05	CARBON 3.3M J 1/2W	P2	
VR1			R31-0096-05	VARIABLE RESISTOR		
△ K1, 2			S76-0060-05	MAGNETIC RELAY		
△ K1, 2			S76-0069-15	MAGNETIC RELAY		
K11			S76-0076-05	MAGNETIC RELAY	I4V3V4	
K11			S76-0076-05	MAGNETIC RELAY	M3M4I3	
K12			S76-0078-05	MAGNETIC RELAY	M3I3V3	
K13			S76-0076-05	MAGNETIC RELAY	I4V3V4	
K13			S76-0076-05	MAGNETIC RELAY	M3M4I3	
△ S1			S62-0001-05	SLIDE SWITCH	I2I3I4	
△ S1			S62-0001-05	SLIDE SWITCH	M2M3M4	
△ S1			S62-0001-05	SLIDE SWITCH	Y1M1I1	
S2			S62-0055-05	SLIDE SWITCH	I4V3V4	
S2			S62-0055-05	SLIDE SWITCH	M3M4I3	
D1			HZS5.1N(B2)	ZENER DIODE		
D1			MTZJ5.1(B)	ZENER DIODE		
D2			HSS104A	DIODE		
D2			1SS133	DIODE		
D3			HZS5.1N(B2)	ZENER DIODE		
D3			MTZJ5.1(B)	ZENER DIODE		
D4			HZS3.9N(B2)	ZENER DIODE		
D4			MTZJ3.9(B)	ZENER DIODE		
D5-7			HSS104A	DIODE		
D5-7			1SS133	DIODE		
D9			HZS5.6N(B2)	ZENER DIODE	I2I3I4	
D9			HZS5.6N(B2)	ZENER DIODE	M2M3M4	
D9			HZS5.6N(B2)	ZENER DIODE	V2V3V4	
D9			MTZJ5.6(B)	ZENER DIODE	I2I3I4	
D9			MTZJ5.6(B)	ZENER DIODE	M2M3M4	
D9			MTZJ5.6(B)	ZENER DIODE	V2V3V4	
D10			HSS104A	DIODE	E1E2Q1	
D10			HSS104A	DIODE	E3Q2	
D10			1SS133	DIODE	E1E2Q1	
D10			1SS133	DIODE	E3Q2	
D11			HSS104A	DIODE	M4I4V4	
D11			1SS133	DIODE	M4I4V4	
D12			HSS104A	DIODE	I2I3I4	
D12			HSS104A	DIODE	M2M3M4	
D12			HSS104A	DIODE	V2V3V4	
D12			HSS104A	DIODE	X1Q1	
D12			HSS104A	DIODE	X2Q2M5	
D12			HSS104A	DIODE	Y1M1I1	
D12			1SS133	DIODE	I2I3I4	
D12			1SS133	DIODE	M2M3M4	

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D12			1SS133	DIODE	V2V3V4	
D12			1SS133	DIODE	X1Q1	
D12			1SS133	DIODE	X2Q2M5	
D12			1SS133	DIODE	Y1M1I1	
D13			HSS104A	DIODE	M2I2V2	
D13			1SS133	DIODE	M2I2V2	
D14			HSS104A	DIODE	E1E2Q1	
D14			HSS104A	DIODE	E3Q2	
D14			HSS104A	DIODE	I2I3I4	
D14			HSS104A	DIODE	M2M3M4	
D14			HSS104A	DIODE	V2V3V4	
D14			HSS104A	DIODE	X1X2M5	
D14			HSS104A	DIODE	Y1M1I1	
D14			1SS133	DIODE	E1E2Q1	
D14			1SS133	DIODE	E3Q2	
D14			1SS133	DIODE	I2I3I4	
D14			1SS133	DIODE	M2M3M4	
D14			1SS133	DIODE	V2V3V4	
D14			1SS133	DIODE	X1X2M5	
D14			1SS133	DIODE	Y1M1I1	
D15			HSS104A	DIODE	E1E2Q1	
D15			HSS104A	DIODE	K1P1Y1	
D15			HSS104A	DIODE	M1I1X1	
D15			HSS104A	DIODE	M3I3V3	
D15			HSS104A	DIODE	M5	
D15			1SS133	DIODE	E1E2Q1	
D15			1SS133	DIODE	K1P1Y1	
D15			1SS133	DIODE	M1I1X1	
D15			1SS133	DIODE	M3I3V3	
D15			1SS133	DIODE	M5	
D16			HSS104A	DIODE	E1E2Q1	
D16			1SS133	DIODE	E1E2Q1	
D17, 18			S5688B	DIODE		
D17, 18			1SR139-400	DIODE		
D17, 18			1T2	DIODE	E1E2Q1	
D17, 18			1T2	DIODE	E3Q2M5	
D17, 18			1T2	DIODE	I2I3I4	
D17, 18			1T2	DIODE	K1P1Y1	
D17, 18			1T2	DIODE	K2P2X2	
D17, 18			1T2	DIODE	M1I1X1	
D17, 18			1T2	DIODE	M2M3M4	
D19			HZS16N(B2)	ZENER DIODE		
D19			MTZJ16(B)	ZENER DIODE		
D20			HZS18N(B2)	ZENER DIODE		
D20			MTZJ18(B)	ZENER DIODE		
D21			HSS104A	DIODE		
D21			1SS133	DIODE		
△ D22			D4SBL20UF03	DIODE		
△ D23			D4SBL20UF03	DIODE	I4V3V4	
△ D23			D4SBL20UF03	DIODE	M3M4I3	
△ D23			RBV-602LFA	DIODE	E1E2Q1	
△ D23			RBV-602LFA	DIODE	K1P1Y1	
△ D23			RBV-602LFA	DIODE	K2P2X2	
△ D23			RBV-602LFA	DIODE	M1I1X1	
△ D23			RBV-602LFA	DIODE	M2I2V2	

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RXD-951/A700/A900/V616/V818/V919

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Δ D23			RBV-602LFA	DIODE	Q2E3M5	
Δ D24-27			S5688B	DIODE		
Δ D24-27			1SR139-400	DIODE		
Δ D24-27			1T2	DIODE	E1E2Q1	
Δ D24-27			1T2	DIODE	E3Q2M5	
Δ D24-27			1T2	DIODE	I2I3I4	
Δ D24-27			1T2	DIODE	K1P1Y1	
Δ D24-27			1T2	DIODE	K2P2X2	
Δ D24-27			1T2	DIODE	M111X1	
Δ D24-27			1T2	DIODE	M2M3M4	
Δ D28, 29			HSS104A	DIODE		
Δ D28, 29			1S5133	DIODE		
Δ D30			HZS2.7N(B2)	ZENER DIODE		
Δ D30			MTZJ2.7(B)	ZENER DIODE		
Δ D31			HZS6.2N(B2)	ZENER DIODE		
Δ D31			MTZJ6.2(B)	ZENER DIODE		
Δ D32			HSS104A	DIODE		
Δ D32			1S5133	DIODE		
Δ D33			HZS5.6N(B2)	ZENER DIODE		
Δ D33			MTZJ5.6(B)	ZENER DIODE		
Δ D34			HZS5.1N(B2)	ZENER DIODE		
Δ D34			MTZJ5.1(B)	ZENER DIODE		
Δ D35			HZS5.6N(B2)	ZENER DIODE		
Δ D35			MTZJ5.6(B)	ZENER DIODE		
Δ D36			HZS20N(B2)	ZENER DIODE		
Δ D36			MTZJ20(B)	ZENER DIODE		
Δ D37-40			HSS104A	DIODE		
Δ D37-40			1S5133	DIODE		
Δ D41-44			S5688B	DIODE	I2I3I4	
Δ D41-44			S5688B	DIODE	M2M3M4	
Δ D41-44			S5688B	DIODE	V2V3V4	
Δ D41-44			1SR139-400	DIODE	I2I3I4	
Δ D41-44			1SR139-400	DIODE	M2M3M4	
Δ D41-44			1SR139-400	DIODE	V2V3V4	
Δ D41-44			1T2	DIODE	I2I3I4	
Δ D41-44			1T2	DIODE	M2M3M4	
Δ D45-49			HSS104A	DIODE		
Δ D45-49			1S5133	DIODE		
Δ D50			HSS104A	DIODE	E3Q2	
Δ D50			HSS104A	DIODE	K2P2X2	
Δ D50			1S5133	DIODE	E3Q2	
Δ D50			1S5133	DIODE	K2P2X2	
Δ D101			HSS104A	DIODE	M3I3V3	
Δ D101			1S5133	DIODE	M3I3V3	
Δ D509, 510			HZS8.2N(B2)	ZENER DIODE	M3I3V3	
Δ D509, 510			MTZJ8.2(B)	ZENER DIODE	M3I3V3	
Δ D511			HSS104A	DIODE	I4V3V4	
Δ D511			HSS104A	DIODE	M3M4I3	
Δ D511			1S5133	DIODE	I4V3V4	
Δ D511			1S5133	DIODE	M3M4I3	
Δ D513			HSS104A	DIODE	I4V3V4	
Δ D513			HSS104A	DIODE	M3M4I3	
Δ D513			1S5133	DIODE	I4V3V4	
Δ D513			1S5133	DIODE	M3M4I3	
Δ D515, 516			HSS104A	DIODE	M3I3V3	

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
D515, 516			HSS104A	DIODE	M4I4V4	
D515, 516			1S5133	DIODE	M3I3V3	
D515, 516			1S5133	DIODE	M4I4V4	
D517			HSS104A	DIODE	M3I3V3	
D517			1S5133	DIODE	M3I3V3	
IC1			NJU7313AL	ANALOGUE IC		
IC2, 3			NJM4565D-D	IC(OP AMP X2)		
IC4			M62430FP	ANALOGUE IC		
IC5			S-806D-Z	ANALOGUE IC		
IC9			BA3834SK	ANALOGUE IC		
IC10			M38199MF-080FP	MI-COM IC	K2P2X2	
IC10			M38199MF-083FP	MI-COM IC	E1E2Q1	
IC10			M38199MF-083FP	MI-COM IC	K1P1Y1	
IC10			M38199MF-083FP	MI-COM IC	M111X1	
IC10			M38199MF-083FP	MI-COM IC	Q2E3M5	
IC10		*	M38199MF-084FP	MI-COM IC	I2I3I4	
IC10		*	M38199MF-084FP	MI-COM IC	M2M3M4	
IC10		*	M38199MF-084FP	MI-COM IC	V2V3V4	
IC11			SAA6579	ANALOGUE IC	E1E2Q1	
IC11			SAA6579	ANALOGUE IC	Q2E3	
IC11			SAA6579/R	ANALOGUE IC	E1E2Q1	
IC11			SAA6579/R	ANALOGUE IC	Q2E3	
Δ IC12			TA79012SB	ANALOGUE IC		
Δ IC13			TA7809SB	ANALOGUE IC		
Δ IC15			TA78L012AP	ANALOGUE IC		
IC16, 17			NJM4565D-D	IC(OP AMP X2)	E1E2Q1	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	I3V2V3	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	K1P1Y1	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	M111X1	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	M2M3I2	
IC16, 17			NJM4565D-D	IC(OP AMP X2)	M5	
IC19			NJM4565D-D	IC(OP AMP X2)		
Δ IC21			STK407-710K	HYBRID IC	M4I4V4	
Δ IC21			STK410-030D	HYBRID IC	M3I3V3	
Δ IC21			STK410-030K	HYBRID IC	M3I3V3	
Δ Q1			2SB1624	TRANSISTOR	M4I4V4	
Q2			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q2			KTA1267(Y,GR)	TRANSISTOR	E3Q2M5	
Q2			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q2			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q2			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q2			KTA1267(Y,GR)	TRANSISTOR	M111X1	
Q2			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q2			2SA1175(F,E)	TRANSISTOR		
Q2			2SA933AS(Q,R)	TRANSISTOR	V2V3V4	
Q3			2SD2061	TRANSISTOR	I2I3I4	
Q3			2SD2061	TRANSISTOR	M2M3M4	
Q3			2SD2061	TRANSISTOR	V2V3V4	
Q4			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q4			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q4			KTC3199(Y,GR)	TRANSISTOR	V2V3V4	
Q4			2SC2785(F,E)	TRANSISTOR	I2I3I4	
Q4			2SC2785(F,E)	TRANSISTOR	M2M3M4	
Q4			2SC2785(F,E)	TRANSISTOR	V2V3V4	
Q5			2SA992(F,E)	TRANSISTOR		

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Q6, 7			2SC1845(F,E)	TRANSISTOR	E3Q2M5	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	M1I1X1	
Q8, 9			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q8, 9			2SA1175(F,E)	TRANSISTOR		
Q8, 9			2SA933A(S,Q,R)	TRANSISTOR	V2V3V4	
△ Q10			2SB1417(Q,P)	TRANSISTOR		
△ Q10			2SB1640	TRANSISTOR	E3Q2M5	
Q11			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q11			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q11			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q11			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q11			KTA1267(Y,GR)	TRANSISTOR	M1I1X1	
Q11			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q11			2SA1175(F,E)	TRANSISTOR		
Q11			2SA933A(S,Q,R)	TRANSISTOR	V2V3V4	
Q12			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q12			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q12			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q12			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q12			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q12			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q12			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q12			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q12			2SC2785(F,E)	TRANSISTOR		
△ Q13			2SD2137(Q,P)	TRANSISTOR		
△ Q13			2SD2525	TRANSISTOR		
△ Q14			2SB1417(Q,P)	TRANSISTOR		
△ Q14			2SB1640	TRANSISTOR		
△ Q15			2SD2137(Q,P)	TRANSISTOR		
△ Q15			2SD2525	TRANSISTOR		
Q16			2SC2003(L,K)	TRANSISTOR		
△ Q17			2SB1624	TRANSISTOR	M3I3V3	
Q18			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q18			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q18			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q18			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q18			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q18			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q18			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q18			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q18			2SC2785(F,E)	TRANSISTOR		
△ Q19			2SD2137(Q,P)	TRANSISTOR		
△ Q19			2SD2525	TRANSISTOR		
△ Q20-22			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
△ Q20-22			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
△ Q20-22			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
△ Q20-22			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
△ Q20-22			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
△ Q20-22			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
△ Q20-22			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
△ Q20-22			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	

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△ Q20-22			2SC2785(F,E)	TRANSISTOR		
△ Q23			2SD2137(Q,P)	TRANSISTOR		
△ Q23			2SD2525	TRANSISTOR		
Q24			2SD2137(Q,P)	TRANSISTOR	M4I4V4	
Q24			2SD2525	TRANSISTOR	M4I4V4	
Q25, 26			2SC2878(B)	TRANSISTOR		
Q27			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q27			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q27			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q27			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q27			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q27			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q27			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q27			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q27			2SC2785(F,E)	TRANSISTOR		
Q28			DTC124ESA	DIGITAL TRANSISTOR		
Q29			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q29			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q29			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q29			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q29			KTC3199(Y,GR)	TRANSISTOR	M1I1X1	
Q29			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q29			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q29			2SC2785(F,E)	TRANSISTOR		
Q501, 502			2SC2878(B)	TRANSISTOR	M3I3V3	
Q501, 502			2SC2878(B)	TRANSISTOR	M4I4V4	
Q503			2SC2878(B)	TRANSISTOR	M3I3V3	
Q504			KTC3199(Y,GR)	TRANSISTOR	M3I3	
Q504			2SC1740S(Q,R)	TRANSISTOR	V3	
Q504			2SC2785(F,E)	TRANSISTOR	M3I3V3	
Q505, 506			2SC2878(B)	TRANSISTOR	M3I3V3	
Q505, 506			2SC2878(B)	TRANSISTOR	M4I4V4	
Q507			2SC2878(B)	TRANSISTOR	M3I3V3	
Q509, 510			2SC1845(F,E)	TRANSISTOR	M3I3V3	
Q509, 510			2SC1845(F,E)	TRANSISTOR	M4I4V4	
Q511			2SC1845(F,E)	TRANSISTOR	M3I3V3	
Q512			KTC3199(Y,GR)	TRANSISTOR	I4	
Q512			KTC3199(Y,GR)	TRANSISTOR	M3M4I3	
Q512			2SC1740S(Q,R)	TRANSISTOR	V3V4	
Q512			2SC2785(F,E)	TRANSISTOR	I4V3V4	
Q512			2SC2785(F,E)	TRANSISTOR		
Q514			2SC2785(F,E)	TRANSISTOR	M3M4I3	
Q514			KTC3199(Y,GR)	TRANSISTOR	I4	
Q514			KTC3199(Y,GR)	TRANSISTOR	M3M4I3	
Q514			KTC3199(Y,GR)	TRANSISTOR	V3V4	
Q514			2SC1740S(Q,R)	TRANSISTOR	I4V3V4	
Q514			2SC2785(F,E)	TRANSISTOR		
Q514			2SC2785(F,E)	TRANSISTOR	M3M4I3	
DISPLAY UNIT (X14-485X-XX)						
D6, 7			B30-2430-05	LED(RED)	E1E2Q1	
D6, 7			B30-2430-05	LED(RED)	K1P1Y1	
D6, 7			B30-2430-05	LED(RED)	K2P2X2	
D6, 7			B30-2430-05	LED(RED)	M1I1X1	
D6, 7			B30-2430-05	LED(RED)	M2I2V2	
D6, 7			B30-2430-05	LED(RED)		
D6, 7			B30-2430-05	LED(RED)	W3Q2M5	
D20, 21			B30-2468-05	LED	E2Q1	

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C119			CC45FSL1H101J	CERAMIC 100PF J	V2V3V4	
C120			CE04LW1V220M	ELECTRO 22UF 35WV	I2I3I4	
C120			CE04LW1V220M	ELECTRO 22UF 35WV	M2M3M4	
C120			CE04LW1V220M	ELECTRO 22UF 35WV	V2V3V4	
C121			CK45FF1H103Z	CERAMIC 0.010UF Z	I2I3I4	
C121			CK45FF1H103Z	CERAMIC 0.010UF Z	M2M3M4	
C121			CK45FF1H103Z	CERAMIC 0.010UF Z	V3V3V4	
C122			CQ93FMG1H332J	MYLAR 3300PF J	I2I3I4	
C122			CQ93FMG1H332J	MYLAR 3300PF J	M2M3M4	
C122			CQ93FMG1H332J	MYLAR 3300PF J	V2V3V4	
C123			CF92FV1H474J	MF-C 0.47UF J	I2I3I4	
C123			CF92FV1H474J	MF-C 0.47UF J	M2M3M4	
C123			CF92FV1H474J	MF-C 0.47UF J	V2V3V4	
C124			CK45FF1H103Z	CERAMIC 0.010UF Z	I2I3I4	
C124			CK45FF1H103Z	CERAMIC 0.010UF Z	M2M3M4	
C124			CK45FF1H103Z	CERAMIC 0.010UF Z	V2V3V4	
C125			CE04LW1C470M	ELECTRO 47UF 16WV	I2I3I4	
C125			CE04LW1C470M	ELECTRO 47UF 16WV	M111X1	
C125			CE04LW1C470M	ELECTRO 47UF 16WV	M2M3M4	
C125			CE04LW1C470M	ELECTRO 47UF 16WV	V2V3V4	
C125			CE04LW1C470M	ELECTRO 47UF 16WV	Y1M5	
CN1			E40-4725-05	FLAT CABLE CONNECTOR		
CN2			E40-8267-05	FLAT CABLE CONNECTOR	E3Q2	
CN2			E40-8267-05	FLAT CABLE CONNECTOR	K2P2X2	
CN2			E40-8267-05	FLAT CABLE CONNECTOR	M4I4V4	
CN2			E40-8268-05	FLAT CABLE CONNECTOR	E1E2Q1	
CN2			E40-8268-05	FLAT CABLE CONNECTOR	I3V2V3	
CN2			E40-8268-05	FLAT CABLE CONNECTOR	K1P1Y1	
CN2			E40-8268-05	FLAT CABLE CONNECTOR	M111X1	
CN2			E40-8268-05	FLAT CABLE CONNECTOR	M2M3I2	
CN2			E40-8268-05	FLAT CABLE CONNECTOR	M5	
CN3			E40-8287-05	FLAT CABLE CONNECTOR	I2I3I4	
CN3			E40-8287-05	FLAT CABLE CONNECTOR	M111X1	
CN3			E40-8287-05	FLAT CABLE CONNECTOR	M2M3M4	
CN3			E40-8287-05	FLAT CABLE CONNECTOR	V2V3V4	
CN3			E40-8287-05	FLAT CABLE CONNECTOR	Y1M5	
CN5			E40-4721-05	FLAT CABLE CONNECTOR		
CN5			E40-4721-05	FLAT CABLE CONNECTOR	E3Q2	
CN5			E40-4721-05	FLAT CABLE CONNECTOR	K2P2X2	
CN5			E40-4721-05	FLAT CABLE CONNECTOR	M4I4V4	
CN5			E40-4723-05	FLAT CABLE CONNECTOR	E1E2Q1	
CN5			E40-4723-05	FLAT CABLE CONNECTOR	I3V2V3	
CN5			E40-4723-05	FLAT CABLE CONNECTOR	K1P1Y1	
CN5			E40-4723-05	FLAT CABLE CONNECTOR	M111X1	
CN5			E40-4723-05	FLAT CABLE CONNECTOR	M2M3I2	
CN5			E40-4723-05	FLAT CABLE CONNECTOR	M5	
J1, 2			E11-0169-05	PHONE JACK	I2I3I4	
J1, 2			E11-0169-05	PHONE JACK	M111X1	
J1, 2			E11-0169-05	PHONE JACK	M2M3M4	
J1, 2			E11-0169-05	PHONE JACK	V2V3V4	
J3			E11-0280-05	PHONE JACK	Y1M5	
-			J19-5756-03	HOLDER		
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	E1E2Q1	

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L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	E3Q2M5	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	I2I3I4	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	K1P1Y1	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	K2P2X2	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	M111X1	
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	M2M3M4	
L1			L40-1001-82	SMALL FIXED INDUCTOR(10UH)	V2V3V4	
X1			L78-0284-05	RESONATOR (5MHZ)		
CP1			R90-0977-05	MULTIPLE RESISTOR		
CP2			R90-0908-05	MULTI-COMP 47KX10		
CP3			R90-0804-05	MULTI-COMP 47KX8 J 1/4W		
CP4			R90-0819-05	MULTI-COMP 47KX6 J 1/6W		
Δ R23			RD14NB2E100J	RD 10 J 1/4W		
Δ R115			RD14NB2E471J	RD 470 J 1/4W	I2I3I4	
Δ R115			RD14NB2E471J	RD 470 J 1/4W	M2M3M4	
Δ R151, 152			RD14NB2E471J	RD 470 J 1/4W	V2V3V4	
VR1			RS14KB3D471J	FL-PROOF RS 470 J 2W		
VR1			R31-0097-05	VARIABLE RESISTOR	I2I3I4	
VR1			R31-0097-05	VARIABLE RESISTOR	M111X1	
VR1			R31-0097-05	VARIABLE RESISTOR	M2M3M4	
VR1			R31-0097-05	VARIABLE RESISTOR	V2V3V4	
VR1			R31-0097-05	VARIABLE RESISTOR	Y1M5	
S2			S70-0031-05	TACT SWITCH		
S11			S70-0031-05	TACT SWITCH		
S12			S70-0031-05	TACT SWITCH	E1E2Q1	
S12			S70-0031-05	TACT SWITCH	E1E2Q1	
S12			S70-0031-05	TACT SWITCH	E3Q2M5	
S12			S70-0031-05	TACT SWITCH	K1P1Y1	
S12			S70-0031-05	TACT SWITCH	K2P2X2	
S12			S70-0031-05	TACT SWITCH	M111X1	
S12			S70-0031-05	TACT SWITCH	M2I2V2	
S13-44			S70-0031-05	TACT SWITCH		
S1			T99-0559-05	ROTARY ENCODER		
S45			T99-0530-05	ROTARY ENCODER		
D1			HZS6.8N(B)	ZENER DIODE		
D1			MTZJ6.8	ZENER DIODE		
D2			S5688B	DIODE		
D3, 4			HSS104A	DIODE		
D3, 4			1SS133	DIODE		
D5			HZS6.8N(B)	ZENER DIODE		
D5			MTZJ6.8	ZENER DIODE		
D101, 102			HSS104A	DIODE	I2I3I4	
D101, 102			HSS104A	DIODE	M111X1	
D101, 102			HSS104A	DIODE	M2M3M4	
D101, 102			HSS104A	DIODE	V2V3V4	
D101, 102			HSS104A	DIODE	Y1M5	
D101, 102			1SS133	DIODE	I2I3I4	
D101, 102			1SS133	DIODE	M111X1	
D101, 102			1SS133	DIODE	M2M3M4	
D101, 102			1SS133	DIODE		
D101, 102			1SS133	DIODE	V2V3V4	
D103-106			HZS5.6N(B)	ZENER DIODE	Y1M5	
D103-106			HZS5.6N(B)	ZENER DIODE	I2I3I4	
D103-106			HZS5.6N(B)	ZENER DIODE	M111X1	
D103-106			HZS5.6N(B)	ZENER DIODE	M2M3M4	

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D103-106			HZS5.6N(B)	ZENER DIODE	V2V3V4	
D103-106			HZS5.6N(B)	ZENER DIODE	Y1M5	
D103-106			MTZJ5.6	ZENER DIODE	I2I3I4	
D103-106			MTZJ5.6	ZENER DIODE	M111X1	
D103-106			MTZJ5.6	ZENER DIODE	M2M3M4	
D103-106			MTZJ5.6	ZENER DIODE	V2V3V4	
D103-106			MTZJ5.6	ZENER DIODE	Y1M5	
D107			HZS4.7N(B)	ZENER DIODE	I2I3I4	
D107			HZS4.7N(B)	ZENER DIODE	M2M3M4	
D107			HZS4.7N(B)	ZENER DIODE	V2V3V4	
D107			MTZJ4.7	ZENER DIODE	I2I3I4	
D107			MTZJ4.7	ZENER DIODE	M2M3M4	
D107			MTZJ4.7	ZENER DIODE	V2V3V4	
D108, 109			HZS2.0N(B2)	ZENER DIODE	I2I3I4	
D108, 109			HZS2.0N(B2)	ZENER DIODE	M2M3M4	
D108, 109			HZS2.0N(B2)	ZENER DIODE	V2V3V4	
D108, 109			MTZJ2.0(B)	ZENER DIODE	I2I3I4	
D108, 109			MTZJ2.0(B)	ZENER DIODE	M2M3M4	
D108, 109			MTZJ2.0(B)	ZENER DIODE	V2V3V4	
ED1			BJ594GK	INDICATOR TUBE		
ED1			SVA-12LL02	INDICATOR TUBE	E1E2Q1	
ED1			SVA-12LL02	INDICATOR TUBE	E3Q2M5	
ED1			SVA-12LL02	INDICATOR TUBE	I2I3I4	
ED1			SVA-12LL02	INDICATOR TUBE	K1P1Y1	
ED1			SVA-12LL02	INDICATOR TUBE	K2P2X2	
ED1			SVA-12LL02	INDICATOR TUBE	M111X1	
ED1			SVA-12LL02	INDICATOR TUBE	M2M3M4	
IC1			UPD780204-038	MI-COM IC		
IC101			NJM4565D-D	IC(OP AMP X2)	I2I3I4	
IC101			NJM4565D-D	IC(OP AMP X2)	M111X1	
IC101			NJM4565D-D	IC(OP AMP X2)	M2M3M4	
IC101			NJM4565D-D	IC(OP AMP X2)	V2V3V4	
IC101			NJM4565D-D	IC(OP AMP X2)	Y1M5	
IC102			BU9253AS	MOS-IC	I2I3I4	
IC102			BU9253AS	MOS-IC	M2M3M4	
IC102			BU9253AS	MOS-IC	V2V3V4	
Q1-8			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q1-8			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q1-8			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q1-8			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q1-8			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q1-8			KTC3199(Y,GR)	TRANSISTOR	M111X1	
Q1-8			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q1-8			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q1-8			2SC2785(F,E)	TRANSISTOR		
Q9			2SC2003(L,K)	TRANSISTOR		
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	E1E2Q1	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	E3Q2M5	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	K1P1Y1	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	K2P2X2	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	M111X1	
Q10, 11			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q10, 11			2SA1175(F,E)	TRANSISTOR	V2V3V4	

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
Q10, 11			2SA933AS(Q,R)	TRANSISTOR		
Q12			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q12			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q12			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q12			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q12			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q12			KTC3199(Y,GR)	TRANSISTOR	M111X1	
Q12			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q12			2SC1740S(Q,R)	TRANSISTOR	V2V3V4	
Q12			2SC2785(F,E)	TRANSISTOR		
Q23			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q23			KTC3199(Y,GR)	TRANSISTOR	E3Q2M5	
Q23			KTC3199(Y,GR)	TRANSISTOR	I2I3I4	
Q23			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q23			KTC3199(Y,GR)	TRANSISTOR	K2P2X2	
Q23			KTC3199(Y,GR)	TRANSISTOR	M111X1	
Q23			KTC3199(Y,GR)	TRANSISTOR	M2M3M4	
Q24-28			KTC3199(Y,GR)	TRANSISTOR	E1E2Q1	
Q24-28			KTC3199(Y,GR)	TRANSISTOR	I3M5	
Q24-28			KTC3199(Y,GR)	TRANSISTOR	K1P1Y1	
Q24-28			KTC3199(Y,GR)	TRANSISTOR	M111X1	
Q24-28			KTC3199(Y,GR)	TRANSISTOR	M2M3I2	
Q24-28			2SC1740S(Q,R)	TRANSISTOR	E1E2Q1	
Q24-28			2SC1740S(Q,R)	TRANSISTOR	I3V2V3	
Q24-28			2SC1740S(Q,R)	TRANSISTOR	K1P1Y1	
Q24-28			2SC1740S(Q,R)	TRANSISTOR	M111X1	
Q24-28			2SC1740S(Q,R)	TRANSISTOR	M2M3I2	
Q24-28			2SC1740S(Q,R)	TRANSISTOR	M5	
Q24-28			2SC2785(F,E)	TRANSISTOR	V2V3	
Q101-103			KTA1267(Y,GR)	TRANSISTOR	I2I3I4	
Q101-103			KTA1267(Y,GR)	TRANSISTOR	M2M3M4	
Q101-103			KTA1267(Y,GR)	TRANSISTOR	V2V3V4	
Q101-103			2SA933AS(Q,R)	TRANSISTOR	I2I3I4	
Q101-103			2SA933AS(Q,R)	TRANSISTOR	M2M3M4	
Q101-103			2SA933AS(Q,R)	TRANSISTOR	V2V3V4	
A1			W02-2561-05	ELECTRIC CIRCUIT MODULE		
CASSETTE MECHA UNIT (X28-296X-XX)						
C1, 2			CK45FB1H561K	CERAMIC	560PF	K
C3, 4			CE04LW1C100M	ELECTRO	10UF	16WV
C5, 6			CK45FB1H391K	CERAMIC	390PF	K
C7, 8			CE04LW1C220M	ELECTRO	22UF	16WV
C9, 10			CQ93FMG1H223J	MYLAR	0.022UF	J
C11, 12			CK45FB1H332K	CERAMIC	330PF	K
C15, 16			CE04LW1H010M	ELECTRO	1.0UF	50WV
C17, 18			CK45FB1H471K	CERAMIC	470PF	K
C19, 20			CE04LW1C100M	ELECTRO	10UF	16WV
C21, 22			CK45FB1H391K	CERAMIC	390PF	K
C23, 24			CE04LW1C220M	ELECTRO	22UF	16WV
C25, 26			CQ93FMG1H223J	MYLAR	0.022UF	J
C27, 28			CK45FB1H332K	CERAMIC	330PF	K
C29, 30			CE04LW1H010M	ELECTRO	1.0UF	50WV
C31, 32			CK45FB1H682K	CERAMIC	680PF	K
C33, 34			CK45FB1H102K	CERAMIC	100PF	K
C35, 36			CE04LW1HR47M	ELECTRO	0.47UF	50WV

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C37, 38			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C39, 40			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C41, 42			CE04LW1C100M	ELECTRO 10UF 16WV		
C43, 44			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C45, 46			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C47, 48			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C49-52			CC45FSL1H221J	CERAMIC 220PF J		
C53, 54			CQ93FMG1H472J	MYLAR 4700PF J		
C55			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C56			CQ93FMG1H103J	MYLAR 0.010UF J		
C57			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C58			CE04LW1C101M	ELECTRO 100UF 16WV		
C59, 60			CE04LW1C220M	ELECTRO 22UF 16WV		
C61, 62			CE04LW1C101M	ELECTRO 100UF 16WV		
C63			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C64			CQ93FMG1H472J	MYLAR 4700PF J		
C65			CQ93FMG1H103J	MYLAR 0.010UF J		
C66			CQ93FMG1H472J	MYLAR 4700PF J		
C67			CQ93HP2A103J	MYLAR 0.010UF J		
C68			CK45FB2H471K	CERAMIC 470PF K		
C69			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C70, 71			CE04LW1C100M	ELECTRO 10UF 16WV		
C74			CK45FB1H471K	CERAMIC 470PF K		
C75, 76			CK45FF1H103Z	CERAMIC 0.010UF Z		
CN1			E40-3247-05	PIN ASSY		
CN2			E40-3250-05	PIN ASSY		
CN3, 4			E40-8257-05	FLAT CABLE CONNECTOR		
CN5			E40-8253-05	FLAT CABLE CONNECTOR		
CN6			E40-4977-05	PIN ASSY		
E2			J11-0809-05	WIRE CLAMPER		
L1, 2			L79-1242-05	LC FILTER		
L5, 6			L40-1035-29	SMALL FIXED INDUCTOR(10MH, J)		
L7			L32-0592-05	BIAS OSCILLATING COIL		
△ R43			RD14NB2E100J	RD 10 J 1/4W		
△ R53			RD14NB2E100J	RD 10 J 1/4W		
△ R62			RD14NB2E101J	RD 100 J 1/4W		
VR1, 2			R32-0030-05	SEMI FIXED VARIABLE RESISTOR		
VR3, 4			R32-0041-05	SEMI FIXED VARIABLE RESISTOR		
VR5, 6			R32-0036-05	SEMI FIXED VARIABLE RESISTOR		
VR7, 8			R32-0030-05	SEMI FIXED VARIABLE RESISTOR		
D1-4			HSS104A	DIODE		
D1-4			1S5133	DIODE		
D5			HZS2.7N(B2)	ZENER DIODE		
D5			MTZJ2.7(B)	ZENER DIODE		
IC1			HA12209F	ANALOGUE IC		
IC2, 3			BA328	IC		
IC4			BA3126N	ANALOGUE IC		
IC5			BA10393	ANALOGUE IC		
IC6			TC74HC166AP	IC(8BIT SHIFT REGISTER)		
Q1-4			2SC3246	TRANSISTOR		
△ Q5			2SC2003(L,K)	TRANSISTOR		
Q7, 8			2SC1740S(Q,R)	TRANSISTOR		
Q7, 8			2SC2785(F,E)	TRANSISTOR		

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Q9			DTA124ESA	DIGITAL TRANSISTOR		
Q9			UN4112	DIGITAL TRANSISTOR		
Q10, 11			2SC1845(F,E)	TRANSISTOR		
Q12			DTC124ESA	DIGITAL TRANSISTOR		
Q12			UN4212	DIGITAL TRANSISTOR		
CD MECHA UNIT (X32-358X-XX)						
C1, 2			CC73FCH1H101J	CHIP C 100PF J		
C3, 4			CE04LW1A101M	ELECTRO 100UF 10WV		
C5			CE04LW1H100M	ELECTRO 10UF 50WV		
C6			CC73FCH1H680J	CHIP C 68PF J		
C8			CC73FCH1H101J	CHIP C 100PF J		
C10			CK73FB1E333KTA	CHIP C 0.033UF K		
C11			CE04LW1A471M	ELECTRO 470UF 10WV		
C12, 13			CC73FCH1H101J	CHIP C 100PF J		
C14, 15			CC73FCH1H221J	CHIP C 220PF J		
C16			CK73FB1H223KTA	CHIP C 0.022UF K		
C17			CK73FF1E104Z	CHIP C 0.10UF Z		
C18			CE04LW1A101M	ELECTRO 100UF 10WV		
C19			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C20			CK73FF1E474Z	CHIP C 0.47UF Z		
C21			CK73FB1H332K	CHIP C 3300PF K		
C22			CK73FB1H152K	CHIP C 1500PF K		
C23			CK73FB1E473KTA	CHIP C 0.047UF K		
C24			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C25			CK73FB1H103K	CHIP C 0.010UF K		
C26		*	C90-3798-05	ALUMINUM ELECTROLYTIC C.		
C27			CC73FCH1H102J	CHIP C 1000PF J		
C28			CK73FB1H103K	CHIP C 0.010UF K		
C29		*	C90-3800-05	ALUMINUM ELECTROLYTIC C.		
C30, 31			CC73FCH1H470J	CHIP C 47PF J		
C32			CK73FB1H103K	CHIP C 0.010UF K		
C33			CC73FCH1H102J	CHIP C 1000PF J		
C34			CC73FCH1H030C	CHIP C 3.0PF C		
C35			CK73FB1H103K	CHIP C 0.010UF K		
C36		*	C90-3798-05	ALUMINUM ELECTROLYTIC C.		
C37			CK73FB1H103K	CHIP C 0.010UF K		
C38			CE04LW0J471M	ELECTRO 470UF 6.3WV		
C39, 40			CE04LW1H100M	ELECTRO 10UF 50WV		
C41, 42			CK73FB1H222K	CHIP C 2200PF K		
C43, 44			CE04LW1H100M	ELECTRO 10UF 50WV		
C45, 46			CC73FCH1H561J	CHIP C 560PF J		
C47, 48			CC73FCH1H681J	CHIP C 680PF J		
C49			CK73FB1H103K	CHIP C 0.010UF K		
C50		*	C90-3801-05	ALUMINUM ELECTROLYTIC C.		
C51, 52			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C53			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C54			CK73FF1C105Z	CHIP C 1.0UF Z		
C55			CC73FCH1H151J	CHIP C 150PF J		
C56			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C57			CK73FF1C105Z	CHIP C 1.0UF Z		
C58			CE04LW0J331M	ELECTRO 330UF 6.3WV		
C59			CK73FF1C105Z	CHIP C 1.0UF Z		
C60			CC73FCH1H470J	CHIP C 47PF J		
C61			CE04LW1A101M	ELECTRO 100UF 10WV		
C62, 63			CK73FF1E104Z	CHIP C 0.10UF Z		

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PARTS LIST

RXD-951/A700/A900/N616/N818/N919

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C64-68			CC73FCH1H101J	CHIP C 100PF J		
C69			CK73FB1H103K	CHIP C 0.010UF K		
C70-72			CC73FCH1H101J	CHIP C 100PF J		
C73			CE04LW0J221M	ELECTRO 220UF 6.3WV		
C74			CE04LW1H100M	ELECTRO 10UF 50WV		
C75			CE04LW0J221M	ELECTRO 220UF 6.3WV		
C76			CE04LW1H100M	ELECTRO 10UF 50WV	I2I3I4	
C76			CE04LW1H100M	ELECTRO 10UF 50WV	M2M3M4	
C77			CE04LW1A471M	ELECTRO 470UF 10WV		
C78			CK73FB1H103K	CHIP C 0.010UF K		
C79			CC73FCH1H101J	CHIP C 100PF J		
C81-84			CC73FCH1H101J	CHIP C 100PF J		
C85			CC73FCH1H220J	CHIP C 22PF J	I2I3I4	
C85			CC73FCH1H220J	CHIP C 22PF J	M2M3M4	
C86, 87			CE04LW1A101M	ELECTRO 100UF 10WV		
C88			CK73FF1C105Z	CHIP C 1.0UF Z		
C89			CK73FF1E104Z	CHIP C 0.10UF Z		
C90			CC73FCH1H101J	CHIP C 100PF J		
C91, 92			CQ93FMG1H102J	MYLAR 1000PF J		
C93			CC73FCH1H030C	CHIP C 3.0PF C		
C94, 95			CK73FF1C105Z	CHIP C 1.0UF Z		
C97, 98			CK73FB1H103K	CHIP C 0.010UF K		
C99			CK73FF1C105Z	CHIP C 1.0UF Z		
C100			CC73FCH1H101J	CHIP C 100PF J		
C101			CK73FB1H103K	CHIP C 0.010UF K		
CN1			E40-8151-05	FLAT CABLE CONNECTOR		
CN2			E40-4979-05	PIN ASSY		
CN3			E40-4377-05	PIN ASSY		
CN4			E40-8255-05	FLAT CABLE CONNECTOR		
CN5			E40-8251-05	FLAT CABLE CONNECTOR		
CN6		*	E40-8202-05	SOCKET FOR PIN ASSY		
CN7			E40-4763-05	PIN ASSY		
CN8			E40-3247-05	PIN ASSY		
CN9			E40-4762-05	PIN ASSY		
J1			E63-0130-05	PHONO JACK		
E3-7			J11-0809-05	WIRE CLAMPER		
L1			L40-1001-31	SMALL FIXED INDUCTOR(10UH,K)		
X1			L77-2190-05	CRYSTAL RESONATOR(16.9344MHZ)		
X2			L78-0290-05	RESONATOR (8MHZ)		
R1			RK73FB2A224J	CHIP R 220K J 1/10W		
R2-5			RK73FB2A683J	CHIP R 68K J 1/10W		
R6			RK73FB2A224J	CHIP R 220K J 1/10W		
R7			RK73FB2A100J	CHIP R 10 J 1/10W		
R8			RK73FB2A273J	CHIP R 27K J 1/10W		
R9			RK73FB2A153J	CHIP R 15K J 1/10W		
R10, 11			RK73FB2A101J	CHIP R 100 J 1/10W		
R12			RK73FB2A103J	CHIP R 10K J 1/10W		
R13			RK73FB2A152J	CHIP R 1.5K J 1/10W		
R14			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R15, 16			RK73FB2A103J	CHIP R 10K J 1/10W		
R17			RK73FB2A564J	CHIP R 560K J 1/10W		
R18, 19			RK73FB2A104J	CHIP R 100K J 1/10W		
R20			RK73FB2A474J	CHIP R 470K J 1/10W		
R21, 22			RK73FB2A101J	CHIP R 100 J 1/10W		

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R23			RK73FB2A104J	CHIP R 100K J 1/10W		
R24			RK73FB2A103J	CHIP R 10K J 1/10W		
R25			RK73FB2A104J	CHIP R 100K J 1/10W		
R26, 27			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R28, 29			RK73FB2A153J	CHIP R 15K J 1/10W		
R30			RK73FB2A104J	CHIP R 100K J 1/10W		
R31			RK73FB2A333J	CHIP R 33K J 1/10W		
R32			RK73FB2A104J	CHIP R 100K J 1/10W		
R33			RK73FB2A103J	CHIP R 10K J 1/10W		
R34, 35			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R36			RK73FB2A105J	CHIP R 1.0M J 1/10W		
R37			RK73FB2A104J	CHIP R 100K J 1/10W		
R38			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R39			RK73FB2A101J	CHIP R 100 J 1/10W		
R40			RK73FB2A681J	CHIP R 680 J 1/10W		
R41			RK73FB2A221J	CHIP R 220 J 1/10W		
R42			RK73FB2A470J	CHIP R 47 J 1/10W		
R43			RK73FB2A104J	CHIP R 100K J 1/10W		
R44			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R45			RK73FB2A4R7J	CHIP R 4.7 J 1/10W		
R46			RK73FB2A101J	CHIP R 100 J 1/10W		
R47, 48			RK73FB2A470J	CHIP R 47 J 1/10W		
R49, 50			RK73FB2A621J	CHIP R 620 J 1/10W		
R51, 52			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R53, 54			RK73FB2A103J	CHIP R 10K J 1/10W		
R55, 56			RK73FB2A101J	CHIP R 100 J 1/10W		
R57, 58			RK73FB2A103J	CHIP R 10K J 1/10W		
R59, 60			RK73FB2A132J	CHIP R 1.3K J 1/10W		
R61, 62			RK73FB2A912J	CHIP R 9.1K J 1/10W		
R63, 64			RK73FB2A512J	CHIP R 5.1K J 1/10W		
R65, 66			RK73FB2A362J	CHIP R 3.6K J 1/10W		
R67, 68			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R71			RK73FB2A101J	CHIP R 100 J 1/10W		
R72			RK73FB2A471J	CHIP R 470 J 1/10W		
R73			RK73FB2A101J	CHIP R 100 J 1/10W		
R74			RK73FB2A471J	CHIP R 470 J 1/10W		
R75			RK73FB2A103J	CHIP R 10K J 1/10W		
R76-84			RK73FB2A104J	CHIP R 100K J 1/10W		
R85-89			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R90-92			RK73FB2A101J	CHIP R 100 J 1/10W		
R93			RK73FB2A331J	CHIP R 330 J 1/10W		
R94-96			RK73FB2A101J	CHIP R 100 J 1/10W		
R97			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R98			RK73FB2A101J	CHIP R 100 J 1/10W		
R99			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R100			RK73FB2A103J	CHIP R 10K J 1/10W		
R102-106			RK73FB2A101J	CHIP R 100 J 1/10W		
R107			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R108, 109			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R111			RK73FB2A104J	CHIP R 100K J 1/10W		
R112			RK73FB2A1R0J	CHIP R 1 J 1/10W		
R113, 114			RK73FB2A104J	CHIP R 100K J 1/10W		
R115, 116			RK73FB2A1R0J	CHIP R 1 J 1/10W		
R117			RK73FB2A221J	CHIP R 220 J 1/10W		
R118			RK73FB2A101J	CHIP R 100 J 1/10W		

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PARTS LIST

RXD-951/A700/A900N/616N/818N/919

* New Parts
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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
Q6, 7 Q8			UN4212 25B764(E,F)	DIGITAL TRANSISTOR TRANSISTOR		
A1 A1 A1			W02-1114-05 W02-1114-05 W02-1114-05	OSCILLATING MODULE OSCILLATING MODULE OSCILLATING MODULE	E2Q1 I1X1E1 Y1M1M5	
CD MECHANISM (D40-1590-08)						
101 102	3B 3A		A10-3119-08 A15-0089-08	CHASSIS (MAIN) FRAME (MD-B)		
105 107 108 109 110	2A 2B 2A 2B 2A		D10-3538-08 D10-3459-08 D10-3638-08 D10-3496-18 D10-3659-04	SLIDER (LIFT) LEVER (LOCK) LEVER (BRAKE) FRICTION ARM ASSY FEED SHAFT		
113 114 115 117 118	1A 2B 2B 3A 1A		D13-1599-08 D13-1600-08 D13-1601-08 D13-1603-08 D13-1604-08	GEAR (IDLER) GEAR (LOAD) GEAR (CENTER) CAM GEAR (UP/DOWN) GEAR (HELICAL)		
119 120 122 123 125	2A 2B, 3B 2B 2B 2B		D13-1765-03 D14-0361-08 D15-0366-08 D16-0363-08 D21-1762-08	GEAR ROLLER (TRAY) PULLEY (LOAD) DRIVE BELT SHAFT (PULLEY)		
126	2A		D13-1763-04	GEAR (MIDDLE)		
132 133 134 135 136	2A, 2B 3B 2A 3A 3A		E35-0811-08 E35-1184-08 E35-1185-08 E35-1186-08 E35-1187-08	3P WIRE 6P WIRE 6P FLAT WIRE 6P WIRE (TU-D) 16P FLAT CABLE		
137 140 141 143	3A 1A 2A 2A		E40-3264-05 F07-0773-08 N19-1441-08 N19-1435-05	CONNECTOR COVER (TRAY) WASHER FLAT WASHER		
145 146 148 149 150	3A 3A 3A 2B 2A		G01-3806-18 G01-3807-18 G01-3663-08 G01-3664-08 G01-3931-08	SPRING (MD-H) SPRING (MD-G) SPRING (CAM) SPRING (LOCK) SPRING (BRAKE)		
151 152 153	2A 1A, 1B 3B		G01-3768-08 G16-0821-04 G16-0856-08	SPRING (LIFT) SHEET (TRAY) FILAMENT TAPE		
155 156 157 158 159	2A 2B 1B 2B 2B, 3B		J02-1133-08 J11-0813-08 J19-3758-08 J19-3660-08 J19-3661-08	INSULATOR CLAMPER BRACKET (CLAMP) BRACKET (GEAR) BRACKET (TRAY)		
160 161 162 163	3B 1A 1A 2A		J61-0081-05 J99-0541-08 J99-0542-08 J90-0844-03	SK BINDER SKB-100 TRAY (SLIDE) TRAY (ROTARY) GUIDE (RAIL)		
L M			N09-2658-08 N09-3053-08	SCREW SCREW		

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N P Q			N09-3107-08 N09-3140-08 N09-3141-08	SCREW SCREW SCREW		
165 166 167	2B 1A, 2A 3A		S33-2061-05 S64-0025-08 S74-0065-05	LEVER SWITCH LEVER SWITCH LEAF SWITCH		MXS00621NLBO
171 DM FM LM PU	1B 3A 3A 3B 3A		T99-0544-05 A11-1114-08 T42-0872-08 T42-0682-08 T25-0050-05	MAGNET T T CHASSIS ASSY FEED MOTOR ASSY MOTOR PULLEY ASSY PICKUP (KCP1H)		
RTM	2B		T42-0683-08	MOTOR WORM ASSY		
CASSETTE MECHANISM (D40-1588-08)						
401 402 403 404 405	1D 2C 1E 2E 1C		A10-3340-08 A10-3350-08 A11-1119-08 D01-0201-08 D01-0202-08	CHASSIS HEAD CHASSIS MECHA BASE ASSY FLYWHEEL ASSY (R) FLYWHEEL ASSY (L)		
406 407 408 409 410	2D 1C 2E 2E 2D		D10-3711-08 D10-3712-08 D10-3717-08 D10-3718-08 D13-1809-08	INTER LOCK ARM (BR)B INTER LOCK ARM (BL)A TRIGGER ARM BRAKE ARM CAM GEAR		
411 412 413 414 415	1E 1D 1C, 2C 1C, 2C 1C, 2E		D13-1810-08 D13-1811-08 D13-1813-08 D13-1814-08 D13-1812-08	IDLER GEAR (REM) IDLER GEAR RETURN GEAR ROTATOR REEL GEAR		
416 417 418 419 420	2D 2C0 1D 2E 2E		D14-0387-08 D14-0388-08 D15-0400-08 D16-0716-08 D16-0717-08	PINCH ASSY (R) PINCH ASSY (L) PULLEY GEAR DRIVE BELT CLUTCH BELT (W)		
421 422 423 424 425	1D 2C 2D 1D, 1E 1E		D19-0306-08 D23-0329-08 D23-0330-08 B30-2409-08 E35-2172-08	CLUTCH ASSY HOUSING ASSY (L) HOUSING ASSY (R) LED 15P FLAT RIBBON WIRE		
427 429 430 431 432	1E 1C, 2D 2E 1D 2C		E35-1818-08 G01-3709-08 G01-3990-08 G01-3991-08 G01-3992-08	MOTOR WIRE B.T SPRING TRIGGER ARM SP CLUTCH ARM SP HERD RETURN SP		
433 434 435 436 437	2D 1C, 2C 1C, 2C 1C 1C, 2D		G01-3993-08 G01-3994-08 G01-3995-08 G01-3996-08 G01-3997-08	HERD CHASSIS SP RETURN GEAR SP EARTH SP INTER LOCK SP (BL) INTER LOCK SP (C)		
438 439 440 441 442	2E 2D 1D 1C, 2C 1C, 2C		G01-3998-08 G01-3999-08 G02-0913-08 G02-1623-08 G11-2100-08	BRAKE ARM SP INTER LOCK SP (BR) PACK SP AZIMUTH PLATE HEAD WIRE CLAMP		

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HOW TO READ THE PARTS LIST

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	ABB.	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
RXD-A900	-	-	P1	-	-	-	-	-	-
RXD-951	-	X1	-	-	-	E1	-	-	I1
RXD-951E	-	-	-	-	-	E2	-	-	-
RXD-951W	-	-	-	-	-	-	-	-	-
RXD-A700	-	X2	P2	-	-	-	-	-	-
RXD-A700E	-	-	-	-	-	E3	-	-	-
RXD-A700W	-	-	-	-	-	-	-	-	-
RXD-V616	-	-	-	-	-	-	-	-	I4
RXD-V818	-	-	-	-	-	-	-	-	I3
RXD-V919	-	-	-	-	-	-	-	-	I2

MODEL	ABB.	Mexico	PX/AAFES	Russia	Scandinavia	Shanghai	USA	Other area
RXD-A900	-	-	-	-	-	-	K1	-
RXD-951	-	-	Y1	Q1	-	-	-	M1
RXD-951	-	-	-	-	-	-	-	M5
RXD-951E	-	-	-	-	-	-	-	-
RXD-951W	-	-	-	-	-	-	-	-
RXD-A700	-	-	-	-	-	-	K2	-
RXD-A700E	-	-	-	-	-	-	-	-
RXD-A700W	-	-	-	Q2	-	-	-	-
RXD-V616	-	-	-	-	-	V4	-	M4
RXD-V818	-	-	-	-	-	V3	-	M3
RXD-V919	-	-	-	-	-	V2	-	M2

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
443	1E		J19-5929-08	CABLE HOLDER		
444	2C		E35-1819-08	HEAD WIRE		
445	2C		E35-1821-08	HEAD WIRE		
446	2D		J21-6473-08	H/D RETURN PLATE		
447	1C, 2C		J21-6474-08	HEAD PLATE		
450	1C, 2C		J31-0877-08	ROTATOR COLLAR		
451	1C, 2C		J39-0200-08	HEAD BASE		
452	1C, 2D		J42-0183-08	REEL BUSH		
453	2E		J69-0086-08	FILAMENT TAPE		
454	2D		J90-0849-08	CASSETTE GUIDE		
455	1C, 2D		D19-0270-08	REEL CAP (A)		
473	1D, 1E		RD14BB2C222J	RESISTOR 2.2ohm		
475	1E		S74-0033-08	REC SWITCH		
476	1E		S74-0042-08	PLAY SWITCH		
479	1E		T42-0919-08	MOTOR ASSY		
480	1E		T94-0239-08	SOLENOID ASSY		
481	1E		T95-0154-08	PHOTO INTERRUPTER		
CA			N09-3372-08	HEAD SCREW		
CB			N09-1497-08	TAP TITE SCREW 2X5		
CC			N09-3384-08	TAPPING SCREW 1.7X8		
CD			N09-2877-08	TAPTITE SCREW 2X4		
CE			N09-2900-08	BIND TAPPING SCREW 2X6		
CF			N35-2604-08	BINDING SCREW 2.6X4		
CG			N09-3112-08	AZIMUTH SCREW		
CH			N09-3371-08	SCREW (CAM)		
CJ			N19-1439-08	POLY MASHER 4X7X.04CUT		
CK			N19-1355-08	NYLON WASHER 1.9X5X0.5		
CL			N19-1354-08	NYLON WASHER 2.19X5.5X0.5		
CM			N19-1387-08	TEFLON WASHER 4.1X5.5X0.25		
CN			N19-1384-08	POLY WASHER 2.1X5X0.25		
CP			N19-1388-08	POLY WASHER 1.57X4X0.5CUT		
CQ			N19-1385-08	POLY WASHER 2.3X4X0.25		
CR			N09-3366-08	SCREW (INTER LOCK)		
CS			N19-1316-08	POLY WASHER 1.8X6X0.5CUT		
CT			N19-1288-08	POLY WASHER 1.57X5X0.5CUT		
CU			N09-0832-08	TAPTITE SCREW 2.6X6		
PH	1C		T31-0077-08	POTATION HEAD		
RPEH	2C		T34-0352-08	ROTATION HEAD (RP) KC9142		

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PARTS LIST

RXD-951/A700/A900/V616/V818/V919

SPECIFICATIONS

RXD-951/A900

Main unit

[Amplifier section]

Rated output power during STEREO operation
(U.S.A. and Canada)

100 watts per channel minimum RMS, both channels driven, at 6 Ω
form 14 Hz to 14 kHz with no more than 0.9 % total harmonic distortion. (FTC)

(Europe, U.K. and Russia)	
(DIN) 1 kHz, 0.7 % T.H.D., 6 Ω	
Two channels driven	100 W + 100 W
(Other countries)	
1 kHz, 1.0 % T.H.D., 6 Ω	
Two channels driven	115 W + 115 W
Effective output power during STEREO operation	
(Except for U.S.A. and Canada)	
FRONT (1 kHz, 10 % T.H.D., 6 Ω)	135 W + 135 W
Effective output power during SURROUND operation	
(Except for U.S.A. and Canada)	
FRONT (1 kHz, 10 % T.H.D., 6 Ω)	100 W + 100 W
One channel driven	100 W + 100 W
SUB WOOFER (60 Hz, 10 % T.H.D., 12 Ω // 12 Ω)	
One channel driven	100 W + 100 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω)	100 W
One channel driven	100 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω // 12 Ω)	
One channel driven	100 W + 100 W
Signal to noise ratio	
AUX	90 dB
Input sensitivity / impedance	
AUX	270 mV / 47 kΩ
MIC 1, 2 (Except for some areas)	1.6 mV / 22 kΩ
Output level / impedance	
AUX (Except for U.S.A. and Canada)	1.2 V / 1 kΩ

[Tuner section]

FM tuner section	
Tuning frequency range	87.5 MHz ~ 108 MHz
(For Russia)	65.0 MHz ~ 74.0 MHz
MW (AM) Tuner section	
Tuning frequency range	
(Europe, U.K. and Russia)	531 kHz ~ 1,602 kHz
(Other countries)	
9 kHz step	531 kHz ~ 1,602 kHz
10 kHz step	530 kHz ~ 1,610 kHz
(U.S.A. and Canada)	530 kHz ~ 1,700 kHz
LW tuner section (For the United Kingdom and Russia)	
Tuning frequency range	153 kHz ~ 279 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	2
Fast winding time	Approx. 115 seconds
(C-60 tape)	

[CD player section]

Laser	Semiconductor laser
Wow & Flutter	Less than unmeasurable Limit
(Except for U.S.A. and Canada)	
Digital output	- 15 dBm ~ - 21 dBm
(Wave length 660 nm)	

[General]

Power consumption	200 W
Dimensions	W: 280 mm (11")
	H: 332 mm (13-1/16")
	D: 350 mm (13-3/4")
Weight (net)	11.8kg (26.0 lb)

RXD-A700

Main unit

[Amplifier section]

Rated output power during STEREO operation
(U.S.A. and Canada)

70 watts per channel minimum RMS, both channels driven, at 6 Ω
form 40 Hz to 14 kHz with no more than 0.9 % total harmonic distortion.

(Other countries)	
1 kHz, 1.0 % T.H.D., 6 Ω	
Two channels driven	85 W + 85 W
Effective output power during STEREO operation	
(Except for U.S.A. and Canada)	
FRONT (1 kHz, 10 % T.H.D., 6 Ω)	100 W + 100 W
Effective output power during SURROUND operation	
(Except for U.S.A. and Canada)	
FRONT (1 kHz, 10 % T.H.D., 6 Ω)	70 W + 70 W
One channel driven	70 W + 70 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω)	30 W
One channel driven	30 W + 30 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω // 12 Ω)	
One channel driven	30 W + 30 W
Signal to noise ratio	
AUX	90 dB
Input sensitivity / impedance	
AUX	240 mV / 47 kΩ
Output level / impedance	
AUX (Except for U.S.A. and Canada)	1.2 V / 1 kΩ
SUPER WOOFER PREOUT	1.8 V / 600 Ω

[Tuner section]

FM tuner section	
Tuning frequency range	87.5 MHz ~ 108 MHz
(For Russia)	65.0 MHz ~ 74.0 MHz
MW (AM) Tuner section	
Tuning frequency range	
(Europe, U.K. and Russia)	531 kHz ~ 1,602 kHz
(Other countries)	
9 kHz step	531 kHz ~ 1,602 kHz
10 kHz step	530 kHz ~ 1,610 kHz
(U.S.A. and Canada)	530 kHz ~ 1,700 kHz
LW tuner section (For the United Kingdom and Russia)	
Tuning frequency range	153 kHz ~ 279 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	2
Fast winding time	Approx. 115 seconds
(C-60 tape)	

[CD player section]

Laser	Semiconductor laser
Wow & Flutter	Less than unmeasurable Limit
(Except for U.S.A. and Canada)	
Digital output	- 15 dBm ~ - 21 dBm
(Wave length 660 nm)	

[General]

Power consumption	190 W
Dimensions	W: 280 mm (11")
	H: 332 mm (13-1/16")
	D: 350 mm (13-3/4")
Weight (net)	11.7kg (25.7 lb)



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be possible at very low temperatures (0°C or less).

SPECIFICATIONS

RXD-V919/V818

Main unit

[Amplifier section]

Rated output power during STEREO operation	
1 kHz, 1.0 % T.H.D., 6 Ω	
Two channels driven	115 W + 115 W
Effective output power during STEREO operation	
1 kHz, 10 % T.H.D., 6 Ω	
Two channels driven	135 W + 135 W
Effective output power during SURROUND operation	
(For only XD-V919)	
FRONT (1 kHz, 10 % T.H.D., 6 Ω)	
One channel driven	100 W + 100 W
SUB WOOFER (60 Hz, 10 % T.H.D., 12 Ω / 12 Ω)	
One channel driven	100 W + 100 W
CENTER (1 kHz, 10 % T.H.D., 6 Ω)	
One channel driven	100 W
SURROUND (1 kHz, 10 % T.H.D., 12 Ω / 12 Ω)	
One channel driven	100 W + 100 W

Signal to noise ratio	
AUX	90 dB
Input sensitivity / impedance	
AUX	270 mV / 47 kΩ
Output level / impedance	
AUX	1.2 V / 1 kΩ

[Tuner section]

FM tuner section	
Tuning frequency range	87.5 MHz ~ 108 MHz
MW (AM) Tuner section	
Tuning frequency range	
9 kHz step	531 kHz ~ 1,602 kHz
10 kHz step	530 kHz ~ 1,610 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	2
Fast winding time	Approx. 115 seconds (C-60 tape)

[CD player section]

Laser	Semiconductor laser
Wow & Flutter	Less than unmeasurable Limit
Digital output	- 15 dBm ~ - 21 dBm (Wave length 660 nm)

[General]

Power consumption	(XD-V919)	230 W
	(XD-V818)	210 W
Dimensions	W: 280 mm	(11")
	H: 332 mm	(13-1/16")
	D: 350 mm	(13-3/4")
Weight (net)		11.8 kg (26.0 lb)

RXD-V616

Main unit

[Amplifier section]

Rated output power during STEREO operation	
1 kHz, 1.0 % T.H.D., 6 Ω	85 W + 85 W
Effective output power during STEREO operation	
kHz, 10 % T.H.D., 6 Ω	100 W + 100 W
Signal to noise ratio	
AUX	90 dB
Input sensitivity / impedance	
AUX	240 mV / 47 kΩ
Output level / impedance	
AUX	1.2 V / 1 kΩ
SUPER WOOFER PRE OUT	1.8 V / 600 Ω

[Tuner section]

FM tuner section	
Tuning frequency range	87.5 MHz ~ 108 MHz
MW (AM) Tuner section	
Tuning frequency range	
9 kHz step	531 kHz ~ 1,602 kHz
10 kHz step	530 kHz ~ 1,610 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	2
Fast winding time	Approx. 115 seconds (C-60 tape)

[CD player section]

Laser	Semiconductor laser
Wow & Flutter	Less than unmeasurable Limit
Digital output	- 15 dBm ~ - 21 dBm (Wave length 660 nm)

[General]

Power consumption	200 W	
Dimensions	W: 280 mm	(11")
	H: 332 mm	(13-1/16")
	D: 350 mm	(13-3/4")
Weight (net)		11.7kg (25.7 lb)



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RXD-951/A700/A900/V616/V818/V919

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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