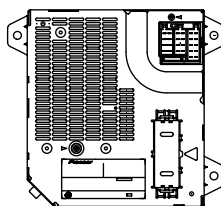


Service Manual

Pioneer

RENAULT

SCU-2456ZRN/X1B/EW



**ORDER NO.
CRT2457**

SYSTEM CONTROL UNIT

SCU-2456ZRN X1B/€W

SCU-2556ZRN X1B/€W

VEHICLE	DESTINATION	PRODUCED AFTER	PART No.	ID No.	PIONEER MODEL No.
ESPACE and AVANTIME	EUROPE	March 2000	6025 40 3834	—	SCU-2456ZRN/X1B/EW
ESPACE and AVANTIME	EUROPE	March 2000	6025 40 2759	—	SCU-2556ZRN/X1B/EW

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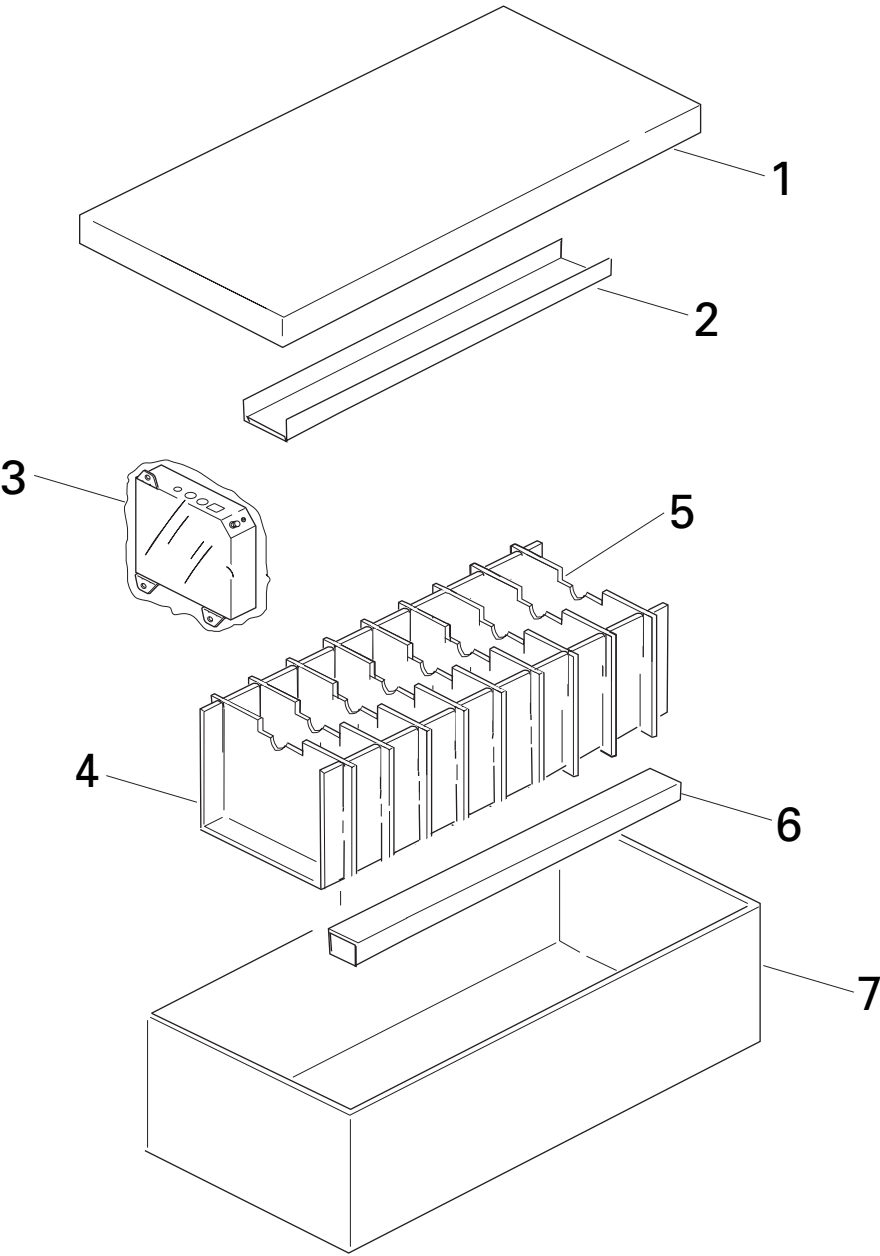
PIONEER CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS SERVICE INC. P.O.Box 1760, Long Beach, CA 90801-1760 U.S.A.
PIONEER EUROPE N.V. Haven 1087 Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE.LTD. 253 Alexandra Road, #04-01, Singapore 159936

1. SAFETY INFORMATION

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.

2. EXPLODED VIEWS AND PARTS LIST

2.1 PACKING



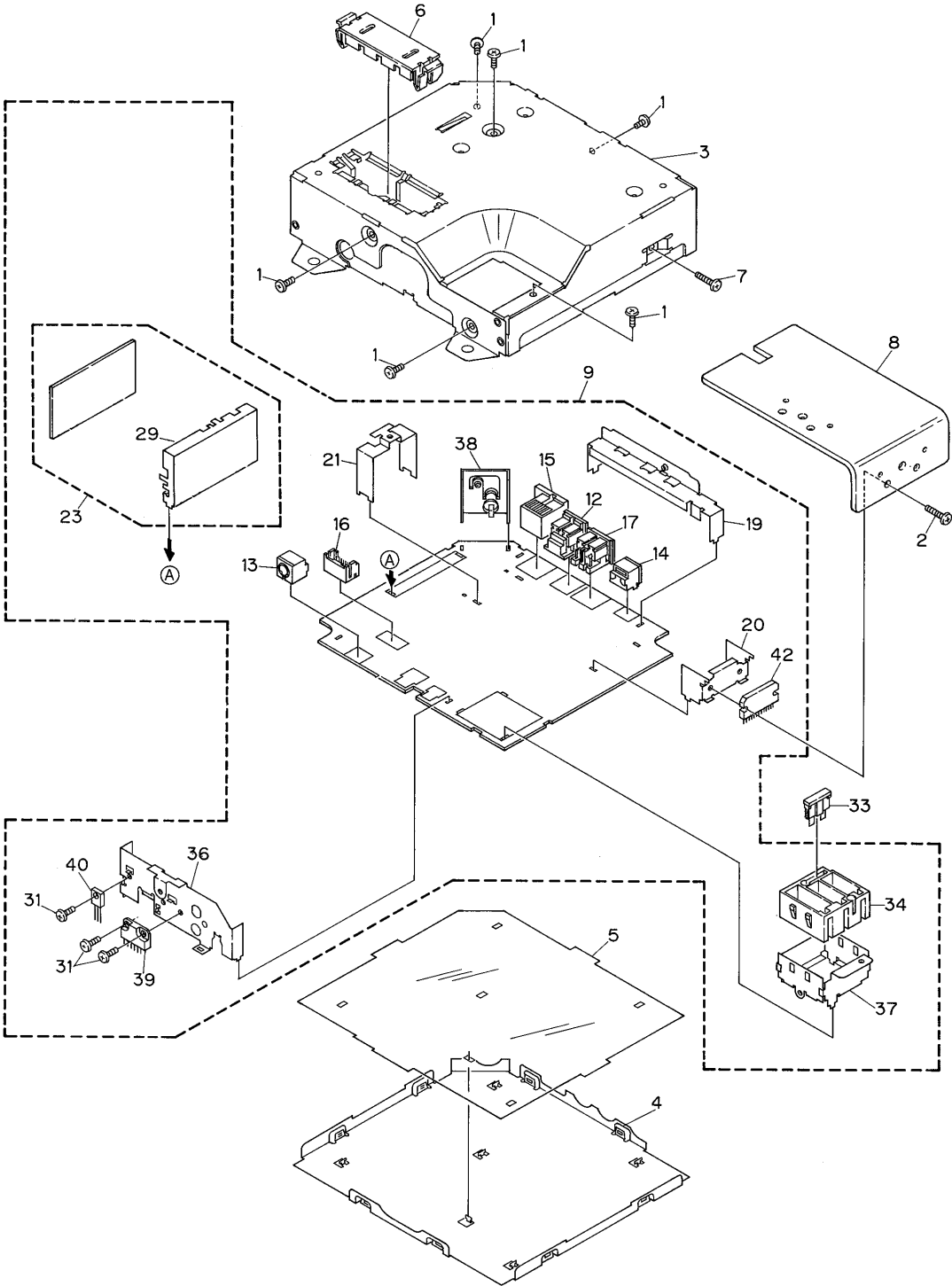
NOTE:

- 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.
1	Cover	UHD-026
2	Protector	UHP-020
3	Polyethylene Bag	UEG-012
4	Protector	UHP-018
5	Protector	UHP-019
6	Protector	UHP2266
7	Contain Box(2456ZRN)	UHL3974
	Contain Box(2556ZRN)	UHL3975

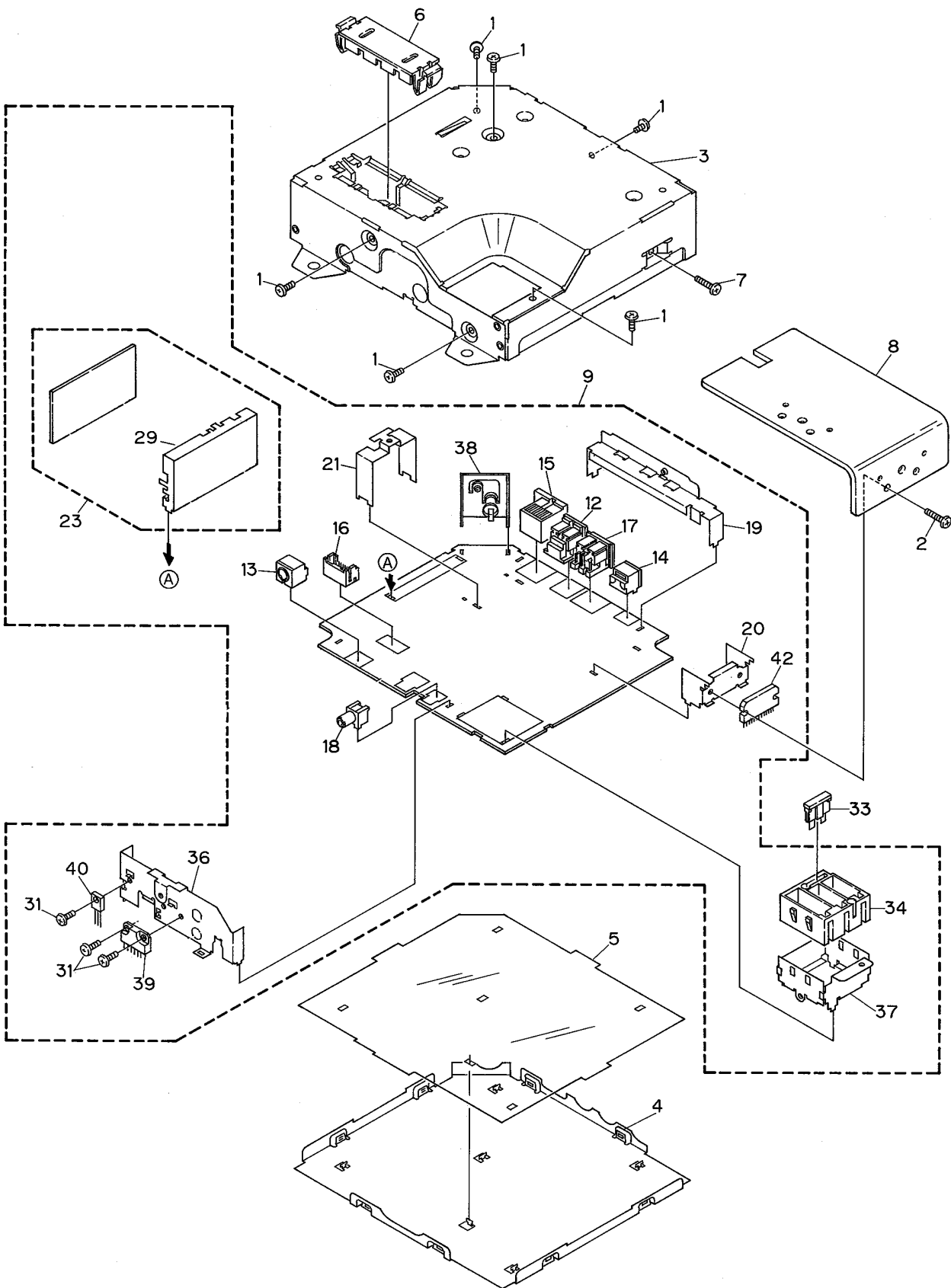
2.2 EXTERIOR(SCU-2456ZRN)



● EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.
1	Screw	BMZ30P060FMC
2	Screw	BMZ30P140FMC
3	Chassis	CNA2288
4	Case	CNB1780
5	Insulator	CNM3864
6	Cover	CNS4018
7	Screw	BMZ30P140FMC
8	Heat Sink	CNC7755
9	Tuner Amp Unit	UWM6914
10,11	.....	
12	Connector(CN652)	CKS3180
13	Connector(CN852)	CKS3181
14	Connector(CN701)	CKS3182
15	DIN Socket(CN651)	CKS3185
16	Connector(CN851)	CKS3186
17	DIN Socket(CN653)	CKS3189
18	.....	
19	Holder	CNC5105
20	Holder	CNC5107
21	Holder	CNC5433
22	.....	
23	FM/AM Tuner Unit	CWE1416
24-28	.....	
29	Holder	CNC6555
30	.....	
31	Screw	BMZ30P060FMC
32	.....	
33	Fuse(10A)	CEK1136
34	Connector(CN551)	CKM1258
35	.....	
36	Holder	CNC5106
37	Holder	CNC5435
38	Holder Unit(CN501)	CXA6151
39	IC(IC901)	PA2024A
40	Transistor(Q906)	2SA1358
41	.....	
42	IC(IC551)	TDA7385

2.3 EXTERIOR(SCU-2556ZRN)

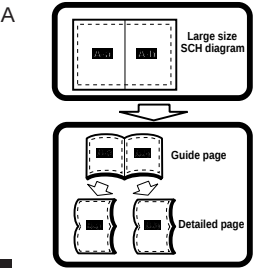


● EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.
1	Screw	BMZ30P060FMC
2	Screw	BMZ30P140FMC
3	Chassis	CNA2289
4	Case	CNB1780
5	Insulator	CNM3864
6	Cover	CNS4018
7	Screw	BMZ30P140FMC
8	Heat Sink	CNC7755
9	Tuner Amp Unit	UWM6917
10,11	.....	
12	Connector(CN652)	CKS3180
13	Connector(CN852)	CKS3181
14	Connector(CN701)	CKS3182
15	DIN Socket(CN651)	CKS3185
16	Connector(CN851)	CKS3186
17	DIN Socket(CN653)	CKS3189
18	Pin Jack(CN401)	CKS3200
19	Holder	CNC5105
20	Holder	CNC5107
21	Holder	CNC5433
22	.....	
23	FM/AM Tuner Unit	CWE1416
24-28	.....	
29	Holder	CNC6555
30	.....	
31	Screw	BMZ30P060FMC
32	.....	
33	Fuse(10A)	CEK1136
34	Connector(CN551)	CKM1258
35	.....	
36	Holder	CNC5106
37	Holder	CNC5435
38	Holder Unit(CN501)	CXA6151
39	IC(IC901)	PA2024A
40	Transistor(Q906)	2SA1358
41	.....	
42	IC(IC551)	PAL003A

3.2 OVERALL CONNECTION DIAGRAM(GUIDE PAGE)

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

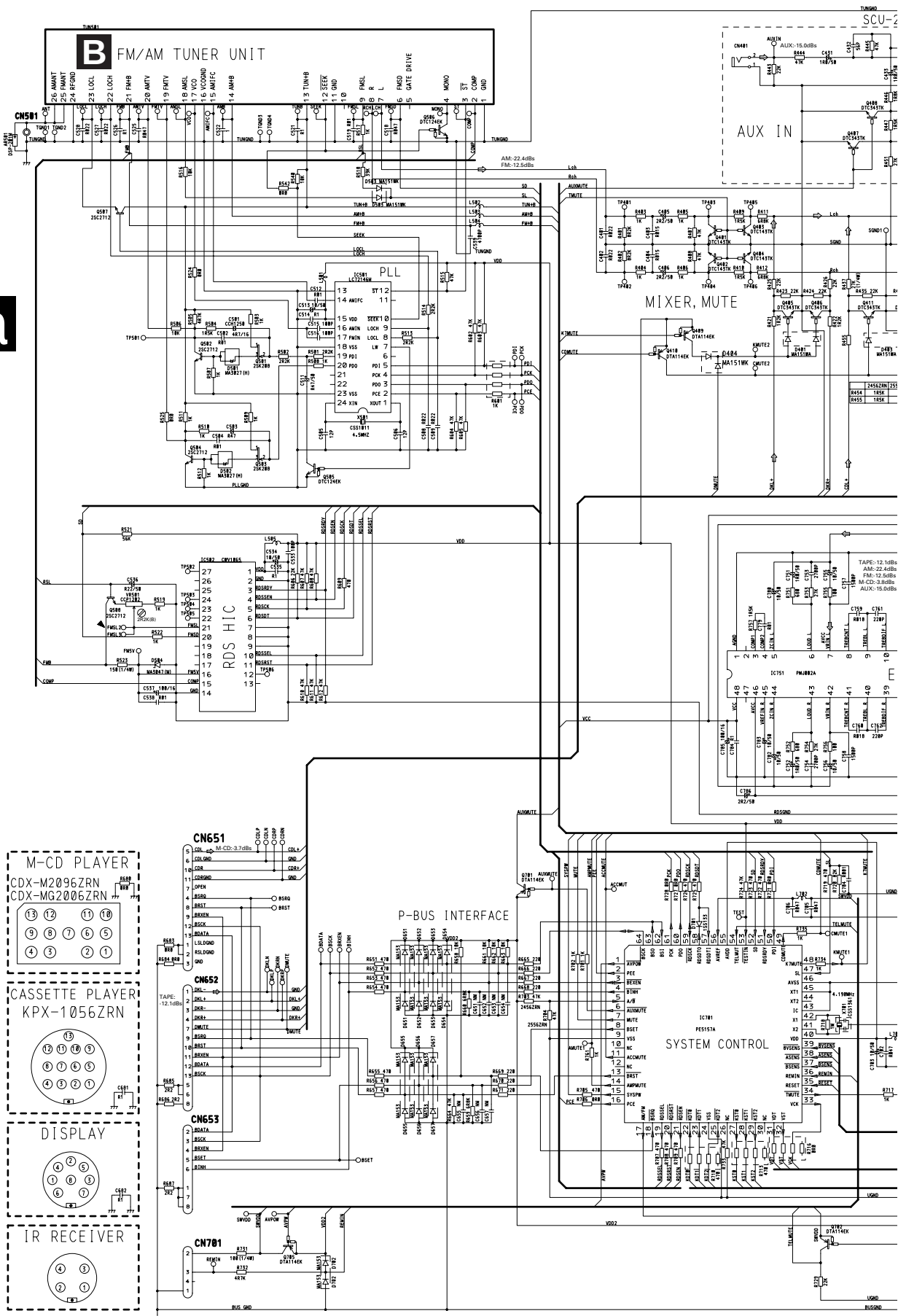


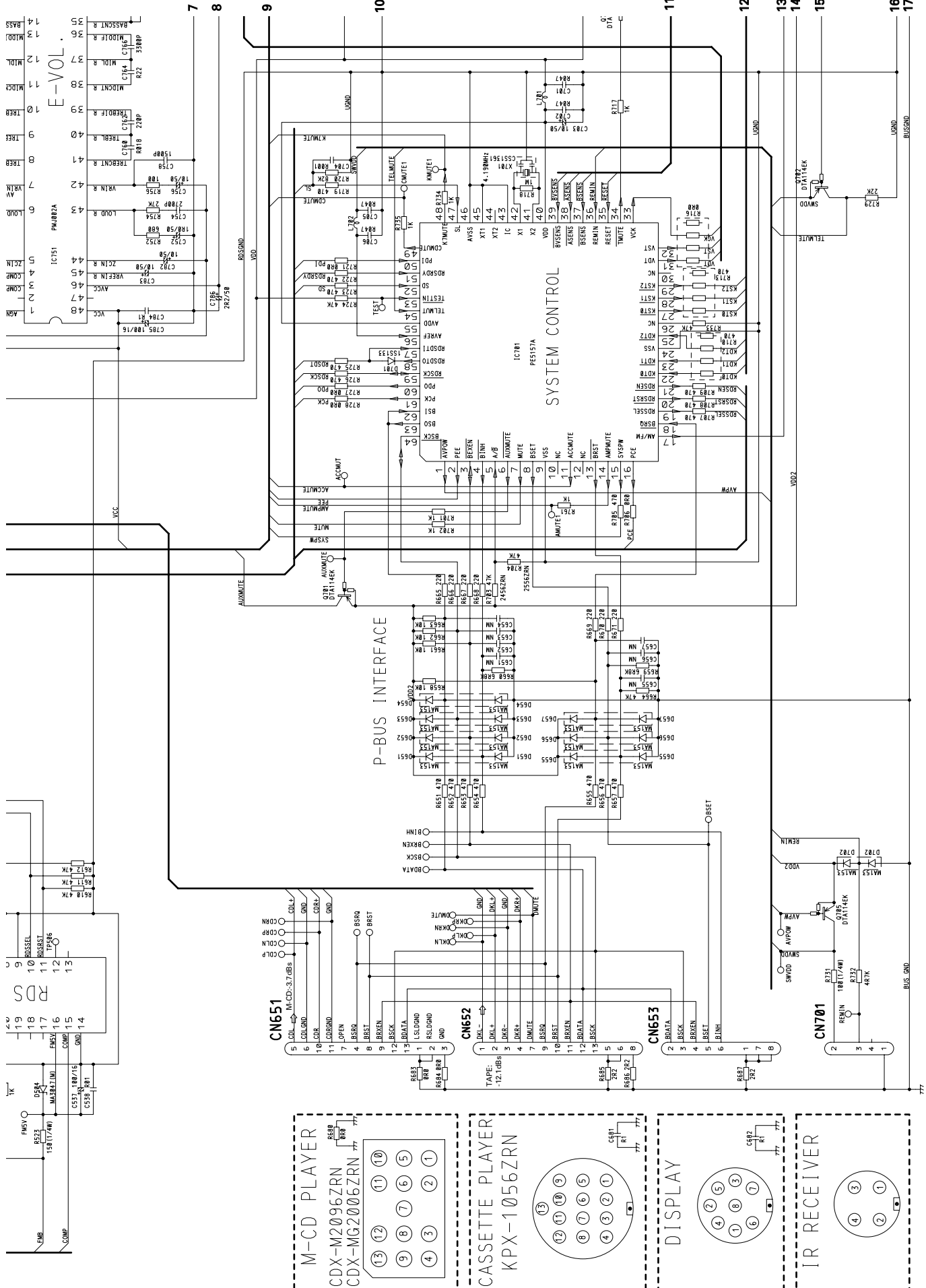
A-a

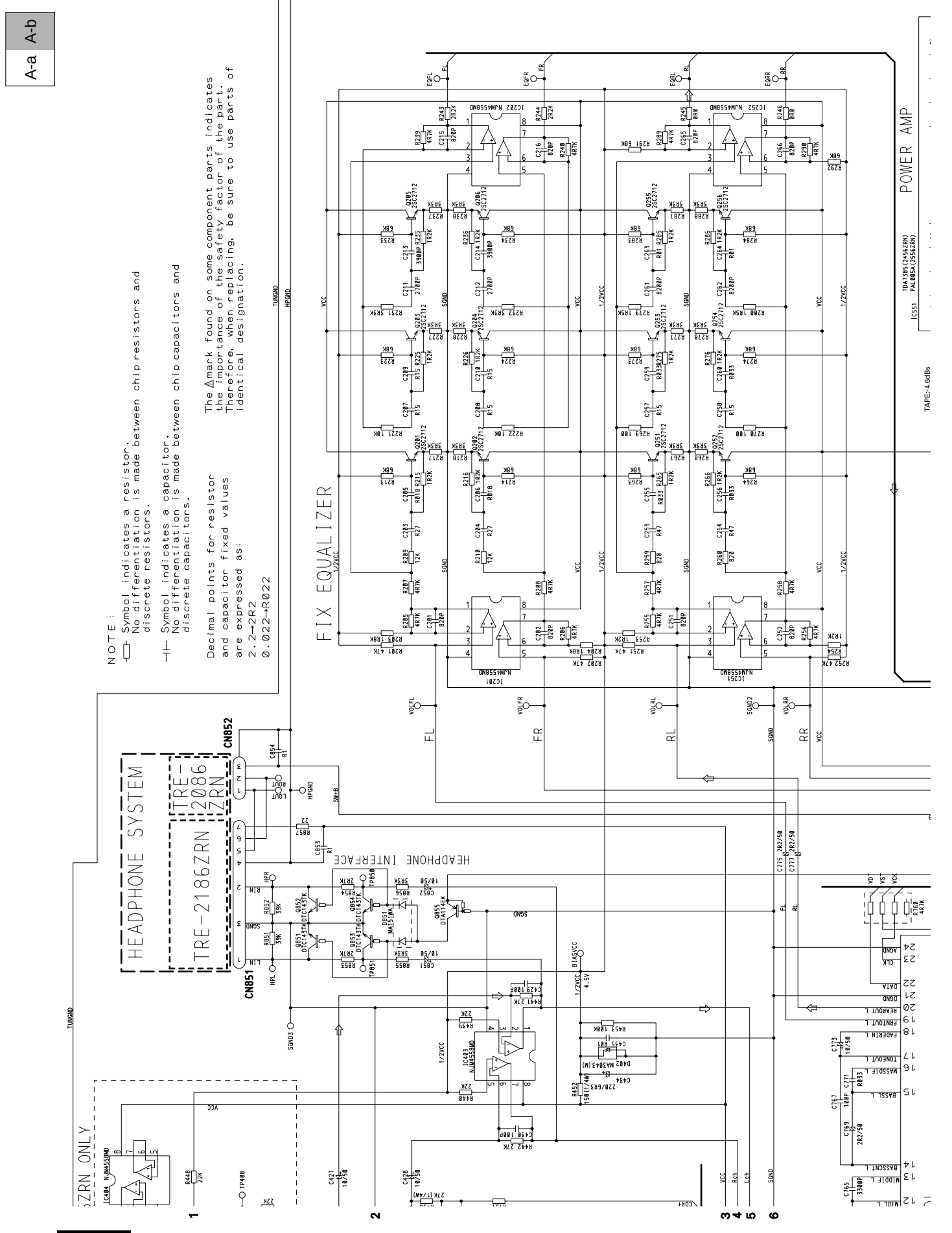
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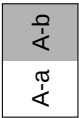
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D





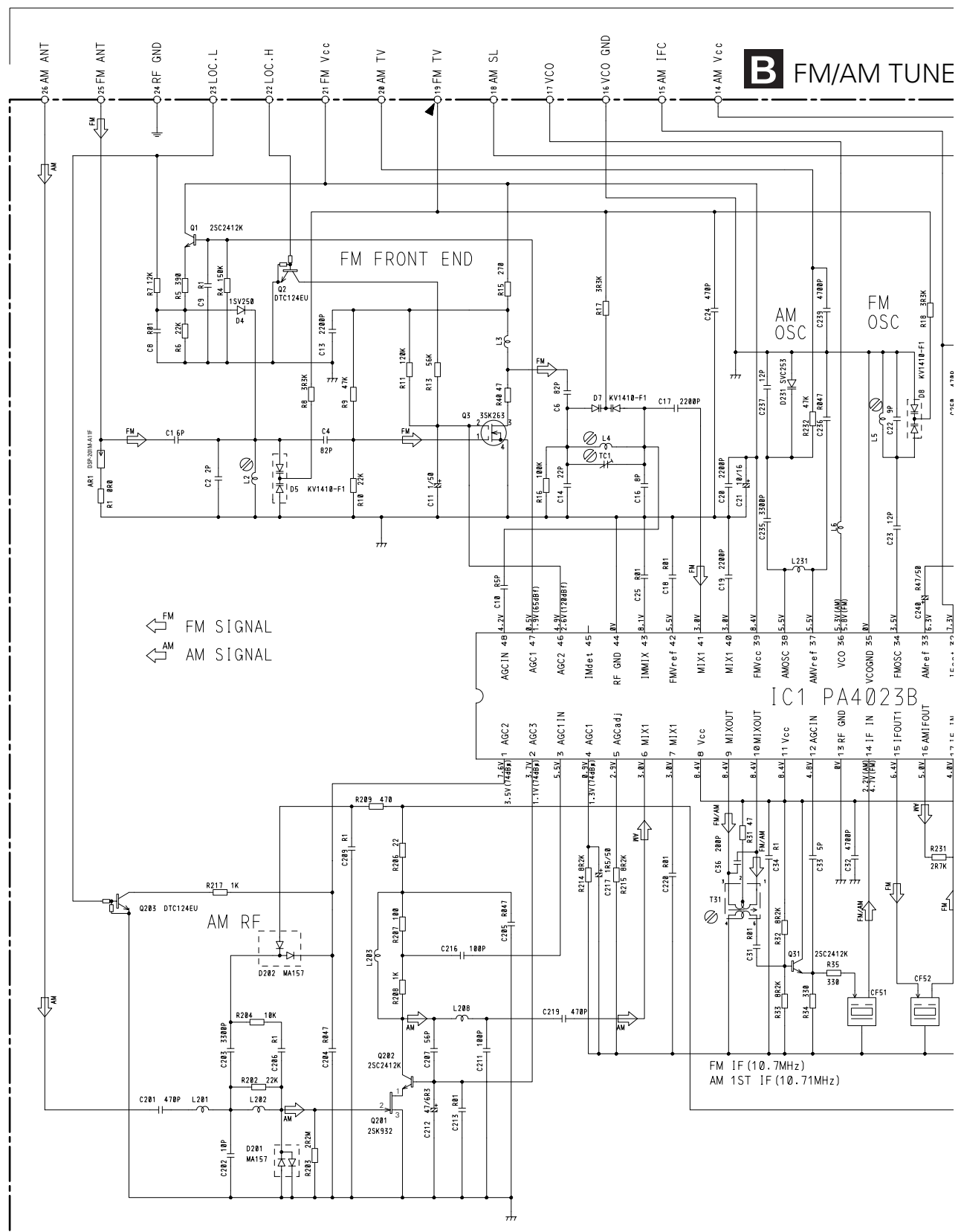


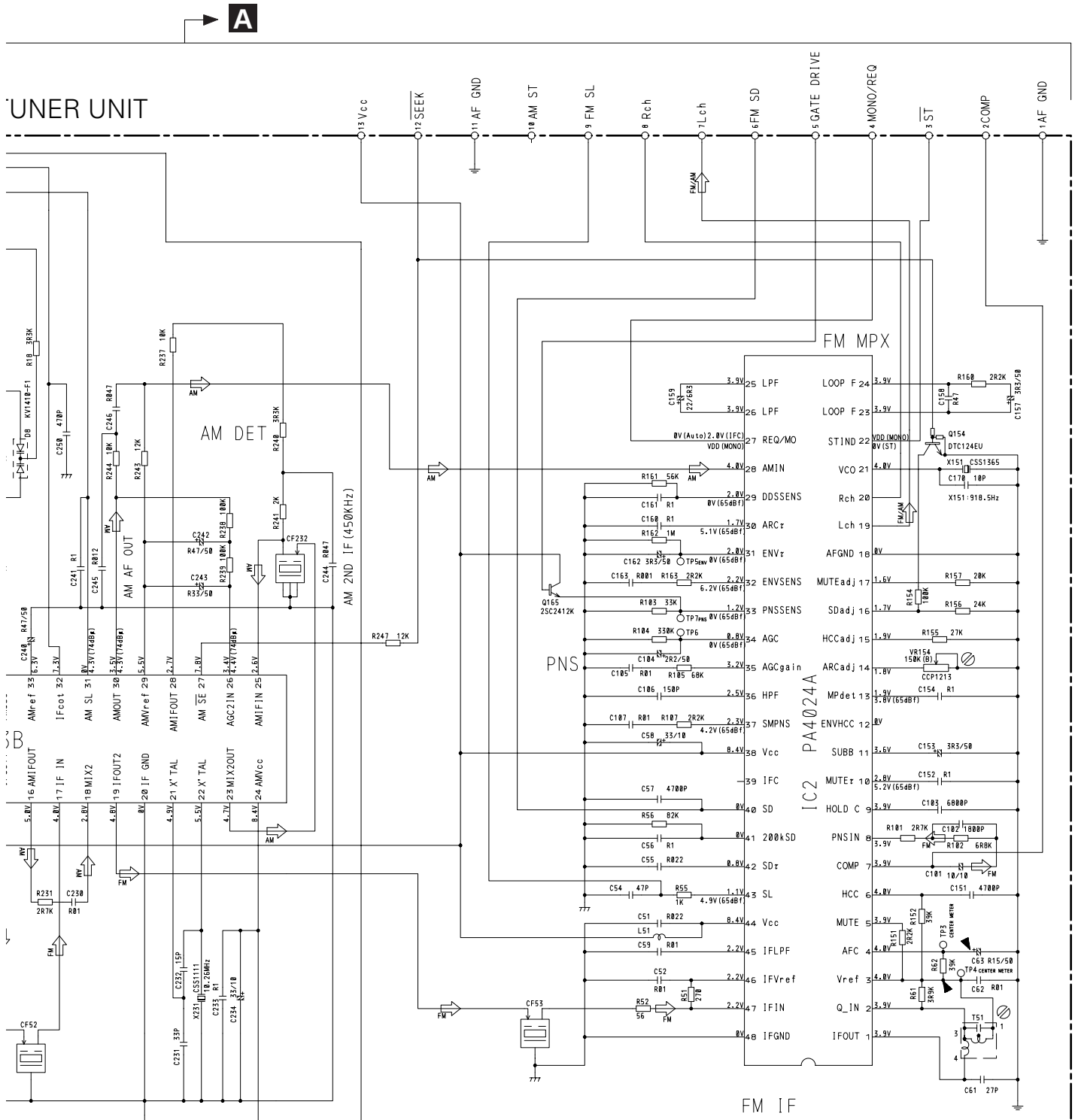


A TUNER AMP UNIT

A-b

3.3 FM/AM TUNER UNIT



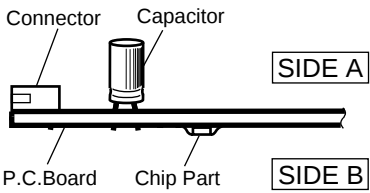


4. PCB CONNECTION DIAGRAM

4.1 TUNER AMP UNIT

A NOTE FOR PCB DIAGRAMS

1. The parts mounted on this PCB include all necessary parts for several destination.
- For further information for respective destinations, be sure to check with the schematic diagram.
2. Viewpoint of PCB diagrams



A TUNER AMP UNIT

IC, Q ADJ

IC901
Q906

Q904 Q908

IC404

IC403

IC751

VR501

Q409

Q410 Q909

IC902
Q252 Q251 IC502
Q254 Q253
Q256 Q255

IC251 IC201

Q202 Q201
Q204 Q203

Q206 Q205

IC501
IC551

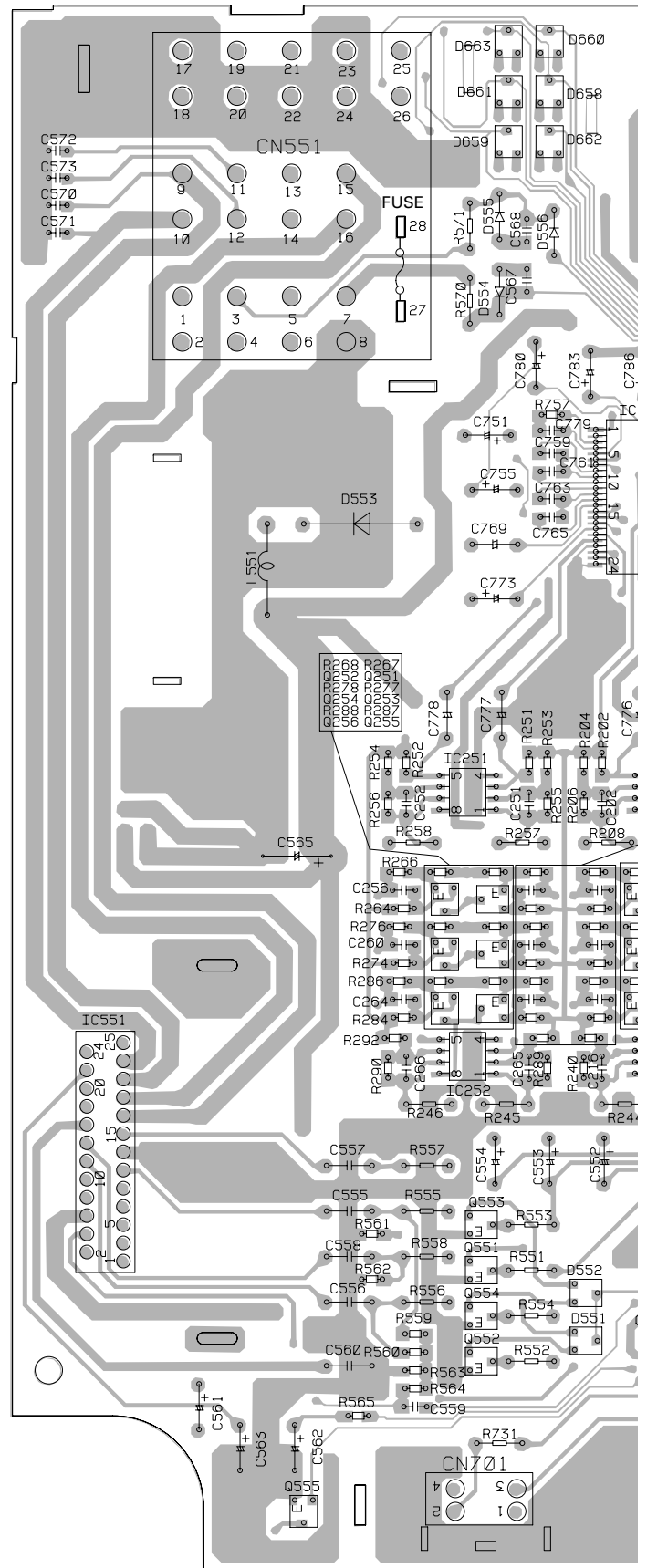
IC252 IC202
IC701

Q504
Q553

Q551 Q505
Q502
Q554

Q705
Q552

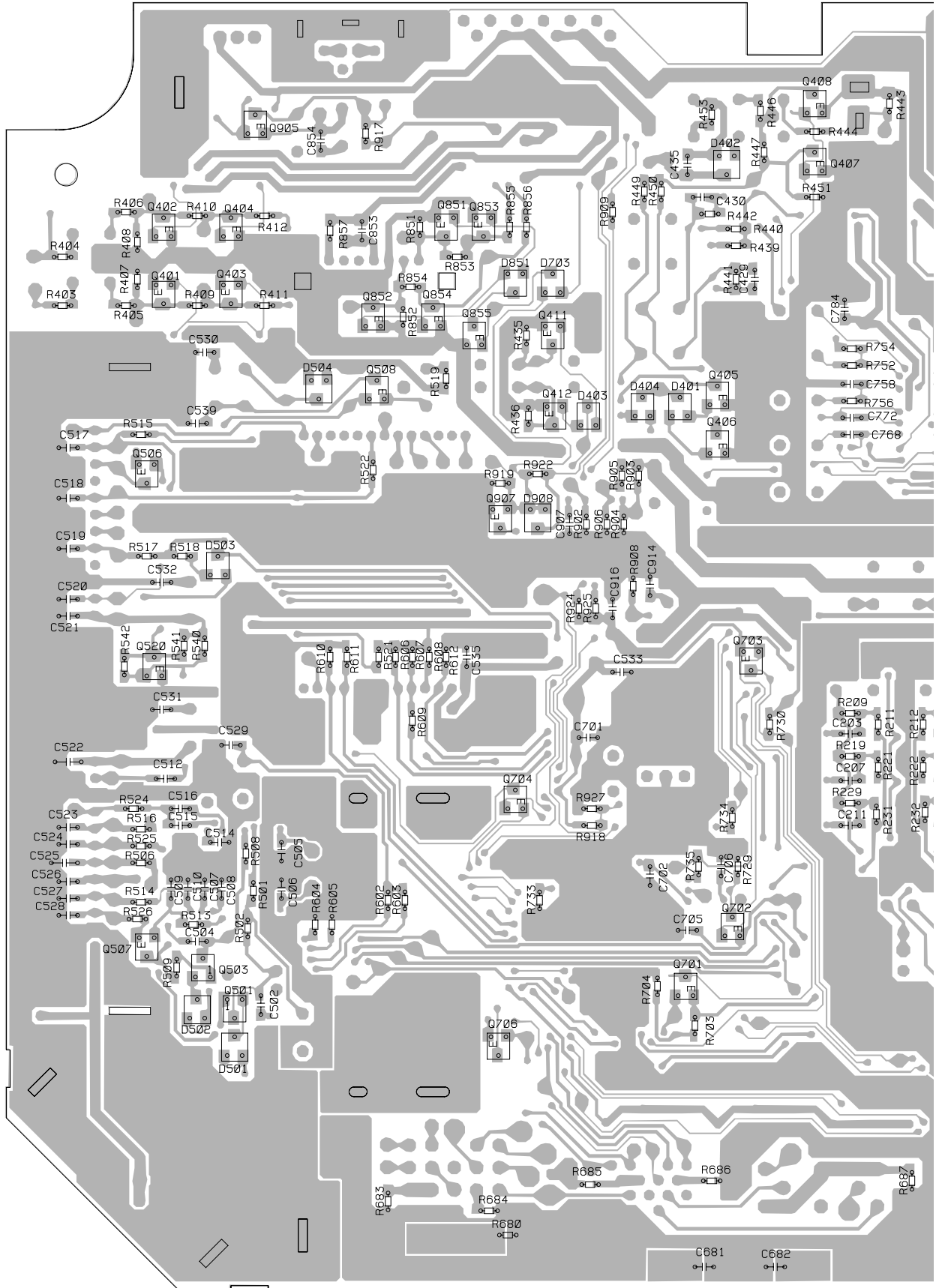
Q555



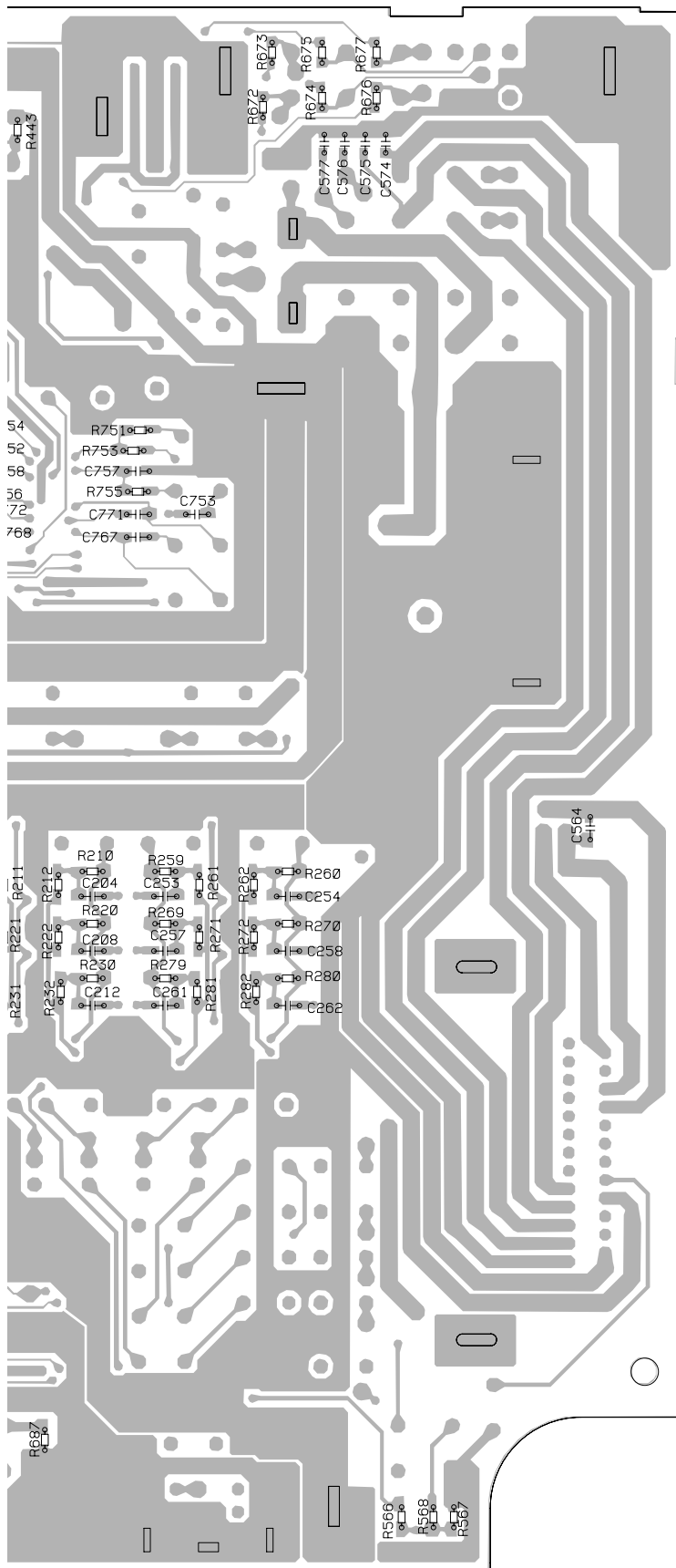
IR RECEIVER



A TUNER AMP UNIT



SIDE B



IC, Q

Q408

Q905

Q407

Q402	Q404
Q851	Q853

Q401 Q403
Q852 Q854
Q855
Q411

Q508

Q412

Q406

Q506

Q907

Q703
Q520

Q704

Q702

Q507	
Q503	Q701

Q501

Q706

A

B

C

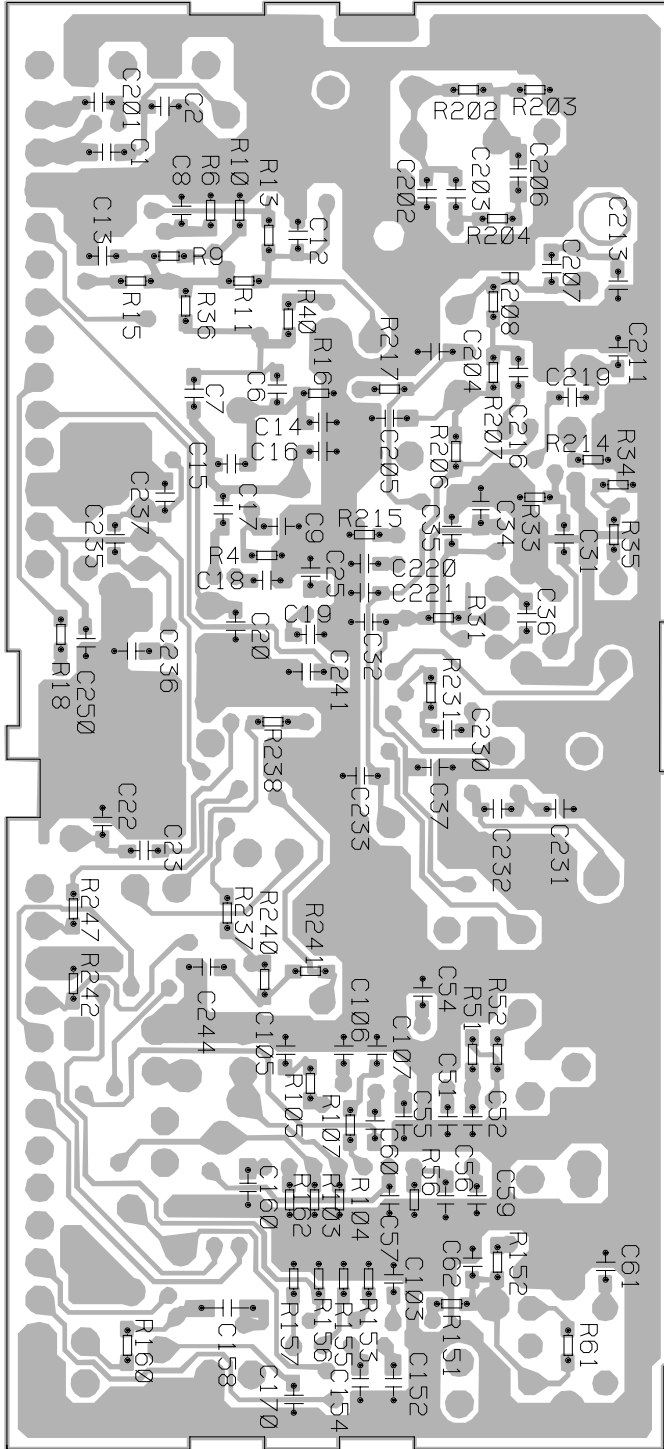
D

4

4

—	1	2	3	4	5	6	7	8	9	10	11	12	13	—	14	15	16	17	18	19	20	21	22	23	24	25	26
---	---	---	---	---	---	---	---	---	---	----	----	----	----	---	----	----	----	----	----	----	----	----	----	----	----	----	----

SIDE B



FM/WAM TUNER UNIT

5. ELECTRICAL PARTS LIST

NOTES:

- 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 and No.==Part Name			Part No.	====Circuit Symbol and No.==Part Name			Part No.
B Unit Number : CWE1416 Unit Name : FM/AM Tuner Unit							
MISCELLANEOUS							
IC	1	IC	PA4023B	R	15		RS1/16S271J
IC	2	IC	PA4024A	R	16		RS1/16S104J
Q	1	Transistor	2SC2412K	R	17		RS1/16S332J
Q	2	Transistor	DTC124EU	R	18		RS1/16S332J
Q	3	FET	3SK263	R	31		RS1/16S470J
Q	31	Transistor	2SC2412K	R	32		RS1/16S822J
Q	154	Transistor	DTC124EU	R	33		RS1/16S822J
Q	165	Transistor	2SC2412K	R	34		RS1/16S331J
Q	201	FET	2SK932	R	35		RS1/16S331J
Q	202	Transistor	2SC2412K	R	40		RS1/16S470J
Q	203	Transistor	DTC124EU	R	51		RS1/16S271J
D	4	Diode	1SV250	R	52		RS1/16S560J
D	5	Diode	KV1410-F1	R	55		RS1/16S102J
D	7	Diode	KV1410-F1	R	56		RS1/16S823J
D	8	Diode	KV1410-F1	R	61		RS1/16S392J
D	201	Diode	MA157	R	62		RS1/16S393J
D	202	Diode	MA157	R	101		RS1/16S272J
D	231	Diode	SVC253	R	102		RS1/16S682J
L	2	Coil	CTC1108	R	103		RS1/16S333J
L	3	Inductor	LCTB2R2K2125	R	104		RS1/16S334J
L	4	Coil	CTC1108	R	105		RS1/16S683J
L	5	Coil	CTC1107	R	107		RS1/16S222J
L	6	Inductor	LCTBR15K1608	R	151		RS1/16S222J
L	51	Ferri-Inductor	LAU150K	R	152		RS1/16S393J
L	201	Ferri-Inductor	LAU4R7K	R	154		RS1/16S104J
L	202	Ferri-Inductor	LAU330K	R	155		RS1/16S273J
L	203	Inductor	CTF1287	R	156		RS1/16S243J
L	208	Inductor	LAU121K	R	157		RS1/16S203J
L	231	Inductor	LCTA3R3J3225	R	160		RS1/16S222J
T	31	Coil	CTE1116	R	161		RS1/16S563J
T	51	Coil	CTC1136	R	162		RS1/16S105J
TC	1	Capacitor	CCL1046	R	163		RS1/16S222J
CF	51	Ceramic Filter	CTF1442	R	202		RS1/16S223J
CF	52	Ceramic Filter	CTF1442	R	203		RS1/16S225J
CF	53	Ceramic Filter	CTF1442	R	204		RS1/16S103J
CF	232	Ceramic Filter	CTF1348	R	206		RS1/16S220J
X	151	Radiator 918.5Hz	CSS1365	R	207		RS1/16S101J
X	231	Crystal Resonator 10.26MHz	CSS1111	R	208		RS1/16S102J
VR	154	Semi-fixed 150kΩ(B)	CCP1213	R	209		RS1/16S471J
AR	1		DSP-201M	R	214		RS1/16S822J
RESISTORS				R	215		RS1/16S822J
R	1		RS1/16S0R0J	R	217		RS1/16S102J
R	4		RS1/16S154J	R	231		RS1/16S272J
R	5		RS1/16S391J	R	232		RS1/16S473J
R	6		RS1/16S223J	R	237		RS1/16S103J
R	7		RS1/16S123J	R	238		RS1/16S104J
R	8		RS1/16S332J	R	239		RS1/16S104J
R	9		RS1/16S473J	R	240		RS1/16S332J
R	10		RS1/16S223J	R	241		RS1/16S202J
R	11		RS1/16S124J	R	243		RS1/16S123J
R	13		RS1/16S563J	R	244		RS1/16S103J
				R	247		RS1/16S123J

A Unit Number : UWM6914(SCU-2456ZRN)
Unit Name : Tuner Amp Unit

====Circuit Symbol and No.==Part Name			Part No.	====Circuit Symbol and No.==Part Name			Part No.
Q	507	Transistor	2SC2712	RESISTORS			
Q	508	Transistor	2SC2712				
Q	551	Transistor	DTC343TK	R	201		RS1/10S473J
Q	552	Transistor	DTC343TK	R	202		RS1/10S473J
Q	553	Transistor	DTC343TK	R	203		RS1/10S182J
				R	204		RS1/10S182J
				R	205		RS1/10S472J
Q	554	Transistor	DTC343TK				
Q	555	Transistor	DTC124EK				
Q	701	Transistor	DTA114EK	R	206		RS1/10S472J
Q	702	Transistor	DTA114EK	R	207		RD1/4PU472J
Q	703	Transistor	DTA114EK	R	208		RD1/4PU472J
				R	209		RS1/10S123J
				R	210		RS1/10S123J
Q	704	Transistor	DTA114EK				
Q	705	Transistor	DTA114EK				
Q	706	Transistor	DTA114EK	R	213		RS1/10S683J
Q	851	Transistor	DTC143TK	R	214		RS1/10S683J
Q	852	Transistor	DTC143TK	R	215		RS1/10S122J
				R	216		RS1/10S122J
				R	217		RS1/10S332J
Q	853	Transistor	DTC143TK				
Q	854	Transistor	DTC143TK				
Q	855	Transistor	DTA114EK	R	218		RS1/10S332J
Q	904	Transistor	2SC2712	R	221		RS1/10S103J
Q	905	Transistor	DTC114TK	R	222		RS1/10S103J
				R	223		RS1/10S683J
				R	224		RS1/10S683J
Q	906	Transistor	2SA1358				
Q	908	Transistor	2SC2712				
D	401	Chip Diode	MA151WA	R	225		RS1/10S122J
D	402	Diode	MA3043(M)	R	226		RS1/10S122J
D	403	Chip Diode	MA151WA	R	227		RS1/10S332J
				R	228		RS1/10S332J
				R	231		RS1/10S332J
D	404	Chip Diode	MA151WK				
D	501	Diode	MA3027(H)				
D	502	Diode	MA3027(H)	R	232		RS1/10S332J
D	503	Chip Diode	MA151WK	R	233		RS1/10S683J
D	504	Diode	MA3047(M)	R	234		RS1/10S683J
				R	235		RS1/10S122J
				R	236		RS1/10S122J
D	551	Chip Diode	MA151WA				
D	552	Chip Diode	MA151WA				
D	553	Diode	ERC05-10B	R	237		RS1/10S332J
D	554	Diode	ERA15-02VH	R	238		RS1/10S332J
D	555	Diode	ERA15-02VH	R	239		RS1/10S472J
				R	240		RS1/10S472J
				R	243		RD1/4PU222J
D	556	Diode	ERA15-02VH				
D	651	Diode	MA153				
D	652	Diode	MA153	R	244		RD1/4PU222J
D	653	Diode	MA153	R	245		RD1/4PU0R0J
D	654	Diode	MA153	R	246		RD1/4PU0R0J
				R	251		RS1/10S473J
				R	252		RS1/10S473J
D	655	Diode	MA153				
D	656	Diode	MA153				
D	657	Diode	MA153	R	253		RS1/10S122J
D	658	Diode	MA153	R	254		RS1/10S122J
D	659	Diode	MA153	R	255		RS1/10S472J
				R	256		RS1/10S472J
				R	257		RD1/4PU472J
D	660	Diode	MA153				
D	661	Diode	MA153				
D	662	Diode	MA153	R	258		RD1/4PU472J
D	663	Diode	MA153	R	259		RS1/10S821J
D	701	Diode	1SS133	R	260		RS1/10S821J
				R	263		RS1/10S683J
				R	264		RS1/10S683J
D	702	Diode	MA153				
D	703	Chip Diode	MA151WK				
D	704	Chip Diode	MA151WK	R	265		RS1/10S122J
D	705	Chip Diode	MA151WK	R	266		RS1/10S122J
D	851	Chip Diode	MA151WA	R	267		RS1/10S332J
				R	268		RS1/10S332J
				R	269		RS1/10S101J
D	901	Diode	ERA15-02VH				
D	907	Diode	1SS133				
L	501	Inductor	LAU100K	R	270		RS1/10S101J
L	502	Ferri-Inductor	LAU4R7K	R	273		RS1/10S683J
L	503	Ferri-Inductor	LAU4R7K	R	274		RS1/10S683J
				R	275		RS1/10S122J
				R	276		RS1/10S122J
L	504	Ferri-Inductor	LAU4R7K				
L	505	Ferri-Inductor	LAU2R2K				
L	551	Choke Coil 0.3mH	CTH1075	R	277		RS1/10S332J
L	701	Ferri-Inductor	LAU2R2K	R	278		RS1/10S332J
L	702	Ferri-Inductor	LAU2R2K	R	279		RS1/10S152J
				R	280		RS1/10S152J
				R	283		RS1/10S683J
X	501	Crystal Resonator 4.5MHz	CSS1011				
X	701	Ceramic Resonator 4.190MHz	CSS1361				
VR	501	Semi-fixed 2.2kΩ(B)	CCP1202				
AR	501	Fuse 10A	DSP-201M				
			CEK1136				

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
R 284	RS1/10S683J	R 556	RD1/4PU562J
R 285	RS1/10S122J	R 557	RD1/4PU0R0J
R 286	RS1/10S122J	R 558	RD1/4PU0R0J
R 287	RS1/10S332J	R 559	RS1/10S104J
R 288	RS1/10S332J	R 560	RS1/10S104J
R 289	RS1/10S472J	R 563	RS1/10S391J
R 290	RS1/10S472J	R 564	RS1/10S273J
R 291	RS1/10S683J	R 565	RS1/10S103J
R 292	RS1/10S683J	R 566	RS1/10S103J
R 401	RS1/10S822J	R 567	RS1/10S103J
R 402	RS1/10S822J	R 568	RS1/10S331J
R 403	RS1/10S102J	R 569	RA4C223J
R 404	RS1/10S102J	R 570	RD1/4PU102J
R 405	RS1/10S102J	R 571	RD1/4PU103J
R 406	RS1/10S102J	R 601	RA4C102J
R 407	RS1/10S473J	R 602	RS1/10S473J
R 408	RS1/10S473J	R 603	RS1/10S473J
R 409	RS1/10S152J	R 604	RS1/10S473J
R 410	RS1/10S152J	R 605	RS1/10S473J
R 411	RS1/10S682J	R 606	RS1/10S223J
R 412	RS1/10S682J	R 607	RS1/10S473J
R 421	RS1/10S122J	R 608	RS1/10S473J
R 422	RS1/10S122J	R 609	RS1/10S471J
R 423	RS1/10S223J	R 610	RS1/10S473J
R 424	RS1/10S223J	R 611	RS1/10S473J
R 425	RS1/10S223J	R 612	RS1/10S473J
R 426	RS1/10S223J	R 651	RS1/10S471J
R 435	RS1/10S223J	R 652	RS1/10S471J
R 436	RS1/10S223J	R 653	RS1/10S471J
R 437	RD1/4PU273J	R 654	RS1/10S471J
R 438	RD1/4PU273J	R 655	RS1/10S471J
R 439	RS1/10S223J	R 656	RS1/10S471J
R 440	RS1/10S223J	R 657	RS1/10S471J
R 441	RS1/10S273J	R 658	RS1/10S103J
R 442	RS1/10S273J	R 659	RS1/10S682J
R 452	RD1/4PU151J	R 660	RS1/10S682J
R 453	RS1/10S104J	R 661	RS1/10S103J
R 454	RD1/4PU152J	R 662	RS1/10S103J
R 455	RD1/4PU152J	R 663	RS1/10S103J
R 501	RS1/10S222J	R 664	RS1/10S473J
R 502	RS1/10S222J	R 665	RS1/10S221J
R 503	RS1/10S102J	R 666	RS1/10S221J
R 504	RS1/10S152J	R 667	RS1/10S221J
R 505	RS1/10S472J	R 668	RS1/10S221J
R 506	RS1/10S103J	R 669	RS1/10S221J
R 507	RS1/10S102J	R 670	RS1/10S221J
R 508	RS1/10S102J	R 671	RS1/10S221J
R 509	RS1/10S102J	R 672	RS1/10S471J
R 510	RS1/10S102J	R 673	RS1/10S471J
R 511	RS1/10S102J	R 674	RS1/10S471J
R 512	RS1/10S102J	R 675	RS1/10S471J
R 513	RS1/10S222J	R 676	RS1/10S471J
R 514	RS1/10S222J	R 677	RS1/10S471J
R 515	RS1/10S473J	R 678	RA4C473J
R 516	RS1/10S103J	R 680	RS1/10S0R0J
R 517	RS1/10S102J	R 683	RS1/10S0R0J
R 518	RS1/10S393J	R 684	RS1/10S0R0J
R 519	RS1/10S102J	R 685	RS1/10S2R2J
R 521	RS1/10S563J	R 686	RS1/10S2R2J
R 522	RS1/10S102J	R 687	RS1/10S2R2J
R 523	RD1/4PU151J	R 701	RS1/10S102J
R 524	RS1/10S0R0J	R 702	RS1/10S102J
R 525	RS1/10S0R0J	R 703	RS1/10S473J
R 540	RS1/10S103J	R 705	RS1/10S471J
R 542	RS1/10S0R0J	R 706	RS1/10S0R0J
R 551	RD1/4PU222J	R 707	RS1/10S471J
R 552	RD1/4PU222J	R 708	RS1/10S471J
R 553	RD1/4PU222J	R 709	RS1/10S471J
R 554	RD1/4PU222J	R 710	RA4C471J
R 555	RD1/4PU562J	R 713	RA4C471J

====Circuit Symbol and No.===Part Name	Part No.	====Circuit Symbol and No.===Part Name	Part No.
R 716	RA4C0R0J	C 206	CKSQYB183K50
R 717	RS1/10S102J	C 207	CKSQYB154K16
R 718	RS1/10S105J	C 208	CKSQYB154K16
R 719	RS1/10S471J	C 209	CKSQYB154K16
R 720	RS1/10S823J	C 210	CKSQYB154K16
R 721	RS1/10S0R0J	C 211	CKSQYB272K50
R 722	RS1/10S471J	C 212	CKSQYB272K50
R 723	RS1/10S471J	C 213	CKSQYB392K50
R 724	RS1/10S473J	C 214	CKSQYB392K50
R 725	RS1/10S471J	C 215	CKSQYB821K50
R 726	RS1/10S471J	C 216	CKSQYB821K50
R 727	RS1/10S0R0J	C 251	CKSQYB821K50
R 728	RS1/10S0R0J	C 252	CKSQYB821K50
R 729	RS1/10S223J	C 253	CKSQYB474K16
R 730	RS1/10S473J	C 254	CKSQYB474K16
R 731	RD1/4PU101J	C 255	CKSQYB333K50
R 732	RS1/10S472J	C 256	CKSQYB333K50
R 733	RS1/10S473J	C 257	CKSQYB154K16
R 734	RS1/10S102J	C 258	CKSQYB154K16
R 735	RS1/10S102J	C 259	CKSQYB333K50
R 751	RS1/10S681J	C 260	CKSQYB333K50
R 752	RS1/10S681J	C 261	CKSQYB822K50
R 753	RS1/10S273J	C 262	CKSQYB822K50
R 754	RS1/10S273J	C 263	CKSQYB103K50
R 755	RS1/10S101J	C 264	CKSQYB103K50
R 756	RS1/10S101J	C 265	CKSQYB821K50
R 757	RS1/10S152J	C 266	CKSQYB821K50
R 758	RS1/10S123J	C 401	CKSQYB223K50
R 759	RS1/10S153J	C 402	CKSQYB223K50
R 760	RA4C472J	C 403	CKSQYB153K50
R 761	RS1/10S102J	C 404	CKSQYB153K50
R 851	RS1/10S393J	C 405	CEAT2R2M50
R 852	RS1/10S393J	C 406	CEAT2R2M50
R 853	RS1/10S272J	C 427	CEAT100M50
R 854	RS1/10S272J	C 428	CEAT100M50
R 855	RS1/10S332J	C 429	CCSQCH101J50
R 856	RS1/10S332J	C 430	CCSQCH101J50
R 857	RS1/10S220J	C 434	CEAT221M6R3
R 901	RS1/10S154J	C 435	CKSQYB103K50
R 902	RS1/10S623J	C 501	CCH1250
R 903	RS1/10S124J	C 502	CKSQYB103K50
R 904	RS1/10S513J	C 503	CFTNA474J50
R 905	RS1/10S154J	C 504	CKSQYB103K50
R 906	RS1/10S563J	C 505	CCSQCH120J50
R 907	RS1/10S124J	C 506	CCSQCH120J50
R 908	RS1/10S683J	C 508	CKSQYB223K50
R 909	RS1/10S102J	C 509	CKSQYB223K50
R 914	RS1/10S153J	C 511	CEATR47M50
R 915	RS1/10S152J	C 512	CKSQYB103K50
R 916	RS1/10S223J	C 513	CEAT100M50
R 917	RS1/10S472J	C 514	CKSQYB104K50
R 920	RS1/10S272J	C 515	CCSQCH101J50
R 921	RS1/10S122J	C 516	CCSQCH101J50
R 922	RS1/10S103J	C 518	CKSQYB473K50
R 923	RS1/10S473J	C 519	CKSQYB103K50
R 924	RS1/10S473J	C 521	CKSQYB104K50
R 925	RS1/10S473J	C 522	CKSYB105K16
R 927	RS1/10S473J	C 525	CKLSR473K16
		C 526	CKSQYB104K50
		C 527	CKSQYB223K50
CAPACITORS			
C 201	CKSQYB821K50	C 528	CKSQYB223K50
C 202	CKSQYB821K50	C 533	CCSQCH101J50
C 203	CKSQYB274K16	C 534	CEAT100M50
C 204	CKSQYB274K16	C 535	CKSQYB104K50
C 205	CKSQYB183K50	C 536	CEATR22M50

A Unit Number : UWM6917(SCU-2556ZRN)
Unit Name : Tuner Amp Unit

MISCELLANEOUS

IC	201	IC	NJM4558MD
IC	202	IC	NJM4558MD
IC	251	IC	NJM4558MD
IC	252	IC	NJM4558MD
IC	403	IC	NJM4558MD
IC	404	IC	NJM4558MD
IC	501	IC	LC72146M
IC	502	HIC Module	CWV1065
IC	551	IC	PAL005A
IC	701	IC	PE5157A
IC	751	IC	PMJ002A
IC	901	IC	PA2024A
IC	902	IC	PAJ001A
Q	201	Transistor	2SC2712
Q	202	Transistor	2SC2712
Q	203	Transistor	2SC2712
Q	204	Transistor	2SC2712
Q	205	Transistor	2SC2712
Q	206	Transistor	2SC2712
Q	251	Transistor	2SC2712
Q	252	Transistor	2SC2712
Q	253	Transistor	2SC2712
Q	254	Transistor	2SC2712
Q	255	Transistor	2SC2712
Q	256	Transistor	2SC2712
Q	401	Transistor	DTC143TK
Q	402	Transistor	DTC143TK
Q	403	Transistor	DTC143TK
Q	404	Transistor	DTC143TK
Q	405	Transistor	DTC343TK
Q	406	Transistor	DTC343TK
Q	407	Transistor	DTC343TK
Q	408	Transistor	DTC343TK
Q	409	Transistor	DTA114EK
Q	410	Transistor	DTA114EK
Q	411	Transistor	DTC343TK
Q	412	Transistor	DTC343TK
Q	501	Transistor	2SK208
Q	502	Transistor	2SC2712
Q	503	Transistor	2SK208
Q	504	Transistor	2SC2712
Q	505	Transistor	DTC124EK
Q	506	Transistor	DTC124EK
Q	507	Transistor	2SC2712
Q	508	Transistor	2SC2712

====Circuit Symbol and No.====Part Name	Part No.	====Circuit Symbol and No.====Part Name	Part No.
Q 551 Transistor	DTC343TK	RESISTORS	
Q 552 Transistor	DTC343TK		
Q 553 Transistor	DTC343TK	R 201	RS1/10S473J
Q 554 Transistor	DTC343TK	R 202	RS1/10S473J
Q 555 Transistor	DTC124EK	R 203	RS1/10S182J
		R 204	RS1/10S182J
Q 701 Transistor	DTA114EK	R 205	RS1/10S472J
Q 702 Transistor	DTA114EK		
Q 703 Transistor	DTA114EK	R 206	RS1/10S472J
Q 704 Transistor	DTA114EK	R 207	RD1/4PU472J
Q 705 Transistor	DTA114EK	R 208	RD1/4PU472J
		R 209	RS1/10S123J
Q 706 Transistor	DTA114EK	R 210	RS1/10S123J
Q 851 Transistor	DTC143TK		
Q 852 Transistor	DTC143TK	R 213	RS1/10S683J
Q 853 Transistor	DTC143TK	R 214	RS1/10S683J
Q 854 Transistor	DTC143TK	R 215	RS1/10S122J
		R 216	RS1/10S122J
Q 855 Transistor	DTA114EK	R 217	RS1/10S332J
Q 904 Transistor	2SC2712		
Q 905 Transistor	DTC114TK	R 218	RS1/10S332J
Q 906 Transistor	2SA1358	R 221	RS1/10S103J
Q 908 Transistor	2SC2712	R 222	RS1/10S103J
		R 223	RS1/10S683J
D 401 Chip Diode	MA151WA	R 224	RS1/10S683J
D 402 Diode	MA3043(M)		
D 403 Chip Diode	MA151WA	R 225	RS1/10S122J
D 404 Chip Diode	MA151WK	R 226	RS1/10S122J
D 501 Diode	MA3027(H)	R 227	RS1/10S332J
		R 228	RS1/10S332J
D 502 Diode	MA3027(H)	R 231	RS1/10S332J
D 503 Chip Diode	MA151WK		
D 504 Diode	MA3047(M)	R 232	RS1/10S332J
D 551 Chip Diode	MA151WA	R 233	RS1/10S683J
D 552 Chip Diode	MA151WA	R 234	RS1/10S683J
		R 235	RS1/10S122J
D 553 Diode	ERC05-10B	R 236	RS1/10S122J
D 554 Diode	ERA15-02VH		
D 555 Diode	ERA15-02VH	R 237	RS1/10S332J
D 556 Diode	ERA15-02VH	R 238	RS1/10S332J
D 651 Diode	MA153	R 239	RS1/10S472J
		R 240	RS1/10S472J
D 652 Diode	MA153	R 243	RD1/4PU222J
D 653 Diode	MA153		
D 654 Diode	MA153	R 244	RD1/4PU222J
D 655 Diode	MA153	R 245	RD1/4PU0R0J
D 656 Diode	MA153	R 246	RD1/4PU0R0J
		R 251	RS1/10S473J
D 657 Diode	MA153	R 252	RS1/10S473J
D 658 Diode	MA153		
D 659 Diode	MA153	R 253	RS1/10S122J
D 660 Diode	MA153	R 254	RS1/10S122J
D 661 Diode	MA153	R 255	RS1/10S472J
		R 256	RS1/10S472J
D 662 Diode	MA153	R 257	RD1/4PU472J
D 663 Diode	MA153		
D 701 Diode	1SS133	R 258	RD1/4PU472J
D 702 Diode	MA153	R 259	RS1/10S821J
D 703 Chip Diode	MA151WK	R 260	RS1/10S821J
		R 263	RS1/10S683J
D 704 Chip Diode	MA151WK	R 264	RS1/10S683J
D 705 Chip Diode	MA151WK		
D 851 Chip Diode	MA151WA	R 265	RS1/10S122J
D 901 Diode	ERA15-02VH	R 266	RS1/10S122J
D 907 Diode	1SS133	R 267	RS1/10S332J
		R 268	RS1/10S332J
L 501 Inductor	LAU100K	R 269	RS1/10S101J
L 502 Ferri-Inductor	LAU4R7K		
L 503 Ferri-Inductor	LAU4R7K	R 270	RS1/10S101J
L 504 Ferri-Inductor	LAU4R7K	R 273	RS1/10S683J
L 505 Ferri-Inductor	LAU2R2K	R 274	RS1/10S683J
		R 275	RS1/10S122J
L 551 Choke Coil 0.3mH	CTH1075	R 276	RS1/10S122J
L 701 Ferri-Inductor	LAU2R2K		
L 702 Ferri-Inductor	LAU2R2K	R 277	RS1/10S332J
X 501 Crystal Resonator 4.5MHz	CSS1011	R 278	RS1/10S332J
X 701 Ceramic Resonator 4.190MHz	CSS1361	R 279	RS1/10S152J
		R 280	RS1/10S152J
VR 501 Semi-fixed 2.2kΩ(B)	CCP1202	R 283	RS1/10S683J
AR 501	DSP-201M		
Fuse 10A	CEK1136		

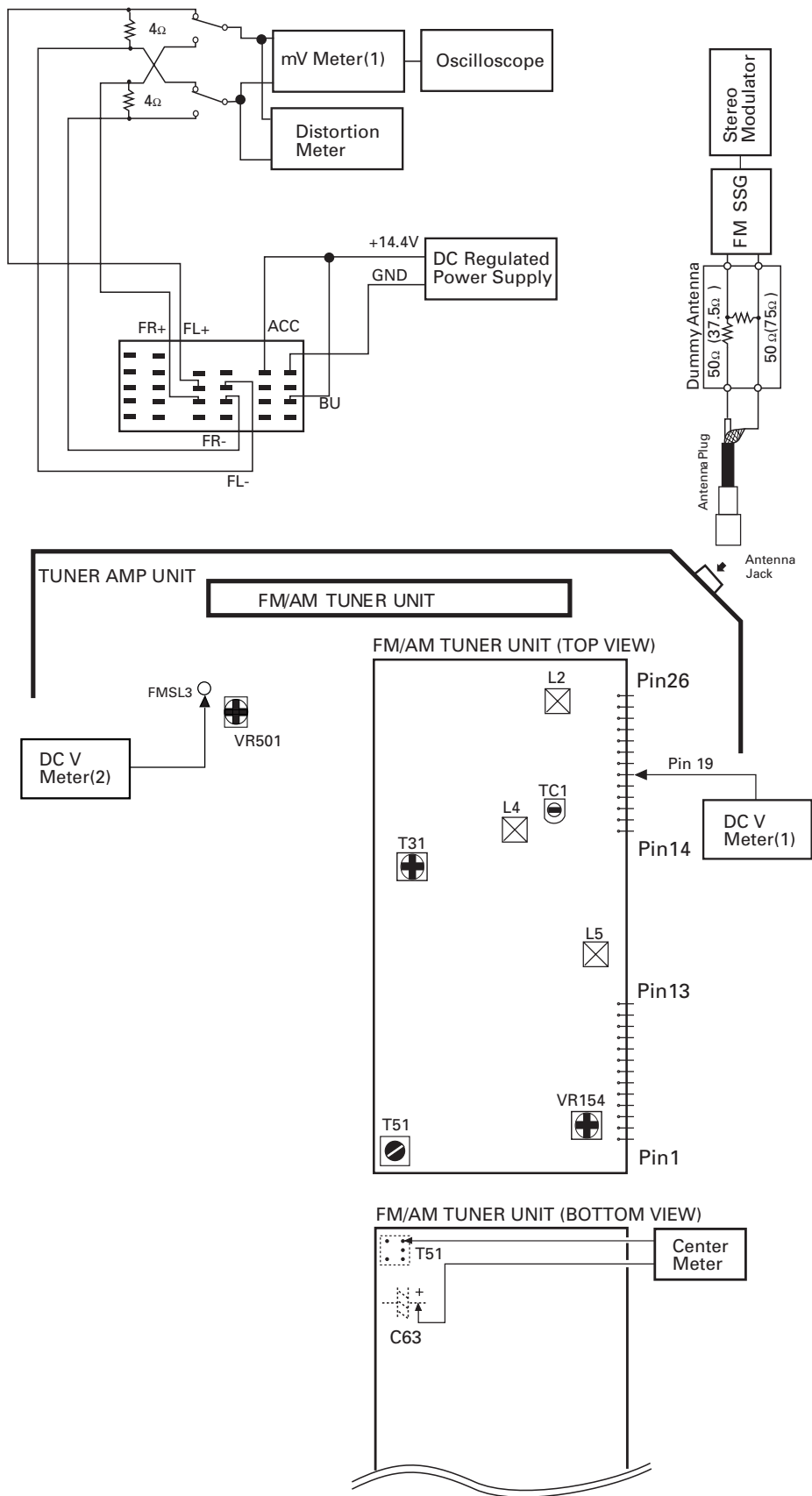
====Circuit Symbol and No.====Part Name	Part No.	====Circuit Symbol and No.====Part Name	Part No.
R 284	RS1/10S683J	R 524	RS1/10S0R0J
R 285	RS1/10S122J	R 525	RS1/10S0R0J
R 286	RS1/10S122J	R 540	RS1/10S103J
R 287	RS1/10S332J	R 542	RS1/10S0R0J
R 288	RS1/10S332J	R 551	RD1/4PU222J
R 289	RS1/10S472J	R 552	RD1/4PU222J
R 290	RS1/10S472J	R 553	RD1/4PU222J
R 291	RS1/10S683J	R 554	RD1/4PU222J
R 292	RS1/10S683J	R 555	RD1/4PU562J
R 401	RS1/10S822J	R 556	RD1/4PU562J
R 402	RS1/10S822J	R 557	RD1/4PU0R0J
R 403	RS1/10S102J	R 558	RD1/4PU0R0J
R 404	RS1/10S102J	R 559	RS1/10S104J
R 405	RS1/10S102J	R 560	RS1/10S104J
R 406	RS1/10S102J	R 563	RS1/10S391J
R 407	RS1/10S473J	R 564	RS1/10S273J
R 408	RS1/10S473J	R 565	RS1/10S103J
R 409	RS1/10S152J	R 566	RS1/10S103J
R 410	RS1/10S152J	R 567	RS1/10S103J
R 411	RS1/10S682J	R 568	RS1/10S331J
R 412	RS1/10S682J	R 569	RA4C223J
R 421	RS1/10S122J	R 570	RD1/4PU102J
R 422	RS1/10S122J	R 571	RD1/4PU103J
R 423	RS1/10S223J	R 601	RA4C102J
R 424	RS1/10S223J	R 602	RS1/10S473J
R 425	RS1/10S223J	R 603	RS1/10S473J
R 426	RS1/10S223J	R 604	RS1/10S473J
R 435	RS1/10S223J	R 605	RS1/10S473J
R 436	RS1/10S223J	R 606	RS1/10S223J
R 437	RD1/4PU273J	R 607	RS1/10S473J
R 438	RD1/4PU273J	R 608	RS1/10S473J
R 439	RS1/10S223J	R 609	RS1/10S471J
R 440	RS1/10S223J	R 610	RS1/10S473J
R 441	RS1/10S273J	R 611	RS1/10S473J
R 442	RS1/10S273J	R 612	RS1/10S473J
R 443	RS1/10S223J	R 651	RS1/10S471J
R 444	RS1/10S473J	R 652	RS1/10S471J
R 445	RS1/10S473J	R 653	RS1/10S471J
R 446	RS1/10S182J	R 654	RS1/10S471J
R 447	RS1/10S152J	R 655	RS1/10S471J
R 448	RS1/10S223J	R 656	RS1/10S471J
R 449	RS1/10S223J	R 657	RS1/10S471J
R 450	RS1/10S223J	R 658	RS1/10S103J
R 451	RS1/10S273J	R 659	RS1/10S682J
R 452	RD1/4PU151J	R 660	RS1/10S682J
R 453	RS1/10S104J	R 661	RS1/10S103J
R 454	RD1/4PU151J	R 662	RS1/10S103J
R 455	RD1/4PU151J	R 663	RS1/10S103J
R 501	RS1/10S222J	R 664	RS1/10S473J
R 502	RS1/10S222J	R 665	RS1/10S221J
R 503	RS1/10S102J	R 666	RS1/10S221J
R 504	RS1/10S152J	R 667	RS1/10S221J
R 505	RS1/10S472J	R 668	RS1/10S221J
R 506	RS1/10S103J	R 669	RS1/10S221J
R 507	RS1/10S102J	R 670	RS1/10S221J
R 508	RS1/10S102J	R 671	RS1/10S221J
R 509	RS1/10S102J	R 672	RS1/10S471J
R 510	RS1/10S102J	R 673	RS1/10S471J
R 511	RS1/10S102J	R 674	RS1/10S471J
R 512	RS1/10S102J	R 675	RS1/10S471J
R 513	RS1/10S222J	R 676	RS1/10S471J
R 514	RS1/10S222J	R 677	RS1/10S471J
R 515	RS1/10S473J	R 678	RA4C473J
R 516	RS1/10S103J	R 680	RS1/10S0R0J
R 517	RS1/10S102J	R 683	RS1/10S0R0J
R 518	RS1/10S393J	R 684	RS1/10S0R0J
R 519	RS1/10S102J	R 685	RS1/10S2R2J
R 521	RS1/10S563J	R 686	RS1/10S2R2J
R 522	RS1/10S102J	R 687	RS1/10S2R2J
R 523	RD1/4PU151J	R 701	RS1/10S102J

====Circuit Symbol and No.===Part Name	Part No.	====Circuit Symbol and No.===Part Name	Part No.
R 702	RS1/10S102J	CAPACITORS	
R 704	RS1/10S473J		
R 705	RS1/10S471J	C 201	CKSQYB821K50
R 706	RS1/10S0R0J	C 202	CKSQYB821K50
R 707	RS1/10S471J	C 203	CKSQYB274K16
		C 204	CKSQYB274K16
R 708	RS1/10S471J	C 205	CKSQYB183K50
R 709	RS1/10S471J		
R 710	RA4C471J	C 206	CKSQYB183K50
R 713	RA4C471J	C 207	CKSQYB154K16
R 716	RA4C0R0J	C 208	CKSQYB154K16
		C 209	CKSQYB154K16
R 717	RS1/10S102J	C 210	CKSQYB154K16
R 718	RS1/10S105J		
R 719	RS1/10S471J	C 211	CKSQYB272K50
R 720	RS1/10S823J	C 212	CKSQYB272K50
R 721	RS1/10S0R0J	C 213	CKSQYB392K50
		C 214	CKSQYB392K50
R 722	RS1/10S471J	C 215	CKSQYB821K50
R 723	RS1/10S471J		
R 724	RS1/10S473J	C 216	CKSQYB821K50
R 725	RS1/10S471J	C 251	CKSQYB821K50
R 726	RS1/10S471J	C 252	CKSQYB821K50
		C 253	CKSQYB474K16
R 727	RS1/10S0R0J	C 254	CKSQYB474K16
R 728	RS1/10S0R0J		
R 729	RS1/10S223J	C 255	CKSQYB333K50
R 730	RS1/10S473J	C 256	CKSQYB333K50
R 731	RD1/4PU101J	C 257	CKSQYB154K16
		C 258	CKSQYB154K16
R 732	RS1/10S472J	C 259	CKSQYB333K50
R 733	RS1/10S473J		
R 734	RS1/10S102J	C 260	CKSQYB333K50
R 735	RS1/10S102J	C 261	CKSQYB822K50
R 751	RS1/10S681J	C 262	CKSQYB822K50
		C 263	CKSQYB103K50
R 752	RS1/10S681J	C 264	CKSQYB103K50
R 753	RS1/10S273J		
R 754	RS1/10S273J	C 265	CKSQYB821K50
R 755	RS1/10S101J	C 266	CKSQYB821K50
R 756	RS1/10S101J	C 401	CKSQYB223K50
		C 402	CKSQYB223K50
R 757	RS1/10S152J	C 403	CKSQYB153K50
R 758	RS1/10S123J		
R 759	RS1/10S153J	C 404	CKSQYB153K50
R 760	RA4C472J	C 405	CEAT2R2M50
R 761	RS1/10S102J	C 406	CEAT2R2M50
		C 427	CEAT100M50
R 851	RS1/10S393J	C 428	CEAT100M50
R 852	RS1/10S393J		
R 853	RS1/10S272J	C 429	CCSQCH101J50
R 854	RS1/10S272J	C 430	CCSQCH101J50
R 855	RS1/10S332J	C 431	CEAT1R0M50
		C 432	CCSQCH560J50
R 856	RS1/10S332J	C 433	CEAT1R0M50
R 857	RS1/10S220J		
R 901	RS1/10S154J	C 434	CEAT221M6R3
R 902	RS1/10S623J	C 435	CKSQYB103K50
R 903	RS1/10S124J	C 501	CCH1250
		C 502	CKSQYB103K50
R 904	RS1/10S513J	C 503	CFTNA474J50
R 905	RS1/10S154J		
R 906	RS1/10S563J	C 504	CKSQYB103K50
R 907	RS1/10S124J	C 505	CCSQCH120J50
R 908	RS1/10S683J	C 506	CCSQCH120J50
		C 508	CKSQYB223K50
R 909	RS1/10S102J	C 509	CKSQYB223K50
R 914	RS1/10S153J		
R 915	RS1/10S152J	C 511	CEATR47M50
R 916	RS1/10S223J	C 512	CKSQYB103K50
R 917	RS1/10S472J	C 513	CEAT100M50
		C 514	CKSQYB104K50
R 920	RS1/10S272J	C 515	CCSQCH101J50
R 921	RS1/10S122J		
R 922	RS1/10S103J	C 516	CCSQCH101J50
R 923	RS1/10S473J	C 518	CKSQYB473K50
R 924	RS1/10S473J	C 519	CKSQYB103K50
		C 521	CKSQYB104K50
R 925	RS1/10S473J	C 522	CKSYB105K16
R 927	RS1/10S473J		

====Circuit Symbol and No.====Part Name	Part No.	====Circuit Symbol and No.====Part Name	Part No.
C 525	CKLSR473K16	C 784	CKSQYB104K50
C 526	CKSQYB104K50	C 785	CEAT101M16
C 527	CKSQYB223K50	C 786	CEAT2R2M50
C 528	CKSQYB223K50	C 851	CEAT100M50
C 533	CCSQCH101J50	C 852	CEAT100M50
C 534	CEAT100M50	C 853	CKSQYB104K50
C 535	CKSQYB104K50	C 854	CKSQYB104K50
C 536	CEATR22M50	C 901	CEAT331M10
C 537	CEAT101M16	C 902	CASA680K10
C 538	CKSQYB103K50	C 903	CEAT101M10
C 539	CKSQYB472K50	C 904	CEAT470M10
C 551	CEAT1R0M50	C 905	CEAT1R0M50
C 552	CEAT1R0M50	C 906	CEAT102M16
C 553	CEAT1R0M50	C 907	CKSQYB224K16
C 554	CEAT1R0M50	C 912	CEAT2R2M50
C 555	CFTNA224J50	C 913	CSZA220M16
C 556	CFTNA224J50	C 914	CKSQYB473K50
C 557	CFTNA224J50	C 916	CKSQYB473K50
C 558	CFTNA224J50	C 917	CEAT330M10
C 559	CKSQYB222K50	C 918	CEAT470M10
C 560	CFTNA105J50		
C 561	CEAT100M50		
C 562	CEAT1R0M50		
C 563	CEAT2R2M50		
C 564	CKSQYB104K50		
C 565	CEAT472M16		
C 567	CKSQYB473K50		
C 568	CKSQYB473K50		
C 681	CKSQYB104K50		
C 682	CKSQYB104K50		
C 701	CKSQYB473K50		
C 702	CKSQYB473K50		
C 703	CEAT100M50		
C 704	CKSQYB102K50		
C 705	CKSQYB473K50		
C 706	CKSQYB473K50		
C 707	CEAT4R7M50		
C 751	CEJA1R0M50		
C 752	CEJA1R0M50		
C 753	CKSQYB272K50		
C 754	CKSQYB272K50		
C 755	CEAT100M50		
C 756	CEAT100M50		
C 757	CKSQYB152K50		
C 758	CKSQYB152K50		
C 759	CKSQYB183K50		
C 760	CKSQYB183K50		
C 761	CCSQCH221J50		
C 762	CCSQCH221J50		
C 763	CKSQYB224K16		
C 764	CKSQYB224K16		
C 765	CKSQYB332K50		
C 766	CKSQYB332K50		
C 767	CCSQCH101J50		
C 768	CCSQCH101J50		
C 769	CEJANP2R2M50		
C 770	CEJANP2R2M50		
C 771	CKSQYB333K50		
C 772	CKSQYB333K50		
C 773	CEAT100M50		
C 774	CEAT100M50		
C 775	CEJANP2R2M50		
C 776	CEJANP2R2M50		
C 777	CEJANP2R2M50		
C 778	CEJANP2R2M50		
C 779	CKSQYB103K50		
C 780	CEAT100M50		
C 781	CKSQYB104K50		
C 782	CEAT100M50		
C 783	CEAT100M50		

6. ADJUSTMENT

● Connection Diagram



FM ADJUSTMENT

Modulation M:MONO MOD., 400Hz 30%(22.5kHz Dev.) or 400Hz 100%(75kHz Dev.)

S:STEREO MOD., 1kHz, L or R=30%(20.25kHz+7.5kHz Dev.)

NOTE:Before proceeding to further adjustments after switching power ON, let the tuner run for ten minutes to allow the circuits to stabilize.

	No.	FM SSG		Displayed	Adjustment Point	Adjustment Method (Switch Position)
		Frequency(MHz)	Level(dBf)	Frequency(MHz)		
TUN Volt	1	.....	.....	108.0	L5	DC V Meter(1) : 6V
IF	2	98.1 M	60—100	98.1	T51	Center Meter : 0
ANT Coil	3	98.1 M	5	98.1	L2	mV Meter(1) : Maximum
RF Coil	4	98.1 M	5	98.1	L4	mV Meter(1) : Maximum
RF Trimmer	5	129.3 M	60—80	107.9	TC1	mV Meter(1) : Minimum
	6	RF Coil and RF Trimmer shall be adjusted twice or more				
IFT	7	98.1 M	5	98.1	T31	mV Meter(1) : Maximum (STEREO MODE)
ARC	8	98.1 S	40	98.1	VR154	mV Meter(1) : Separation 5dB (STEREO MODE)

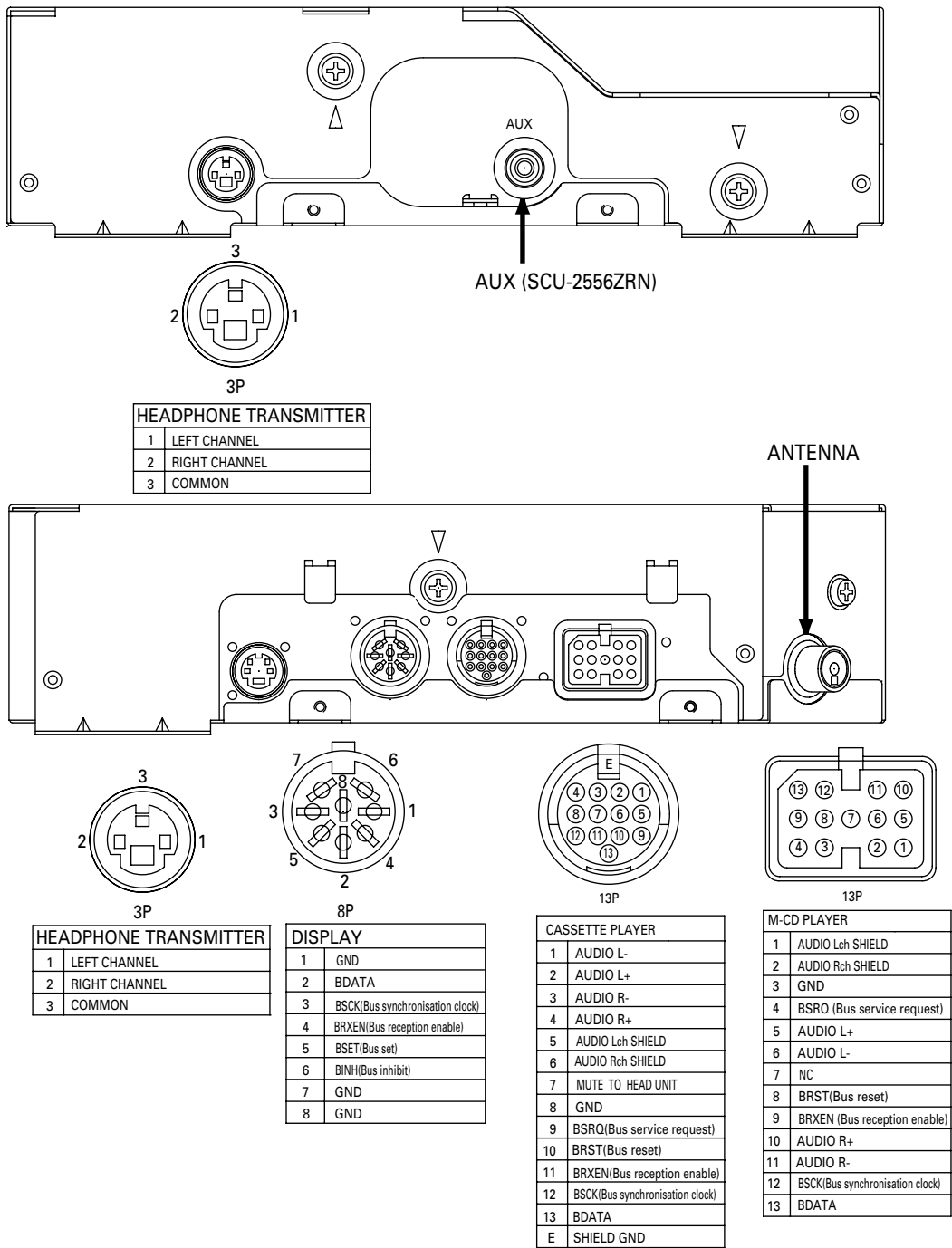
FMSL ADJUSTMENT

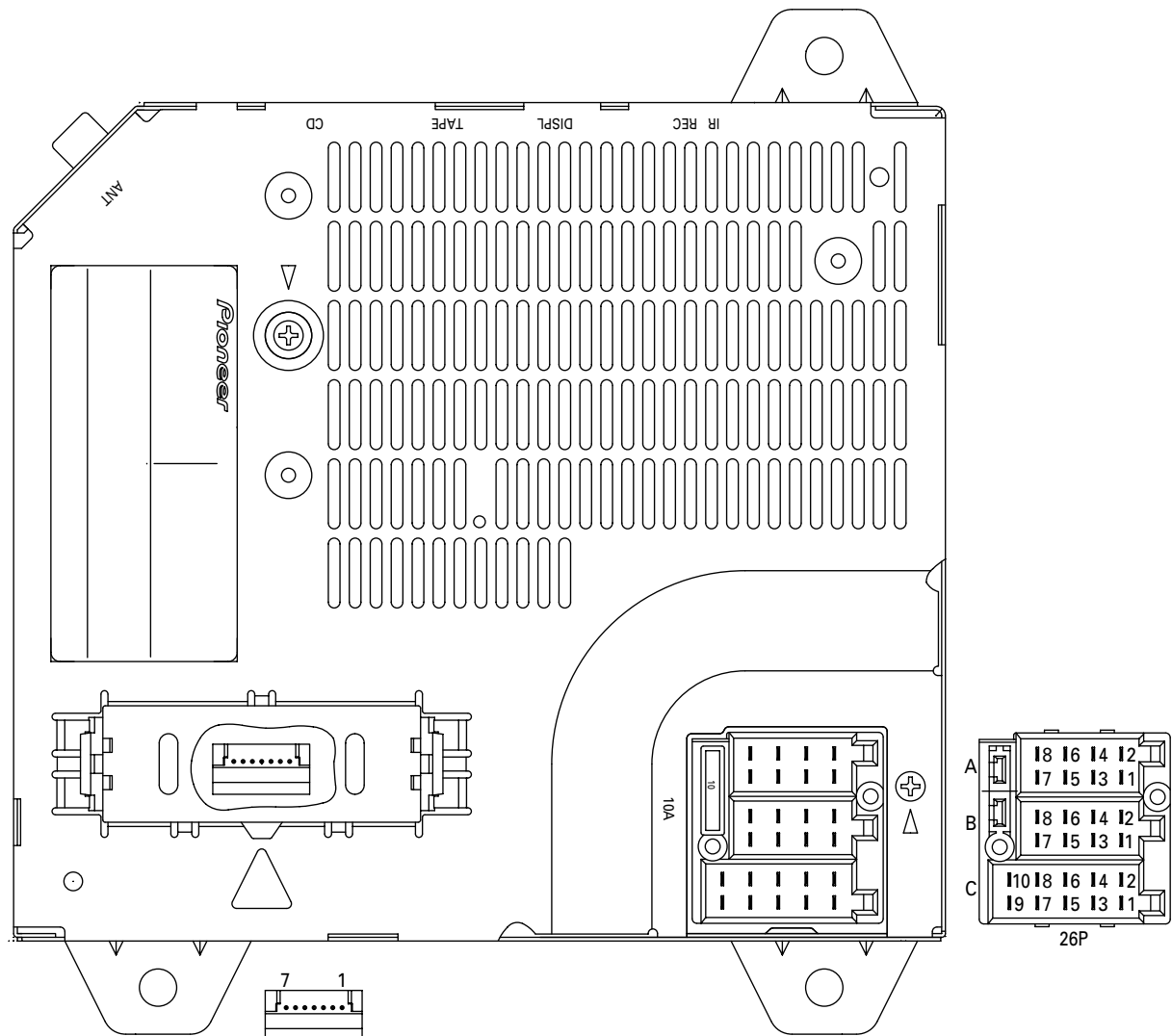
Modulation MONO MOD., 400Hz 100%(75kHz Dev.)

	No.	FM SSG		Displayed	Adjustment Point	Adjustment Method (Switch Position)
		Frequency(MHz)	Level(dBf)	Frequency(MHz)		
FMSL	1	98.1 M	25	98.1	VR501	DC V Meter(2) : 1.25V±0.05V

7. GENERAL INFORMATION

7.1 CONNECTOR FUNCTION DESCRIPTION





TRANSMITTER INTERFACE	
7	+8.5V
6	RIGHT OUT
5	LEFT OUT
4	GND
3	COMMON
2	RIGHT IN
1	LEFT IN

A1	NC	B1	RR+	C1	NC
A2	NC	B2	RR-	C2	NC
A3	TEL MUTE	B3	FR+	C3	NC
A4	+BACKUP	B4	FR-	C4	GND
A5	NC	B5	FL+	C5	L0
A6	NC	B6	FL-	C6	IN2
A7	+ACC	B7	RL+	C7	L1
A8	GND	B8	RL-	C8	IN0
				C9	L5
				C10	IN1

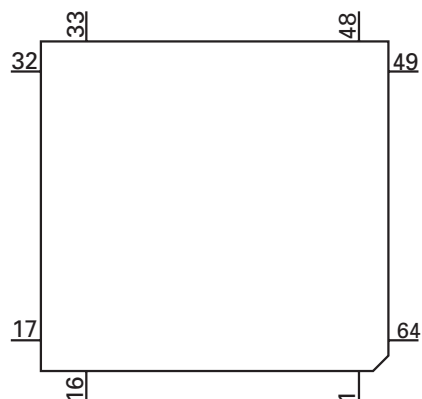
7.2 IC

● Pin Functions(PE5157A)

Pin No.	Pin Name	I/O	Format	Function and Operation
1	AVPOW	O	C	A Vref watching terminal
2	PEE	O	C	Beep tone output
3	BRXEN	I/O	C	Communication reception enable input/output
4	BINH	O	C	Communication data input inhibit
5	A/B	I		Model select
6	AUXMUTE	O	C	AUX mute
7	MUTE	O	C	Synthesis mute output
8	BSET	O	C	BUS communication reset output
9	VSS			GND
10	NC			Not used
11	ACCMUTE	O	C	ACC ON mute
12	NC			Not used
13	BRST	O	C	Reset output
14	AMPMUTE	O	C	Amp Mute output
15	SYSPW	O	C	System power supply control output
16	PCE	O	C	Chip enable output for PLL IC
17	AM/FM	O	C	AM/FM select output
18	BSRQ	I		Communication request input
19	RDSSEL	O	C	Select output for RDS IC
20	RDSRST	O	C	Reset output for RDS IC
21	RDSEN	O	C	Enable output for RDS IC
22,23	KDT0,1	I		Key data 0,1
24	VSS			GND
25	KDT2	I		Key data 2
26	NC			Connect to GND
27-29	KST0-2	O	C	Key strobe 0-2
30	NC			Not used
31	VDT	O	C	Data output for electronic volume
32	VST	O	C	Strobe pulse output for electronic volume
33	VCK	O	C	Clock output for electronic volume
34	TMUTE	O	C	Tuner mute output
35	RESET	I		Reset input
36	REMIN	I		Remote control pulse input
37	BSENS	I		Back up power sense input
38	ASENS	I		ACC power sense input
39	8VSENS	I		8V sense input
40	VDD			Power supply
41	X2			Crystal oscillator connection pin
42	X1			Crystal oscillator connection pin
43	IC			Connect to GND
44	XT2			Not used
45	XT1			Connect to GND
46	AVSS	I		A/D GND
47	SL	I		Tuner SD level detector input
48	K7MUTE	O		Mute control output for cassette
49	CDMUTE	O		Mute control output for CD
50	PDI	I		Data input from PLL IC
51	RDSRDY	I		Ready input from RDS IC
52	SD	I		SD input
53	TESTIN	I		Test program mode input
54	TELMUT	I		Telephone mute signal input
55	AVDD			Positive power supply terminal for analog circuit
56	AVREF	I		Reference voltage
57	RDSDTI	I		Serial data input for RDS IC
58	RDSDTO	O		Serial data output for RDS IC
59	RDSCK	I/O	C	Serial clock output for RDS IC
60	PDO	O	C	Data output for PLL IC

Pin No.	Pin Name	I/O	Format	Function and Operation
61	PCK	O	C	Serial clock output for PLL IC
62	BSI	I		Communication data input
63	BSO	O	C	Communication data output
64	B $\overline{\text{SCK}}$	I/O	C	Communication serial clock input/output

*PE5157A

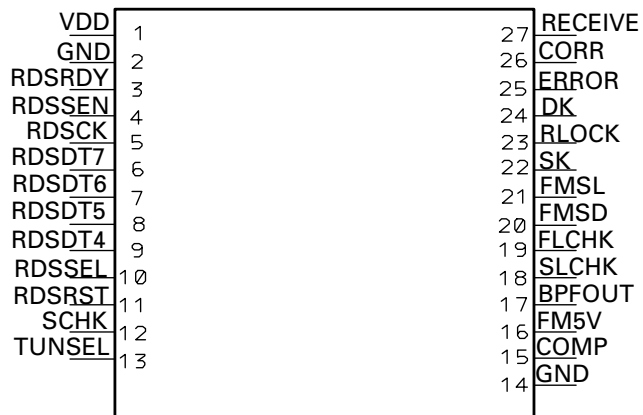


Output Format	Meaning
C	C MOS output

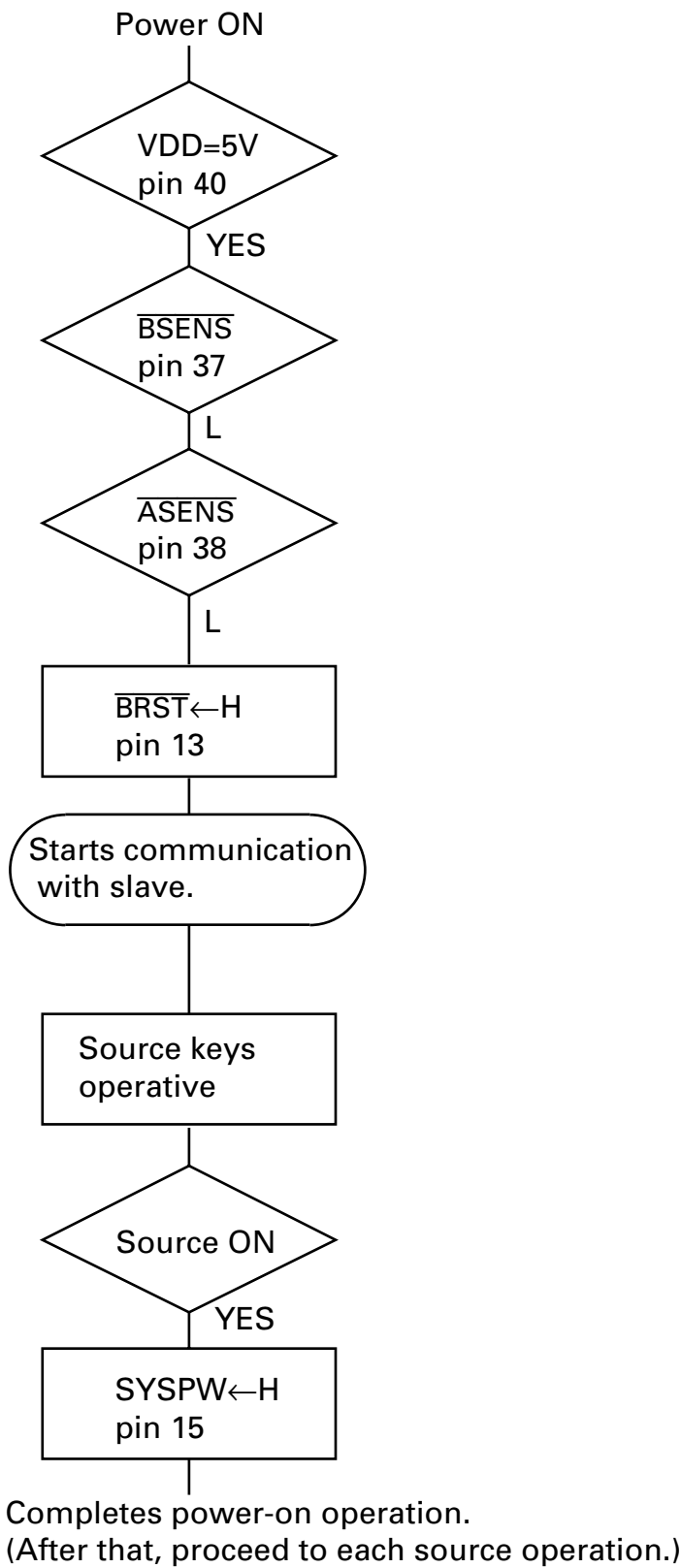
IC's marked by* are MOS type.

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

CWV1065



7.3 OPERATIONAL FLOW CHART



8. SPECIFICATIONS

General

Power source 14.4 V DC (10.5 – 16.0 V allowable)
Grounding system Negative type
Weight 1.1 kg

Amplifier

Maximum power output (SCU-2456ZRN)	15 W
(SCU-2556ZRN)	40 W
Rated power output (SCU-2456ZRN).....	10 W
(SCU-2556ZRN)	15 W
Load impedance	4 Ω (4 – 8 Ω allowable)

FM tuner

Frequency range	87.5 – 108 MHz
Usable sensitivity	10 dBf
	(1.0 μ V/75 Ω , mono, S/N: 30 dB)
40 dB quieting sensitivity	13 dBf
	(1.7 μ V/75 Ω , mono)
Signal-to-noise ratio	More than 50 dB
Distortion	Less than 1.5%
Stereo separation	More than 20 dB

MW tuner

Frequency range 531 – 1,602 kHz (9 kHz)
Usable sensitivity 29dBμ (S/N: 20 dB)
Selectivity More than 45 dB

LW tuner

Frequency range 153 – 281 kHz
Usable sensitivity 33dBμ (S/N: 20 dB)
Selectivity More than 45 dB

Note:

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