

Service Manual

ORDER NO.
CRT6205

ACTIVE SUBWOOFER

TS-WX300A

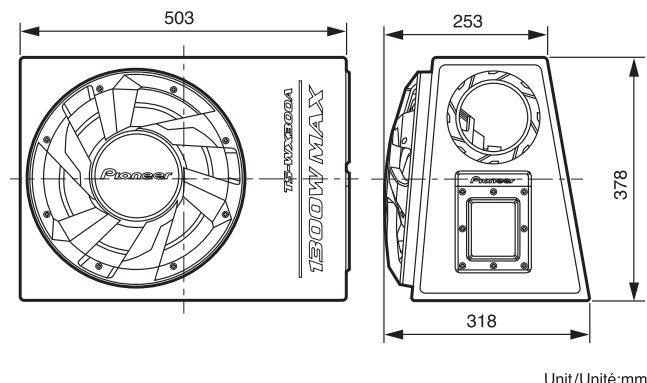
THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
TS-WX300A	XCNEL5	————	

1. SPECIFICATIONS

- Maximum music power.....1300 W
- Nominal power.....350 W
- Speaker specifications
 - Size..... ϕ 30 cm
- Amplifier
 - Input level (at Gain Max)
 - (RCA).....100 mV+100 mV/22 k Ω
 - (Speaker line)2 V+2 V/5 k Ω
 - Power source.....DC 14.4 V (10.8 V to 15.1 V allowable)
 - Max. current consumption13 A
 - Grounding.....Negative ground
- Speaker system.....Bass reflex type
- Frequency response.....20 Hz to 130 Hz (–20 dB)
- Sensitivity (In car, input : 2 V)113 dB $\pm$ 1.5 dB
- Size.....503 mm (W) $\times$ 318 mm (D) $\times$ 378 mm (H)
- Weight (including accessory parts).....10.3 kg
- Gross weight (including packaging).....11.9 kg

● Figure of Measurement



Unit/Unité:mm

Note:

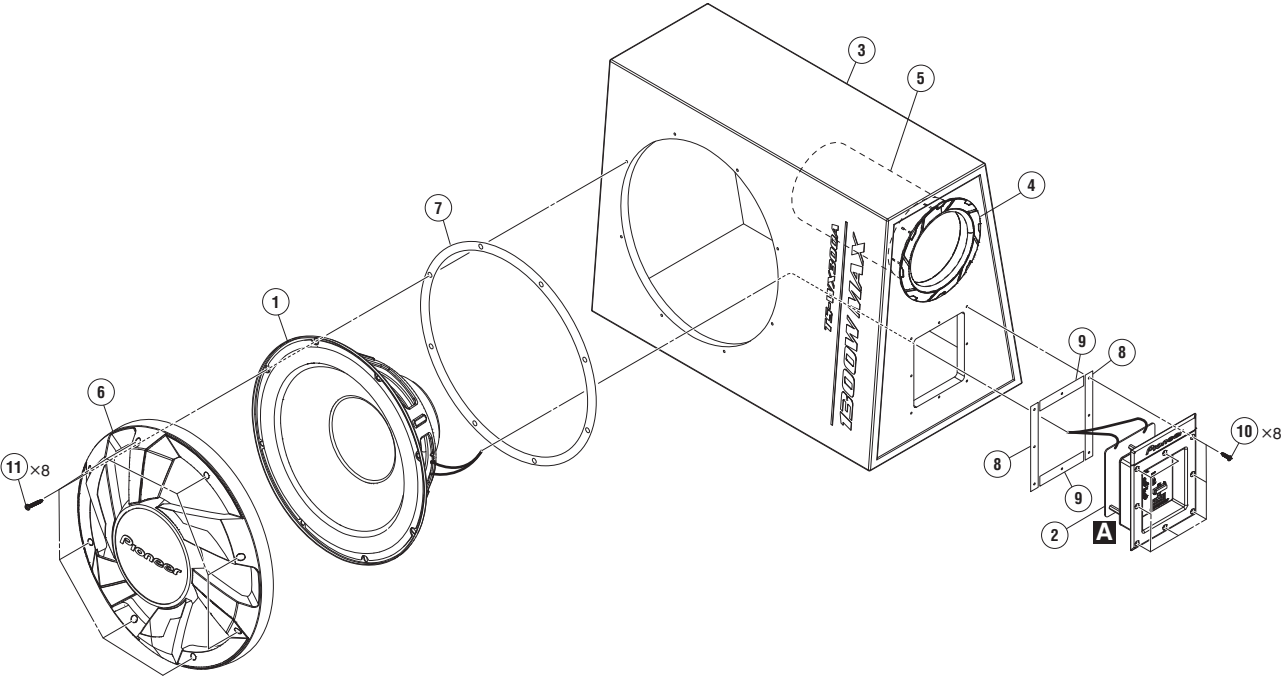
Specifications and the design are subject to possible modification without notice due to improvements.

1234

2. EXPLODED VIEWS AND PARTS LIST

- NOTES:
- Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.
 - The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - Screws adjacent to ▼ mark on 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.)

2.1 EXTERIOR SECTION



EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.	Remarks	Mark	No.	Description	Part No.	Remarks
	1	Woofer	02.SA200010	×1	6	Grille	01.E9500359	×1	
	2	AMP Unit	02.P0030037	×1	7	Packing	01.P0500169	×1	
NSP	3	Cabinet	01.P0102045	×1	8	Packing	01.P0500171	×2	
NSP	4	Port Duct	01.P2500080	×1	9	Packing	01.P0500172	×2	
NSP	5	Port	01.P2500081	×1	10	Screw	01.E8200325	×8	
					11	Screw	01.E8200665	×8	

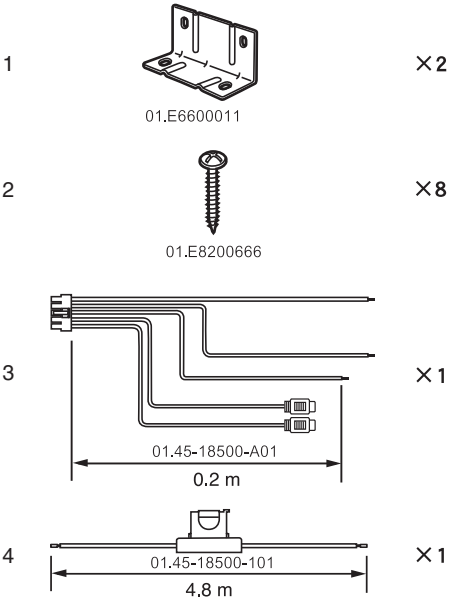
2.2 ACCESSORIES and PACKING SECTION

• ACCESSORIES SECTION PARTS LIST

Mark	No.	Description	Part No.	Remarks
	1	Bracket	01.E6600011	×2
	2	Screw	01.E8200666	×8
	3	Cord (0.2 m)	01.45-18500-A01	×1
	4	Cord (4.8 m)	01.45-18500-101	×1
		Operating Instructions	01.E91B1169	×1
NSP		Warranty	CRY1376	×1

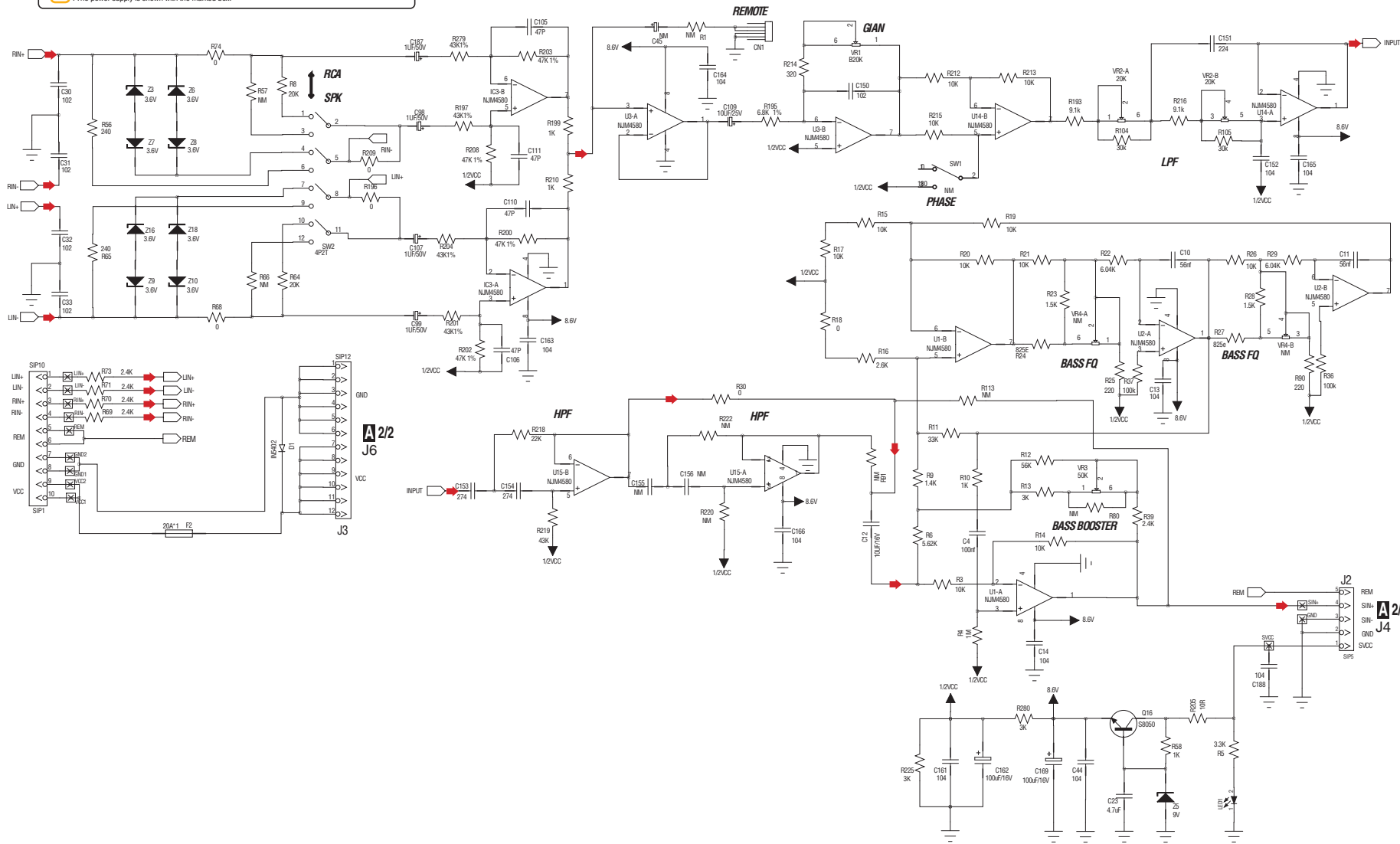
• PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.	Remarks
		Packing Case	01.E9102506	×1
		Protector	01.E9130341	×1
		Protector	01.E9130342	×1



3. SCHEMATIC DIAGRAM

- When ordering service parts, be sure to refer to "EXPLODED VIEWS AND PARTS LIST" or "PCB PARTS LIST".
- The Δ mark found on some component parts indicates the importance of the safety factor of the part.
- Therefore, when replacing, be sure to use parts of identical designation.
- The power supply is shown with the marked box.



➔ : AUDIO SIGNAL ROUTE

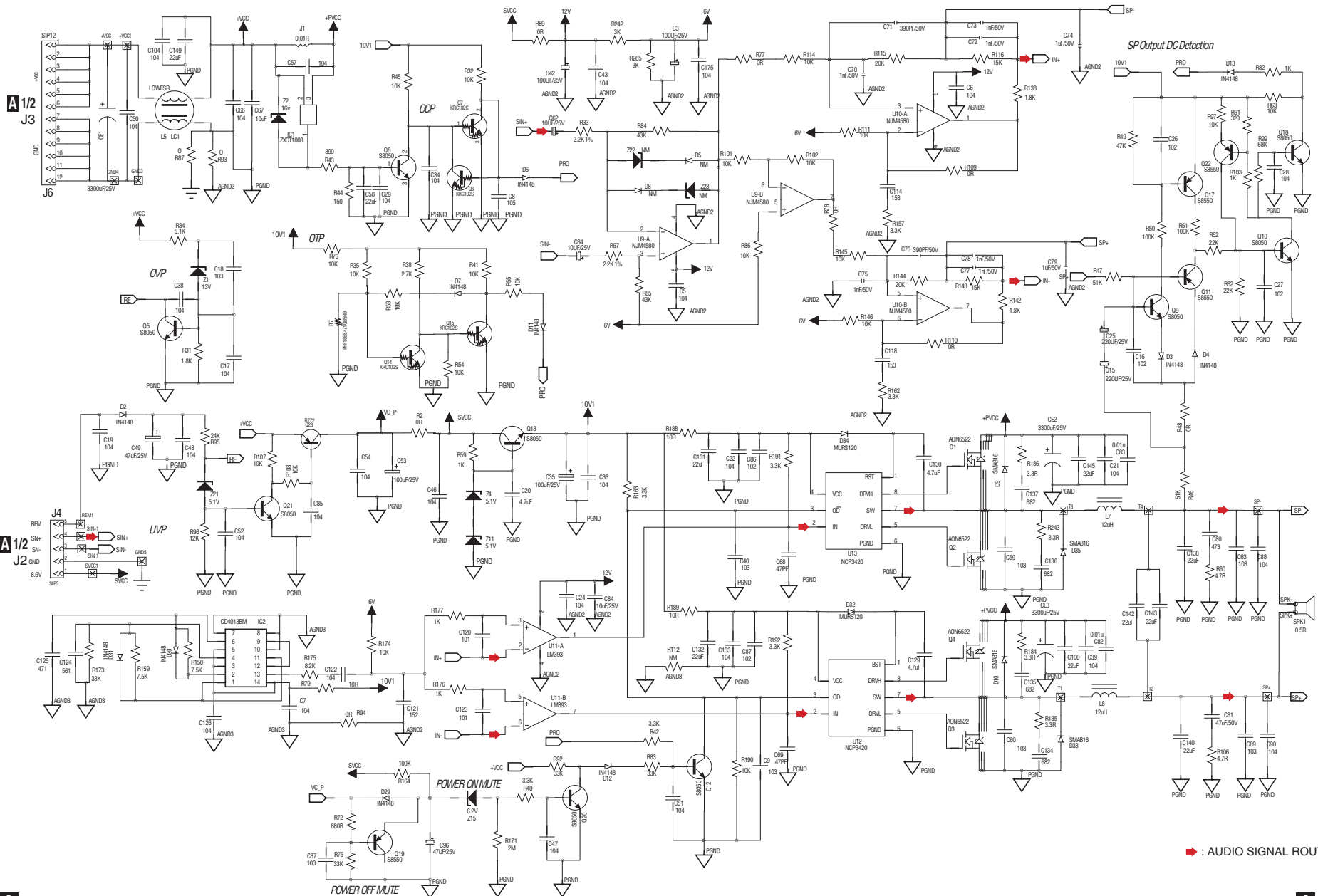
3. SCHEMATIC DIAGRAM

3.1 AMP UNIT (1/2)

A1/2

A1/2

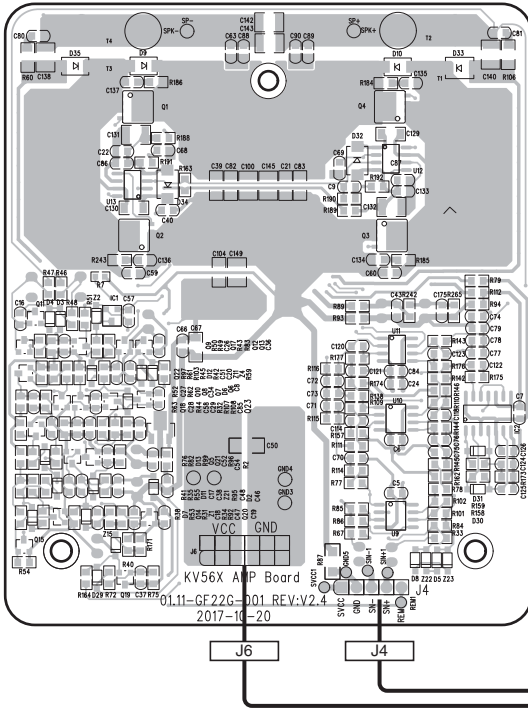
A 2/2 AMP UNIT (02.P0030037)



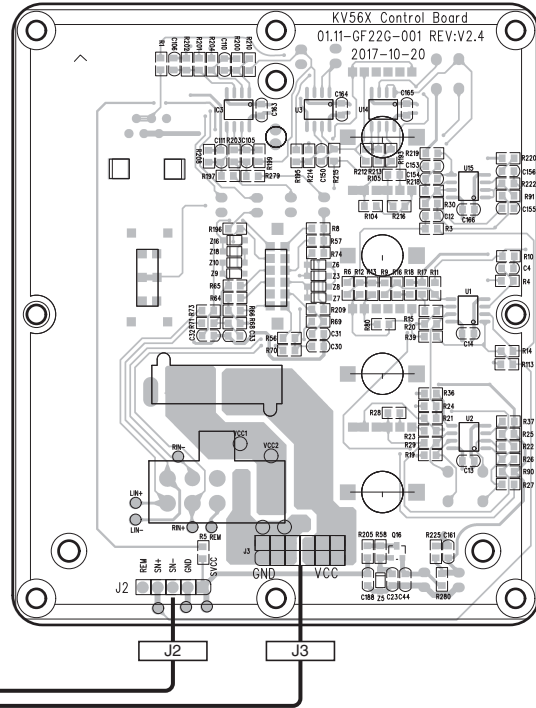
△

SIDE A

A AMP UNIT (2/2)



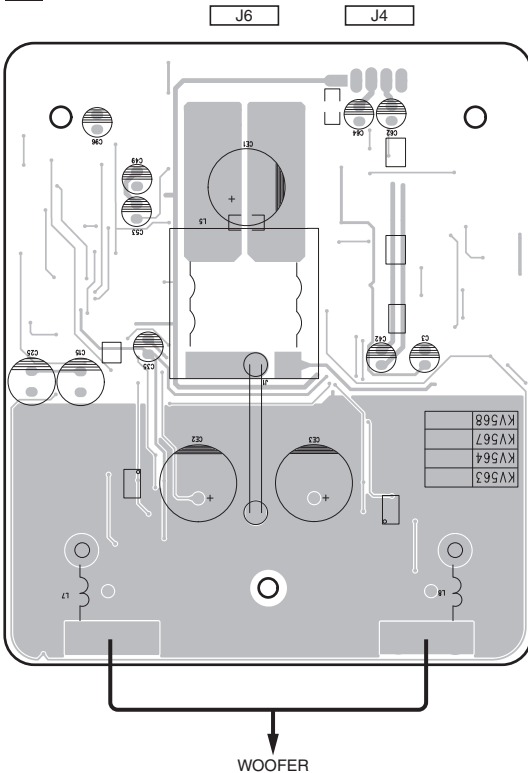
A AMP UNIT (1/2)



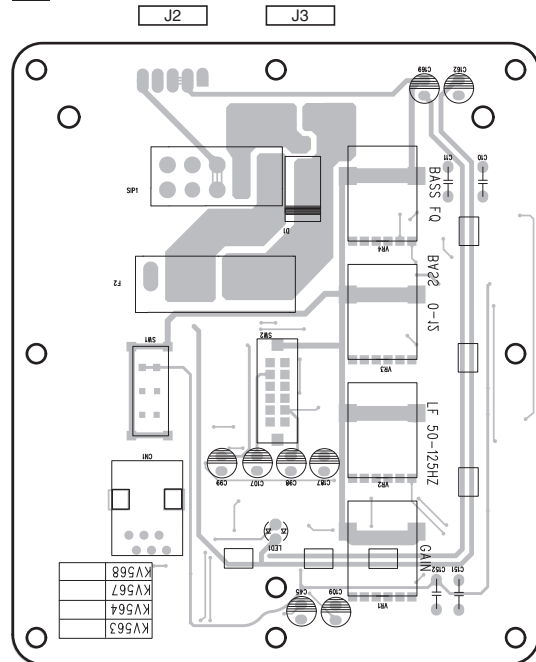
SIDE B

SIDE B

A AMP UNIT (2/2)



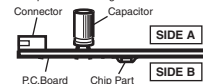
A AMP UNIT (1/2)



NOTE FOR PCB DIAGRAMS :

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

2. View point of PCB diagrams.



A

A

Mark	No.	Description	Part No.
A	C	43,44,46-48,51,52,54,57,66,85,88,90	CKSQYB104J25
	C	122,126,133,161,163-166,175,188	CKSQYB104J25
	C	8,74,79	CKSQYB105K50
	C	12,84	CKSQYB106K25
	C	58	CKSQYB227K16
	C	125	CKSQYB471J50
	C	80,81	CKSQYB473K50
	C	20,23	CKSQYB475K25
	C	134-137	CKSQYB682J25
	C	82,83	CKSYB103J25
B	C	21,39,50	CKSYB104K2A
	C	67	CKSYB106K25
	C	129,130	CKSYB475K25

■

C

■

D

■

E

■

F