

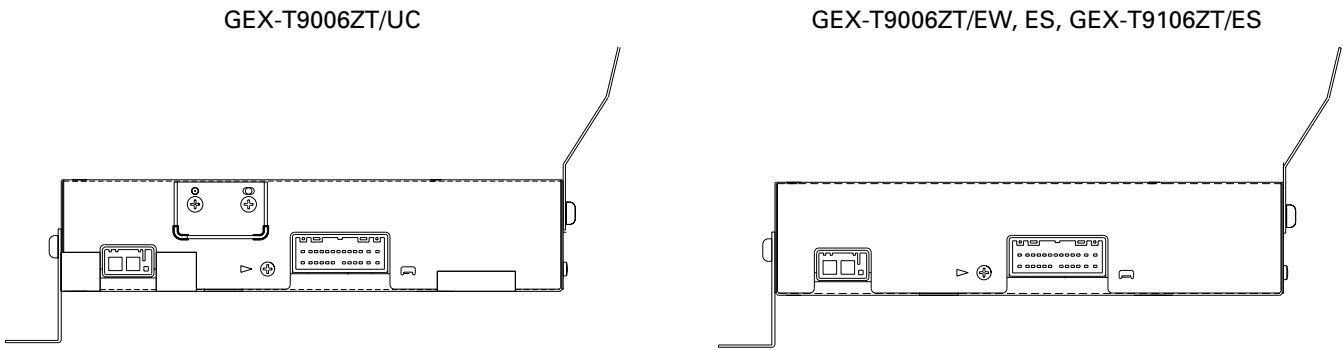
Service Manual

Pioneer
TOYOTA

ORDER NO.
CRT2530

LEXUS LS430 **AUDIO SYSTEM** **TUNER ASSY**

VEHICLE	DESTINATION	PRODUCED AFTER	TOYOTA PART No.	ID No.	PIONEER MODEL No.
LEXUS LS430	NORTH AMERICA	August 2000	86180-50040	–	GEX-T9006ZT/UC
LEXUS LS430	NORTH AMERICA	August 2000	86180-50110	–	GEX-T9006ZT-91/UC
LEXUS LS430	EUROPE	August 2000	86180-50050	–	GEX-T9006ZT/EW
LEXUS LS430	EUROPE	August 2000	86180-50120	–	GEX-T9006ZT-91/EW
LEXUS LS430	OVERSEAS	August 2000	86180-50080	–	GEX-T9006ZT/ES
LEXUS LS430	OVERSEAS	August 2000	86180-50150	–	GEX-T9006ZT-91/ES
LEXUS LS430	MIDDLE EAST	August 2000	86180-50060	–	GEX-T9106ZT/ES
LEXUS LS430	MIDDLE EAST	August 2000	86180-50130	–	GEX-T9106ZT-91/ES



● GEX-T9006ZT/UC, EW, ES and GEX-T9106ZT/ES have adopted AVC-LAN.

● Supplementary model is identical to the original except for the addition of following items.

		Part No.			
Mark	Symbol and Description	GEX-T9006ZT-91/UC	GEX-T9006ZT-91/EW	GEX-T9006ZT-91/ES	GEX-T9106ZT-91/ES
*	Cover	CEG1088	CEG1088	CEG1088	CEG1088
	Carton	CHA3068	CHA3068	CHA3068	CHA3068
	Contain Box	CHL4132	CHL4133	CHL4135	CHL4136
	Protector(×2)	CHP2321	CHP2321	CHP2321	CHP2321

		Part No.			
Mark	Symbol and Description	GEX-T9006ZT/UC	GEX-T9006ZT/EW GEX-T9006ZT/ES GEX-T9106ZT/ES	GEX-T9006ZT-91/UC	GEX-T9006ZT-91/EW GEX-T9006ZT-91/ES GEX-T9106ZT-91/ES
	Screw(×2)	BMZ40P060FMC	Not used	Not used	Not used
	Screw(×4)	BMZ50P060FMC	BMZ50P060FMC	Not used	Not used
	86285-50100	CNC8960	CNC8960	Not used	Not used
	86286-50030	CNC8961	CNC8961	Not used	Not used
	86729-50150	CNC9126	Not used	Not used	Not used

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● **Service Precautions**

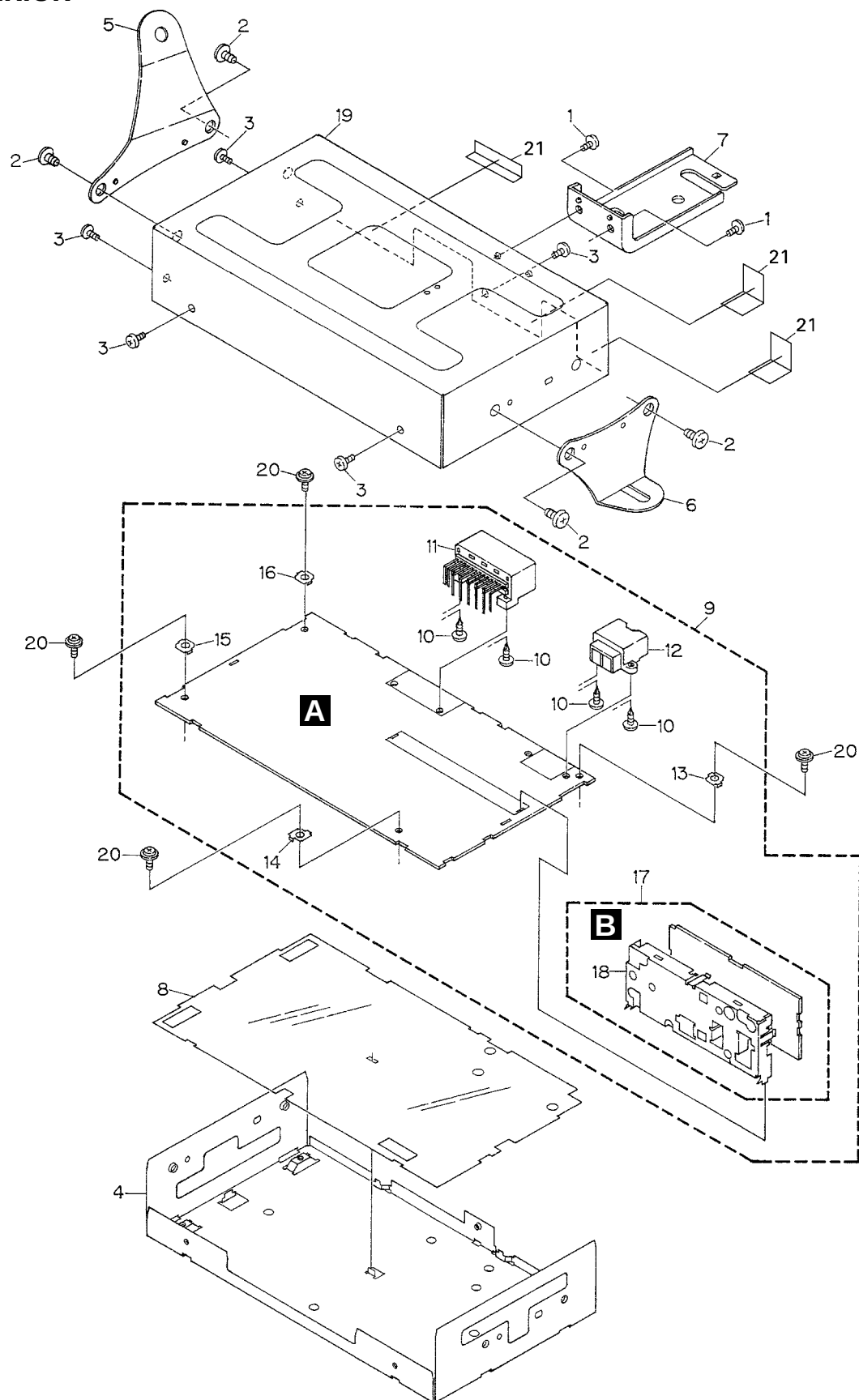
1. The top case must have the ground sheet metal.
2. The ground sheet metal of the top case must surely touch the top of the tuner unit holder.
3. The bottom chassis pawl bend portion and the PC board must surely be soldered.
4. The tuner unit holder metal sheet and the PC board must surely be soldered.

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 EXTERIOR



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.

(1) EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	See Contrast table(2)	11	Connector(CN801)	CKM1308
2	Screw	BMZ50P060FMC	12	Connector(CN501)	CKS4123
3	Screw	BSZ30P060FMC	13	Holder(CN802)	CNC2218
4	Chassis	CNA2141	14	Holder(CN803)	CNC2218
5	86285-50100	CNC8960	15	Holder(CN804)	CNC2218
6	86286-50030	CNC8961	16	Holder(CN805)	CNC2218
7	86729-50150	See Contrast table(2)	17	FM/AM Tuner Unit	See Contrast table(2)
8	Insulator	CNM6144	18	Holder	See Contrast table(2)
9	Control Unit	See Contrast table(2)	19	Case Unit	See Contrast table(2)
10	Screw	BPZ30P060FSN	20	Screw	ISS30P050FMC
			*	21 Seal	CNM5714

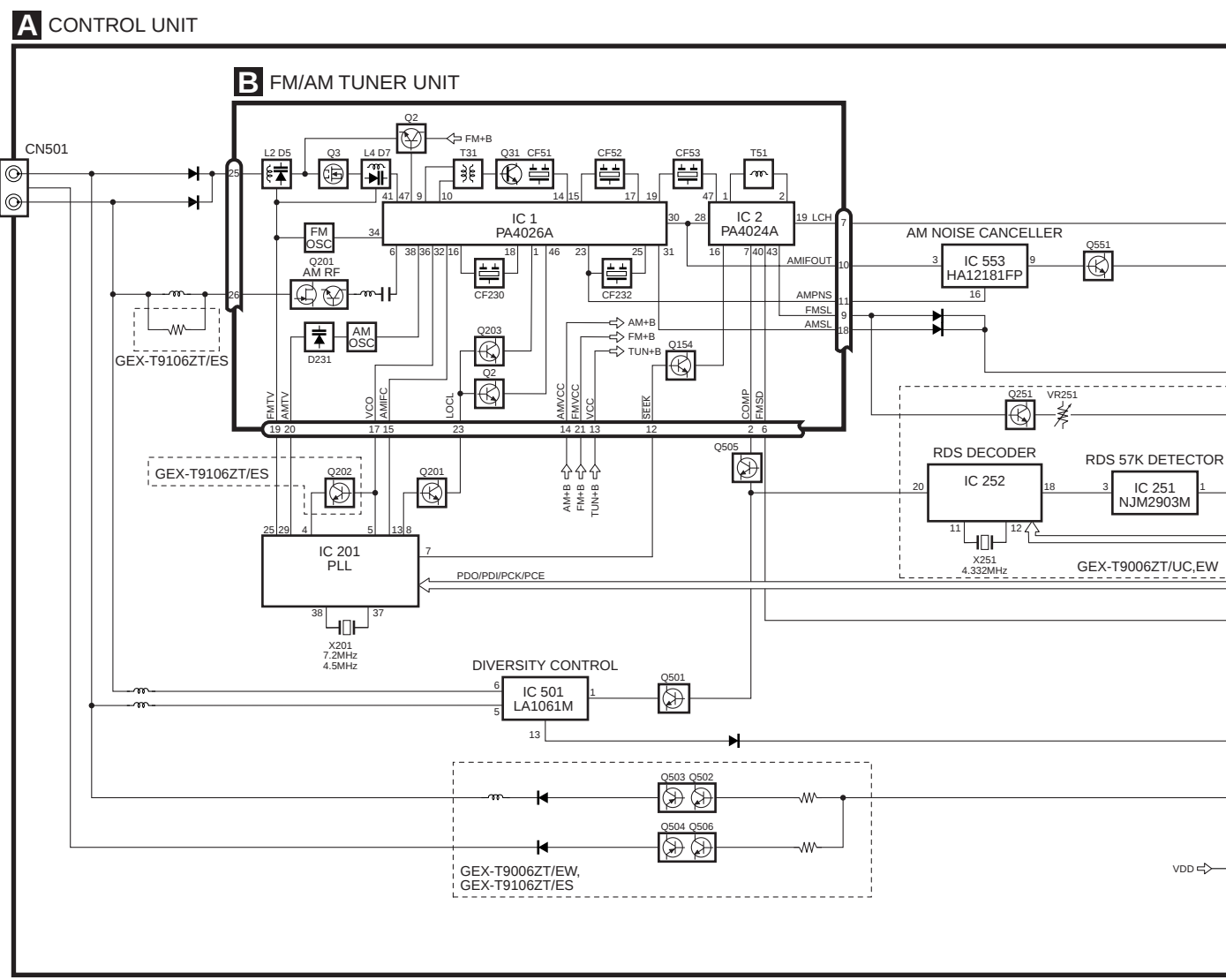
(2) CONTRAST TABLE

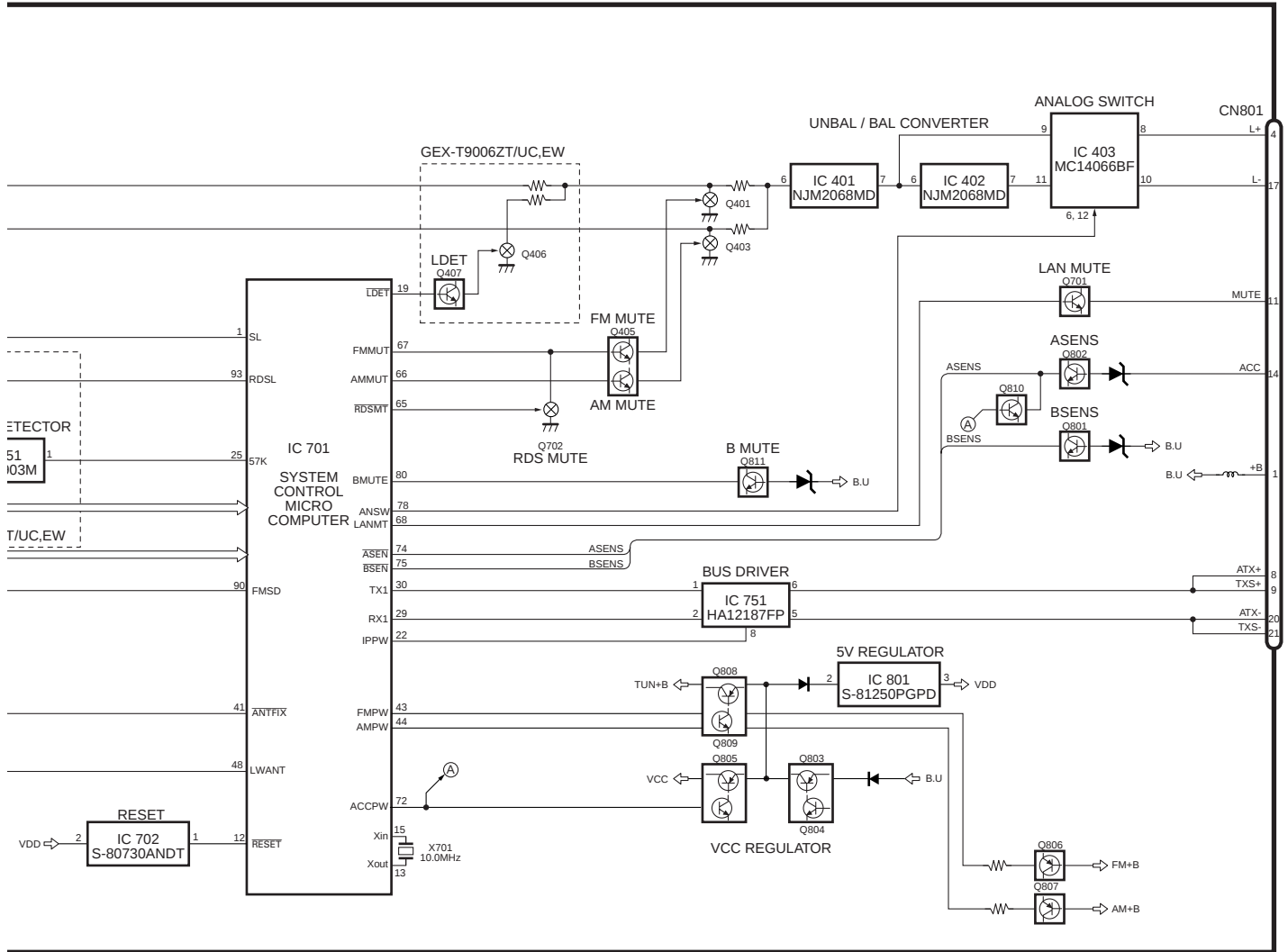
GEX-T9006ZT/UC, EW, ES and GEX-T9106ZT/ES are constructed the same except for the following:

Mark No.	Symbol and Description	Part No.			
		GEX-T9006ZT/UC	GEX-T9006ZT/EW	GEX-T9006ZT/ES	GEX-T9106ZT/ES
1	Screw	BMZ40P060FMC	Not used	Not used	Not used
7	86729-50150	CNC9126	Not used	Not used	Not used
9	Control Unit	CWM6591	CWM6592	CWM6594	CWM6595
17	FM/AM Tuner Unit	CWE1543	CWE1542	CWE1546	CWE1544
18	Holder	CNC6774	CNC6122	CNC6122	CNC6122
19	Case Unit	CXB6737	CXB5851	CXB5851	CXB5851

3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM

3.1 BLOCK DIAGRAM





3.2 OVERALL CONNECTION DIAGRAM(GUIDE PAGE)(GEX-T9006ZT/UC, EW)

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

A CONTROL UNIT

A-a

B FM/AM TUNER UNIT

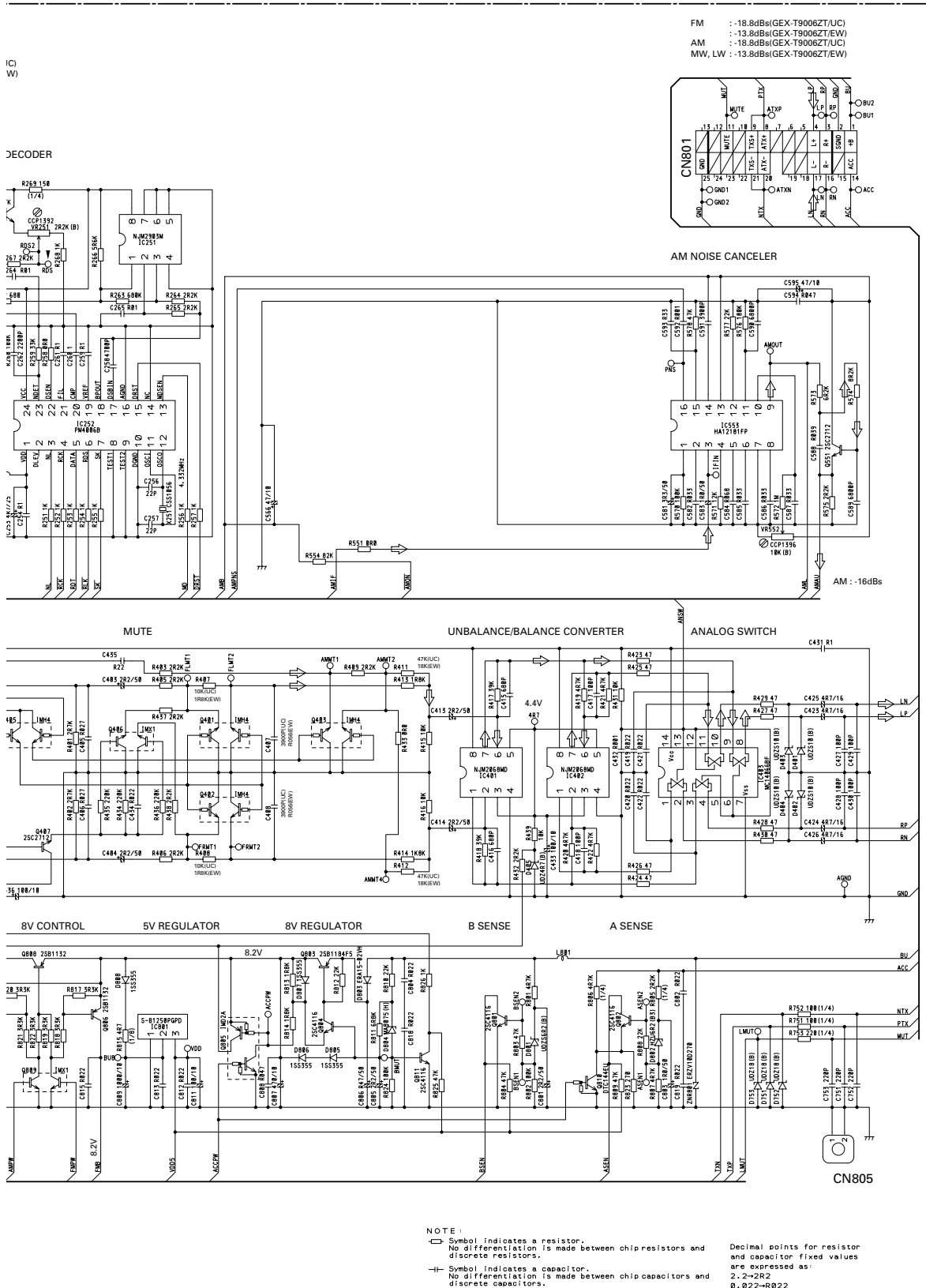
FM 400Hz 30% : -28dBs(GEX-T9006ZT/UC
AM 400Hz 30% : -30dBs(GEX-T9006ZT/EW
: -16dBs

RDS DI

SYSTEM CONTROL MICROCOMPUTER

BUS DRIVER

A-b



A

B

C

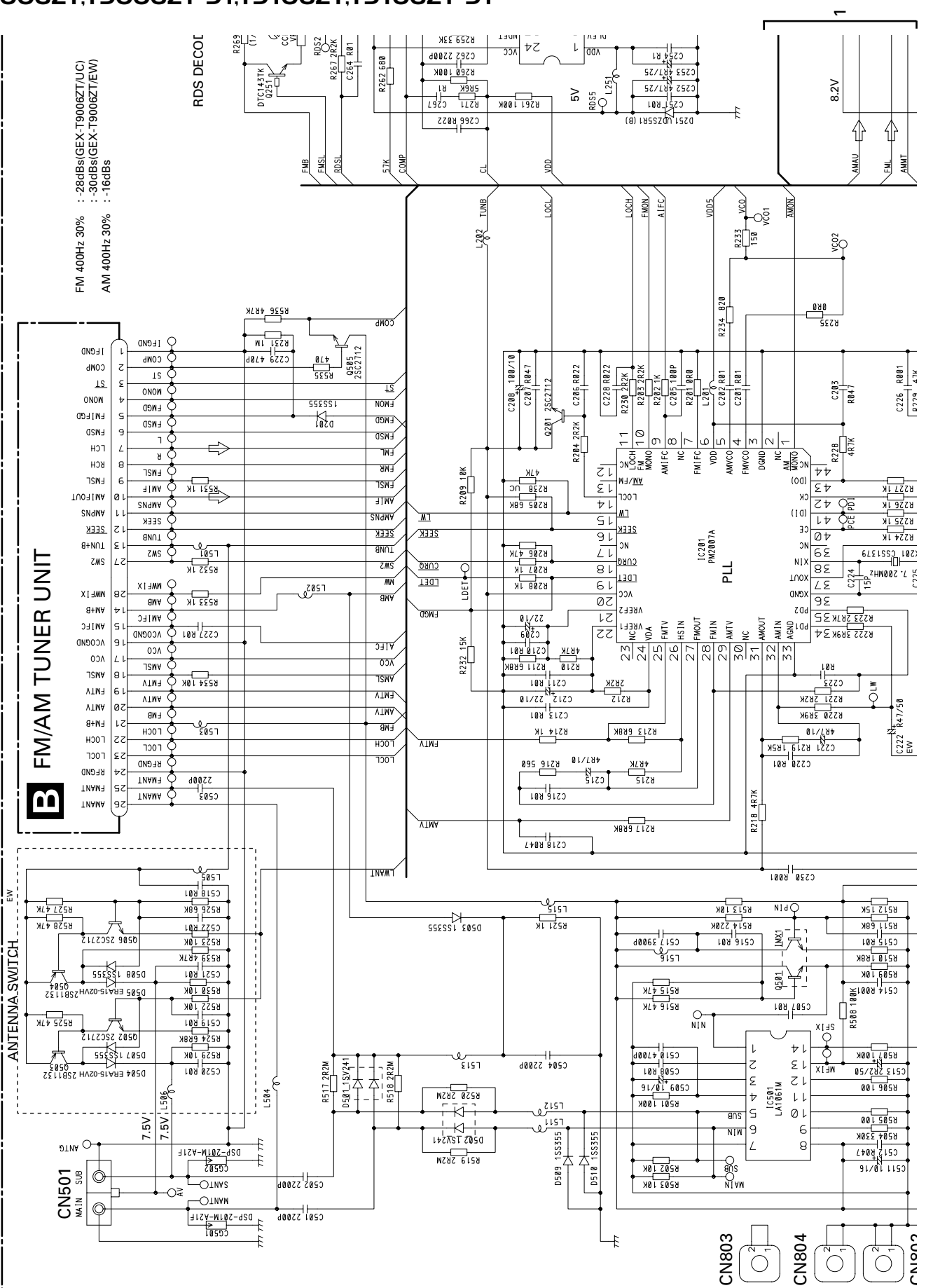
D

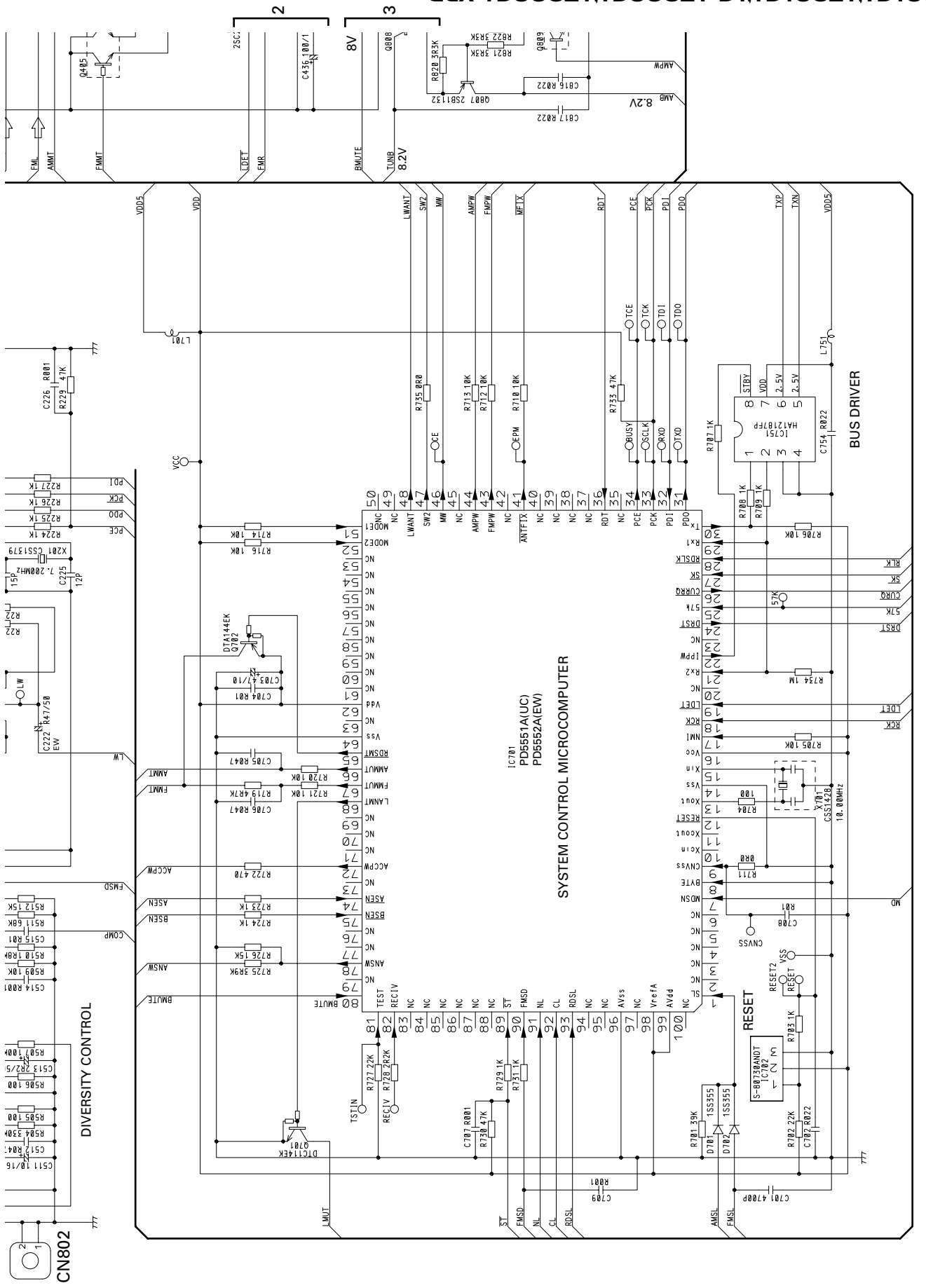
A-a
A-b

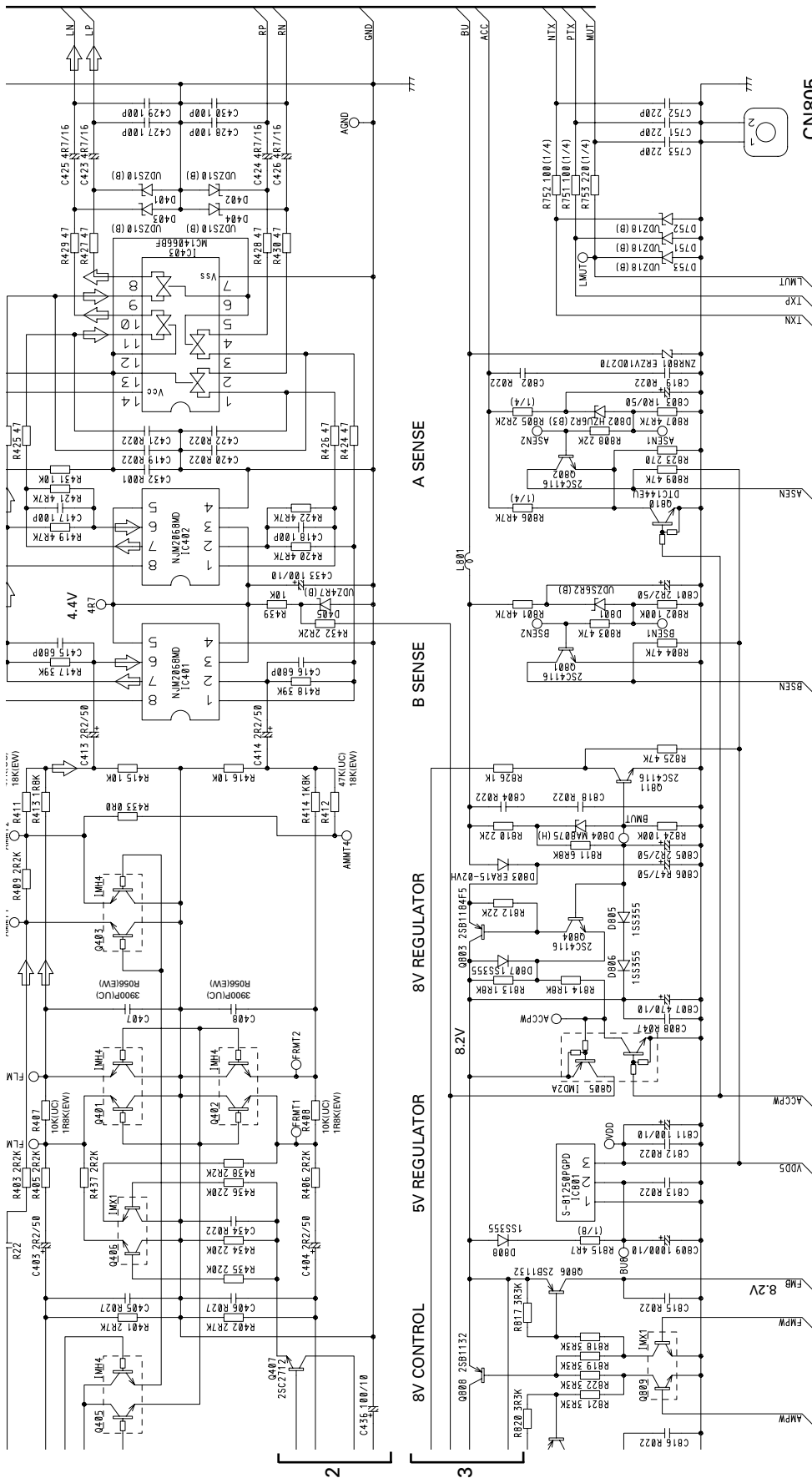
A CONTROL UNIT

B FM/AM TUNER UNIT

FM 400Hz 30% : -28dBs(GEX-T9006ZT/UC)
: -30dBs(GEX-T9006ZT/EV)
AM 400Hz 30% : -16dBs







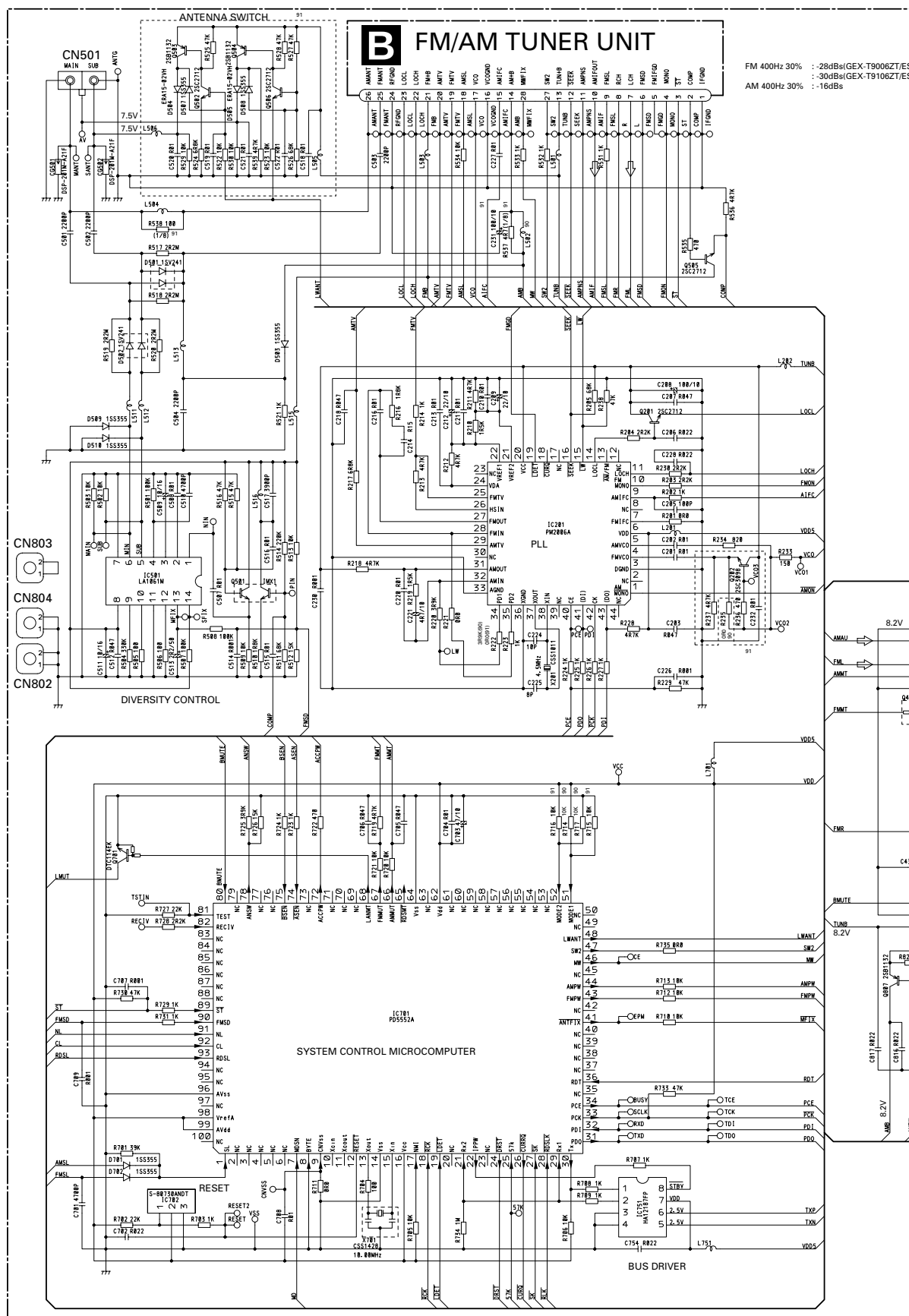
NOTE :
 Symbol indicates a resistor.
 No differentiation is made between chip resistors and discrete resistors.
 Symbol indicates a capacitor.
 No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
 2.2→2R2
 0.022→R022

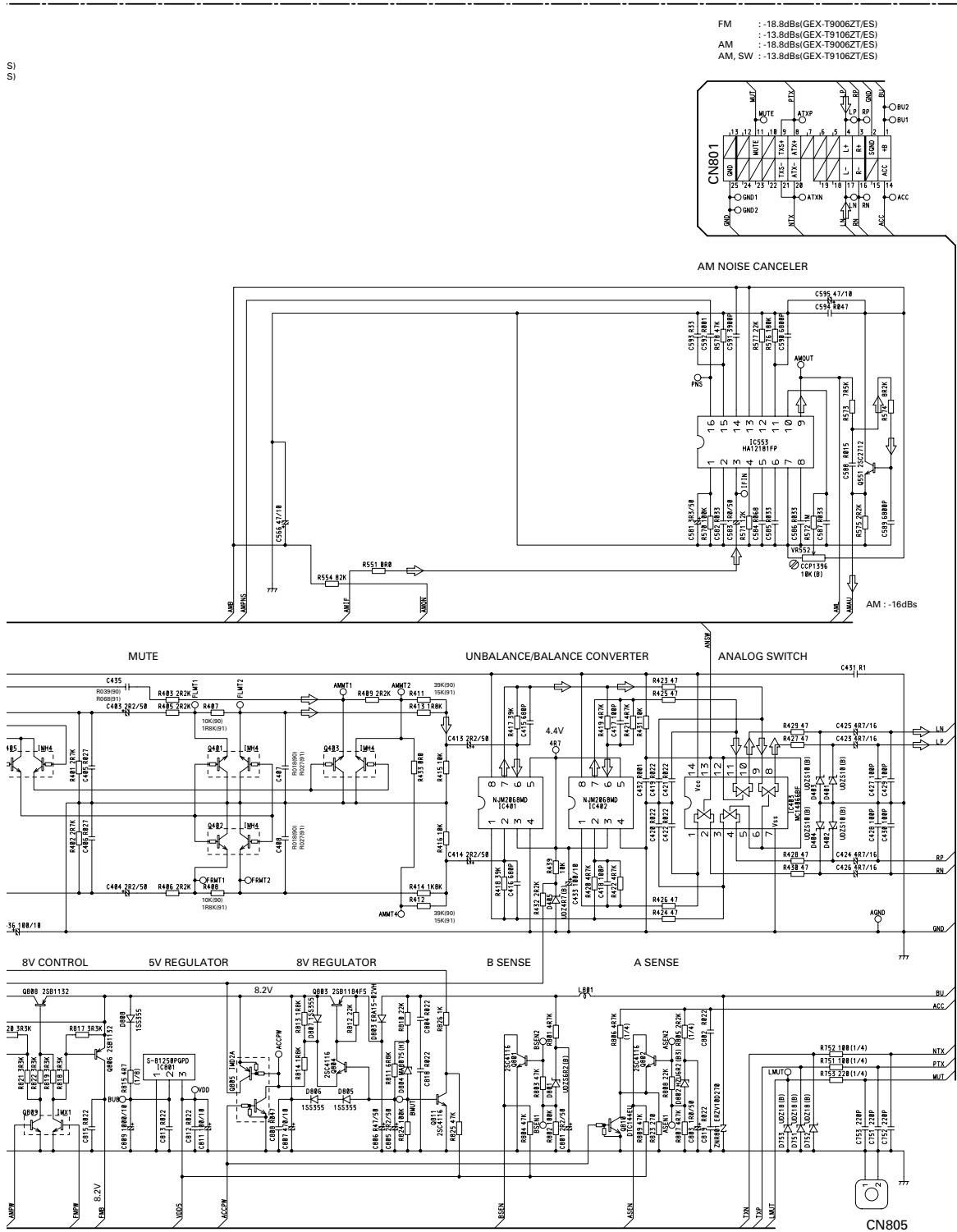
3.3 OVERALL CONNECTION DIAGRAM(GUIDE PAGE) (GEX-T9006ZT/ES, GEX-T9106ZT/ES)

A CONTROL UNIT

A-a



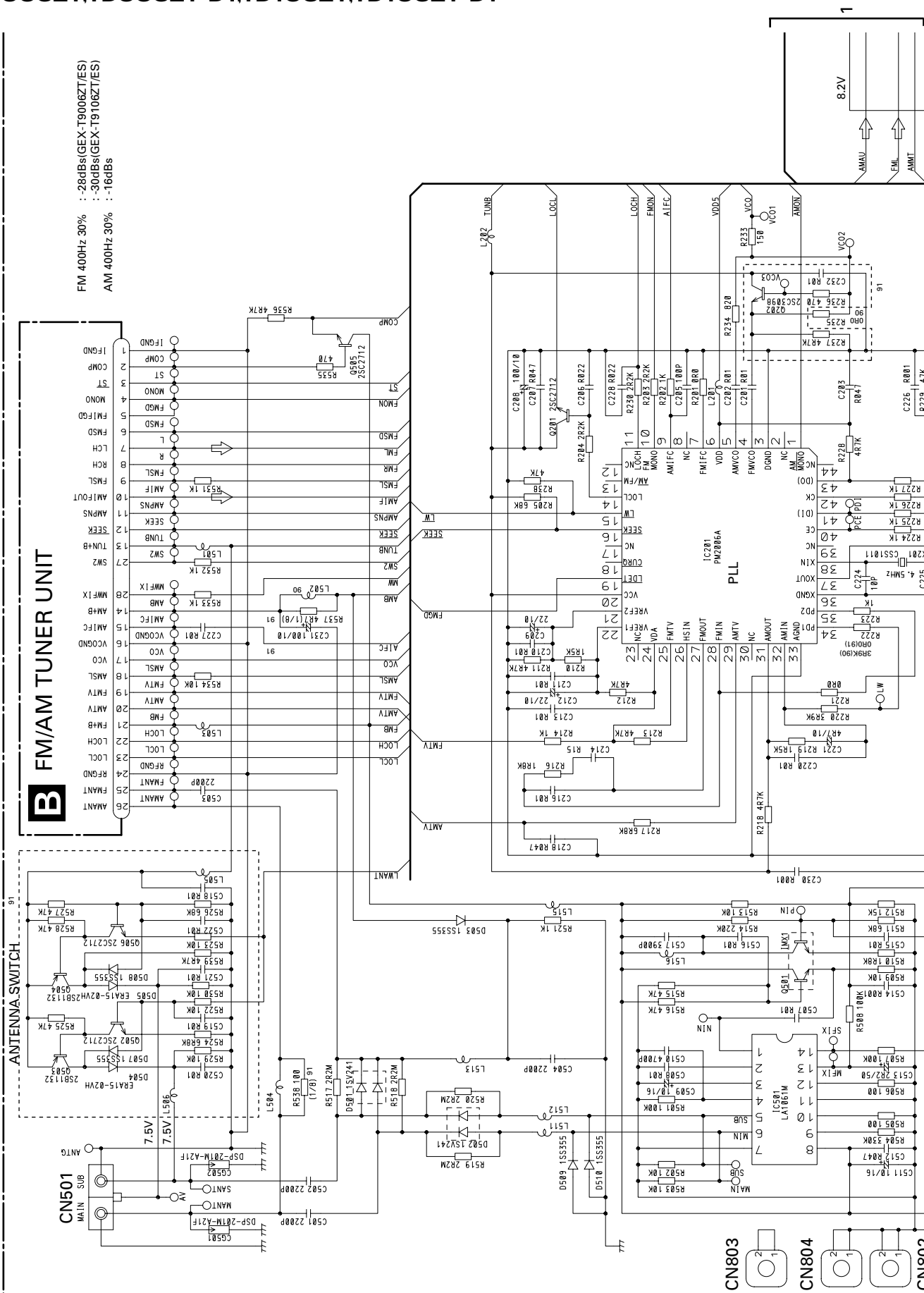
A-b

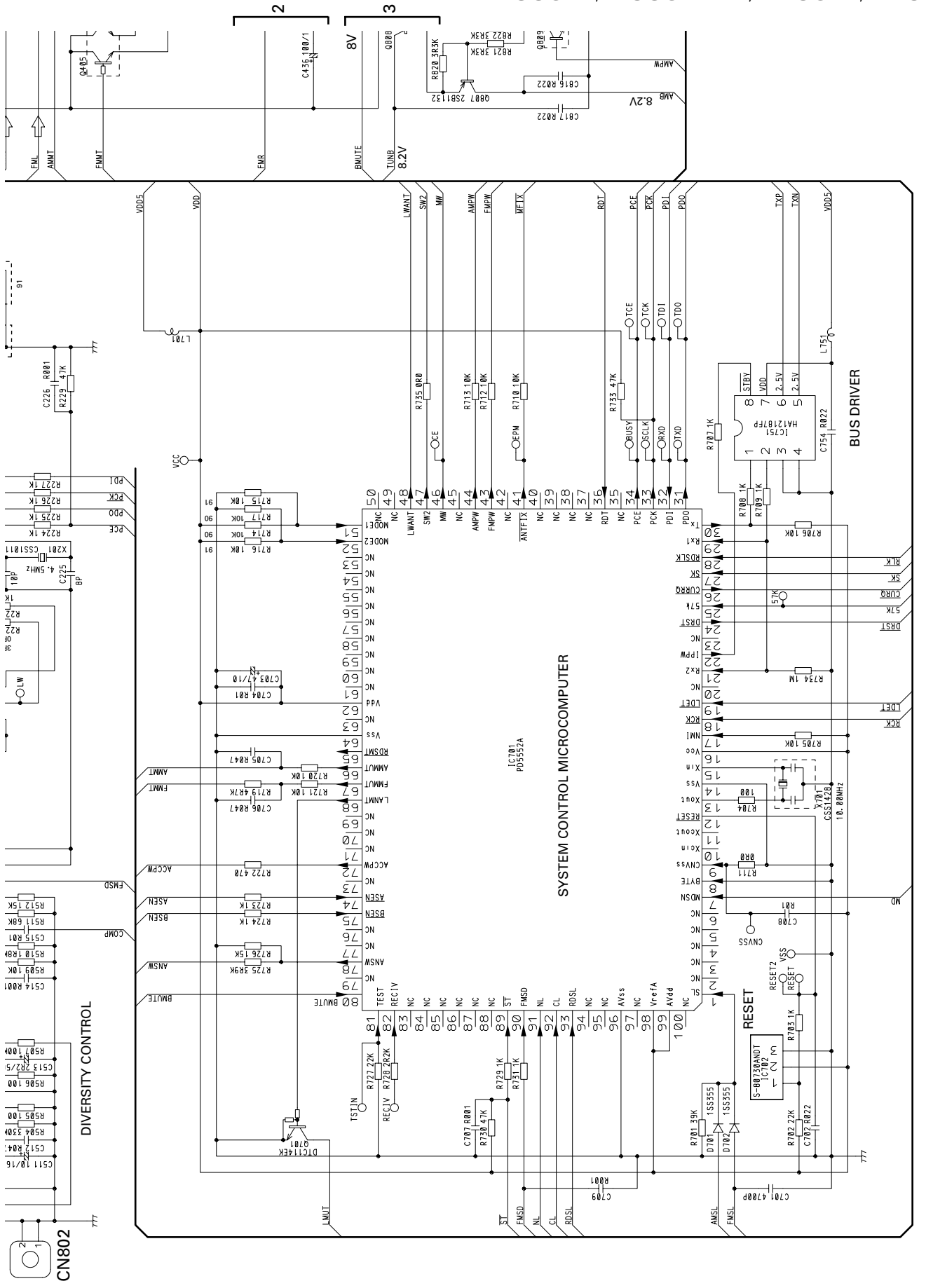


90: GEX-T9006ZT/ES
 91: GEX-T9106ZT/ES

NOTE:
 ⊞ Symbol indicates a resistor.
 No differentiation is made between chip resistors and discrete resistors.
 ⊞ Symbol indicates a capacitor.
 No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:
 2.2→R22
 0.022→R022





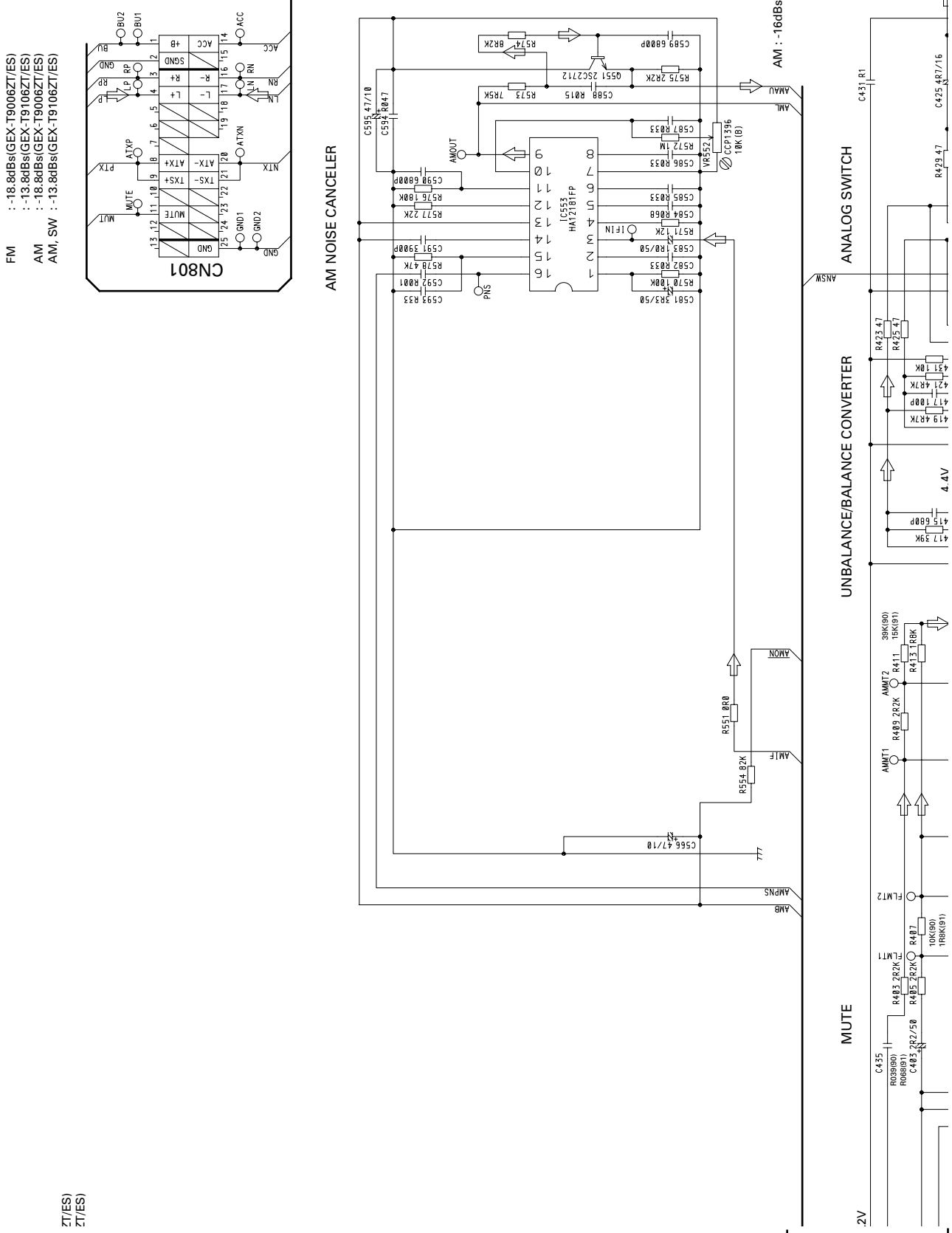
A-a A-b

A

B

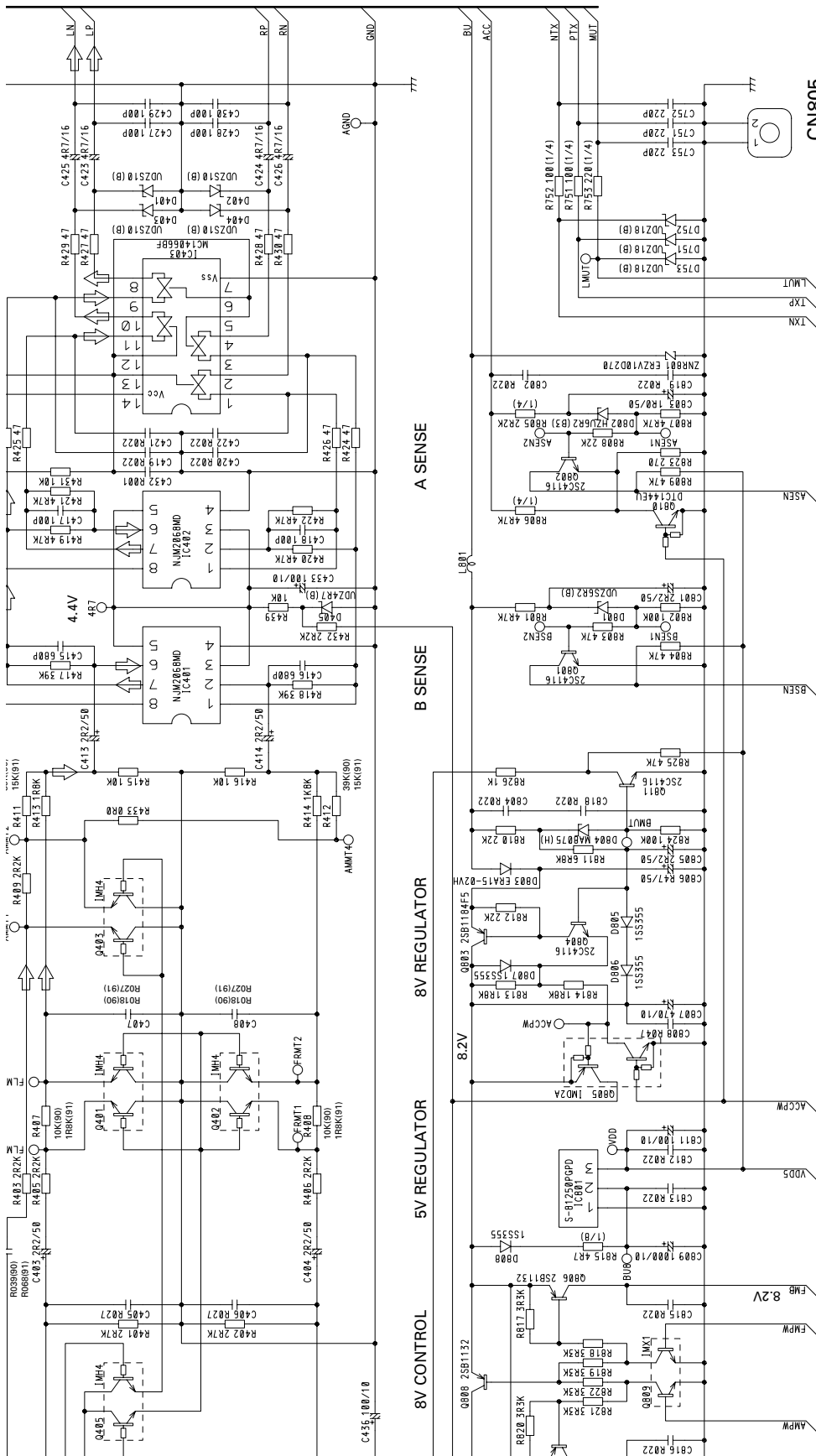
C

D



ZT/ES)
ZT/ES)

A-b

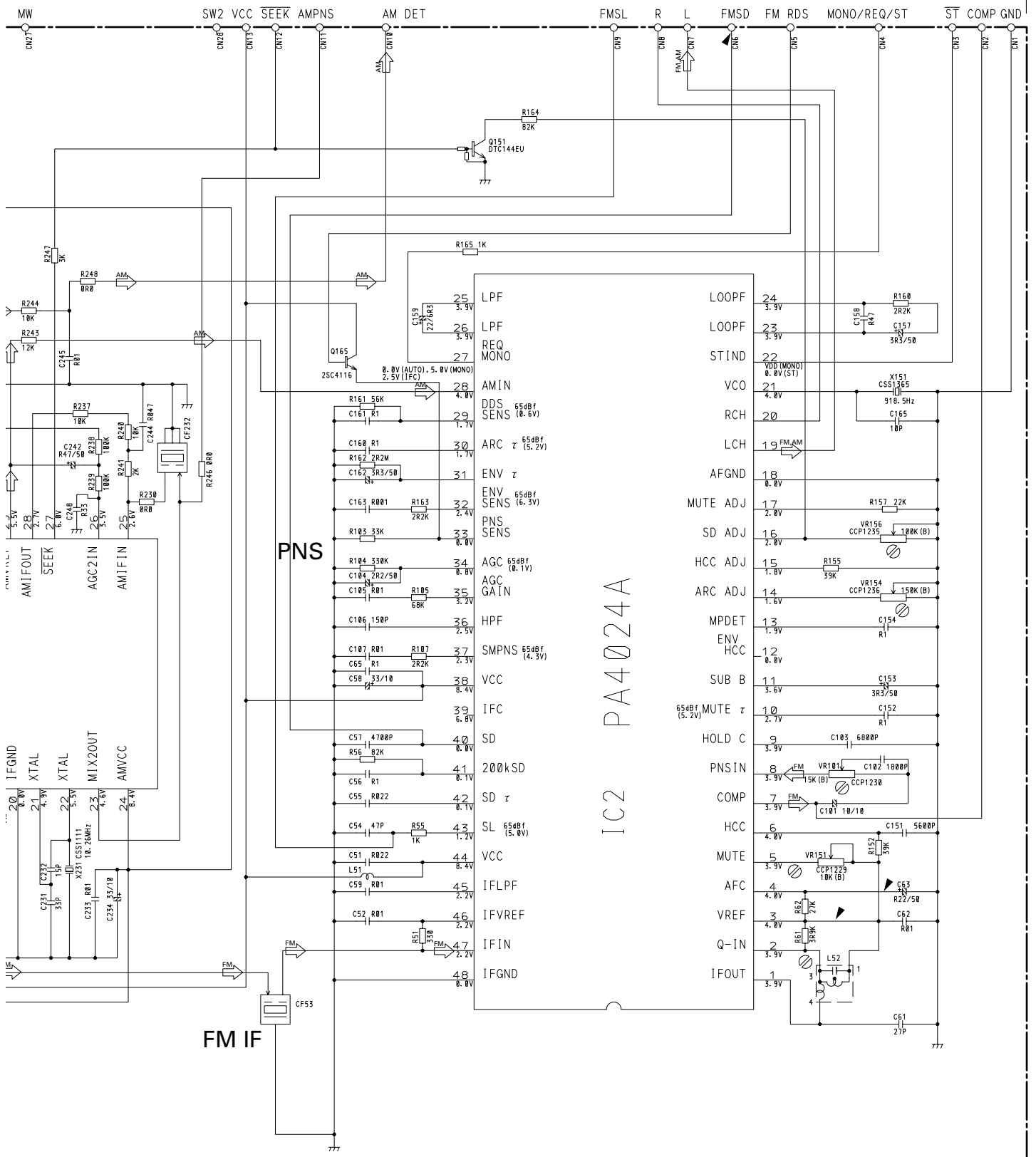


NOTE :

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

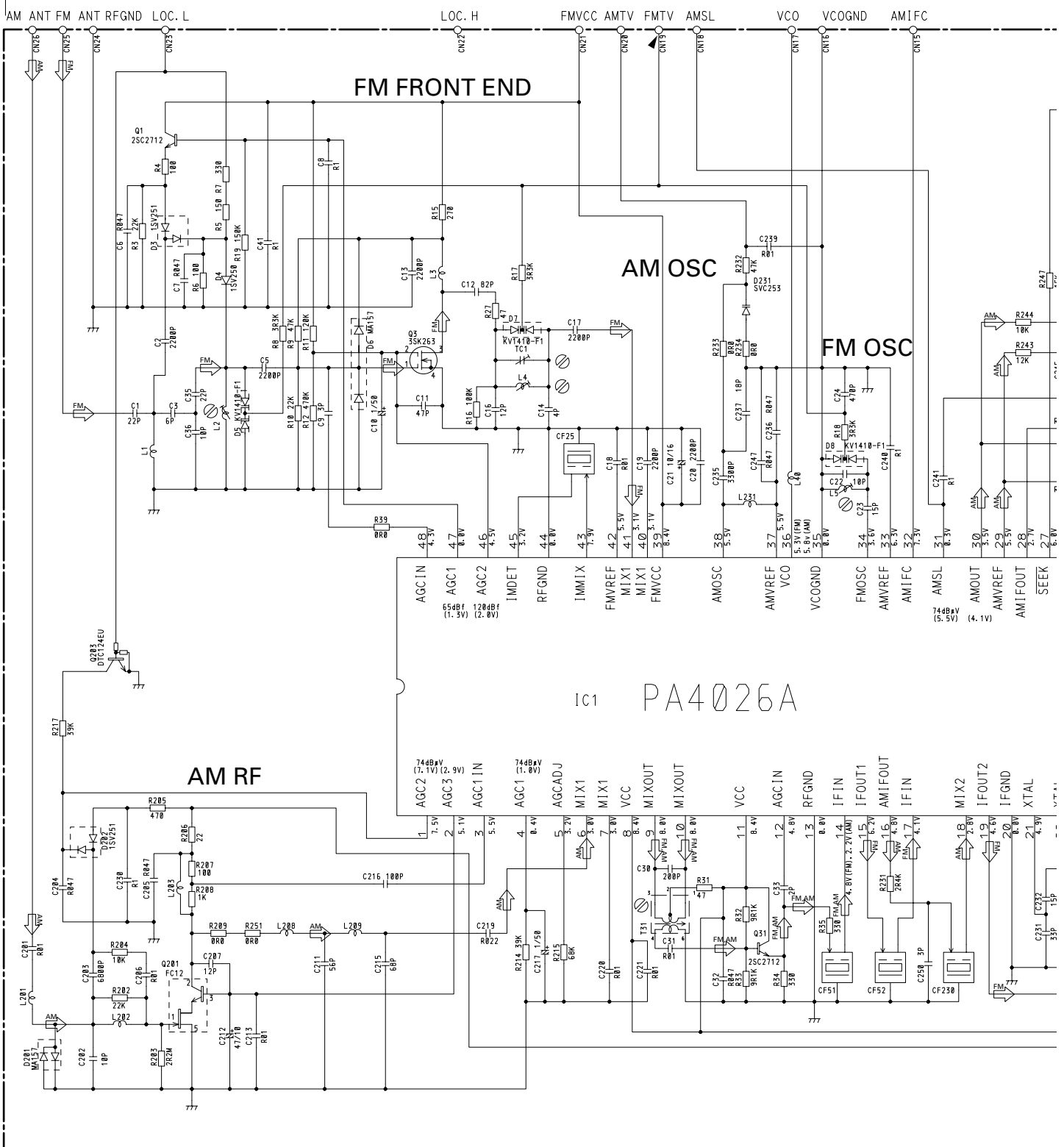
Decimal points for resistor and capacitor fixed values are expressed as:
2.2→2R2
0.022→R022

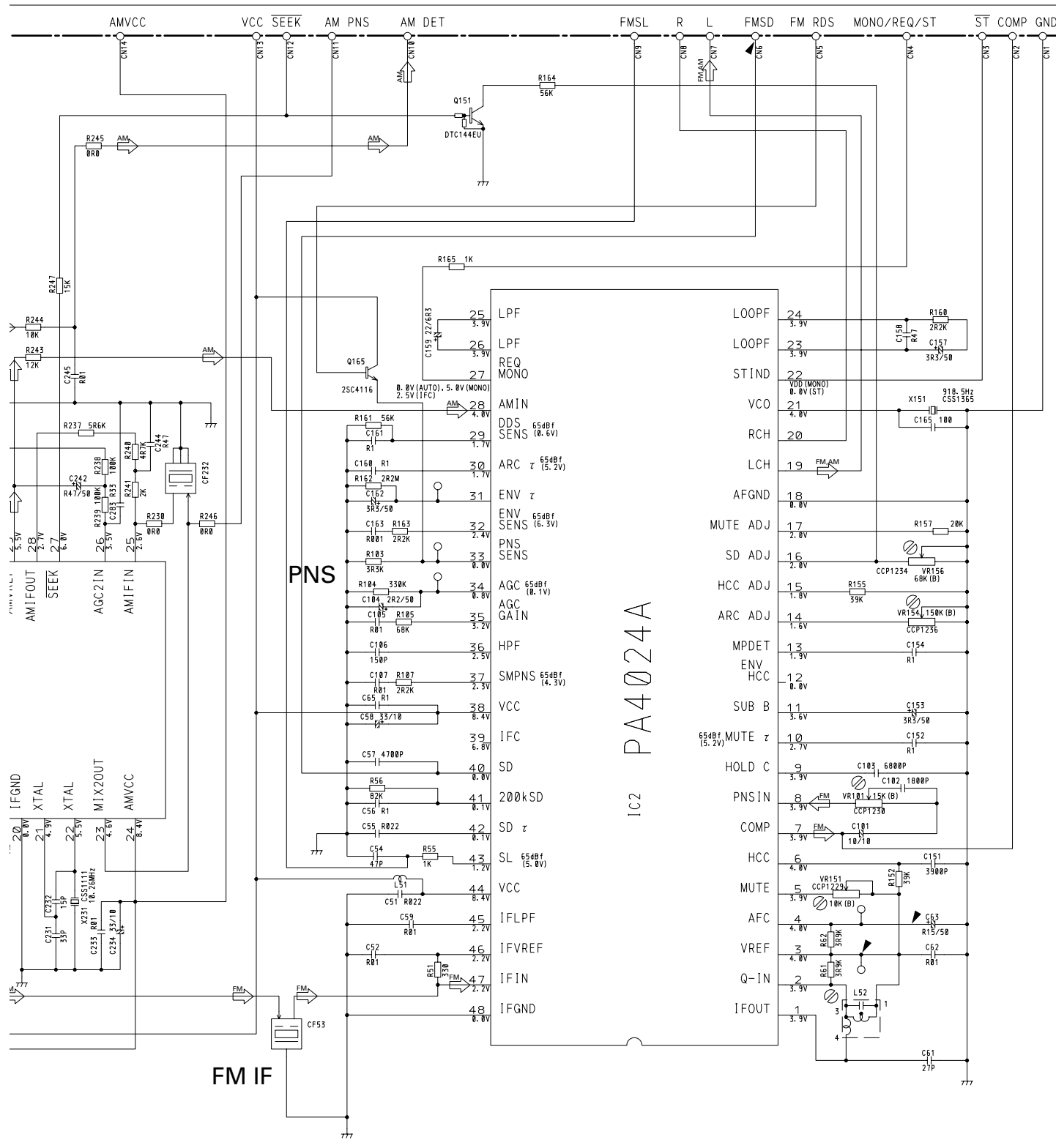
90 : GEX-T9006ZT/ES
91 : GEX-T9106ZT/ES



3.5 FM/AM TUNER UNIT(GEX-T9006ZT/EW)

FM/AM TUNER UNIT

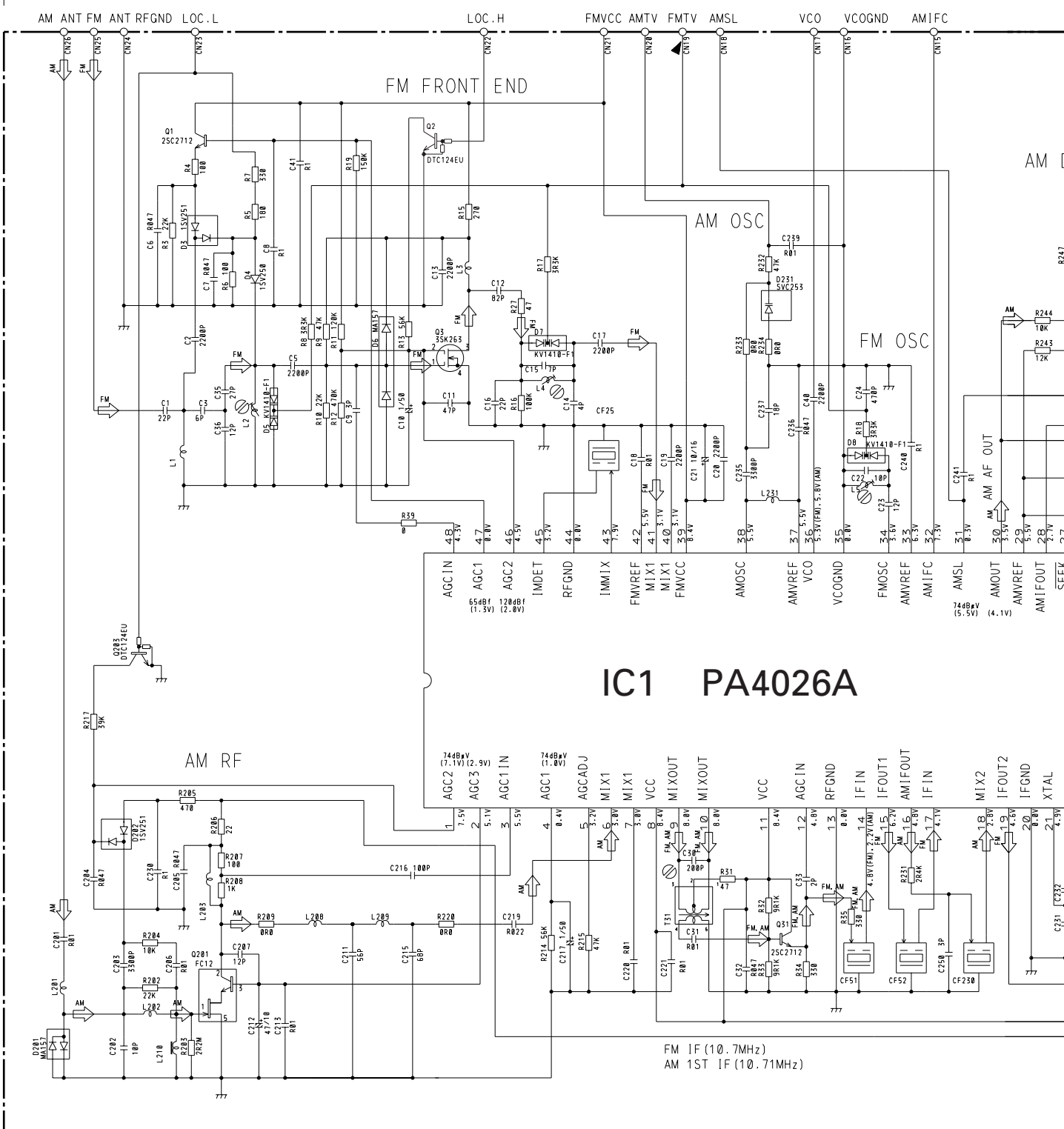


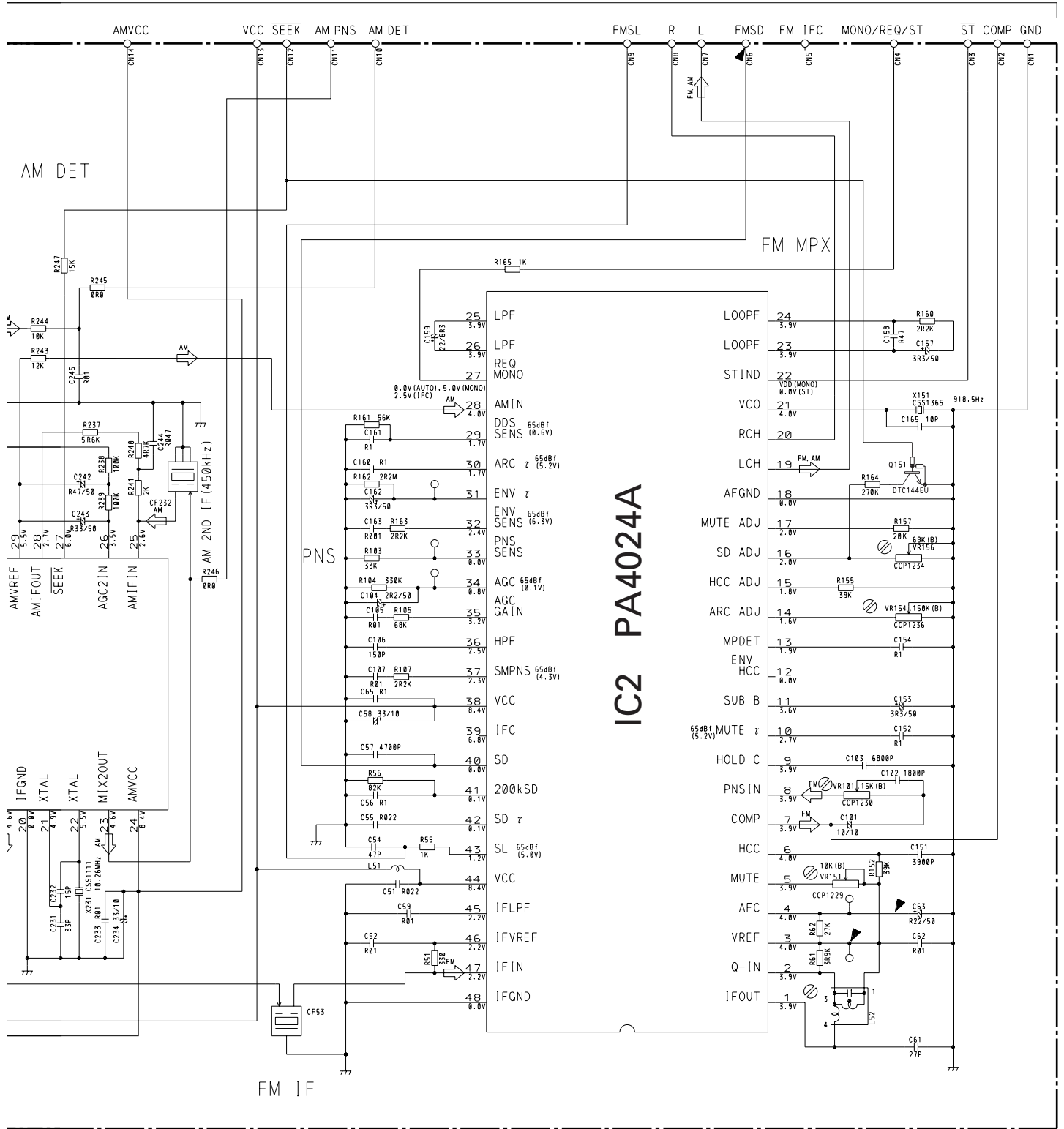


3.6 FM/AM TUNER UNIT(GEX-T9006ZT/ES)

A

B FM/AM TUNER UNIT

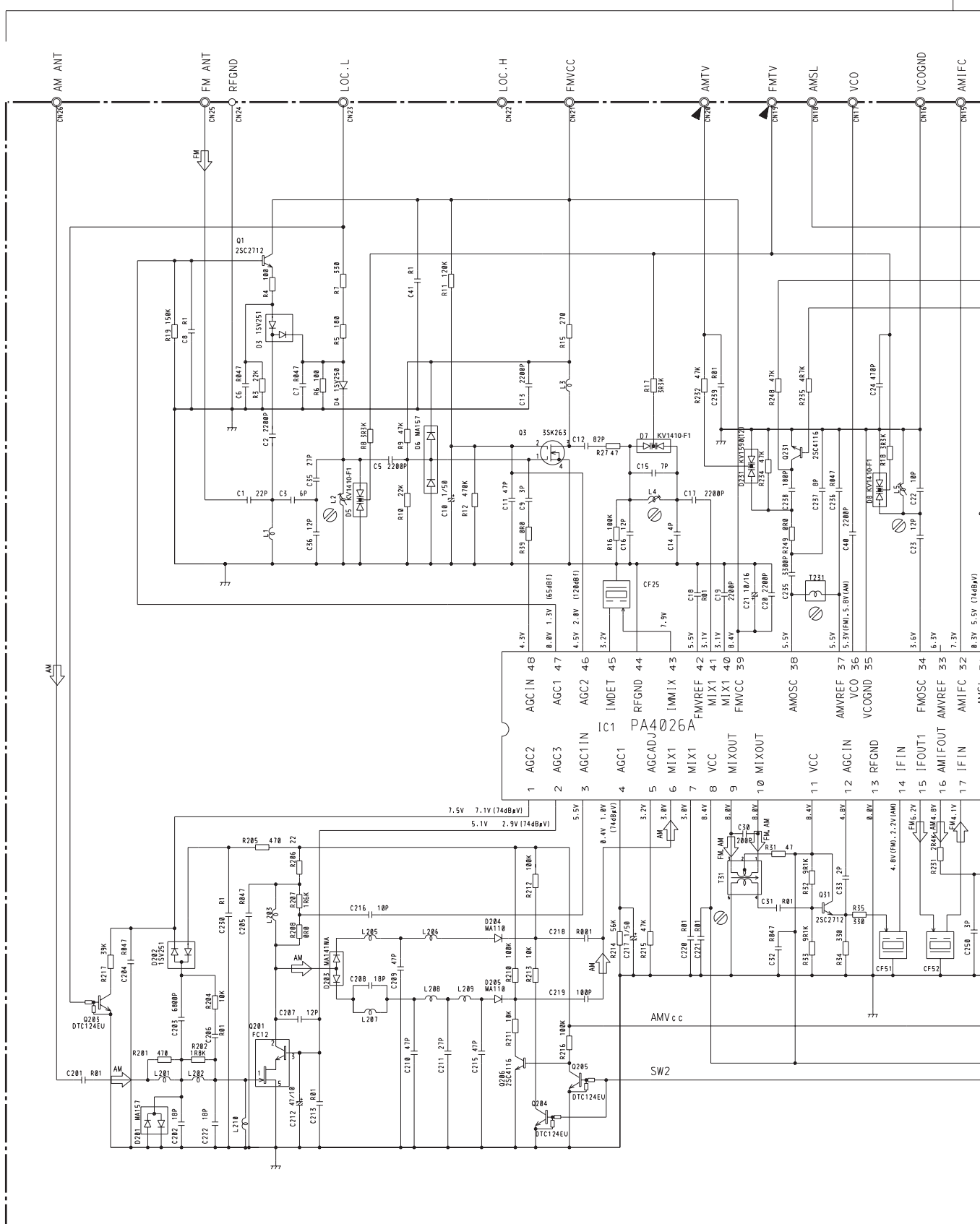


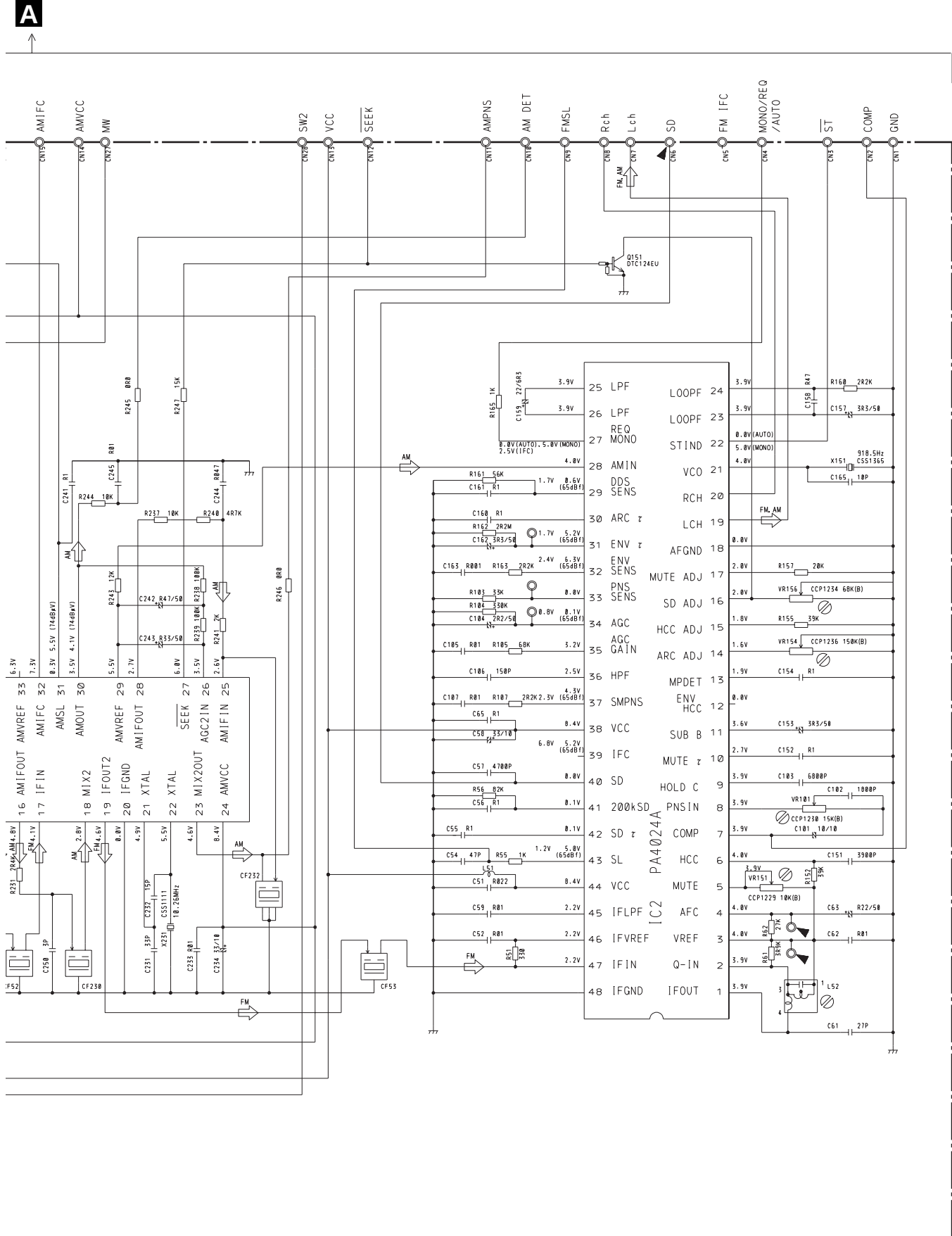


3.7 FM/AM TUNER UNIT(GEX-T9106ZT/ES)

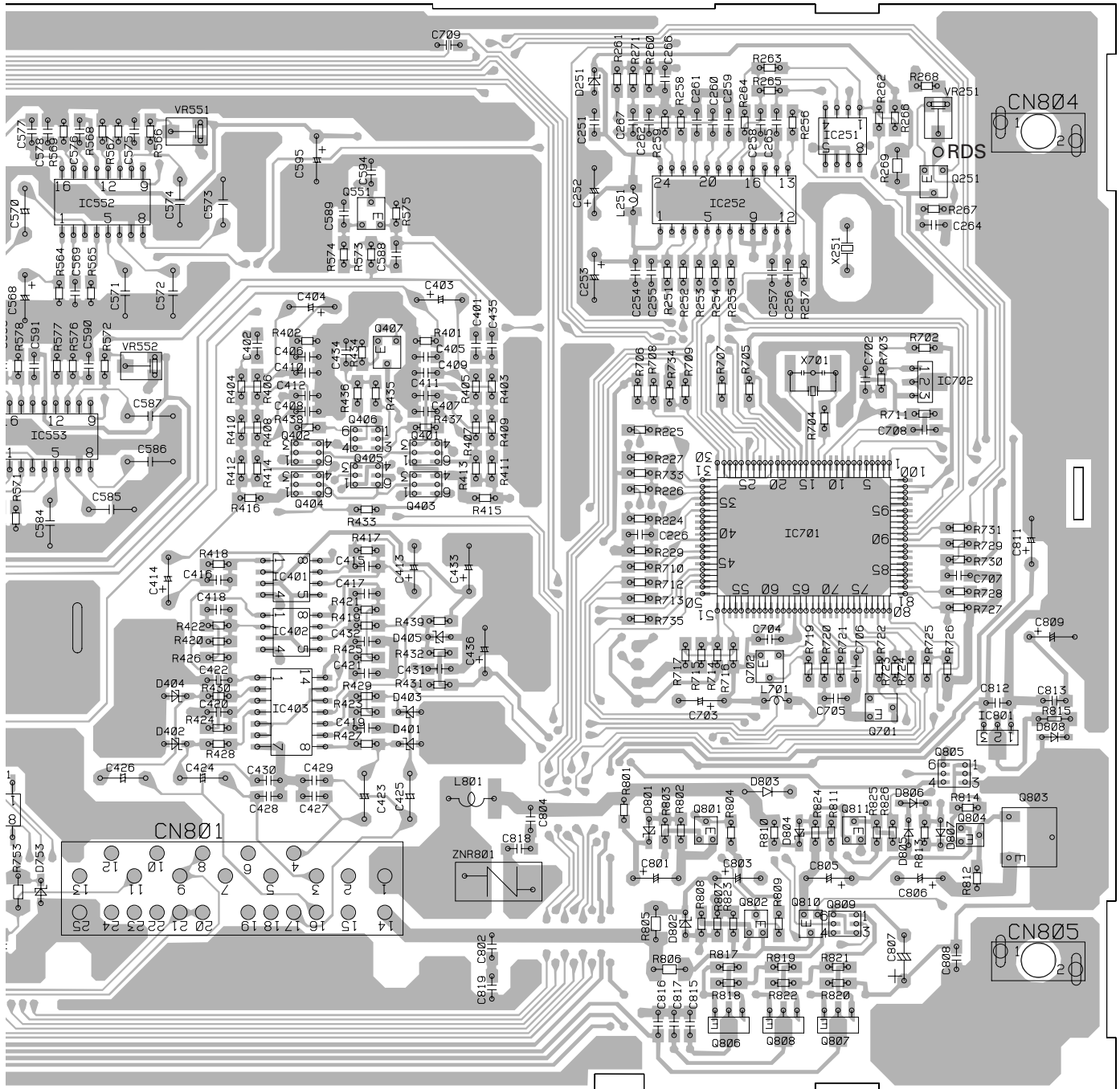
B FM/AM TUNER UNIT

A





SIDE A



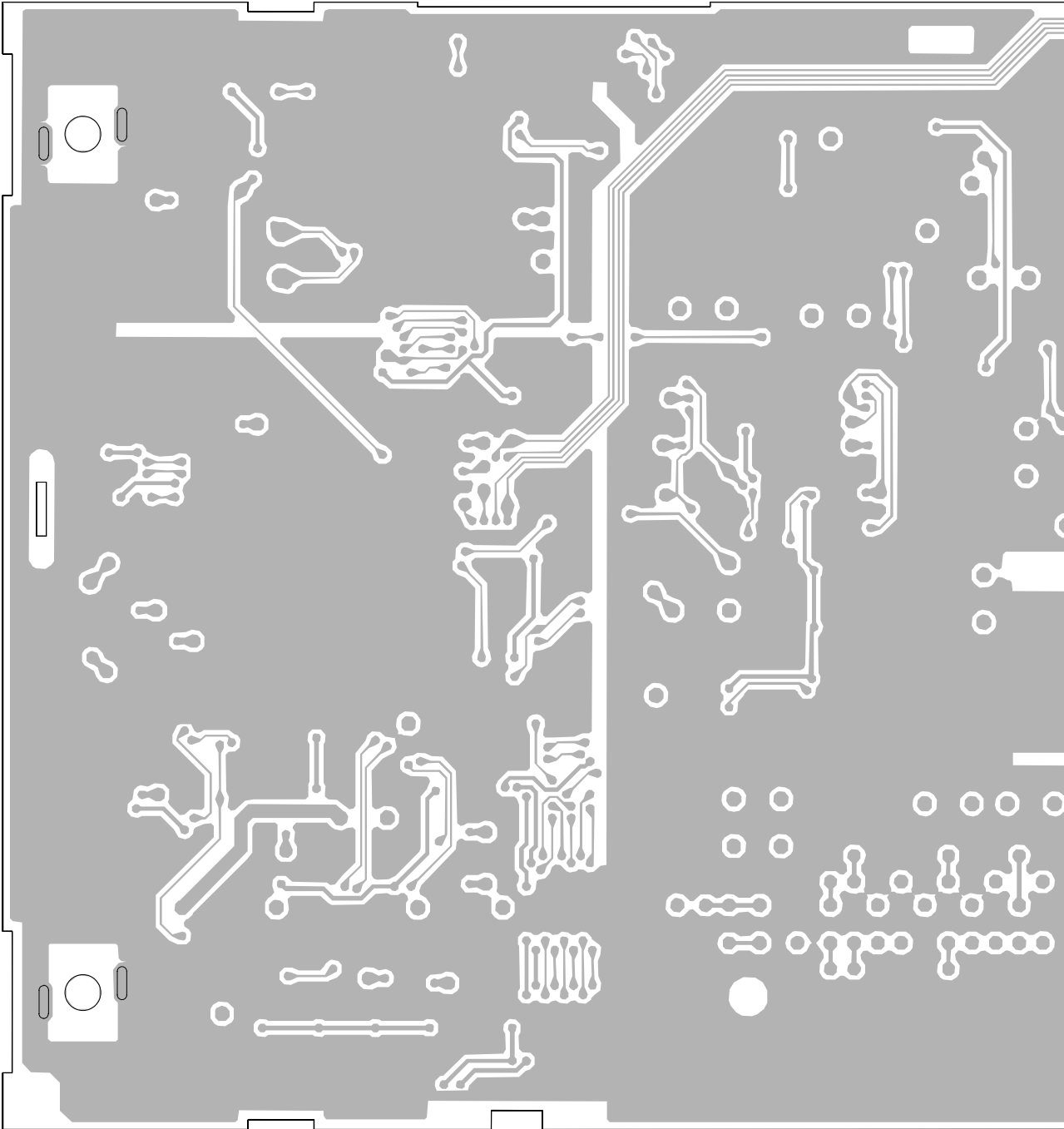
A

A CONTROL UNIT

B

C

D



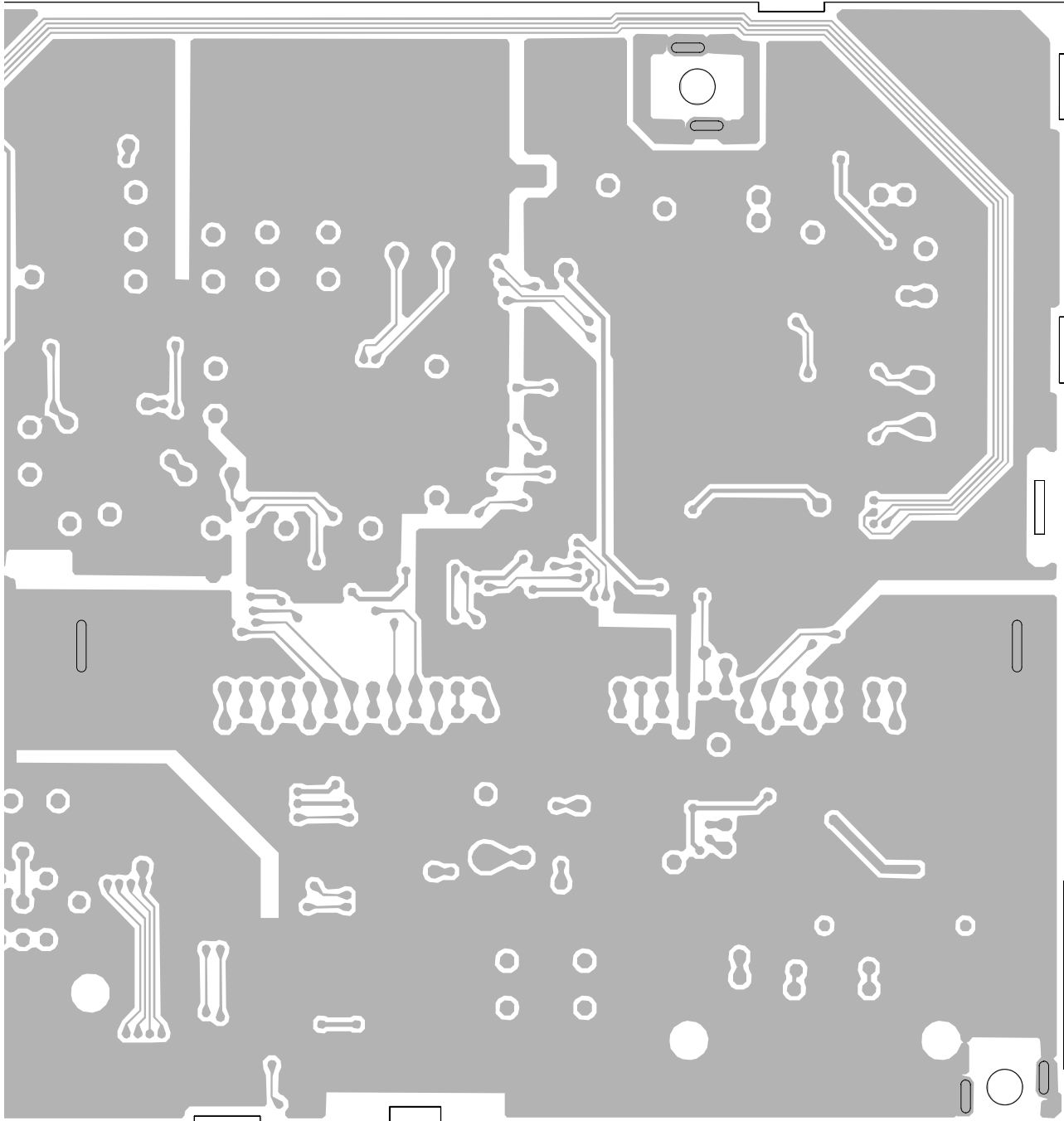
SIDE B

A

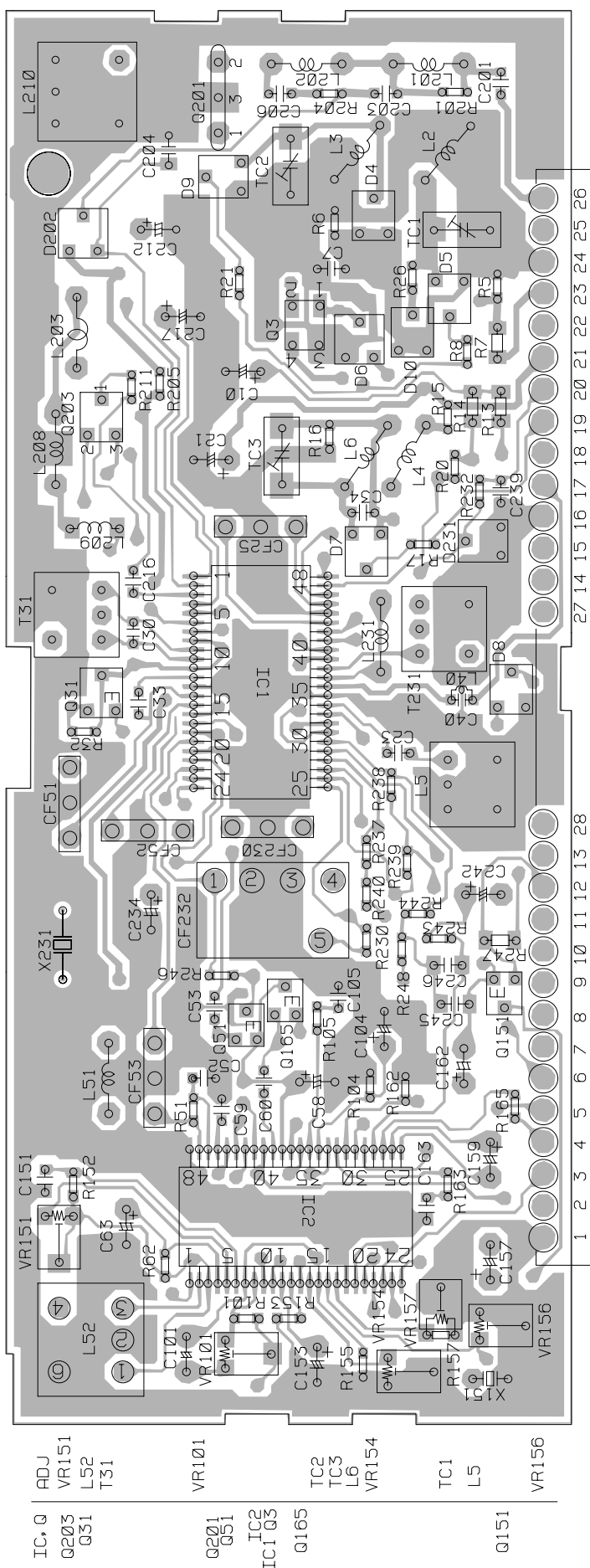
B

C

D



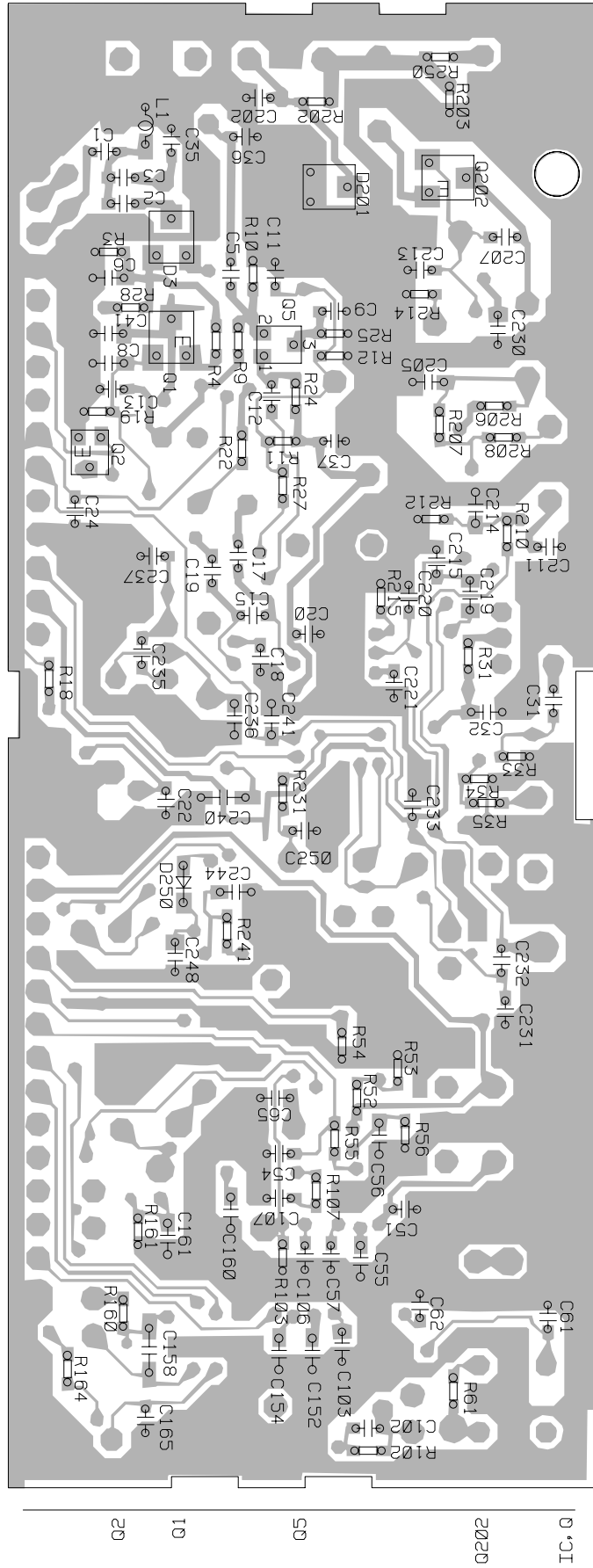
FM/AM TUNER UNIT



SIDE A

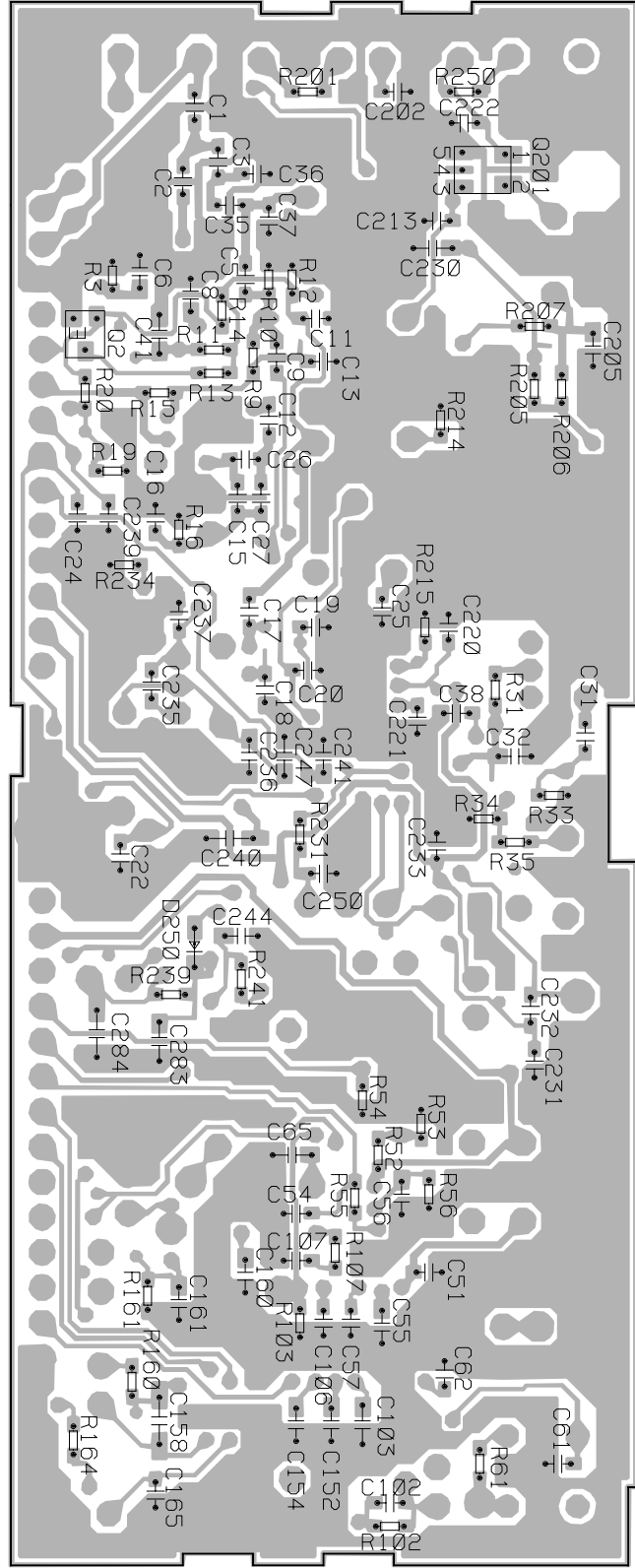
A

B FM/AM TUNER UNIT



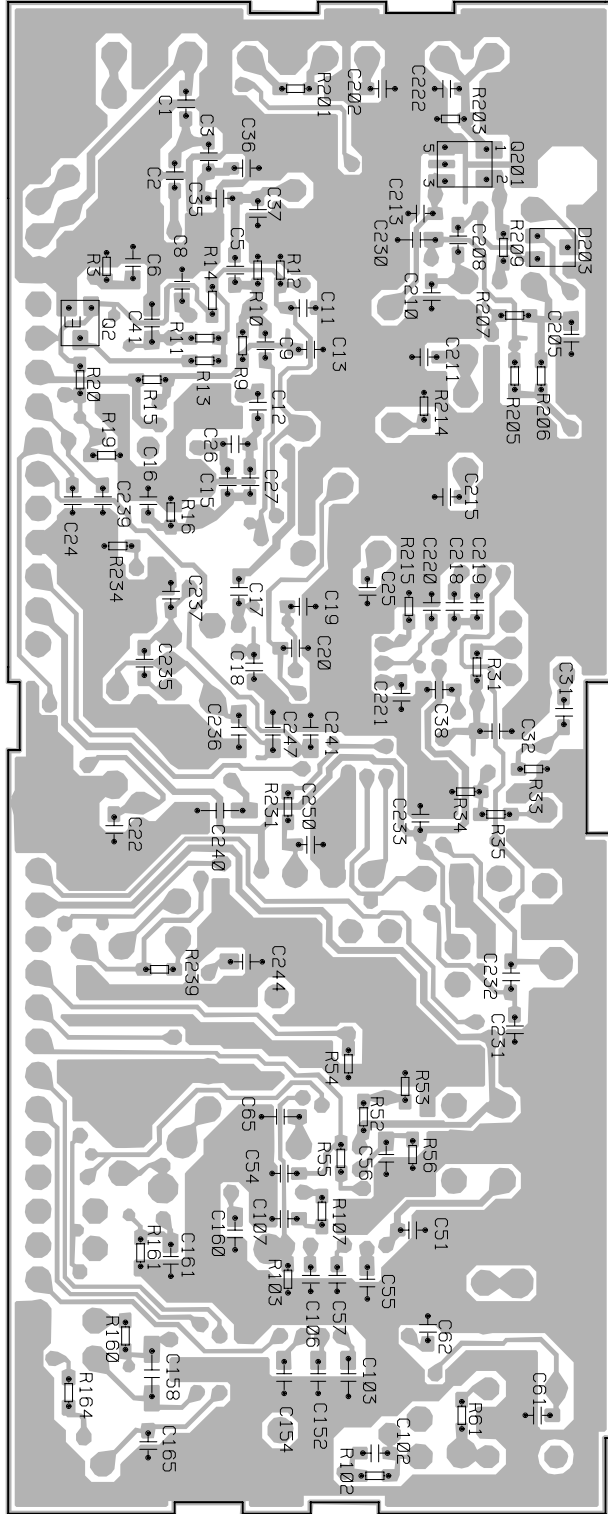
SIDE B

SIDE B



B FM/AM TUNER UNIT

SIDE B



B FM/AM TUNER UNIT

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

RS1/OSOOJ.RS1/OOSOOJ

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

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

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GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
R 216	RS1/10S561J	R 427	RS1/10S470J
R 217	RS1/10S682J	R 428	RS1/10S470J
R 218	RS1/10S472J	R 429	RS1/10S470J
R 219	RS1/10S152J	R 430	RS1/10S470J
R 220	RS1/10S392J	R 431	RS1/10S103J
R 221	RS1/10S222J	R 432	RS1/10S222J
R 222	RS1/10S392J	R 433	RS1/10S0R0J
R 223	RS1/10S272J	R 434	RS1/10S224J
R 224	RS1/10S102J	R 435	RS1/10S224J
R 225	RS1/10S102J	R 436	RS1/10S224J
R 226	RS1/10S102J	R 437	RS1/10S222J
R 227	RS1/10S102J	R 438	RS1/10S222J
R 228	RS1/10S472J	R 439	RS1/10S103J
R 229	RS1/10S473J	R 501	RS1/10S104J
R 230	RS1/10S222J	R 502	RS1/10S103J
R 231	RS1/10S105J	R 503	RS1/10S103J
R 232	RS1/10S153J	R 504	RS1/10S334J
R 233	RS1/16S151J	R 505	RS1/10S101J
R 234	RS1/16S821J	R 506	RS1/10S101J
R 235	RS1/16S0R0J	R 507	RS1/10S104J
R 238	RS1/10S473J	R 508	RS1/10S104J
R 251	RS1/10S102J	R 509	RS1/10S103J
R 252	RS1/10S102J	R 510	RS1/10S182J
R 253	RS1/10S102J	R 511	RS1/10S683J
R 254	RS1/10S102J	R 512	RS1/10S153J
R 255	RS1/10S102J	R 513	RS1/10S103J
R 256	RS1/10S102J	R 514	RS1/10S224J
R 257	RS1/10S102J	R 515	RS1/10S473J
R 258	RS1/10S0R0J	R 516	RS1/10S473J
R 259	RS1/10S333J	R 517	RS1/10S225J
R 260	RS1/10S104J	R 518	RS1/10S225J
R 261	RS1/10S104J	R 519	RS1/10S225J
R 262	RS1/10S681J	R 520	RS1/10S225J
R 263	RS1/10S684J	R 521	RS1/10S102J
R 264	RS1/10S222J	R 531	RS1/10S102J
R 265	RS1/10S222J	R 532	RS1/10S102J
R 266	RS1/10S562J	R 533	RS1/10S102J
R 267	RS1/10S222J	R 534	RS1/10S103J
R 268	RS1/10S102J	R 535	RS1/10S471J
R 269	RS1/4S151J	R 536	RS1/10S472J
R 271	RS1/10S562J	R 551	RS1/10S0R0J
R 401	RS1/10S272J	R 554	RS1/10S823J
R 402	RS1/10S272J	R 570	RS1/10S104J
R 403	RS1/10S222J	R 571	RS1/10S123J
R 405	RS1/10S222J	R 572	RS1/10S105J
R 406	RS1/10S222J	R 573	RS1/10S622J
R 407	RS1/10S103J	R 574	RS1/10S822J
R 408	RS1/10S103J	R 575	RS1/10S222J
R 409	RS1/10S222J	R 576	RS1/10S184J
R 411	RS1/10S473J	R 577	RS1/10S223J
R 412	RS1/10S473J	R 578	RS1/10S473J
R 413	RS1/10S182J	R 701	RS1/10S393J
R 414	RS1/10S182J	R 702	RS1/10S223J
R 415	RS1/10S103J	R 703	RS1/10S102J
R 416	RS1/10S103J	R 704	RS1/10S101J
R 417	RS1/10S393J	R 705	RS1/10S103J
R 418	RS1/10S393J	R 706	RS1/10S103J
R 419	RS1/10S472J	R 707	RS1/10S102J
R 420	RS1/10S472J	R 708	RS1/10S102J
R 421	RS1/10S472J	R 709	RS1/10S102J
R 422	RS1/10S472J	R 710	RS1/10S103J
R 423	RS1/10S470J	R 711	RS1/10S0R0J
R 424	RS1/10S470J	R 712	RS1/10S103J
R 425	RS1/10S470J	R 713	RS1/10S103J
R 426	RS1/10S470J	R 714	RS1/10S103J

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name			Part No.	====Circuit Symbol and No.==Part Name			Part No.
R	716		RS1/10S103J	C	226		CKSQYB102K50
R	719		RS1/10S472J	C	227		CKSQYB103K50
R	720		RS1/10S103J	C	228		CKSQYB223K50
R	721		RS1/10S103J	C	229		CKSQYB471K50
R	722		RS1/10S471J	C	230		CKSQYB102K50
R	723		RS1/10S102J	C	251		CKSQYB103K50
R	724		RS1/10S102J	C	252		CEJA4R7M25
R	725		RS1/10S392J	C	253		CEJA4R7M25
R	726		RS1/10S153J	C	254		CKSQYB104K50
R	727		RS1/10S223J	C	256		CCSQCH220J50
R	728		RS1/10S222J	C	257		CCSQCH220J50
R	729		RS1/10S102J	C	258		CKSQYB472K50
R	730		RS1/10S473J	C	259		CKSQYB104K50
R	731		RS1/10S102J	C	260		CKSQYB105K16
R	733		RS1/10S473J	C	261		CKSQYB104K50
R	734		RS1/10S105J	C	262		CKSQYB222K50
R	735		RS1/10S0R0J	C	264		CKSQYB103K50
R	751		RS1/4S101J	C	265		CKSQYB103K50
R	752		RS1/4S101J	C	266		CKSQYB223K50
R	753		RS1/4S221J	C	267		CKSQYB104K50
R	801		RS1/10S472J	C	403		CEANL2R2M50
R	802		RS1/10S104J	C	404		CEANL2R2M50
R	803		RS1/10S473J	C	405		CKSQYB273K50
R	804		RS1/10S473J	C	406		CKSQYB273K50
R	805		RS1/4S222J	C	407		CKSQYB392K50
R	806		RS1/4S472J	C	408		CKSQYB392K50
R	807		RS1/10S472J	C	413		CEANL2R2M50
R	808		RS1/10S223J	C	414		CEANL2R2M50
R	809		RS1/10S473J	C	415		CKSQYB681K50
R	810		RS1/10S223J	C	416		CKSQYB681K50
R	811		RS1/10S682J	C	417		CCSQCH101J50
R	812		RS1/10S223J	C	418		CCSQCH101J50
R	813		RS1/10S182J	C	419		CKSQYB223K50
R	814		RS1/10S182J	C	420		CKSQYB223K50
R	815		RS1/8S4R7J	C	421		CKSQYB223K50
R	817		RS1/10S332J	C	422		CKSQYB223K50
R	818		RS1/10S332J	C	423		CEJANP4R7M16
R	819		RS1/10S332J	C	424		CEJANP4R7M16
R	820		RS1/10S332J	C	425		CEJANP4R7M16
R	821		RS1/10S332J	C	426		CEJANP4R7M16
R	822		RS1/10S332J	C	427		CCSQCH101J50
R	823		RS1/10S271J	C	428		CCSQCH101J50
R	824		RS1/10S104J	C	429		CCSQCH101J50
R	825		RS1/10S473J	C	430		CCSQCH101J50
R	826		RS1/10S102J	C	431		CKSQYB104K50
CAPACITORS				C	432		CKSQYB102K50
				C	433		CEAS101M10
C	201		CKSQYB103K50	C	434		CKSQYB223K50
C	202		CKSQYB103K50	C	435		CKSQYB224K16
C	203		CKSYB473K50	C	436		CEAS101M10
C	205		CCSQCH101J50				
C	206		CKSQYB223K50	C	501		CKSQYB222K50
				C	502		CKSQYB222K50
C	207		CKSQYB473K50	C	503		CKSQYB222K50
C	208		CEAS101M10	C	504		CKSQYB222K50
C	209		CEAS220M10	C	507		CKSQYB103K50
C	210		CKSQYB103K50				
C	211		CKSQYB103K50	C	508		CKSQYB103K50
				C	509		CEJA100M16
C	212		CEAS220M10	C	510		CKSQYB472K50
C	213		CKSQYB103K50	C	511		CEJA100M16
C	215	4.7μF/10V	CCH1280	C	512		CKSQYB473K50
C	216		CKSQYB103K50				
C	218		CGCYX473K25	C	513		CEJA2R2M50
				C	514		CKSQYB102K50
C	220		CKSQYB103K50	C	515		CKSQYB103K50
C	221	4.7μF/10V	CCH1280	C	516		CKSQYB103K50
C	223		CKSQYB103K50	C	517		CKSQYB392K50
C	224		CCSQCH150J50				
C	225		CCSQCH120J50				

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name			Part No.	====Circuit Symbol and No.==Part Name			Part No.
C	566		CEAS470M10	Q	402	Transistor	IMH4
C	581		CEJA3R3M50	Q	403	Transistor	IMH4
C	582		CKSQYB333K50	Q	405	Transistor	IMH4
C	583		CEJANP1R0M50	Q	406	Transistor	IMX1
C	584		CQMA683J50	Q	407	Chip Transistor	2SC2712
C	585		CQMA333J50	Q	501	Transistor	IMX1
C	586		CQMA333J50	Q	502	Chip Transistor	2SC2712
C	587		CQMA333J50	Q	503	Transistor	2SB1132
C	588		CKSQYB393K50	Q	504	Transistor	2SB1132
C	589		CKSQYB682K50	Q	505	Chip Transistor	2SC2712
C	590		CKSQYB682K50	Q	506	Chip Transistor	2SC2712
C	591		CKSQYB392K50	Q	551	Chip Transistor	2SC2712
C	592		CKSQYB102K50	Q	701	Transistor	DTC114EK
C	593		CKSQYB334K16	Q	702	Transistor	DTA144EK
C	594		CKSQYB473K50	Q	801	Transistor	2SC4116
C	595		CEAS470M10	Q	802	Transistor	2SC4116
C	701		CKSQYB472K50	Q	803	Transistor	2SB1184F5
C	702		CKSQYB223K50	Q	804	Transistor	2SC4116
C	703		CEAS470M10	Q	805	Transistor	IMD2A
C	704		CKSQYB103K50	Q	806	Transistor	2SB1132
C	705		CKSQYB473K50	Q	807	Transistor	2SB1132
C	706		CKSQYB473K50	Q	808	Transistor	2SB1132
C	707		CKSQYB102K50	Q	809	Transistor	IMX1
C	708		CKSQYB103K50	Q	810	Transistor	DTC144EU
C	709		CKSQYB102K50	Q	811	Transistor	2SC4116
C	751		CKSQYB221K50	D	201	Diode	1SS355
C	752		CKSQYB221K50	D	251	Diode	UDZS5R1(B)
C	753		CKSQYB221K50	D	401	Diode	UDZS10(B)
C	754		CKSQYB223K50	D	402	Diode	UDZS10(B)
C	801		CEJA2R2M50	D	403	Diode	UDZS10(B)
C	802		CKSQYB223K50	D	404	Diode	UDZS10(B)
C	803		CEJA1R0M50	D	405	Diode	UDZ4R7(B)
C	804		CKSQYB223K50	D	501	Diode	1SV241
C	805		CEJA2R2M50	D	502	Diode	1SV241
C	806		CEJAR47M50	D	503	Diode	1SS355
C	807		CEAS471M10	D	504	Diode	ERA15-02VH
C	808		CKSQYB473K50	D	505	Diode	ERA15-02VH
C	809		CEAS102M10	D	507	Diode	1SS355
C	811		CEAS101M10	D	508	Diode	1SS355
C	812		CKSQYB223K50	D	509	Diode	1SS355
C	813		CKSQYB223K50	D	510	Diode	1SS355
C	815		CKSQYB223K50	D	701	Diode	1SS355
C	816		CKSQYB223K50	D	702	Diode	1SS355
C	817		CKSQYB223K50	D	751	Diode	UDZ18(B)
C	818		CKSQYB223K50	D	752	Diode	UDZ18(B)
C	819		CKSQYB223K50	D	753	Diode	UDZ18(B)
A Unit Number : CWM6592(GEX-T9006ZT/EW) Unit Name : Control Unit				D	801	Diode	UDZS6R2(B)
				D	802	Diode	HZU6R2(B3)
				D	803	Diode	ERA15-02VH
				D	804	Diode	MA8075(H)
				D	805	Diode	1SS355
MISCELLANEOUS				D	806	Diode	1SS355
IC	201	IC	PM2007A	D	807	Diode	1SS355
IC	251	IC	NJM2903M	D	808	Diode	1SS355
IC	252	IC	PM4006B	ZNR	801	Surge Absorber	1SS355
IC	401	IC	NJM2068MD				ERZV10D270
IC	402	IC	NJM2068MD	L	201	Chip-Inductor	LCTA2R2J3225
IC	403	IC	MC14066BF	L	202	Inductor	LCTA4R7J3225
IC	501	IC	LA1061M	L	251	Inductor	LCTA101J3225
IC	553	IC	HA12181FP	L	501	Inductor	LCTA4R7J3225
IC	701	IC	PD5552A	L	502	Inductor	LCTA4R7J3225
IC	702	IC	S-80730ANDT	L	503	Inductor	LCTA4R7J3225
IC	751	IC	HA12187FP	L	504	Inductor	LCTB4R7K3216
IC	801	IC	S-81250PGPD	L	505	Chip-Inductor	LCTA2R2J3225
Q	201	Chip Transistor	2SC2712	L	506	Inductor	LCTB2R2K3216
Q	251	Transistor	DTC143TK	L	511	Inductor	LCTB6R8K3216
Q	401	Transistor	IMH4				

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name			Part No.	====Circuit Symbol and No.==Part Name			Part No.
L	512	Inductor	LCTB6R8K3216	R	266		RS1/10S562J
L	513	Inductor	LCTB6R8K3216	R	267		RS1/10S222J
L	515	Inductor	LCTA4R7J3225	R	268		RS1/10S102J
L	516	Inductor	LCTA561J4532	R	269		RS1/4S151J
L	701	Inductor	LCTA4R7J3225	R	271		RS1/10S562J
L	751	Inductor	LCTA101J3225	R	401		RS1/10S272J
L	801	Inductor	CTF1250	R	402		RS1/10S272J
CG	501	Surge Protector	DSP-201M-A21F	R	403		RS1/10S222J
CG	502	Surge Protector	DSP-201M-A21F	R	405		RS1/10S222J
X	201	Crystal Resonator 7.200MHz	CSS1379	R	406		RS1/10S222J
X	251	Crystal Resonator 4.332MHz	CSS1056	R	407		RS1/10S182J
X	701	Radiator 10.00MHz	CSS1428	R	408		RS1/10S182J
VR	251	Semifixed Resistor 2.2kΩ(B)	CCP1392	R	409		RS1/10S222J
VR	552	Semifixed Resistor 10kΩ(B)	CCP1396	R	411		RS1/10S183J
		FM/AM Tuner Unit	CWE1542	R	412		RS1/10S183J
RESISTORS				R	413		RS1/10S182J
R	201		RS1/10S0R0J	R	414		RS1/10S182J
R	202		RS1/10S102J	R	415		RS1/10S103J
R	203		RS1/10S222J	R	416		RS1/10S103J
R	204		RS1/10S222J	R	417		RS1/10S393J
R	205		RS1/10S683J	R	418		RS1/10S393J
R	206		RS1/10S473J	R	419		RS1/10S472J
R	207		RS1/10S102J	R	420		RS1/10S472J
R	208		RS1/10S102J	R	421		RS1/10S472J
R	209		RS1/10S103J	R	422		RS1/10S472J
R	210		RS1/10S472J	R	423		RS1/10S470J
R	211		RS1/10S682J	R	424		RS1/10S470J
R	212		RS1/10S222J	R	425		RS1/10S470J
R	213		RS1/10S682J	R	426		RS1/10S470J
R	214		RS1/10S102J	R	427		RS1/10S470J
R	215		RS1/10S472J	R	428		RS1/10S470J
R	216		RS1/10S561J	R	429		RS1/10S470J
R	217		RS1/10S682J	R	430		RS1/10S470J
R	218		RS1/10S472J	R	431		RS1/10S103J
R	219		RS1/10S152J	R	432		RS1/10S222J
R	220		RS1/10S392J	R	433		RS1/10S0R0J
R	221		RS1/10S222J	R	434		RS1/10S224J
R	222		RS1/10S392J	R	435		RS1/10S224J
R	223		RS1/10S272J	R	436		RS1/10S224J
R	224		RS1/10S102J	R	437		RS1/10S222J
R	225		RS1/10S102J	R	438		RS1/10S222J
R	226		RS1/10S102J	R	439		RS1/10S103J
R	227		RS1/10S102J	R	501		RS1/10S104J
R	228		RS1/10S472J	R	502		RS1/10S103J
R	229		RS1/10S473J	R	503		RS1/10S103J
R	230		RS1/10S222J	R	504		RS1/10S334J
R	231		RS1/10S105J	R	505		RS1/10S101J
R	232		RS1/10S153J	R	506		RS1/10S101J
R	233		RS1/16S151J	R	507		RS1/10S104J
R	234		RS1/16S821J	R	508		RS1/10S104J
R	235		RS1/16S0R0J	R	509		RS1/10S103J
R	251		RS1/10S102J	R	510		RS1/10S182J
R	252		RS1/10S102J	R	511		RS1/10S683J
R	253		RS1/10S102J	R	512		RS1/10S153J
R	254		RS1/10S102J	R	513		RS1/10S103J
R	255		RS1/10S102J	R	514		RS1/10S224J
R	256		RS1/10S102J	R	515		RS1/10S473J
R	257		RS1/10S102J	R	516		RS1/10S473J
R	258		RS1/10S0R0J	R	517		RS1/10S225J
R	259		RS1/10S333J	R	518		RS1/10S225J
R	260		RS1/10S104J	R	519		RS1/10S225J
R	261		RS1/10S104J	R	520		RS1/10S225J
R	262		RS1/10S681J	R	521		RS1/10S102J
R	263		RS1/10S684J	R	522		RS1/10S103J
R	264		RS1/10S222J	R	523		RS1/10S103J
R	265		RS1/10S222J				

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
R 524	RS1/10S682J	R 807	RS1/10S472J
R 525	RS1/10S473J	R 808	RS1/10S223J
R 526	RS1/10S683J	R 809	RS1/10S473J
R 527	RS1/10S473J	R 810	RS1/10S223J
R 528	RS1/10S473J	R 811	RS1/10S682J
R 529	RS1/10S103J	R 812	RS1/10S223J
R 530	RS1/10S103J	R 813	RS1/10S182J
R 531	RS1/10S102J	R 814	RS1/10S182J
R 532	RS1/10S102J	R 815	RS1/8S4R7J
R 533	RS1/10S102J	R 817	RS1/10S332J
R 534	RS1/10S103J	R 818	RS1/10S332J
R 535	RS1/10S471J	R 819	RS1/10S332J
R 536	RS1/10S472J	R 820	RS1/10S332J
R 539	RS1/10S472J	R 821	RS1/10S332J
R 551	RS1/10S0R0J	R 822	RS1/10S332J
R 554	RS1/10S823J	R 823	RS1/10S271J
R 570	RS1/10S104J	R 824	RS1/10S104J
R 571	RS1/10S123J	R 825	RS1/10S473J
R 572	RS1/10S105J	R 826	RS1/10S102J
R 573	RS1/10S622J		
R 574	RS1/10S822J	CAPACITORS	
R 575	RS1/10S222J	C 201	CKSQYB103K50
R 576	RS1/10S184J	C 202	CKSQYB103K50
R 577	RS1/10S223J	C 203	CKSYB473K50
R 578	RS1/10S473J	C 205	CCSQCH101J50
		C 206	CKSQYB223K50
R 701	RS1/10S393J		
R 702	RS1/10S223J	C 207	CKSQYB473K50
R 703	RS1/10S102J	C 208	CEAS101M10
R 704	RS1/10S101J	C 209	CEAS220M10
R 705	RS1/10S103J	C 210	CKSQYB103K50
		C 211	CKSQYB103K50
R 706	RS1/10S103J		
R 707	RS1/10S102J	C 212	CEAS220M10
R 708	RS1/10S102J	C 213	CKSQYB103K50
R 709	RS1/10S102J	C 215	CCH1280
R 710	RS1/10S103J	C 216	CKSQYB103K50
		C 218	CGCYX473K25
R 711	RS1/10S0R0J		
R 712	RS1/10S103J	C 220	CKSQYB103K50
R 713	RS1/10S103J	C 221	CCH1280
R 714	RS1/10S103J	C 222	CEJAR47M50
R 716	RS1/10S103J	C 223	CKSQYB103K50
		C 224	CCSQCH150J50
R 719	RS1/10S472J		
R 720	RS1/10S103J	C 225	CCSQCH120J50
R 721	RS1/10S103J	C 226	CKSQYB102K50
R 722	RS1/10S471J	C 227	CKSQYB103K50
R 723	RS1/10S102J	C 228	CKSQYB223K50
		C 229	CKSQYB471K50
R 724	RS1/10S102J		
R 725	RS1/10S392J	C 230	CKSQYB102K50
R 726	RS1/10S153J	C 251	CKSQYB103K50
R 727	RS1/10S223J	C 252	CEJA4R7M25
R 728	RS1/10S222J	C 253	CEJA4R7M25
		C 254	CKSQYB104K50
R 729	RS1/10S102J		
R 730	RS1/10S473J	C 256	CCSQCH220J50
R 731	RS1/10S102J	C 257	CCSQCH220J50
R 733	RS1/10S473J	C 258	CKSQYB472K50
R 734	RS1/10S105J	C 259	CKSQYB104K50
		C 260	CKSQYB105K16
R 735	RS1/10S0R0J		
R 751	RS1/4S101J	C 261	CKSQYB104K50
R 752	RS1/4S101J	C 262	CKSQYB222K50
R 753	RS1/4S221J	C 264	CKSQYB103K50
R 801	RS1/10S472J	C 265	CKSQYB103K50
		C 266	CKSQYB223K50
R 802	RS1/10S104J		
R 803	RS1/10S473J	C 267	CKSQYB104K50
R 804	RS1/10S473J	C 403	CEANL2R2M50
R 805	RS1/4S222J	C 404	CEANL2R2M50
R 806	RS1/4S472J	C 405	CKSQYB273K50
		C 406	CKSQYB273K50

====Circuit Symbol and No.===Part Name	Part No.	====Circuit Symbol and No.===Part Name	Part No.
C 407	CKSQYB563K25	C 704	CKSQYB103K50
C 408	CKSQYB563K25	C 705	CKSQYB473K50
C 413	CEANL2R2M50	C 706	CKSQYB473K50
C 414	CEANL2R2M50	C 707	CKSQYB102K50
C 415	CKSQYB681K50	C 708	CKSQYB103K50
C 416	CKSQYB681K50	C 709	CKSQYB102K50
C 417	CCSQCH101J50	C 751	CKSQYB221K50
C 418	CCSQCH101J50	C 752	CKSQYB221K50
C 419	CKSQYB223K50	C 753	CKSQYB221K50
C 420	CKSQYB223K50	C 754	CKSQYB223K50
C 421	CKSQYB223K50	C 801	CEJA2R2M50
C 422	CKSQYB223K50	C 802	CKSQYB223K50
C 423	CEJANP4R7M16	C 803	CEJA1R0M50
C 424	CEJANP4R7M16	C 804	CKSQYB223K50
C 425	CEJANP4R7M16	C 805	CEJA2R2M50
C 426	CEJANP4R7M16	C 806	CEJAR47M50
C 427	CCSQCH101J50	C 807	CEAS471M10
C 428	CCSQCH101J50	C 808	CKSQYB473K50
C 429	CCSQCH101J50	C 809	CEAS102M10
C 430	CCSQCH101J50	C 811	CEAS101M10
C 431	CKSQYB104K50	C 812	CKSQYB223K50
C 432	CKSQYB102K50	C 813	CKSQYB223K50
C 433	CEAS101M10	C 815	CKSQYB223K50
C 434	CKSQYB223K50	C 816	CKSQYB223K50
C 435	CKSQYB224K16	C 817	CKSQYB223K50
C 436	CEAS101M10	C 818	CKSQYB223K50
C 501	CKSQYB222K50	C 819	CKSQYB223K50
C 502	CKSQYB222K50		
C 503	CKSQYB222K50		
C 504	CKSQYB222K50		
C 507	CKSQYB103K50		
C 508	CKSQYB103K50		
C 509	CEJA100M16		
C 510	CKSQYB472K50		
C 511	CEJA100M16		
C 512	CKSQYB473K50		
C 513	CEJA2R2M50		
C 514	CKSQYB102K50		
C 515	CKSQYB103K50		
C 516	CKSQYB103K50		
C 517	CKSQYB392K50		
C 518	CKSQYB103K50		
C 519	CKSQYB103K50		
C 520	CKSQYB103K50		
C 521	CKSQYB103K50		
C 522	CKSQYB103K50		
C 566	CEAS470M10		
C 581	CEJA3R3M50		
C 582	CKSQYB333K50		
C 583	CEJANP1R0M50		
C 584	CQMA683J50		
C 585	CQMA333J50		
C 586	CQMA333J50		
C 587	CQMA333J50		
C 588	CKSQYB393K50		
C 589	CKSQYB682K50		
C 590	CKSQYB682K50		
C 591	CKSQYB392K50		
C 592	CKSQYB102K50		
C 593	CKSQYB334K16		
C 594	CKSQYB473K50		
C 595	CEAS470M10		
C 701	CKSQYB472K50		
C 702	CKSQYB223K50		
C 703	CEAS470M10		

A

Unit Number : CWM6594(GEX-T9006ZT/ES)
Unit Name : Control Unit

MISCELLANEOUS

IC	201	IC	PM2006A
IC	401	IC	NJM2068MD
IC	402	IC	NJM2068MD
IC	403	IC	MC14066BF
IC	501	IC	LA1061M
IC	553	IC	HA12181FP
IC	701	IC	PD5552A
IC	702	IC	S-80730ANDT
IC	751	IC	HA12187FP
IC	801	IC	S-81250PGPD
Q	201	Chip Transistor	2SC2712
Q	401	Transistor	IMH4
Q	402	Transistor	IMH4
Q	403	Transistor	IMH4
Q	405	Transistor	IMH4
Q	501	Transistor	IMX1
Q	505	Chip Transistor	2SC2712
Q	551	Chip Transistor	2SC2712
Q	701	Transistor	DTC114EK
Q	801	Transistor	2SC4116
Q	802	Transistor	2SC4116
Q	803	Transistor	2SB1184F5
Q	804	Transistor	2SC4116
Q	805	Transistor	IMD2A
Q	806	Transistor	2SB1132
Q	807	Transistor	2SB1132
Q	808	Transistor	2SB1132
Q	809	Transistor	IMX1
Q	810	Transistor	DTC144EU
Q	811	Transistor	2SC4116
D	401	Diode	UDZS10(B)
D	402	Diode	UDZS10(B)
D	403	Diode	UDZS10(B)
D	404	Diode	UDZS10(B)
D	405	Diode	UDZ4R7(B)

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
D 501 Diode	1SV241	R 233	RS1/16S151J
D 502 Diode	1SV241	R 234	RS1/16S821J
D 503 Diode	1SS355	R 235	RS1/16S0R0J
D 509 Diode	1SS355	R 238	RS1/10S473J
D 510 Diode	1SS355	R 401	RS1/10S272J
D 701 Diode	1SS355	R 402	RS1/10S272J
D 702 Diode	1SS355	R 403	RS1/10S222J
D 751 Diode	UDZ18(B)	R 405	RS1/10S222J
D 752 Diode	UDZ18(B)	R 406	RS1/10S222J
D 753 Diode	UDZ18(B)	R 407	RS1/10S103J
D 801 Diode	UDZS6R2(B)	R 408	RS1/10S103J
D 802 Diode	HZU6R2(B3)	R 409	RS1/10S222J
D 803 Diode	ERA15-02VH	R 411	RS1/10S393J
D 804 Diode	MA8075(H)	R 412	RS1/10S393J
D 805 Diode	1SS355	R 413	RS1/10S182J
D 806 Diode	1SS355	R 414	RS1/10S182J
D 807 Diode	1SS355	R 415	RS1/10S103J
D 808 Diode	1SS355	R 416	RS1/10S103J
ZNR 801 Surge Absorber	ERZV10D270	R 417	RS1/10S393J
L 201 Chip-Inductor	LCTA2R2J3225	R 418	RS1/10S393J
L 202 Inductor	LCTA4R7J3225	R 419	RS1/10S472J
L 501 Inductor	LCTA4R7J3225	R 420	RS1/10S472J
L 502 Inductor	LCTA4R7J3225	R 421	RS1/10S472J
L 503 Inductor	LCTA4R7J3225	R 422	RS1/10S472J
L 504 Inductor	LCTB4R7K3216	R 423	RS1/10S470J
L 511 Inductor	LCTB6R8K3216	R 424	RS1/10S470J
L 512 Inductor	LCTB6R8K3216	R 425	RS1/10S470J
L 513 Inductor	LCTB6R8K3216	R 426	RS1/10S470J
L 515 Inductor	LCTA4R7J3225	R 427	RS1/10S470J
L 516 Inductor	LCTA561J4532	R 428	RS1/10S470J
L 701 Inductor	LCTA4R7J3225	R 429	RS1/10S470J
L 751 Inductor	LCTA101J3225	R 430	RS1/10S470J
L 801 Inductor	CTF1250	R 431	RS1/10S103J
CG 501 Surge Protector	DSP-201M-A21F	R 432	RS1/10S222J
CG 502 Surge Protector	DSP-201M-A21F	R 433	RS1/10S0R0J
X 201 Crystal Resonator 4.5MHz	CSS1011	R 439	RS1/10S103J
X 701 Radiator 10.00MHz	CSS1428	R 501	RS1/10S104J
VR 552 Semifixed Resistor 10kΩ(B)	CCP1396	R 502	RS1/10S103J
FM/AM Tuner Unit	CWE1546	R 503	RS1/10S103J
		R 504	RS1/10S334J
RESISTORS		R 505	RS1/10S101J
R 201	RS1/10S0R0J	R 506	RS1/10S101J
R 202	RS1/10S102J	R 507	RS1/10S104J
R 203	RS1/10S222J	R 508	RS1/10S104J
R 204	RS1/10S222J	R 509	RS1/10S103J
R 205	RS1/10S683J		
R 210	RS1/10S152J	R 510	RS1/10S182J
R 211	RS1/10S472J	R 511	RS1/10S683J
R 212	RS1/10S472J	R 512	RS1/10S153J
R 213	RS1/10S472J	R 513	RS1/10S103J
R 214	RS1/10S102J	R 514	RS1/10S224J
R 216	RS1/10S182J	R 515	RS1/10S473J
R 217	RS1/10S682J	R 516	RS1/10S473J
R 218	RS1/10S472J	R 517	RS1/10S225J
R 219	RS1/10S152J	R 518	RS1/10S225J
R 220	RS1/10S392J	R 519	RS1/10S225J
R 221	RS1/10S0R0J	R 520	RS1/10S225J
R 222	RS1/10S392J	R 521	RS1/10S102J
R 223	RS1/10S102J	R 531	RS1/10S102J
R 224	RS1/10S102J	R 532	RS1/10S102J
R 225	RS1/10S102J	R 533	RS1/10S102J
R 226	RS1/10S102J	R 534	RS1/10S103J
R 227	RS1/10S102J	R 535	RS1/10S471J
R 228	RS1/10S472J	R 536	RS1/10S472J
R 229	RS1/10S473J	R 551	RS1/10S0R0J
R 230	RS1/10S222J	R 554	RS1/10S823J

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
R 570	RS1/10S104J	R 824	RS1/10S104J
R 571	RS1/10S123J	R 825	RS1/10S473J
R 572	RS1/10S105J	R 826	RS1/10S102J
R 573	RS1/10S752J		
R 574	RS1/10S822J		
		CAPACITORS	
R 575	RS1/10S222J	C 201	CKSQYB103K50
R 576	RS1/10S184J	C 202	CKSQYB103K50
R 577	RS1/10S223J	C 203	CKSYB473K50
R 578	RS1/10S473J	C 205	CCSQCH101J50
R 701	RS1/10S393J	C 206	CKSQYB223K50
R 702	RS1/10S223J	C 207	CKSQYB473K50
R 703	RS1/10S102J	C 208	CEAS101M10
R 704	RS1/10S101J	C 209	CEAS220M10
R 705	RS1/10S103J	C 210	CKSQYB103K50
R 706	RS1/10S103J	C 211	CKSQYB103K50
R 707	RS1/10S102J	C 212	CEAS220M10
R 708	RS1/10S102J	C 213	CKSQYB103K50
R 709	RS1/10S102J	C 214	CKSQYB154K16
R 710	RS1/10S103J	C 216	CKSQYB103K50
R 711	RS1/10S0R0J	C 218	CGCYX473K25
R 712	RS1/10S103J	C 220	CKSQYB103K50
R 713	RS1/10S103J	C 221	CCH1280
R 714	RS1/10S103J	C 224	CCSQCH100J50
R 717	RS1/10S103J	C 225	CCSQCH8R0D50
R 719	RS1/10S472J	C 226	CKSQYB102K50
R 720	RS1/10S103J	C 227	CKSQYB103K50
R 721	RS1/10S103J	C 228	CKSQYB223K50
R 722	RS1/10S471J	C 230	CKSQYB102K50
R 723	RS1/10S102J	C 403	CEANL2R2M50
R 724	RS1/10S102J	C 404	CEANL2R2M50
R 725	RS1/10S392J	C 405	CKSQYB273K50
R 726	RS1/10S153J	C 406	CKSQYB273K50
R 727	RS1/10S223J	C 407	CKSQYB183K50
R 728	RS1/10S222J	C 408	CKSQYB183K50
R 729	RS1/10S102J	C 413	CEANL2R2M50
R 730	RS1/10S473J	C 414	CEANL2R2M50
R 731	RS1/10S102J	C 415	CKSQYB681K50
R 733	RS1/10S473J	C 416	CKSQYB681K50
R 734	RS1/10S105J	C 417	CCSQCH101J50
R 735	RS1/10S0R0J	C 418	CCSQCH101J50
R 751	RS1/4S101J	C 419	CKSQYB223K50
R 752	RS1/4S101J	C 420	CKSQYB223K50
R 753	RS1/4S221J	C 421	CKSQYB223K50
R 801	RS1/10S472J	C 422	CKSQYB223K50
R 802	RS1/10S104J	C 423	CEJANP4R7M16
R 803	RS1/10S473J	C 424	CEJANP4R7M16
R 804	RS1/10S473J	C 425	CEJANP4R7M16
R 805	RS1/4S222J	C 426	CEJANP4R7M16
R 806	RS1/4S472J	C 427	CCSQCH101J50
R 807	RS1/10S472J	C 428	CCSQCH101J50
R 808	RS1/10S223J	C 429	CCSQCH101J50
R 809	RS1/10S473J	C 430	CCSQCH101J50
R 810	RS1/10S223J	C 431	CKSQYB104K50
R 811	RS1/10S682J	C 432	CKSQYB102K50
R 812	RS1/10S223J	C 433	CEAS101M10
R 813	RS1/10S182J	C 435	CKSQYB393K50
R 814	RS1/10S182J	C 436	CEAS101M10
R 815	RS1/8S4R7J	C 501	CKSQYB222K50
R 817	RS1/10S332J	C 502	CKSQYB222K50
R 818	RS1/10S332J	C 503	CKSQYB222K50
R 819	RS1/10S332J	C 504	CKSQYB222K50
R 820	RS1/10S332J	C 507	CKSQYB103K50
R 821	RS1/10S332J	C 508	CKSQYB103K50
R 822	RS1/10S332J	C 509	CEJA100M16
R 823	RS1/10S271J	C 510	CKSQYB472K50

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
C 511	CEJA100M16	Q 201	Chip Transistor
C 512	CKSQYB473K50	Q 202	Transistor
C 513	CEJA2R2M50	Q 401	Transistor
C 514	CKSQYB102K50	Q 402	Transistor
C 515	CKSQYB103K50	Q 403	Transistor
C 516	CKSQYB103K50	Q 405	Transistor
C 517	CKSQYB392K50	Q 501	Transistor
C 566	CEAS470M10	Q 502	Chip Transistor
C 581	CEJA3R3M50	Q 503	Transistor
C 582	CKSQYB333K50	Q 504	Transistor
C 583	CEJANP1R0M50	Q 505	Chip Transistor
C 584	CQMA683J50	Q 506	Chip Transistor
C 585	CQMA333J50	Q 551	Chip Transistor
C 586	CQMA333J50	Q 701	Transistor
C 587	CQMA333J50	Q 801	Transistor
C 588	CKSQYB153K50	Q 802	Transistor
C 589	CKSQYB682K50	Q 803	Transistor
C 590	CKSQYB682K50	Q 804	Transistor
C 591	CKSQYB392K50	Q 805	Transistor
C 592	CKSQYB102K50	Q 806	Transistor
C 593	CKSQYB334K16	Q 807	Transistor
C 594	CKSQYB473K50	Q 808	Transistor
C 595	CEAS470M10	Q 809	Transistor
C 701	CKSQYB472K50	Q 810	Transistor
C 702	CKSQYB223K50	Q 811	Transistor
C 703	CEAS470M10	D 401	Diode
C 704	CKSQYB103K50	D 402	Diode
C 705	CKSQYB473K50	D 403	Diode
C 706	CKSQYB473K50	D 404	Diode
C 707	CKSQYB102K50	D 405	Diode
C 708	CKSQYB103K50	D 501	Diode
C 709	CKSQYB102K50	D 502	Diode
C 751	CKSQYB221K50	D 503	Diode
C 752	CKSQYB221K50	D 504	Diode
C 753	CKSQYB221K50	D 505	Diode
C 754	CKSQYB223K50	D 507	Diode
C 801	CEJA2R2M50	D 508	Diode
C 802	CKSQYB223K50	D 509	Diode
C 803	CEJA1R0M50	D 510	Diode
C 804	CKSQYB223K50	D 701	Diode
C 805	CEJA2R2M50	D 702	Diode
C 806	CEJAR47M50	D 751	Diode
C 807	CEAS471M10	D 752	Diode
C 808	CKSQYB473K50	D 753	Diode
C 809	CEAS102M10	D 801	Diode
C 811	CEAS101M10	D 802	Diode
C 812	CKSQYB223K50	D 803	Diode
C 813	CKSQYB223K50	D 804	Diode
C 815	CKSQYB223K50	D 805	Diode
C 816	CKSQYB223K50	D 806	Diode
C 817	CKSQYB223K50	D 807	Diode
C 818	CKSQYB223K50	D 808	Diode
C 819	CKSQYB223K50	ZNR 801	Surge Absorber
		L 201	Chip-Inductor
		L 202	Inductor
		L 501	Inductor
		L 503	Inductor
		L 504	Inductor
		L 505	Chip-Inductor
		L 506	Inductor
		L 511	Inductor
		L 512	Inductor
		L 513	Inductor
		L 515	Inductor
		L 516	Inductor
			2SC2712
			2SC3098
			IMH4
			IMH4
			IMH4
			IMH4
			IMX1
			2SC2712
			2SB1132
			2SB1132
			2SC2712
			2SC2712
			DTC114EK
			2SC4116
			2SC4116
			2SB1184F5
			2SC4116
			IMD2A
			2SB1132
			2SB1132
			2SB1132
			IMX1
			DTC144EU
			2SC4116
			UDZS10(B)
			UDZS10(B)
			UDZS10(B)
			UDZS10(B)
			UDZ4R7(B)
			1SV241
			1SV241
			1SS355
			ERA15-02VH
			ERA15-02VH
			1SS355
			1SS355
			1SS355
			1SS355
			1SS355
			1SS355
			1SS355
			UDZ18(B)
			UDZ18(B)
			UDZ18(B)
			UDZS6R2(B)
			HZU6R2(B3)
			ERA15-02VH
			MA8075(H)
			1SS355
			1SS355
			ERZV10D270
			LCTA2R2J3225
			LCTA4R7J3225
			LCTA4R7J3225
			LCTA4R7J3225
			LCTB4R7K3216
			LCTA2R2J3225
			LCTB2R2K3216
			LCTB6R8K3216
			LCTB6R8K3216
			LCTB6R8K3216
			LCTA4R7J3225
			LCTA561J4532



Unit Number : CWM6595(GEX-T9106ZT/ES)
Unit Name : Control Unit

MISCELLANEOUS

IC 201	IC	PM2006A
IC 401	IC	NJM2068MD
IC 402	IC	NJM2068MD
IC 403	IC	MC14066BF
IC 501	IC	LA1061M
IC 553	IC	HA12181FP
IC 701	IC	PD5552A
IC 702	IC	S-80730ANDT
IC 751	IC	HA12187FP
IC 801	IC	S-81250PGPD

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name			Part No.	====Circuit Symbol and No.==Part Name			Part No.
L	701	Inductor	LCTA4R7J3225	R	428		RS1/10S470J
L	751	Inductor	LCTA101J3225	R	429		RS1/10S470J
L	801	Inductor	CTF1250	R	430		RS1/10S470J
CG	501	Surge Protector	DSP-201M-A21F	R	431		RS1/10S103J
CG	502	Surge Protector	DSP-201M-A21F	R	432		RS1/10S222J
X	201	Crystal Resonator 4.5MHz	CSS1011	R	433		RS1/10S0R0J
X	701	Radiator 10.00MHz	CSS1428	R	439		RS1/10S103J
VR	552	Semifixed Resistor 10kΩ(B)	CCP1396	R	501		RS1/10S104J
		FM/AM Tuner Unit	CWE1544	R	502		RS1/10S103J
				R	503		RS1/10S103J
RESISTORS				R	504		RS1/10S334J
R	201		RS1/10S0R0J	R	505		RS1/10S101J
R	202		RS1/10S102J	R	506		RS1/10S101J
R	203		RS1/10S222J	R	507		RS1/10S104J
R	204		RS1/10S222J	R	508		RS1/10S104J
R	205		RS1/10S683J				
R	210		RS1/10S152J	R	509		RS1/10S103J
R	211		RS1/10S472J	R	510		RS1/10S182J
R	212		RS1/10S472J	R	511		RS1/10S683J
R	213		RS1/10S472J	R	512		RS1/10S153J
R	214		RS1/10S102J	R	513		RS1/10S103J
R	216		RS1/10S182J	R	514		RS1/10S224J
R	217		RS1/10S682J	R	515		RS1/10S473J
R	218		RS1/10S472J	R	516		RS1/10S473J
R	219		RS1/10S152J	R	517		RS1/10S225J
R	220		RS1/10S392J	R	518		RS1/10S225J
R	221		RS1/10S0R0J	R	519		RS1/10S225J
R	222		RS1/10S0R0J	R	520		RS1/10S225J
R	223		RS1/10S102J	R	521		RS1/10S102J
R	224		RS1/10S102J	R	522		RS1/10S103J
R	225		RS1/10S102J	R	523		RS1/10S103J
R	226		RS1/10S102J	R	524		RS1/10S682J
R	227		RS1/10S102J	R	525		RS1/10S473J
R	228		RS1/10S472J	R	526		RS1/10S683J
R	229		RS1/10S473J	R	527		RS1/10S473J
R	230		RS1/10S222J	R	528		RS1/10S473J
R	233		RS1/16S151J	R	529		RS1/10S103J
R	234		RS1/16S821J	R	530		RS1/10S103J
R	236		RS1/16S471J	R	531		RS1/10S102J
R	237		RS1/16S472J	R	532		RS1/10S102J
R	238		RS1/10S473J	R	533		RS1/10S102J
R	401		RS1/10S272J	R	534		RS1/10S103J
R	402		RS1/10S272J	R	535		RS1/10S471J
R	403		RS1/10S222J	R	536		RS1/10S472J
R	405		RS1/10S222J	R	537		RS1/8S4R7J
R	406		RS1/10S222J	R	538		RS1/8S101J
R	407		RS1/10S182J	R	539		RS1/10S472J
R	408		RS1/10S182J	R	551		RS1/10S0R0J
R	409		RS1/10S222J	R	554		RS1/10S823J
R	411		RS1/10S153J	R	570		RS1/10S104J
R	412		RS1/10S153J	R	571		RS1/10S123J
R	413		RS1/10S182J	R	572		RS1/10S105J
R	414		RS1/10S182J	R	573		RS1/10S752J
R	415		RS1/10S103J	R	574		RS1/10S822J
R	416		RS1/10S103J	R	575		RS1/10S222J
R	417		RS1/10S393J	R	576		RS1/10S184J
R	418		RS1/10S393J	R	577		RS1/10S223J
R	419		RS1/10S472J	R	578		RS1/10S473J
R	420		RS1/10S472J	R	701		RS1/10S393J
R	421		RS1/10S472J	R	702		RS1/10S223J
R	422		RS1/10S472J	R	703		RS1/10S102J
R	423		RS1/10S470J	R	704		RS1/10S101J
R	424		RS1/10S470J	R	705		RS1/10S103J
R	425		RS1/10S470J	R	706		RS1/10S103J
R	426		RS1/10S470J	R	707		RS1/10S102J
R	427		RS1/10S470J	R	708		RS1/10S102J

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
R 709	RS1/10S102J	C 220	CKSQYB103K50
R 710	RS1/10S103J	C 221	CCH1280
R 711	RS1/10S0R0J	C 224	CCSQCH100J50
R 712	RS1/10S103J	C 225	CCSQCH8R0D50
R 713	RS1/10S103J	C 226	CKSQYB102K50
R 715	RS1/10S103J	C 227	CKSQYB103K50
R 716	RS1/10S103J	C 228	CKSQYB223K50
R 719	RS1/10S472J	C 230	CKSQYB102K50
R 720	RS1/10S103J	C 231	CEAS101M10
R 721	RS1/10S103J	C 232	CKSQYB103K50
R 722	RS1/10S471J	C 403	CEANL2R2M50
R 723	RS1/10S102J	C 404	CEANL2R2M50
R 724	RS1/10S102J	C 405	CKSQYB273K50
R 725	RS1/10S392J	C 406	CKSQYB273K50
R 726	RS1/10S153J	C 407	CKSQYB273K50
R 727	RS1/10S223J	C 408	CKSQYB273K50
R 728	RS1/10S222J	C 413	CEANL2R2M50
R 729	RS1/10S102J	C 414	CEANL2R2M50
R 730	RS1/10S473J	C 415	CKSQYB681K50
R 731	RS1/10S102J	C 416	CKSQYB681K50
R 733	RS1/10S473J	C 417	CCSQCH101J50
R 734	RS1/10S105J	C 418	CCSQCH101J50
R 735	RS1/10S0R0J	C 419	CKSQYB223K50
R 751	RS1/4S101J	C 420	CKSQYB223K50
R 752	RS1/4S101J	C 421	CKSQYB223K50
R 753	RS1/4S221J	C 422	CKSQYB223K50
R 801	RS1/10S472J	C 423	CEJANP4R7M16
R 802	RS1/10S104J	C 424	CEJANP4R7M16
R 803	RS1/10S473J	C 425	CEJANP4R7M16
R 804	RS1/10S473J	C 426	CEJANP4R7M16
R 805	RS1/4S222J	C 427	CCSQCH101J50
R 806	RS1/4S472J	C 428	CCSQCH101J50
R 807	RS1/10S472J	C 429	CCSQCH101J50
R 808	RS1/10S223J	C 430	CCSQCH101J50
R 809	RS1/10S473J	C 431	CKSQYB104K50
R 810	RS1/10S223J	C 432	CKSQYB102K50
R 811	RS1/10S682J	C 433	CEAS101M10
R 812	RS1/10S223J	C 435	CKSQYB683K25
R 813	RS1/10S182J	C 436	CEAS101M10
R 814	RS1/10S182J	C 501	CKSQYB222K50
R 815	RS1/8S4R7J	C 502	CKSQYB222K50
R 817	RS1/10S332J	C 503	CKSQYB222K50
R 818	RS1/10S332J	C 504	CKSQYB222K50
R 819	RS1/10S332J	C 507	CKSQYB103K50
R 820	RS1/10S332J	C 508	CKSQYB103K50
R 821	RS1/10S332J	C 509	CEJA100M16
R 822	RS1/10S332J	C 510	CKSQYB472K50
R 823	RS1/10S271J	C 511	CEJA100M16
R 824	RS1/10S104J	C 512	CKSQYB473K50
R 825	RS1/10S473J	C 513	CEJA2R2M50
R 826	RS1/10S102J	C 514	CKSQYB102K50
		C 515	CKSQYB103K50
		C 516	CKSQYB103K50
		C 517	CKSQYB392K50
		C 518	CKSQYB103K50
C 201	CKSQYB103K50		
C 202	CKSQYB103K50		
C 203	CKSYB473K50	C 519	CKSQYB103K50
C 205	CCSQCH101J50	C 520	CKSQYB103K50
C 206	CKSQYB223K50	C 521	CKSQYB103K50
		C 522	CKSQYB103K50
C 207	CKSQYB473K50	C 566	CEAS470M10
C 208	CEAS101M10		
C 209	CEAS220M10	C 581	CEJA3R3M50
C 210	CKSQYB103K50	C 582	CKSQYB333K50
C 211	CKSQYB103K50	C 583	CEJANP1R0M50
		C 584	CQMA683J50
C 212	CEAS220M10	C 585	CQMA333J50
C 213	CKSQYB103K50		
C 214	CKSQYB154K16		
C 216	CKSQYB103K50		
C 218	CGCYX473K25		

CAPACITORS

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
C 586	CQMA333J50	D 202	Diode
C 587	CQMA333J50	D 231	Diode
C 588	CKSQYB153K50	L 1	Inductor
C 589	CKSQYB682K50	L 2	Air-core Coil
C 590	CKSQYB682K50	L 3	Air-core Coil
C 591	CKSQYB392K50	L 4	Air-core Coil
C 592	CKSQYB102K50	L 5	Coil
C 593	CKSQYB334K16	L 6	Air-core Coil
C 594	CKSQYB473K50	L 40	Inductor
C 595	CEAS470M10	L 51	Ferri-Inductor
C 701	CKSQYB472K50	L 52	Coil
C 702	CKSQYB223K50	L 201	Ferri-Inductor
C 703	CEAS470M10	L 202	Ferri-Inductor
C 704	CKSQYB103K50	L 203	Inductor
C 705	CKSQYB473K50	L 208	Inductor
C 706	CKSQYB473K50	L 209	Inductor
C 707	CKSQYB102K50	L 210	Coil
C 708	CKSQYB103K50	L 231	Inductor
C 709	CKSQYB102K50	T 31	Coil
C 751	CKSQYB221K50	TC 1	Trimmer
C 752	CKSQYB221K50	TC 2	Trimmer
C 753	CKSQYB221K50	TC 3	Trimmer
C 754	CKSQYB223K50	CF 25	Ceramic Filter
C 801	CEJA2R2M50	CF 51	Ceramic Filter
C 802	CKSQYB223K50	CF 52	Ceramic Filter
C 803	CEJA1R0M50	CF 53	Ceramic Filter
C 804	CKSQYB223K50	CF 230	Crystal Filter
C 805	CEJA2R2M50	CF 232	Ceramic Filter
C 806	CEJAR47M50	X 151	Radiator 918.5Hz
C 807	CEAS471M10	X 231	Crystal Resonator 10.26MHz
C 808	CKSQYB473K50	VR 101	Semi-fixed 15kΩ(B)
C 809	CEAS102M10	VR 151	Semi-fixed 10kΩ(B)
C 811	CEAS101M10	VR 154	Semi-fixed 150kΩ(B)
C 812	CKSQYB223K50	VR 156	Semi-fixed 100kΩ(B)
C 813	CKSQYB223K50		
C 815	CKSQYB223K50		
C 816	CKSQYB223K50		
C 817	CKSQYB223K50		
C 818	CKSQYB223K50		
C 819	CKSQYB223K50		

B Unit Number : CWE1543(GEX-T9006ZT/UC)
Unit Name : FM/AM Tuner Unit

MISCELLANEOUS

IC 1	IC	PA4026A
IC 2	IC	PA4024A
Q 1	Chip Transistor	2SC2712
Q 3	FET	3SK263
Q 5	Transistor	2SK1067
Q 31	Chip Transistor	2SC2712
Q 151	Transistor	DTC144EU
Q 165	Transistor	2SC4116
Q 201	FET	2SK291
Q 202	Chip Transistor	2SC2712
Q 203	FET	2SK2373
D 3	Diode	1SV251
D 4	Diode	1SV250
D 5	Diode	KV1410-F1
D 6	Diode	MA157
D 7	Diode	KV1410-F1
D 8	Diode	KV1410-F1
D 9	Diode	KV1410-F1
D 10	Diode	1SV250
D 201	Diode	MA157

RESISTORS

R 3	RS1/16S223J
R 4	RS1/16S101J
R 6	RS1/16S101J
R 8	RS1/16S332J
R 9	RS1/16S823J
R 10	RS1/16S223J
R 11	RS1/16S124J
R 12	RS1/16S474J
R 15	RS1/16S161J
R 16	RS1/16S104J
R 17	RS1/16S332J
R 18	RS1/16S332J
R 19	RS1/16S154J
R 21	RS1/16S332J
R 22	RS1/16S510J
R 24	RS1/16S101J
R 25	RS1/16S221J
R 26	RS1/16S102J
R 31	RS1/16S470J
R 32	RS1/16S912J
R 33	RS1/16S912J
R 34	RS1/16S331J
R 35	RS1/16S331J
R 51	RS1/16S331J
R 55	RS1/16S102J
R 56	RS1/16S823J
R 61	RS1/16S392J
R 62	RS1/16S273J
R 103	RS1/16S333J
R 104	RS1/16S334J

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
R 105	RS1/16S683J	C 34	CCSRCH4R0D50
R 107	RS1/16S222J	C 41	CKSQYB104K16
R 152	RS1/16S393J	C 51	CKSRYB223K25
R 155	RS1/16S393J	C 52	CKSRYB103K25
R 157	RS1/10S223J	C 54	CCSRCH470J50
R 160	RS1/16S222J	C 55	CKSQYB223K25
R 161	RS1/16S563J	C 56	CKSQYB104K16
R 162	RS1/16S225J	C 57	CKSRYB472K50
R 163	RS1/16S222J	C 58	CEJA330M10
R 164	RS1/16S823J	C 59	CKSRYB103K25
R 165	RS1/16S102J	C 61	CCSRCH270J50
R 201	RS1/16S103J	C 62	CKSRYB103K25
R 202	RS1/16S103J	C 63	CEALR22M50
R 203	RS1/16S225J	C 65	CKSQYB104K16
R 204	RS1/16S472J	C 101	CEALNP100M10
R 205	RS1/16S471J	C 102	CKSRYB182K50
R 206	RS1/16S220J	C 103	CKSQYB682K50
R 207	RS1/16S101J	C 104	CEAL2R2M50
R 208	RS1/16S102J	C 105	CKSRYB103K25
R 210	RS1/16S125J	C 106	CCSRCH151J50
R 211	RS1/16S223J	C 107	CKSRYB103K25
R 214	RS1/16S393J	C 151	CKSRYB562K25
R 215	RS1/16S104J	C 152	CKSQYB104K16
R 230	RS1/16S0R0J	C 153	CEAL3R3M50
R 231	RS1/16S242J	C 154	CKSQYB104K16
R 232	RS1/16S473J	C 157	CEAL3R3M50
R 237	RS1/16S103J	C 158	CKSYB474K16
R 238	RS1/16S104J	C 159	CEAL220M6R3
R 239	RS1/16S104J	C 160	CKSQYB104K16
R 240	RS1/16S103J	C 161	CKSQYB104K16
R 241	RS1/16S202J	C 162	CEAL3R3M50
R 243	RS1/16S123J	C 163	CKSRYB102K50
R 244	RS1/16S103J	C 165	CCSRCH100D50
R 246	RS1/16S0R0J	C 201	CKSRYB103K25
R 247	RS1/10S303J	C 202	CCSRCH100D50
R 248	RS1/16S0R0J	C 203	CKSRYB332K50
R 250	RS1/16S0R0J	C 204	CKSQYB473K16
		C 205	CKSQYB473K16
		C 206	CKSRYB103K25
		C 207	CCSRCH120J50
CAPACITORS			
C 1	CCSRCH220J50	C 211	CCSRCH560J50
C 2	CKSRYB222K50	C 212	CEAL680M10
C 3	CCSRCH4R0D50	C 213	CKSRYB103K25
C 5	CKSRYB222K50	C 214	CKSQYB225K10
C 6	CKSQYB473K16	C 215	CCSRCH680J50
C 7	CKSQYB473K16		
C 8	CKSQYB104K16	C 216	CCSRCH101J50
C 9	CKSRYB222K50	C 217	CEAL2R2M50
C 10	CEAL1R0M50	C 219	CKSRYB223K25
C 11	CCSRCH470J50	C 220	CKSRYB103K25
		C 221	CKSRYB103K25
C 12	CCSRCJ3R0C50		
C 13	CKSRYB222K50	C 230	CKSQYB104K16
C 15	CCSRCJ3R0D50	C 231	CCSRCH330J50
C 17	CCSRCH120J50	C 232	CCSRCH150J50
C 18	CKSRYB103K25	C 233	CKSRYB103K25
		C 234	CEJA330M10
C 19	CCSRCH120J50		
C 20	CKSRYB222K50	C 235	CKSRYB332K50
C 21	CEAL100M16	C 236	CKSQYB473K16
C 22	CCSRRH100D50	C 237	CCSRTH180J50
C 23	CCSRRH150J50	C 239	CKSRYB103K25
		C 240	CKSYB104K16
C 24	CCSRCH471J50		
C 30	CCSRRH201J50	C 241	CKSQYB104K16
C 31	CKSRYB103K25	C 242	CEALR47M50
C 32	CKSQYB473K16	C 244	CKSQYB473K16
C 33	CCSRCH220J50	C 245	CKSQYB103K25
		C 248	CKSQYB334K16

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name			Part No.	====Circuit Symbol and No.==Part Name			Part No.
C	250		CCSRCJ3R0C50	R	15		RS1/16S271J
B	Unit Number : CWE1542(GEX-T9006ZT/EW) Unit Name : FM/AM Tuner Unit			R	16		RS1/16S104J
				R	17		RS1/16S332J
				R	18		RS1/16S332J
				R	19		RS1/16S154J
MISCELLANEOUS				R	27		RS1/16S470J
IC	1	IC	PA4026A	R	31		RS1/16S470J
IC	2	IC	PA4024A	R	32		RS1/16S912J
Q	1	Chip Transistor	2SC2712	R	33		RS1/16S912J
Q	3	FET	3SK263	R	34		RS1/16S331J
Q	31	Chip Transistor	2SC2712				
				R	35		RS1/16S331J
Q	151	Transistor	DTC144EU	R	39		RS1/16S0R0J
Q	165	Transistor	2SC4116	R	51		RS1/16S331J
Q	201	Transistor	FC12	R	55		RS1/16S102J
Q	203	Transistor	DTC124EU	R	56		RS1/16S823J
D	3	Diode	1SV251				
				R	61		RS1/16S392J
D	4	Diode	1SV250	R	62		RS1/16S393J
D	5	Diode	KV1410-F1	R	103		RS1/16S333J
D	6	Diode	MA157	R	104		RS1/16S334J
D	7	Diode	KV1410-F1	R	105		RS1/16S683J
D	8	Diode	KV1410-F1				
				R	107		RS1/16S222J
D	201	Diode	MA157	R	152		RS1/16S393J
D	202	Diode	1SV251	R	155		RS1/16S393J
D	231	Diode	SVC253	R	157		RS1/10S203J
L	1	Inductor	LCTBR12K2125	R	160		RS1/16S222J
L	2	Coil	CTC1145				
				R	161		RS1/16S563J
L	3	Inductor	LCTB4R7K2125	R	162		RS1/16S225J
L	4	Coil	CTC1131	R	163		RS1/16S222J
L	5	Coil	CTC1147	R	164		RS1/16S563J
L	40	Inductor	LCTBR15K1608	R	165		RS1/16S102J
L	51	Ferri-Inductor	LAU150K				
				R	202		RS1/16S223J
L	52	Coil	CTC1136	R	203		RS1/16S225J
L	201	Ferri-Inductor	LAU4R7K	R	204		RS1/16S103J
L	202	Ferri-Inductor	LAU330K	R	205		RS1/16S471J
L	203	Inductor	CTF1371	R	206		RS1/16S220J
L	208	Inductor	LCTA390J4532				
				R	207		RS1/16S101J
L	209	Inductor	LCTA680J4532	R	208		RS1/16S102J
L	231	Inductor	LAU3R3J	R	209		RS1/16S0R0J
T	31	Coil	CTE1116	R	214		RS1/16S393J
TC	1		CCL1046	R	215		RS1/16S683J
CF	25	Ceramic Filter	CTF1292				
				R	217		RS1/16S393J
CF	51	Ceramic Filter	CTF1292	R	230		RS1/16S0R0J
CF	52	Ceramic Filter	CTF1292	R	231		RS1/16S242J
CF	53	Ceramic Filter	CTF1292	R	232		RS1/16S473J
CF	230	Crystal Filter	CTF1262	R	233		RS1/16S0R0J
CF	232	Ceramic Filter	CTF1348				
				R	234		RS1/16S0R0J
X	151	Radiator 918.5Hz	CSS1365	R	237		RS1/16S562J
X	231	Crystal Resonator 10.26MHz	CSS1111	R	238		RS1/16S104J
VR	101	Semi-fixed 15kΩ(B)	CCP1230	R	239		RS1/16S104J
VR	151	Semi-fixed 10kΩ(B)	CCP1229	R	240		RS1/16S472J
VR	154	Semi-fixed 150kΩ(B)	CCP1236				
				R	241		RS1/16S202J
VR	156	Semi-fixed 68kΩ(B)	CCP1234	R	243		RS1/16S123J
				R	244		RS1/16S103J
RESISTORS				R	245		RS1/16S0R0J
				R	246		RS1/16S0R0J
R	3		RS1/16S223J				
R	4		RS1/16S101J	R	247		RS1/10S153J
R	5		RS1/16S151J	R	251		RS1/16S0R0J
R	6		RS1/16S101J	CAPACITORS			
R	7		RS1/10S331J				
				C	1		CCSRCH220J50
R	8		RS1/16S332J	C	2		CKSRYB222K50
R	9		RS1/16S473J	C	3		CCSRCH6R0D50
R	10		RS1/16S223J	C	5		CKSRYB222K50
R	11		RS1/16S124J	C	6		CKSQYB473K16
R	12		RS1/16S474J				

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
C 7	CKSQYB473K16	C 215	CCSRCH680J50
C 8	CKSQYB104K16	C 216	CCSRCH101J50
C 9	CCSRCJ3R0C50	C 217	CEAL1R0M50
C 10	CEAL1R0M50	C 219	CKSRYPB223K25
C 11	CCSRCH470J50	C 220	CKSRYPB103K25
C 12	CCSRCH820J50	C 221	CKSRYPB103K25
C 13	CKSRYPB222K50	C 230	CKSQYB104K16
C 14	CCSRCH4R0D50	C 231	CCSRCH330J50
C 16	CCSRCH120J50	C 232	CCSRCH150J50
C 17	CKSRYPB222K50	C 233	CKSRYPB103K25
C 18	CKSRYPB103K25	C 234	CEJA330M10
C 19	CKSRYPB222K50	C 235	CKSRYPB332K50
C 20	CKSRYPB222K50	C 236	CKSQYB473K16
C 21	CEAL100M16	C 237	CCSRTH180J50
C 22	CCSRRH100D50	C 239	CKSRYPB103K25
C 23	CCSRRH150J50	C 240	CKSYB104K16
C 24	CCSRCH471J50	C 241	CKSQYB104K16
C 30	CCSRRH201J50	C 242	CEALR47M50
C 31	CKSRYPB103K25	C 244	CKSQYB473K16
C 32	CKSQYB473K16	C 245	CKSQYB103K25
C 33	CCSRCK2R0C50	C 247	CKSQYB473K16
C 35	CCSRCH220J50	C 250	CCSRCJ3R0C50
C 36	CCSRCH100D50	C 283	CKSQYB334K16
C 41	CKSQYB104K16		
C 51	CKSRYPB223K25		
C 52	CKSRYPB103K25		
C 54	CCSRCH470J50		
C 55	CKSQYB223K25		
C 56	CKSQYB104K16		
C 57	CKSRYPB472K50		
C 58	CEJA330M10		
C 59	CKSRYPB103K25		
C 61	CCSRCH270J50		
C 62	CKSRYPB103K25		
C 63	CEALR15M50		
C 65	CKSQYB104K16		
C 101	CEALNP100M10		
C 102	CKSRYPB182K50		
C 103	CKSQYB682K50		
C 104	CEAL2R2M50		
C 105	CKSRYPB103K25		
C 106	CCSRCH151J50		
C 107	CKSRYPB103K25		
C 151	CKSRYPB392K50		
C 152	CKSQYB104K16		
C 153	CEAL3R3M50		
C 154	CKSQYB104K16		
C 157	CEAL3R3M50		
C 158	CKSYB474K16		
C 159	CEAL220M6R3		
C 160	CKSQYB104K16		
C 161	CKSQYB104K16		
C 162	CEAL3R3M50		
C 163	CKSRYPB102K50		
C 165	CCSRCH100D50		
C 201	CKSRYPB103K25		
C 202	CCSRCH100D50		
C 203	CKSRYPB682K50		
C 204	CKSQYB473K16		
C 205	CKSQYB473K16		
C 206	CKSQYB103K25		
C 207	CCSRCH120J50		
C 211	CCSRCH560J50		
C 212	CEJA470M10		
C 213	CKSRYPB103K25		
		B Unit Number : CWE1546(GEX-T9006ZT/ES)	
		Unit Name : FM/AM Tuner Unit	
		MISCELLANEOUS	
		IC 1 IC	PA4026A
		IC 2 IC	PA4024A
		Q 1 Chip Transistor	2SC2712
		Q 2 Transistor	DTC124EU
		Q 3 FET	3SK263
		Q 31 Chip Transistor	2SC2712
		Q 151 Transistor	DTC144EU
		Q 201 Transistor	FC12
		Q 203 Transistor	DTC124EU
		D 3 Diode	1SV251
		D 4 Diode	1SV250
		D 5 Diode	KV1410-F1
		D 6 Diode	MA157
		D 7 Diode	KV1410-F1
		D 8 Diode	KV1410-F1
		D 201 Diode	MA157
		D 202 Diode	1SV251
		D 231 Diode	SVC253
		L 1 Inductor	LCTBR12K2125
		L 2 Coil	CTC1145
		L 3 Inductor	LCTB4R7K2125
		L 4 Coil	CTC1131
		L 5 Coil	CTC1147
		L 51 Ferri-Inductor	LAU150K
		L 52 Coil	CTC1136
		L 201 Ferri-Inductor	LAU4R7K
		L 202 Ferri-Inductor	LAU330K
		L 203 Inductor	CTF1371
		L 208 Inductor	LAU390K
		L 209 Ferri-Inductor	LAU680K
		L 210 Coil	CTB1103
		L 231 Inductor	LAU3R3J
		T 31 Coil	CTE1116
		CF 25 Ceramic Filter	CTF1290
		CF 51 Ceramic Filter	CTF1290
		CF 52 Ceramic Filter	CTF1290
		CF 53 Ceramic Filter	CTF1290
		CF 230 Crystal Filter	CTF1262
		CF 232 Ceramic Filter	CTF1348
		X 151 Radiator 918.5Hz	CSS1365

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
X 231 Crystal Resonator 10.26MHz	CSS1111	R 240	RS1/16S472J
VR 101 Semi-fixed 15kΩ(B)	CCP1230	R 241	RS1/16S202J
VR 151 Semi-fixed 10kΩ(B)	CCP1229	R 243	RS1/16S123J
VR 154 Semi-fixed 150kΩ(B)	CCP1236	R 244	RS1/16S103J
VR 156 Semi-fixed 68kΩ(B)	CCP1234	R 245	RS1/16S0R0J
RESISTORS		R 246	RS1/16S0R0J
R 3	RS1/16S223J	R 247	RS1/10S153J
R 4	RS1/16S101J	CAPACITORS	
R 5	RS1/16S181J	C 1	CCSRCH220J50
R 6	RS1/16S101J	C 2	CKSRYB222K50
R 7	RS1/10S331J	C 3	CCSRCH6R0D50
R 8	RS1/16S332J	C 5	CKSRYB222K50
R 9	RS1/16S473J	C 6	CKSQYB473K16
R 10	RS1/16S223J		
R 11	RS1/16S124J	C 7	CKSQYB473K16
R 12	RS1/16S474J	C 8	CKSQYB104K16
R 13	RS1/16S563J	C 9	CCSRCJ3R0C50
R 15	RS1/16S271J	C 10	CEAL1R0M50
R 16	RS1/16S104J	C 11	CCSRCH470J50
R 17	RS1/16S332J		
R 18	RS1/16S332J	C 12	CCSRCH820J50
R 19	RS1/16S154J	C 13	CKSRYB222K50
R 27	RS1/16S470J	C 14	CCSRCH4R0D50
R 31	RS1/16S470J	C 15	CCSRCH7R0D50
R 32	RS1/16S912J	C 16	CCSRCH120J50
R 33	RS1/16S912J	C 17	CKSRYB222K50
R 34	RS1/16S331J	C 18	CKSRYB103K25
R 35	RS1/16S331J	C 19	CKSRYB222K50
R 39	RS1/16S0R0J	C 20	CKSRYB222K50
R 51	RS1/16S331J	C 21	CEAL100M16
R 55	RS1/16S102J	C 22	CCSRRH100D50
R 56	RS1/16S823J	C 23	CCSRRH120J50
R 61	RS1/16S392J	C 24	CCSRCH471J50
R 62	RS1/16S273J	C 30	CCSRRH201J50
R 103	RS1/16S333J	C 31	CKSRYB103K25
R 104	RS1/16S334J	C 32	CKSQYB473K16
R 105	RS1/16S683J	C 33	CCSRCK2R0C50
R 107	RS1/16S222J	C 35	CCSRCH270J50
R 152	RS1/16S393J	C 36	CCSRCH120J50
R 155	RS1/16S393J	C 40	CKSRYB222K50
R 157	RS1/10S203J	C 41	CKSQYB104K16
R 160	RS1/16S222J	C 51	CKSRYB223K25
R 161	RS1/16S563J	C 52	CKSRYB103K25
R 162	RS1/16S225J	C 54	CCSRCH470J50
R 163	RS1/16S222J	C 55	CKSQYB223K25
R 164	RS1/16S274J	C 56	CKSQYB104K16
R 165	RS1/16S102J	C 57	CKSRYB472K50
R 202	RS1/16S223J	C 58	CEJA330M10
R 203	RS1/16S225J	C 59	CKSRYB103K25
R 204	RS1/16S103J	C 61	CCSRCH270J50
R 205	RS1/16S471J	C 62	CKSRYB103K25
R 206	RS1/16S220J	C 63	CEALR22M50
R 207	RS1/16S101J	C 65	CKSQYB104K16
R 208	RS1/16S102J	C 101	CEALNP100M10
R 209	RS1/16S0R0J	C 102	CKSRYB182K50
R 214	RS1/16S563J	C 103	CKSQYB682K50
R 215	RS1/16S473J	C 104	CEAL2R2M50
R 217	RS1/16S393J	C 105	CKSRYB103K25
R 220	RS1/10S0R0J	C 106	CCSRCH151J50
R 231	RS1/16S242J	C 107	CKSRYB103K25
R 232	RS1/16S473J	C 151	CKSRYB392K50
R 233	RS1/16S0R0J	C 152	CKSQYB104K16
R 234	RS1/16S0R0J	C 153	CEAL3R3M50
R 237	RS1/16S562J	C 154	CKSQYB104K16
R 238	RS1/16S104J	C 155	CEAL3R3M50
R 239	RS1/16S104J		

====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
C 158	CKSYB474K16	L 2	Coil
C 159	CEAL220M6R3	L 3	Inductor
C 160	CKSQYB104K16	L 4	Coil
C 161	CKSQYB104K16	L 5	Coil
C 162	CEAL3R3M50	L 40	Inductor
C 163	CKSRYB102K50	L 51	Ferri-Inductor
C 165	CCSRCH100D50	L 52	Coil
C 201	CKSRYB103K25	L 201	Inductor
C 202	CCSRCH100D50	L 202	Ferri-Inductor
C 203	CKSRYB332K50	L 203	Inductor
C 204	CKSQYB473K16	L 205	Inductor
C 205	CKSQYB473K16	L 206	Inductor
C 206	CKSQYB103K25	L 207	Inductor
C 207	CCSRCH120J50	L 208	Inductor
C 211	CCSRCH560J50	L 209	Inductor
C 212	CEJA470M10	L 210	Coil
C 213	CKSRYB103K25	T 31	Coil
C 215	CCSRCH680J50	T 231	Coil
C 216	CCSRCH101J50	CF 25	Ceramic Filter
C 217	CEAL1R0M50	CF 51	Ceramic Filter
C 219	CKSRYB223K25	CF 52	Ceramic Filter
C 220	CKSRYB103K25	CF 53	Ceramic Filter
C 221	CKSRYB103K25	CF 230	Crystal Filter
C 230	CKSQYB104K16	CF 232	Ceramic Filter
C 231	CCSRCH330J50	X 151	Radiator 918.5Hz
C 232	CCSRCH150J50	X 231	Crystal Resonator 10.26MHz
C 233	CKSRYB103K25	VR 101	Semi-fixed 15kΩ(B)
C 234	CEJA330M10	VR 151	Semi-fixed 10kΩ(B)
C 235	CKSRYB332K50	VR 154	Semi-fixed 150kΩ(B)
C 236	CKSQYB473K16	VR 156	Semi-fixed 68kΩ(B)
C 237	CCSRTH180J50	RESISTORS	
C 239	CKSRYB103K25	R 3	
C 240	CKSYB104K16	R 4	
C 241	CKSQYB104K16	R 5	
C 242	CEALR47M50	R 6	
C 243	CEALR33M50	R 7	
C 244	CKSQYB473K16	R 8	
C 245	CKSQYB103K25	R 9	
C 250	CCSRCJ3R0C50	R 10	
		R 11	
		R 12	
		R 15	
		R 16	
		R 17	
		R 18	
		R 19	
		R 27	
		R 31	
		R 32	
		R 33	
		R 34	
		R 35	
		R 39	
		R 51	
		R 55	
		R 56	
		R 61	
		R 62	
		R 103	
		R 104	
		R 105	
		R 107	
		R 152	
		R 155	
		R 157	
		R 160	
			RS1/16S223J
			RS1/16S101J
			RS1/16S181J
			RS1/16S101J
			RS1/10S331J
			RS1/16S332J
			RS1/16S473J
			RS1/16S223J
			RS1/16S124J
			RS1/16S474J
			RS1/16S271J
			RS1/16S104J
			RS1/16S332J
			RS1/16S332J
			RS1/16S154J
			RS1/16S470J
			RS1/16S470J
			RS1/16S912J
			RS1/16S912J
			RS1/16S331J
			RS1/16S331J
			RS1/16S0R0J
			RS1/16S331J
			RS1/16S102J
			RS1/16S823J
			RS1/16S392J
			RS1/16S273J
			RS1/16S333J
			RS1/16S334J
			RS1/16S683J
			RS1/16S222J
			RS1/16S393J
			RS1/16S393J
			RS1/10S203J
			RS1/16S222J



Unit Number : CWE1544(GEX-T9106ZT/ES)
Unit Name : FM/AM Tuner Unit

MISCELLANEOUS

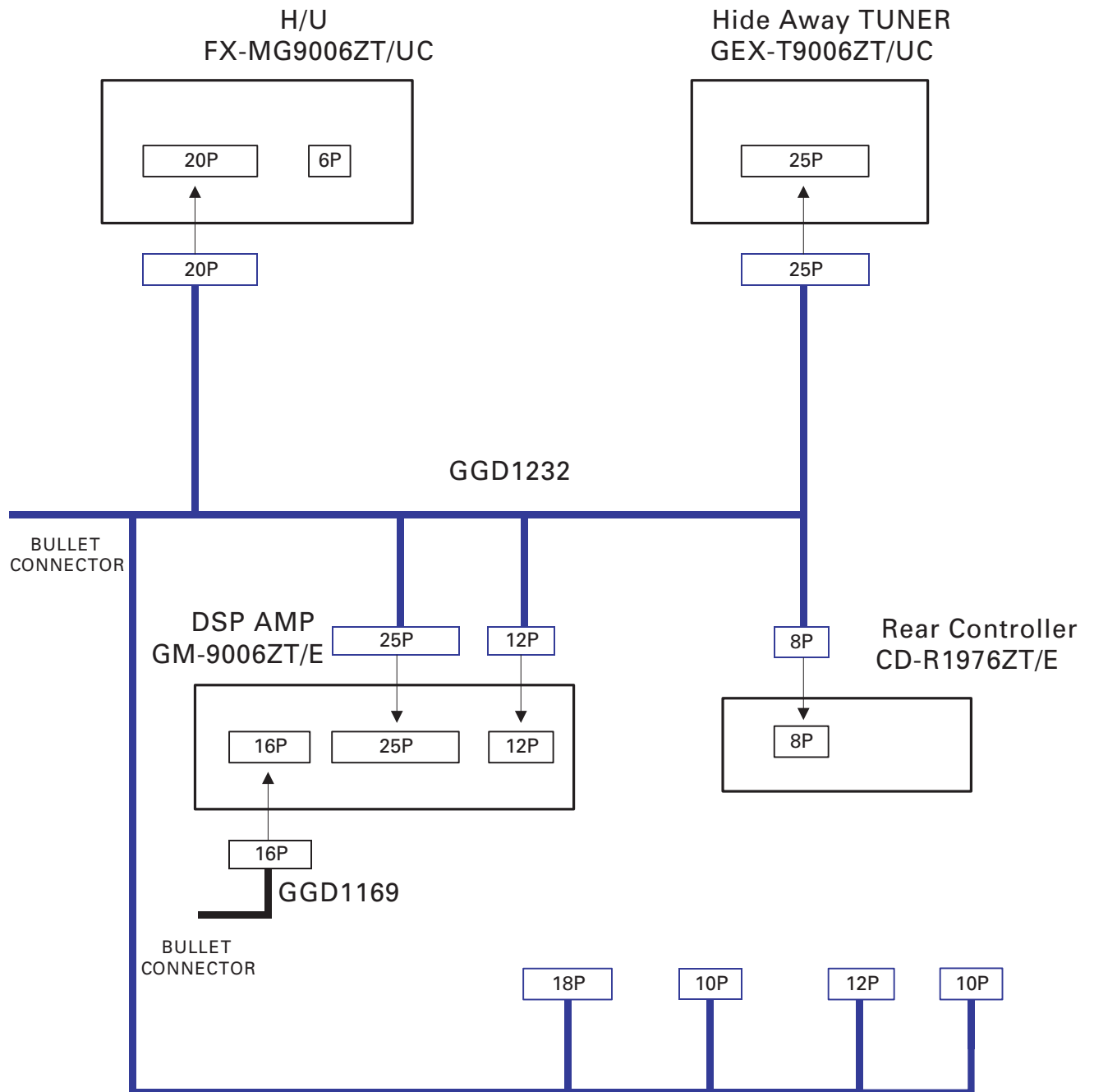
IC 1	IC	PA4026A
IC 2	IC	PA4024A
Q 1	Chip Transistor	2SC2712
Q 3	FET	3SK263
Q 31	Chip Transistor	2SC2712
Q 151	Transistor	DTC124EU
Q 201	Transistor	FC12
Q 203	Transistor	DTC124EU
Q 204	Transistor	DTC124EU
Q 205	Transistor	DTC124EU
Q 206	Transistor	2SC4116
Q 231	Transistor	2SC4116
D 3	Diode	1SV251
D 4	Diode	1SV250
D 5	Diode	KV1410-F1
D 6	Diode	MA157
D 7	Diode	KV1410-F1
D 8	Diode	KV1410-F1
D 201	Diode	MA157
D 202	Diode	1SV251
D 203	Diode	MA141WA
D 204	Diode	MA110
D 205	Diode	MA110
D 231	Diode	KV1590(12)
L 1	Inductor	LCTBR12K2125

GEX-T9006ZT,T9006ZT-91,T9106ZT,T9106ZT-91

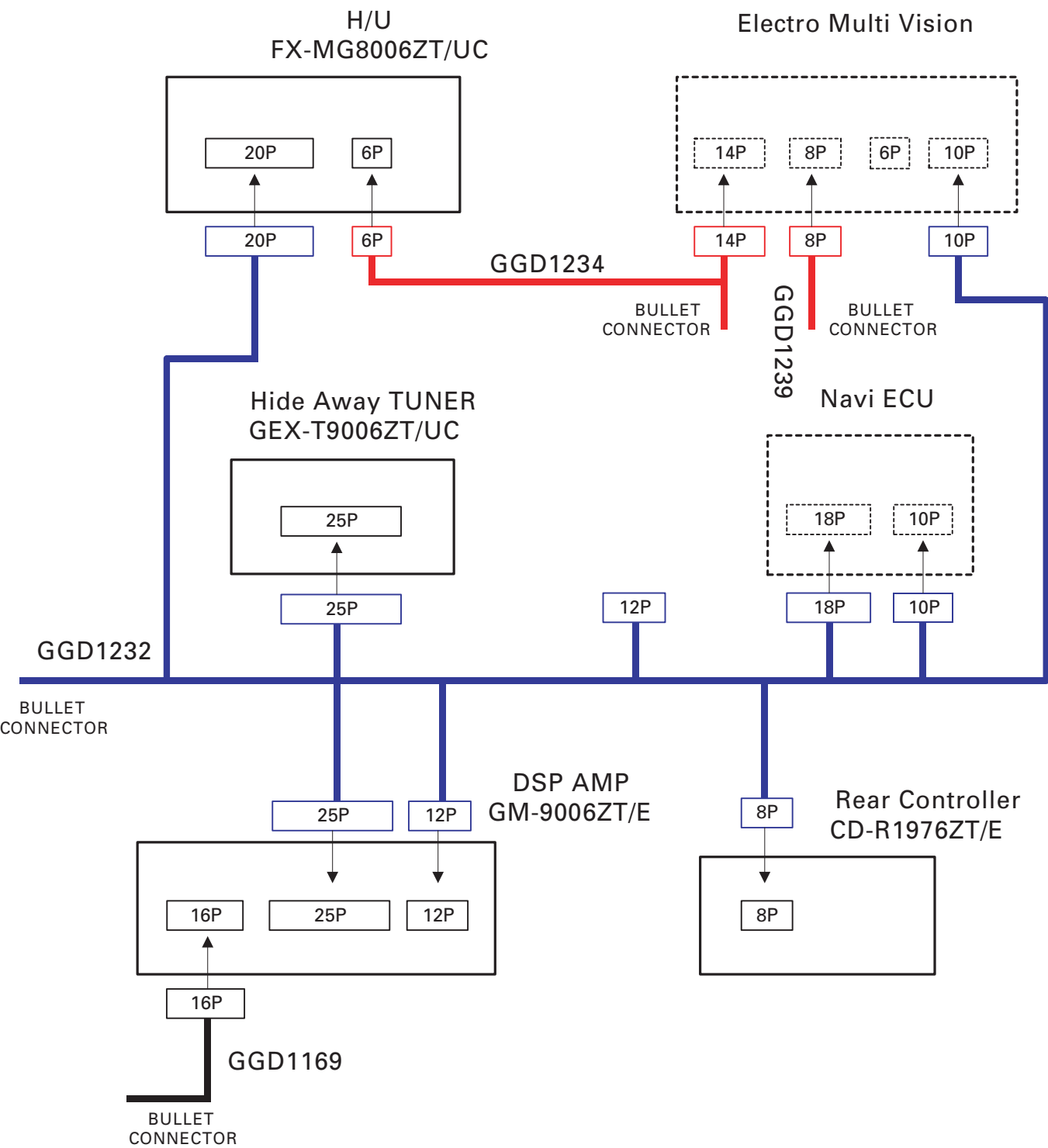
====Circuit Symbol and No.==Part Name	Part No.	====Circuit Symbol and No.==Part Name	Part No.
R 161	RS1/16S563J	C 51	CKSRYB223K25
R 162	RS1/16S225J	C 52	CKSRYB103K25
R 163	RS1/16S222J	C 54	CCSRCH470J50
R 165	RS1/16S102J	C 55	CKSQYB223K25
R 201	RS1/16S471J	C 56	CKSQYB104K16
R 202	RS1/16S182J	C 57	CKSRYB472K50
R 204	RS1/16S103J	C 58	CEJA330M10
R 205	RS1/16S471J	C 59	CKSRYB103K25
R 206	RS1/16S220J	C 61	CCSRCH270J50
R 207	RS1/16S162J	C 62	CKSRYB103K25
R 208	RS1/16S0R0J	C 63	CEALR22M50
R 210	RS1/16S104J	C 65	CKSQYB104K16
R 211	RS1/16S103J	C 101	CEALNP100M10
R 212	RS1/16S104J	C 102	CKSRYB182K50
R 213	RS1/16S103J	C 103	CKSQYB682K50
R 214	RS1/16S563J	C 104	CEAL2R2M50
R 215	RS1/16S473J	C 105	CKSRYB103K25
R 216	RS1/16S104J	C 106	CCSRCH151J50
R 217	RS1/16S393J	C 107	CKSRYB103K25
R 231	RS1/16S242J	C 151	CKSRYB392K50
R 232	RS1/16S473J	C 152	CKSQYB104K16
R 234	RS1/16S473J	C 153	CEAL3R3M50
R 235	RS1/16S472J	C 154	CKSQYB104K16
R 237	RS1/16S103J	C 157	CEAL3R3M50
R 238	RS1/16S104J	C 158	CKSYB474K16
R 239	RS1/16S104J	C 159	CEAL220M6R3
R 240	RS1/16S472J	C 160	CKSQYB104K16
R 241	RS1/16S202J	C 161	CKSQYB104K16
R 243	RS1/16S123J	C 162	CEAL3R3M50
R 244	RS1/16S103J	C 163	CKSRYB102K50
R 245	RS1/16S0R0J	C 165	CCSRCH100D50
R 246	RS1/16S0R0J	C 201	CKSRYB103K25
R 247	RS1/10S153J	C 202	CCSRCH180J50
R 248	RS1/16S473J	C 203	CKSRYB682K50
R 249	RS1/16S0R0J	C 204	CKSQYB473K16
CAPACITORS		C 205	CKSQYB473K16
C 1	CCSRCH220J50	C 206	CKSQYB103K25
C 2	CKSRYB222K50	C 207	CCSRCH120J50
C 3	CCSRCH6R0D50	C 208	CCSRCH180J50
C 5	CKSRYB222K50	C 209	CCSRCH470J50
C 6	CKSQYB473K16	C 210	CCSRCH470J50
C 7	CKSQYB473K16	C 211	CCSRCH270J50
C 8	CKSQYB104K16	C 212	CEJA470M10
C 9	CCSRCJ3R0C50	C 213	CKSRYB103K25
C 10	CEAL1R0M50	C 215	CCSRCH470J50
C 11	CCSRCH470J50	C 216	CCSRCH100D50
C 12	CCSRCH820J50	C 217	CEAL1R0M50
C 13	CKSRYB222K50	C 218	CKSRYB102K50
C 14	CCSRCH4R0D50	C 219	CCSRCH101J50
C 15	CCSRCH7R0D50	C 220	CKSRYB103K25
C 16	CCSRCH120J50	C 221	CKSRYB103K25
C 17	CKSRYB222K50	C 222	CCSRCH180J50
C 18	CKSRYB103K25	C 230	CKSQYB104K16
C 19	CKSRYB222K50	C 231	CCSRCH330J50
C 20	CKSRYB222K50	C 232	CCSRCH150J50
C 21	CEAL100M16	C 233	CKSRYB103K25
C 22	CCSRRH100D50	C 234	CEJA330M10
C 23	CCSRRH120J50	C 235	CKSRYB332K50
C 24	CCSRCH471J50	C 236	CKSQYB473K16
C 30	CCSRRH201J50	C 237	CCSRCH8R0D50
C 31	CKSRYB103K25	C 238	CCSRCH181J50
C 32	CKSQYB473K16	C 239	CKSRYB103K25
C 33	CCSRCK2R0C50	C 240	CKLSR104K16
C 35	CCSRCH270J50	C 241	CKSQYB104K16
C 36	CCSRCH120J50	C 242	CEALR47M50
C 41	CKSQYB104K16	C 243	CEALR33M50
		C 244	CKSQYB473K16
		C 245	CKSQYB103K25
		C 250	CCSRCJ3R0C50

6. ADJUSTMENT

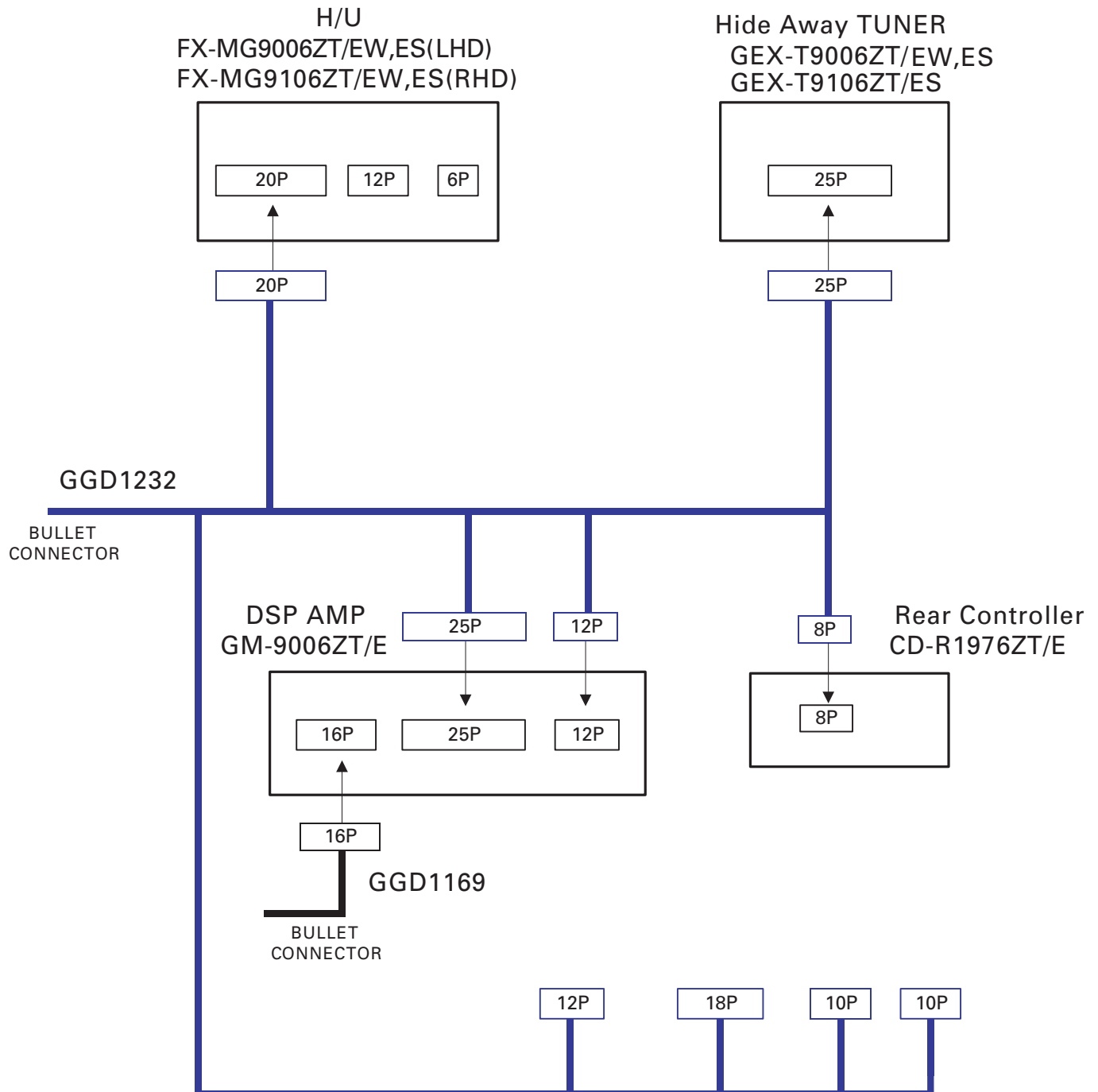
● Connection Diagram(GEX-T9006ZT/UC)



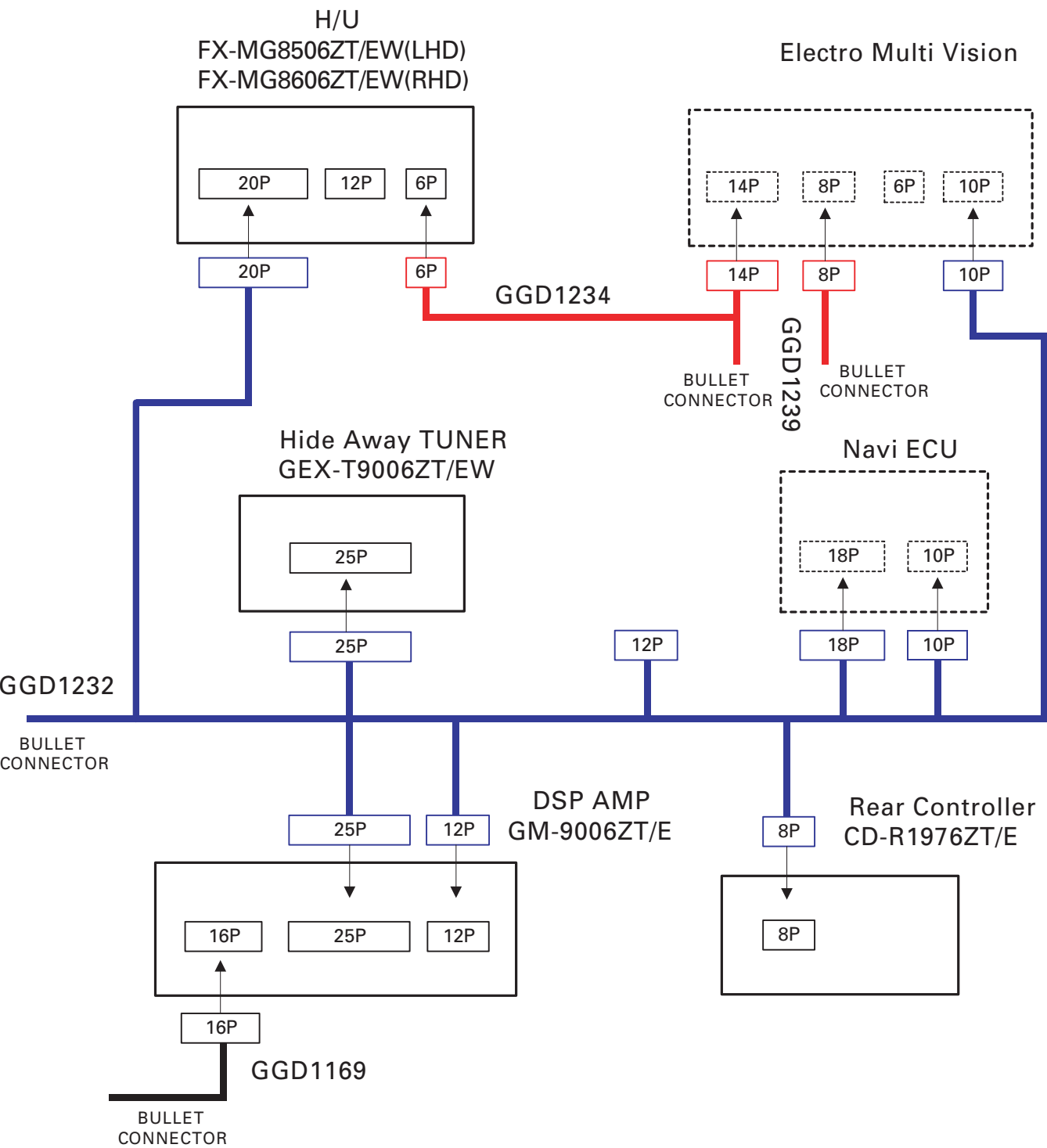
● Connection Diagram(GEX-T9006ZT/UC)



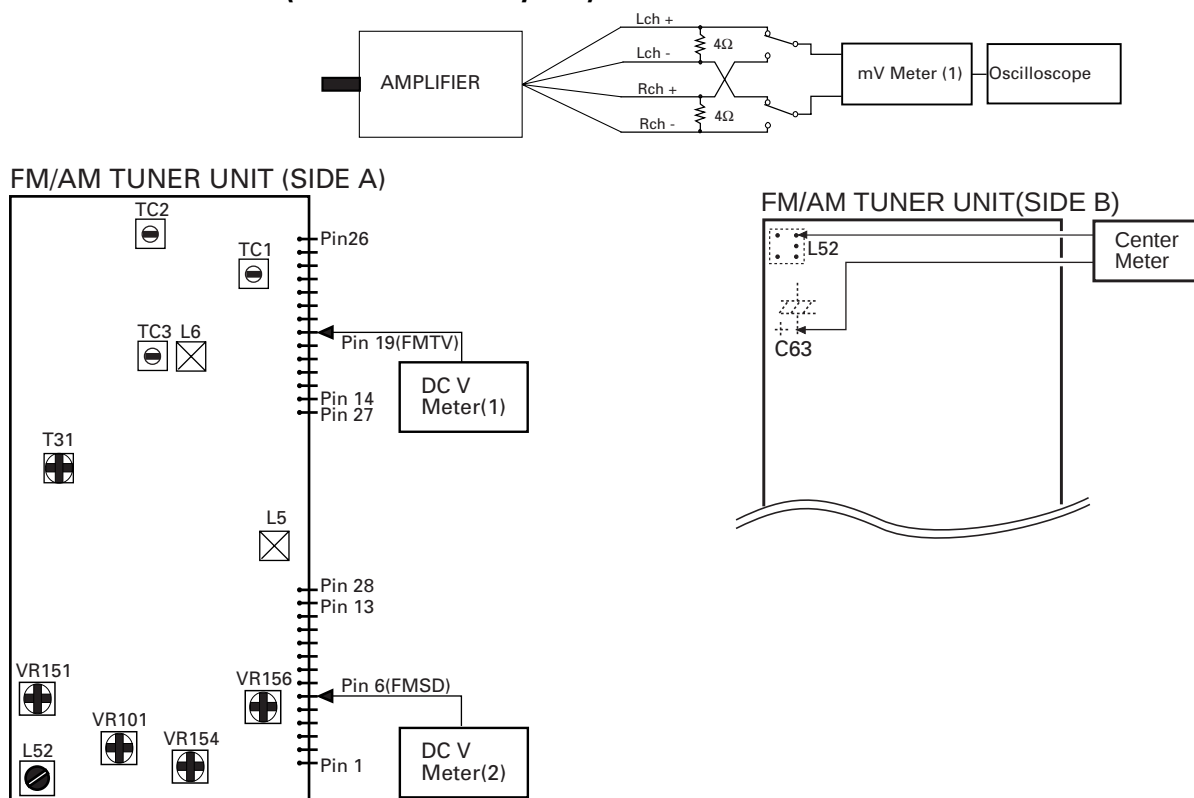
● Connection Diagram(GEX-T9006ZT/EW, ES, GEX-T9106ZT/ES)



● Connection Diagram(GEX-T9006ZT/EW)



6.1 TUNER SECTION(GEX-T9006ZT/UC)



FM ADJUSTMENT

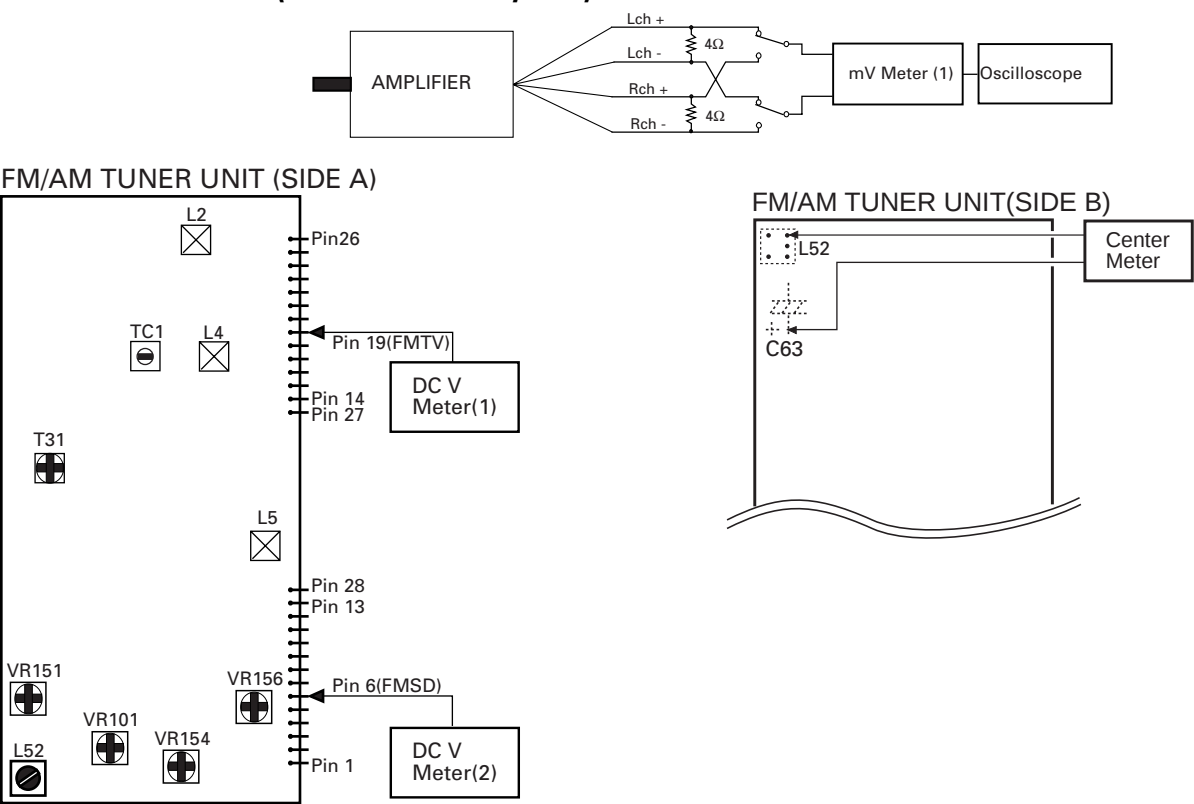
Modulation M: MONO MOD., 400Hz 30%(22.5kHz Dev.)

S1: 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) : 6.0V
Center Meter	1	98.1 M	65-85	98.1	L52	Center Meter : 0
IFT	1	98.1 M	5-15	98.1	T31	mV Meter(1) : Maximum
RF Trimmer	1	106.1 M	5-15	106.1	TC3	mV Meter(1) : Maximum
ANT Trimmer	1	98.1 M	5-15	98.1	TC1,TC2	mV Meter(1) : Maximum
RF Coil	1	89.9 M	5-15	89.9	L6	mV Meter(1) : Maximum
RF Trimmer	1	106.1 M	5-15	106.1	TC3	mV Meter(1) : Maximum
RF Coil	1	89.9 M	5-15	89.9	L6	mV Meter(1) : Maximum
RF Trimmer	1	106.1 M	5-15	106.1	TC3	mV Meter(1) : Maximum
Separation	1	98.1 S	65	98.1	VR101	mV Meter(1) : Maximum
ARC Separation	1	98.1 S	38	98.1	VR154	mV Meter(1) : Separation 5dB
Interstation	1	98.1 M	65	98.1	.....	mV Meter(1) : AdB
Noise	2	98.1 M	-∞	98.1	VR151	mV Meter(1) : A-20dB
Search	1	98.1 M	33	98.1	VR156	DC V Meter(2) : more than 3.5V
Sensitivity	2	98.1 M	32	98.1	VR156	DC V Meter(2) : 0V
	3	Repeat steps 1 and 2 until the adjustment standards are satisfied.				

6.2 TUNER SECTION(GEX-T9006ZT/EW)



FM ADJUSTMENT

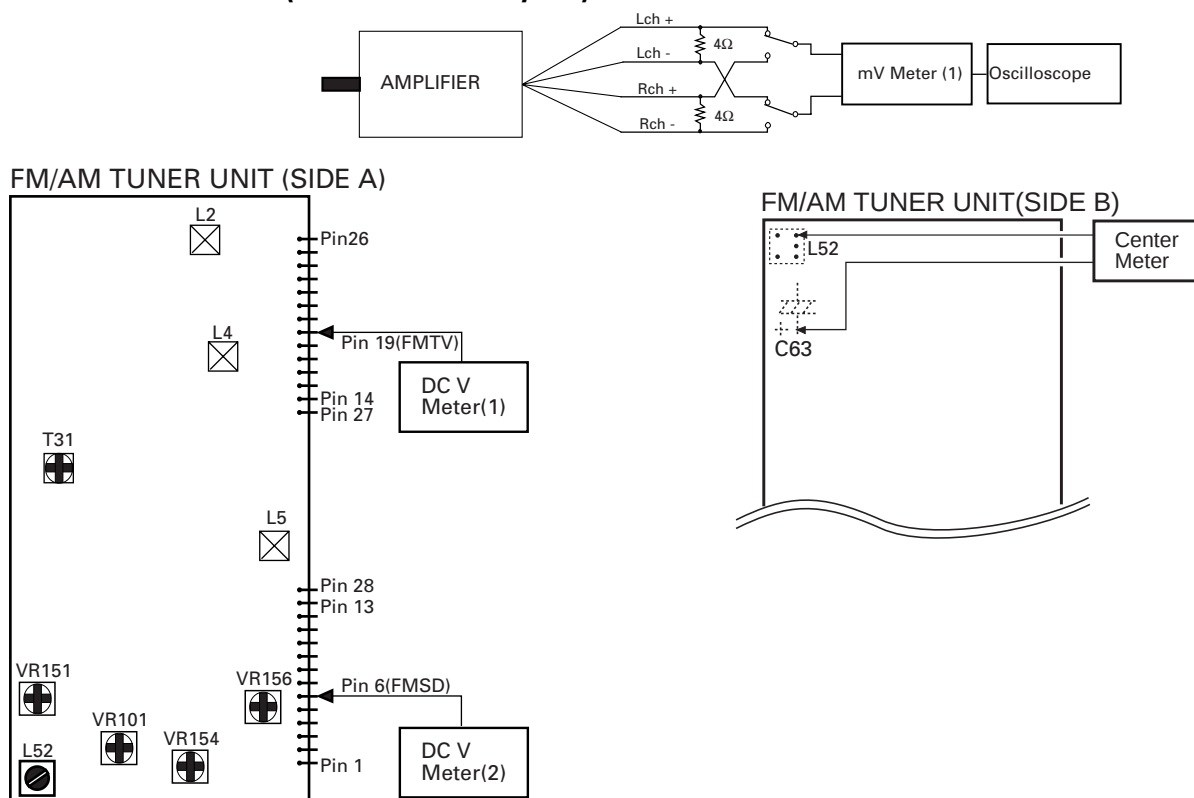
Modulation M: MONO MOD., 400Hz 30%(22.5kHz Dev.)

S1: 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 Frequency(MHz)	Adjustment Point	Adjustment Method (Switch Position)
		Frequency(MHz)	Level(dBf)			
TUN Volt	1	.....	.....	108.0	L5	DC V Meter(1) : 6.0V
Center Meter	1	98.1 M	65-85	98.1	L52	Center Meter : 0
IFT	1	98.1 M	5-15	98.1	T31	mV Meter(1) : Maximum
ANT Coil	1	89.9 M	5-15	89.9	L2	mV Meter(1) : Maximum
RF Coil	1	89.9 M	5-15	89.9	L4	mV Meter(1) : Maximum
RF Trimmer	1	129.3 M	60-80	107.9	TC1	mV Meter(1) : Minimum
Separation	1	98.1 S	65	98.1	VR101	mV Meter(1) : Maximum
ARC Separation	1	98.1 S	40	98.1	VR154	mV Meter(1) : Separation 5dB
Interstation	1	98.1 M	65	98.1	.....	mV Meter(1) : AdB
Noise	2	98.1 M	-∞	98.1	VR151	mV Meter(1) : A-20dB
Search	1	98.1 M	27	98.1	VR156	DC V Meter(2) : more than 3.5V
Sensitivity	2	98.1 M	26	98.1	VR156	DC V Meter(2) : 0V
	3	Repeat steps 1 and 2 until the adjustment standards are satisfied.				

6.3 TUNER SECTION(GEX-T9006ZT/ES)



FM ADJUSTMENT

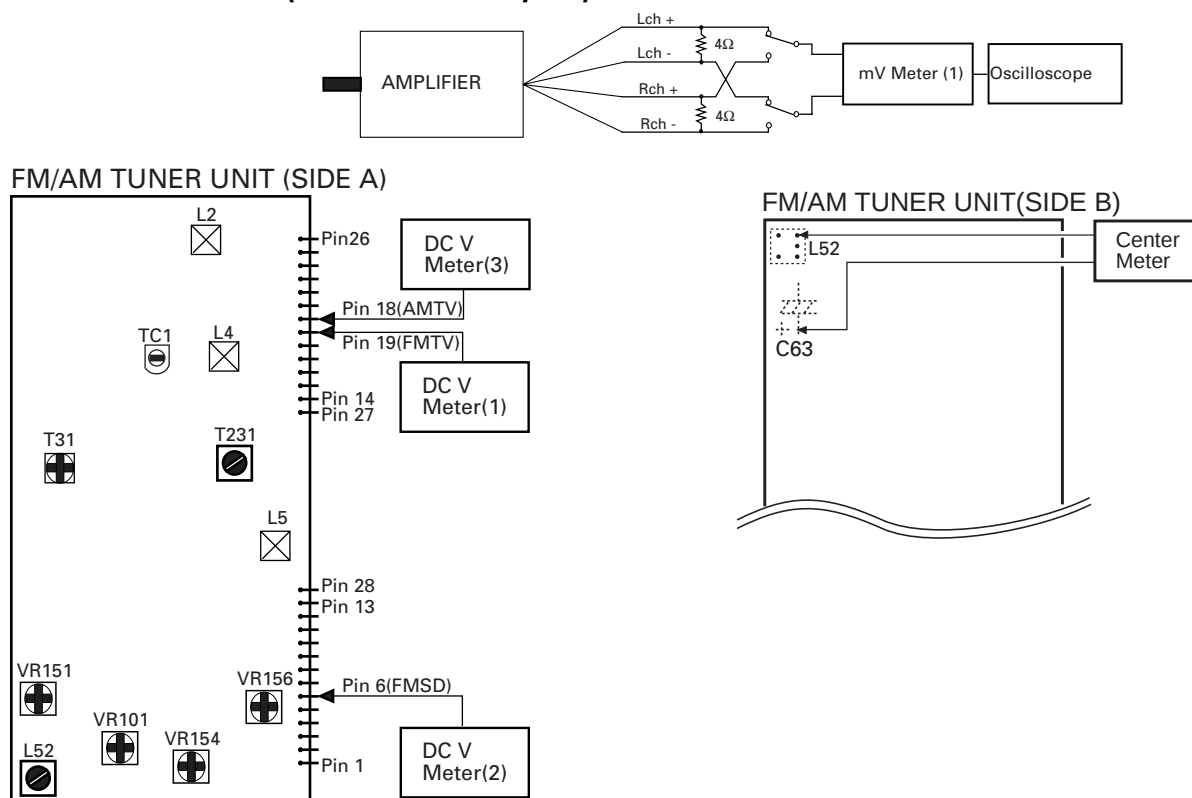
Modulation M: MONO MOD., 400Hz 30%(22.5kHz Dev.)

S1: 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) : 6.5V
Center Meter	1	98.1 M	65-85	98.1	L52	Center Meter : 0
IFT	1	98.1 M	5-15	98.1	T31	mV Meter(1) : Maximum
ANT Coil	1	89.9 M	5-15	89.9	L2	mV Meter(1) : Maximum
RF Coil	1	89.9 M	5-15	89.9	L4	mV Meter(1) : Maximum
Separation	1	98.1 S	65	98.1	VR101	mV Meter(1) : Maximum
ARC Separation	1	98.1 S	40	98.1	VR154	mV Meter(1) : Separation 5dB
Interstation	1	98.1 M	65	98.1	.....	mV Meter(1) : AdB
Noise	2	98.1 M	-∞	98.1	VR151	mV Meter(1) : A-20dB
Search	1	98.1 M	27	98.1	VR156	DC V Meter(2) : more than 3.5V
Sensitivity	2	98.1 M	26	98.1	VR156	DC V Meter(2) : 0V
	3	Repeat steps 1 and 2 until the adjustment standards are satisfied.				

6.4 TUNER SECTION(GEX-T9106ZT/ES)



FM ADJUSTMENT

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

S1: 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.

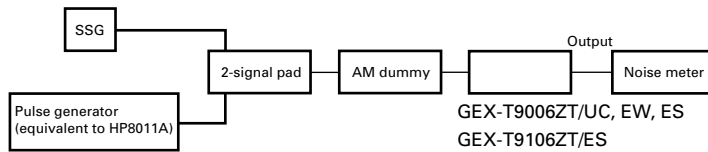
	No.	FM SSG		Displayed Frequency(MHz)	Adjustment Point	Adjustment Method (Switch Position)
		Frequency(MHz)	Level(dBf)			
TUN Volt	1	.....	.....	108.0	L5	DC V Meter(1) : 6.5V
Center Meter	1	98.1 M	65-85	98.1	L52	Center Meter : 0
IFT	1	98.1 M	5-15	98.1	T31	mV Meter(1) : Maximum
ANT Coil	1	89.9 M	5-15	89.9	L2	mV Meter(1) : Maximum
RF Coil	1	89.9 M	5-15	89.9	L4	mV Meter(1) : Maximum
Separation	1	98.1 S	65	98.1	VR101	mV Meter(1) : Maximum
ARC Separation	1	98.1 S	40	98.1	VR154	mV Meter(1) : Separation 5dB
Interstation	1	98.1 M	65	98.1	.....	mV Meter(1) : AdB
Noise	2	98.1 M	-∞	98.1	VR151	mV Meter(1) : A-20dB
Search	1	98.1 M	27	98.1	VR156	DC V Meter(2) : more than 3.5V
Sensitivity	2	98.1 M	26	98.1	VR156	DC V Meter(2) : 0
	3	Repeat steps 1 and 2 until the adjustment standards are satisfied.				

SW2 ADJUSTMENT

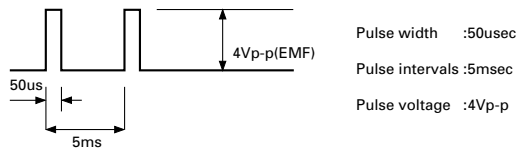
	No.	AM SSG		Displayed Frequency(MHz)	Adjustment Point	Adjustment Method (Switch Position)
		Frequency(MHz)	Level(dBμ)			
TUN Volt	1	.....	.....	21.975	T231	DC V Meter(3) : 6.0V

6.5 AM NOISE CANCELER ADJUSTMENT

Connection:



Setting of the pulse generator (setting of superimposed pulse)



Adjustment:

1. Setting of SSG

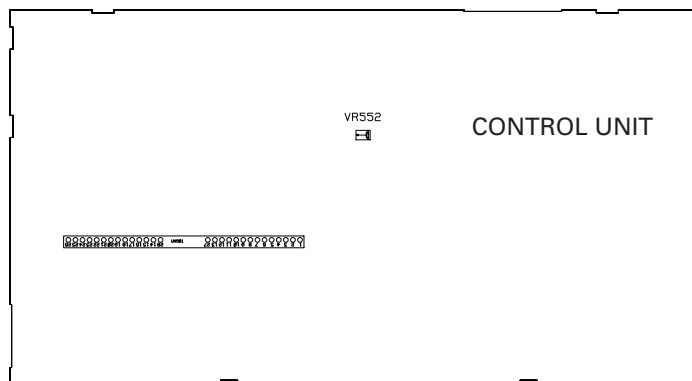
Receiving frequency : 1000 kHz
(GEX-T9006ZT/UC)
: 999 kHz
(GEX-T9006ZT/EW, ES,
GEX-T9106ZT/ES)

Percentage modulation : 30%

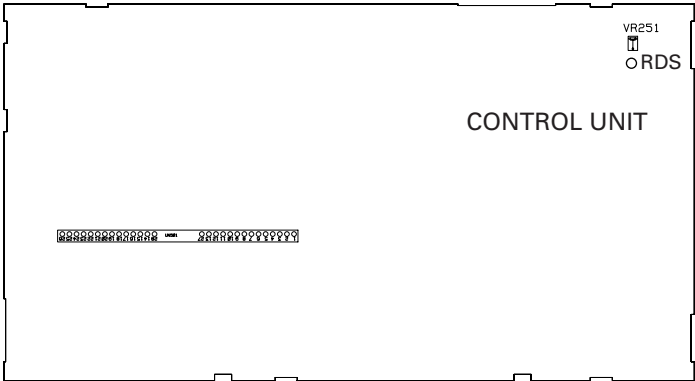
Modulation frequency : 400 Hz

Antenna input : 74 dBµV (EMF)

2. Set the system as shown in 1., then tune to a radio station.
3. Superimpose the pulse over signal to set modulation of SSG to OFF.
4. Use a noise meter to monitor output. Adjust VR552 to minimize the noise level.



6.6 ADJUST THE S METER FOR RDS OR RBDS(GEX-T9006ZT/UC, EW)



Input	Output	Adjustment	
		Adjustment Point	Adjustment Method
MAIN 400Hz Lch 54%(40.5kHz) PILOT 19kHz 10%(7.5kHz) RDS 57kHz 1.6%(1.2kHz) 104MHz Input a signal of 30 dBμ	Connect a voltmeter to the test point (RDS)	VR251	1.75V+0.05V -0.35V

7. GENERAL INFORMATION

7.1 DIAGNOSIS

7.1.1 DISASSEMBLY

● Removing the Bracket (Not shown)

Remove the six screws and then remove the three Brackets.(GEX-T9006ZT/UC)

Remove the four screws and then remove the two Brackets.(GEX-T9006ZT/EW, ES, GEX-T9106ZT/ES)

● Removing the Case Unit (Fig.1)

- ➡ 1** Remove the five screws and then remove the Case Unit.

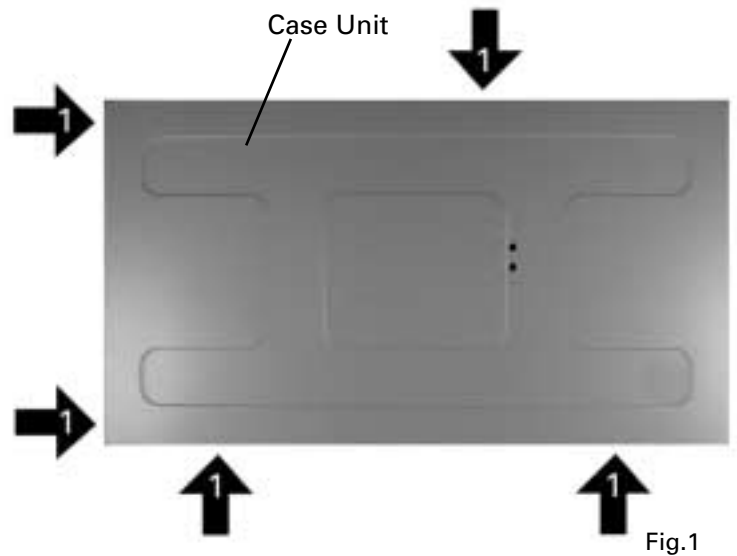


Fig.1

● Removing the Control Unit (Fig.2)

- ➡ 1** Straighten the tabs at two locations indicated.
- ➡ 2** Remove the four screws and then remove the Control Unit.

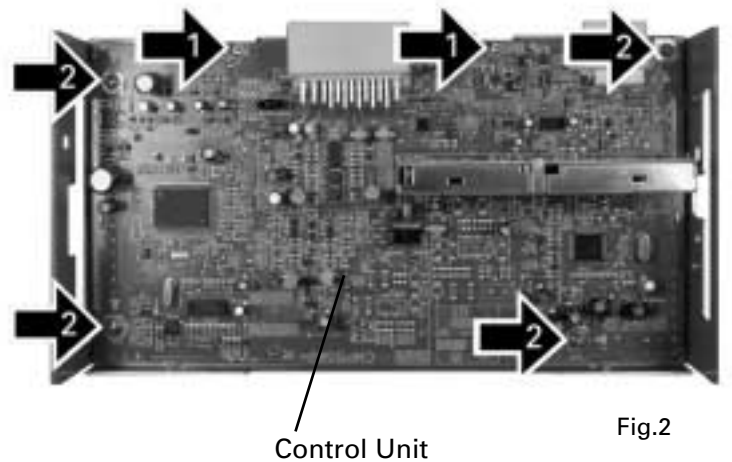
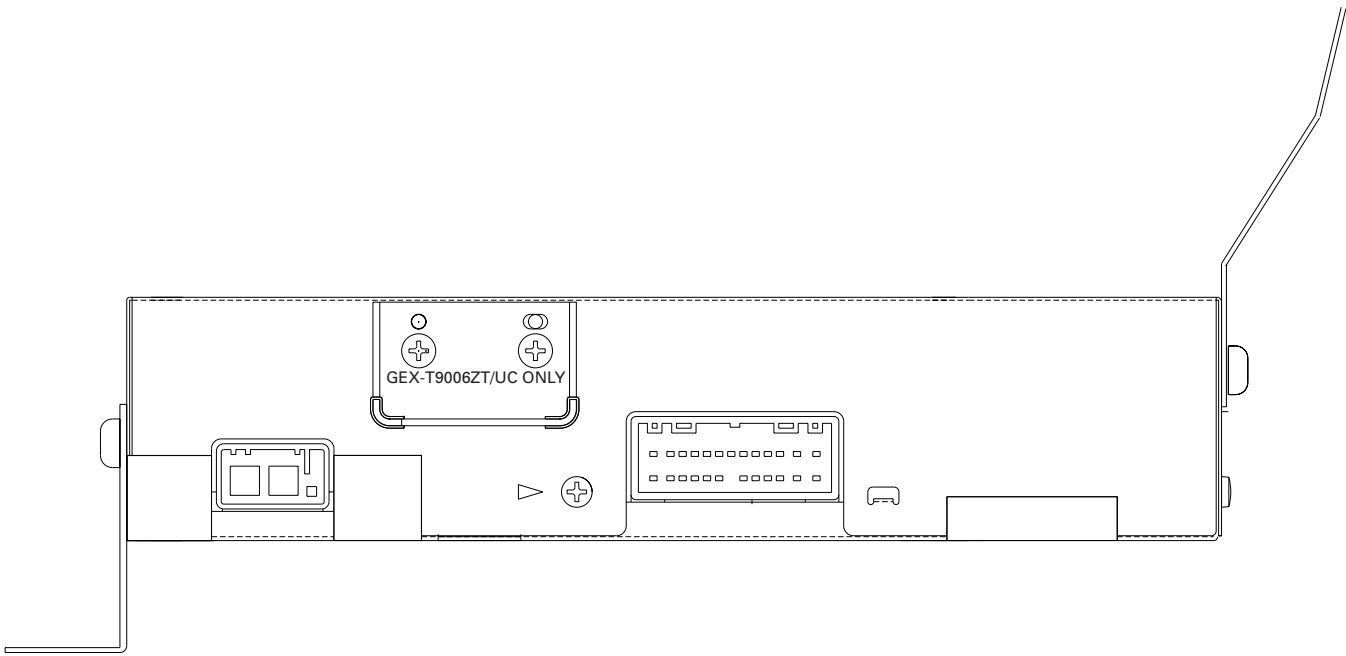


Fig.2

7.1.2 CONNECTOR FUNCTION DESCRIPTION



GEX-T9006ZT/UC, ES

MAIN	SUB	
------	-----	--

GEX-T9006ZT/EW, GEX-T9106ZT/ES

MAIN	SUB	CTRL
------	-----	------

		MUTE		TXS+	ATX+				L+	R+	SG	B
GND				TXS-	ATX-				L-	R-		ACC

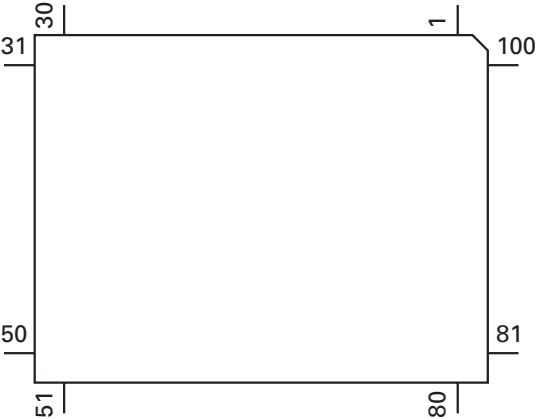
7.2 IC

● Pin Functions (PD5551A, PD5552A)

Pin No.	Pin Name	I/O	Function and Operation
1	SL	I	Signal level
2-6	NC		Not used
7	MDSN	I	Modulation
8	BYTE	I	VSS connection(single chip)
9	CNVSS	I	Processor mode switch input(VSS:single chip)
10, 11	NC		Not used
12	RESET		Reset input
13	XOUT		Main clock output
14	VSS		GND
15	XIN		Main clock input
16	VCC		Power supply(2.7-5.5V)
17	NMI	I	VDD connection
18	$\overline{RCK}$	I	RDS data clock
19	$\overline{LDET}$	I	PLL lock signal
20	NC		Not used
21	RX2	I	Bus data input 2
22	IPPW	O	Bus power supply output
23	NC		Not used
24	$\overline{DRST}$	O	RDS decoder IC reset
25	RDS57K	I	57kHzBP-OUT sense input
26	$\overline{CURRQ}$	O	RDS tuner voltage FIX output
27	SK	I	SK station receive signal
28	RDSLK	I	RDS station receive signal
29	RX1	I	Bus data input 1
30	TX	O	Bus data output
31	PDO	O	PLL IC communication data output
32	PDI	I	PLL IC communication data input
33	PCK	O	PLL IC communication clock output
34	PCE	O	PLL IC communication chip enable
35	NC		Not used
36	RDT	I	RDS data input
37-40	NC		Not used
41	$\overline{ANTFIX}$	O	Antenna fix output
42	NC		Not used
43	FMPW	O	FM power output
44	AMPW	O	AM power output
45	NC		Not used
46	MW	O	MW/LW band switch
47	SW2	O	SW2/SW1 band switch
48	LWANT	O	Antenna power/LOW band
49, 50	NC		Not used
51	MODE1	I	Model sense input 1
52	MODE2	I	Model sense input 2
53-61	NC		Not used
62	VDD		Power supply(2.7-5.5V)
63	NC		Not used
64	VSS		GND
65	$\overline{RDSMT}$	O	RDS mute
66	AMMUT	O	AM mute output
67	FMMUT	O	FM mute output
68	LANMUT	O	Bus mute output
69-71	NC		Not used
72	ACCPW	O	ACC power output
73	NC		Not used

Pin No.	Pin Name	I/O	Function and Operation
74	ASENS	I	ACC sense input
75	BSENS	I	Back up sense input
76, 77	NC		Not used
78	ANSW	O	Analog switch output
79	NC		Not used
80	MUTE_IN	I	Mute sense
81	TEST	I	Test mode input
82	RECIV	I	RDS data receive
83-88	NC		Not used
89	ST	I	Stereo indicator input
90	FMSD	I	FM SD input
91	NL	I	RDS noise level
92	CL	I	RDS tune off sense input
93	RDSL	I	RDS signal level
94, 95	NC		Not used
96	AVSS		A/D converter GND
97	NC		Not used
98	VREFA		A/D reference voltage input
99	AVDD		A/D converter power supply
100	NC		Not used

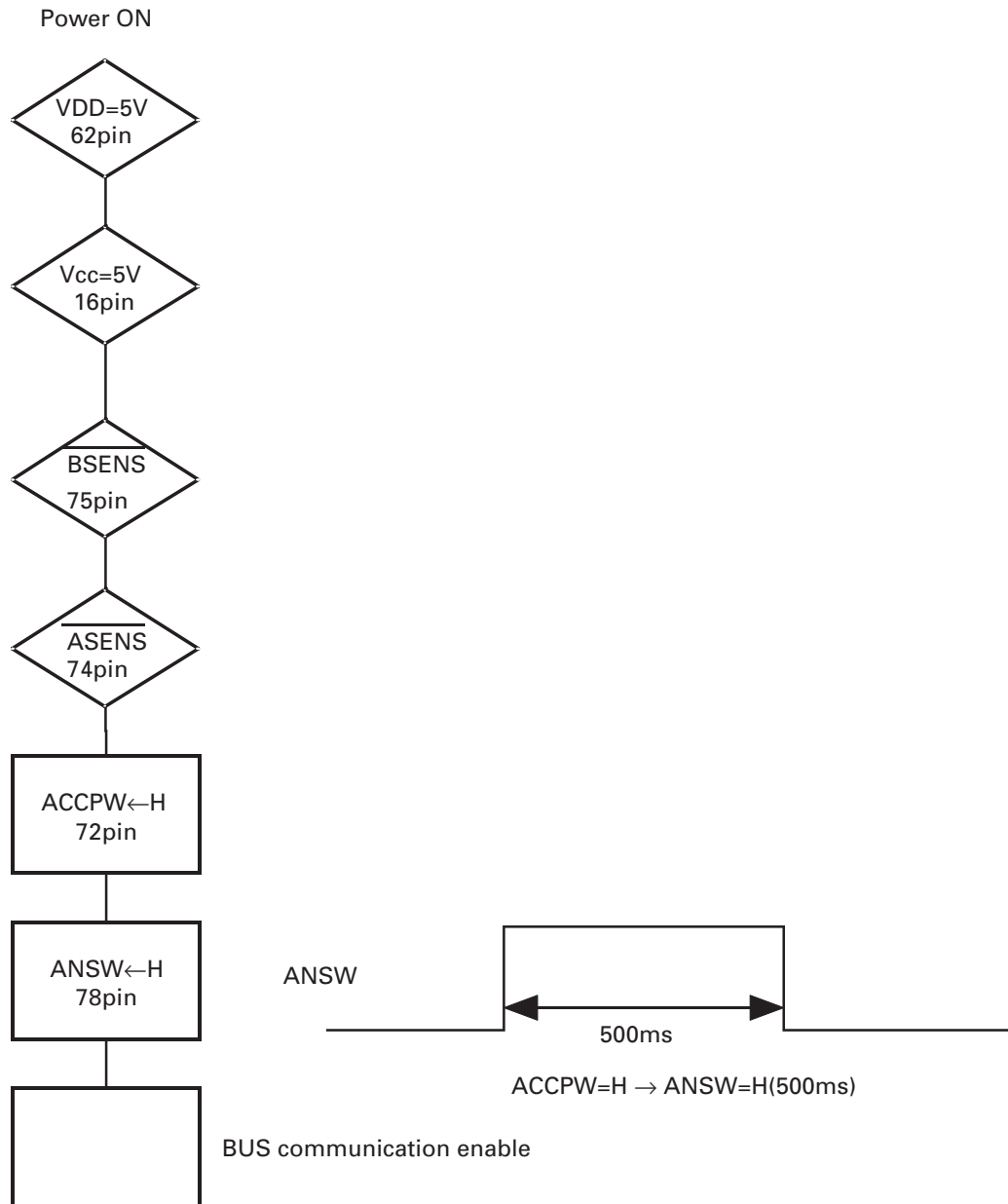
* PD5551A, PD5552A



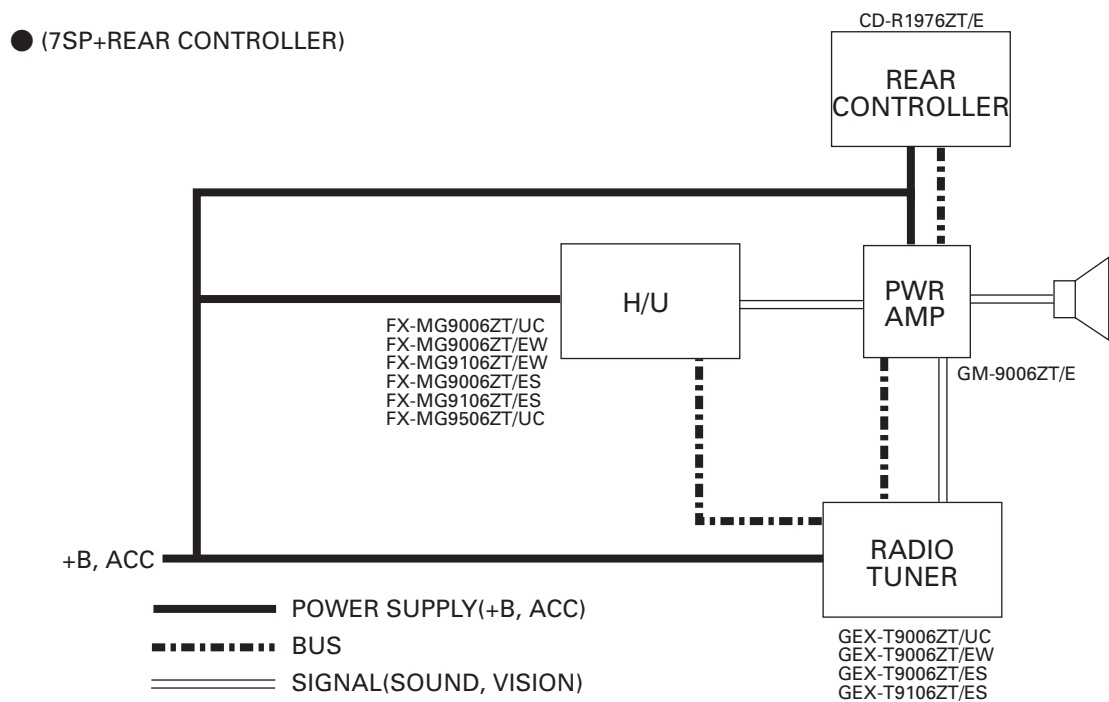
IC's marked by* are MOS type.
Be careful in handling them because they are very liable to be damaged by electrostatic induction.

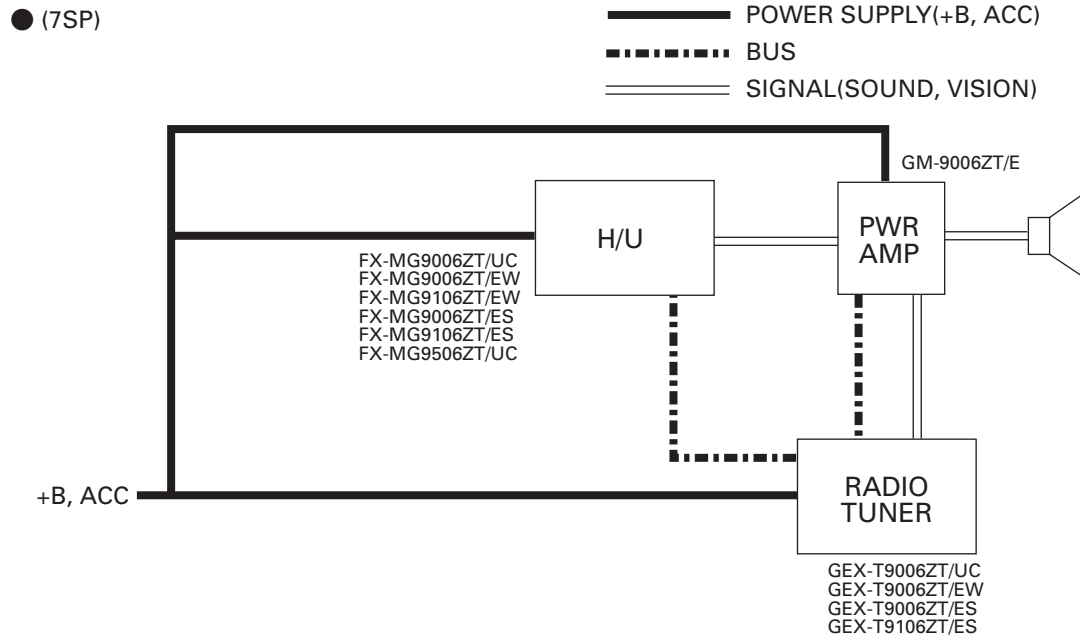
7.3 EXPLANATION

7.3.1 OPERATIONAL FLOW CHART



Completes power-on operation. (After that, proceed to each source operation.)





Power source.....	13.2 V(10.5V—16.0V allowable)
Electrode dark current.....	less than 1 mA
Grounding system.....	Negative type
Weight.....	0.821 (±0.044) kg (GEX-T9006ZT/UC) 0.818 (±0.044) kg (GEX-T9006ZT/EW) 0.815 (±0.044) kg (GEX-T9006ZT/ES) 0.817 (±0.044) kg (GEX-T9106ZT/ES)

Frequency range	87.75 — 107.9 MHz (GEX-T9006ZT/UC)
Frequency range.....	87.5 — 108.0 MHz (GEX-T9006ZT/EW, ES, GEX-T9106ZT/ES)
Usable sensitivity	7 dBμ ± 6dB (S/N: 30 dB) (GEX-T9006ZT/UC)
Usable sensitivity	6 dBμ ± 6dB (S/N: 30 dB) (GEX-T9006ZT/EW, ES, GEX-T9106ZT/ES)
Signal-to-noise ratio.....	more than 48 dB(stereo)
Distortion	less than 1.5%
Stereo separation.....	more than 25 dB (35 ± 10 dB, 1 kHz)

Frequency range	530 — 1,710 kHz	(GEX-T9006ZT/UC)
Frequency range	522 — 1,611 kHz	(GEX-T9006ZT/EW)
Frequency range	531 — 1,602 kHz	(GEX-T9006ZT/ES, GEX-T9106ZT/ES)
Usable sensitivity	28 dBμ+ 5dB, - 8dB (S/N: 20 dB)	(GEX-T9006ZT/UC)
Usable sensitivity	30 dBμ+ 4dB, - 8dB (S/N: 20 dB)	(GEX-T9006ZT/EW, ES)
Usable sensitivity	30 dBμ+ 5dB, - 8dB (S/N: 20 dB)	(GEX-T9106ZT/ES)
Selectivity	more than 50 dB (±10 kHz)	(GEX-T9006ZT/UC)
Selectivity	more than 50 dB (±9 kHz)	(GEX-T9006ZT/EW, ES, GEX-T9106ZT/ES)
Signal-to-noise ratio	more than 44 dB(74dBμ)	
Distortion	less than 1.0%	

Frequency range	153 — 279 kHz
Usable sensitivity	31 dBμ+ 5dB, - 8dB (S/N: 20 dB)
Selectivity	more than 50 dB (±9 kHz)
Signal-to-noise ratio	more than 40 dB(74dBμ)
Distortion	less than 1.5%

Frequency range.....	2,940 — 7,735 kHz (SW1)
	9,500 — 21,975 kHz (SW2)
Usable sensitivity	29 dBμ+ 6dB, - 9dB (S/N: 20 dB) (SW1)
	30 dBμ+ 6dB, - 9dB (S/N: 20 dB) (SW2)
Signal-to-noise ratio.....	more than 38 dB(74dBμ)
Distortion	less than 1.0%