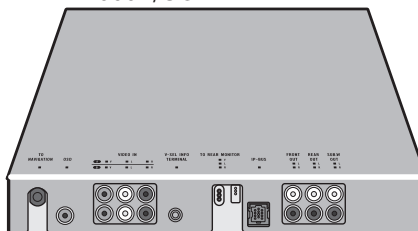


Service Manual

Pioneer

AVM-P7000R/UC



ORDER NO.
CRT2383

AUDIO VISUAL MASTER UNIT

AVM-P7000R UC

AVM-P7000R EW

AVM-P7000 ES

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PIONEER ELECTRONIC CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153-8654, Japan
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K-ZZD. MAY 1999 Printed in Japan

1. SAFETY INFORMATION(AVM-P7000R/UC)

CAUTION

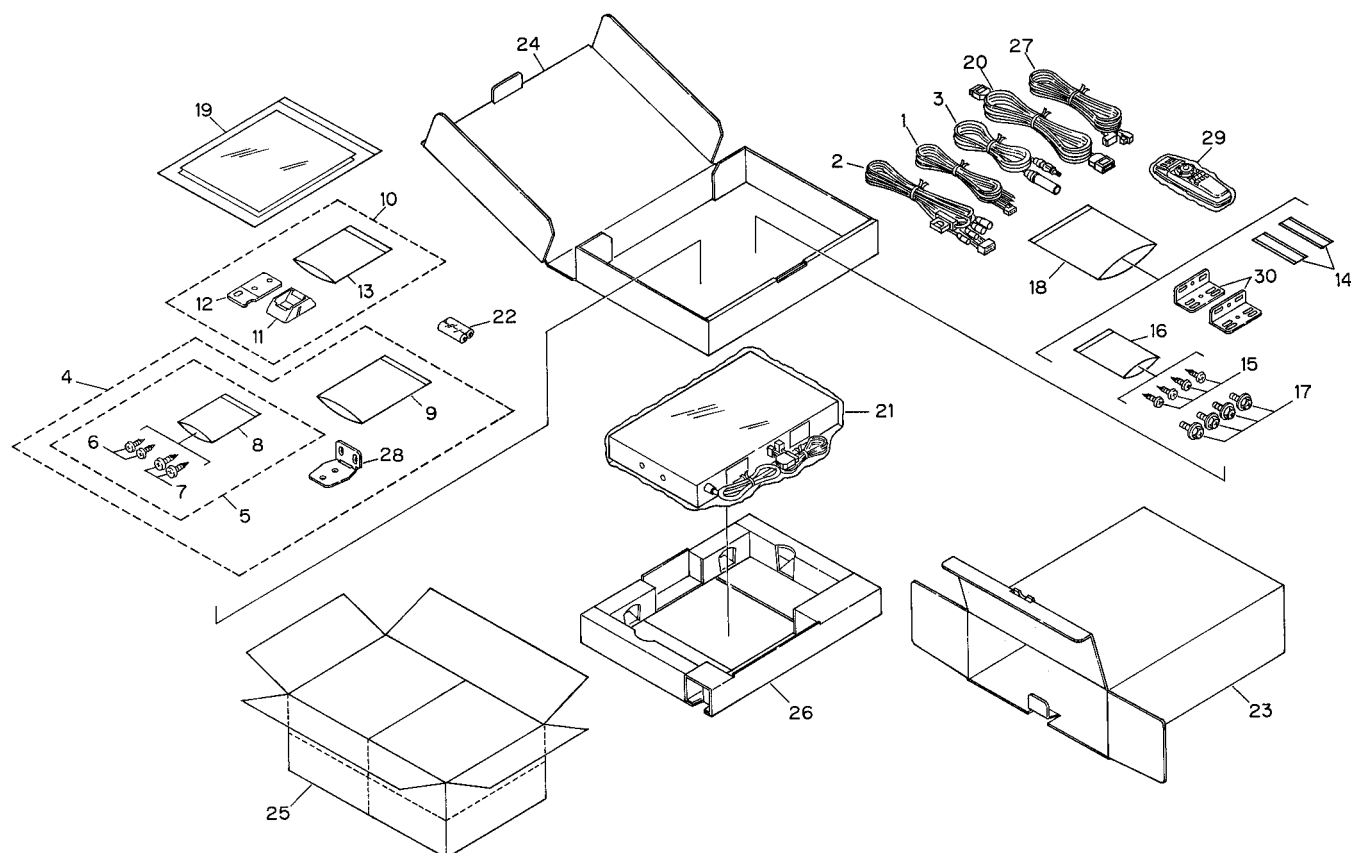
This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely; you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.
Health & Safety Code Section 25249.6 - Proposition 65

2. EXPLODED VIEWS AND PARTS LIST

2.1 PACKING(AVM-P7000R/UC)



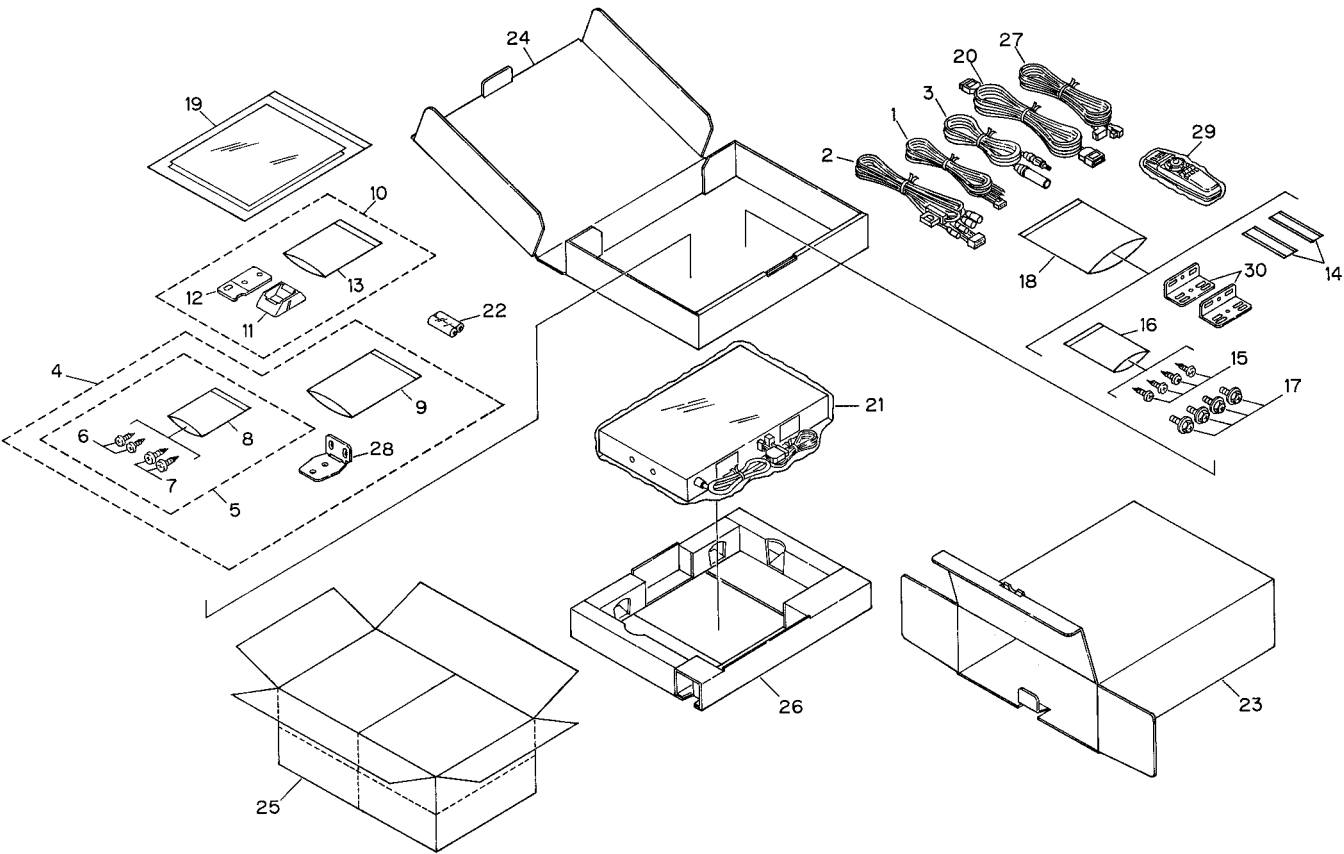
NOTE:

- Parts marked by "*" are generally unavailable because they are not in our Master Spare Parts List.
- Screws adjacent to ▽ mark on the product are used for disassembly.

● PACKING SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Cord	CDE5905		(English, French)	
2	Cord Assy	CDE5904	19-3	Installation Manual	CRD2989
3	Antenna Cable	CDH1248		(English, French)	
4	Bracket Assy	CEA2346	* 19-4	Card	ARY1048
5	Screw Assy	CZE3198	20	Cord Assy	CDE5908
6	Screw	BPZ30P100FZK	21	Polyethylene Bag	CEG1181
7	Screw	BNC40P120FZK	22	Battery	CEX1006
* 8	Polyethylene Bag	CEG-127	23	Carton	CHG3783
* 9	Polyethylene Bag	CZE3201	24	Sub Carton	CHG3786
10	Base Assy	CEA2426	25	Contain Box	CHL3783
* 11	Base	CNS5031	26	Protector	CHP2153
* 12	Sheet	CZA3371	27	Cord Assy	CDE6016
13	Polyethylene Bag	CZE3188	28	Bracket	CZN6467
14	Fastener	CNM3728	29	Remote Control Assy	CXB4137
15	Screw	BNC40P120FZK	30	Angel	CNB2351
* 16	Polyethylene Bag	CEG1158			
17	Screw	HMF40P080FZK			
* 18	Polyethylene Bag	CEG1101			
19-1	Polyethylene Bag	CEG1116			
19-2	Owner's Manual	CRD2988			

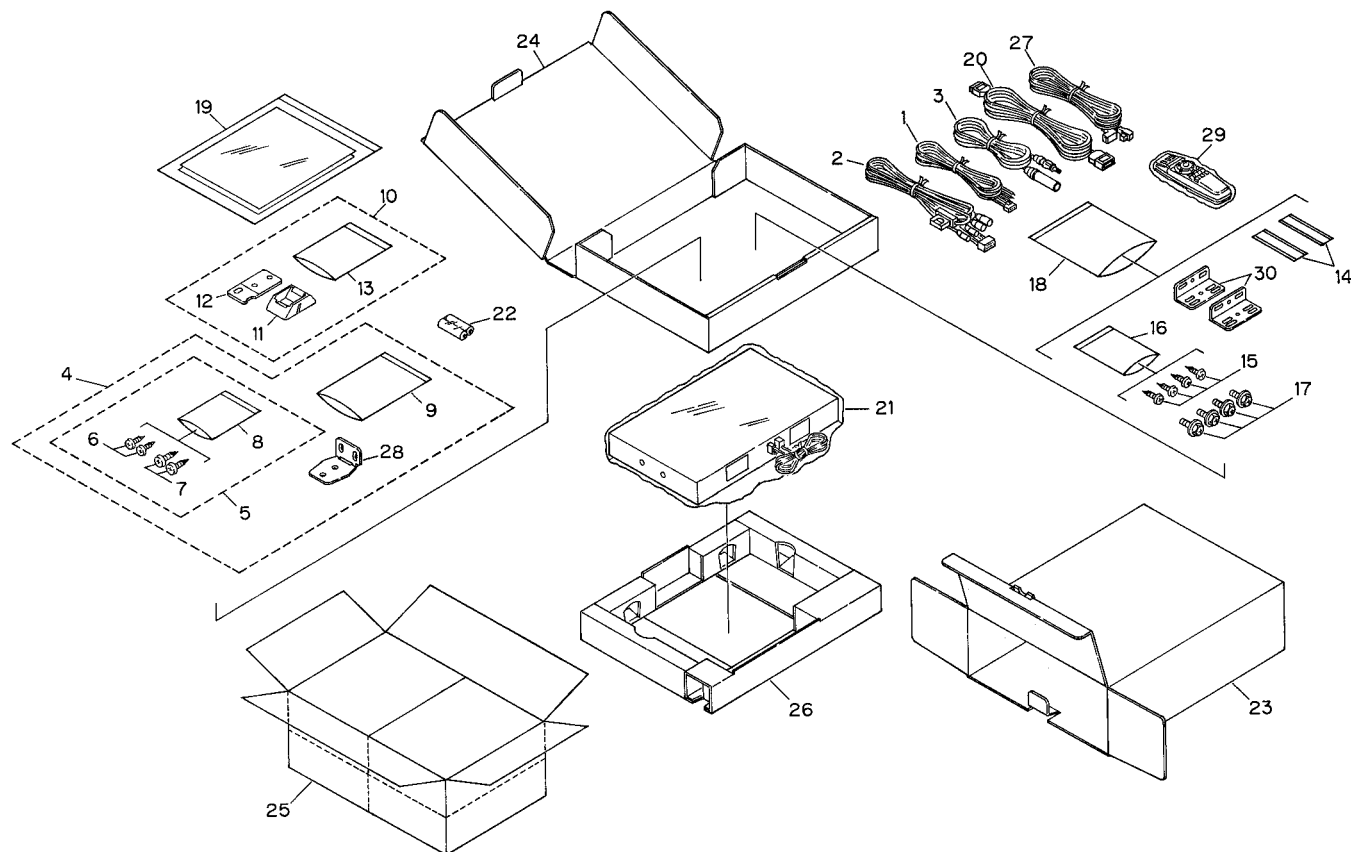
2.2 PACKING(AVM-P7000R/EW)



● PACKING SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Cord	CDE5905		(English, Spanish)	
2	Cord Assy	CDE5962	19-3	Owner's Manual	CRD2991
3	Antenna Cord	CDH1265		(German, French)	
4	Bracket Assy	CEA2346	19-4	Owner's Manual	CRD2992
5	Screw Assy	CZE3198		(Italian, Dutch)	
6	Screw	BPZ30P100FZK	19-5	Installation Manual	CRD2993
7	Screw	BNC40P120FZK		(English, Spanish)	
* 8	Polyethylene Bag	CEG-127	19-6	Installation Manual	CRD2994
* 9	Polyethylene Bag	CZE3201		(German, French)	
10	Base Assy	CEA2426	19-7	Installation Manual	CRD2995
* 11	Base	CNS5031		(Italian, Dutch)	
* 12	Sheet	CZA3371	* 19-8	Warranty Card	CRY1087
13	Polyethylene Bag	CZE3188	20	Cord Assy	CDE5908
14	Fastener	CNM3728	21	Cover	CEG1057
15	Screw	BNC40P120FZK	22	Battery	CEX1006
* 16	Polyethylene Bag	CEG1158	23	Carton	CHG3784
17	Screw	HMF40P080FZK	24	Sub Carton	CHG3786
* 18	Polyethylene Bag	CEG1101	25	Contain Box	CHL3784
19-1	Polyethylene Bag	CEG1116	26	Protector	CHP2153
19-2	Owner's Manual	CRD2990	27	Cord Assy	CDE6016
			28	Bracket	CZN6467
			29	Remote Control Assy	CXB4138
			30	Angel	CNB2351

2.3 PACKING(AVM-P7000/ES)

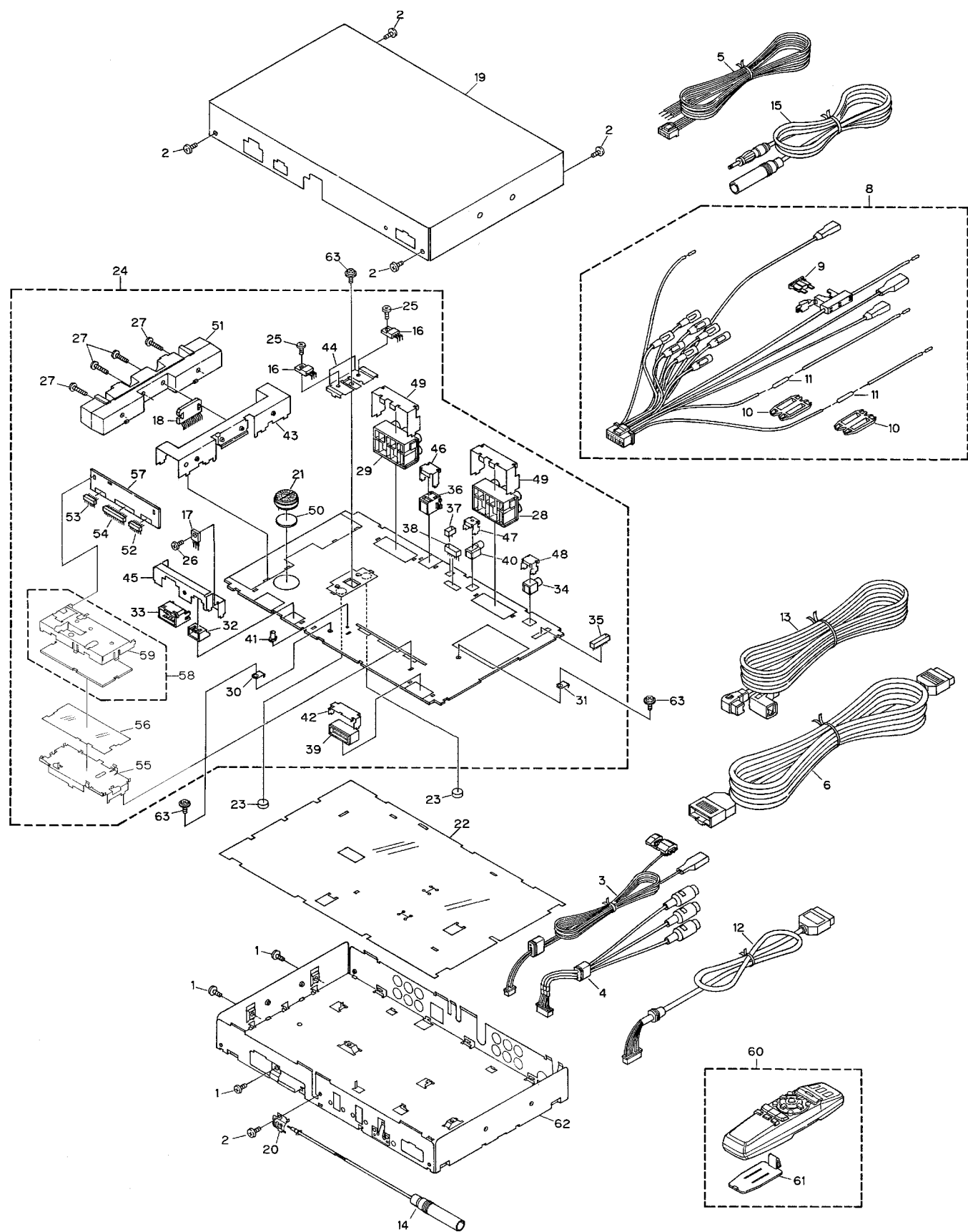


● PACKING SECTION PARTS LIST

Mark No.	Description	Part No.
1	Cord	CDE5905
2	Cord Assy	CDE5904
3	Antenna Cable	CDH1248
4	Bracket Assy	CEA2346
5	Screw Assy	CZE3198
6	Screw	BPZ30P100FZK
7	Screw	BNC40P120FZK
*	8 Polyethylene Bag	CEG-127
*	9 Polyethylene Bag	CZE3201
10	Base Assy	CEA2426
*	11 Base	CNS5031
*	12 Sheet	CZA3371
	13 Polyethylene Bag	CZE3188
	14 Fastener	CNM3728
	15 Screw	BNC40P120FZK
*	16 Polyethylene Bag	CEG1158
	17 Screw	HMF40P080FZK
*	18 Polyethylene Bag	CEG1101
	19-1 Polyethylene Bag	CEG1116
	19-2 Owner's Manual	CRD2996

Mark No.	Description	Part No.
19-3	(English, Spanish) Installation Manual	CRD2998
20	Cord Assy	CDE5908
21	Cover	CEG1057
22	Battery	CEX1006
23	Carton	CHG3785
24	Sub Carton	CHG3786
25	Contain Box	CHL3785
26	Protector	CHP2153
27	Cord Assy	CDE6016
28	Bracket	CZN6467
29	Remote Control Assy	CXB4139
30	Angel	CNB2351

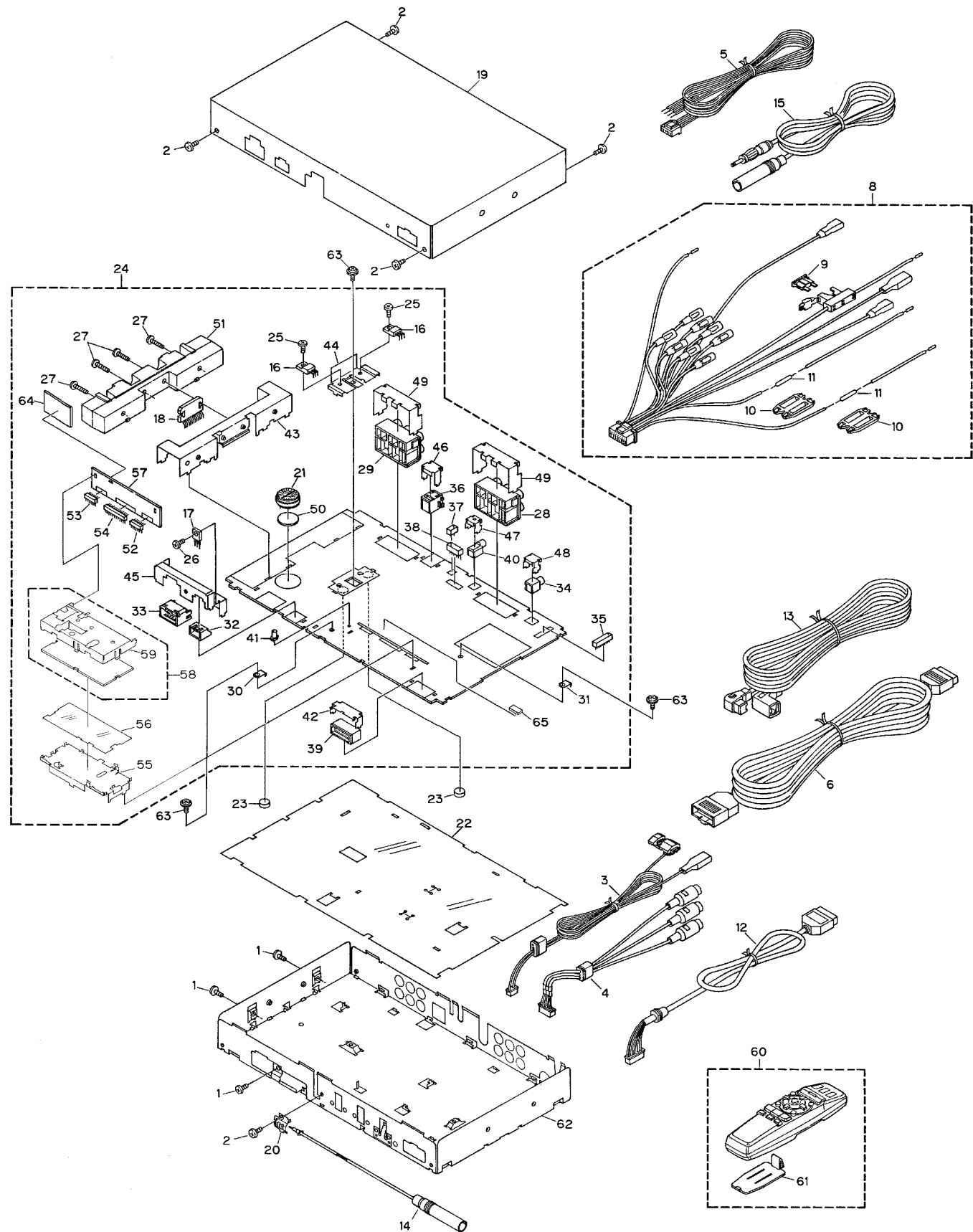
2.4 EXTERIOR(AVM-P7000R/UC)



● EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	BSZ30P060FMC	36	Connector(CN102)	CKS3414
2	Screw	BSZ30P060FZK	37	Connector(CN961)	CKS3582
3	Cord Assy	CDE5581	38	Connector(CN1201)	CKS3586
4	Cord Assy	CDE5901	39	Connector(CN1101)	CKS3644
5	Cord Assy	CDE5905	40	Connector(CN1053)	CKS4124
6	Cord Assy	CDE5908	41	Mini Pin Jack(CN503)	CKX1046
7	.....		42	Holder	CNC7047
8	Cord Assy	CDE5904	43	Holder	CNC7630
9	Fuse(10A)	CEK1136	44	Holder	CNC7634
10	Cap	CNS1472	45	Holder	CNC7635
11	Resistor	RS1/2PMF102J	46	Holder	CNC7838
12	Cord Assy	CDE6014	47	Holder	CNC8205
13	Cord Assy	CDE6016	48	Holder	CNC8273
14	Antenna Cord	CDH1259	49	Holder	CNC8274
15	Antenna Cable	CDH1248	50	Insulator	CNM3634
16	Transistor(Q881,941)	2SD2396	51	Heat Sink	CNR1472
17	Transistor(Q891)	2SD2343	52	Plug(CN504)	CKS1616
18	IC(IC171)	PAL005A	53	Plug(CN505)	CKS1616
19	Case	CNB2462	54	Plug(CN502)	CKS1622
20	Holder	CNC4709	55	Holder	CNC8272
21	Coil(L901)	CTH1170	56	Insulator	CNM5967
22	Insulator	CNM6422	* 57	Gathering PCB	CNX3050
23	Spacer	CNM6437	58	FM/AM Tuner Unit	CWE1501
24	Tuner Amp Unit	CWM6335	59	Holder	CNC7532
25	Screw	BMZ26P060FUC	60	Remote Control Assy	CXB4137
26	Screw	BSZ26P080FZK	61	Battery Cover	CNS5032
27	Screw	BSZ26P160FMC	62	Chassis Unit	CXB4275
28	Pin Jack(CN1051)	CKB1037	63	Screw	ISS26P055FUC
29	Pin Jack(CN351)	CKB1038			
30	Terminal(CN506)	CKF1059			
31	Terminal(CN1301)	CKF1059			
32	Plug(CN131)	CKM1131			
33	Plug(CN901)	CKM1278			
34	Pin Jack(CN1202)	CKS1825			
35	Plug(CN1001)	CKS3282			

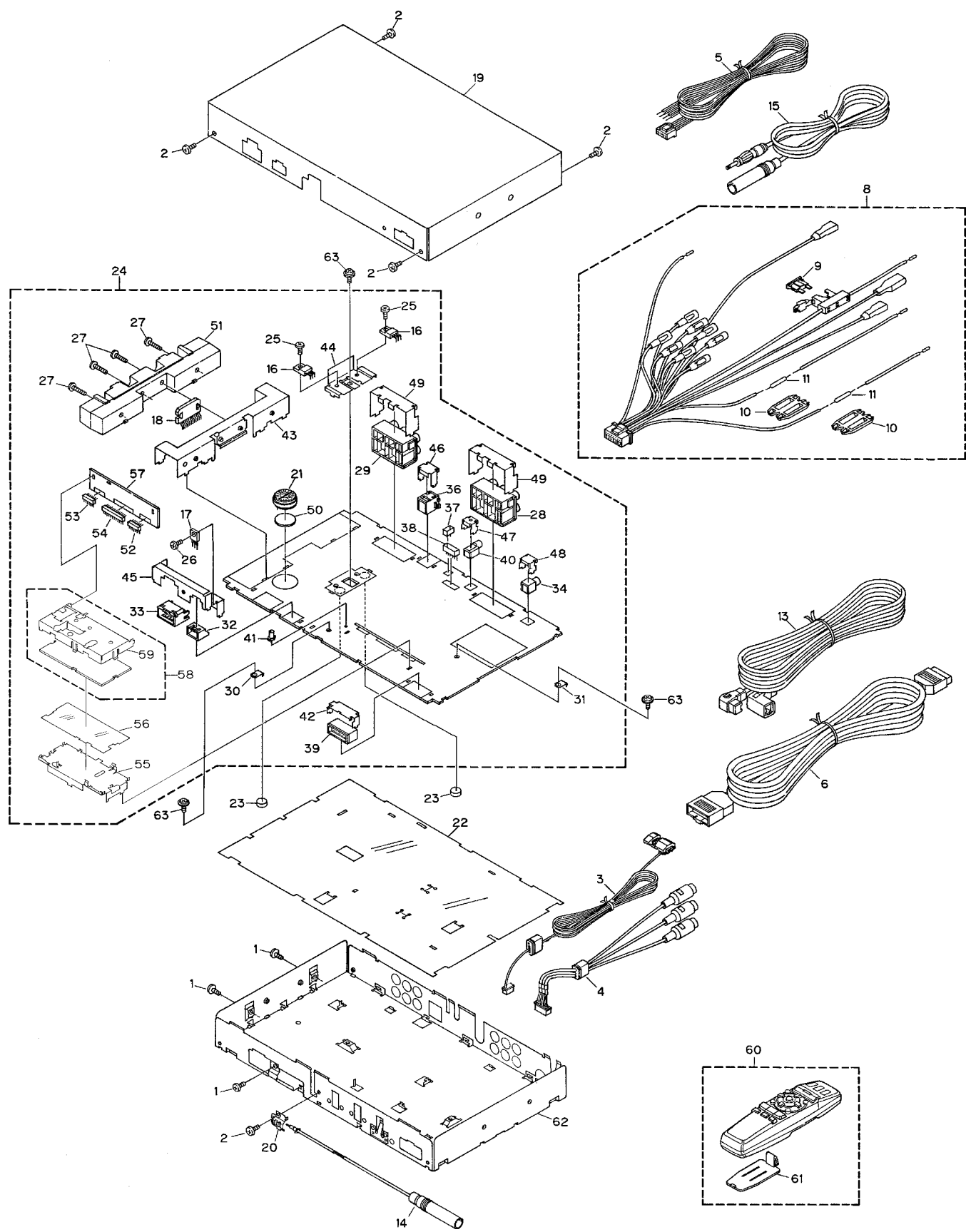
2.5 EXTERIOR(AVM-P7000R/EW)



● EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	BSZ30P060FMC	36	Connector(CN102)	CKS3414
2	Screw	BSZ30P060FZK	37	Connector(CN961)	CKS3582
3	Cord Assy	CDE5581	38	Connector(CN1201)	CKS3586
4	Cord Assy	CDE5901	39	Connector(CN1101)	CKS3644
5	Cord Assy	CDE5905	40	Connector(CN1053)	CKS4124
6	Cord Assy	CDE5908	41	Mini Pin Jack(CN503)	CKX1046
7	.....		42	Holder	CNC7047
8	Cord Assy	CDE5962	43	Holder	CNC7630
9	Fuse(10A)	CEK1136	44	Holder	CNC7634
10	Cap	CNS1472	45	Holder	CNC7635
11	Resistor	RS1/2PMF102J	46	Holder	CNC7838
12	Cord Assy	CDE6014	47	Holder	CNC8205
13	Cord Assy	CDE6016	48	Holder	CNC8273
14	Antenna Cord	CDH1259	49	Holder	CNC8274
15	Antenna Cord	CDH1265	50	Insulator	CNM3634
16	Transistor(Q881,941)	2SD2396	51	Heat Sink	CNR1472
17	Transistor(Q891)	2SD2343	52	Plug(CN504)	CKS1616
18	IC(IC171)	PAL005A	53	Plug(CN505)	CKS1616
19	Case	CNB2462	54	Plug(CN502)	CKS1622
20	Holder	CNC4709	55	Holder	CNC8272
21	Coil(L901)	CTH1170	56	Insulator	CNM5967
22	Insulator	CNM6422	* 57	Gathering PCB	CNX3050
23	Spacer	CNM6437	58	FM/AM Tuner Unit	CWE1500
24	Tuner Amp Unit	CWM6334	59	Holder	CNC7532
25	Screw	BMZ26P060FUC	60	Remote Control Assy	CXB4138
26	Screw	BSZ26P080FZK	61	Battery Cover	CNS5032
27	Screw	BSZ26P160FMC	62	Chassis Unit	CXB4275
28	Pin Jack(CN1051)	CKB1037	63	Screw	ISS26P055FUC
29	Pin Jack(CN351)	CKB1038	64	Insulator	CNM6035
30	Terminal(CN506)	CKF1059	65	Insulator	CNM6038
31	Terminal(CN1301)	CKF1059			
32	Plug(CN131)	CKM1131			
33	Plug(CN901)	CKM1278			
34	Pin Jack(CN1202)	CKS1825			
35	Plug(CN1001)	CKS3282			

2.6 EXTERIOR(AVM-P7000/ES)

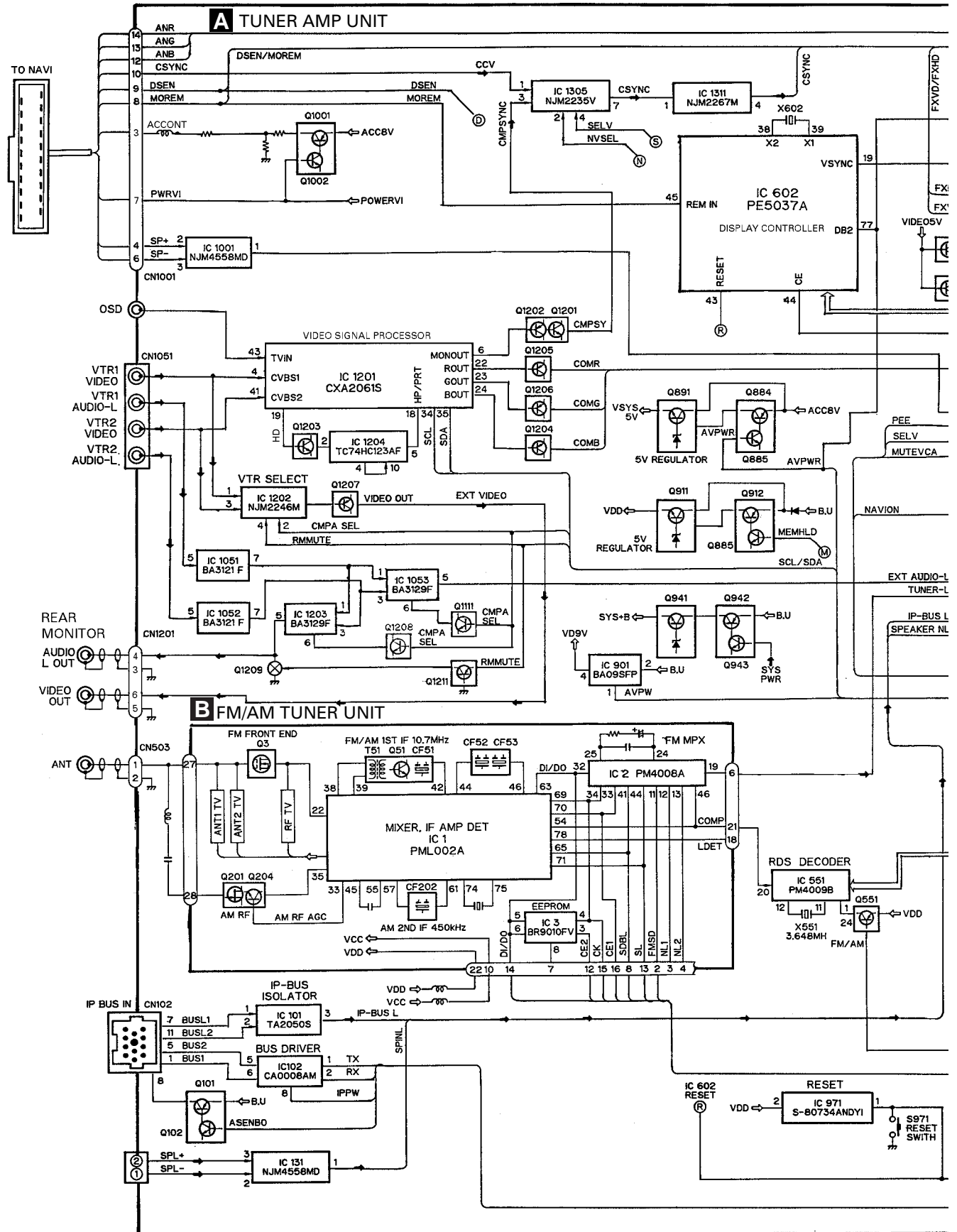


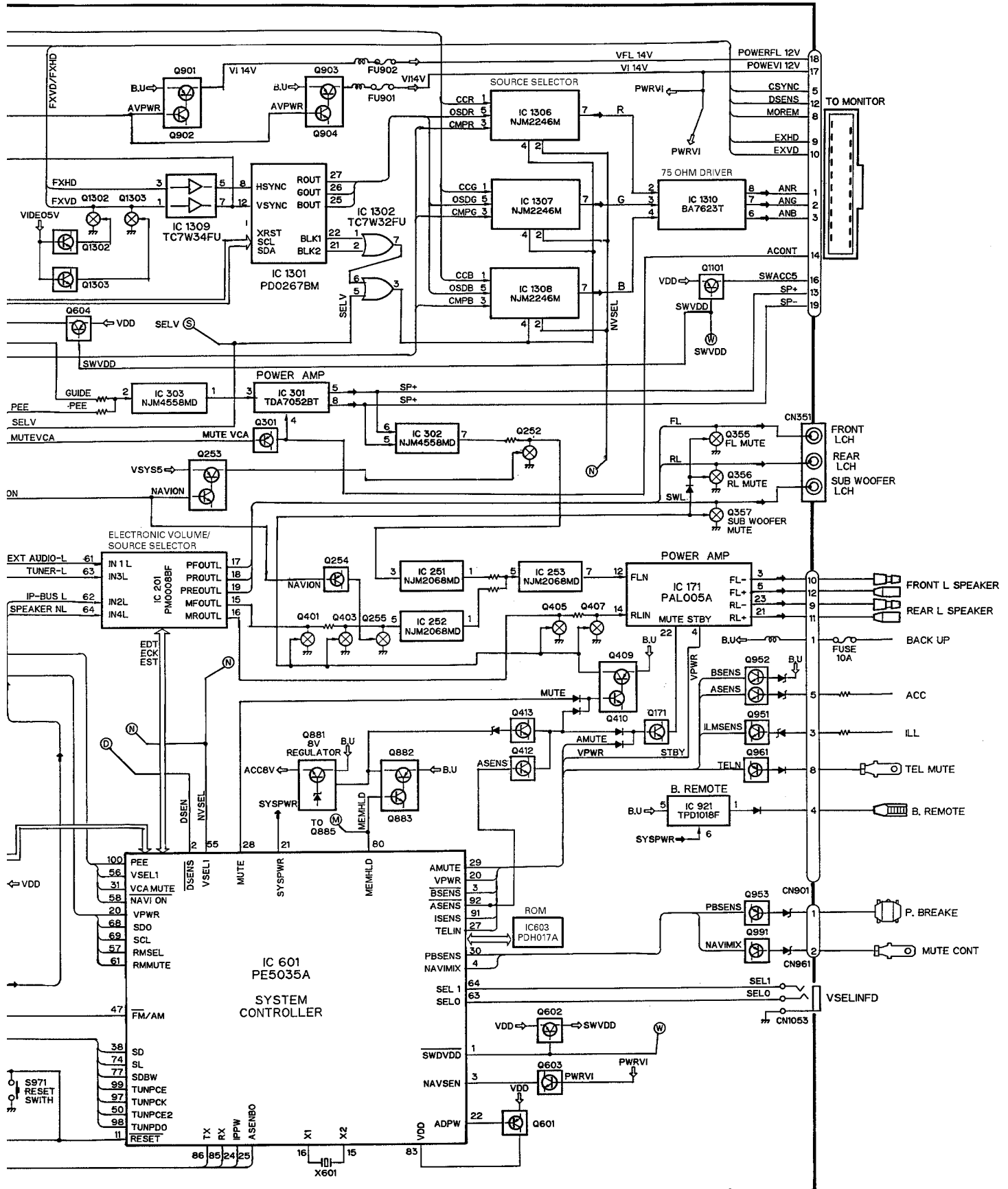
● EXTERIOR SECTION PARTS LIST

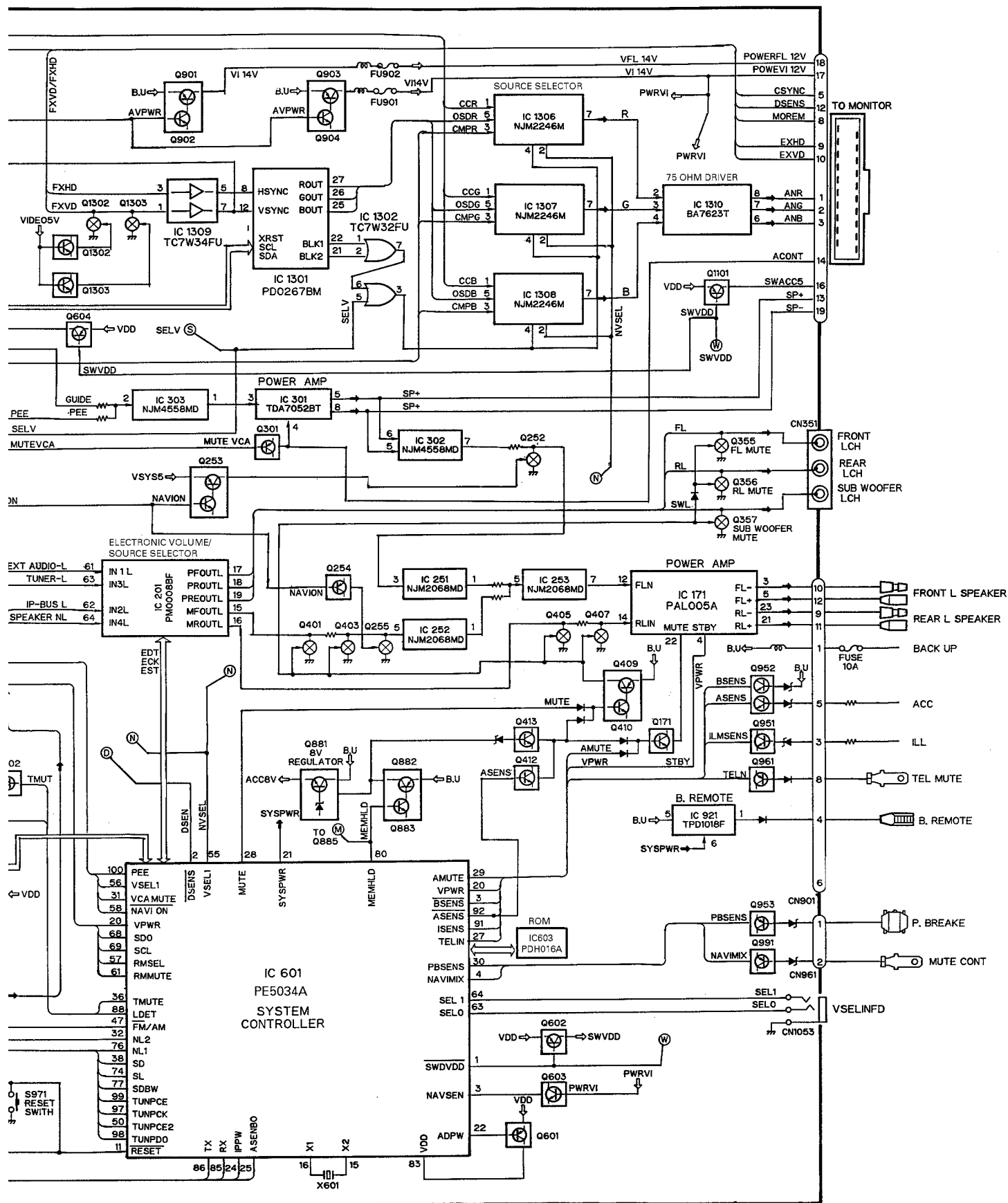
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	BSZ30P060FMC	36	Connector(CN102)	CKS3414
2	Screw	BSZ30P060FZK	37	Connector(CN961)	CKS3582
3	Cord Assy	CDE6015	38	Connector(CN1201)	CKS3586
4	Cord Assy	CDE5901	39	Connector(CN1101)	CKS3644
5	Cord Assy	CDE5905	40	Connector(CN1053)	CKS4124
6	Cord Assy	CDE5908	41	Mini Pin Jack(CN503)	CKX1046
7	.....		42	Holder	CNC7047
8	Cord Assy	CDE5904	43	Holder	CNC7630
9	Fuse(10A)	CEK1136	44	Holder	CNC7634
10	Cap	CNS1472	45	Holder	CNC7635
11	Resistor	RS1/2PMF102J	46	Holder	CNC7838
12	.....		47	Holder	CNC8205
13	Cord Assy	CDE6016	48	Holder	CNC8273
14	Antenna Cord	CDH1259	49	Holder	CNC8274
15	Antenna Cable	CDH1248	50	Insulator	CNM3634
16	Transistor(Q881,941)	2SD2396	51	Heat Sink	CNR1472
17	Transistor(Q891)	2SD2343	52	Plug(CN504)	CKS1616
18	IC(IC171)	PAL005A	53	Plug(CN505)	CKS1616
19	Case	CNB2464	54	Plug(CN502)	CKS1622
20	Holder	CNC4709	55	Holder	CNC8272
21	Coil(L901)	CTH1170	56	Insulator	CNM5967
22	Insulator	CNM6422	* 57	Gathering PCB	CNX3050
23	Spacer	CNM6437	58	FM/AM Tuner Unit	CWE1501
24	Tuner Amp Unit	CWM6337	59	Holder	CNC7532
25	Screw	BMZ26P060FUC	60	Remote Control Assy	CXB4139
26	Screw	BSZ26P080FZK	61	Battery Cover	CNS5032
27	Screw	BSZ26P160FMC	62	Chassis Unit	CXB4275
28	Pin Jack(CN1051)	CKB1037	63	Screw	ISS26P055FUC
29	Pin Jack(CN351)	CKB1038			
30	Terminal(CN506)	CKF1059			
31	Terminal(CN1301)	CKF1059			
32	Plug(CN131)	CKM1131			
33	Plug(CN901)	CKM1278			
34	Pin Jack(CN1202)	CKS1825			
35	.....			

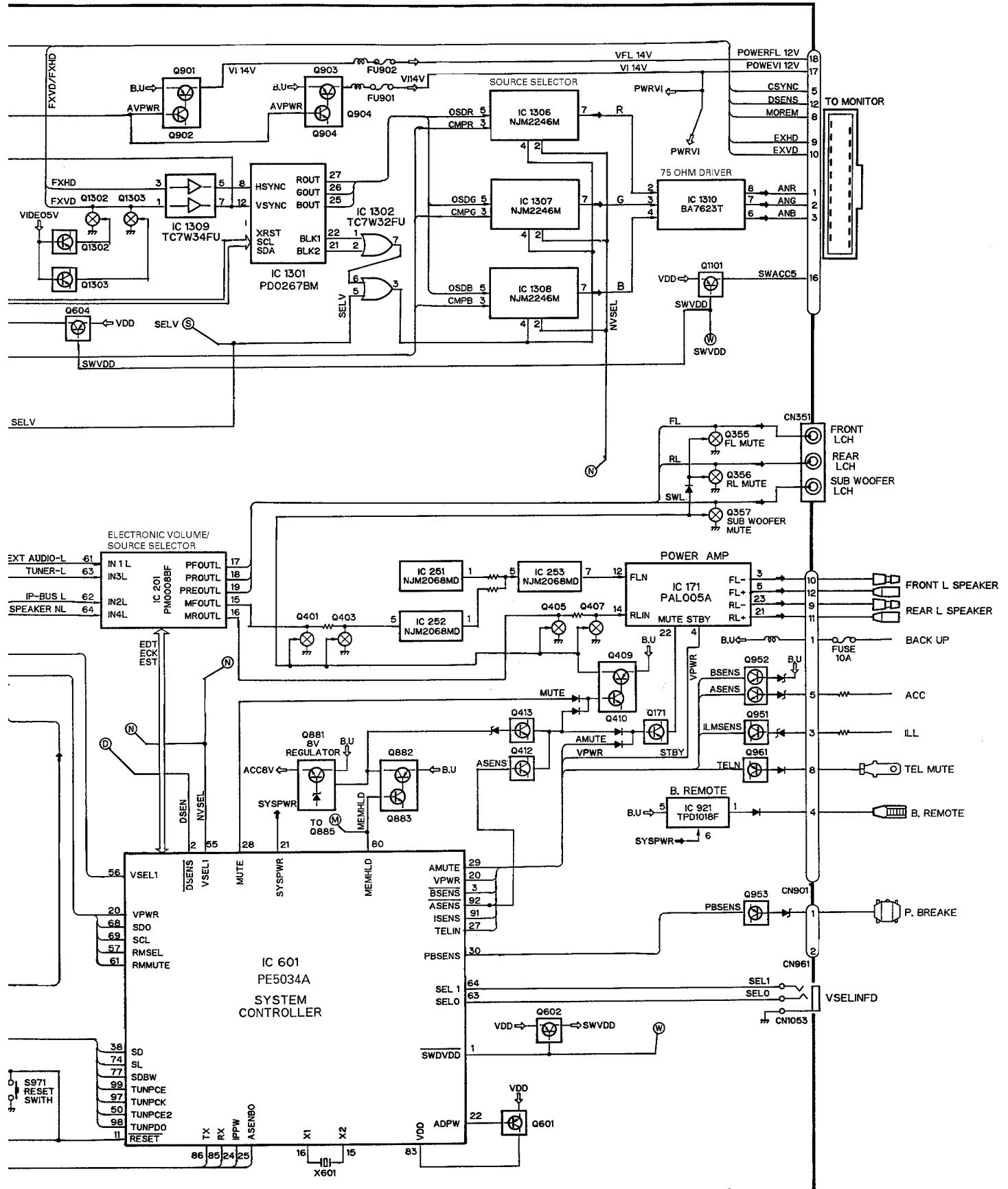
3. SCHEMATIC DIAGRAM

3.1 BLOCK DIAGRAM(AVM-P7000R/UC)

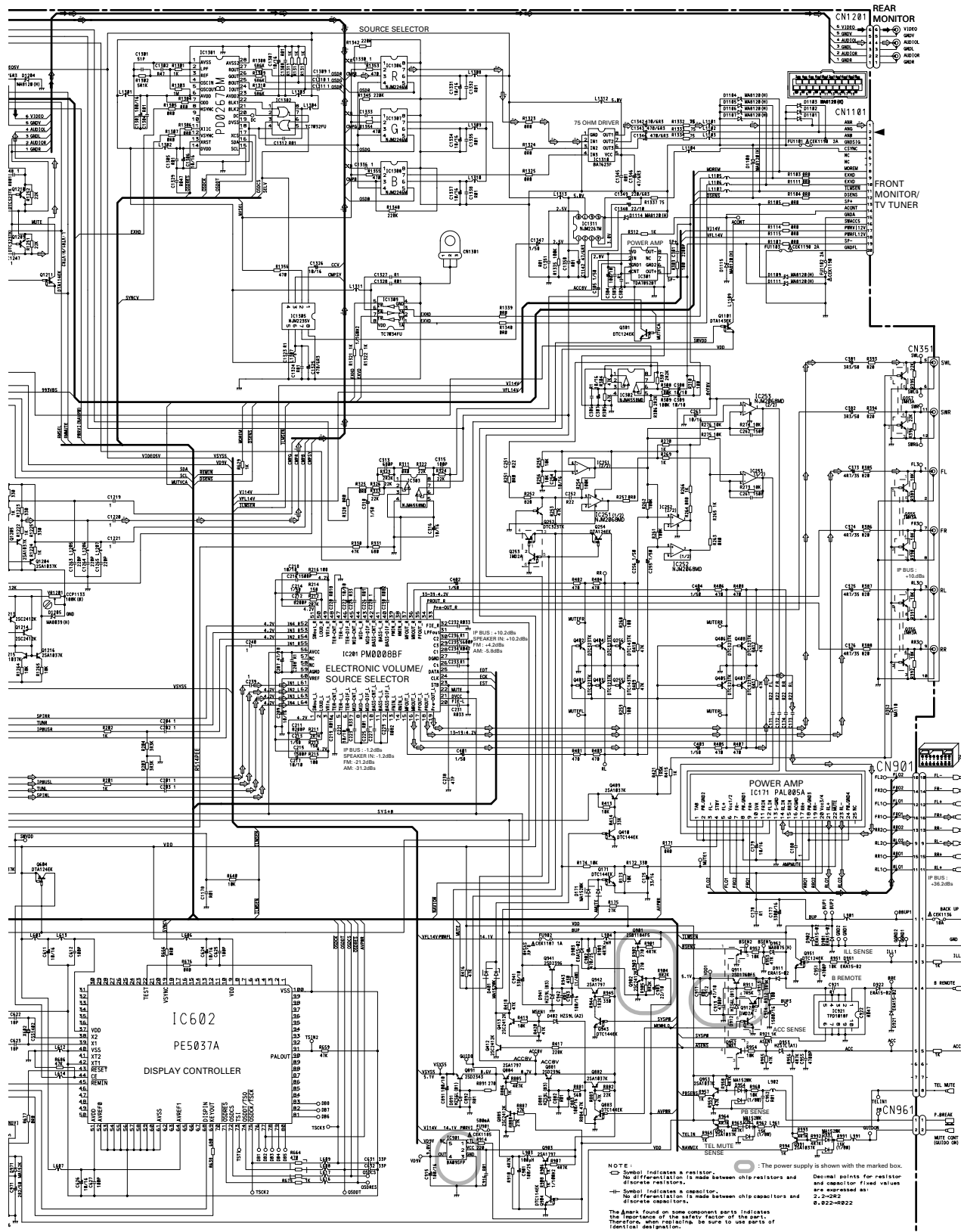




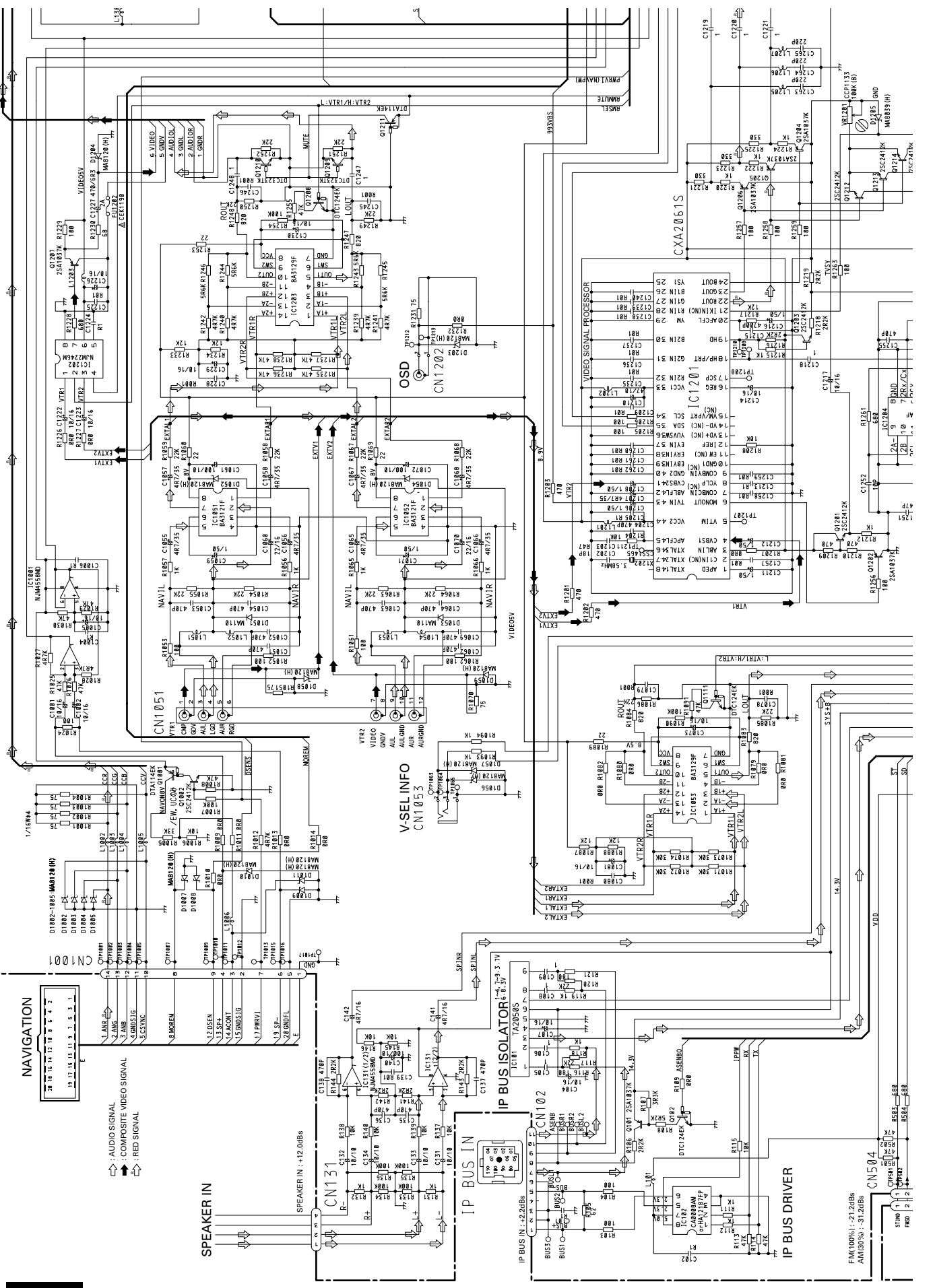




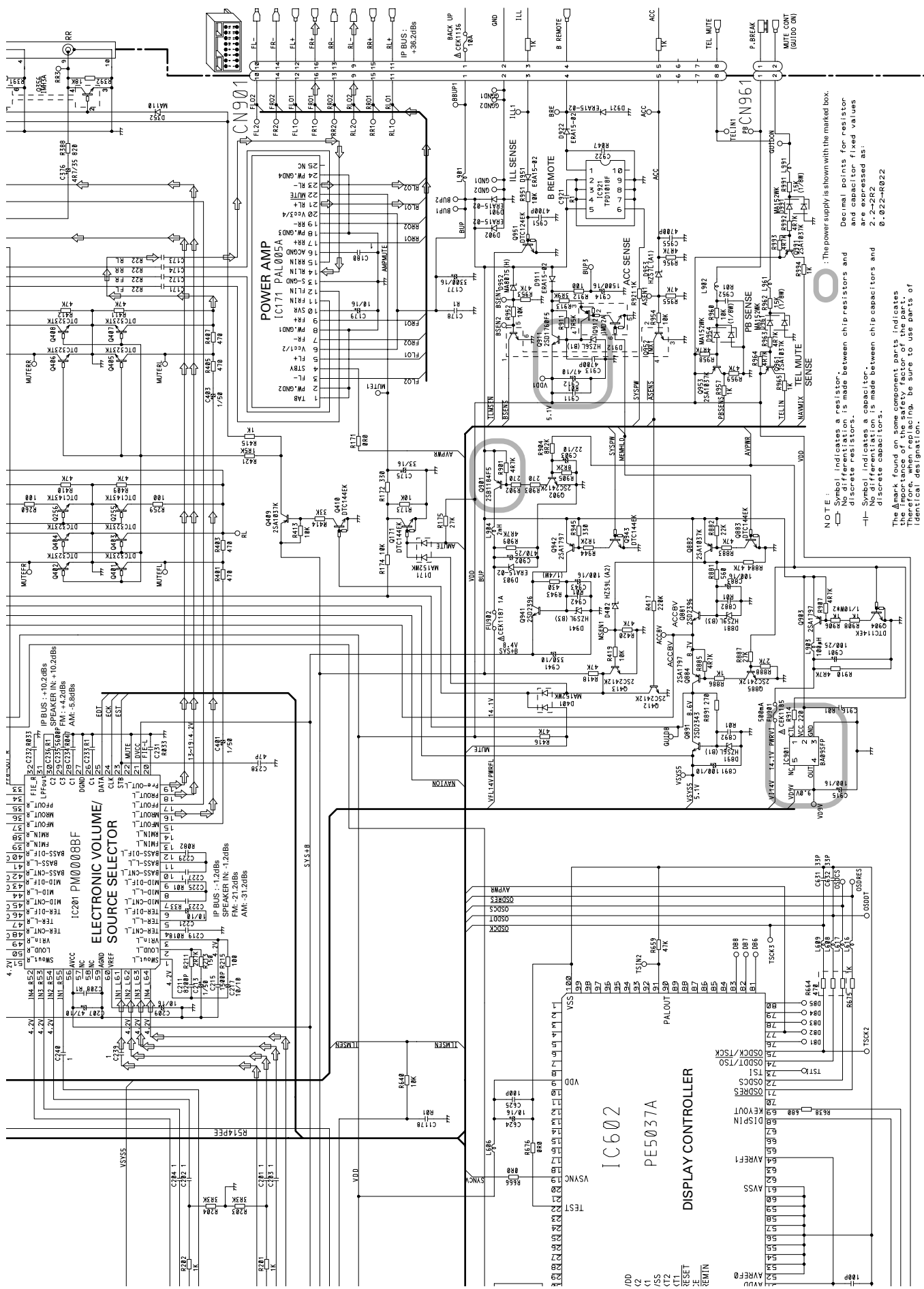
A-b



A TUNER AMP UNIT







NOTE 1: The power supply is shown with the marked box.

Symbol indicates a resistor. The value is made between chip resistors and discrete resistors. The values are expressed as:

Symbol indicates a capacitor. No differentiation is made between chip capacitors and discrete capacitors.

The Δ mark found on some component parts indicates the importance of the safety factor of the part. Be sure to use parts of identical designation.

A-a A-b

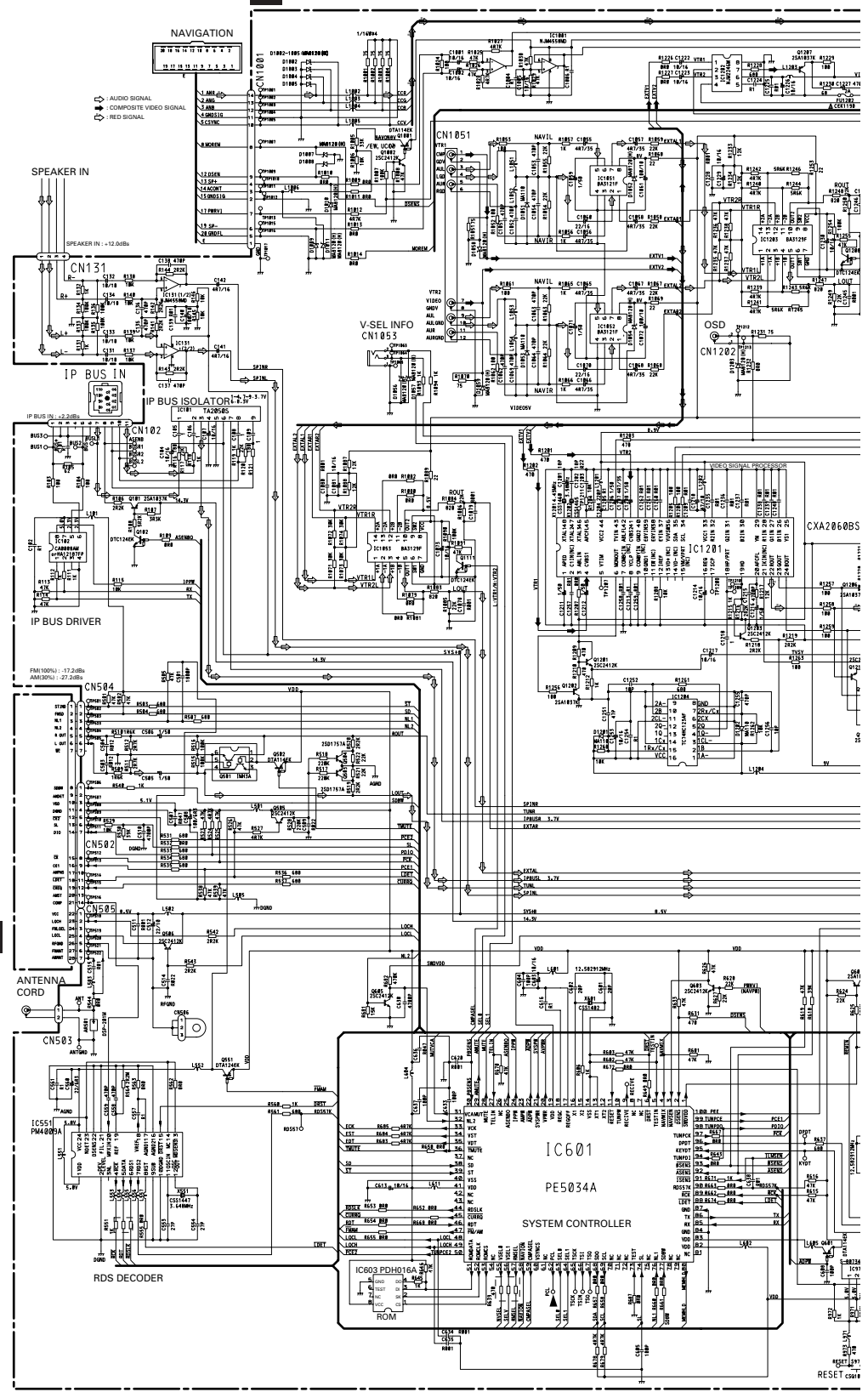
3.4 OVERALL CONNECTION DIAGRAM(GUIDE PAGE)(AVM-P7000R/EW)

Note: When ordering service parts, be sure to refer to “EXPLODED VIEWS AND PARTS LIST” or “ELECTRICAL PARTS LIST”.

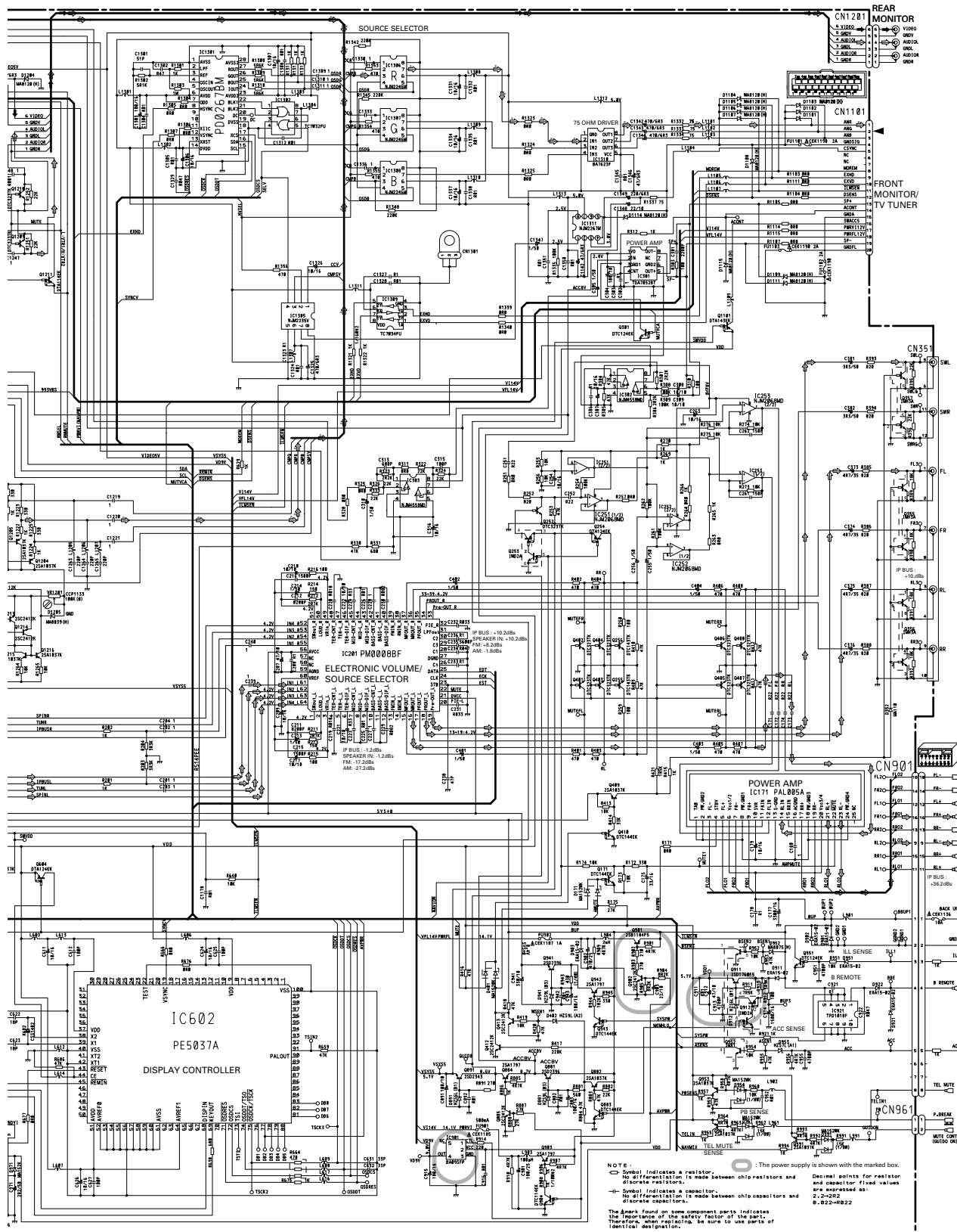
A-a

A TUNER AMP UNIT

B FM/AM TUNER UNIT

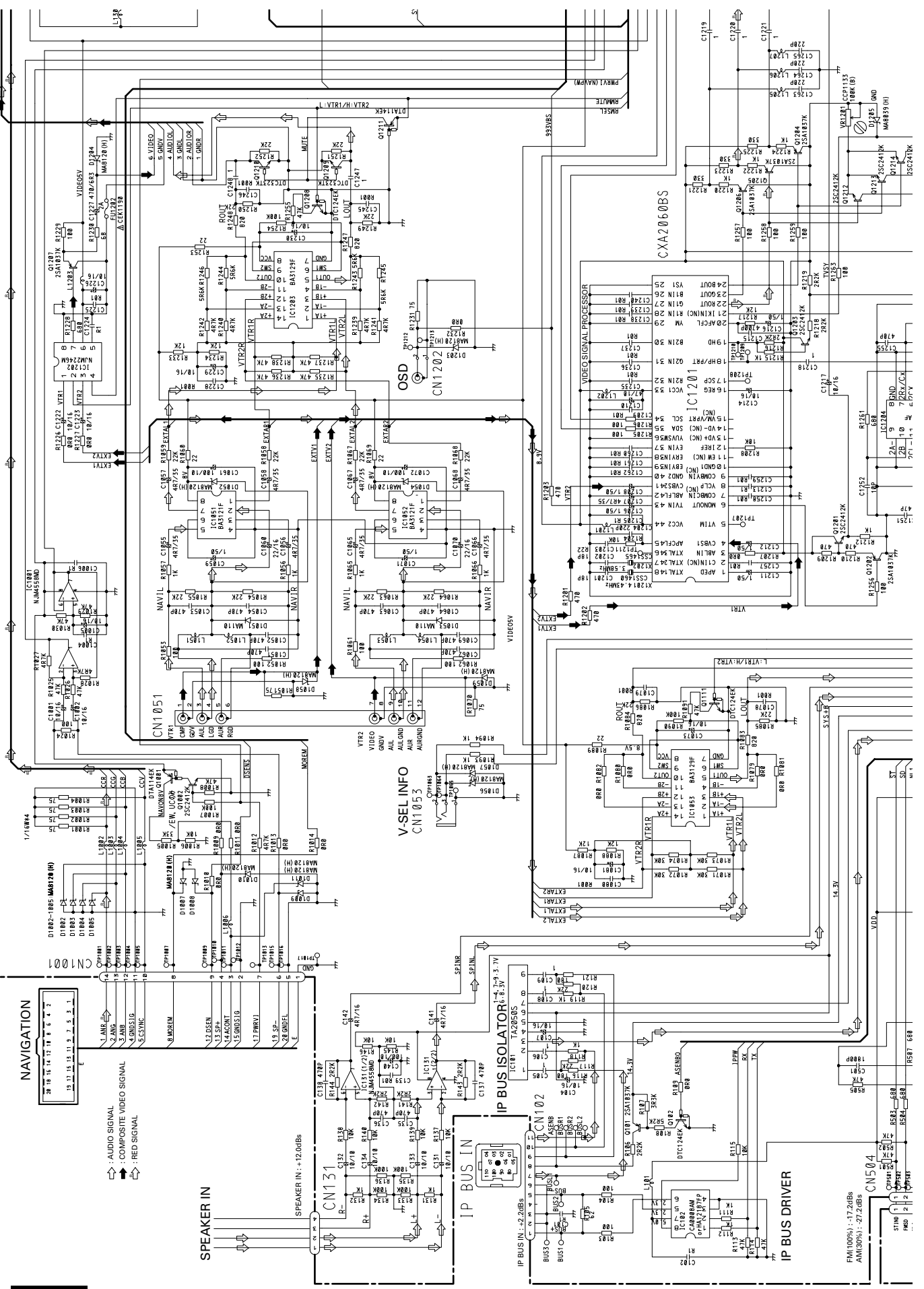


A-b

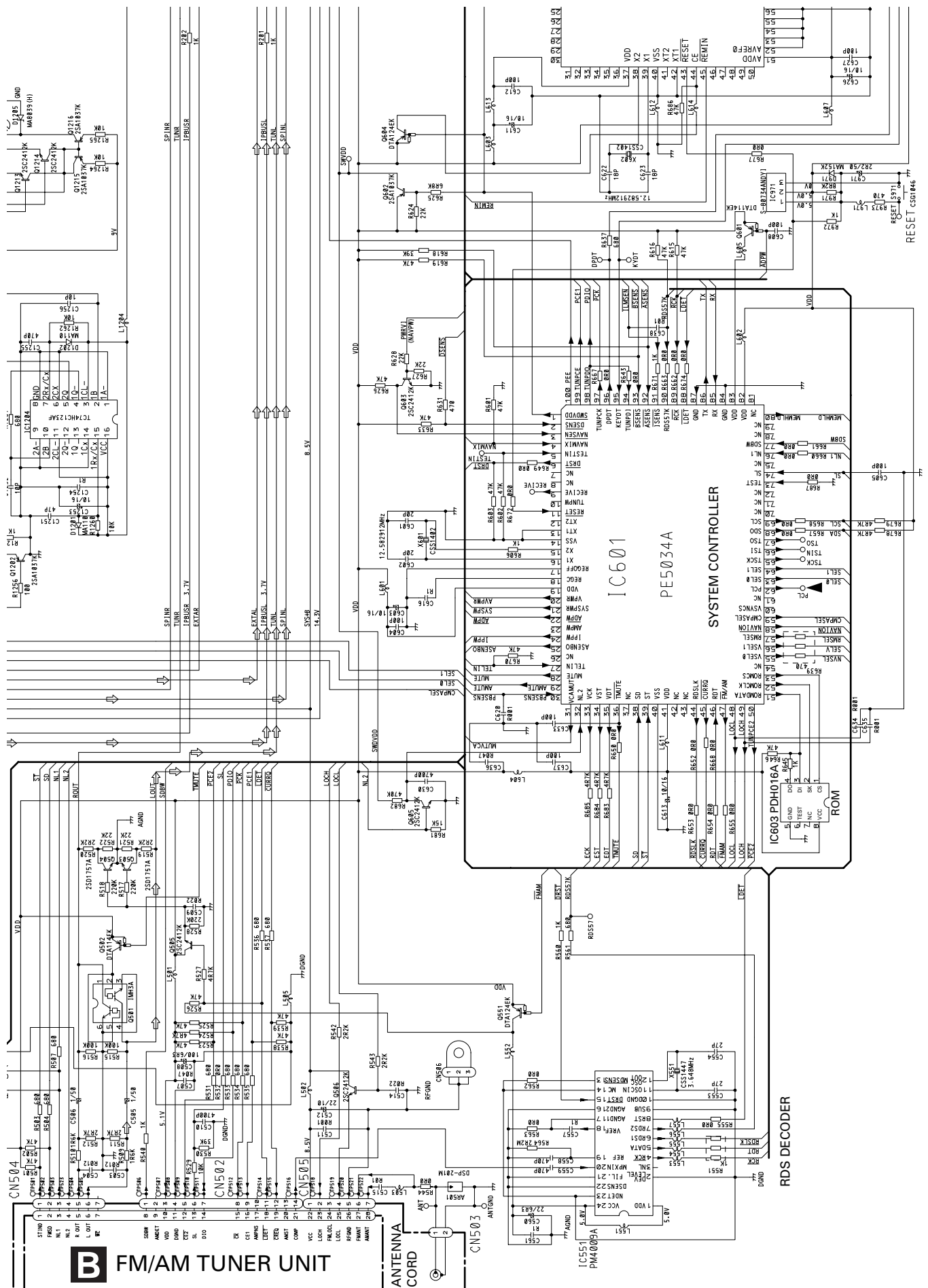


A-a A-b

A TUNER AMP UNIT



A-a



A-a A-b

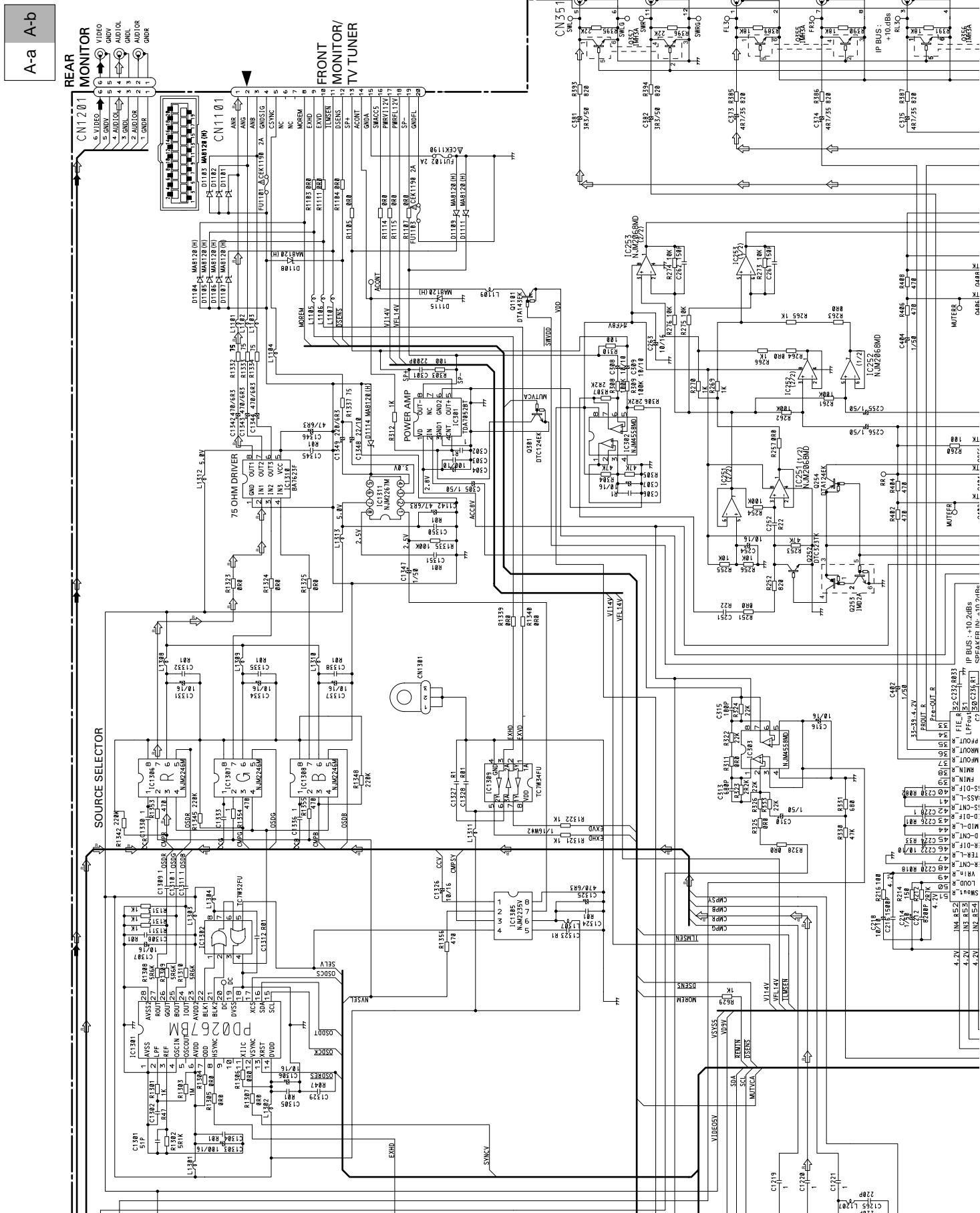
A

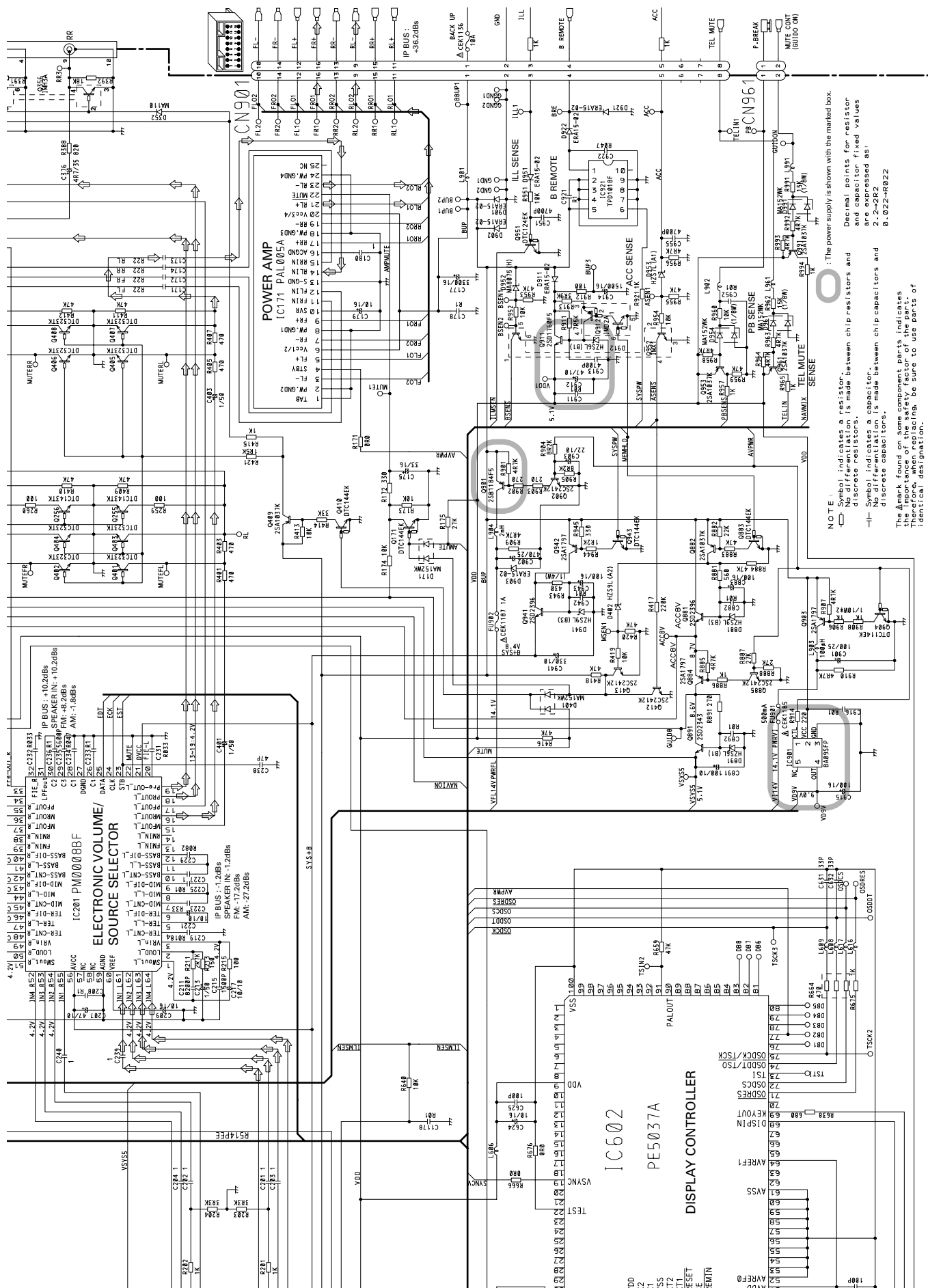
B

C




D

A-a





777
: The power supply is shown with the marked box.

	Symbol indicates a resistor.	Decimal points for resistor and capacitor fixed values are expressed as:
	Symbol indicates a capacitor.	2.2-2R2
	Symbol indicates a discrete component.	

The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

A-a A-b

A

P

C

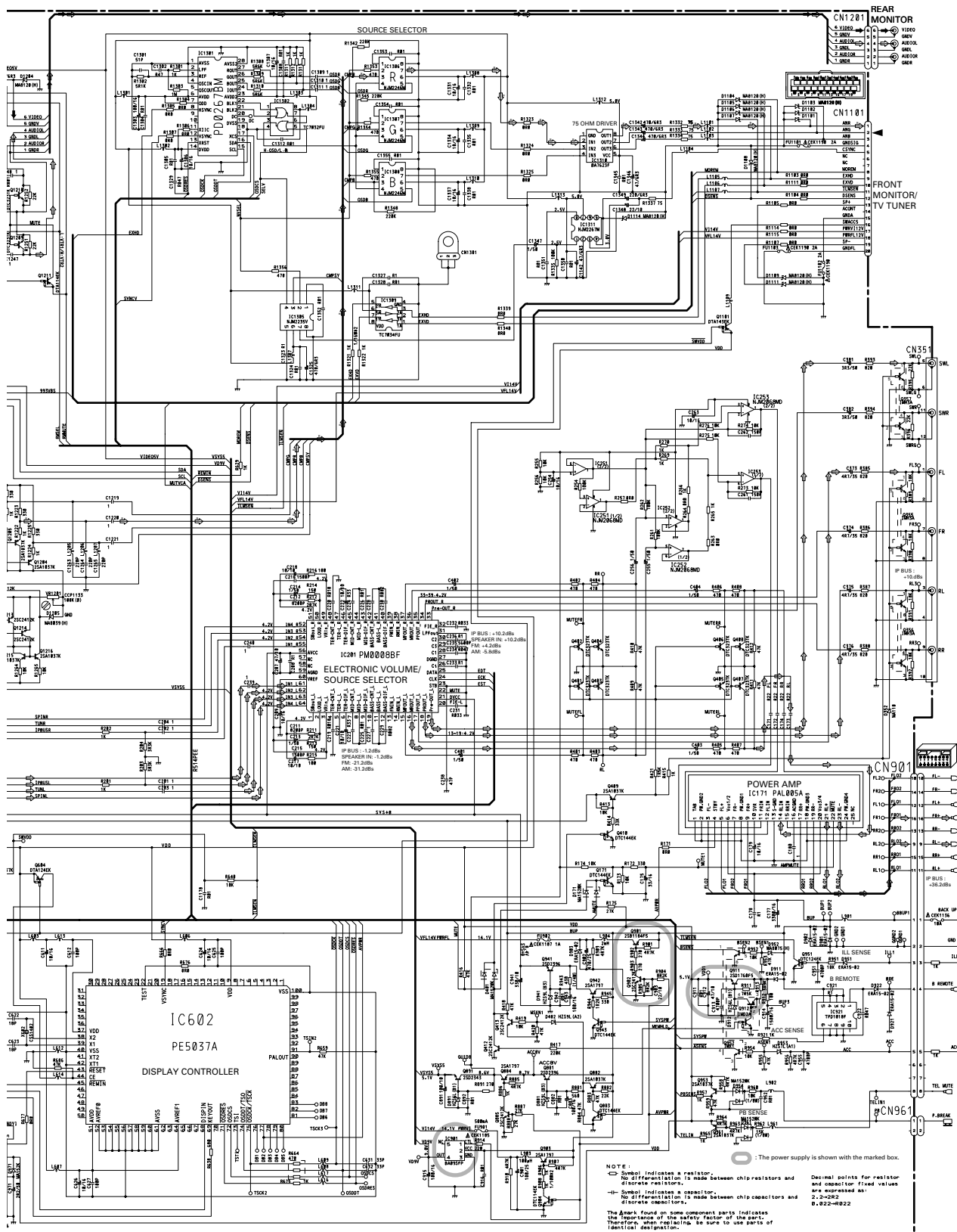
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Note: When ordering service parts, be sure to refer to “EXPLODED VIEWS AND PARTS LIST” or “ELECTRICAL PARTS LIST”.

Note: When ordering service parts, be sure to refer to “EXPLODED VIEWS AND PARTS LIST” or “ELECTRICAL PARTS LIST”.



A-b



TUNER AMP UNIT

A

A-a

⬅ : AUDIO SIGNAL
➡ : COMPOSITE VIDEO SIGNAL
⬅ : RED SIGNAL

SPEAKER IN

SPEAKER IN -12.0dBs

IP BUS IN

IP BUS IN : -22.0dBs

IP BUS DRIVER

FM1000H : -21.2dBs
AMC000H : -31.2dBs

ST

MOD

2/12

A

TUNER AMP UNIT

A

A-a

⬅ : AUDIO SIGNAL
➡ : COMPOSITE VIDEO SIGNAL
⬅ : RED SIGNAL

SPEAKER IN

SPEAKER IN -12.0dBs

IP BUS IN

IP BUS IN : -22.0dBs

IP BUS DRIVER

FM1000H : -21.2dBs
AMC000H : -31.2dBs

ST

MOD

2/12

A

TUNER AMP UNIT

A

A-a

⬅ : AUDIO SIGNAL
➡ : COMPOSITE VIDEO SIGNAL
⬅ : RED SIGNAL

SPEAKER IN

SPEAKER IN -12.0dBs

IP BUS IN

IP BUS IN : -22.0dBs

IP BUS DRIVER

FM1000H : -21.2dBs
AMC000H : -31.2dBs

ST

MOD

2/12



A

A-a A-b

B

C

D

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B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

B

C

D

A

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C

D

A

B

C

D

A

B

C

D

A

B

C

D

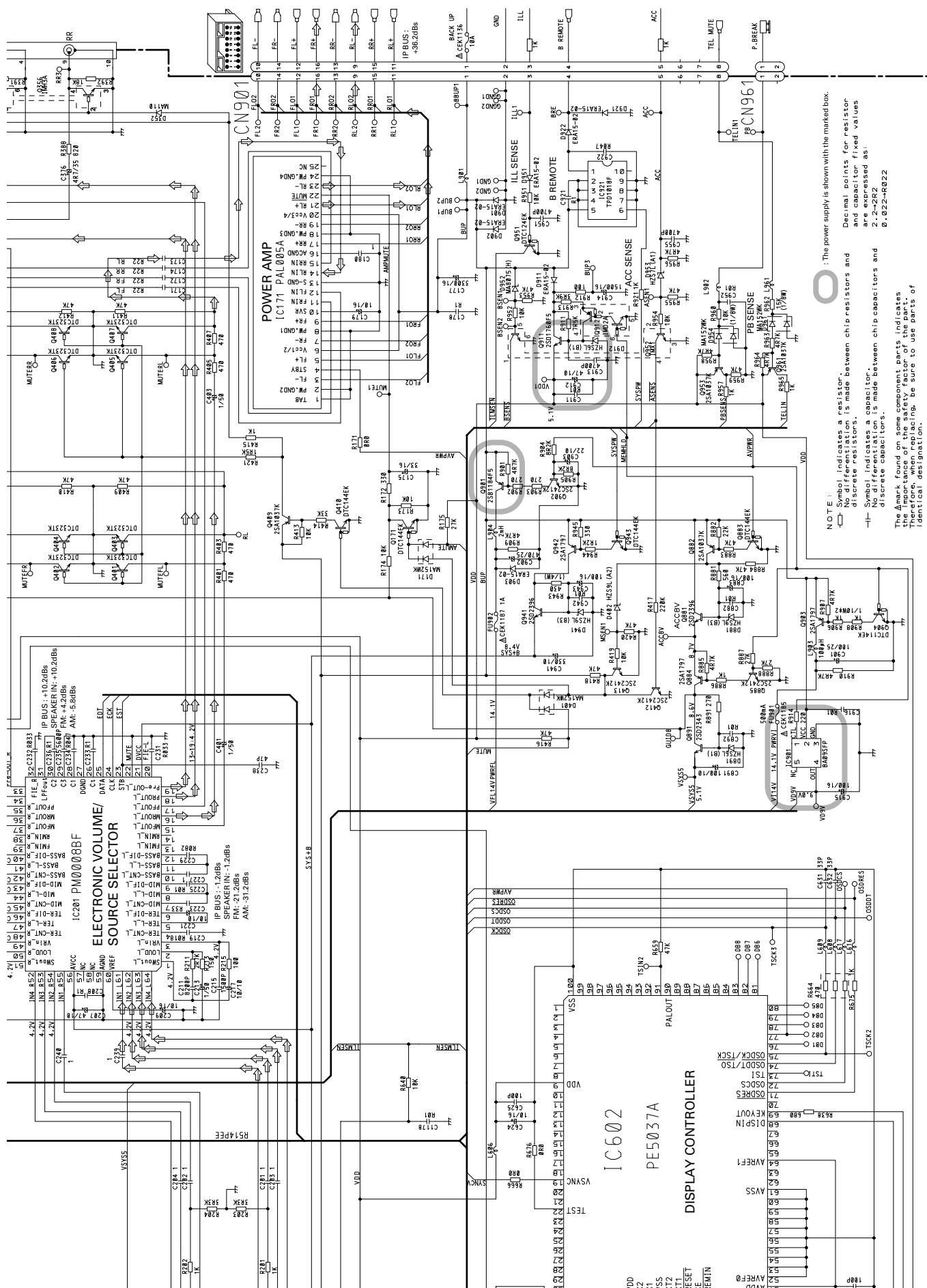
A

B

C

D

A



NOTE:

- Symbol indicates a resistor.
- No differentiation is made between chip resistors and through-hole resistors.
- Surface-mount capacitors:
 - No differentiation is made between chip capacitors and discrete capacitors.

The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of the same or higher safety factor.

The power supply is shown with the marked box.

Decimal points for resistor fixed values are expressed as:

- 2.2-2R2
- 0.022-R022

The **A** mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

A-a A-b

A

2

C

[

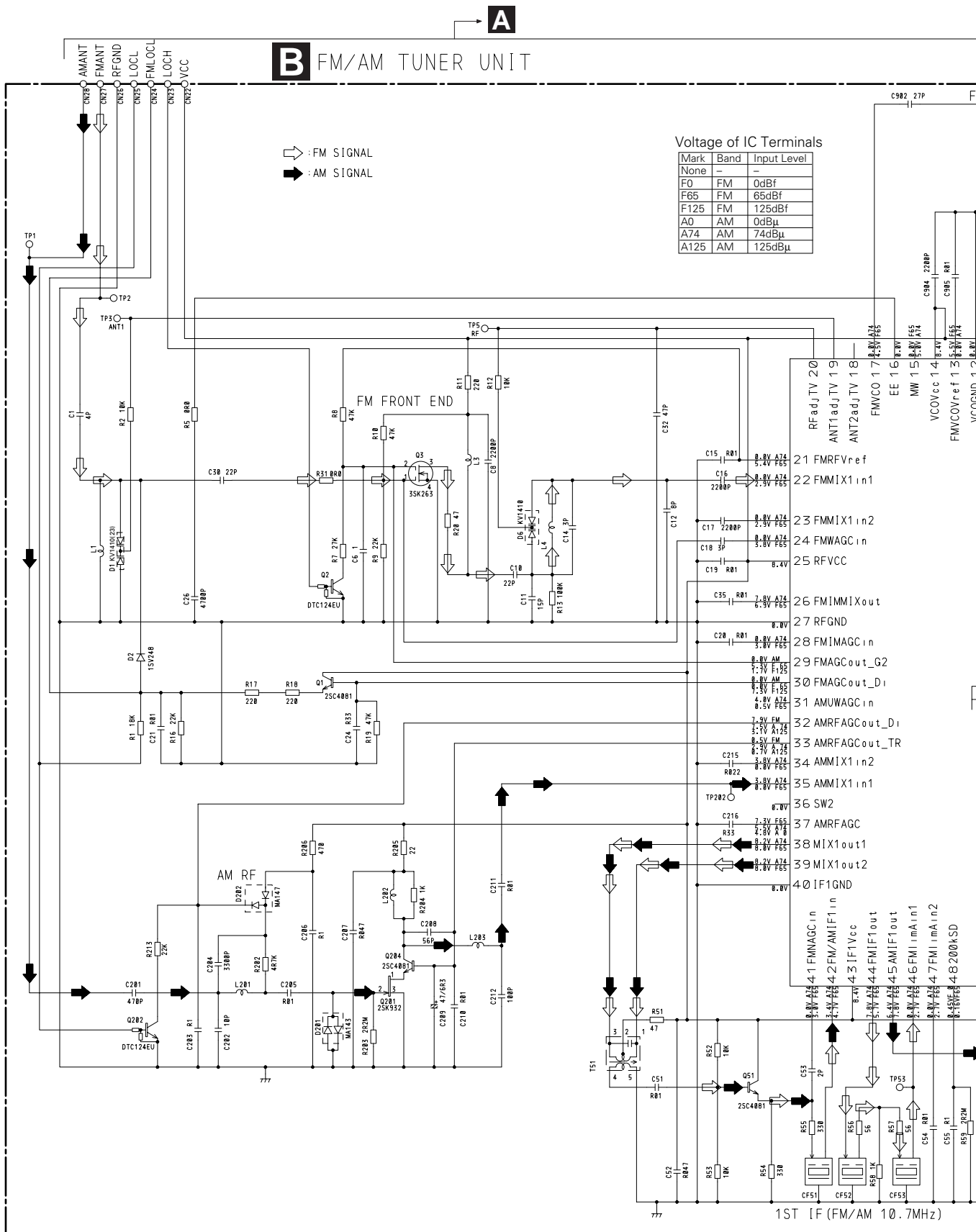
3.7 FM/AM TUNER UNIT(AVM-P7000R/UC,AVM-P7000/ES)

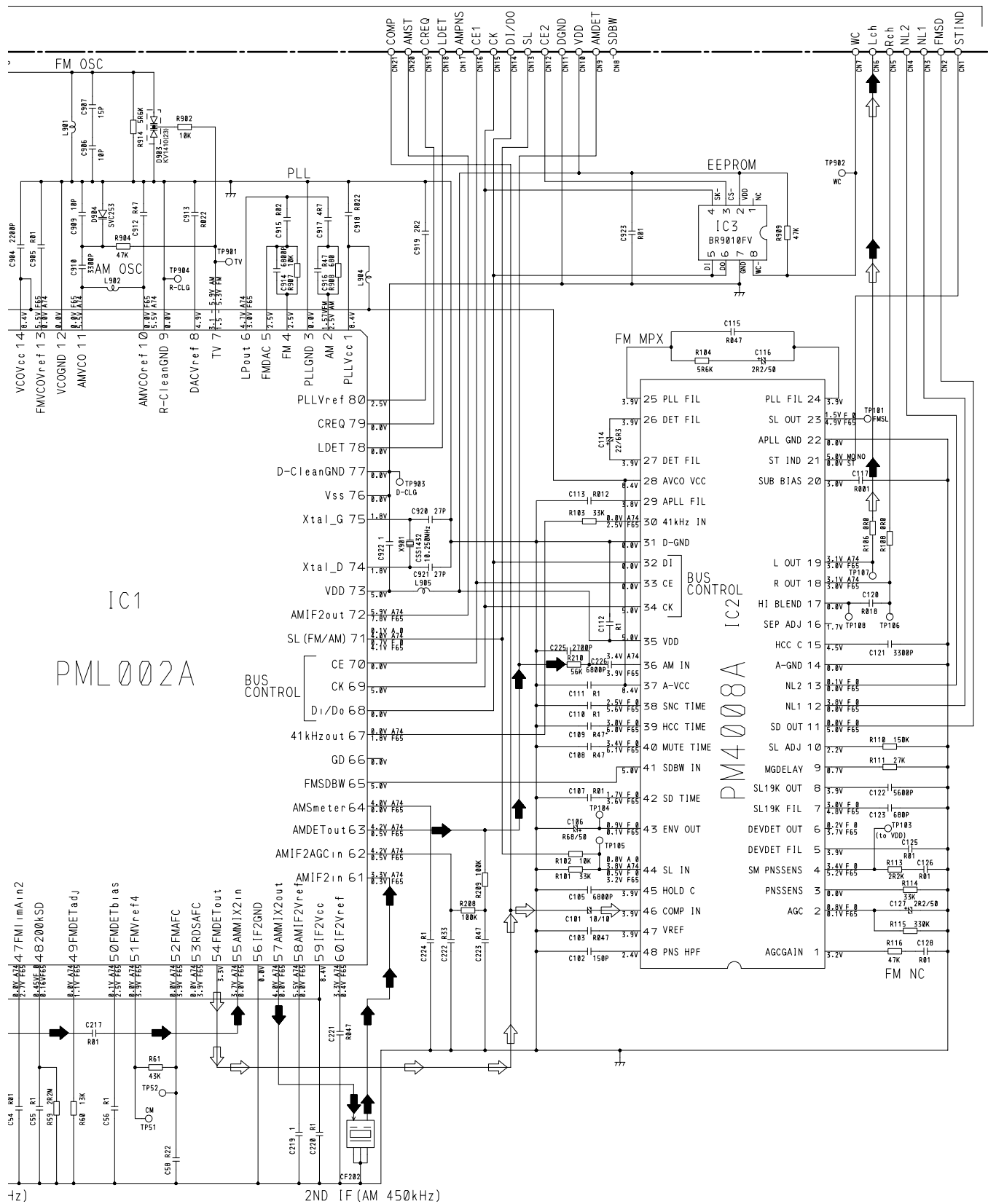
A

B

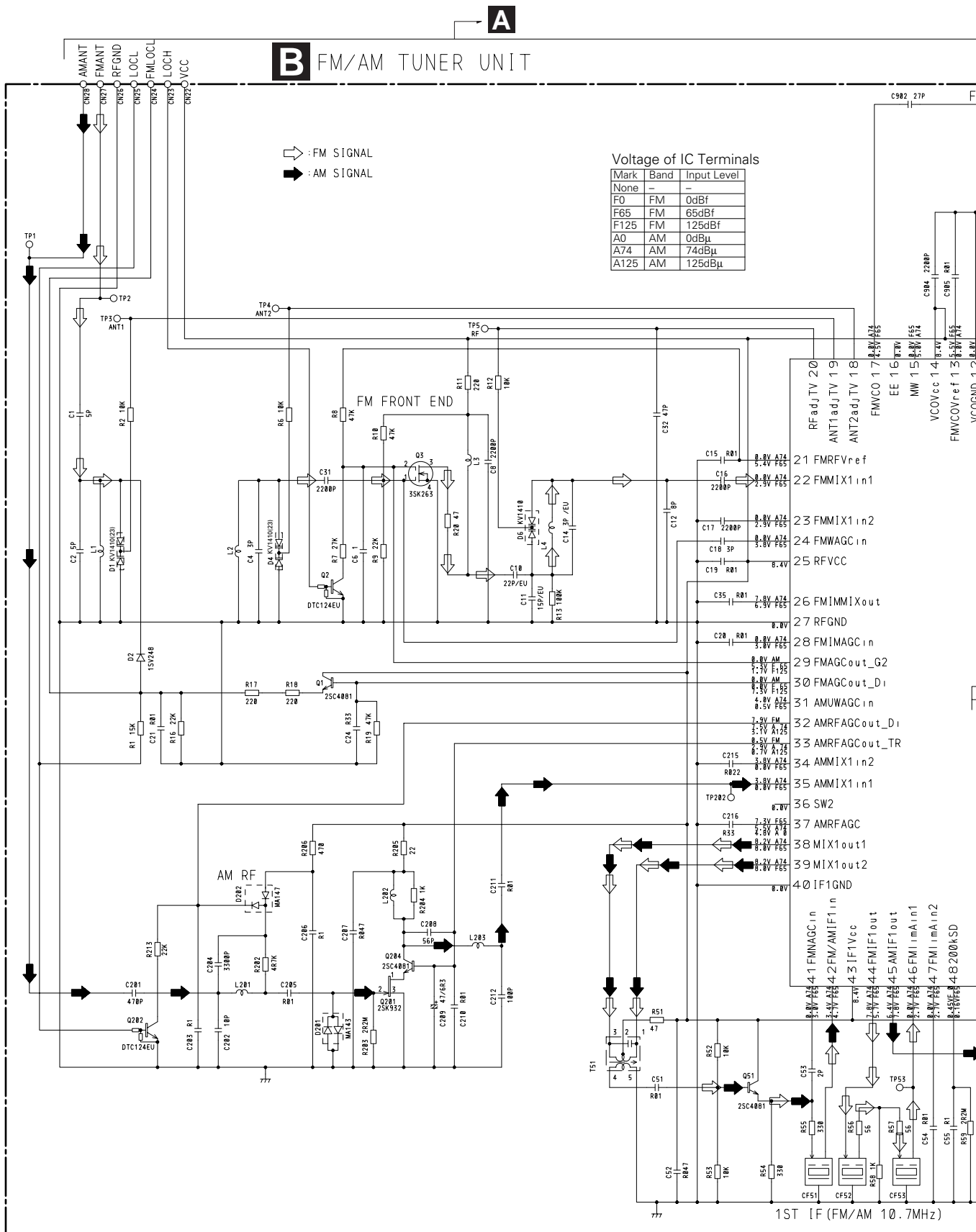
C

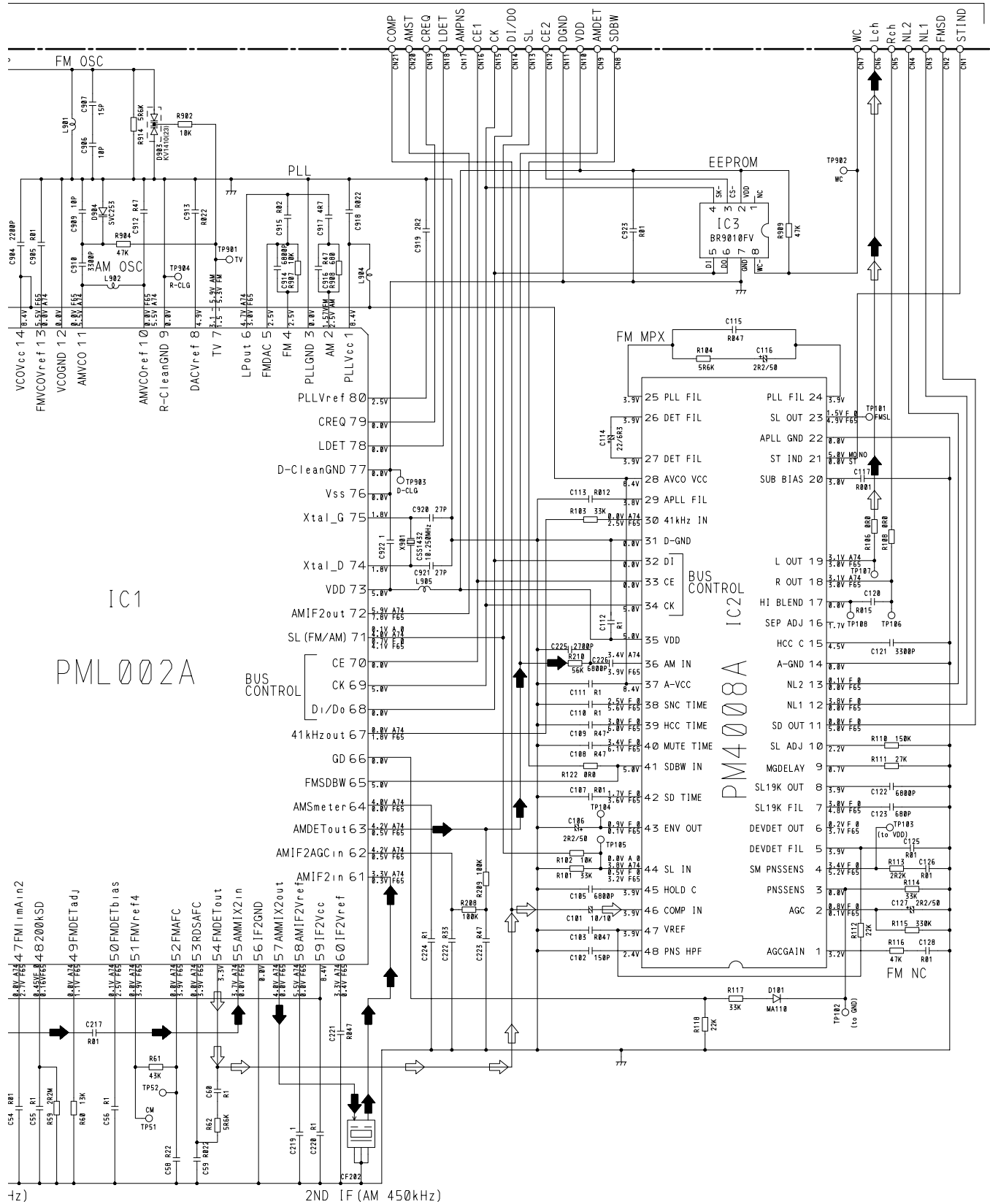
D



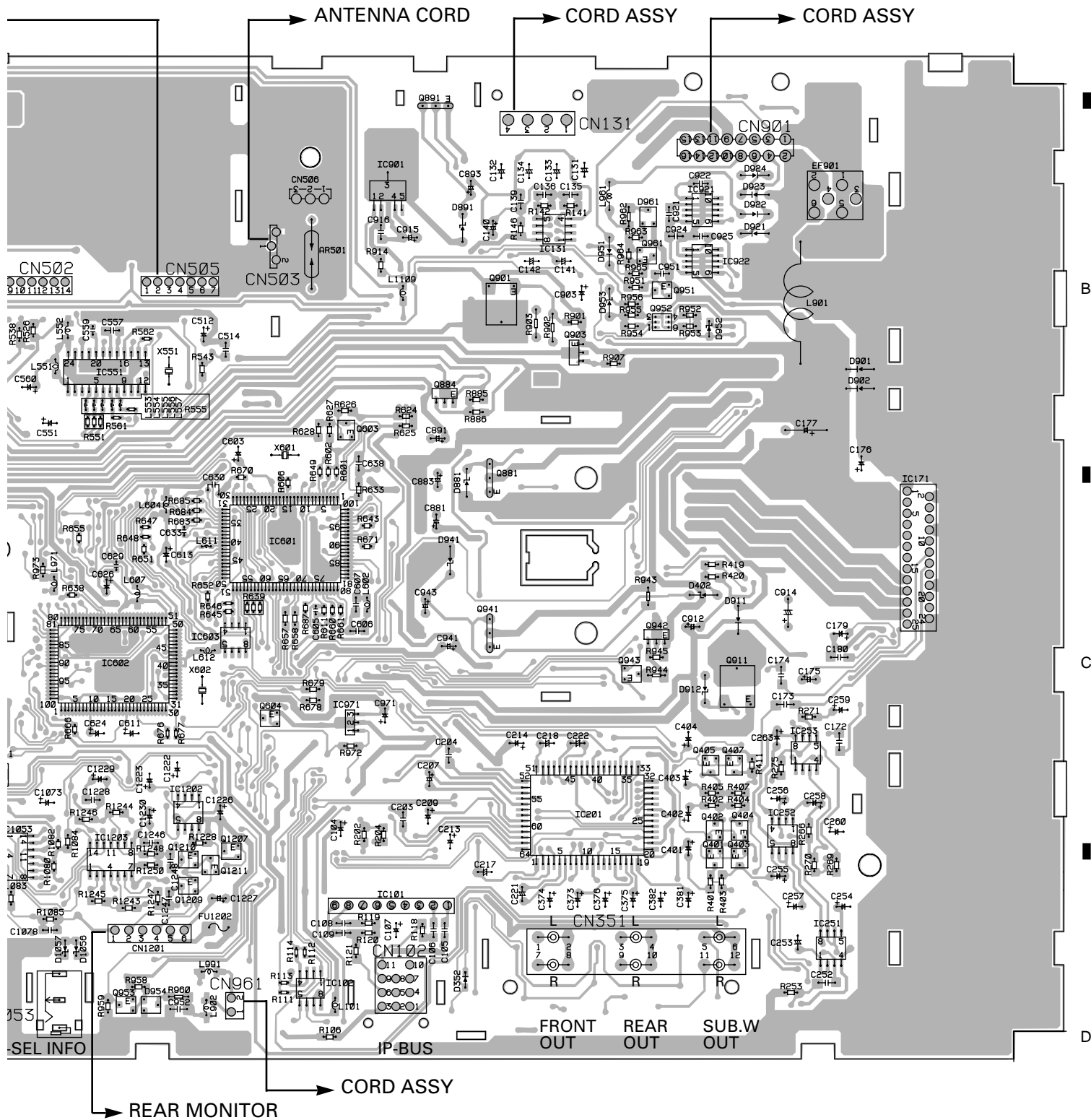


3.8 FM/AM TUNER UNIT(AVM-P7000R/EW)

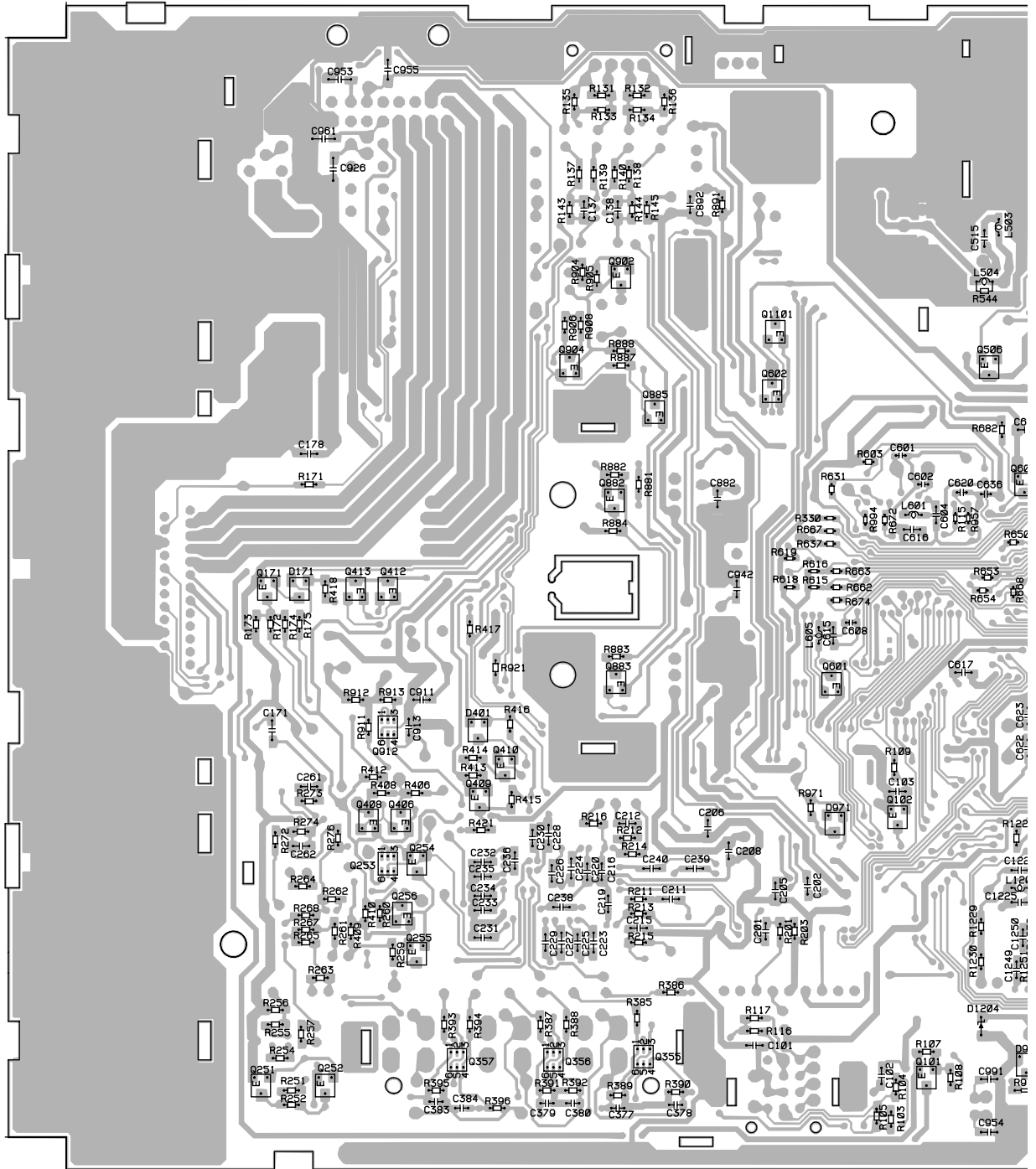




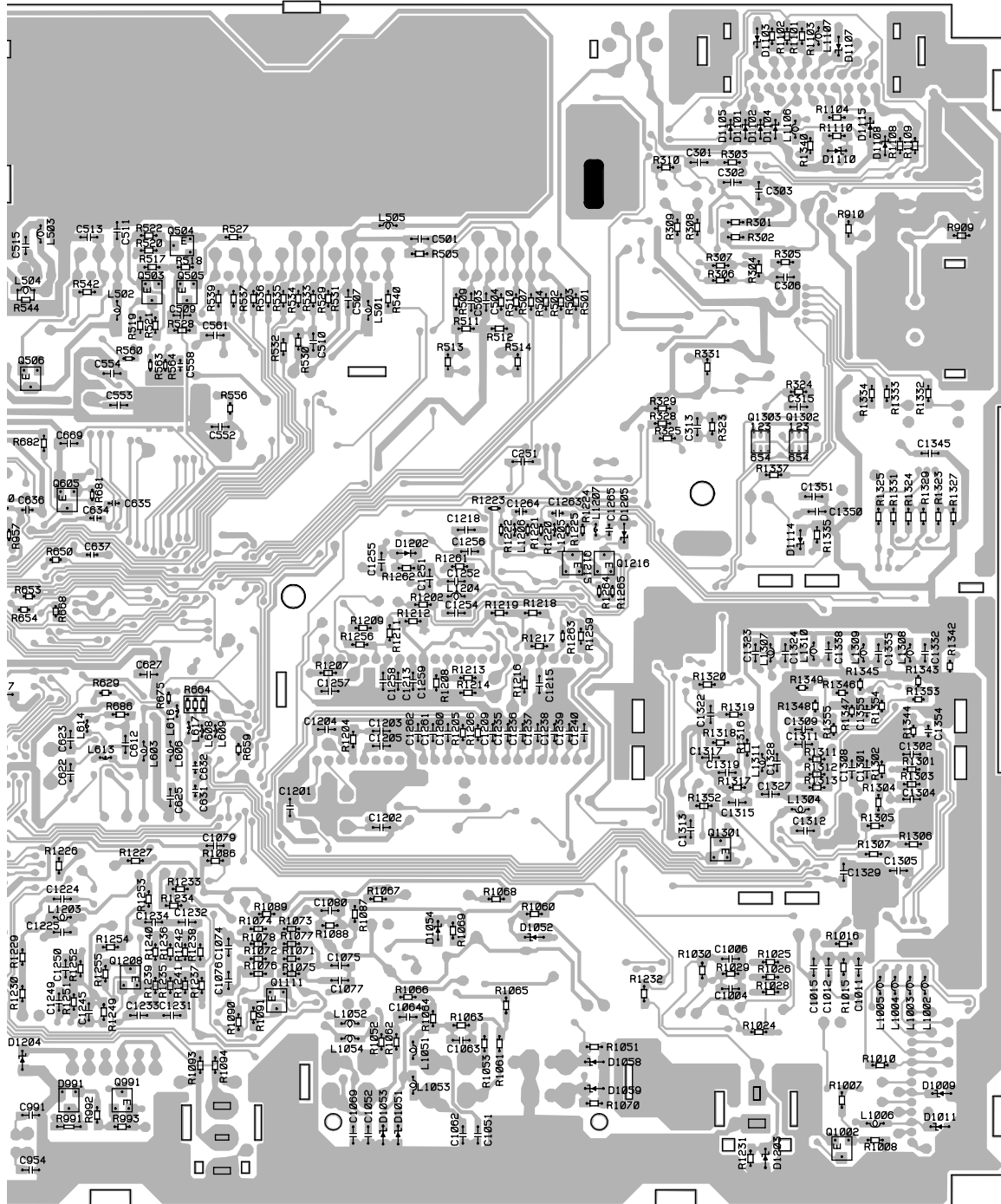
SIDE A



A TUNER AMP UNIT



SIDE B



IC: 0

Q504

Q902
Q505 Q505

Q1101

Q904 Q506

Q602
Q895
Q1303
Q1302Q605
Q892Q1215
Q1216Q171 Q413
Q412Q883
Q601

Q912 Q410

Q400
Q408 Q406
Q102 Q1301Q254
Q253

Q256

Q1208
Q253
Q1111Q991
Q357 Q356 Q355
Q251 Q252 Q101

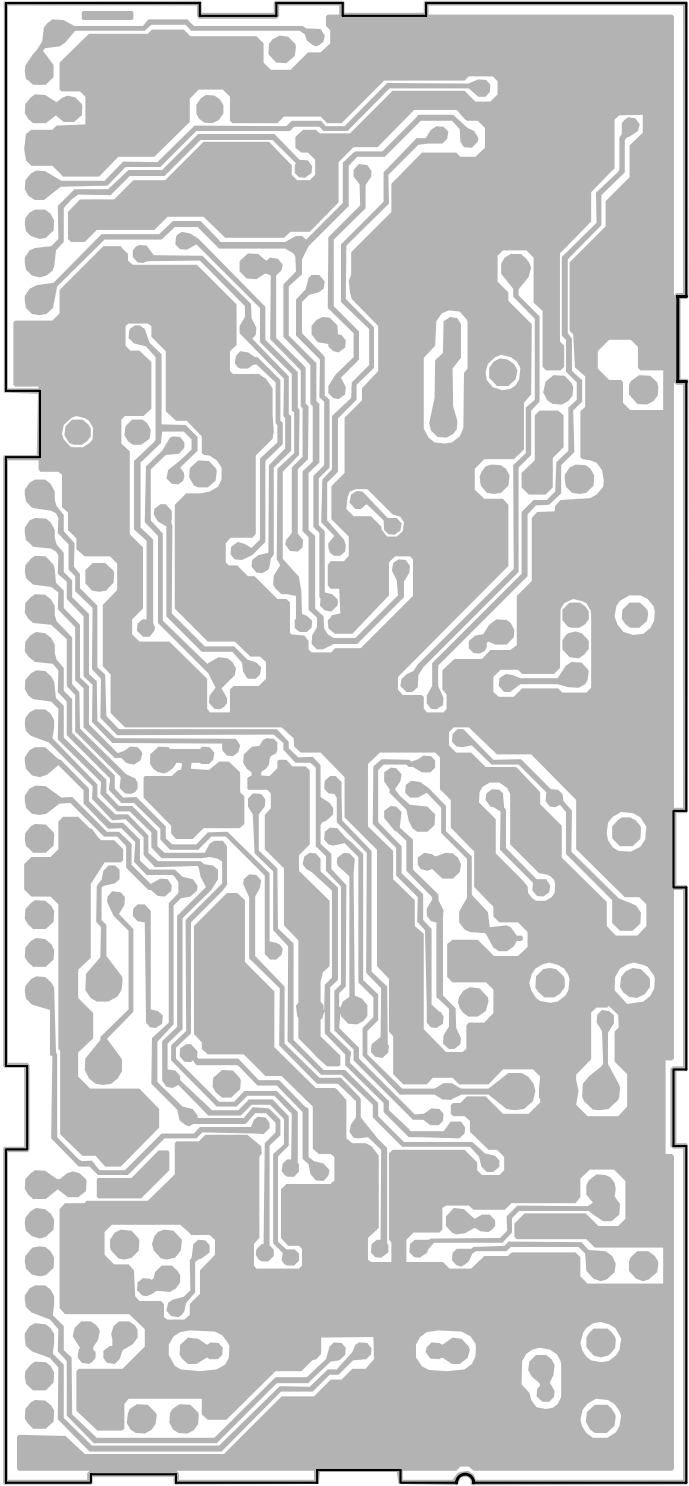
Q1002

B



A CN502,504,505

SIDE B



B FM/AM TUNER UNIT

5. ELECTRICAL PARTS LIST

NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/○S○○○J,RS1/○○S○○○J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

====Circuit Symbol & No.====Part Name	Part No.	====Circuit Symbol & No.====Part Name	Part No.
A Unit Number : CWM6335(AVM-P7000R/UC)		Q 404 Transistor	DTC323TK
Unit Name : Tuner Amp Unit		Q 405 Transistor	DTC323TK
MISCELLANEOUS		Q 406 Transistor	DTC323TK
IC 101 IC	TA2050S	Q 407 Transistor	DTC323TK
IC 102 IC	CA0008AM	Q 408 Transistor	DTC323TK
IC 131 IC	NJM4558MD	Q 409 Transistor	2SA1037K
IC 171 IC	PAL005A	Q 410 Transistor	DTC144EK
IC 201 IC	PM0008BF	Q 412 Transistor	2SC2412K
		Q 413 Transistor	2SC2412K
		Q 506 Transistor	2SC2412K
IC 251 IC	NJM2068MD	Q 551 Transistor	DTA124EK
IC 252 IC	NJM2068MD	Q 601 Transistor	DTA114EK
IC 253 IC	NJM2068MD	Q 602 Transistor	2SA1037K
IC 301 IC	TDA7052BT	Q 603 Transistor	2SC2412K
IC 302 IC	NJM4558MD	Q 604 Transistor	DTA124EK
IC 303 IC	NJM4558MD	Q 881 Transistor	2SD2396
IC 551 IC	PM4009A	Q 882 Transistor	2SA1037K
IC 601 IC	PE5035A	Q 883 Transistor	DTC144EK
IC 602 IC	PE5037A	Q 884 Transistor	2SA1797
IC 603 IC	PDH017A	Q 885 Transistor	2SC2412K
IC 901 IC	BA09SFP	Q 891 Transistor	2SD2343
IC 921 IC	TPD1018F	Q 901 Transistor	2SB1184F5
IC 971 IC	S-80734ANDYI	Q 902 Transistor	2SC2412K
IC 1001 IC	NJM4558MD	Q 903 Transistor	2SA1797
IC 1051 IC	BA3121F	Q 904 Transistor	DTC114EK
IC 1052 IC	BA3121F	Q 911 Transistor	2SD1760F5
IC 1053 IC	BA3129F	Q 912 Transistor	IMD2A
IC 1201 IC	CXA2061S	Q 941 Transistor	2SD2396
IC 1202 IC	NJM2246M	Q 942 Transistor	2SA1797
IC 1203 IC	BA3129F	Q 943 Transistor	DTC144EK
IC 1204 IC	TC74HC123AF	Q 951 Transistor	DTC124EK
IC 1301 IC	PD0267BM	Q 952 Transistor	IMX1
IC 1302 IC	TC7W32FU	Q 953 Transistor	2SA1037K
IC 1305 IC	NJM2235V	Q 961 Transistor	2SA1037K
IC 1306 IC	NJM2246M	Q 991 Transistor	2SA1037K
IC 1307 IC	NJM2246M	Q 1001 Transistor	DTA114EK
IC 1308 IC	NJM2246M	Q 1002 Transistor	2SC2412K
IC 1309 IC	TC7W34FU	Q 1101 Transistor	DTA143EK
IC 1310 IC	BA7623F	Q 1111 Transistor	DTC124EK
IC 1311 IC	NJM2267M	Q 1201 Transistor	2SC2412K
Q 101 Transistor	2SA1037K	Q 1202 Transistor	2SA1037K
Q 102 Transistor	DTC124EK	Q 1203 Transistor	2SC2412K
Q 171 Transistor	DTC144EK	Q 1204 Transistor	2SA1037K
Q 252 Transistor	DTC323TK	Q 1205 Transistor	2SA1037K
Q 253 Transistor	IMD2A	Q 1206 Transistor	2SA1037K
Q 254 Transistor	DTA124EK	Q 1207 Transistor	2SA1037K
Q 255 Transistor	DTC143TK	Q 1208 Transistor	DTC124EK
Q 256 Transistor	DTC143TK	Q 1209 Transistor	DTC323TK
Q 301 Transistor	DTC124EK	Q 1210 Transistor	DTC323TK
Q 355 Transistor	IMH3A	Q 1211 Transistor	DTA114EK
Q 356 Transistor	IMH3A	Q 1212 Transistor	2SC2412K
Q 357 Transistor	IMH3A	Q 1213 Transistor	2SC2412K
Q 401 Transistor	DTC323TK	Q 1214 Transistor	2SC2412K
Q 402 Transistor	DTC323TK	Q 1215 Transistor	2SA1037K
Q 403 Transistor	DTC323TK	Q 1216 Transistor	2SA1037K

====Circuit Symbol & No.==Part Name			Part No.	====Circuit Symbol & No.==Part Name			Part No.
D	171	Diode	MA152WK	L	555	Inductor	CTF1379
D	352	Diode	MA110	L	601	Inductor	LCTB2R2K2125
D	401	Diode	MA152WK	L	602	Inductor	CTF1399
D	402	Diode	HZS9L(A2)	L	603	Inductor	LCTA2R2J3225
D	881	Diode	HZS9L(B3)	L	604	Inductor	LCTA2R2J3225
D	891	Diode	HZS6L(B1)	L	605	Inductor	LCTB2R2K2125
D	901	Diode	ERA15-02	L	606	Inductor	LCTA2R2J3225
D	902	Diode	ERA15-02	L	607	Inductor	LCTA2R2J3225
D	903	Diode	ERA15-02	L	608	Inductor	CTF1306
D	911	Diode	ERA15-02	L	609	Inductor	CTF1306
D	912	Diode	HZS6L(B1)	L	611	Inductor	CTF1379
D	921	Diode	ERA15-02	L	612	Inductor	CTF1399
D	922	Diode	ERA15-02	L	613	Inductor	CTF1379
D	941	Diode	HZS9L(B3)	L	614	Inductor	CTF1379
D	951	Diode	ERA15-02	L	616	Inductor	CTF1379
D	952	Diode	MA8075(H)	L	617	Inductor	CTF1379
D	953	Diode	HZS7L(A1)	L	901	Coil	CTH1170
D	954	Diode	MA152WK	L	902	Inductor	LCTA2R2J3225
D	961	Diode	MA152WK	L	903	Choke Coil 100μH	CTH1157
D	971	Diode	MA152K	L	904	Choke Coil 2mH	CTH1074
D	991	Diode	MA152WK	L	961	Ferri-Inductor	LAU2R2K
D	1002	Zener Diode	MA8120(H)	L	971	Inductor	CTF1399
D	1003	Zener Diode	MA8120(H)	L	991	Inductor	LCTA2R2J3225
D	1004	Zener Diode	MA8120(H)	L	1002	Inductor	CTF1305
D	1005	Zener Diode	MA8120(H)	L	1003	Inductor	CTF1305
D	1007	Zener Diode	MA8120(H)	L	1004	Inductor	CTF1305
D	1008	Zener Diode	MA8120(H)	L	1005	Inductor	CTF1305
D	1009	Zener Diode	MA8120(H)	L	1006	Inductor	CTF1399
D	1010	Zener Diode	MA8120(H)	L	1051	Inductor	LCTB2R2K2125
D	1011	Zener Diode	MA8120(H)	L	1052	Inductor	LCTB2R2K2125
D	1051	Diode	MA110	L	1053	Inductor	LCTB2R2K2125
D	1052	Zener Diode	MA8120(H)	L	1054	Inductor	LCTB2R2K2125
D	1053	Diode	MA110	L	1101	Inductor	CTF1305
D	1054	Zener Diode	MA8120(H)	L	1102	Inductor	CTF1305
D	1056	Zener Diode	MA8120(H)	L	1103	Inductor	CTF1305
D	1057	Zener Diode	MA8120(H)	L	1104	Inductor	CTF1305
D	1058	Zener Diode	MA8120(H)	L	1105	Inductor	CTF1399
D	1059	Zener Diode	MA8120(H)	L	1106	Inductor	CTF1399
D	1101	Zener Diode	MA8120(H)	L	1107	Inductor	CTF1399
D	1102	Zener Diode	MA8120(H)	L	1109	Inductor	CTF1399
D	1103	Zener Diode	MA8120(H)	L	1201	Inductor	LCTA2R2J3225
D	1104	Zener Diode	MA8120(H)	L	1202	Inductor	LCTA2R2J3225
D	1105	Zener Diode	MA8120(H)	L	1203	Inductor	LCTB4R7K2125
D	1106	Zener Diode	MA8120(H)	L	1204	Inductor	LCTB100K2125
D	1107	Zener Diode	MA8120(H)	L	1205	Inductor	LCTB2R2K1608
D	1108	Zener Diode	MA8120(H)	L	1206	Inductor	LCTB2R2K1608
D	1109	Zener Diode	MA8120(H)	L	1207	Inductor	LCTB2R2K1608
D	1111	Zener Diode	MA8120(H)	L	1301	Inductor	LCTA4R7J3225
D	1114	Zener Diode	MA8120(H)	L	1302	Inductor	LCTA4R7J3225
D	1115	Zener Diode	MA8120(H)	L	1303	Inductor	LCTA4R7J3225
D	1201	Diode	MA110	L	1304	Inductor	LCTB4R7K2125
D	1202	Diode	MA110	L	1307	Inductor	LCTB4R7K2125
D	1203	Zener Diode	MA8120(H)	L	1308	Inductor	LCTB4R7K2125
D	1204	Zener Diode	MA8120(H)	L	1309	Inductor	LCTB4R7K2125
D	1205	Diode	MA8039(H)	L	1310	Inductor	LCTB4R7K2125
L	101	Inductor	LCTB3R3K2125	L	1311	Inductor	LCTB4R7K2125
L	501	Inductor	LCTA100J3225	L	1312	Inductor	LCTA680J3225
L	502	Inductor	LCTA2R2J3225	L	1313	Inductor	LCTA680J3225
L	503	Inductor	LCTB4R7K2125	X	551	Crystal Resonator 3.648MHz	CSS1447
L	504	Inductor	CTF1403	X	601	Radiator 12.58291MHz	CSS1402
L	505	Inductor	CTF1399	X	602	Radiator 12.58291MHz	CSS1402
L	551	Inductor	CTF1399	X	1202	Crystal Resonator 3.579545MHz	CSS1465
L	552	Inductor	LCTA100J3225	S	971	Switch(RESET)	CSG1046
L	553	Inductor	CTF1379	VR	1201	Semi-fixed 100kΩ(B)	CCP1133
L	554	Inductor	CTF1379	FU	901	Micro-Fuse 500mA	CEK1185

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
FU 902 Micro-Fuse 1A	CEK1187	R 263	RS1/10S0R0J
FU 1101 Micro-Fuse 2A	CEK1190	R 264	RS1/10S0R0J
FU 1102 Micro-Fuse 2A	CEK1190	R 265	RS1/10S102J
FU 1103 Micro-Fuse 2A	CEK1190	R 266	RS1/10S102J
FU 1202 Micro-Fuse 2A	CEK1190	R 269	RS1/10S102J
AR 501	DSP-201M	R 270	RS1/10S102J
RESISTORS		R 273	RS1/10S103J
		R 274	RS1/10S103J
R 103	RS1/10S101J	R 275	RS1/10S103J
R 104	RS1/10S101J	R 276	RS1/10S103J
R 105	RS1/10S620J	R 303	RS1/10S101J
R 106	RS1/10S222J	R 304	RS1/10S473J
R 107	RS1/10S332J	R 305	RS1/10S473J
		R 306	RS1/10S222J
R 108	RS1/10S562J	R 307	RS1/10S222J
R 109	RS1/10S0R0J		
R 111	RS1/16S102J	R 308	RS1/10S104J
R 112	RS1/16S102J	R 309	RS1/10S104J
R 113	RS1/16S473J	R 310	RS1/10S101J
		R 311	RS1/10S0R0J
R 114	RS1/16S473J	R 312	RS1/10S102J
R 115	RS1/16S103J		
R 116	RS1/10S181J	R 322	RS1/10S223J
R 117	RS1/10S223J	R 323	RS1/10S222J
R 118	RS1/10S102J	R 324	RS1/10S223J
		R 325	RS1/10S0R0J
R 119	RS1/10S102J	R 326	RS1/10S223J
R 120	RS1/10S223J		
R 121	RS1/10S181J	R 328	RS1/10S0R0J
R 131	RS1/10S102J	R 330	RS1/16S473J
R 132	RS1/10S102J	R 331	RS1/10S681J
		R 333	RS1/10S223J
R 133	RS1/10S104J	R 385	RS1/10S821J
R 134	RS1/10S104J		
R 135	RS1/10S104J	R 386	RS1/10S821J
R 136	RS1/10S104J	R 387	RS1/10S821J
R 137 (RN1/10SE1002D)	GGC1320	R 388	RS1/10S821J
		R 389	RS1/10S183J
R 138 (RN1/10SE1002D)	GGC1320	R 390	RS1/10S183J
R 139 (RN1/10SE1002D)	GGC1320		
R 140 (RN1/10SE1002D)	GGC1320	R 391	RS1/10S183J
R 141	RN1/10SE2201D	R 392	RS1/10S183J
R 142	RN1/10SE2201D	R 393	RS1/10S821J
		R 394	RS1/10S821J
R 143	RN1/10SE2201D	R 395	RS1/10S223J
R 144	RN1/10SE2201D		
R 145	RS1/10S103J	R 396	RS1/10S223J
R 146	RS1/10S103J	R 401	RS1/10S471J
R 171	RS1/10S0R0J	R 402	RS1/10S471J
		R 403	RS1/10S471J
R 172	RS1/10S331J	R 404	RS1/10S471J
R 173	RS1/10S103J		
R 174	RS1/10S103J	R 405	RS1/10S471J
R 175	RS1/10S273J	R 406	RS1/10S471J
R 201	RS1/10S102J	R 407	RS1/10S471J
		R 408	RS1/10S471J
R 202	RS1/10S102J	R 409	RS1/10S473J
R 203	RS1/10S332J		
R 204	RS1/10S332J	R 410	RS1/10S473J
R 211	RS1/10S272J	R 411	RS1/10S473J
R 212	RS1/10S272J	R 412	RS1/10S473J
		R 413	RS1/10S103J
R 213	RS1/10S151J	R 414	RS1/10S333J
R 214	RS1/10S151J		
R 215	RS1/10S101J	R 415	RS1/10S102J
R 216	RS1/10S101J	R 416	RS1/10S473J
R 251	RS1/10S0R0J	R 417	RS1/10S224J
		R 418	RS1/10S473J
R 252	RS1/10S821J	R 419	RS1/10S103J
R 253	RS1/10S473J		
R 254	RS1/10S104J	R 420	RS1/10S473J
R 255	RS1/10S103J	R 421	RS1/10S152J
R 256	RS1/10S103J	R 501	RS1/10S473J
		R 502	RS1/10S473J
R 257	RS1/10S0R0J	R 503	RS1/10S681J
R 259	RS1/10S101J		
R 260	RS1/10S101J		
R 261	RS1/10S104J		
R 262	RS1/10S104J		

====Circuit Symbol & No.===Part Name	Part No.	====Circuit Symbol & No.===Part Name	Part No.
R 504	RS1/10S681J	R 677	RS1/16S0R0J
R 509	RS1/10S272J	R 678	RS1/10S472J
R 510	RS1/10S272J	R 679	RS1/10S472J
R 511	RS1/10S162J	R 683	RS1/16S472J
R 512	RS1/10S162J	R 684	RS1/16S472J
R 513	RS1/10S0R0J	R 685	RS1/16S472J
R 514	RS1/10S0R0J	R 686	RS1/10S473J
R 523	RS1/10S473J	R 687	RS1/16S0R0J
R 524	RS1/10S472J	R 881	RS1/10S561J
R 525	RS1/10S473J	R 882	RS1/10S223J
R 529	RS1/10S103J	R 883	RS1/10S473J
R 530	RS1/10S393J	R 884	RS1/10S473J
R 531	RS1/10S681J	R 885	RS1/10S472J
R 532	RS1/10S0R0J	R 886	RS1/10S102J
R 533	RS1/10S681J	R 887	RS1/10S273J
R 534	RS1/10S681J	R 888	RS1/10S273J
R 535	RS1/10S681J	R 891	RS1/10S271J
R 538	RS1/10S473J	R 901	RS1/10S472J
R 539	RS1/10S473J	R 902	RD1/4PU271J
R 542	RS1/10S222J	R 903	RD1/4PU271J
R 543	RS1/10S222J	R 904	RS1/10S822J
R 551	RA3C102J	R 905	RS1/10S822J
R 560	RS1/16S102J	R 906	RS1/10S102J
R 562	RS1/16S0R0J	R 907	RS1/10S472J
R 563	RS1/16S0R0J	R 908	RS1/10S102J
R 564	RS1/16S225J	R 909	RS1/10S472J
R 601	RS1/16S473J	R 910	RS1/10S472J
R 602	RS1/16S473J	R 911	RS1/10S752J
R 603	RS1/16S473J	R 912	RS1/10S101J
R 606	RS1/16S102J	R 913	RS1/10S392J
R 615	RS1/16S473J	R 914	RS1/10S221J
R 616	RS1/16S473J	R 921	RS1/10S102J
R 618	RS1/16S393J	R 943	RS1/4S431J
R 619	RS1/16S473J	R 944	RS1/4S122J
R 624	RS1/10S223J	R 945	RS1/10S331J
R 625	RS1/10S682J	R 951	RS1/10S103J
R 626	RS1/10S473J	R 952	RS1/10S103J
R 627	RS1/10S223J	R 953	RS1/10S473J
R 628	RS1/10S223J	R 954	RS1/10S103J
R 629	RS1/16S102J	R 955	RS1/10S473J
R 631	RS1/16S471J	R 956	RS1/10S472J
R 633	RS1/10S473J	R 957	RS1/16S102J
R 637	RS1/16S681J	R 958	RS1/10S472J
R 638	RS1/16S681J	R 959	RS1/10S473J
R 639	RA3C471J	R 960	RS1/8S103J
R 640	RS1/10S103J	R 962	RS1/8S153J
R 643	RS1/16S0R0J	R 963	RS1/10S472J
R 645	RS1/16S102J	R 964	RS1/10S472J
R 646	RS1/16S473J	R 965	RS1/10S102J
R 649	RS1/16S0R0J	R 971	RS1/10S822J
R 653	RS1/16S0R0J	R 972	RS1/10S102J
R 654	RS1/16S0R0J	R 973	RS1/10S471J
R 655	RS1/16S0R0J	R 991	RS1/8S153J
R 657	RS1/10S0R0J	R 992	RS1/10S472J
R 658	RS1/10S0R0J	R 993	RS1/10S472J
R 659	RS1/16S473J	R 994	RS1/16S102J
R 662	RS1/16S0R0J	R 1001	RS1/16S750J
R 664	RA3C471J	R 1002	RS1/16S750J
R 666	RS1/16S0R0J	R 1003	RS1/16S750J
R 667	RS1/16S0R0J	R 1004	RS1/16S750J
R 670	RS1/16S473J	R 1005	RS1/10S333J
R 671	RS1/16S102J	R 1006	RS1/10S103J
R 672	RS1/16S0R0J	R 1007	RS1/10S104J
R 675	RS1/16S102J	R 1008	RS1/10S473J
R 676	RS1/16S0R0J	R 1009	RS1/10S0R0J

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
R 1010	RS1/10S0R0J	R 1208 (RN1/10SE1002D)	GGC1320
R 1011	RS1/10S0R0J	R 1209	RS1/10S471J
R 1012	RS1/10S472J	R 1210	RS1/10S471J
R 1013	RS1/10S0R0J	R 1212	RS1/10S102J
R 1014	RS1/10S0R0J	R 1215	RS1/16S102J
R 1024	RS1/10S101J	R 1216	RS1/10S222J
R 1025	RS1/10S473J	R 1217	RS1/10S123J
R 1026	RS1/10S473J	R 1218	RS1/10S222J
R 1027	RS1/10S472J	R 1219	RS1/10S222J
R 1028	RS1/10S472J	R 1220	RS1/16S102J
R 1029	RS1/10S473J	R 1221	RS1/16S331J
R 1030	RS1/10S473J	R 1222	RS1/16S102J
R 1051	RS1/10S750J	R 1223	RS1/16S331J
R 1052	RS1/10S101J	R 1224	RS1/16S102J
R 1053	RS1/10S101J	R 1225	RS1/16S331J
R 1054	RS1/10S223J	R 1226	RS1/10S0R0J
R 1055	RS1/10S223J	R 1227	RS1/10S0R0J
R 1056	RS1/10S102J	R 1228	RS1/10S681J
R 1057	RS1/10S102J	R 1229	RS1/10S101J
R 1058	RS1/10S223J	R 1230	RS1/10S680J
R 1059	RS1/10S223J	R 1231	RS1/10S750J
R 1060	RS1/10S220J	R 1232	RS1/10S0R0J
R 1061	RS1/10S101J	R 1233	RS1/10S123J
R 1062	RS1/10S101J	R 1234	RS1/10S123J
R 1063	RS1/10S223J	R 1235	RS1/10S473J
R 1064	RS1/10S223J	R 1236	RS1/10S473J
R 1065	RS1/10S102J	R 1237	RS1/10S473J
R 1066	RS1/10S102J	R 1238	RS1/10S473J
R 1067	RS1/10S223J	R 1239	RS1/10S472J
R 1068	RS1/10S223J	R 1240	RS1/10S472J
R 1069	RS1/10S220J	R 1241	RS1/10S472J
R 1070	RS1/10S750J	R 1242	RS1/10S472J
R 1071	RS1/10S303J	R 1243	RS1/10S562J
R 1072	RS1/10S303J	R 1244	RS1/10S562J
R 1073	RS1/10S303J	R 1245	RS1/10S562J
R 1074	RS1/10S303J	R 1246	RS1/10S562J
R 1079	RS1/16S0R0J	R 1247	RS1/10S821J
R 1080	RS1/16S0R0J	R 1248	RS1/10S821J
R 1081	RS1/16S0R0J	R 1249	RS1/10S223J
R 1082	RS1/16S0R0J	R 1250	RS1/10S223J
R 1083	RS1/10S821J	R 1251	RS1/10S223J
R 1084	RS1/10S821J	R 1252	RS1/10S223J
R 1085	RS1/10S223J	R 1253	RS1/10S220J
R 1086	RS1/10S223J	R 1254	RS1/10S104J
R 1087	RS1/10S123J	R 1255	RS1/10S473J
R 1088	RS1/10S123J	R 1256	RS1/10S101J
R 1089	RS1/10S220J	R 1257	RS1/16S101J
R 1090	RS1/10S104J	R 1258	RS1/16S101J
R 1091	RS1/10S473J	R 1259	RS1/10S101J
R 1093	RS1/10S102J	R 1260 (RN1/10SE1002D)	GGC1320
R 1094	RS1/10S102J	R 1261	RS1/10S681J
R 1103	RS1/10S0R0J	R 1262 (RN1/10SE1002D)	GGC1320
R 1104	RS1/10S0R0J	R 1263	RS1/16S101J
R 1105	RS1/10S0R0J	R 1264	RS1/16S103J
R 1107	RS1/10S0R0J	R 1265	RS1/16S103J
R 1111	RS1/10S0R0J	R 1301	RS1/10S102J
R 1114	RS1/10S0R0J	R 1302	RS1/10S512J
R 1115	RS1/10S0R0J	R 1303	RS1/10S105J
R 1201	RS1/10S471J	R 1304	RS1/10S0R0J
R 1202	RS1/10S471J	R 1305	RS1/10S0R0J
R 1203	RS1/10S471J	R 1306	RS1/10S0R0J
R 1204	RS1/10S103J	R 1307	RS1/10S0R0J
R 1205	RS1/10S101J	R 1308	RS1/16S562J
R 1206	RS1/10S101J	R 1309	RS1/16S562J
R 1207	RS1/10S0R0J	R 1310	RS1/16S562J

====Circuit Symbol & No.===Part Name	Part No.	====Circuit Symbol & No.===Part Name	Part No.
R 1311	RS1/10S102J	C 220	CKSQYB183K50
R 1312	RS1/10S102J	C 221	CEJANP100M10
R 1313	RS1/10S102J	C 222	CEJANP100M10
R 1321	RS1/16S102J	C 223	CKSYB334K16
R 1322	RS1/16S102J	C 224	CKSYB334K16
R 1323	RS1/10S0R0J	C 225	CKSQYB103K50
R 1324	RS1/10S0R0J	C 226	CKSQYB103K50
R 1325	RS1/10S0R0J	C 227	CKSYB105K16
R 1332	RS1/10S750J	C 228	CKSYB105K16
R 1333	RS1/10S750J	C 229	CKSQYB823K50
R 1334	RS1/10S750J	C 230	CKSQYB823K50
R 1335	RS1/10S104J	C 231	CKSQYB333K50
R 1337	RS1/10S750J	C 232	CKSQYB333K50
R 1339	RS1/10S0R0J	C 233	CKSQYB104K50
R 1340	RS1/10S0R0J	C 234	CKSQYB473K50
R 1342	RS1/16S224J	C 235	CKSQYB562K50
R 1345	RS1/16S224J	C 236	CKSQYB104K50
R 1348	RS1/16S224J	C 238	CCSQCH470J50
R 1353	RS1/16S471J	C 239	CKSQYB105K10
R 1354	RS1/16S471J	C 240	CKSQYB105K10
R 1355	RS1/16S471J	C 251	CKSYB224K25
R 1356	RS1/16S471J	C 252	CKSYB224K25
CAPACITORS		C 254	CEJA100M16
C 101	CKSQYB104K50	C 255	CEJA1R0M50
C 102	CKSQYB104K50	C 256	CEJA1R0M50
C 104	CEJA100M16	C 261	CCSQCH151J50
C 105	CKSQYB105K10	C 262	CCSQCH151J50
C 106	CKSQYB105K10	C 263	CEJA100M16
C 107	CEJA100M16	C 301	CKSQYB222K50
C 108	CKSQYB105K10	C 302	CKSQYB105K10
C 109	CKSQYB105K10	C 303	CKSQYB104K50
C 131	CEJANP100M10	C 304	CEJA101M10
C 132	CEJANP100M10	C 305	CEJANP1R0M50
C 133	CEJANP100M10	C 306	CKSQYB104K50
C 134	CEJANP100M10	C 307	CEJA100M16
C 135	CCSQCH471J50	C 308	CEJANP100M10
C 136	CCSQCH471J50	C 309	CEJANP100M10
C 137	CCSQCH471J50	C 310	CEJA1R0M50
C 138	CCSQCH471J50	C 313	CKSQYB681K50
C 139	CKSQYB103K50	C 315	CCSQCH101J50
C 140	CEJA101M10	C 316	CEJA100M16
C 141	CEJANP4R7M16	C 373	CEJA4R7M35
C 142	CEJANP4R7M16	C 374	CEJA4R7M35
C 171	CKSYB224K25	C 375	CEJA4R7M35
C 172	CKSYB224K25	C 376	CEJA4R7M35
C 173	CKSYB224K25	C 381	CEJA3R3M50
C 174	CKSYB224K25	C 382	CEJA3R3M50
C 175	CEJA330M16	C 401	CEJA1R0M50
C 177	CCH1125	C 402	CEJA1R0M50
C 178	CKSQYB104K50	C 403	CEJA1R0M50
C 179	CEHAR100M16	C 404	CEJA1R0M50
C 180	CKSYB105K16	C 503	CKSQYB183J50
C 201	CKSQYB105K10	C 504	CKSQYB183J50
C 202	CKSQYB105K10	C 507	CKSQYB473K50
C 203	CKSQYB105K10	C 508	CEJA101M6R3
C 204	CKSQYB105K10	C 510	CKSQYB472K50
C 207	CEJA470M10	C 511	CKSQYB102K50
C 208	CKSQYB104K50	C 512	CEJA220M10
C 209	CEJA100M16	C 514	CKSQYB223K50
C 211	CKSQYB822K50	C 515	CKSQYB103K50
C 212	CKSQYB822K50	C 553	CCSQCH270J50
C 213	CEJA1R0M50	C 554	CCSQCH270J50
C 214	CEJA1R0M50	C 557	CKSQYB104K50
C 215	CKSQYB152K50	C 558	CKSRYB471K50
C 216	CKSQYB152K50	C 559	CKSRYB471K50
C 217	CEJANP100M10		
C 218	CEJANP100M10		
C 219	CKSQYB183K50		

====Circuit Symbol & No.==Part Name		Part No.	====Circuit Symbol & No.==Part Name		Part No.
C	560	CEJA220M6R3	C	1063	CKSQYB471K50
C	561	CKSQYB104K50	C	1064	CKSQYB471K50
C	601	CCSRCH200J50	C	1065	CEJA4R7M35
C	602	CCSRCH200J50	C	1066	CEJA4R7M35
C	603	CEJA100M16	C	1067	CEJA4R7M35
C	604	CCSQCH101J50	C	1068	CEJA4R7M35
C	605	CCSRCH101J50	C	1069	CKSQYB471K50
C	608	CCSRCH101J50	C	1070	CEJA220M16
C	611	CEJA100M16	C	1071	CEJA1R0M50
C	612	CCSQCH101J50	C	1072	CEJA101M10
C	613	CEJA100M16	C	1073	CEJA100M16
C	616	CKSQYB104K50	C	1078	CKSQYB102K50
C	620	CKSRYB102K50	C	1079	CKSQYB102K50
C	622	CCSQCH180J50	C	1080	CKSQYB102K50
C	623	CCSQCH180J50	C	1081	CEJA100M16
C	624	CEJA100M16	C	1142	CEJA470M6R3
C	625	CCSQCH101J50	C	1178	CKSQYB103K50
C	626	CEJA100M16	C	1202	CCSQCH180J50
C	627	CCSQCH101J50	C	1203	CKSQYB474K16
C	631	CCSRCH330J50	C	1204	CCSQCH471J50
C	632	CCSRCH330J50	C	1205	CKSQYB104K50
C	634	CKSRYB102K50	C	1206	CEJA1R0M50
C	635	CKSRYB102K50	C	1207	CEJA4R7M35
C	636	CKSRYB473K16	C	1208	CEJA1R0M50
C	637	CCSRCH101J50	C	1209	CKSQYB104K50
C	638	CKSQYB104K16	C	1210	CEJA470M10
C	882	CKSQYB103K50	C	1211	CEJA1R0M50
C	883	CEJA101M16	C	1212	CEJA1R0M50
C	891	CEJA101M10	C	1213	CKSQYB104K50
C	892	CKSQYB103K50	C	1214	CEJA100M16
C	901	CEAS101M25	C	1215	CKSQYB472K50
C	902	CEAS471M25	C	1216	CEJA1R0M50
C	903	CEJA220M10	C	1217	CEJA100M16
C	911	CKSQYB103K50	C	1218	CKSQYB105K10
C	912	CEJA470M10	C	1219	CKSQYB105K10
C	913	CKSQYB472K50	C	1220	CKSQYB105K10
C	914	CCH1312	C	1221	CKSQYB105K10
C	915	CEJA101M16	C	1222	CEJA100M16
C	916	CKSQYB103K50	C	1223	CEJA100M16
C	921	CKSQYB104K50	C	1224	CKSQYB104K50
C	922	CKSQYB473K50	C	1225	CKSQYB103K50
C	941	CCH1181	C	1226	CEJA100M16
C	942	CKSQYB103K50	C	1227	CCH1182
C	943	CEJA101M16	C	1228	CKSQYB102K50
C	951	CKSQYB472K50	C	1229	CEJA100M16
C	952	CKSYB103K50	C	1230	CEJA100M16
C	955	CKSYB472K50	C	1235	CKSQYB103K50
C	971	CEJA2R2M50	C	1236	CKSQYB103K50
C	1001	CEJA100M16	C	1237	CKSQYB103K50
C	1002	CEJA100M16	C	1238	CKSQYB103K50
C	1004	CKSQYB104K50	C	1239	CKSQYB103K50
C	1005	CEJA100M16	C	1240	CKSQYB103K50
C	1006	CKSQYB104K50	C	1245	CKSQYB102K50
C	1051	CKSQYB471K50	C	1246	CKSQYB102K50
C	1052	CKSQYB471K50	C	1247	CKSQYB105K10
C	1053	CKSQYB471K50	C	1248	CKSQYB105K10
C	1054	CKSQYB471K50	C	1251	CCSQCH470J50
C	1055	CEJA4R7M35	C	1252	CCSQCH100J50
C	1056	CEJA4R7M35	C	1253	CEJA100M16
C	1057	CEJA4R7M35	C	1254	CKSQYB104K50
C	1058	CEJA4R7M35	C	1255	CCSQCH471J50
C	1059	CEJA1R0M50	C	1256	CCSQCH100J50
C	1060	CEJA220M16	C	1257	CKSQYB103K25
C	1061	CEJA101M10	C	1258	CKSQYB103K25
C	1062	CKSQYB471K50	C	1259	CKSQYB103K25

====Circuit Symbol & No.===Part Name	Part No.	====Circuit Symbol & No.===Part Name	Part No.
C 1260	CKSQYB103K25	IC 1052 IC	BA3121F
C 1261	CKSQYB103K25	IC 1053 IC	BA3129F
C 1262	CKSQYB103K25	IC 1201 IC	CXA2060BS
C 1263	CCSRCH221J50	IC 1202 IC	NJM2246M
C 1264	CCSRCH221J50	IC 1203 IC	BA3129F
C 1265	CCSRCH221J50	IC 1204 IC	TC74HC123AF
C 1301	CCSQCH510J50	IC 1301 IC	PD0267BM
C 1302	CKSQYB474K16	IC 1302 IC	TC7W32FU
C 1303	CEV100M16	IC 1305 IC	NJM2235V
C 1304	CKSQYB103K50	IC 1306 IC	NJM2246M
C 1305	CKSQYB103K50	IC 1307 IC	NJM2246M
C 1306	CEV100M16	IC 1308 IC	NJM2246M
C 1307	CEV100M16	IC 1309 IC	TC7W34FU
C 1308	CKSQYB103K50	IC 1310 IC	BA7623F
C 1309	CKSQYB105K10	IC 1311 IC	NJM2267M
C 1310	CKSQYB105K10	Q 101 Transistor	2SA1037K
C 1311	CKSQYB105K10	Q 102 Transistor	DTC124EK
C 1312	CKSQYB103K50	Q 171 Transistor	DTC144EK
C 1323	CKSQYB104K50	Q 252 Transistor	DTC323TK
C 1324	CKSQYB103K50	Q 253 Transistor	IMD2A
C 1325	CEV470M6R3	Q 254 Transistor	DTA124EK
C 1326	CEV100M16	Q 255 Transistor	DTC143TK
C 1327	CKSQYB104K50	Q 256 Transistor	DTC143TK
C 1328	CKSQYB103K50	Q 301 Transistor	DTC124EK
C 1329	CKSQYB473K25	Q 355 Transistor	IMH3A
C 1330	CKSQYB105K10	Q 356 Transistor	IMH3A
C 1331	CEV100M16	Q 357 Transistor	IMH3A
C 1332	CKSQYB103K50	Q 401 Transistor	DTC323TK
C 1333	CKSQYB105K10	Q 402 Transistor	DTC323TK
C 1334	CEV100M16	Q 403 Transistor	DTC323TK
C 1335	CKSQYB103K50	Q 404 Transistor	DTC323TK
C 1336	CKSQYB105K10	Q 405 Transistor	DTC323TK
C 1337	CEV100M16	Q 406 Transistor	DTC323TK
C 1338	CKSQYB103K50	Q 407 Transistor	DTC323TK
C 1342 470μF/6.3V	CCH1182	Q 408 Transistor	DTC323TK
C 1343 470μF/6.3V	CCH1182	Q 409 Transistor	2SA1037K
C 1344 470μF/6.3V	CCH1182	Q 410 Transistor	DTC144EK
C 1345	CKSQYB103K50	Q 412 Transistor	2SC2412K
C 1346	CEJA470M6R3	Q 413 Transistor	2SC2412K
C 1347	CEJA1R0M50	Q 501 Transistor	IMH3A
C 1348	CEJA220M10	Q 502 Transistor	DTA114EK
C 1349	CEJA221M6R3	Q 503 Transistor	2SD1757K
C 1350	CKSQYB103K50	Q 504 Transistor	2SD1757K
C 1351	CKSQYB103K50	Q 505 Transistor	2SC2412K
		Q 506 Transistor	2SC2412K
		Q 551 Transistor	DTA124EK
		Q 601 Transistor	DTA114EK
		Q 602 Transistor	2SA1037K
		Q 603 Transistor	2SC2412K
		Q 604 Transistor	DTA124EK
		Q 605 Transistor	2SC2412K
		Q 881 Transistor	2SD2396
		Q 882 Transistor	2SA1037K
		Q 883 Transistor	DTC144EK
		Q 884 Transistor	2SA1797
		Q 885 Transistor	2SC2412K
		Q 891 Transistor	2SD2343
		Q 901 Transistor	2SB1184F5
		Q 902 Transistor	2SC2412K
		Q 903 Transistor	2SA1797
		Q 904 Transistor	DTC114EK
		Q 911 Transistor	2SD1760F5
		Q 912 Transistor	IMD2A
		Q 941 Transistor	2SD2396
		Q 942 Transistor	2SA1797
IC 101 IC	TA2050S		
IC 102 IC	CA0008AM		
IC 131 IC	NJM4558MD		
IC 171 IC	PAL005A		
IC 201 IC	PM0008BF		
IC 251 IC	NJM2068MD		
IC 252 IC	NJM2068MD		
IC 253 IC	NJM2068MD		
IC 301 IC	TDA7052BT		
IC 302 IC	NJM4558MD		
IC 303 IC	NJM4558MD		
IC 551 IC	PM4009A		
IC 601 IC	PE5034A		
IC 602 IC	PE5037A		
IC 603 IC	PDH016A		
IC 901 IC	BA09SFP		
IC 921 IC	TPD1018F		
IC 971 IC	S-80734ANDYI		
IC 1001 IC	NJM4558MD		
IC 1051 IC	BA3121F		

A Unit Number : CWM6334(AVM-P7000R/EW)
Unit Name : Tuner Amp Unit

MISCELLANEOUS

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
Q 943 Transistor	DTC144EK	D 1102 Zener Diode	MA8120(H)
Q 951 Transistor	DTC124EK	D 1103 Zener Diode	MA8120(H)
Q 952 Transistor	IMX1	D 1104 Zener Diode	MA8120(H)
Q 953 Transistor	2SA1037K	D 1105 Zener Diode	MA8120(H)
Q 961 Transistor	2SA1037K	D 1106 Zener Diode	MA8120(H)
Q 991 Transistor	2SA1037K	D 1107 Zener Diode	MA8120(H)
Q 1001 Transistor	DTA114EK	D 1108 Zener Diode	MA8120(H)
Q 1002 Transistor	2SC2412K	D 1109 Zener Diode	MA8120(H)
Q 1101 Transistor	DTA143EK	D 1111 Zener Diode	MA8120(H)
Q 1111 Transistor	DTC124EK	D 1114 Zener Diode	MA8120(H)
Q 1201 Transistor	2SC2412K	D 1115 Zener Diode	MA8120(H)
Q 1202 Transistor	2SA1037K	D 1201 Diode	MA110
Q 1203 Transistor	2SC2412K	D 1202 Diode	MA110
Q 1204 Transistor	2SA1037K	D 1203 Zener Diode	MA8120(H)
Q 1205 Transistor	2SA1037K	D 1204 Zener Diode	MA8120(H)
Q 1206 Transistor	2SA1037K	D 1205 Diode	MA8039(H)
Q 1207 Transistor	2SA1037K	L 101 Inductor	LCTB3R3K2125
Q 1208 Transistor	DTC124EK	L 501 Inductor	LCTA100J3225
Q 1209 Transistor	DTC323TK	L 502 Inductor	LCTA2R2J3225
Q 1210 Transistor	DTC323TK	L 503 Inductor	LCTB4R7K2125
Q 1211 Transistor	DTA114EK	L 505 Inductor	CTF1399
Q 1212 Transistor	2SC2412K	L 551 Inductor	CTF1399
Q 1213 Transistor	2SC2412K	L 552 Inductor	LCTA100J3225
Q 1214 Transistor	2SC2412K	L 553 Inductor	CTF1379
Q 1215 Transistor	2SA1037K	L 554 Inductor	CTF1379
Q 1216 Transistor	2SA1037K	L 555 Inductor	CTF1379
D 171 Diode	MA152WK	L 556 Inductor	CTF1379
D 352 Diode	MA110	L 557 Inductor	CTF1379
D 401 Diode	MA152WK	L 601 Inductor	LCTB2R2K2125
D 402 Diode	HZS9L(A2)	L 602 Inductor	CTF1399
D 881 Diode	HZS9L(B3)	L 603 Inductor	LCTA2R2J3225
D 891 Diode	HZS6L(B1)	L 604 Inductor	LCTA2R2J3225
D 901 Diode	ERA15-02	L 605 Inductor	LCTB2R2K2125
D 902 Diode	ERA15-02	L 606 Inductor	LCTA2R2J3225
D 903 Diode	ERA15-02	L 607 Inductor	LCTA2R2J3225
D 911 Diode	ERA15-02	L 608 Inductor	CTF1306
D 912 Diode	HZS6L(B1)	L 609 Inductor	CTF1306
D 921 Diode	ERA15-02	L 611 Inductor	CTF1379
D 922 Diode	ERA15-02	L 612 Inductor	CTF1399
D 941 Diode	HZS9L(B3)	L 613 Inductor	CTF1379
D 951 Diode	ERA15-02	L 614 Inductor	CTF1379
D 952 Diode	MA8075(H)	L 616 Inductor	CTF1379
D 953 Diode	HZS7L(A1)	L 617 Inductor	CTF1379
D 954 Diode	MA152WK	L 901 Coil	CTH1170
D 961 Diode	MA152WK	L 902	LCTA2R2J3225
D 971 Diode	MA152K	L 903 Choke Coil 100μH	CTH1157
D 991 Diode	MA152WK	L 904 Choke Coil 2mH	CTH1074
D 1002 Zener Diode	MA8120(H)	L 961 Ferri-Inductor	LAU2R2K
D 1003 Zener Diode	MA8120(H)	L 971 Inductor	CTF1399
D 1004 Zener Diode	MA8120(H)	L 991	LCTA2R2J3225
D 1005 Zener Diode	MA8120(H)	L 1002 Inductor	CTF1305
D 1007 Zener Diode	MA8120(H)	L 1003 Inductor	CTF1305
D 1008 Zener Diode	MA8120(H)	L 1004 Inductor	CTF1305
D 1009 Zener Diode	MA8120(H)	L 1005 Inductor	CTF1305
D 1010 Zener Diode	MA8120(H)	L 1006 Inductor	CTF1399
D 1011 Zener Diode	MA8120(H)	L 1051 Inductor	LCTB2R2K2125
D 1051 Diode	MA110	L 1052 Inductor	LCTB2R2K2125
D 1052 Zener Diode	MA8120(H)	L 1053 Inductor	LCTB2R2K2125
D 1053 Diode	MA110	L 1054 Inductor	LCTB2R2K2125
D 1054 Zener Diode	MA8120(H)	L 1101 Inductor	CTF1305
D 1056 Zener Diode	MA8120(H)	L 1102 Inductor	CTF1305
D 1057 Zener Diode	MA8120(H)	L 1103 Inductor	CTF1305
D 1058 Zener Diode	MA8120(H)	L 1104 Inductor	CTF1305
D 1059 Zener Diode	MA8120(H)	L 1105 Inductor	CTF1399
D 1101 Zener Diode	MA8120(H)	L 1106 Inductor	CTF1399

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
L 1107 Inductor	CTF1399	R 143	RN1/10SE2201D
L 1109 Inductor	CTF1399	R 144	RN1/10SE2201D
L 1201 Inductor	LCTA2R2J3225	R 145	RS1/10S103J
L 1202 Inductor	LCTA2R2J3225	R 146	RS1/10S103J
L 1203 Inductor	LCTB4R7K2125	R 171	RS1/10S0R0J
L 1204 Inductor	LCTB100K2125	R 172	RS1/10S331J
L 1205 Inductor	LCTB2R2K1608	R 173	RS1/10S103J
L 1206 Inductor	LCTB2R2K1608	R 174	RS1/10S103J
L 1207 Inductor	LCTB2R2K1608	R 175	RS1/10S273J
L 1301 Inductor	LCTA4R7J3225	R 201	RS1/10S102J
L 1302 Inductor	LCTA4R7J3225	R 202	RS1/10S102J
L 1303 Inductor	LCTA4R7J3225	R 203	RS1/10S332J
L 1304 Inductor	LCTB4R7K2125	R 204	RS1/10S332J
L 1307 Inductor	LCTB4R7K2125	R 211	RS1/10S272J
L 1308 Inductor	LCTB4R7K2125	R 212	RS1/10S272J
L 1309 Inductor	LCTB4R7K2125	R 213	RS1/10S151J
L 1310 Inductor	LCTB4R7K2125	R 214	RS1/10S151J
L 1311 Inductor	LCTB4R7K2125	R 215	RS1/10S101J
L 1312 Inductor	LCTA680J3225	R 216	RS1/10S101J
L 1313 Inductor	LCTA680J3225	R 251	RS1/10S0R0J
X 551 Crystal Resonator 3.648MHz	CSS1447	R 252	RS1/10S821J
X 601 Radiator 12.58291MHz	CSS1402	R 253	RS1/10S473J
X 602 Radiator 12.58291MHz	CSS1402	R 254	RS1/10S104J
X 1201 Crystal Resonator 4.433619MHz	CSS1460	R 255	RS1/10S103J
X 1202 Crystal Resonator 3.579545MHz	CSS1465	R 256	RS1/10S103J
S 971 Switch(RESET)	CSG1046	R 257	RS1/10S0R0J
VR 1201 Semi-fixed 100kΩ(B)	CCP1133	R 259	RS1/10S101J
FU 901 Micro-Fuse 500mA	CEK1185	R 260	RS1/10S101J
FU 902 Micro-Fuse 1A	CEK1187	R 261	RS1/10S104J
FU 1101 Micro-Fuse 2A	CEK1190	R 262	RS1/10S104J
FU 1102 Micro-Fuse 2A	CEK1190	R 263	RS1/10S0R0J
FU 1103 Micro-Fuse 2A	CEK1190	R 264	RS1/10S0R0J
FU 1202 Micro-Fuse 2A	CEK1190	R 265	RS1/10S102J
AR 501	DSP-201M	R 266	RS1/10S102J
		R 269	RS1/10S102J
RESISTORS		R 270	RS1/10S102J
R 103	RS1/10S101J	R 273	RS1/10S103J
R 104	RS1/10S101J	R 274	RS1/10S103J
R 105	RS1/10S620J	R 275	RS1/10S103J
R 106	RS1/10S222J	R 276	RS1/10S103J
R 107	RS1/10S332J		
R 108	RS1/10S562J	R 303	RS1/10S101J
R 109	RS1/10S0R0J	R 304	RS1/10S473J
R 111	RS1/16S102J	R 305	RS1/10S473J
R 112	RS1/16S102J	R 306	RS1/10S222J
R 113	RS1/16S473J	R 307	RS1/10S222J
R 114	RS1/16S473J	R 308	RS1/10S104J
R 115	RS1/16S103J	R 309	RS1/10S104J
R 116	RS1/10S181J	R 310	RS1/10S101J
R 117	RS1/10S223J	R 311	RS1/10S0R0J
R 118	RS1/10S102J	R 312	RS1/10S102J
R 119	RS1/10S102J	R 322	RS1/10S223J
R 120	RS1/10S223J	R 323	RS1/10S222J
R 121	RS1/10S181J	R 324	RS1/10S223J
R 131	RS1/10S102J	R 325	RS1/10S0R0J
R 132	RS1/10S102J	R 326	RS1/10S223J
R 133	RS1/10S104J	R 328	RS1/10S0R0J
R 134	RS1/10S104J	R 330	RS1/16S473J
R 135	RS1/10S104J	R 331	RS1/10S681J
R 136	RS1/10S104J	R 333	RS1/10S223J
R 137 (RN1/10SE1002D)	GGC1320	R 385	RS1/10S821J
R 138 (RN1/10SE1002D)	GGC1320	R 386	RS1/10S821J
R 139 (RN1/10SE1002D)	GGC1320	R 387	RS1/10S821J
R 140 (RN1/10SE1002D)	GGC1320	R 388	RS1/10S821J
R 141	RN1/10SE2201D	R 389	RS1/10S183J
R 142	RN1/10SE2201D	R 390	RS1/10S183J

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
R 391	RS1/10S183J	R 544	RS1/10S0R0J
R 392	RS1/10S183J	R 551	RA3C102J
R 393	RS1/10S821J	R 555	RS1/16S0R0J
R 394	RS1/10S821J	R 560	RS1/16S102J
R 395	RS1/10S223J	R 561	RS1/16S681J
R 396	RS1/10S223J	R 562	RS1/16S0R0J
R 401	RS1/10S471J	R 563	RS1/16S0R0J
R 402	RS1/10S471J	R 564	RS1/16S225J
R 403	RS1/10S471J	R 601	RS1/16S473J
R 404	RS1/10S471J	R 602	RS1/16S473J
R 405	RS1/10S471J	R 603	RS1/16S473J
R 406	RS1/10S471J	R 606	RS1/16S102J
R 407	RS1/10S471J	R 615	RS1/16S473J
R 408	RS1/10S471J	R 616	RS1/16S473J
R 409	RS1/10S473J	R 618	RS1/16S393J
R 410	RS1/10S473J	R 619	RS1/16S473J
R 411	RS1/10S473J	R 624	RS1/10S223J
R 412	RS1/10S473J	R 625	RS1/10S682J
R 413	RS1/10S103J	R 626	RS1/10S473J
R 414	RS1/10S333J	R 627	RS1/10S223J
R 415	RS1/10S102J	R 628	RS1/10S223J
R 416	RS1/10S473J	R 629	RS1/16S102J
R 417	RS1/10S224J	R 631	RS1/16S471J
R 418	RS1/10S473J	R 633	RS1/10S473J
R 419	RS1/10S103J	R 637	RS1/16S681J
R 420	RS1/10S473J	R 638	RS1/16S681J
R 421	RS1/10S152J	R 639	RA3C471J
R 501	RS1/10S473J	R 640	RS1/10S103J
R 502	RS1/10S473J	R 643	RS1/16S0R0J
R 503	RS1/10S681J	R 645	RS1/16S102J
R 504	RS1/10S681J	R 646	RS1/16S473J
R 505	RS1/10S473J	R 649	RS1/16S0R0J
R 507	RS1/10S681J	R 650	RS1/16S0R0J
R 509	RS1/10S162J	R 653	RS1/16S0R0J
R 510	RS1/10S162J	R 654	RS1/16S0R0J
R 511	RS1/10S272J	R 655	RS1/16S0R0J
R 512	RS1/10S272J	R 657	RS1/10S0R0J
R 515	RS1/10S104J	R 658	RS1/10S0R0J
R 516	RS1/10S104J	R 659	RS1/16S473J
R 517	RS1/10S224J	R 660	RS1/16S0R0J
R 518	RS1/10S224J	R 661	RS1/16S0R0J
R 519	RS1/10S222J	R 662	RS1/16S0R0J
R 520	RS1/10S222J	R 663	RS1/16S0R0J
R 521	RS1/10S223J	R 664	RA3C471J
R 522	RS1/10S223J	R 666	RS1/16S0R0J
R 523	RS1/10S473J	R 667	RS1/16S0R0J
R 524	RS1/10S472J	R 668	RS1/16S0R0J
R 525	RS1/10S473J	R 670	RS1/16S473J
R 526	RS1/10S473J	R 671	RS1/16S102J
R 527	RS1/10S472J	R 672	RS1/16S0R0J
R 528	RS1/10S224J	R 674	RS1/16S0R0J
R 529	RS1/10S103J	R 675	RS1/16S102J
R 530	RS1/10S393J	R 676	RS1/16S0R0J
R 531	RS1/10S681J	R 677	RS1/16S0R0J
R 532	RS1/10S0R0J	R 678	RS1/10S472J
R 533	RS1/10S681J	R 679	RS1/10S472J
R 534	RS1/10S681J	R 681	RS1/16S153J
R 535	RS1/10S681J	R 682	RS1/10S474J
R 536	RS1/10S681J	R 683	RS1/16S472J
R 537	RS1/10S681J	R 684	RS1/16S472J
R 538	RS1/10S473J	R 685	RS1/16S472J
R 539	RS1/10S473J	R 686	RS1/10S473J
R 540	RS1/10S102J	R 687	RS1/16S0R0J
R 542	RS1/10S222J	R 881	RS1/10S561J
R 543	RS1/10S222J	R 882	RS1/10S223J

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
R 883	RS1/10S473J	R 1029	RS1/10S473J
R 884	RS1/10S473J	R 1030	RS1/10S473J
R 885	RS1/10S472J	R 1051	RS1/10S750J
R 886	RS1/10S102J	R 1052	RS1/10S101J
R 887	RS1/10S273J	R 1053	RS1/10S101J
R 888	RS1/10S273J	R 1054	RS1/10S223J
R 891	RS1/10S271J	R 1055	RS1/10S223J
R 901	RS1/10S472J	R 1056	RS1/10S102J
R 902	RD1/4PU271J	R 1057	RS1/10S102J
R 903	RD1/4PU271J	R 1058	RS1/10S223J
R 904	RS1/10S822J	R 1059	RS1/10S223J
R 905	RS1/10S822J	R 1060	RS1/10S220J
R 906	RS1/10S102J	R 1061	RS1/10S101J
R 907	RS1/10S472J	R 1062	RS1/10S101J
R 908	RS1/10S102J	R 1063	RS1/10S223J
R 909	RS1/10S472J	R 1064	RS1/10S223J
R 910	RS1/10S472J	R 1065	RS1/10S102J
R 911	RS1/10S752J	R 1066	RS1/10S102J
R 912	RS1/10S101J	R 1067	RS1/10S223J
R 913	RS1/10S392J	R 1068	RS1/10S223J
R 914	RS1/10S221J	R 1069	RS1/10S220J
R 921	RS1/10S102J	R 1070	RS1/10S750J
R 943	RS1/4S431J	R 1071	RS1/10S303J
R 944	RS1/4S122J	R 1072	RS1/10S303J
R 945	RS1/10S331J	R 1073	RS1/10S303J
R 951	RS1/10S103J	R 1074	RS1/10S303J
R 952	RS1/10S103J	R 1079	RS1/16S0R0J
R 953	RS1/10S473J	R 1080	RS1/16S0R0J
R 954	RS1/10S103J	R 1081	RS1/16S0R0J
R 955	RS1/10S473J	R 1082	RS1/16S0R0J
R 956	RS1/10S472J	R 1083	RS1/10S821J
R 957	RS1/16S102J	R 1084	RS1/10S821J
R 958	RS1/10S472J	R 1085	RS1/10S223J
R 959	RS1/10S473J	R 1086	RS1/10S223J
R 960	RS1/8S103J	R 1087	RS1/10S123J
R 962	RS1/8S153J	R 1088	RS1/10S123J
R 963	RS1/10S472J	R 1089	RS1/10S220J
R 964	RS1/10S472J	R 1090	RS1/10S104J
R 965	RS1/10S102J	R 1091	RS1/10S473J
R 971	RS1/10S822J	R 1093	RS1/10S102J
R 972	RS1/10S102J	R 1094	RS1/10S102J
R 973	RS1/10S471J	R 1103	RS1/10S0R0J
R 991	RS1/8S153J	R 1104	RS1/10S0R0J
R 992	RS1/10S472J	R 1105	RS1/10S0R0J
R 993	RS1/10S472J	R 1107	RS1/10S0R0J
R 994	RS1/16S102J	R 1111	RS1/10S0R0J
R 1001	RS1/16S750J	R 1114	RS1/10S0R0J
R 1002	RS1/16S750J	R 1115	RS1/10S0R0J
R 1003	RS1/16S750J	R 1201	RS1/10S471J
R 1004	RS1/16S750J	R 1202	RS1/10S471J
R 1005	RS1/10S333J	R 1203	RS1/10S471J
R 1006	RS1/10S103J	R 1204	RS1/10S103J
R 1007	RS1/10S104J	R 1205	RS1/10S101J
R 1008	RS1/10S473J	R 1206	RS1/10S101J
R 1009	RS1/10S0R0J	R 1207	RS1/10S0R0J
R 1010	RS1/10S0R0J	R 1208	GGC1320
R 1011	RS1/10S0R0J	R 1209	RS1/10S471J
R 1012	RS1/10S472J	1210	RS1/10S471J
R 1013	RS1/10S0R0J	R 1212	RS1/10S102J
R 1014	RS1/10S0R0J	R 1215	RS1/16S102J
R 1024	RS1/10S101J	R 1216	RS1/10S222J
R 1025	RS1/10S473J	R 1217	RS1/10S123J
R 1026	RS1/10S473J	R 1218	RS1/10S222J
R 1027	RS1/10S472J	R 1219	RS1/10S222J
R 1028	RS1/10S472J	R 1220	RS1/16S102J

====Circuit Symbol & No.===Part Name		Part No.	====Circuit Symbol & No.===Part Name		Part No.
R	1221	RS1/16S331J	R	1334	RS1/10S750J
R	1222	RS1/16S102J	R	1335	RS1/10S104J
R	1223	RS1/16S331J	R	1337	RS1/10S750J
R	1224	RS1/16S102J	R	1339	RS1/10S0R0J
R	1225	RS1/16S331J	R	1340	RS1/10S0R0J
R	1226	RS1/10S0R0J	R	1342	RS1/16S224J
R	1227	RS1/10S0R0J	R	1345	RS1/16S224J
R	1228	RS1/10S681J	R	1348	RS1/16S224J
R	1229	RS1/10S101J	R	1353	RS1/16S471J
R	1230	RS1/10S680J	R	1354	RS1/16S471J
R	1231	RS1/10S750J	R	1355	RS1/16S471J
R	1232	RS1/10S0R0J	R	1356	RS1/16S471J
R	1233	RS1/10S123J	CAPACITORS		
R	1234	RS1/10S123J			
R	1235	RS1/10S473J			
R	1236	RS1/10S473J			
R	1237	RS1/10S473J			
R	1238	RS1/10S473J	C	101	CKSQYB104K50
R	1239	RS1/10S472J	C	102	CKSQYB104K50
R	1240	RS1/10S472J	C	104	CEJA100M16
R	1241	RS1/10S472J	C	105	CKSQYB105K10
R	1242	RS1/10S472J	C	106	CKSQYB105K10
R	1243	RS1/10S562J	C	107	CEJA100M16
R	1244	RS1/10S562J	C	108	CKSQYB105K10
R	1245	RS1/10S562J	C	109	CKSQYB105K10
R	1246	RS1/10S562J	C	131	CEJANP100M10
R	1247	RS1/10S821J	C	132	CEJANP100M10
R	1248	RS1/10S821J	C	133	CEJANP100M10
R	1249	RS1/10S223J	C	134	CEJANP100M10
R	1250	RS1/10S223J	C	135	CCSQCH471J50
R	1251	RS1/10S223J	C	136	CCSQCH471J50
R	1252	RS1/10S223J	C	137	CCSQCH471J50
R	1253	RS1/10S220J	C	138	CCSQCH471J50
R	1254	RS1/10S104J	C	139	CKSQYB103K50
R	1255	RS1/10S473J	C	140	CEJA101M10
R	1256	RS1/10S101J	C	141	CEJANP4R7M16
R	1257	RS1/16S101J	C	142	CEJANP4R7M16
R	1258	RS1/10S101J	C	171	CKSYB224K25
R	1259	RS1/10S101J	C	172	CKSYB224K25
R	1260	GGC1320	C	173	CKSYB224K25
R	1261	RS1/10S681J	C	174	CKSYB224K25
R	1262	GGC1320	C	175	CEJA330M16
R	1263	RS1/16S101J	C	177	CCH1125
R	1264	RS1/16S103J	C	178	CKSQYB104K50
R	1265	RS1/16S103J	C	179	CEHAR100M16
R	1301	RS1/10S102J	C	180	CKSYB105K16
R	1302	RS1/10S512J	C	201	CKSQYB105K10
R	1303	RS1/10S105J	C	202	CKSQYB105K10
R	1304	RS1/10S0R0J	C	203	CKSQYB105K10
R	1305	RS1/10S0R0J	C	204	CKSQYB105K10
R	1306	RS1/10S0R0J	C	207	CEJA470M10
R	1307	RS1/10S0R0J	C	208	CKSQYB104K50
R	1308	RS1/16S562J	C	209	CEJA100M16
R	1309	RS1/16S562J	C	211	CKSQYB822K50
R	1310	RS1/16S562J	C	212	CKSQYB822K50
R	1311	RS1/10S102J	C	213	CEJA1R0M50
R	1312	RS1/10S102J	C	214	CEJA1R0M50
R	1313	RS1/10S102J	C	215	CKSQYB152K50
R	1321	RS1/16S102J	C	216	CKSQYB152K50
R	1322	RS1/16S102J	C	217	CEJANP100M10
R	1323	RS1/10S0R0J	C	218	CEJANP100M10
R	1324	RS1/10S0R0J	C	219	CKSQYB183K50
R	1325	RS1/10S0R0J	C	220	CKSQYB183K50
R	1332	RS1/10S750J	C	221	CEJANP100M10
R	1333	RS1/10S750J	C	222	CEJANP100M10
			C	223	CKSYB334K16
			C	224	CKSYB334K16

====Circuit Symbol & No.====Part Name	Part No.	====Circuit Symbol & No.====Part Name	Part No.
C 225	CKSQYB103K50	C 561	CKSQYB104K50
C 226	CKSQYB103K50	C 601	CCSRCH200J50
C 227	CKSYB105K16	C 602	CCSRCH200J50
C 228	CKSYB105K16	C 603	CEJA100M16
C 229	CKSQYB823K50	C 604	CCSQCH101J50
C 230	CKSQYB823K50	C 605	CCSRCH101J50
C 231	CKSQYB333K50	C 608	CCSRCH101J50
C 232	CKSQYB333K50	C 611	CEJA100M16
C 233	CKSQYB104K50	C 612	CCSQCH101J50
C 234	CKSQYB473K50	C 613	CEJA100M16
C 235	CKSQYB562K50	C 616	CKSQYB104K50
C 236	CKSQYB104K50	C 620	CKSRYB102K50
C 238	CCSQCH470J50	C 622	CCSQCH180J50
C 239	CKSQYB105K10	C 623	CCSQCH180J50
C 240	CKSQYB105K10	C 624	CEJA100M16
C 251	CKSYB224K25	C 625	CCSQCH101J50
C 252	CKSYB224K25	C 626	CEJA100M16
C 254	CEJA100M16	C 627	CCSQCH101J50
C 255	CEJA1R0M50	C 630	CGCYX472K25
C 256	CEJA1R0M50	C 631	CCSRCH330J50
C 261	CCSQCH151J50	C 632	CCSRCH330J50
C 262	CCSQCH151J50	C 633	CCSRCH101J50
C 263	CEJA100M16	C 634	CKSRYB102K50
C 301	CKSQYB222K50	C 635	CKSRYB102K50
C 302	CKSQYB105K10	C 636	CKSRYB473K16
C 303	CKSQYB104K50	C 637	CCSRCH101J50
C 304	CEJA101M10	C 638	CKSQYB104K16
C 305	CEJANP1R0M50	C 882	CKSQYB103K50
C 306	CKSQYB104K50	C 883	CEJA101M16
C 307	CEJA100M16	C 891	CEJA101M10
C 308	CEJANP100M10	C 892	CKSQYB103K50
C 309	CEJANP100M10	C 901	CEAS101M25
C 310	CEJA1R0M50	C 902	CEAS471M25
C 313	CKSQYB681K50	C 903	CEJA220M10
C 315	CCSQCH101J50	C 911	CKSQYB103K50
C 316	CEJA100M16	C 912	CEJA470M10
C 373	CEJA4R7M35	C 913	CKSQYB472K50
C 374	CEJA4R7M35	C 914	CCH1312
C 375	CEJA4R7M35	C 915	CEJA101M16
C 376	CEJA4R7M35	C 916	CKSQYB103K50
C 381	CEJA3R3M50	C 921	CKSQYB104K50
C 382	CEJA3R3M50	C 922	CKSQYB473K50
C 401	CEJA1R0M50	C 941	CCH1181
C 402	CEJA1R0M50	C 942	CKSQYB103K50
C 403	CEJA1R0M50	C 943	CEJA101M16
C 404	CEJA1R0M50	C 951	CKSQYB472K50
C 501	CKSQYB182K50	C 952	CKSYB103K50
C 503	CKSQYB123K25	C 955	CKSYB472K50
C 504	CKSQYB123K25	C 971	CEJA2R2M50
C 505	CEJA1R0M50	C 1001	CEJA100M16
C 506	CEJA1R0M50	C 1002	CEJA100M16
C 507	CKSQYB473K50	C 1004	CKSQYB104K50
C 508	CEJA101M6R3	C 1005	CEJA100M16
C 509	CKSQYB223K50	C 1006	CKSQYB104K50
C 510	CKSQYB472K50	C 1051	CKSQYB471K50
C 511	CKSQYB102K50	C 1052	CKSQYB471K50
C 512	CEJA220M10	C 1053	CKSQYB471K50
C 514	CKSQYB223K50	C 1054	CKSQYB471K50
C 515	CKSQYB103K50	C 1055	CEJA4R7M35
C 553	CCSQCH270J50	C 1056	CEJA4R7M35
C 554	CCSQCH270J50	C 1057	CEJA4R7M35
C 557	CKSQYB104K50	C 1058	CEJA4R7M35
C 558	CKSRYB471K50	C 1059	CEJA1R0M50
C 559	CKSRYB471K50	C 1060	CEJA220M16
C 560	CEJA220M6R3	C 1061	CEJA101M10

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
C 1062	CKSQYB471K50	C 1258	CKSQYB103K25
C 1063	CKSQYB471K50	C 1259	CKSQYB103K25
C 1064	CKSQYB471K50	C 1260	CKSQYB103K25
C 1065	CEJA4R7M35	C 1261	CKSQYB103K25
C 1066	CEJA4R7M35	C 1262	CKSQYB103K25
C 1067	CEJA4R7M35	C 1263	CCSRCH221J50
C 1068	CEJA4R7M35	C 1264	CCSRCH221J50
C 1069	CKSQYB471K50	C 1265	CCSRCH221J50
C 1070	CEJA220M16	C 1301	CCSQCH510J50
C 1071	CEJA1R0M50	C 1302	CKSQYB474K16
C 1072	CEJA101M10	C 1303	CEV100M16
C 1073	CEJA100M16	C 1304	CKSQYB103K50
C 1078	CKSQYB102K50	C 1305	CKSQYB103K50
C 1079	CKSQYB102K50	C 1306	CEV100M16
C 1080	CKSQYB102K50	C 1307	CEV100M16
C 1081	CEJA100M16	C 1308	CKSQYB103K50
C 1142	CEJA470M6R3	C 1309	CKSQYB105K10
C 1178	CKSQYB103K50	C 1310	CKSQYB105K10
C 1201	CCSQCH180J50	C 1311	CKSQYB105K10
C 1202	CCSQCH180J50	C 1312	CKSQYB103K50
C 1203	CKSQYB224K16	C 1323	CKSQYB104K50
C 1204	CCSQCH221J50	C 1324	CKSQYB103K50
C 1205	CKSQYB104K50	C 1325	CEV470M6R3
C 1206	CEJA1R0M50	C 1326	CEV100M16
C 1207	CEJA4R7M35	C 1327	CKSQYB104K50
C 1208	CEJA1R0M50	C 1328	CKSQYB103K50
C 1209	CKSQYB104K50	C 1329	CKSQYB473K25
C 1210	CEJA470M10	C 1330	CKSQYB105K10
C 1211	CEJA1R0M50	C 1331	CEV100M16
C 1212	CEJA1R0M50	C 1332	CKSQYB103K50
C 1213	CKSQYB104K50	C 1333	CKSQYB105K10
C 1214	CEJA100M16	C 1334	CEV100M16
C 1215	CKSQYB472K50	C 1335	CKSQYB103K50
C 1216	CEJA1R0M50	C 1336	CKSQYB105K10
C 1217	CEJA100M16	C 1337	CEV100M16
C 1218	CKSQYB105K10	C 1338	CKSQYB103K50
C 1219	CKSQYB105K10	C 1342	470μF/6.3V
C 1220	CKSQYB105K10	C 1343	470μF/6.3V
C 1221	CKSQYB105K10	C 1344	470μF/6.3V
C 1222	CEJA100M16	C 1345	CKSQYB103K50
C 1223	CEJA100M16	C 1346	CEJA470M6R3
C 1224	CKSQYB104K50	C 1347	CEJA1R0M50
C 1225	CKSQYB103K50	C 1348	CEJA220M10
C 1226	CEJA100M16	C 1349	CEJA221M6R3
C 1227	CCH1182	C 1350	CKSQYB103K50
C 1228	CKSQYB102K50	C 1351	CKSQYB103K50
C 1229	CEJA100M16		
C 1230	CEJA100M16		
C 1235	CKSQYB103K50		
C 1236	CKSQYB103K50		
C 1237	CKSQYB103K50		
C 1238	CKSQYB103K50		
C 1239	CKSQYB103K50		
C 1240	CKSQYB103K50		
C 1245	CKSQYB102K50		
C 1246	CKSQYB102K50		
C 1247	CKSQYB105K10		
C 1248	CKSQYB105K10		
C 1251	CCSQCH470J50		
C 1252	CCSQCH100J50		
C 1253	CEJA100M16		
C 1254	CKSQYB104K50		
C 1255	CCSQCH471J50		
C 1256	CCSQCH100J50		
C 1257	CKSQYB103K25		

A Unit Number : CWM6337(AVM-P7000/ES)
Unit Name : Tuner Amp Unit

MISCELLANEOUS

IC 101	IC	TA2050S
IC 102	IC	CA0008AM
IC 131	IC	NJM4558MD
IC 171	IC	PAL005A
IC 201	IC	PM0008BF
IC 251	IC	NJM2068MD
IC 252	IC	NJM2068MD
IC 253	IC	NJM2068MD
IC 601	IC	PE5036A
IC 602	IC	PE5037A
IC 901	IC	BA09SFP
IC 921	IC	TPD1018F
IC 971	IC	S-80734ANDYI
IC 1051	IC	BA3121F
IC 1052	IC	BA3121F

====Circuit Symbol & No.===Part Name	Part No.	====Circuit Symbol & No.===Part Name	Part No.
IC 1053 IC	BA3129F	Q 1209 Transistor	DTC323TK
IC 1201 IC	CXA2060BS	Q 1210 Transistor	DTC323TK
IC 1202 IC	NJM2246M	Q 1211 Transistor	DTA114EK
IC 1203 IC	BA3129F	Q 1212 Transistor	2SC2412K
IC 1204 IC	TC74HC123AF	Q 1213 Transistor	2SC2412K
IC 1301 IC	PD0267BM	Q 1214 Transistor	2SC2412K
IC 1302 IC	TC7W32FU	Q 1215 Transistor	2SA1037K
IC 1305 IC	NJM2235V	Q 1216 Transistor	2SA1037K
IC 1306 IC	NJM2246M	D 171 Diode	MA152WK
IC 1307 IC	NJM2246M	D 352 Diode	MA110
IC 1308 IC	NJM2246M	D 401 Diode	MA152WK
IC 1309 IC	TC7W34FU	D 402 Diode	HZS9L(A2)
IC 1310 IC	BA7623F	D 881 Diode	HZS9L(B3)
IC 1311 IC	NJM2267M	D 891 Diode	HZS6L(B1)
Q 101 Transistor	2SA1037K	D 901 Diode	ERA15-02
Q 102 Transistor	DTC124EK	D 902 Diode	ERA15-02
Q 171 Transistor	DTC144EK	D 903 Diode	ERA15-02
Q 355 Transistor	IMH3A	D 911 Diode	ERA15-02
Q 356 Transistor	IMH3A	D 912 Diode	HZS6L(B1)
Q 357 Transistor	IMH3A	D 921 Diode	ERA15-02
Q 401 Transistor	DTC323TK	D 922 Diode	ERA15-02
Q 402 Transistor	DTC323TK	D 941 Diode	HZS9L(B3)
Q 403 Transistor	DTC323TK	D 951 Diode	ERA15-02
Q 404 Transistor	DTC323TK	D 952 Diode	MA8075(H)
Q 405 Transistor	DTC323TK	D 953 Diode	HZS7L(A1)
Q 406 Transistor	DTC323TK	D 954 Diode	MA152WK
Q 407 Transistor	DTC323TK	D 961 Diode	MA152WK
Q 408 Transistor	DTC323TK	D 971 Diode	MA152K
Q 409 Transistor	2SA1037K	D 1051 Diode	MA110
Q 410 Transistor	DTC144EK	D 1052 Zener Diode	MA8120(H)
Q 412 Transistor	2SC2412K	D 1053 Diode	MA110
Q 413 Transistor	2SC2412K	D 1054 Zener Diode	MA8120(H)
Q 506 Transistor	2SC2412K	D 1056 Zener Diode	MA8120(H)
Q 601 Transistor	DTA114EK	D 1057 Zener Diode	MA8120(H)
Q 602 Transistor	2SA1037K	D 1058 Zener Diode	MA8120(H)
Q 604 Transistor	DTA124EK	D 1059 Zener Diode	MA8120(H)
Q 881 Transistor	2SD2396	D 1101 Zener Diode	MA8120(H)
Q 882 Transistor	2SA1037K	D 1102 Zener Diode	MA8120(H)
Q 883 Transistor	DTC144EK	D 1103 Zener Diode	MA8120(H)
Q 884 Transistor	2SA1797	D 1104 Zener Diode	MA8120(H)
Q 885 Transistor	2SC2412K	D 1105 Zener Diode	MA8120(H)
Q 891 Transistor	2SD2343	D 1106 Zener Diode	MA8120(H)
Q 901 Transistor	2SB1184F5	D 1107 Zener Diode	MA8120(H)
Q 902 Transistor	2SC2412K	D 1108 Zener Diode	MA8120(H)
Q 903 Transistor	2SA1797	D 1109 Zener Diode	MA8120(H)
Q 904 Transistor	DTC114EK	D 1111 Zener Diode	MA8120(H)
Q 911 Transistor	2SD1760F5	D 1114 Zener Diode	MA8120(H)
Q 912 Transistor	IMD2A	D 1201 Diode	MA110
Q 941 Transistor	2SD2396	D 1202 Diode	MA110
Q 942 Transistor	2SA1797	D 1203 Zener Diode	MA8120(H)
Q 943 Transistor	DTC144EK	D 1204 Zener Diode	MA8120(H)
Q 951 Transistor	DTC124EK	D 1205 Diode	MA8039(H)
Q 952 Transistor	IMX1	L 101 Inductor	LCTB3R3K2125
Q 953 Transistor	2SA1037K	L 501 Inductor	LCTA100J3225
Q 961 Transistor	2SA1037K	L 502 Inductor	LCTA2R2J3225
Q 1101 Transistor	DTA143EK	L 503 Inductor	LCTB4R7K2125
Q 1111 Transistor	DTC124EK	L 504 Inductor	CTF1403
Q 1201 Transistor	2SC2412K	L 505 Inductor	CTF1399
Q 1202 Transistor	2SA1037K	L 601 Inductor	LCTB2R2K2125
Q 1203 Transistor	2SC2412K	L 602 Inductor	CTF1399
Q 1204 Transistor	2SA1037K	L 603 Inductor	LCTA2R2J3225
Q 1205 Transistor	2SA1037K	L 604 Inductor	LCTA2R2J3225
Q 1206 Transistor	2SA1037K	L 605 Inductor	LCTB2R2K2125
Q 1207 Transistor	2SA1037K	L 606 Inductor	LCTA2R2J3225
Q 1208 Transistor	DTC124EK	L 607 Inductor	LCTA2R2J3225

====Circuit Symbol & No.==Part Name			Part No.	====Circuit Symbol & No.==Part Name			Part No.
L	608	Inductor	CTF1306	R	114		RS1/16S473J
L	609	Inductor	CTF1306	R	115		RS1/16S103J
L	611	Inductor	CTF1379	R	116		RS1/10S181J
L	612	Inductor	CTF1399	R	117		RS1/10S223J
L	613	Inductor	CTF1379	R	118		RS1/10S102J
L	614	Inductor	CTF1379	R	119		RS1/10S102J
L	616	Inductor	CTF1379	R	120		RS1/10S223J
L	617	Inductor	CTF1379	R	121		RS1/10S181J
L	901	Coil	CTH1170	R	131		RS1/10S102J
L	902	Inductor	LCTA2R2J3225	R	132		RS1/10S102J
L	903	Choke Coil 100μH	CTH1157	R	133		RS1/10S104J
L	904	Choke Coil 2mH	CTH1074	R	134		RS1/10S104J
L	961	Ferri-Inductor	LAU2R2K	R	135		RS1/10S104J
L	971	Inductor	CTF1399	R	136		RS1/10S104J
L	1051	Inductor	LCTB2R2K2125	R	137	(RN1/10SE1002D)	GGC1320
L	1052	Inductor	LCTB2R2K2125	R	138	(RN1/10SE1002D)	GGC1320
L	1053	Inductor	LCTB2R2K2125	R	139	(RN1/10SE1002D)	GGC1320
L	1054	Inductor	LCTB2R2K2125	R	140	(RN1/10SE1002D)	GGC1320
L	1101	Inductor	CTF1305	R	141		RN1/10SE2201D
L	1102	Inductor	CTF1305	R	142		RN1/10SE2201D
L	1103	Inductor	CTF1305	R	143		RN1/10SE2201D
L	1104	Inductor	CTF1305	R	144		RN1/10SE2201D
L	1105	Inductor	CTF1399	R	145		RS1/10S103J
L	1106	Inductor	CTF1399	R	146		RS1/10S103J
L	1107	Inductor	CTF1399	R	171		RS1/10S0R0J
L	1109	Inductor	CTF1399	R	172		RS1/10S331J
L	1201	Inductor	LCTA2R2J3225	R	173		RS1/10S103J
L	1202	Inductor	LCTA2R2J3225	R	174		RS1/10S103J
L	1203	Inductor	LCTB4R7K2125	R	175		RS1/10S273J
L	1204	Inductor	LCTB100K2125	R	201		RS1/10S102J
L	1205	Inductor	LCTB2R2K1608	R	202		RS1/10S102J
L	1206	Inductor	LCTB2R2K1608	R	203		RS1/10S332J
L	1207	Inductor	LCTB2R2K1608	R	204		RS1/10S332J
L	1301	Inductor	LCTA4R7J3225	R	211		RS1/10S272J
L	1302	Inductor	LCTA4R7J3225	R	212		RS1/10S272J
L	1303	Inductor	LCTA4R7J3225	R	213		RS1/10S151J
L	1304	Inductor	LCTB4R7K2125	R	214		RS1/10S151J
L	1307	Inductor	LCTB4R7K2125	R	215		RS1/10S101J
L	1308	Inductor	LCTB4R7K2125	R	216		RS1/10S101J
L	1309	Inductor	LCTB4R7K2125	R	254		RS1/10S104J
L	1310	Inductor	LCTB4R7K2125	R	255		RS1/10S103J
L	1311	Inductor	LCTB4R7K2125	R	256		RS1/10S103J
L	1312	Inductor	LCTA680J3225	R	257		RS1/10S0R0J
L	1313	Inductor	LCTA680J3225	R	261		RS1/10S104J
X	601	Radiator 12.58291MHz	CSS1402	R	262		RS1/10S104J
X	602	Radiator 12.58291MHz	CSS1402	R	263		RS1/10S0R0J
X	1201	Crystal Resonator 4.433619MHz	CSS1460	R	264		RS1/10S0R0J
X	1202	Crystal Resonator 3.579545MHz	CSS1465	R	265		RS1/10S102J
S	971	Switch(RESET)	CSG1046	R	266		RS1/10S102J
VR	1201	Semi-fixed 100kΩ(B)	CCP1133	R	269		RS1/10S102J
FU	901	Micro-Fuse 500mA	CEK1185	R	270		RS1/10S102J
FU	902	Micro-Fuse 1A	CEK1187	R	273		RS1/10S103J
FU	1101	Micro-Fuse 2A	CEK1190	R	274		RS1/10S103J
FU	1102	Micro-Fuse 2A	CEK1190	R	275		RS1/10S103J
FU	1103	Micro-Fuse 2A	CEK1190	R	276		RS1/10S103J
FU	1202	Micro-Fuse 2A	CEK1190	R	331		RS1/10S104J
AR	501		DSP-201M	R	385		RS1/10S821J
RESISTORS				R	386		RS1/10S821J
R	103		RS1/10S101J	R	387		RS1/10S821J
R	104		RS1/10S101J	R	388		RS1/10S821J
R	105		RS1/10S620J	R	389		RS1/10S183J
R	106		RS1/10S222J	R	390		RS1/10S183J
R	107		RS1/10S332J	R	391		RS1/10S183J
				R	392		RS1/10S183J
				R	393		RS1/10S821J
R	108		RS1/10S562J				
R	109		RS1/10S0R0J				
R	111		RS1/16S102J				
R	112		RS1/16S102J				
R	113		RS1/16S473J				

====Circuit Symbol & No.===Part Name	Part No.	====Circuit Symbol & No.===Part Name	Part No.
R 394	RS1/10S821J	R 651	RS1/16S0R0J
R 395	RS1/10S223J	R 657	RS1/10S0R0J
R 396	RS1/10S223J	R 658	RS1/10S0R0J
R 401	RS1/10S471J	R 659	RS1/16S473J
R 402	RS1/10S471J	R 664	RA3C471J
R 403	RS1/10S471J	R 666	RS1/16S0R0J
R 404	RS1/10S471J	R 667	RS1/16S0R0J
R 405	RS1/10S471J	R 670	RS1/16S473J
R 406	RS1/10S471J	R 671	RS1/16S102J
R 407	RS1/10S471J	R 672	RS1/16S0R0J
R 408	RS1/10S471J	R 675	RS1/16S102J
R 409	RS1/10S473J	R 676	RS1/16S0R0J
R 410	RS1/10S473J	R 677	RS1/16S0R0J
R 411	RS1/10S473J	R 678	RS1/10S472J
R 412	RS1/10S473J	R 679	RS1/10S472J
R 413	RS1/10S103J	R 683	RS1/16S472J
R 414	RS1/10S333J	R 684	RS1/16S472J
R 415	RS1/10S102J	R 685	RS1/16S472J
R 416	RS1/10S473J	R 686	RS1/10S473J
R 417	RS1/10S224J	R 687	RS1/16S0R0J
R 418	RS1/10S473J	R 881	RS1/10S561J
R 419	RS1/10S103J	R 882	RS1/10S223J
R 420	RS1/10S473J	R 883	RS1/10S473J
R 421	RS1/10S152J	R 884	RS1/10S473J
R 501	RS1/10S473J	R 885	RS1/10S472J
R 502	RS1/10S473J	R 886	RS1/10S102J
R 503	RS1/10S681J	R 887	RS1/10S273J
R 504	RS1/10S681J	R 888	RS1/10S273J
R 509	RS1/10S272J	R 891	RS1/10S271J
R 510	RS1/10S272J	R 901	RS1/10S472J
R 511	RS1/10S162J	R 902	RD1/4PU271J
R 512	RS1/10S162J	R 903	RD1/4PU271J
R 513	RS1/10S0R0J	R 904	RS1/10S822J
R 514	RS1/10S0R0J	R 905	RS1/10S822J
R 523	RS1/10S473J	R 906	RS1/10S102J
R 524	RS1/10S472J	R 907	RS1/10S472J
R 525	RS1/10S473J	R 908	RS1/10S102J
R 529	RS1/10S103J	R 909	RS1/10S472J
R 530	RS1/10S393J	R 910	RS1/10S472J
R 531	RS1/10S681J	R 911	RS1/10S752J
R 532	RS1/10S0R0J	R 912	RS1/10S101J
R 533	RS1/10S681J	R 913	RS1/10S392J
R 534	RS1/10S681J	R 914	RS1/10S221J
R 535	RS1/10S681J	R 921	RS1/10S102J
R 538	RS1/10S473J	R 943	RS1/4S431J
R 539	RS1/10S473J	R 944	RS1/4S122J
R 542	RS1/10S222J	R 945	RS1/10S331J
R 543	RS1/10S222J	R 951	RS1/10S103J
R 601	RS1/16S473J	R 952	RS1/10S103J
R 602	RS1/16S473J	R 953	RS1/10S473J
R 606	RS1/16S102J	R 954	RS1/10S103J
R 618	RS1/16S393J	R 955	RS1/10S473J
R 619	RS1/16S473J	R 956	RS1/10S472J
R 624	RS1/10S223J	R 957	RS1/16S102J
R 625	RS1/10S682J	R 958	RS1/10S472J
R 626	RS1/10S473J	R 959	RS1/10S473J
R 629	RS1/16S102J	R 960	RS1/8S103J
R 631	RS1/16S471J	R 962	RS1/8S153J
R 633	RS1/10S473J	R 963	RS1/10S472J
R 637	RS1/16S681J	R 964	RS1/10S472J
R 638	RS1/16S681J	R 965	RS1/10S102J
R 639	RA3C471J	R 971	RS1/10S822J
R 640	RS1/10S103J	R 972	RS1/10S102J
R 643	RS1/16S0R0J	R 973	RS1/10S471J
R 647	RS1/16S473J	R 1051	RS1/10S750J

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
R 1052	RS1/10S101J	R 1224	RS1/16S102J
R 1053	RS1/10S101J	R 1225	RS1/16S331J
R 1054	RS1/10S223J	R 1226	RS1/10S0R0J
R 1055	RS1/10S223J	R 1227	RS1/10S0R0J
R 1056	RS1/10S102J	R 1228	RS1/10S681J
R 1057	RS1/10S102J	R 1229	RS1/10S101J
R 1058	RS1/10S223J	R 1230	RS1/10S680J
R 1059	RS1/10S223J	R 1231	RS1/10S750J
R 1060	RS1/10S220J	R 1232	RS1/10S0R0J
R 1061	RS1/10S101J	R 1233	RS1/10S123J
R 1062	RS1/10S101J	R 1234	RS1/10S123J
R 1063	RS1/10S223J	R 1235	RS1/10S473J
R 1064	RS1/10S223J	R 1236	RS1/10S473J
R 1065	RS1/10S102J	R 1237	RS1/10S473J
R 1066	RS1/10S102J	R 1238	RS1/10S473J
R 1067	RS1/10S223J	R 1239	RS1/10S472J
R 1068	RS1/10S223J	R 1240	RS1/10S472J
R 1069	RS1/10S220J	R 1241	RS1/10S472J
R 1070	RS1/10S750J	R 1242	RS1/10S472J
R 1071	RS1/10S303J	R 1243	RS1/10S562J
R 1072	RS1/10S303J	R 1244	RS1/10S562J
R 1073	RS1/10S303J	R 1245	RS1/10S562J
R 1074	RS1/10S303J	R 1246	RS1/10S562J
R 1079	RS1/16S0R0J	R 1247	RS1/10S821J
R 1080	RS1/16S0R0J	R 1248	RS1/10S821J
R 1081	RS1/16S0R0J	R 1249	RS1/10S223J
R 1082	RS1/16S0R0J	R 1250	RS1/10S223J
R 1083	RS1/10S821J	R 1251	RS1/10S223J
R 1084	RS1/10S821J	R 1252	RS1/10S223J
R 1085	RS1/10S223J	R 1253	RS1/10S220J
R 1086	RS1/10S223J	R 1254	RS1/10S104J
R 1087	RS1/10S123J	R 1255	RS1/10S473J
R 1088	RS1/10S123J	R 1256	RS1/10S101J
R 1089	RS1/10S220J	R 1257	RS1/16S101J
R 1090	RS1/10S104J	R 1258	RS1/16S101J
R 1091	RS1/10S473J	R 1259	RS1/10S101J
R 1093	RS1/10S102J	R 1260 (RN1/10SE1002D)	GGC1320
R 1094	RS1/10S102J	R 1261	RS1/10S681J
R 1103	RS1/10S0R0J	R 1262 (RN1/10SE1002D)	GGC1320
R 1104	RS1/10S0R0J	R 1263	RS1/16S101J
R 1105	RS1/10S0R0J	R 1264	RS1/16S103J
R 1107	RS1/10S0R0J	R 1265	RS1/16S103J
R 1111	RS1/10S0R0J	R 1301	RS1/10S102J
R 1114	RS1/10S0R0J	R 1302	RS1/10S512J
R 1115	RS1/10S0R0J	R 1303	RS1/10S105J
R 1201	RS1/10S471J	R 1304	RS1/10S0R0J
R 1202	RS1/10S471J	R 1305	RS1/10S0R0J
R 1203	RS1/10S471J	R 1306	RS1/10S0R0J
R 1204	RS1/10S103J	R 1307	RS1/10S0R0J
R 1205	RS1/10S101J	R 1308	RS1/16S562J
R 1206	RS1/10S101J	R 1309	RS1/16S562J
R 1207	RS1/10S0R0J	R 1310	RS1/16S562J
R 1208 (RN1/10SE1002D)	GGC1320	R 1311	RS1/10S102J
R 1209	RS1/10S471J	R 1312	RS1/10S102J
R 1210	RS1/10S471J	R 1313	RS1/10S102J
R 1212	RS1/10S102J	R 1321	RS1/16S102J
R 1215	RS1/16S102J	R 1322	RS1/16S102J
R 1216	RS1/10S222J	R 1323	RS1/10S0R0J
R 1217	RS1/10S123J	R 1324	RS1/10S0R0J
R 1218	RS1/10S222J	R 1325	RS1/10S0R0J
R 1219	RS1/10S222J	R 1332	RS1/10S750J
R 1220	RS1/16S102J	R 1333	RS1/10S750J
R 1221	RS1/16S331J	R 1334	RS1/10S750J
R 1222	RS1/16S102J	R 1335	RS1/10S104J
R 1223	RS1/16S331J	R 1337	RS1/10S750J

====Circuit Symbol & No.===Part Name	Part No.	====Circuit Symbol & No.===Part Name	Part No.
R 1339	RS1/10S0R0J	C 230	CKSQYB823K50
R 1340	RS1/10S0R0J	C 231	CKSQYB333K50
R 1342	RS1/16S224J	C 232	CKSQYB333K50
R 1345	RS1/16S224J	C 233	CKSQYB104K50
R 1348	RS1/16S224J	C 234	CKSQYB473K50
R 1353	RS1/16S471J	C 235	CKSQYB562K50
R 1354	RS1/16S471J	C 236	CKSQYB104K50
R 1355	RS1/16S471J	C 238	CCSQCH470J50
R 1356	RS1/16S471J	C 239	CKSQYB105K10
		C 240	CKSQYB105K10
CAPACITORS		C 254	CEJA100M16
C 101	CKSQYB104K50	C 255	CEJA1R0M50
C 102	CKSQYB104K50	C 256	CEJA1R0M50
C 104	CEJA100M16	C 261	CCSQCH151J50
C 105	CKSQYB105K10	C 262	CCSQCH151J50
C 106	CKSQYB105K10		
C 107	CEJA100M16	C 263	CEJA100M16
C 108	CKSQYB105K10	C 373	CEJA4R7M35
C 109	CKSQYB105K10	C 374	CEJA4R7M35
C 131	CEJANP100M10	C 375	CEJA4R7M35
C 132	CEJANP100M10	C 376	CEJA4R7M35
C 133	CEJANP100M10	C 381	CEJA3R3M50
C 134	CEJANP100M10	C 382	CEJA3R3M50
C 135	CCSQCH471J50	C 401	CEJA1R0M50
C 136	CCSQCH471J50	C 402	CEJA1R0M50
C 137	CCSQCH471J50	C 403	CEJA1R0M50
C 138	CCSQCH471J50	C 404	CEJA1R0M50
C 139	CKSQYB103K50	C 503	CKSQYB183J50
C 140	CEJA101M10	C 504	CKSQYB183J50
C 141	CEJANP4R7M16	C 507	CKSQYB473K50
C 142	CEJANP4R7M16	C 508	CEJA101M6R3
C 171	CKSYB224K25	C 510	CKSQYB472K50
C 172	CKSYB224K25	C 511	CKSQYB102K50
C 173	CKSYB224K25	C 512	CEJA220M10
C 174	CKSYB224K25	C 514	CKSQYB223K50
C 175	CEJA330M16	C 515	CKSQYB103K50
C 177	3300μF/16V	C 601	CCSRCH200J50
C 178	CKSQYB104K50	C 602	CCSRCH200J50
C 179	CEHAR100M16	C 603	CEJA100M16
C 180	CKSYB105K16	C 604	CCSQCH101J50
C 201	CKSQYB105K10	C 605	CCSRCH101J50
C 202	CKSQYB105K10	C 608	CCSRCH101J50
C 203	CKSQYB105K10	C 611	CEJA100M16
C 204	CKSQYB105K10	C 612	CCSQCH101J50
C 207	CEJA470M10	C 613	CEJA100M16
C 208	CKSQYB104K50	C 616	CKSQYB104K50
C 209	CEJA100M16	C 620	CKSRYB102K50
C 211	CKSQYB822K50	C 622	CCSQCH180J50
C 212	CKSQYB822K50	C 623	CCSQCH180J50
C 213	CEJA1R0M50	C 624	CEJA100M16
C 214	CEJA1R0M50	C 625	CCSQCH101J50
C 215	CKSQYB152K50	C 626	CEJA100M16
C 216	CKSQYB152K50	C 627	CCSQCH101J50
C 217	CEJANP100M10	C 631	CCSRCH330J50
C 218	CEJANP100M10	C 632	CCSRCH330J50
C 219	CKSQYB183K50	C 634	CKSRYB102K50
C 220	CKSQYB183K50	C 635	CKSRYB102K50
C 221	CEJANP100M10	C 636	CKSRYB473K16
C 222	CEJANP100M10	C 637	CCSRCH101J50
C 223	CKSYB334K16	C 638	CKSQYB104K16
C 224	CKSYB334K16	C 882	CKSQYB103K50
C 225	CKSQYB103K50	C 883	CEJA101M16
C 226	CKSQYB103K50	C 891	CEJA101M10
C 227	CKSYB105K16	C 892	CKSQYB103K50
C 228	CKSYB105K16	C 901	CEAS101M25
C 229	CKSQYB823K50	C 902	CEAS471M25

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
C 903	CEJA220M10	C 1221	CKSQYB105K10
C 911	CKSQYB103K50	C 1222	CEJA100M16
C 912	CEJA470M10	C 1223	CEJA100M16
C 913	CKSQYB472K50	C 1224	CKSQYB104K50
C 914 1500μF/16V	CCH1312	C 1225	CKSQYB103K50
C 915	CEJA101M16	C 1226	CEJA100M16
C 916	CKSQYB103K50	C 1227 470μF/6.3V	CCH1182
C 921	CKSQYB104K50	C 1228	CKSQYB102K50
C 922	CKSQYB473K50	C 1229	CEJA100M16
C 941 330μF/10V	CCH1181	C 1230	CEJA100M16
C 942	CKSQYB103K50	C 1235	CKSQYB103K50
C 943	CEJA101M16	C 1236	CKSQYB103K50
C 951	CKSQYB472K50	C 1237	CKSQYB103K50
C 952	CKSYB103K50	C 1238	CKSQYB103K50
C 955	CKSYB472K50	C 1239	CKSQYB103K50
C 971	CEJA2R2M50	C 1240	CKSQYB103K50
C 1051	CKSQYB471K50	C 1245	CKSQYB102K50
C 1052	CKSQYB471K50	C 1246	CKSQYB102K50
C 1053	CKSQYB471K50	C 1247	CKSQYB105K10
C 1054	CKSQYB471K50	C 1248	CKSQYB105K10
C 1055	CEJA4R7M35	C 1251	CCSQCH470J50
C 1056	CEJA4R7M35	C 1252	CCSQCH100J50
C 1057	CEJA4R7M35	C 1253	CEJA100M16
C 1058	CEJA4R7M35	C 1254	CKSQYB104K50
C 1059	CEJA1R0M50	C 1255	CCSQCH471J50
C 1060	CEJA220M16	C 1256	CCSQCH100J50
C 1061	CEJA101M10	C 1257	CKSQYB103K25
C 1062	CKSQYB471K50	C 1258	CKSQYB103K25
C 1063	CKSQYB471K50	C 1259	CKSQYB103K25
C 1064	CKSQYB471K50	C 1260	CKSQYB103K25
C 1065	CEJA4R7M35	C 1261	CKSQYB103K25
C 1066	CEJA4R7M35	C 1262	CKSQYB103K25
C 1067	CEJA4R7M35	C 1263	CCSRCH221J50
C 1068	CEJA4R7M35	C 1264	CCSRCH221J50
C 1069	CKSQYB471K50	C 1265	CCSRCH221J50
C 1070	CEJA220M16	C 1301	CCSQCH510J50
C 1071	CEJA1R0M50	C 1302	CKSQYB474K16
C 1072	CEJA101M10	C 1303	CEV100M16
C 1073	CEJA100M16	C 1304	CKSQYB103K50
C 1078	CKSQYB102K50	C 1305	CKSQYB103K50
C 1079	CKSQYB102K50	C 1306	CEV100M16
C 1080	CKSQYB102K50	C 1307	CEV100M16
C 1081	CEJA100M16	C 1308	CKSQYB103K50
C 1142	CEJA470M6R3	C 1309	CKSQYB105K10
C 1178	CKSQYB103K50	C 1310	CKSQYB105K10
C 1201	CCSQCH180J50	C 1311	CKSQYB105K10
C 1202	CCSQCH180J50	C 1312	CKSQYB103K50
C 1203	CKSQYB224K16	C 1323	CKSQYB104K50
C 1204	CCSQCH221J50	C 1324	CKSQYB103K50
C 1205	CKSQYB104K50	C 1325	CEV470M6R3
C 1206	CEJA1R0M50	C 1327	CKSQYB104K50
C 1207	CEJA4R7M35	C 1328	CKSQYB103K50
C 1208	CEJA1R0M50	C 1329	CKSQYB473K25
C 1209	CKSQYB104K50	C 1331	CEV100M16
C 1210	CEJA470M10	C 1332	CKSQYB103K50
C 1211	CEJA1R0M50	C 1334	CEV100M16
C 1212	CEJA1R0M50	C 1335	CKSQYB103K50
C 1213	CKSQYB104K50	C 1337	CEV100M16
C 1214	CEJA100M16	C 1338	CKSQYB103K50
C 1215	CKSQYB472K50	C 1342 470μF/6.3V	CCH1182
C 1216	CEJA1R0M50	C 1343 470μF/6.3V	CCH1182
C 1217	CEJA100M16	C 1344 470μF/6.3V	CCH1182
C 1218	CKSQYB105K10	C 1345	CKSQYB103K50
C 1219	CKSQYB105K10	C 1346	CEJA470M6R3
C 1220	CKSQYB105K10	C 1347	CEJA1R0M50

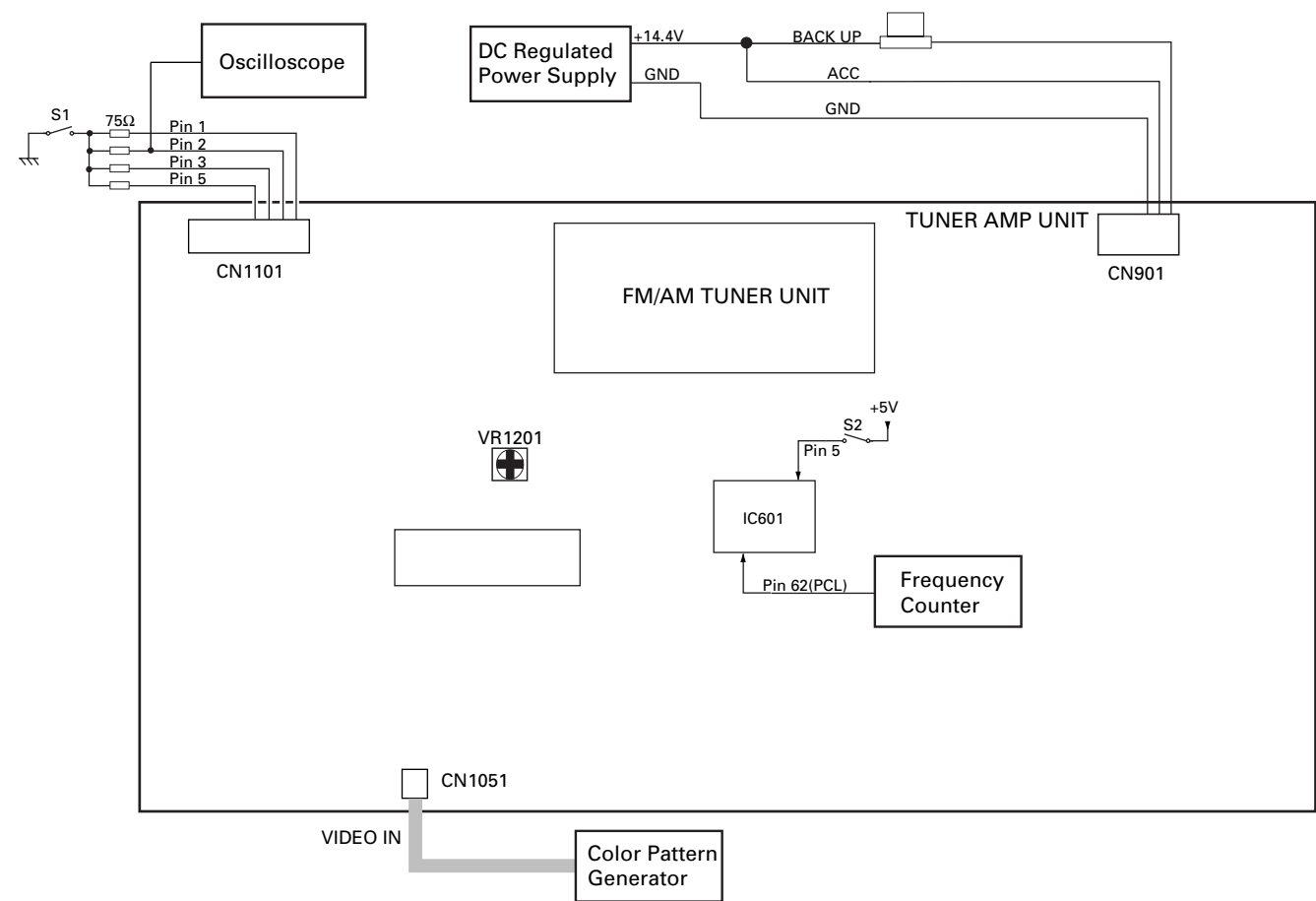
====Circuit Symbol & No.===Part Name			Part No.	====Circuit Symbol & No.===Part Name			Part No.
C	1348		CEJA220M10	R	55		RS1/16S331J
C	1349		CEJA221M6R3	R	56		RS1/16S560J
C	1350		CKSQYB103K50	R	57		RS1/16S560J
C	1351		CKSQYB103K50	R	58		RS1/16S102J
C	1352		CKSRYB103K50	R	59		RS1/16S225J
C	1353		CKSRYB103K50	R	60		RS1/16S133J
C	1354		CKSRYB103K50	R	61		RS1/16S433J
C	1355		CKSRYB103K50	R	101		RS1/16S333J
				R	102		RS1/16S103J
				R	103		RS1/16S333J
				R	104		RS1/16S562J
				R	106		RS1/16S0R0J
				R	108		RS1/16S0R0J
				R	110		RS1/16S154J
				R	111		RS1/16S273J
IC	1	IC	PML002A				
IC	2	IC	PM4008A	R	113		RS1/16S222J
IC	3	IC	BR9010FV	R	114		RS1/16S333J
Q	1	Transistor	2SC4081	R	115		RS1/16S334J
Q	2	Transistor	DTC124EU	R	116		RS1/16S473J
				R	202		RS1/16S472J
Q	3	FET	3SK263				
Q	51	Transistor	2SC4081	R	203		RS1/16S225J
Q	201	FET	2SK932	R	204		RS1/16S102J
Q	202	Transistor	DTC124EU	R	205		RS1/16S220J
Q	204	Transistor	2SC4081	R	206		RS1/16S471J
				R	208		RS1/16S104J
D	1	Diode	KV1410(23)				
D	2	Diode	1SV248	R	209		RS1/16S104J
D	6	Diode	KV1410(23)	R	210		RS1/16S563J
D	201	Diode	MA143	R	213		RS1/16S223J
D	202	Diode	MA147	R	902		RS1/16S103J
				R	904		RS1/16S473J
D	903	Diode	KV1410(23)				
D	904	Diode	SVC253	R	907		RS1/16S103J
L	1	Coil	CTC1155	R	908		RS1/16S681J
L	3	Inductor	LCTB1R5K2125	R	909		RS1/16S473J
L	4	Coil	CTC1155	R	914		RS1/16S562J
L	201	Inductor	LCTB330K1608				
L	202	Inductor	CTF1287				
L	203	Inductor	LCTA121J3225	C	1		CCSQCH4R0C50
L	901	Coil	CTC1154	C	6		CKSQYB105K10
L	902	Inductor	LCTA3R3J3225	C	8		CKSRYB222K50
				C	10		CCSRCH220J50
				C	11		CCSRCH150J50
L	904	Inductor	LCTBR47K1608				
L	905	Inductor	LCTBR47K1608				
T	51	Coil	CTE1132	C	12		CCSRCH8R0D50
CF	51	Ceramic Filter	CTF1442	C	14		CCSRCJ3R0C50
CF	52	Ceramic Filter	CTF1442	C	15		CKSRYB103K50
				C	16		CKSRYB222K50
				C	17		CKSRYB222K50
CF	53	Ceramic Filter	CTF1442				
CF	202	Ceramic Filter	CTF1476				
X	901	Crystal Resonator 10.250MHz	CSS1432	C	18		CCSRCJ3R0C50
				C	19		CKSRYB103K50
				C	20		CKSRYB103K50
				C	21		CKSRYB103K50
				C	24		CKSQYB334K16
R	1		RS1/16S183J				
R	2		RS1/16S103J				
R	5		RS1/16S0R0J	C	26		CKSRYB472K50
R	7		RS1/16S273J	C	30		CCSRCH220J50
R	8		RS1/16S473J	C	32		CCSRCH470J50
				C	35		CKSRYB103K50
				C	51		CKSRYB103K50
R	9		RS1/16S223J				
R	10		RS1/16S473J				
R	11		RS1/16S221J	C	52		CKSRYB473K16
R	12		RS1/16S103J	C	53		CCSRCK2R0C50
R	13		RS1/16S104J	C	54		CKSRYB103K50
				C	55		CKSRYB104K16
				C	56		CKSRYB104K16
R	16		RS1/16S223J				
R	17		RS1/16S221J				
R	18		RS1/16S221J	C	58		CKSQYB224K16
R	19		RS1/16S473J	C	101		CEALNP100M10
R	20		RS1/16S470J	C	102		CCSRCH151J50
				C	103		CKSRYB473K16
				C	105		CKSRYB682K25
R	31		RS1/16S0R0J				
R	51		RS1/16S470J				
R	52		RS1/16S103J				
R	53		RS1/16S103J				
R	54		RS1/16S331J				

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
C 106	CEALR68M50	B Unit Number : CWE1500(AVM-P7000R/EW) Unit Name : FM/AM Tuner Unit	
C 107	CKSRYB103K50		
C 108	CKSQYB474K16	MISCELLANEOUS	
C 109	CKSQYB474K16	IC 1	IC PML002A
C 110	CKSRYB104K16	IC 2	IC PM4008A
C 111	CKSRYB104K16	IC 3	IC BR9010FV
C 112	CKSRYB104K16	Q 1	Transistor 2SC4081
C 113	CKSRYB123K25	Q 2	Transistor DTC124EU
C 114	CEAL220M6R3	Q 3	FET 3SK263
C 115	CKSRYB473K16	Q 51	Transistor 2SC4081
C 116	CEAL2R2M50	Q 201	FET 2SK932
C 117	CKSRYB102K50	Q 202	Transistor DTC124EU
C 120	CKSRYB183K25	Q 204	Transistor 2SC4081
C 121	CKSRYB332K50	D 1	Diode KV1410(23)
C 122	CKSRYB562K25	D 2	Diode 1SV248
C 123	CKSRYB681K50	D 4	Diode KV1410(23)
C 125	CKSRYB103K50	D 6	Diode KV1410(23)
C 126	CKSRYB103K50	D 101	Diode MA110
C 127	CEAL2R2M50	D 201	Diode MA143
C 128	CKSRYB103K50	D 202	Diode MA147
C 201	CCSRCH471J50	D 903	Diode KV1410(23)
C 202	CCSRCH100D50	D 904	Diode SVC253
C 203	CKSRYB104K16	L 1	Coil CTC1155
C 204	CKSRYB332K50	L 2	Coil CTC1155
C 205	CKSRYB103K50	L 3	Inductor LCTB100K2125
C 206	CKSRYB104K16	L 4	Coil CTC1155
C 207	CKSRYB473K16	L 201	Inductor LCTB330K1608
C 208	CCSRCH560J50	L 202	Inductor CTF1287
C 209	CEAL470M6R3	L 203	Inductor LCTA121J3225
C 210	CKSRYB103K50	L 901	Coil CTC1154
C 211	CKSRYB103K50	L 902	Inductor LCTA3R3J3225
C 212	CCSRCH101J50	L 904	Inductor LCTBR47K1608
C 215	CKSRYB223K25	L 905	Inductor LCTBR47K1608
C 216	CKSQYB334K16	T 51	Coil CTE1132
C 217	CKSRYB103K50	CF 51	Ceramic Filter CTF1442
C 219	CKSQYB105K10	CF 52	Ceramic Filter CTF1442
C 220	CKSRYB104K16	CF 53	Ceramic Filter CTF1442
C 221	CKSRYB473K16	CF 202	Ceramic Filter CTF1476
C 222	CKSQYB334K16	X 901	Crystal Resonator 10.250MHz CSS1432
C 223	CKSQYB474K16	RESISTORS	
C 224	CKSRYB104K16	R 1	RS1/16S153J
C 225	CKSRYB272K50	R 2	RS1/16S103J
C 226	CKSRYB682K25	R 6	RS1/16S103J
C 902	CCSRCH270J50	R 7	RS1/16S273J
C 904	CKSRYB223K25	R 8	RS1/16S473J
C 905	CKSRYB103K50	R 9	RS1/16S223J
C 906	CCSRTH100D50	R 10	RS1/16S473J
C 907	CCSRTH150J50	R 11	RS1/16S221J
C 909	CCSRTH100D50	R 12	RS1/16S103J
C 910	CKSRYB332K50	R 13	RS1/16S104J
C 912	CKSQYB474K16	R 16	RS1/16S223J
C 913	CKSRYB223K25	R 17	RS1/16S221J
C 914	CKSRYB682K25	R 18	RS1/16S221J
C 915	CKSQYB223K25	R 19	RS1/16S473J
C 916	CKSQYB474K16	R 20	RS1/16S470J
C 917	CKSYB475K10	R 51	RS1/16S470J
C 918	CKSRYB223K25	R 52	RS1/16S103J
C 919	CKSQYB225K10	R 53	RS1/16S103J
C 920	CCSRCH270J50	R 54	RS1/16S331J
C 921	CCSRCH270J50	R 55	RS1/16S331J
C 922	CKSYB105K16	R 56	RS1/16S560J
C 923	CKSRYB103K50	R 57	RS1/16S560J
		R 58	RS1/16S102J
		R 59	RS1/16S225J
		R 60	RS1/16S133J

====Circuit Symbol & No.==Part Name	Part No.	====Circuit Symbol & No.==Part Name	Part No.
R 61	RS1/16S433J	C 102	CCSRCH151J50
R 62	RS1/16S562J	C 103	CKSRYB473K16
R 101	RS1/16S333J	C 105	CKSRYB682K25
R 102	RS1/16S103J	C 106	CEAL2R2M50
R 103	RS1/16S333J	C 107	CKSRYB103K50
R 104	RS1/16S562J	C 108	CKSQYB474K16
R 106	RS1/16S0R0J	C 109	CKSQYB474K16
R 108	RS1/16S0R0J	C 110	CKSRYB104K16
R 110	RS1/16S154J	C 111	CKSRYB104K16
R 111	RS1/16S273J	C 112	CKSRYB104K16
R 112	RS1/16S223J	C 113	CKSRYB123K25
R 113	RS1/16S222J	C 114	CEAL220M6R3
R 114	RS1/16S333J	C 115	CKSRYB473K16
R 115	RS1/16S334J	C 116	CEAL2R2M50
R 116	RS1/16S473J	C 117	CKSRYB102K50
R 117	RS1/16S333J	C 120	CKSRYB153K25
R 118	RS1/16S223J	C 121	CKSRYB332K50
R 122	RS1/16S0R0J	C 122	CKSRYB682K25
R 202	RS1/16S472J	C 123	CKSRYB681K50
R 203	RS1/16S225J	C 125	CKSRYB103K50
R 204	RS1/16S102J	C 126	CKSRYB103K50
R 205	RS1/16S220J	C 127	CEAL2R2M50
R 206	RS1/16S471J	C 128	CKSRYB103K50
R 208	RS1/16S104J	C 201	CCSRCH471J50
R 209	RS1/16S104J	C 202	CCSRCH100D50
R 210	RS1/16S563J	C 203	CKSRYB104K16
R 213	RS1/16S223J	C 204	CKSRYB332K50
R 902	RS1/16S103J	C 205	CKSRYB103K50
R 904	RS1/16S473J	C 206	CKSRYB104K16
R 907	RS1/16S103J	C 207	CKSRYB473K16
R 908	RS1/16S681J	C 208	CCSRCH560J50
R 909	RS1/16S473J	C 209	CEAL470M6R3
R 914	RS1/16S562J	C 210	CKSRYB103K50
CAPACITORS		C 211	CKSRYB103K50
		C 212	CCSRCH101J50
C 1	CCSQCH5R0C50	C 215	CKSRYB223K25
C 2	CCSRCH5R0C50	C 216	CKSQYB334K16
C 4	CCSRCJ3R0C50	C 217	CKSRYB103K50
C 6	CKSQYB105K10	C 219	CKSQYB105K10
C 8	CKSRYB222K50	C 220	CKSRYB104K16
C 10	CCSRCH220J50	C 221	CKSRYB473K16
C 11	CCSRCH150J50	C 222	CKSQYB334K16
C 12	CCSRCH8R0D50	C 223	CKSQYB474K16
C 14	CCSRCJ3R0C50	C 224	CKSRYB104K16
C 15	CKSRYB103K50	C 225	CKSRYB272K50
C 16	CKSRYB222K50	C 226	CKSRYB682K25
C 17	CKSRYB222K50	C 902	CCSRCH270J50
C 18	CCSRCJ3R0C50	C 904	CKSRYB223K25
C 19	CKSRYB103K50	C 905	CKSRYB103K50
C 20	CKSRYB103K50	C 906	CCSRTH100D50
C 21	CKSRYB103K50	C 907	CCSRTH150J50
C 24	CKSQYB334K16	C 909	CCSRTH100D50
C 31	CKSRYB222K50	C 910	CKSRYB332K50
C 32	CCSRCH470J50	C 912	CKSQYB474K16
C 35	CKSRYB103K50	C 913	CKSRYB223K25
C 51	CKSRYB103K50	C 914	CKSRYB682K25
C 52	CKSRYB473K16	C 915	CKSQYB223K25
C 53	CCSRCK2R0C50	C 916	CKSQYB474K16
C 54	CKSRYB103K50	C 917	CKSYB475K10
C 55	CKSRYB104K16	C 918	CKSRYB223K25
C 56	CKSRYB104K16	C 919	CKSQYB225K10
C 58	CKSQYB224K16	C 920	CCSRCH270J50
C 59	CKSRYB223K25	C 921	CCSRCH270J50
C 60	CKSRYB104K16	C 922	CKSYB105K16
C 101	CEALNP100M10	C 923	CKSRYB103K50

6. ADJUSTMENT

● Connection Diagram



VIDEO ADJUSTMENT

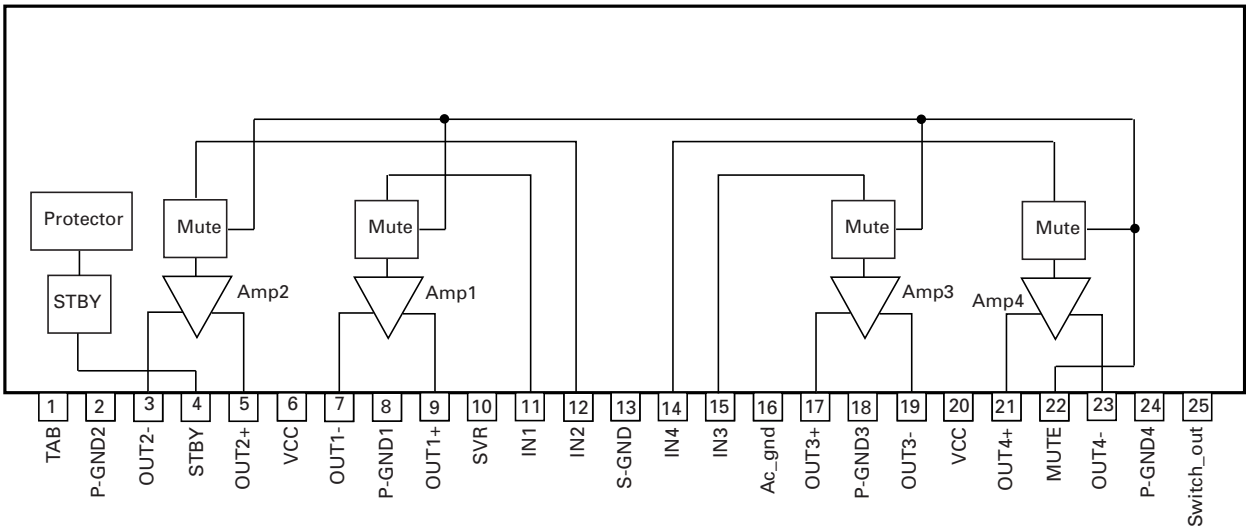
Adjustment Method	Color Pattern Generator	Adjustment Point	Adjustment Method (Switch Position)
Bright Level	White 100% , or 75% Non Color Burst Signal	VR1201	Oscilloscope : (S1 : ON) 700mV ± 35mV (White : 100%) 530mV ± 35mV (White : 75%)
Clock Check	.....	.....	Frequency Counter : 786,432Hz ± 40Hz (S2 : ON)

7. GENERAL INFORMATION

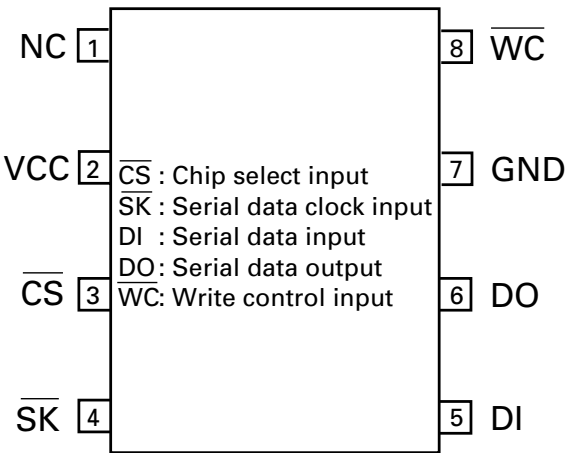
7.1 IC

PAL005A	PE5035A	PD0267BM
BA09SFP	PE5036A	CXA2060BS
BR9010FV	PE5037A	CXA2061S
PM0008BF	BA7623F	
PM4009A	TC7W32FU	
PE5034A	TC7W34FU	

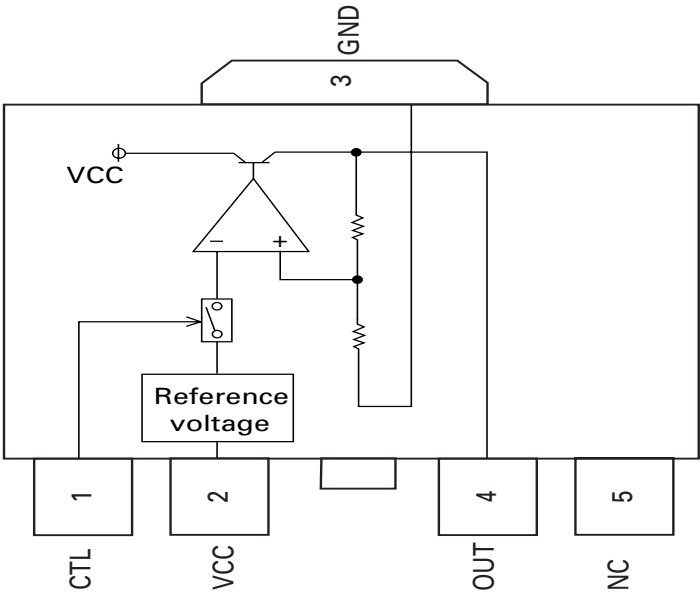
PAL005A



BR9010FV



BA09SFP

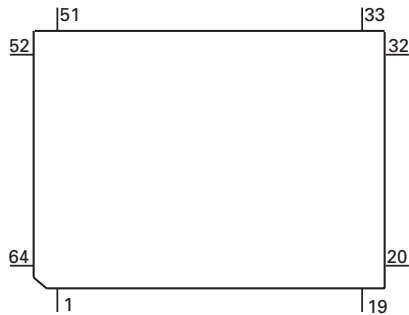


● Pin Functions (PM0008BF)

Pin No.	Pin Name	I/O	Format	Function and Operation
1	SWOUT_L	O		Selector and sound space output
2	LOUD_L			Loudness
3	VRIN_L	I		Main volume input
4	TRE-CNT_L			Treble control
5	TONEOUT_L	O		Tone control output
6	FADERIN_L	I		Pre-fader input
7	MID-CNT_L			Middle control
8	MID-L_L			Inductor terminal
9	MID-DIF_L	I		Inductor terminal
10	BASS-CNT_L			Bass control
11	BASS-L_L			Inductor terminal
12	BASS-DIF_L	I		Inductor terminal
13	FMIN_L	I		Main input(front)
14	RMIN_L	I		Main input(rear)
15	MFOUT_L	O		Main output(front)
16	MROUT_L	O		Main output(rear)
17	PFOUT_L	O		Pre-output(front)
18	PROUT_L	O		Pre-output(rear)
19	PRE-OUT_L	O		Pre-output(fader)
20	FIE_L			Front image enhancer control
21	DVCC			Power supply(digital)
22	MUTE	O	C	System mute output
23	STB	O	C	LSI strobe output
24	CLK	I		Master clock input
25	DATA	I		Serial data input
26	CT	I		Time select
27	DGND			Digital circuit GND
28	C1			Sub woofer LPF select
29	C3			Sub woofer LPF select
30	C2			Sub woofer LPF select
31	LPFOUT			Sub woofer LPF select
32	FIE_R			Front image enhancer control
33	PRE-OUT_R	O		Pre-output(fader)
34	PROUT_R	O		Pre-output(rear)
35	PFOUT_R	O		Pre-output(front)
36	MROUT_R	O		Main output(rear)
37	MFOUT_R	O		Main output(front)
38	RMIN_R	I		Main input(rear)
39	FMIN_R	I		Main input(front)
40	BASS-DIF_R	I		Inductor terminal
41	BASS-L_R			Inductor terminal
42	BASS-CNT_R			Bass control
43	MID-DIF_R	I		Inductor terminal
44	MID-L_R			Inductor terminal
45	MID-CNT_R			Middle control
46	FADERIN_R	I		Pre-fader input
47	TONEOUT_R	O		Tone control output
48	TRE-CNT_R			Treble control
49	VRIN_R	I		Main volume input
50	LOUD_R			Loudness
51	SWOUT_R	O		Selector and sound space output
52	IN4_R	I		Sound space volume input
53	IN3_R	I		Selector input
54	IN2_R	I		Selector input
55	IN1_R	I		Selector input
56	AVCC			Power supply(analogue)

Pin No.	Pin Name	I/O	Format	Function and Operation
57-59	NC			Not used
60	VREF			Noise cut terminal
61	IN1_L	I		Selector input
62	IN2_L	I		Selector input
63	IN3_L	I		Selector input
64	IN4_L	I		Sound space volume input

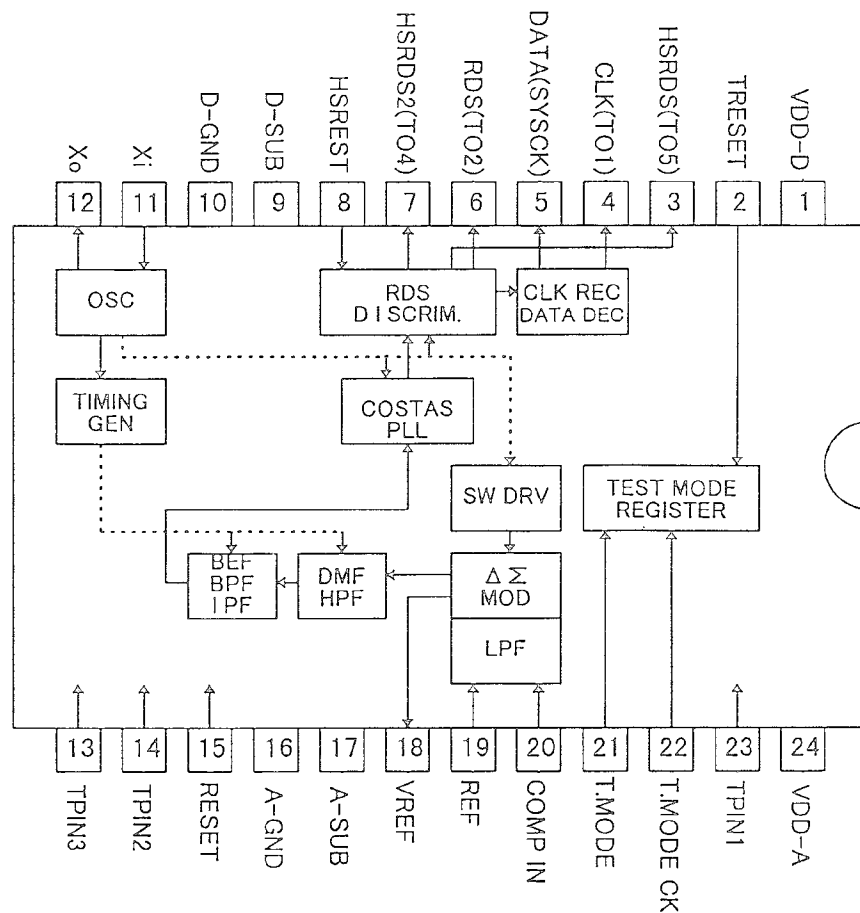
*PM0008BF



IC's marked by* are MOS type.

Be careful in handling them because they are very liable to be damaged by electrostatic induction.

PM4009A

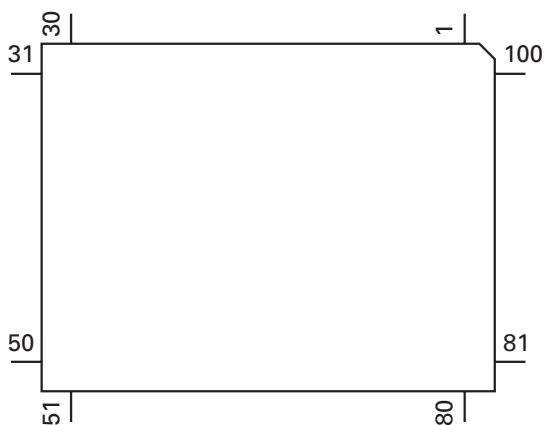


● Pin Functions (PE5034A)

Pin No.	Pin Name	I/O	Function and Operation
1	SWVDD	O	Keyboard unit power supply control output
2	DSSENS	I	Grille detach sense input
3	NAVSEN	I	Navigation sense input
4	NAVMIX	I	Guidance sound switching input
5	TESTIN	I	Test program mode input
6	DRST	O	RDS reset output
7,8	NC		Not used
9	RECIVE	O	During RDS data reception output
10	NC		Not used
11	RESET	I	Reset input
12	XT2		Not used
13	XT1		Connect to GND
14	VSS		GND
15	X2		Crystal oscillator connection pin
16	X1		Crystal oscillator connection pin
17	REGOFF		Not used
18	REGC		Capacitor for regulator connect pin
19	VDD		Power supply
20	VPWR	O	Monitor power supply control output
21	SYSPW	O	System power control output
22	ADPW	O	A/D converter power supply control output
23	NC		Not used
24	IPPW	O	Power supply control output for IP BUS interface IC
25	ASENBO	O	Slave power supply control output
26	NC		Not used
27	TELIN	I	Telephone mute input
28	MUTE	O	System mute output
29	AMUTE	O	All system mute output
30	PBSENS	I	Parking brake sense input
31	VCAMUT	O	Mute output for monitor speaker
32	NL2	I	RDS noise level 2 input
33	VCK	O	Clock output for electronic volume
34	VST	O	Strobe pulse output for electronic volume
35	VDT	O	Data output for electronic volume
36	TMUTE	O	Tuner mute output
37	NC		Not used
38	SD	I	SD input
39	ST	I	FM stereo input
40	VSS		GND
41	VDD		Power supply
42,43	NC		Not used
44	RDCLK	I	RDS LK signal input
45	CURRQ	O	Tuner voltage FIX output
46	RDT	I	RDS demodulation data input
47	FM/AM	O	RDS decoder power supply control output
48	LOCL	O	Local L output
49	LOCH	O	Local H output
50	TUNPCE2	O	EEPROM chip enable output
51	ROMDATA	O	ROM correction data output
52	ROMCLK	O	ROM correction clock output
53	ROMCS	O	ROM correction chip select output
54	NC		Not used
55	VSEL0	O	Visual source select 0 output(NAVI/COMP)
56	VSEL1	O	Visual source select 1 output(OSD/AUX)
57	RMSEL	O	Rear monitor select output
58	NAVION	O	Guidance sound control output
59	CMPASEL	O	Composite sound select output(VTR1/VTR2)
60	VSYNCS	I	PAL/NTSC sense input

Pin No.	Pin Name	I/O	Function and Operation
61	NC		Not used
62	PCL	O	Clock adjustment output
63	SEL0	O	Source selector information 0 output
64	SEL1	O	Source selector information 1 output
65	TSCK	O	Test mode clock output
66	TSI	I	Test mode data input
67	TSO	O	Test mode data output
68	SDO	O	IIC data output
69	SCL	I	IIC clock output
70-72	NC		Not used
73	TEST	I	Test terminal
74	SL	I	Signal level input from tuner
75	NC		Not used
76	NL1	I	RDS noise level 1 input
77	SDBW	I	SDBW input
78,79	NC		Not used
80	MEMHLD	O	Memory hold output
81	NC		Not used
82	VDD		A/D converter power supply
83	VDD		A/D converter reference voltage
84	GND		A/D converter ground
85	RX	I	IP BUS data input
86	TX	O	IP BUS data output
87	GND		GND
88	LDET	I	PLL lock sense input
89	RCK	I	RDS demodulation clock input
90	RDS57K	I	57kHz BP-OUT sense input
91	ISENS	I	Illumination power sense input
92	ASENS	I	ACC power sense input
93	BSENS	I	Back up power sense input
94	TUNPDI	I	PLL IC data input
95	KEYDT	I	Key data input
96	DPDT	O	Display data output
97	TUNPCK	O	PLL IC clock output
98	TUNPDO	O	PLL IC data output
99	TUNPCE	O	PLL IC chip enable output
100	PEE	O	Beep tone output

*PE5034A

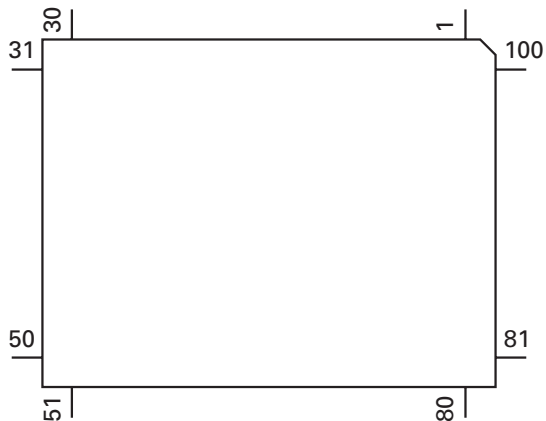


● Pin Functions (PE5035A)

Pin No.	Pin Name	I/O	Function and Operation
1	SWVDD	O	Keyboard unit power supply control output
2	DSSENS	I	Grille detach sense input
3	NAVSEN	I	Navigation sense input
4	NAVMIX	I	Guidance sound switching input
5	TESTIN	I	Test program mode input
6	DRST	O	RDS reset output
7,8	NC		Not used
9	RECIVE	O	During RDS data reception output
10	NC		Not used
11	RESET	I	Reset input
12	XT2		Not used
13	XT1		Connect to GND
14	VSS		GND
15	X2		Crystal oscillator connection pin
16	X1		Crystal oscillator connection pin
17	REGOFF		Not used
18	REGC		Capacitor for regulator connect pin
19	VDD		Power supply
20	VPWR	O	Monitor power supply control output
21	SYSPW	O	System power control output
22	ADPW	O	A/D converter power supply control output
23	NC		Not used
24	IPPW	O	Power supply control output for IP BUS interface IC
25	ASENBO	O	Slave power supply control output
26	NC		Not used
27	TELIN	I	Telephone mute input
28	MUTE	O	System mute output
29	AMUTE	O	All system mute output
30	PBSENS	I	Parking brake sense input
31	VCAMUT	O	Mute output for monitor speaker
32	NL2	I	RDS noise level 2 input
33	VCK	O	Clock output for electronic volume
34	VST	O	Strobe pulse output for electronic volume
35	VDT	O	Data output for electronic volume
36	NC		Not used
37	NC		Not used
38	SD	I	SD input
39	ST	I	FM stereo input
40	VSS		GND
41	VDD		Power supply
42,43	NC		Not used
44	RDSLK	I	RDS LK signal input
45	CURRQ	O	Tuner voltage FIX output
46	RDT	I	RDS demodulation data input
47	FM/AM	O	RDS decoder power supply control output
48	LOCL	O	Local L output
49	LOCH	O	Local H output
50	TUNPCE2	O	EEPROM chip enable output
51	ROMDATA	O	ROM correction data output
52	ROMCLK	O	ROM correction clock output
53	ROMCS	O	ROM correction chip select output
54	NC		Not used
55	VSEL0	O	Visual source select 0 output(NAVI/COMP)
56	VSEL1	O	Visual source select 1 output(OSD/AUX)
57	RMSEL	O	Rear monitor select output
58	NAVION	O	Guidance sound control output
59	CMPASEL	O	Composite sound select output(VTR1/VTR2)
60	VSYNCS	I	PAL/NTSC sense input

Pin No.	Pin Name	I/O	Function and Operation
61	NC		Not used
62	PCL	O	Clock adjustment output
63	SEL0	O	Source selector information 0 output
64	SEL1	O	Source selector information 1 output
65	TSCK	O	Test mode clock output
66	TSI	I	Test mode data input
67	TSO	O	Test mode data output
68	SDO	O	IIC data output
69	SCL	I	IIC clock output
70-72	NC		Not used
73	TEST	I	Test terminal
74	SL	I	Signal level input from tuner
75-79	NC		Not used
80	MEMHLD	O	Memory hold output
81	NC		Not used
82	VDD		A/D converter power supply
83	VDD		A/D converter reference voltage
84	GND		A/D converter ground
85	RX	I	IP BUS data input
86	TX	O	IP BUS data output
87	GND		GND
88	NC		Not used
89	RCK	I	RDS demodulation clock input
90	NC		Not used
91	ISENS	I	Illumination power sense input
92	ASENS	I	ACC power sense input
93	BSENS	I	Back up power sense input
94	TUNPDI	I	PLL IC data input
95	KEYDT	I	Key data input
96	DPDT	O	Display data output
97	TUNPCK	O	PLL IC clock output
98	TUNPDO	O	PLL IC data output
99	TUNPCE	O	PLL IC chip enable output
100	PEE	O	Beep tone output

*PE5035A

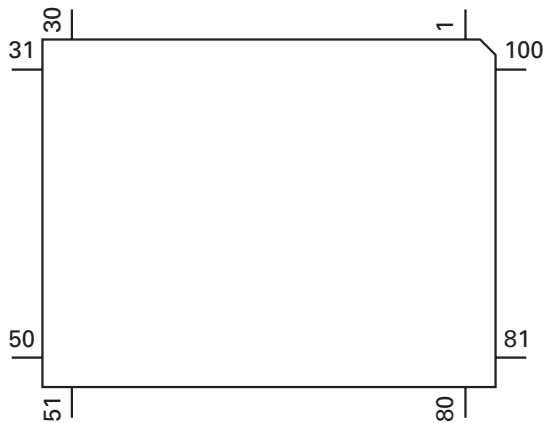


● Pin Functions (PE5036A)

Pin No.	Pin Name	I/O	Function and Operation
1	SWVDD	O	Keyboard unit power supply control output
2	DSENS	I	Grille detach sense input
3	NAVSEN	I	Navigation sense input
4	NAVMIX	I	Guidance sound switching input
5	TESTIN	I	Test program mode input
6-10	NC		Not used
11	RESET	I	Reset input
12	XT2		Not used
13	XT1		Connect to GND
14	VSS		GND
15	X2		Crystal oscillator connection pin
16	X1		Crystal oscillator connection pin
17	REGOFF		Not used
18	REGC		Capacitor for regulator connect pin
19	VDD		Power supply
20	VPWR	O	Monitor power supply control output
21	SYSPW	O	System power control output
22	ADPW	O	A/D converter power supply control output
23	NC		Not used
24	IPPW	O	Power supply control output for IP BUS interface IC
25	ASENBO	O	Slave power supply control output
26	NC		Not used
27	TELIN	I	Telephone mute input
28	MUTE	O	System mute output
29	AMUTE	O	All system mute output
30	PBSENS	I	Parking brake sense input
31	VCAMUT	O	Mute output for monitor speaker
32	NL2	I	RDS noise level 2 input
33	VCK	O	Clock output for electronic volume
34	VST	O	Strobe pulse output for electronic volume
35	VDI	O	Data output for electronic volume
36	NC		Not used
37	NC		Not used
38	SD	I	SD input
39	ST	I	FM stereo input
40	VSS		GND
41	VDD		Power supply
42	MODELIN	I	Model select input
43	ANTPW	O	Auto antenna control output
44	NC		Not used
45	CURRO	O	Tuner voltage FIX output
46,47	NC		Not used
48	LOCL	O	Local L output
49	LOCH	O	Local H output
50	TUNPCE2	O	EEPROM chip enable output
51	ROMDATA	O	ROM correction data output
52	ROMCLK	O	ROM correction clock output
53	ROMCS	O	ROM correction chip select output
54	NC		Not used
55	VSEL0	O	Visual source select 0 output(NAVI/COMP)
56	VSEL1	O	Visual source select 1 output(OSD/AUX)
57	RMSEL	O	Rear monitor select output
58	NAVION	O	Guidance sound control output
59	CMPASEL	O	Composite sound select output(VTR1/VTR2)
60	VSYNCS	I	PAL/NTSC sense input
61	NC		Not used
62	PCL	O	Clock adjustment output
63	SEL0	O	Source selector information 0 output

Pin No.	Pin Name	I/O	Function and Operation
64	SEL1	O	Source selector information 1 output
65	TCLK	O	Test mode clock output
66	TSI	I	Test mode data input
67	TDO	O	Test mode data output
68	SDO	O	IIC data output
69	SCL	I	IIC clock output
70-72	NC		Not used
73	TEST	I	Test terminal
74	SL	I	Signal level input from tuner
75	NC		Not used
76-79	NC		Not used
80	MEMHLD	O	Memory hold output
81	NC		Not used
82	VDD		A/D converter power supply
83	VDD		A/D converter reference voltage
84	GND		A/D converter ground
85	RX	I	IP BUS data input
86	TX	O	IP BUS data output
87	GND		GND
88-90	NC		Not used
91	ISENS	I	Illumination power sense input
92	ASENS	I	ACC power sense input
93	BSENS	I	Back up power sense input
94	TUNPDI	I	PLL IC data input
95	KEYDT	I	Key data input
96	DPDT	O	Display data output
97	TUNPCK	O	PLL IC clock output
98	TUNPDO	O	PLL IC data output
99	TUNPCE	O	PLL IC chip enable output
100	PEE	O	Beep tone output

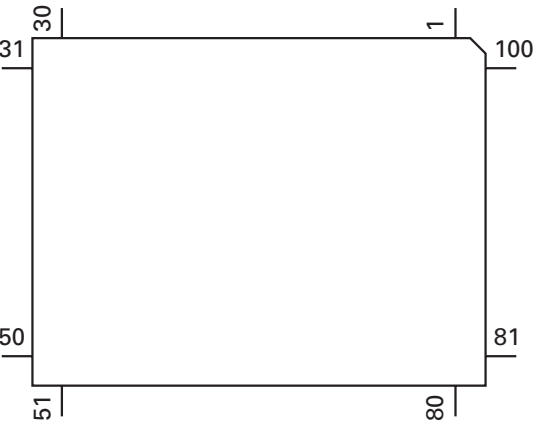
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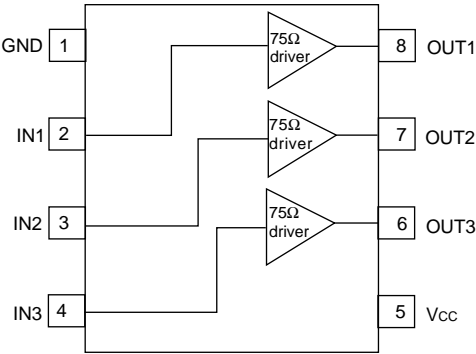
● Pin Functions (PE5037A)

Pin No.	Pin Name	I/O	Function and Operation
1-8	NC		Not used
9	VDD		Power supply terminal
10-18	NC		Not used
19	VSYNC	I	Measurement input of vertical synchronizing signal pulse
20,21	NC		Not used
22	TEST		IC test terminal
23-36	NC		Not used
37	VDD		Power supply terminal
38	X2		Crystal oscillator connection terminal
39	X2		Crystal oscillator connection terminal
40	VSS		GND
41	XT2		Not used
42	XT2		Not used
43	RESET	I	Rest input
44	CE	I	Chip enable input
45	REMIN	I	Remote controller input
46-50	NC		Not used
51	AVDD		A/D converter power supply terminal
52	AVREF0		A/D converter reference voltage terminal
53-60	NC		Not used
61	AVSS		A/D converter ground terminal
62,63	NC		Not used
64	AVREF1		A/D converter reference voltage terminal
65-67	NC		Not used
68	DISPIN	I	Display data input
69	KEYOUT	O	Key data output
70	NC		Not used
71	OSDRES	O	OSD reset output
72	OSDCS	O	OSD Chip select output
73	TSI	I	Test mode data input
74	OSDT/TSO	O	OSD data output / Test mode data output
75	OSDCK/TSCK	O	OSD serial clock output / Test mode clock output
76-89	NC		Not used
90	PALOUT	O	PAL / NTSC information output
91-99	NC		Not used
100	VSS		GND

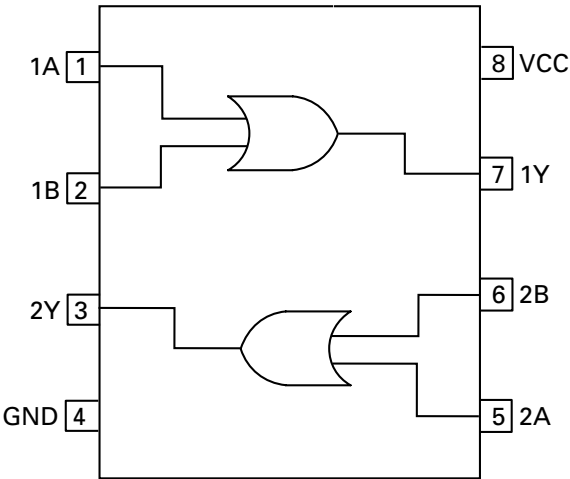
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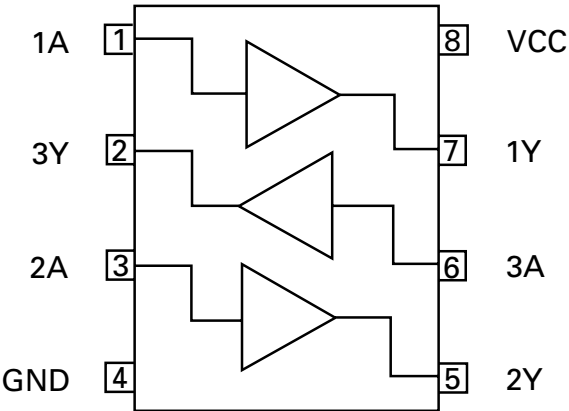
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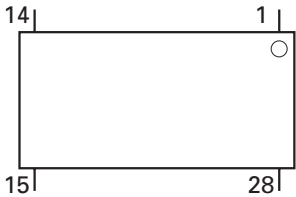
TC7W32FU



TC7W34FU



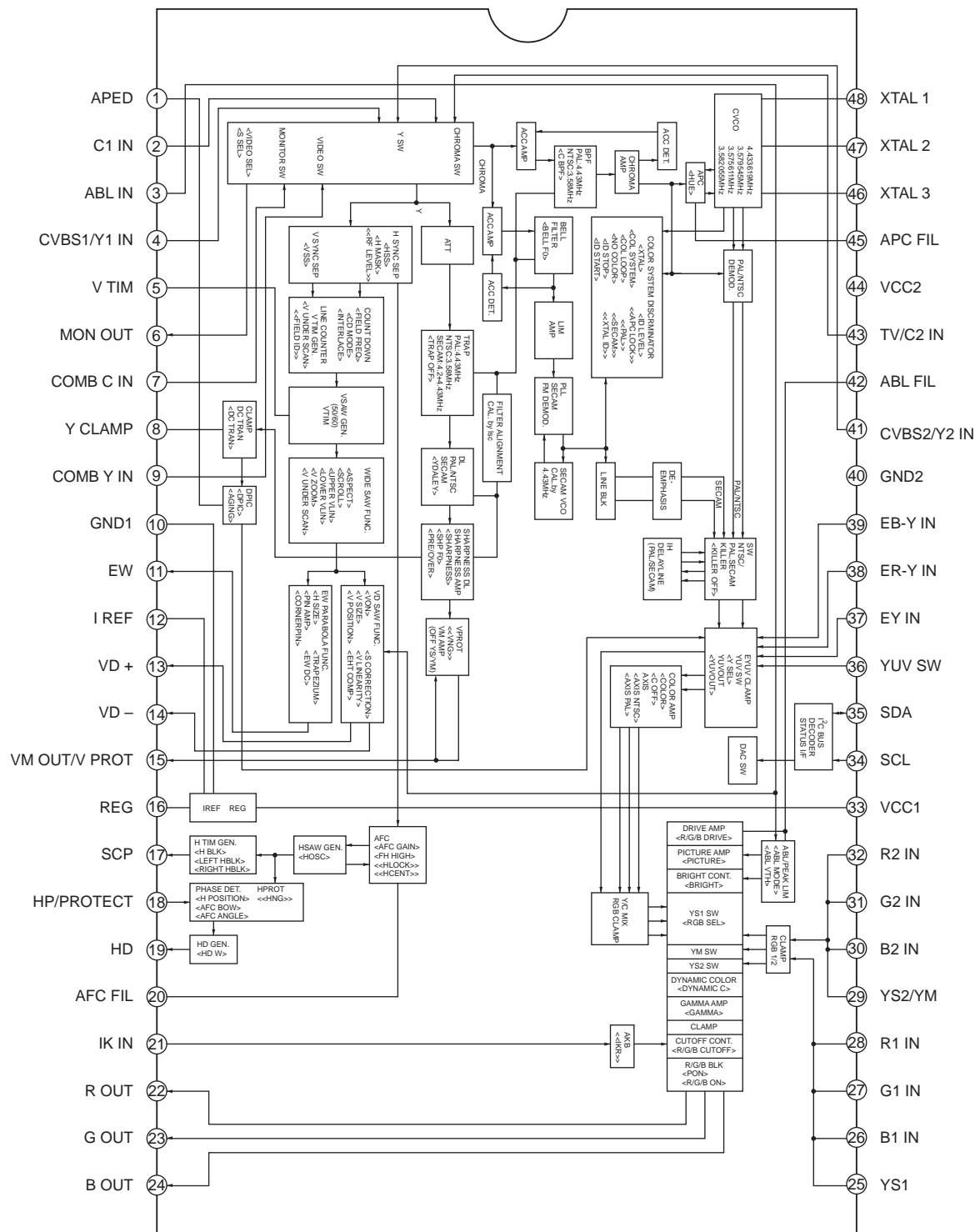
*PD0267BM



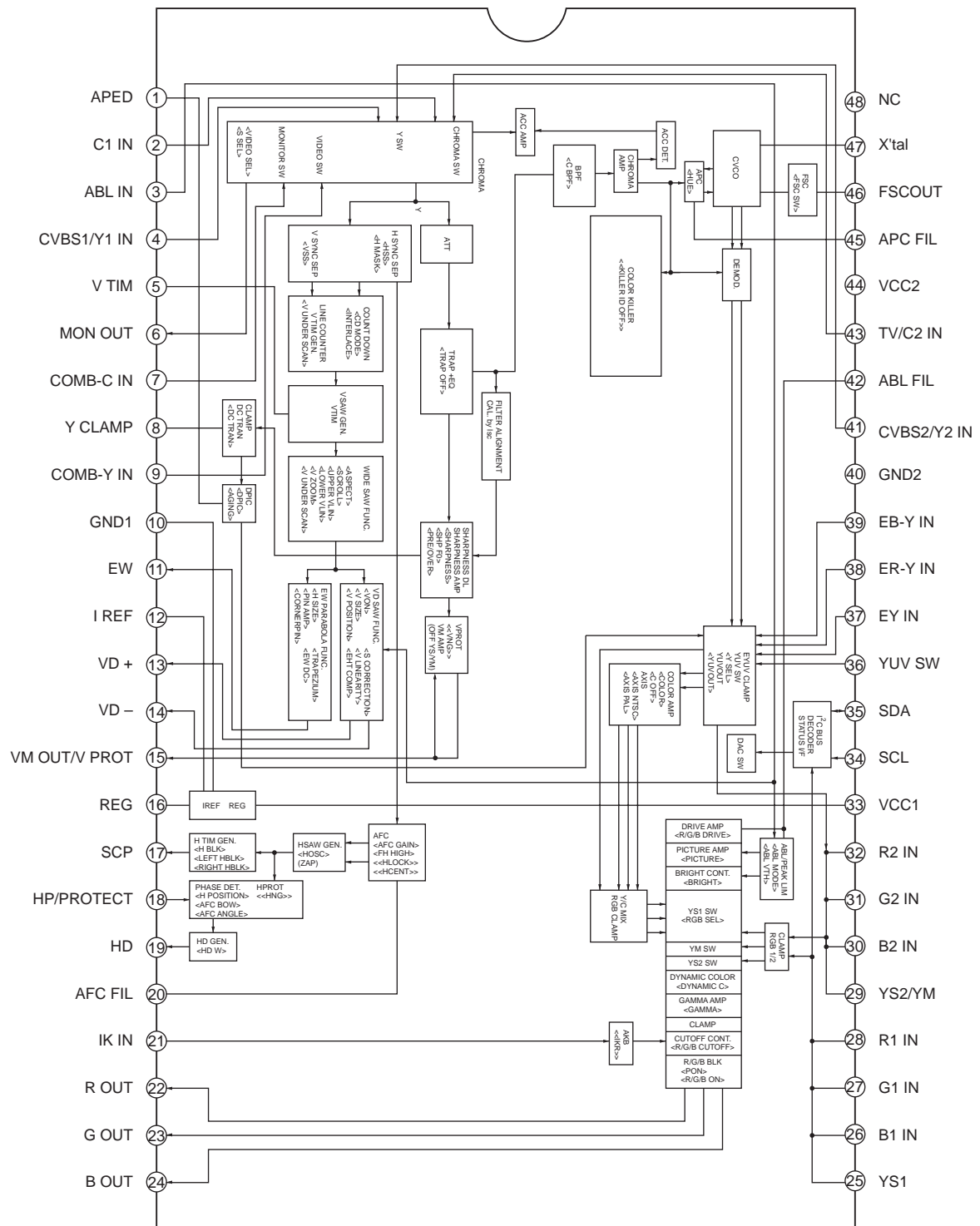
● Pin Functions (PD0267BM)

Pin No.	Pin Name	I/O	Function and Operation
1	AVSS		Analog circuit ground terminal
2	LPF	I	Low pass filter input
3	REF	I	VCO free run frequency control input
4	OSCIN		Oscillator input
5	OSCOUT		Oscillator input
6	AVDD		Analog circuit power supply terminal
7	ODD		ODD signal input
8	H	I	Horizontal synchronizing signal input
9,10	NC		Not used
11	HIIC	I	HIIC input
12	V	I	Vatical synchronizing signal input
13	XRST	I	Reset input
14	DVDD		Digital circuit power supply terminal
15	SCL	I	Serial clock input
16	SDA	I	Serial data input
17	XCS	I	Chip select input
18	NC		Not used
19	DVSS		Digital circuit ground terminal
20	DC	O	Dot clock output
21	BLK2	O	Blanking 2 output
22	BLK1	O	Blanking 1 output
23	AVDD1		D/A converter power supply terminal
24	I	O	Intensity signal output
25	B	O	Blue signal output
26	G	O	Green signal output
27	R	O	Red signal output
28	AVSS2		D/A converter ground terminal

CXA2060BS



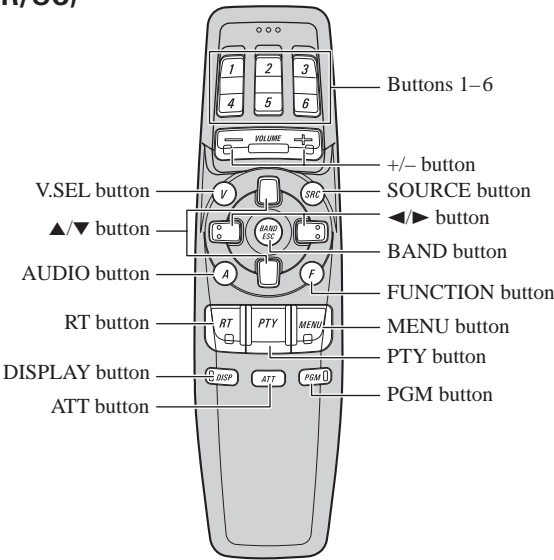
CXA2061S



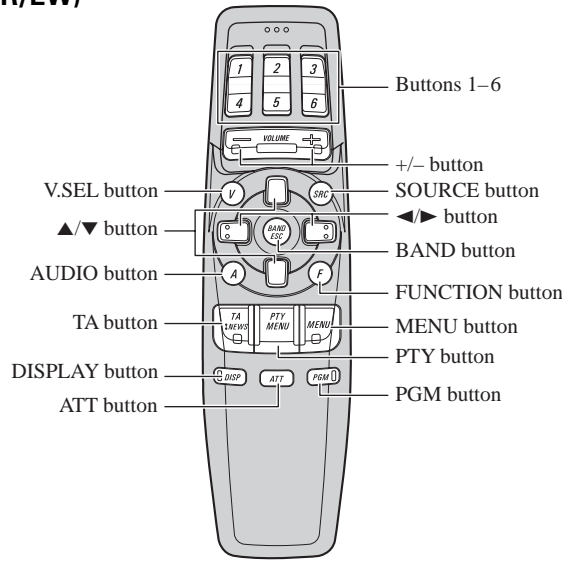
8. OPERATIONS AND SPECIFICATIONS

8.1 OPERATIONS

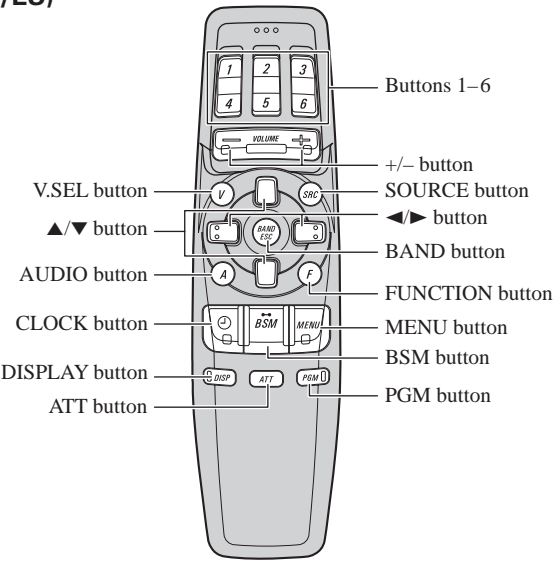
● Remote Controller(AVM-P7000R/UC)



● Remote Controller(AVM-P7000R/EW)



● Remote Controller(AVM-P7000/ES)

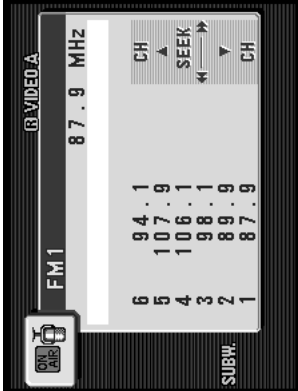
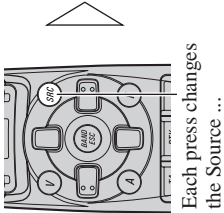


Basic Operation

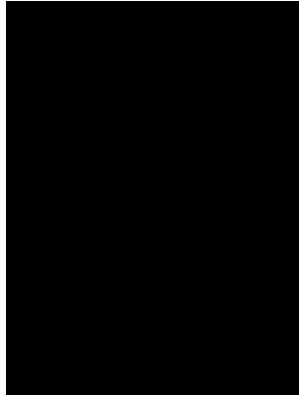
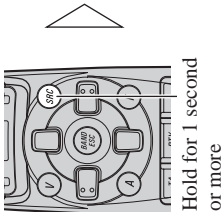
To Listen to Music

The following explains the initial operations required before you can listen to music.

1. Select the desired source in the following order (e.g. tuner):



3. Turn the source OFF.

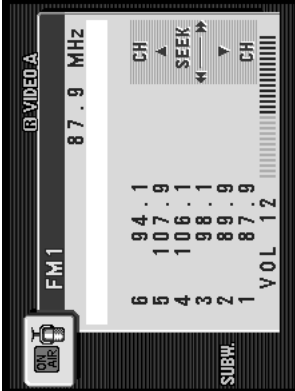
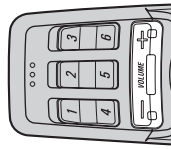


CD player (one disc only) → TV → VIDEO A → VIDEO B → Tuner → DAB (Digital Audio Broadcasting) → MD player → Multi-CD player → AUX → Speaker Input

Note:

- In the following cases, the sound source will not change:
 - * When the sound source from another product is not connected to this product.
 - * No Multi-CD player is connected to this product.
 - * When no disc is set in the CD player.
 - * When no disc is set in the MD player.
 - * When the AUX (external input), VIDEO A, VIDEO B and Speaker Input are set to OFF.

2. Raise or lower the volume.



Basic Operation of Tuner

Band

FM1 → FM2 → FM3
→ AM

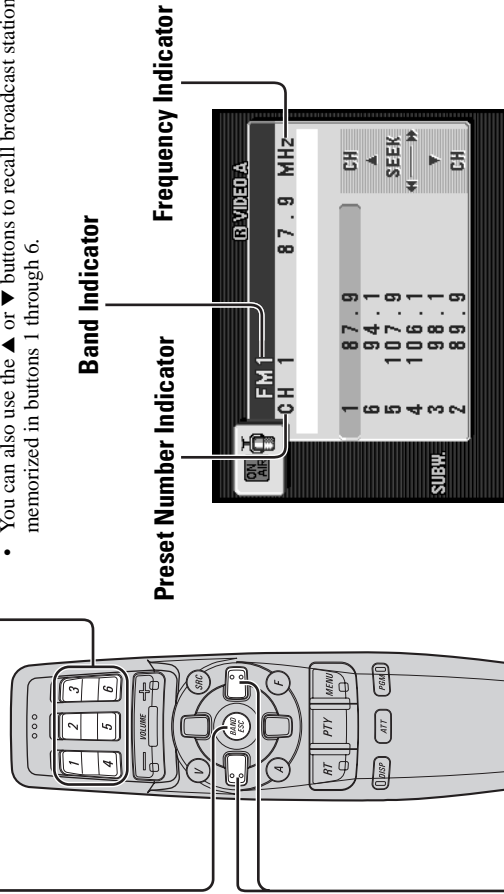
Preset Tuning

- You can memorize broadcast stations in buttons 1 through 6 for easy, one-touch station recall.

Preset station recall	2 seconds or less
Broadcast station preset memory	2 seconds or more

Note:

- Up to 18 FM stations (6 in FM1, FM2 and FM3) and 6 AM stations can be stored in memory.
- You can also use the ▲ or ▼ buttons to recall broadcast stations memorized in buttons 1 through 6.



Manual and Seek Tuning

- You can select the tuning method by changing the length of time you press the ◀/▶ button.

Manual Tuning (step by step)	0.5 seconds or less
Seek Tuning	0.5 seconds or more

Note:

- If you continue pressing the button for longer than 0.5 seconds, you can skip broadcasting stations. Seek Tuning starts as soon as you stop pressing the button.
- “○○” stereo indicator lights when a stereo station is selected.

Basic Operation of Multi-CD Player

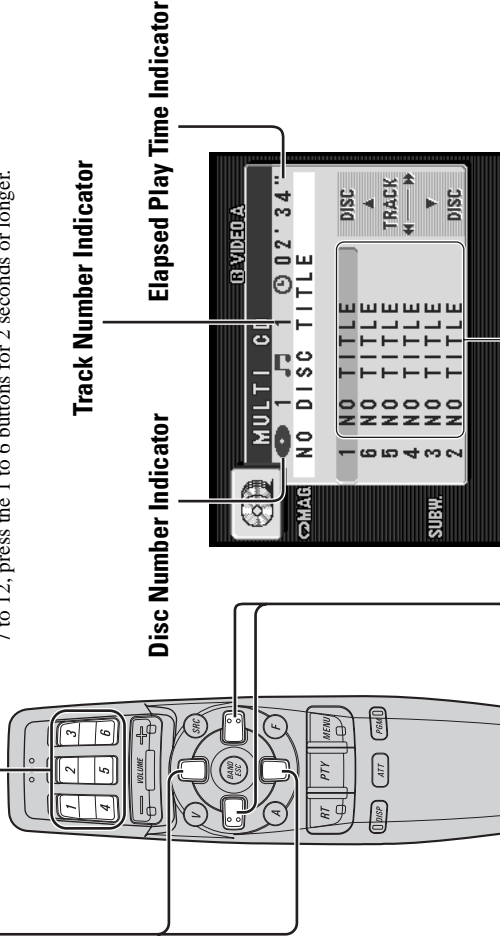
This product can control a multi-CD player. (With certain old type multi-CD players, using a multiple connection adapter lets you connect multiple units which you can control with this product.)

Disc Number Search (for 6-Disc, 12-Disc types)

- You can select discs directly with the 1 to 6 buttons. Just press the number corresponding to the disc you want to listen to.

Disc Search

- Note:
 - When a 12-Disc Multi-CD Player is connected and you want to select disc 7 to 12, press the 1 to 6 buttons for 2 seconds or longer.



If a disc title has been input, the title will be displayed.

Track Search and Fast Forward/Reverse

- You can select between Track Search or Fast forward/Reverse by pressing the ◀/▶ button for a different length of time.

Track Search	0.5 seconds or less
Fast forward/Reverse	Continue pressing

Note:

- The multi-CD player may perform a preparatory operation, such as verifying the presence of a disc or reading disc information, when the power is turned ON or a new disc is selected for playback. “READY” is displayed.
- If the multi-CD player cannot operate properly, an error message such as “ERROR-14” is displayed. Refer to the multi-CD player owner’s manual.
- If there are no discs in the multi-CD player magazine, “NO DISC” is displayed.

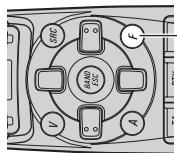
Entering the Function Menu

The Function Menu lets you operate simple functions for each source.

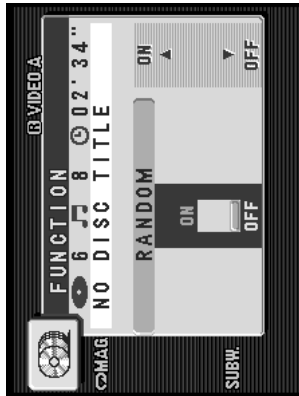
Note:

- After entering the Function Menu, if you do not perform an operation within about 30 seconds, the Function Menu is automatically canceled.

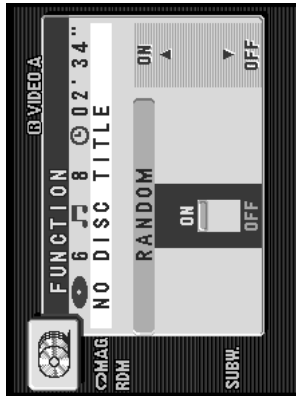
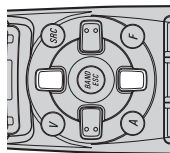
1. Select the desired mode in the Function Menu.



Each press changes the Mode ...

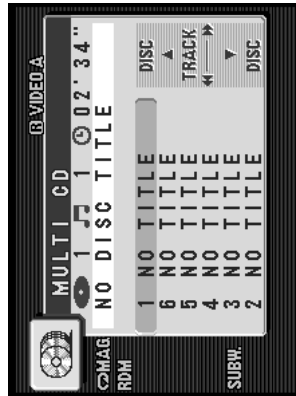
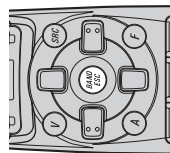


2. Operate a mode. (e.g. Random Play)



The button used and the operation it performs are indicated by the key guidance indicator. Press the button to switch the key guidance indicator ON, and the button to switch it OFF.

3. Cancel the Function Menu.



Function Menu Functions

The following chart shows functions for each source in the Function Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

■ Tuner

Function name (Display)	Button : Operation
Best Stations Memory (BSM)	▲:ON ▼:OFF
Local Seek Tuning (LOCAL)	1 ▲:ON ▼:OFF 2 ◀ or ▶:Select (Sensitivity)
TA Function (TRAFFIC ANNC.)	▲:ON ▼:OFF
Seek Select (SEEK SELECT)	◀:Frequency Search ▶:PTY Search

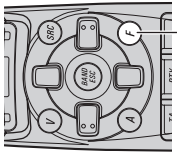
■ Multi-CD Player

Function name (Display)	Button : Operation
Repeat Modes (PLAY MODE)	◀ or ▶:Select (Play range)
Random Play (RANDOM)	▲:ON ▼:OFF
Scan Play (SCAN)	▲:ON ▼:OFF
ITS Play (ITS PLAY)	▲:ON ▼:OFF
Pause (PAUSE)	▲:ON ▼:OFF
CD Sound Quality Adjustment (COMP SELECT)	▲ or ▼:Select (Sound Quality Function)

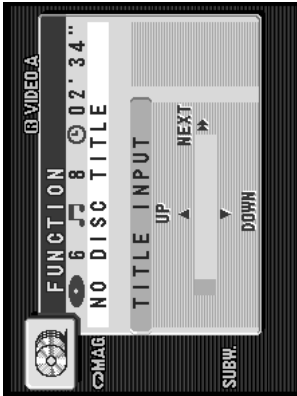
Entering the Detailed Setting Menu

In the Detailed Setting Menu, you can operate convenient, complex functions for each source.

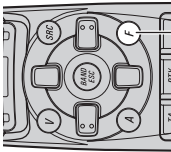
1. Enter the Detailed Setting Menu.



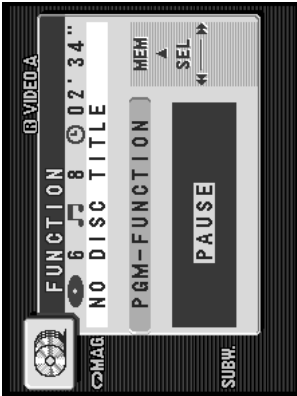
Hold for 2 seconds



2. Select the desired mode. (Refer to ‘Detailed Setting Menu functions’.)

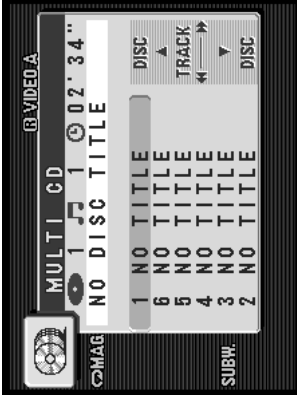
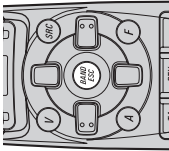


Each press changes the Mode ...



3. Operate a mode.

4. Cancel the Detailed Setting Menu.



Note:

- You can cancel the Detailed Setting Menu by pressing the FUNCTION button again for 2 seconds or more.

Detailed Setting Menu Functions

The following chart shows functions for each source in the Detailed Setting Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

Tuner

Function name (Display)	Button : Operation
Program Function (PGM-FUNCTION)	1 ◀ or ▶:Select (Function)
	2 ▲:Memory

Multi-CD Player

Function name (Display)	Button : Operation
Disc Title Input (TITLE INPUT)	1 ▲ or ▼:Select (Letter)
	2 ◀ or ▶:Select (Position)
	3 ▶:Memory
ITS Programming (ITS INPUT)	▲:Memory
Program Function (PGM-FUNCTION)	1 ◀ or ▶:Select (Function)
	2 ▲:Memory

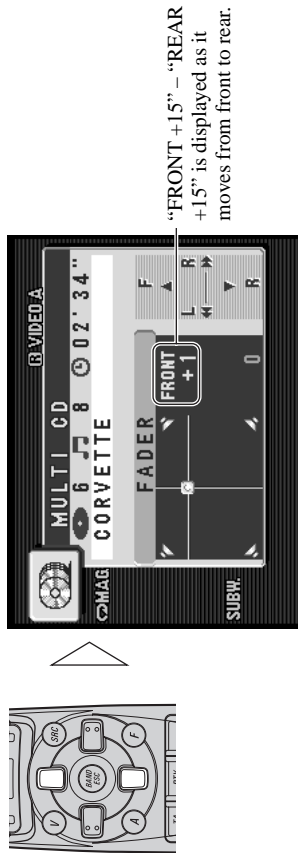
Audio Adjustment

Balance Adjustment (FADER/BALANCE)

This function allows you to select a Fader/Balance setting that provides ideal listening conditions in all occupied seats.

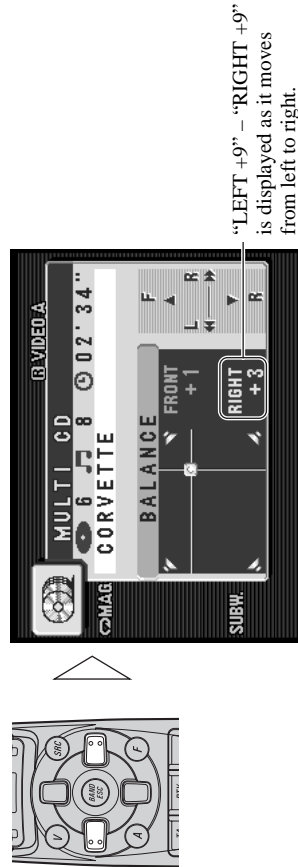
1. Press the AUDIO button and select the Fader/Balance mode (FADER/BALANCE) in the Audio Menu.

2. Adjust front/rear speaker balance.



“FRONT +15” – “REAR +15” is displayed as it moves from front to rear.

3. Adjust left/right speaker balance.



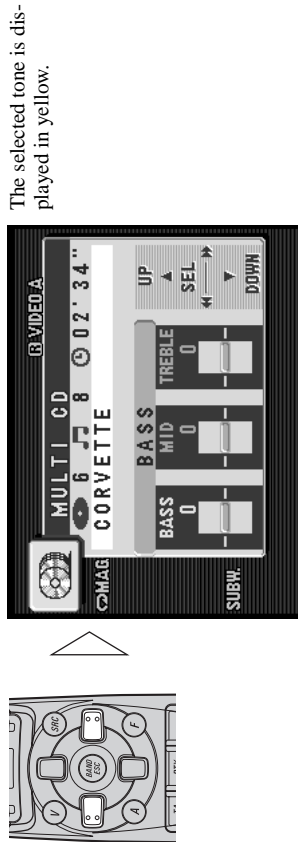
“LEFT +9” – “RIGHT +9” is displayed as it moves from left to right.

Bass/Middle/Treble Adjustment (BASS/MID/TREBLE)

This product is equipped with three tone adjustment modes, the Bass (BASS), Middle (MID) and Treble (TREBLE) modes.

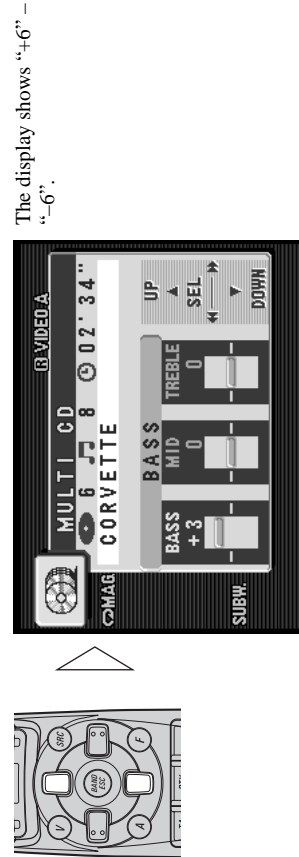
1. Press the AUDIO button and select the Bass (BASS)/Middle (MID)/Treble (TREBLE) mode in the Audio Menu.

2. Select the desired tone for adjustment.



The selected tone is displayed in yellow.

3. Increase or decrease the intensity of the Bass, Middle or Treble, whichever is selected.



The display shows “+6” – “-6”.

Note:

- “FADER 0” is the proper setting when 2 speakers are in use.

4. Repeat steps 2–3 above for the other Bass, Middle or Treble Adjustment.

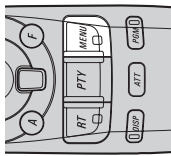
Adjusting the Picture

You can independently adjust VIDEO A, VIDEO B and TV Tuner Unit picture quality. You can also make adjustments to the picture quality when viewing something with the car light ON and with it OFF, and store both settings in memory.

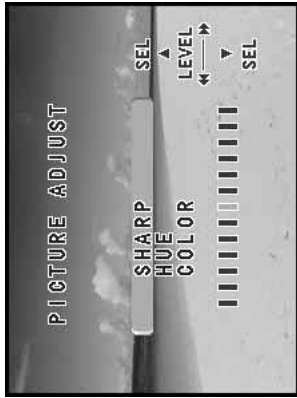
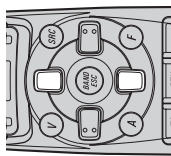
Note:

- After entering the Picture Adjust Menu, if you do not perform an operation within about 30 seconds, the Picture Adjust Menu is automatically canceled.

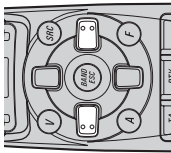
1. Enter the Picture Adjust Menu.



2. Select the desired mode for adjustment.

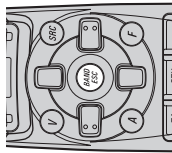


3. Adjust the selected mode.



4. Repeat steps 2–3 above for the other Color and Sharpness adjustment.

5. Cancel the Picture Adjust Menu.



Color (COLOR)

You can adjust the color of the picture.

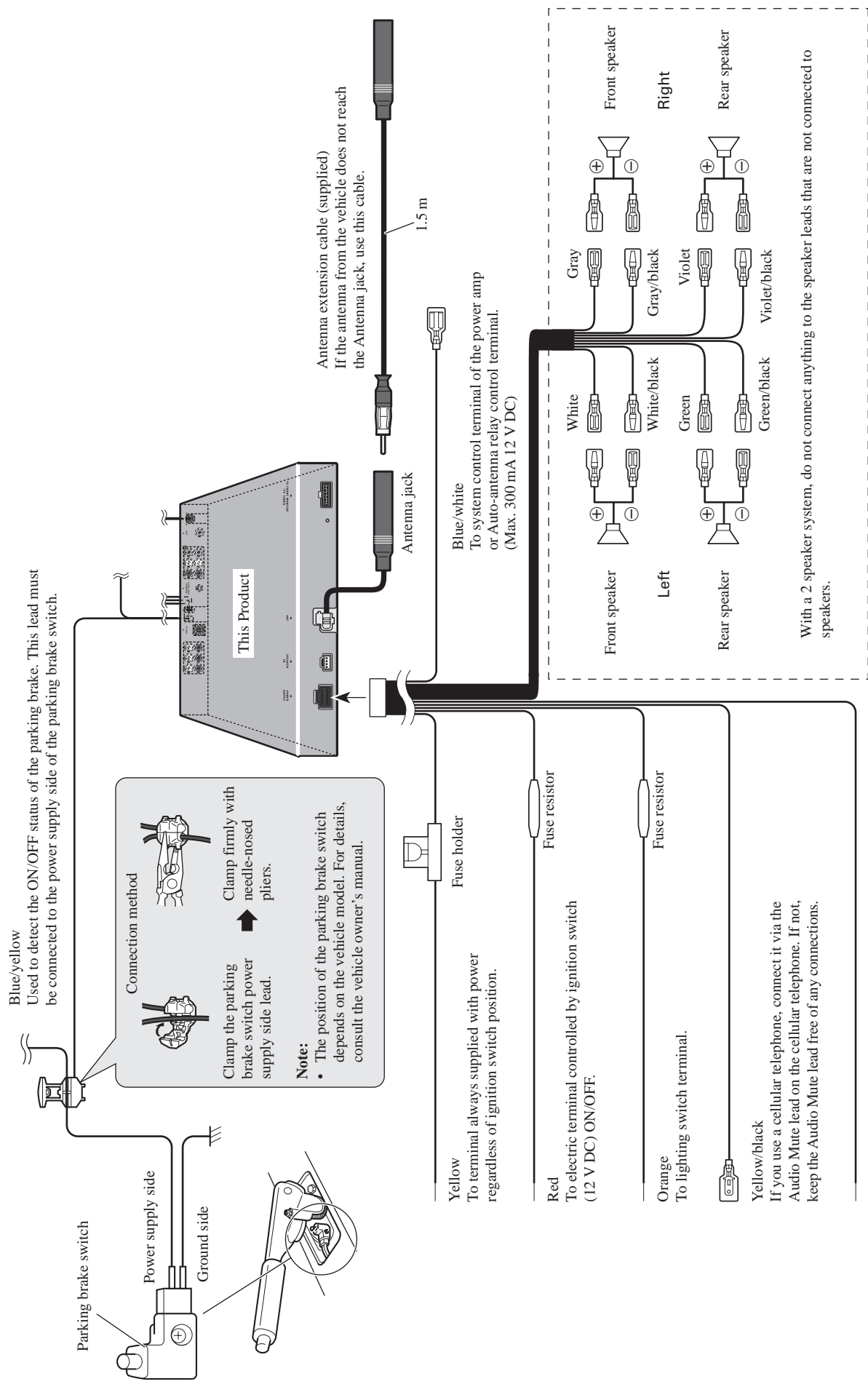
Hue (HUE)

You can adjust the hue of the picture.

Sharpness (SHARP)

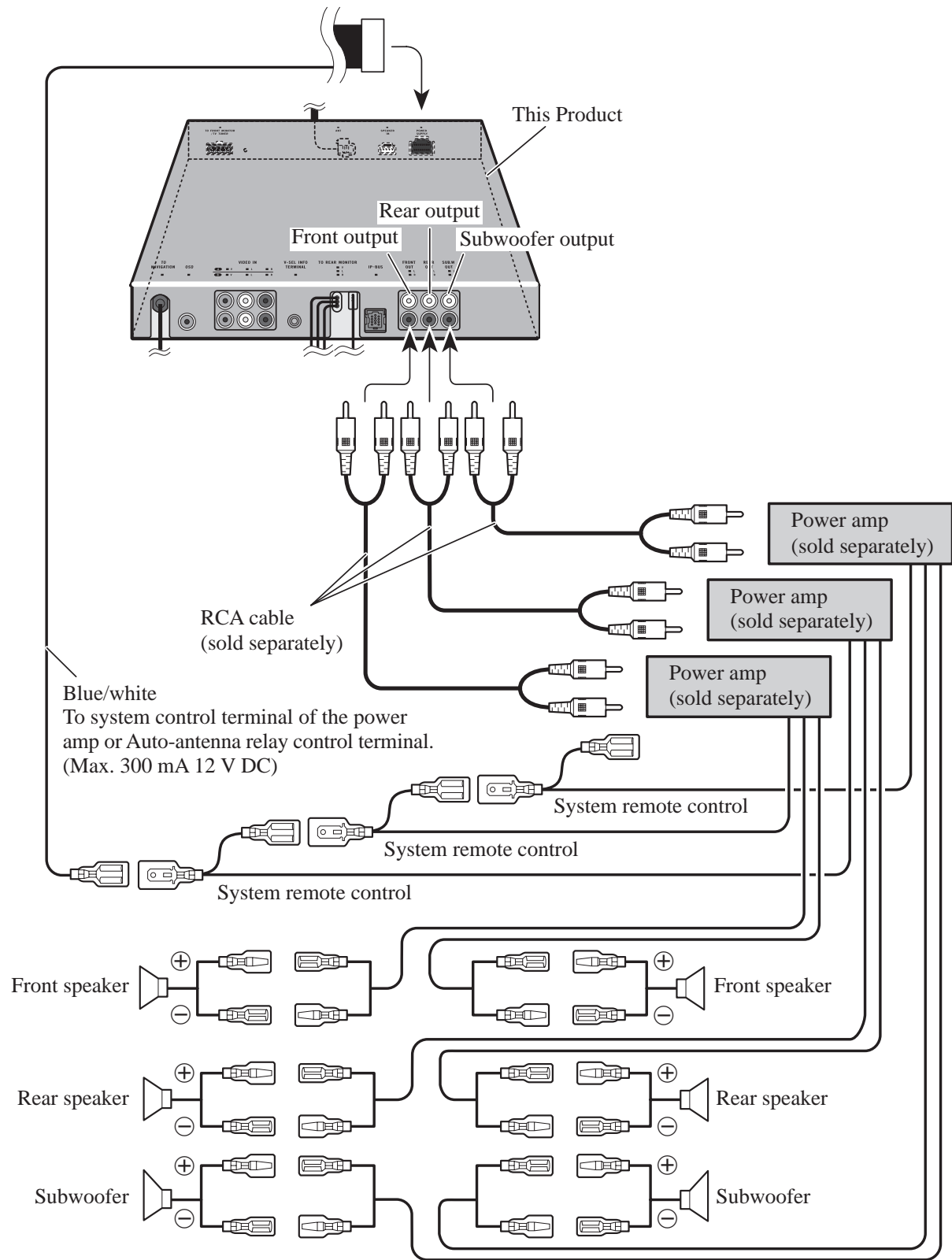
You can adjust the sharpness of the picture.

Connecting the Power Cord



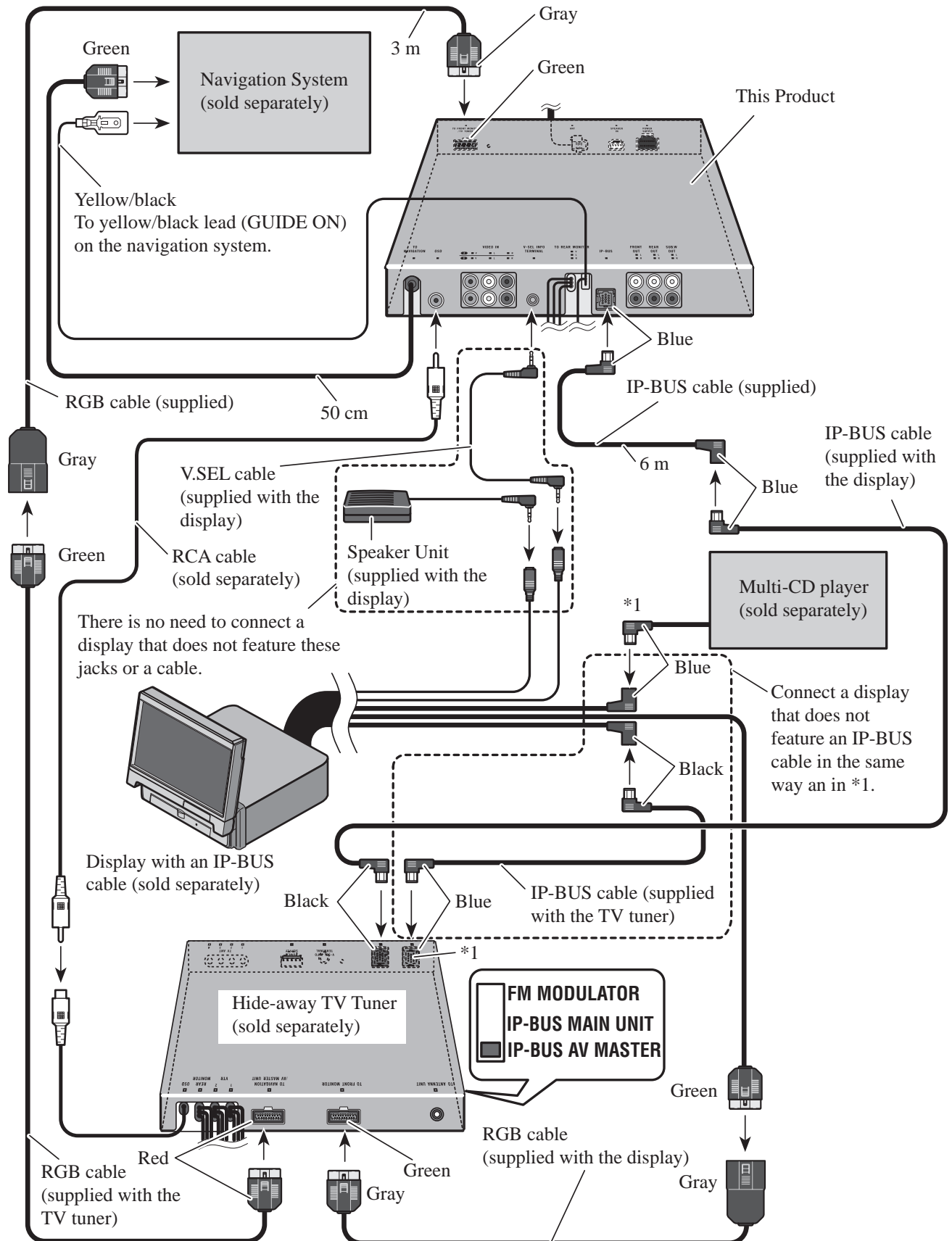
Connecting to a Sold Separately Power Amp

This product can be connected to a sold separately power amp using the RCA output jacks.

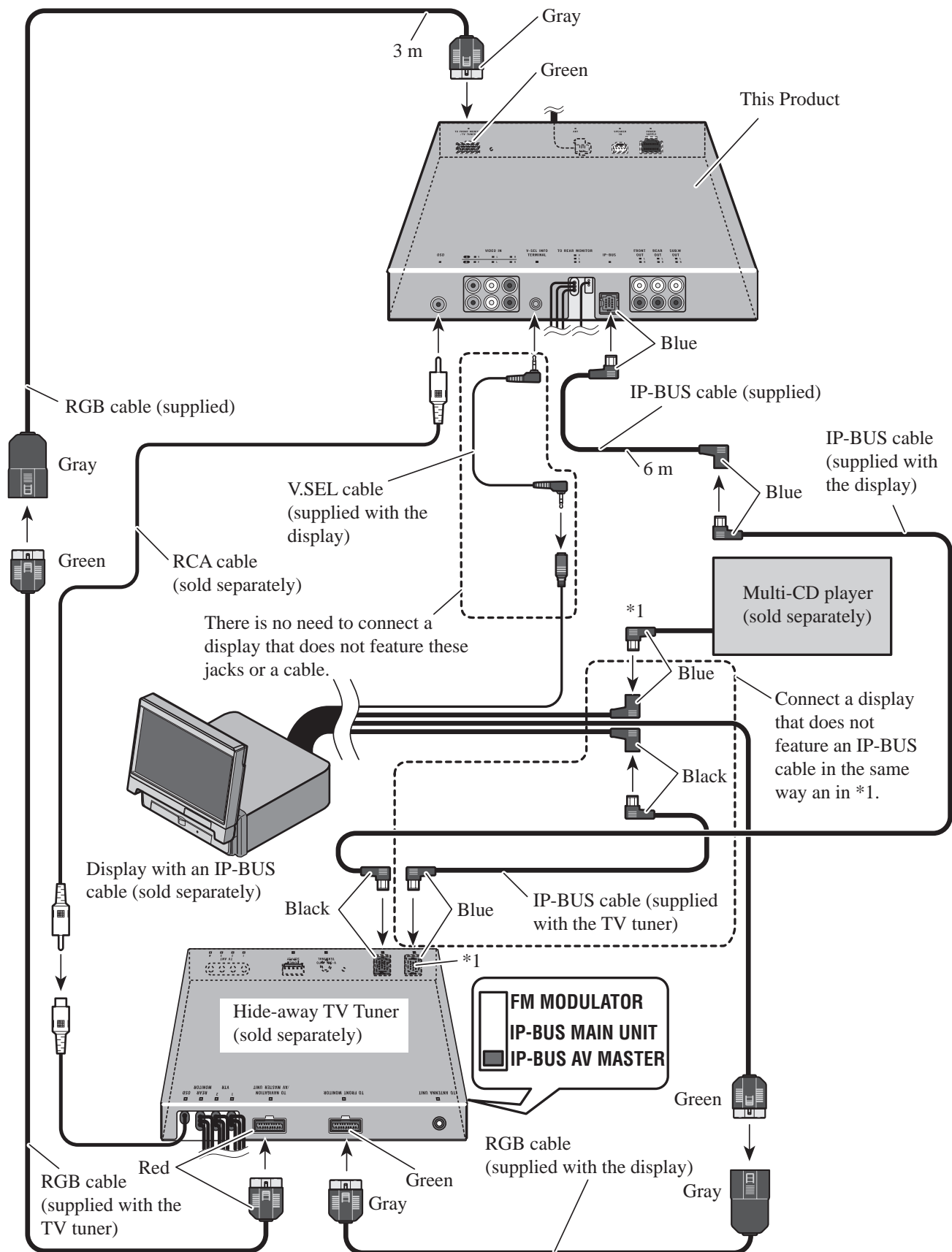


Perform these connections when using a different amp (sold separately).

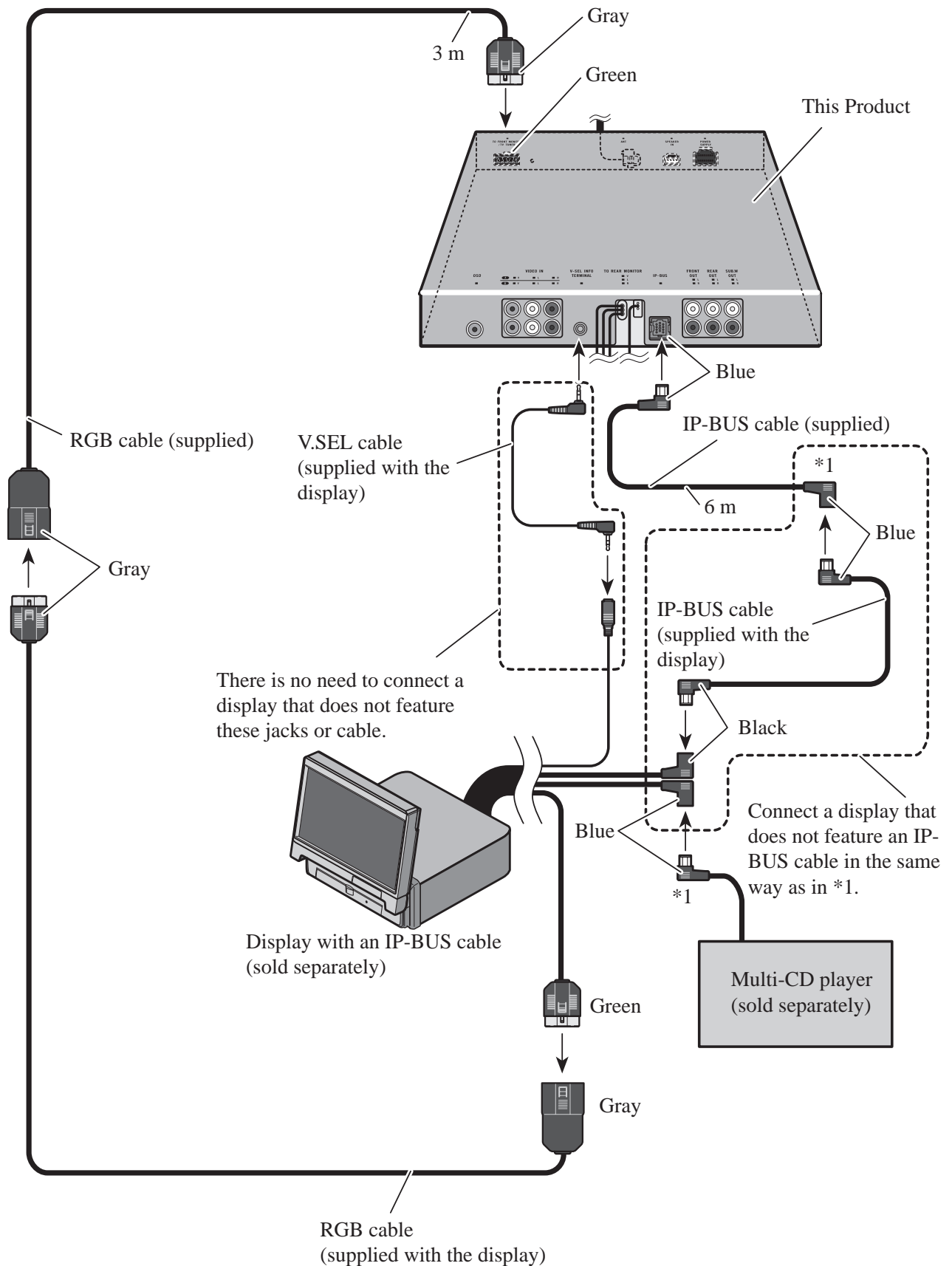
Connecting the System (A)(AVM-P7000R/UC, AVM-P7000R/EW)



Connecting the System (A)(AVM-P7000/ES)

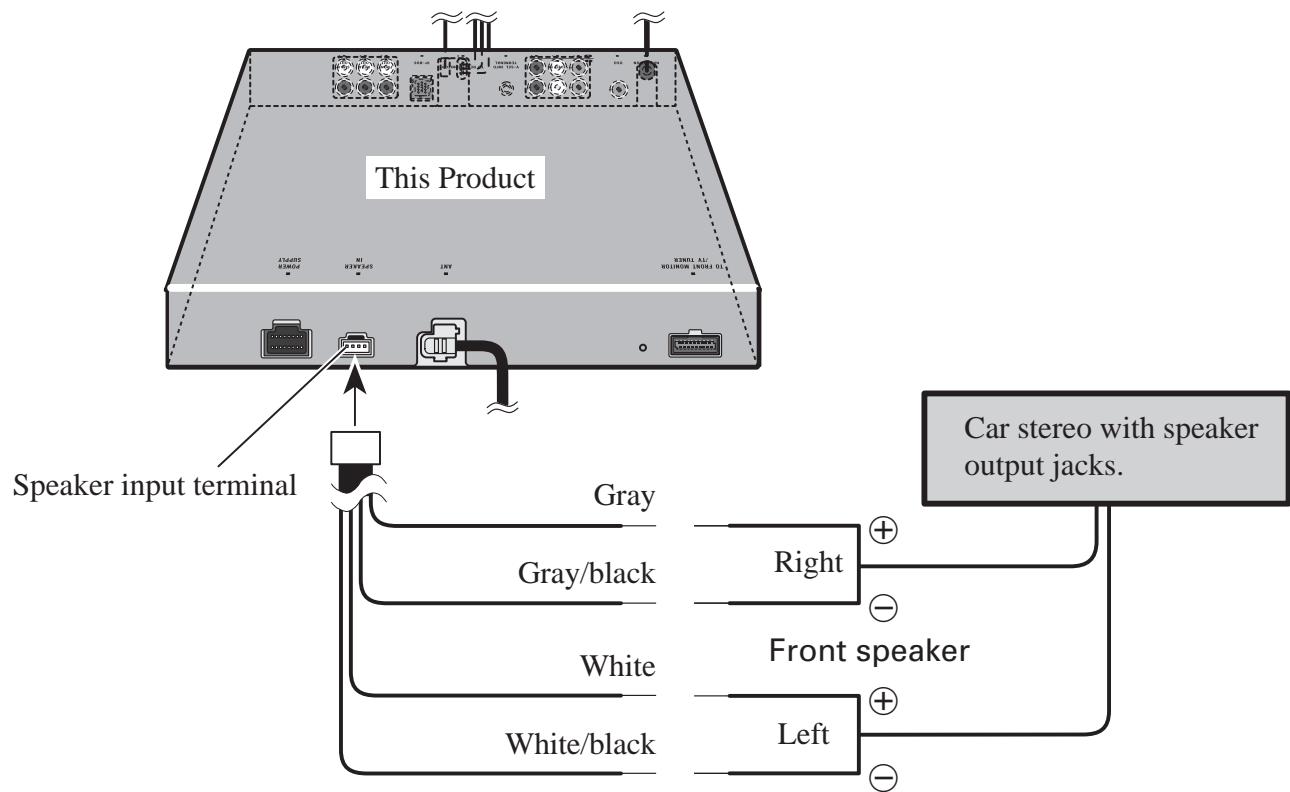


Connecting the System (B)(AVM-P7000/ES)



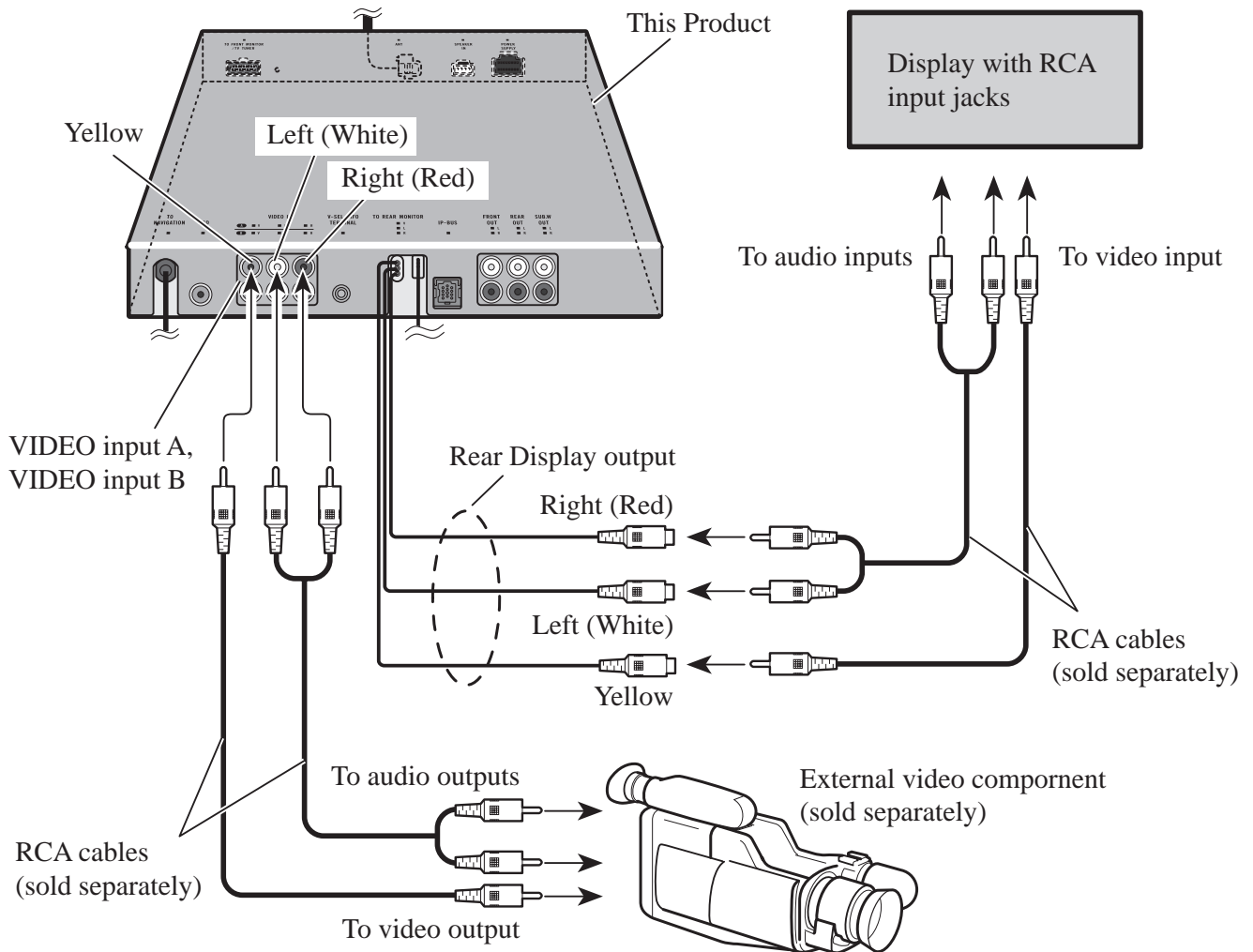
Speaker Input Jack Connection

This product also be connected to a car stereo without RCA output jacks by using the speaker input jacks.



VIDEO Input/Output Connection

It is possible to use up to two external video components by connecting them to the video inputs A and B on this product. When connecting the Display with RCA input jacks to Rear Display output, you can also watch the external video component's picture.



8.2 SPECIFICATIONS

● AVM-P7000R/UC

General

Power source 14.4 V DC (10.8 – 15.1 V allowable)
Grounding system Negative type
Max. current consumption 10 A
Dimensions 307 (W) × 41 (H) × 187 (D) mm
[12-1/8 (W) × 1-5/8 (H) × 7-3/8 (D) in.]
Weight 1.8 kg (4.0 lbs)

Amplifier

Continuous power output is 22 W per channel min. into 4 ohms, both channels driven 50 to 15,000 Hz with no more than 5% THD.
Maximum power output 45 W × 4
Load impedance 4 Ω (4 – 8 Ω allowable)
Preout maximum output level/output impedance 2.2 V/1 kΩ
Subwoofer output
Crossover frequency 50 Hz, 80 Hz, 125 Hz
Crossover slope –18 dB/oct.
Tone controls
(Bass)..... ±12 dB (80 Hz)
(Middle) ±12 dB (400 Hz)
(Treble) ±12 dB (10 kHz)
Loudness contour
..... +10 dB (100 Hz), +7 dB (10 kHz)
(volume: –30 dB)

FM tuner

Frequency range 87.9 – 107.9 MHz
Usable sensitivity
..... 10 dBf (0.9 μV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity 15 dBf (1.5 μV/75 Ω, mono)
Signal-to-noise ratio 70 dB (IHF-A network)
Distortion 0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response 30 – 15,000 Hz (±3 dB)
Stereo separation 40 dB (at 65 dBf, 1 kHz)
Selectivity 70 dB (2ACA)
Three-signal intermodulation
(desired signal level) 30 dBf
(two undesired signal level: 100 dBf)

AM tuner

Frequency range 530 – 1,710 kHz
Usable sensitivity 18 μV (S/N: 20 dB)
Selectivity 50 dB (±10 kHz)

Video

Composit input level 1 V/75 Ω (±0.2 V)
Composit output level 1 V/75 Ω (±0.2 V)
NTSC compatible through outputs from VIDEO A/VIDEO B.

Note:

- Specifications and the design are subject to possible modification without notice due to improvements.

● AVM-P7000R/EW

General

Power source	14.4 V DC (10.8 – 15.1 V allowable)
Grounding system	Negative type
Max. current consumption	10 A
Dimensions	307 (W) × 41 (H) × 187 (D) mm
Weight	1.8 kg

Amplifier

Maximum power output	45 W × 4
Continuous power output	27 W × 4 (DIN45324, +B = 14.4 V)
Load impedance	4 Ω (4 – 8 Ω allowable)
Preout maximum output level/output impedance	2.2 V/1 kΩ
Subwoofer output	
Crossover frequency	50 Hz, 80 Hz, 125 Hz
Crossover slope	–18 dB/oct.
Tone controls	
(Bass)	±12 dB (80 Hz)
(Middle)	±12 dB (400 Hz)
(Treble)	±12 dB (10 kHz)
Loudness contour	
.....	+10 dB (100 Hz), +7 dB (10 kHz) (volume: –30 dB)

FM tuner

Frequency range	87.5 – 108 MHz
Usable sensitivity	11 dBf (1.0 μV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity	16 dBf (1.7 μV/75 Ω, mono)
Signal-to-noise ratio	70 dB (IEC-A network)
Distortion	0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response	30 – 15,000 Hz (±3 dB)
Stereo separation	40 dB (at 65 dBf, 1 kHz)

MW tuner

Frequency range	531 – 1,602 kHz
Usable sensitivity	18 μV (S/N: 20 dB)
Selectivity	50 dB (±9 kHz)

LW tuner

Frequency range	153 – 281 kHz
Usable sensitivity	30 μV (S/N: 20 dB)
Selectivity	50 dB (±9 kHz)

Video

Composit input level	1 V/75 Ω (±0.2 V)
Composit output level	1 V/75 Ω (±0.2 V)
PAL/SECAM/NTSC/ compatible through outputs from VIDEO A/VIDEO B.	

Note:

- Specifications and the design are subject to possible modification without notice due to improvements.

Power source	14.4 V DC (10.8 – 15.1 V allowable)
Grounding system	Negative type
Max. current consumption	10 A
Dimensions	307 (W) × 41 (H) × 187 (D) mm
Weight	1.8 kg

Continuous power output is 22 W per channel min. into 4 ohms, both channels driven 50 to 15,000 Hz with no more than 5% THD.

Maximum power output	45 W × 4
Load impedance	4 Ω (4 – 8 Ω allowable)
Preout maximum output level/output impedance	2.2 V/1 kΩ
Subwoofer output	
Crossover frequency	50 Hz, 80 Hz, 125 Hz
Crossover slope	–18 dB/oct.
Tone controls	
(Bass)	±12 dB (80 Hz)
(Middle)	±12 dB (400 Hz)
(Treble)	±12 dB (10 kHz)
Loudness contour	
.....	+10 dB (100 Hz), +7 dB (10 kHz)
	(volume: –30 dB)

Frequency range	87.5 – 108 MHz
Usable sensitivity	10 dBf (0.9 μ V/75 Ω , mono, S/N: 30 dB)
50 dB quieting sensitivity	15 dBf (1.5 μ V/75 Ω , mono)
Signal-to-noise ratio	70 dB (IEC-A network)
Distortion	0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response	30 – 15,000 Hz (\pm 3 dB)
Stereo separation	40 dB (at 65 dBf, 1 kHz)

Frequency range	531 – 1,602 kHz (9 kHz)
	530 – 1,710 kHz (10 kHz)
Usable sensitivity	18 μ V (S/N: 20 dB)
Selectivity	50 dB (\pm 9 kHz)
	50 dB (\pm 10 kHz)

Composit input level 1 V/75 Ω (± 0.2 V)
Composit output level 1 V/75 Ω (± 0.2 V)
PAL/SECAM/NTSC compatible through outputs from
VIDEO A/VIDEO B.

- Specifications and the design are subject to possible modification without notice due to improvements.