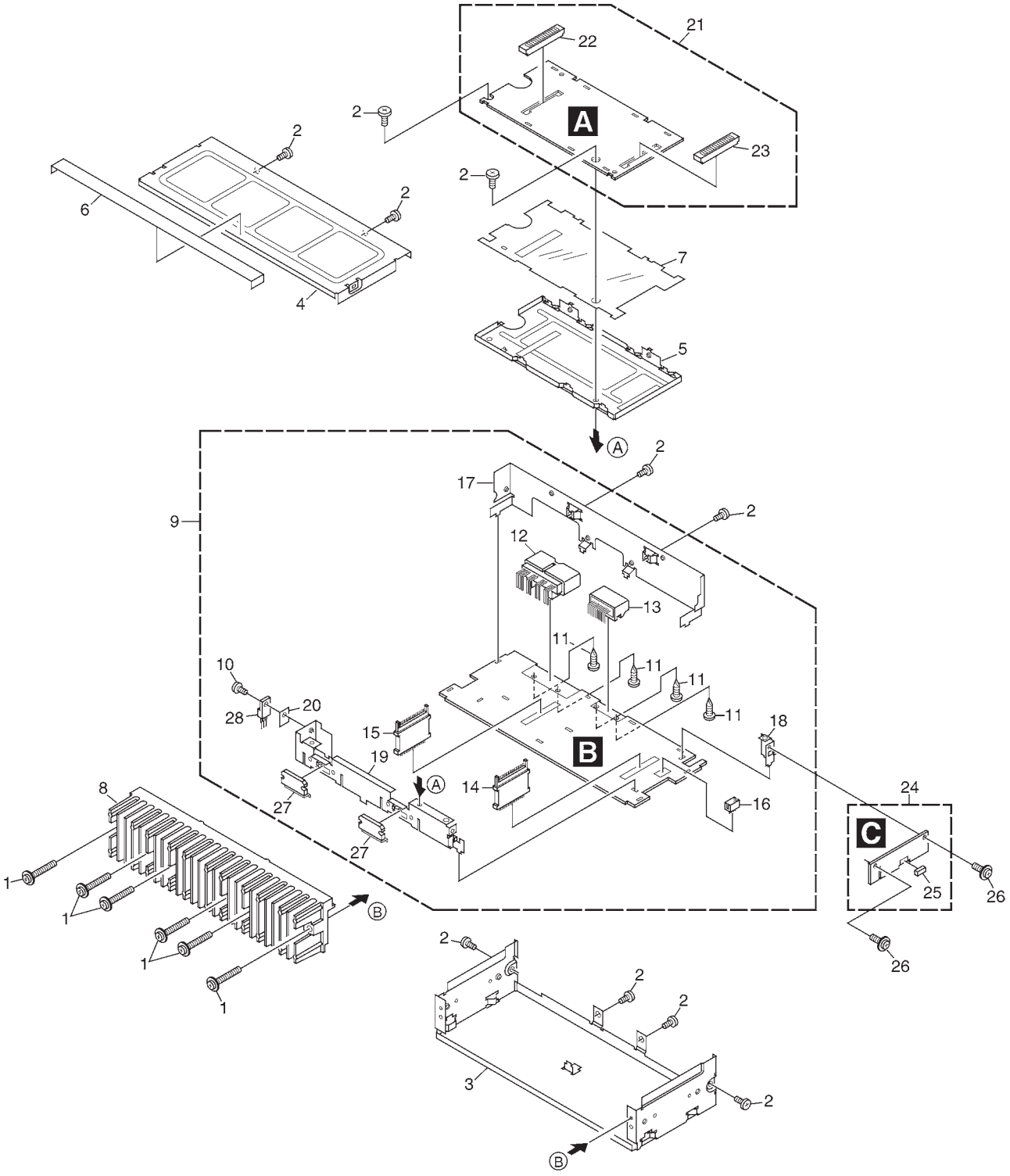
2. EXPLODED VIEWS AND PARTS LIST

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.
- For the applying amount of lubricants or glue, follow the instructions in this manual.
  (In the case of no amount instructions, apply as you think it appropriate.)

● EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	Screw	AMZ30P220FTC
	2	Screw	BSZ26P060FTC
	3	Chassis	CNA2493
	4	Case	CNB2743
	5	Shield Case	CND1276
	6	Seal	CNM6686
	7	Insulator	CNM7999
	8	Heat Sink	CNR1641
	9	Amp Assy	CWM8256
	10	Screw	BSZ26P080FTC
	11	Screw(M3x6)	CBA1393
	12	Connector(CN901)	CKM1363
	13	Connector(CN902)	CKM1364
	14	Plug(CN905)	CKS4569
	15	Plug(CN906)	CKS4569
	16	Connector(CN404)	CKS4639
	17	Bracket	CNC9890
	18	Holder	CNC9893
	19	Holder	CND1275
	20	Sheet	CNM7015
	21	DSP Unit	CWM8259
	22	Socket(CN101)	CKS4616
	23	Socket(CN102)	CKS4616
	24	ASL Unit	CWM8925
	25	Connector(CN403)	CKS4605
	26	Screw	IMS26P060FTC
	27	IC(IC802,803)	PAL006A
	28	IC(IC902)	BA178M05T

5. ELECTRICAL PARTS LIST

NOTE:

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

Chip Resistor

RS1/○S○○○J,RS1/○○S○○○J

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

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

A Unit Number : CWM8259
Unit Name : DSP Unit

MISCELLANEOUS

=====Circuit Symbol and No.		===Part Name	Part No.
IC	101	IC	PD5769B
IC	186	IC	S-80835CNUA-B8U
IC	191	IC	HA12187FP
IC	251	IC	AK4529XQ
IC	271	IC	TC7WU04F
IC	301	IC	AK7706VTA
IC	311	IC	AK7706VTA
IC	321	IC	IC62C1024AL-70TI
IC	351	IC	NJM4580MD
IC	361	IC	NJM4580MD
IC	371	IC	NJM4580MD
IC	451	IC	TC74HC4066AFT
IC	461	IC	TC74HC4066AFT
IC	471	IC	TC7W66FU
IC	551	IC	PM0017AM
Q	101	Transistor	DTA144EU
Q	102	Transistor	DTC144TU
Q	451	Transistor	FMG12
Q	453	Transistor	DTA114EU
Q	454	Transistor	DTA114EU
Q	461	Transistor	FMG12
Q	463	Transistor	DTA114EU
Q	464	Transistor	DTA114EU
Q	471	Transistor	FMG12
Q	473	Transistor	DTA114EU
Q	474	Transistor	DTA114EU
Q	851	Transistor	2SC4081
D	181	Diode	1SS355
D	182	Diode	1SS355
D	801	Diode	HZU3R3(B1)
D	851	Diode	HZU6R8(B2)
L	101	Inductor	LCTC1R0K2125
L	191	Inductor	CTF1305
L	192	Inductor	CTF1305
L	251	Inductor	LCTC1R0K2125
L	252	Inductor	LCTC1R0K2125
L	271	Inductor	LCTC1R0K2125
L	301	Inductor	LCTCR82K2125
L	311	Inductor	LCTCR82K2125
L	321	Inductor	LCTCR82K2125
L	811	Inductor	LCTC1R0K3216
L	812	Inductor	LCTC1R0K3216
L	821	Inductor	LCTA2R2J2520
L	822	Inductor	LCTA2R2J2520
X	101	Radiator 10.0MHz	CSS1607
X	271	Radiator 22.5792MHz	CSS1597

RESISTORS

=====Circuit Symbol and No.		===Part Name	Part No.
R	101		RS1/16S102J
R	102		RS1/16S473J
R	103		RS1/16S103J
R	104		RS1/16S102J
R	105		RS1/16S473J
R	107		RS1/16S102J
R	108		RS1/16S102J
R	109		RS1/16S681J
R	110		RS1/16S102J
R	111		RS1/16S473J
R	112		RS1/16S104J
R	113		RS1/16S104J
R	116		RS1/16S472J
R	117		RS1/16S102J
R	118		RS1/16S103J
R	119		RS1/16S102J
R	120		RS1/16S103J
R	121		RS1/16S102J
R	122		RS1/16S472J
R	123		RS1/16S473J
R	124		RS1/16S473J
R	125		RS1/16S473J
R	126		RS1/16S473J
R	127		RS1/16S102J
R	128		RS1/16S473J
R	130		RS1/16S473J
R	133		RS1/16S0R0J
R	137		RS1/16S102J
R	138		RS1/16S102J
R	139		RS1/16S102J
R	140		RS1/16S102J
R	141		RS1/16S102J
R	142		RS1/16S102J
R	147		RS1/16S102J
R	148		RS1/16S102J
R	149		RS1/16S102J
R	150		RS1/16S102J
R	151		RS1/16S102J
R	152		RS1/16S102J
R	153		RS1/16S102J
R	154		RS1/16S102J
R	155		RS1/16S102J
R	156		RS1/16S102J
R	157		RS1/16S102J
R	158		RS1/16S473J
R	159		RS1/16S102J
R	160		RS1/16S102J
R	161		RS1/16S102J
R	162		RS1/16S102J
R	163		RS1/16S102J

=====Circuit Symbol and No.	===Part Name	Part No.
R 164		RS1/16S102J
R 165		RS1/16S102J
R 166		RS1/16S102J
R 167		RS1/16S103J
R 168		RS1/16S102J
R 169		RS1/16S103J
R 170		RS1/16S473J
R 171		RS1/16S473J
R 172		RS1/16S473J
R 173		RS1/16S473J
R 182		RS1/16S473J
R 184		RS1/16S1003D
R 185		RS1/16S1003D
R 186		RS1/16S104J
R 191		RS1/16S102J
R 192		RS1/16S102J
R 193		RS1/16S473J
R 201		RS1/16S102J
R 203		RS1/16S102J
R 204		RS1/16S102J
R 205		RS1/16S102J
R 206		RS1/16S102J
R 207		RS1/16S102J
R 208		RS1/16S102J
R 209		RS1/16S102J
R 210		RS1/16S272J
R 251		RS1/16S102J
R 252		RS1/16S102J
R 253		RS1/16S102J
R 261		RS1/16S101J
R 262		RS1/16S101J
R 271		RS1/16S105J
R 272		RS1/16S680J
R 273		RS1/16S471J
R 301		RS1/16S221J
R 302		RS1/16S221J
R 303		RS1/16S221J
R 321		RS1/16S102J
R 322		RS1/16S102J
R 323		RS1/16S102J
R 324		RS1/16S102J
R 325		RS1/16S102J
R 326		RS1/16S473J
R 327		RS1/16S102J
R 328		RS1/16S102J
R 329		RS1/16S102J
R 330		RS1/16S102J
R 331		RS1/16S102J
R 332		RS1/16S102J
R 333		RS1/16S102J
R 334		RS1/16S102J
R 335		RS1/16S102J
R 336		RS1/16S102J
R 337		RS1/16S102J
R 338		RS1/16S102J
R 339		RS1/16S102J
R 340		RS1/16S102J
R 341		RS1/16S102J
R 342		RS1/16S102J
R 343		RS1/16S102J
R 344		RS1/16S102J
R 345		RS1/16S102J
R 346		RS1/16S102J
R 347		RS1/16S102J
R 348		RS1/16S102J

=====Circuit Symbol and No.	===Part Name	Part No.
R 351		RS1/16S332J
R 352		RS1/16S332J
R 353		RS1/16S183J
R 354		RS1/16S183J
R 355		RS1/16S822J
R 356		RS1/16S822J
R 357		RS1/16S273J
R 358		RS1/16S273J
R 359		RS1/16S103J
R 360		RS1/16S103J
R 361		RS1/16S332J
R 362		RS1/16S332J
R 363		RS1/16S183J
R 364		RS1/16S183J
R 365		RS1/16S822J
R 366		RS1/16S822J
R 367		RS1/16S273J
R 368		RS1/16S273J
R 369		RS1/16S103J
R 370		RS1/16S103J
R 371		RS1/16S332J
R 372		RS1/16S332J
R 373		RS1/16S183J
R 374		RS1/16S183J
R 375		RS1/16S822J
R 376		RS1/16S822J
R 377		RS1/16S273J
R 378		RS1/16S273J
R 379		RS1/16S103J
R 380		RS1/16S103J
R 391		RS1/16S101J
R 392		RS1/16S101J
R 393		RS1/16S101J
R 394		RS1/16S101J
R 395		RS1/16S101J
R 396		RS1/16S101J
R 451		RS1/16S472J
R 452		RS1/16S472J
R 453		RS1/16S104J
R 454		RS1/16S104J
R 455		RS1/16S102J
R 456		RS1/16S102J
R 457		RS1/16S472J
R 458		RS1/16S472J
R 461		RS1/16S472J
R 462		RS1/16S472J
R 463		RS1/16S104J
R 464		RS1/16S104J
R 465		RS1/16S102J
R 466		RS1/16S102J
R 467		RS1/16S472J
R 468		RS1/16S472J
R 471		RS1/16S472J
R 472		RS1/16S472J
R 473		RS1/16S104J
R 474		RS1/16S104J
R 475		RS1/16S102J
R 476		RS1/16S102J
R 477		RS1/16S472J
R 478		RS1/16S472J
R 801		RS1/16S271J
R 802		RS1/16S121J
R 851		RS1/16S271J

=====Circuit Symbol and No.	===Part Name	Part No.

CAPACITORS

C	101		CEVW100M16
C	102		CEVW100M16
C	103		CKSRYB105K10
C	104		CKSRYB103K50
C	105		CKSRYB103K50
C	106		CKSRYB102K50
C	107		CKSRYB102K50
C	186		CKSRYB102K50
C	187		CKSRYB103K50
C	191		CKSRYB103K50
C	251		CEVW100M16
C	252		CKSRYB104K16
C	253		CEVW100M16
C	254		CKSRYB104K16
C	255		CEVW2R2M50
C	256		CKSRYB104K16
C	261		CCSRCH101J50
C	262		CCSRCH101J50
C	263		CEVWNP2R2M35
C	264		CEVWNP2R2M35
C	271		CEVW100M16
C	272		CEVW100M16
C	273		CKSRYB103K50
C	275		CKSRYB102K50
C	276		CKSRYB102K50
C	301		CEVW100M16
C	302		CEVW100M16
C	303		CKSRYB103K50
C	304		CKSRYB104K16
C	305		CKSRYB104K16
C	306		CKSRYB104K16
C	307		CKSRYB104K16
C	308		CKSRYB104K16
C	311		CEVW100M16
C	312		CEVW100M16
C	313		CKSRYB103K50
C	314		CKSRYB104K16
C	315		CKSRYB104K16
C	316		CKSRYB104K16
C	317		CKSRYB104K16
C	318		CKSRYB104K16
C	321		CEVW100M16
C	322		CEVW100M16
C	323		CKSRYB103K50
C	351		CKSRYB182K50
C	352		CKSRYB182K50
C	353		CEVWNP100M16
C	354		CEVWNP100M16
C	355		CKSRYB102K50
C	356		CKSRYB102K50
C	357		CCSRCH101J50
C	358		CCSRCH101J50
C	359		CKSRYB103K50
C	361		CKSRYB182K50
C	362		CKSRYB182K50
C	363		CEVWNP100M16
C	364		CEVWNP100M16
C	365		CKSRYB102K50
C	366		CKSRYB102K50
C	367		CCSRCH101J50
C	368		CCSRCH101J50
C	369		CKSRYB103K50
C	371		CKSRYB182K50
C	372		CKSRYB182K50
C	373		CEVWNP100M16

=====Circuit Symbol and No.	===Part Name	Part No.
C	374	CEVWNP100M16
C	375	CKSRYB102K50
C	376	CKSRYB102K50
C	377	CCSRCH101J50
C	378	CKSRYB472K50
C	379	CKSRYB103K50
C	451 4.7µF/25V	CCH1451
C	452 4.7µF/25V	CCH1451
C	453	CEVW220M10
C	454	CEVW220M10
C	461 4.7µF/25V	CCH1451
C	462 4.7µF/25V	CCH1451
C	463	CEVW220M10
C	464	CEVW220M10
C	471 4.7µF/25V	CCH1451
C	472 4.7µF/25V	CCH1451
C	473	CEVW220M10
C	474	CEVW220M10
C	551	CKSYB105K16
C	552	CKSYB105K16
C	553	CKSYB105K16
C	554	CKSYB105K16
C	555	CKSYB105K16
C	556	CKSYB105K16
C	561	CEVWNP2R2M35
C	562	CEVWNP2R2M35
C	563	CEVWNP2R2M35
C	564	CEVWNP2R2M35
C	565	CEVWNP2R2M35
C	566	CEVWNP2R2M35
C	572	CKSRYB104K16
C	573	CEVW100M16
C	574	CKSRYB473K50
C	591	CEVW100M50
C	801	CEVW101M16
C	802	CKSRYB102K50
C	811	CKSRYB103K50
C	812	CKSRYB103K50
C	821	CKSRYB103K50
C	822	CKSRYB103K50
C	831	CKSRYB103K50
C	851	CEVW100M16
C	852	CKSRYB103K50
C	853	CKSRYB103K50
C	854	CKSRYB103K50
C	901	CKSRYB102K50
C	902	CKSRYB102K50
C	903	CKSRYB102K50
C	904	CKSRYB102K50
C	905	CKSRYB102K50
C	907	CKSRYB102K50

C Unit Number : CWM8925
Unit Name : ASL Unit

MISCELLANEOUS

IC	401	IC	NJM4580MD
IC	402	IC	NJM4580MD
Q	401	Transistor	2SC4081
D	401	Diode	HZU4R3(B3)
D	402	Diode	1SS355
VR	401	Semi-fixed 3.3kΩ(OB)	CCP1393
MIC	401	Microphone	CPM1011

			=====Circuit Symbol and No.===Part Name	Part No.
			RESISTORS	
R	401			RS1/16S222J
R	402			RS1/16S683J
R	403			RS1/16S103J
R	404			RS1/16S472J
R	405			RS1/16S471J
R	406			RS1/16S271J
R	407			RS1/16S684J
R	408			RS1/16S682J
R	409			RS1/16S472J
R	410			RS1/16S472J
R	411			RS1/16S473J
R	412			RS1/16S153J
R	413			RS1/16S153J
R	414			RS1/16S101J
R	417			RS1/16S1800D
R	418			RS1/16S562J
R	419			RS1/16S1002D
R	420			RS1/16S2002D
R	422			RS1/16S121J
R	425			RS1/16S472J
			CAPACITORS	
C	401			CEJQ470M10
C	402			CEJQ470M10
C	403			CEALR68M50
C	404			CEJQ100M50
C	405			CEJQ470M10
C	406			CCSRCH101J50
C	407			CEJQ470M10
C	408			CEJQ100M50
C	409			CKSRYB473K25
C	410			CEJQNP220M10
C	411			CKSRYB104K16
C	412			CEJQNP100M16
C	413			CEJQNP4R7M16
C	414			CKSRYB103K50
C	415			CKSRYB223K50
C	416			CKSRYB474K10

B Unit Number : CWM8256
Unit Name : Amp Assy

			MISCELLANEOUS	
IC	501	IC		NJM4580MD
IC	640	IC		NJM4580MD
IC	701	IC		NJM4580MD
IC	751	IC		NJM4580MD
IC	802	IC		PAL006A
IC	803	IC		PAL006A
IC	901	IC		NJM2930F08K
IC	902	IC		BA178M05T
IC	903	IC		S-812C56AUA-C3K
Q	601	Transistor		2SA1576
Q	621	Transistor		2SA1576
Q	631	Transistor		2SC4081
Q	632	Transistor		2SD1757K
Q	633	Transistor		DTC114EU
Q	634	Transistor		DTC114EU
Q	802	Transistor		DTA124EU
Q	803	Transistor		DTA124EU
Q	831	Transistor		2SC4081
Q	832	Transistor		2SC4081
Q	833	Transistor		2SC4081

			=====Circuit Symbol and No.===Part Name	Part No.
Q	901	Transistor		2SD1767
Q	902	Transistor		2SA1576
Q	903	Transistor		2SC4081
Q	904	Transistor		2SB1260
Q	905	Transistor		DTA114EU
Q	906	Transistor		2SB1260
Q	907	Transistor		2SA1587
Q	908	Transistor		2SC4081
Q	909	Transistor		DTC144TU
Q	913	Transistor		DTC144EU
Q	921	Transistor		2SC4081
Q	922	Transistor		DTC144TU
D	601	Diode		1SS355
D	621	Diode		1SS355
D	631	Diode		HZU8R2(B3)
D	632	Diode		1SS355
D	830	Diode		UDZS7R5(B)
D	901	Diode		RM4LFJ10
D	902	Diode		1SS355
D	903	Diode		MPG06G-6415G50
D	904	Diode		UDZS16(B)
D	905	Diode		MPG06G-6415G50
D	907	Diode		HZU3R3(B1)
D	908	Diode		MPG06G-6415G50
D	910	Diode		1SS355
D	921	Diode		HZU8R2(B1)
D	922	Diode		HZU8R2(B2)
D	951	Diode		UDZS18(B)
D	952	Diode		UDZS18(B)
L	901	Choke Coil 360µH		CTH1268
			RESISTORS	
R	501			RS1/16S1002D
R	502			RS1/16S1002D
R	503			RS1/16S1002D
R	504			RS1/16S1002D
R	505			RS1/16S3901D
R	506			RS1/16S3901D
R	507			RS1/16S3901D
R	508			RS1/16S3901D
R	509			RS1/16S4702D
R	510			RS1/16S4702D
R	511			RS1/16S4702D
R	512			RS1/16S4702D
R	513			RS1/16S4702D
R	514			RS1/16S4702D
R	515			RS1/16S4702D
R	516			RS1/16S4702D
R	517			RS1/16S101J
R	518			RS1/16S101J
R	601			RS1/16S912J
R	602			RS1/16S472J
R	621			RS1/16S912J
R	622			RS1/16S472J
R	631			RS1/16S104J
R	632			RS1/16S473J
R	633			RS1/16S222J
R	634			RS1/16S103J
R	635			RS1/16S103J
R	636			RS1/16S333J
R	637			RS1/16S272J
R	638			RS1/16S333J
R	640			RS1/16S5601D
R	641			RS1/16S5601D
R	644			RS1/16S1002D
R	645			RS1/16S1002D
R	648			RS1/16S1202D

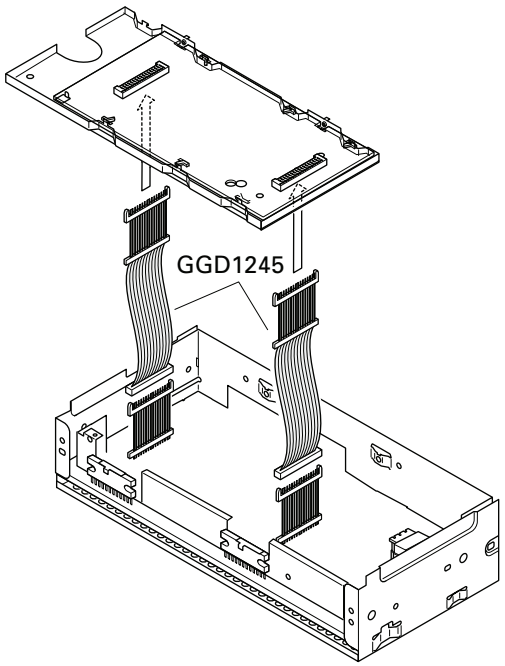
=====Circuit Symbol and No.	===Part Name	Part No.
R 649		RS1/16S1202D
R 652		RS1/16S2002D
R 653		RS1/16S2002D
R 654		RS1/16S101J
R 703		RS1/16S822J
R 704		RS1/16S822J
R 705		RS1/16S303J
R 706		RS1/16S303J
R 707		RS1/16S223J
R 708		RS1/16S223J
R 709		RS1/16S123J
R 710		RS1/16S123J
R 719		RS1/16S201J
R 721		RS1/16S474J
R 722		RS1/16S474J
R 725		RS1/16S101J
R 726		RS1/16S101J
R 731		RS1/16S912J
R 732		RS1/16S912J
R 733		RS1/16S101J
R 734		RS1/16S101J
R 751		RS1/16S101J
R 752		RS1/16S912J
R 753		RS1/16S822J
R 756		RS1/16S223J
R 758		RS1/16S223J
R 760		RS1/16S103J
R 762		RS1/16S101J
R 803		RS1/16S184J
R 804		RS1/16S184J
R 832		RS1/16S271J
R 833		RS1/16S271J
R 835		RS1/16S472J
R 836		RS1/16S472J
R 837		RS1/8S272J
R 838		RS1/16S182J
R 839		RS1/16S183J
R 901		RS1/8S472J
R 902		RS1/8S222J
R 903		RS1/16S182J
R 904		RS1/16S562J
R 905		RS1/16S471J
R 908		RS1/16S473J
R 909		RS1/16S103J
R 910		RS1/10S331J
R 911		RS1/16S103J
R 912		RS1/10S561J
R 914		RS1/16S121J
R 915		RS1/16S101J
R 916		RS1/10S121J
R 917		RS1/10S151J
R 920		RS1/10S121J
R 921		RS1/10S151J
R 923		RS1/16S362J
R 924		RS1/16S473J
R 925		RS1/16S104J
R 926		RS1/16S473J
R 927		RS1/16S104J
R 935		RS1/16S183J
R 936		RS1/16S103J
R 939		RS1/16S432J
R 940		RS1/16S512J
R 951		RS1/4S101J
R 952		RS1/4S101J

CAPACITORS

=====Circuit Symbol and No.	===Part Name	Part No.
C 501		CEAT4R7M50
C 502		CEAT4R7M50
C 503		CEAT4R7M50
C 504		CEAT4R7M50
C 505		CCSRCH220J50
C 506		CCSRCH220J50
C 507		CKSRYB473K25
C 601		CKSQYB473K50
C 621		CKSQYB473K50
C 631		CEAT4R7M50
C 640		CEAT4R7M50
C 641		CEAT4R7M50
C 644		CCSRCH101J50
C 646		CKSRYB473K25
C 701		CCSRCH101J50
C 702		CCSRCH101J50
C 706		CKSRYB183K50
C 707		CKSRYB224K10
C 708		CKSRYB473K25
C 752		CKSRYB103K50
C 754		CKSRYB223K50
C 755		CKSRYB473K50
C 803		CFTNA224J50
C 804		CFTNA224J50
C 805		CFTNA224J50
C 806		CFTNA224J50
C 807		CFTNA224J50
C 808		CFTNA224J50
C 813		CFTNA224J50
C 814		CFTNA105J50
C 815		CFTNA105J50
C 816		CFTNA224J50
C 817		CEAT100M50
C 818		CEAT100M50
C 823		CKSQYB104K50
C 824		CEHAT221M25
C 825		CKSQYB104K25
C 826		CEHAT221M25
C 827		CKSQYB104K25
C 828		CKSQYB104K25
C 909		CKSRYB473K25
C 910		CEAT221M10
C 911		CKSRYB473K25
C 912		CEAT471M25
C 913	100µF/10V	CCH1282
C 914		CKSRYB473K25
C 915		CKSRYB103K50
C 916		CKSRYB103K50
C 917		CKSQYB103K50
C 918		CKSQYB224K25
C 919		CKSQYB103K50
C 920		CKSQYB103K50
C 921		CEHAT331M10
C 922	100µF/10V	CCH1282
C 923	100µF/10V	CCH1282
C 924	100µF/10V	CCH1282
C 925		CKSRYB104K16
C 928		CEAT3R3M50
C 931	6800µF/16V	CCH1390
C 932		CEAT1R0M50
C 933		CEAT331M25
C 935		CEATR22M50
C 936		CEAT1R0M50
C 951		CKSQYB221K50
C 952		CKSQYB221K50

	=====Circuit Symbol and No.===Part Name	Part No.
C 953		CKSQYB221K50
C 954		CKSQYB221K50
C 955		CKSQYB221K50
C 956		CKSQYB221K50
C 957		CKSQYB221K50
C 958		CKSQYB221K50
C 961		CKSQYB332K50
C 962		CKSQYB332K50
C 963		CKSQYB332K50
C 964		CKSQYB332K50
C 965		CKSQYB332K50
C 966		CKSQYB332K50
C 967		CKSQYB332K50
C 968		CKSQYB332K50
C 969		CKSQYB332K50
C 970		CKSQYB332K50
C 971		CKSQYB332K50
C 972		CKSQYB332K50
C 973		CKSQYB332K50
C 974		CKSQYB332K50

6. ADJUSTMENT

● Jigs

When attaching the DSP unit to the Amp assy, use "Jigs" (GGD1245).