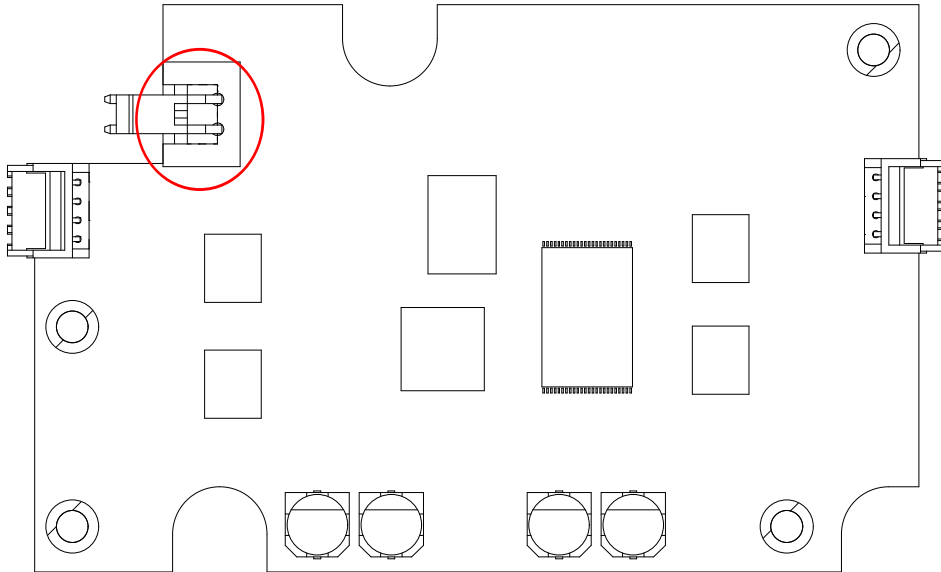
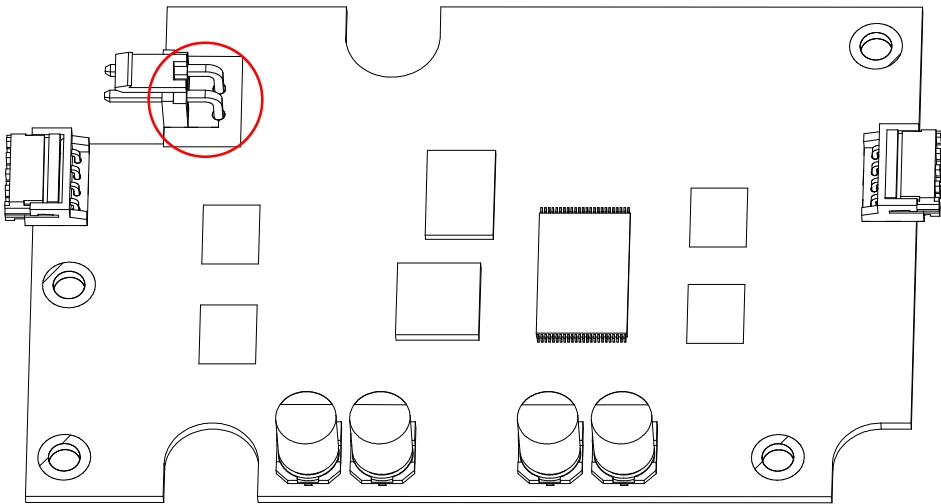
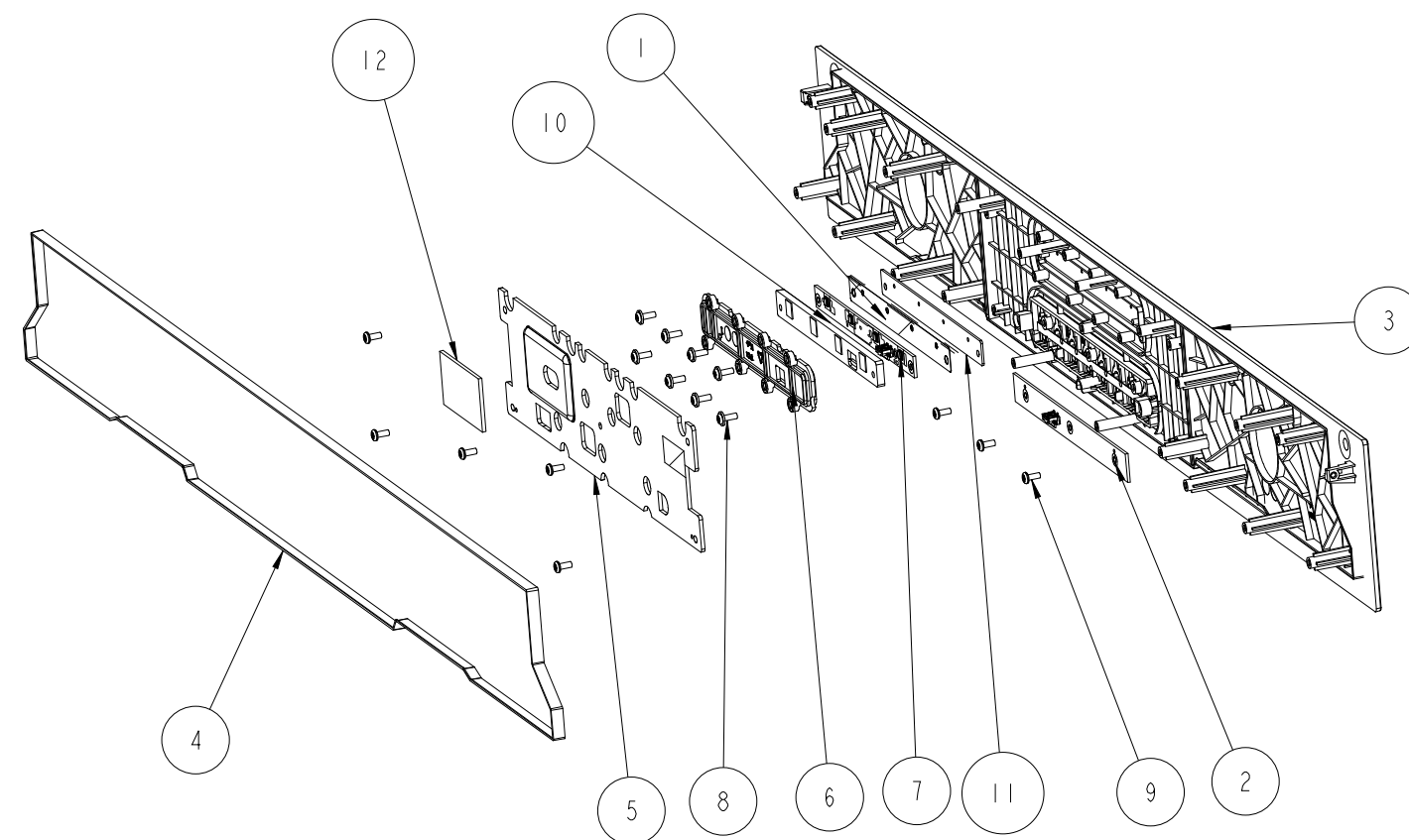


Note:
Fix the capacitor with glue.



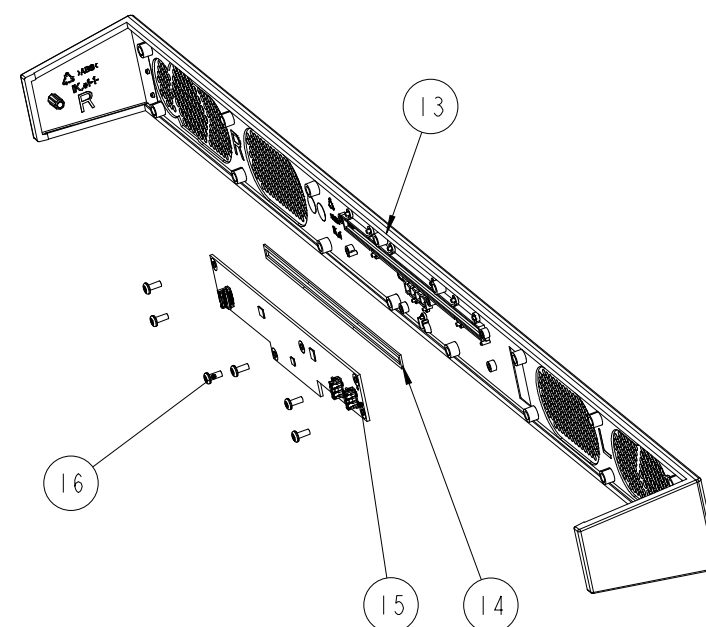
Applying Area: 3 +/- 1mm (Components around)

Top cover Assembly



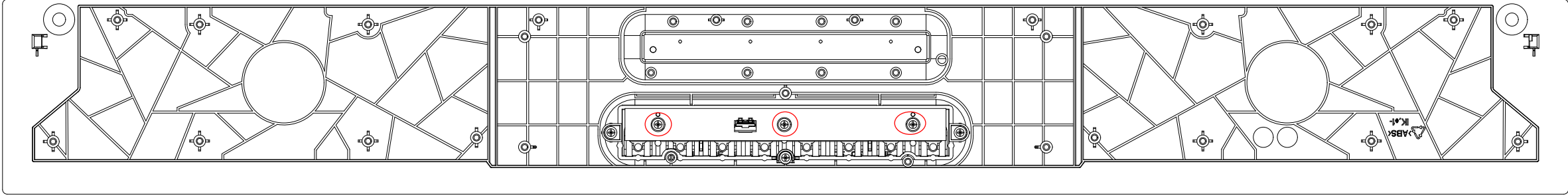
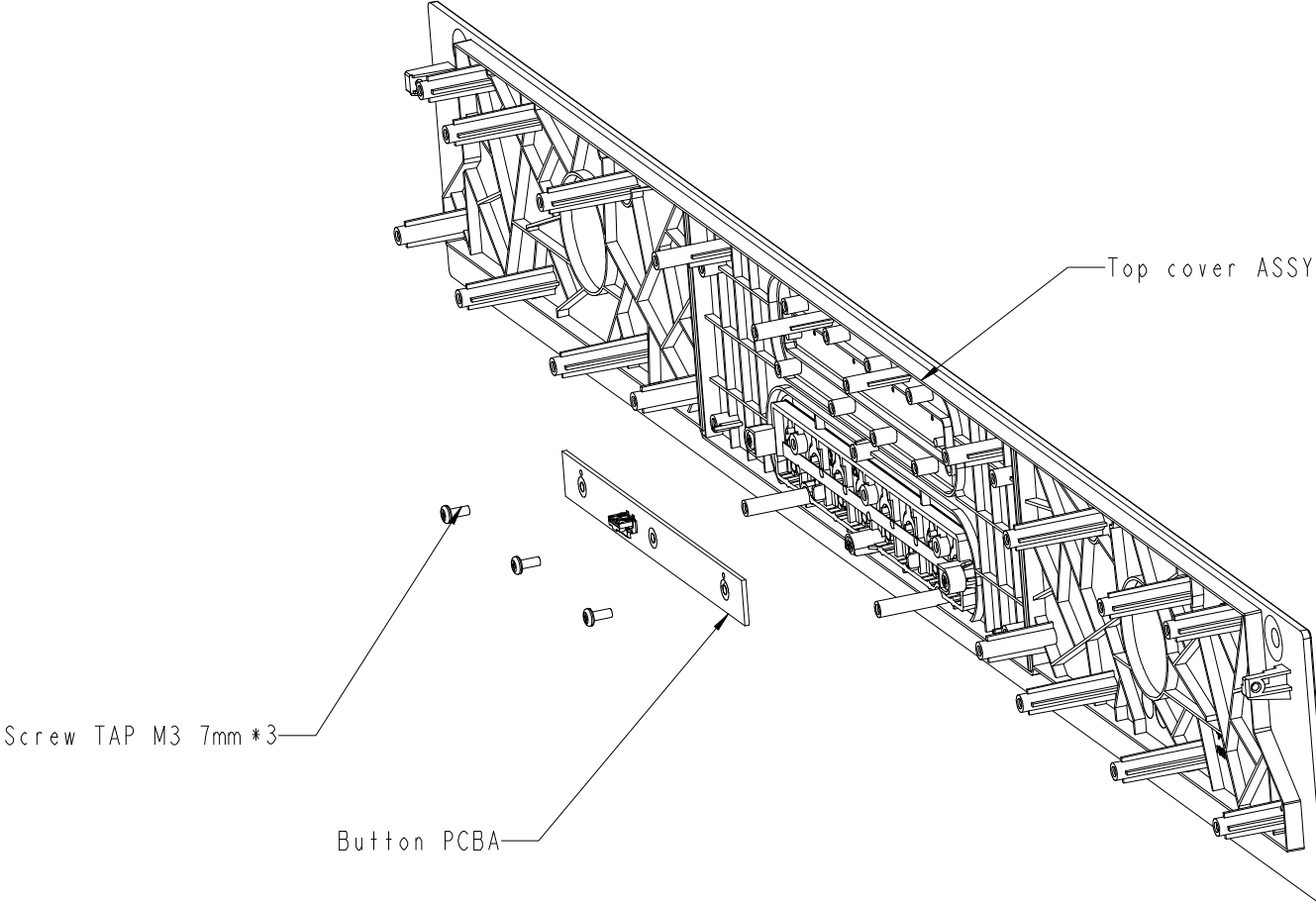
12	THERMAL_PAD_AMP_IC_2	1	
11	SPONGE_MIC_SILICON_ASSY	1	
10	SILICON_MIC_RUBBER	1	
9	SCREW_TTS_3_7	8	
8	SCREW_M3X8	8	
7	MIC_PCB_LINEAR_ASSY	1	
6	HOLDER_BRACKET_MIC_UA300_0330	1	
5	HEATSPREADER_AMP_BOTTOM_ASSY_	1	
4	GASKET_CASE_TOP	6	
3	CASE_TOP_ASM	1	
2	BUTTON_PCB_ASSY_	1	
1	ADHESIVE_DOUBLE_SIDE	1	
ITEM	PART NAME	QTY	REMARK

Front cover Assembly

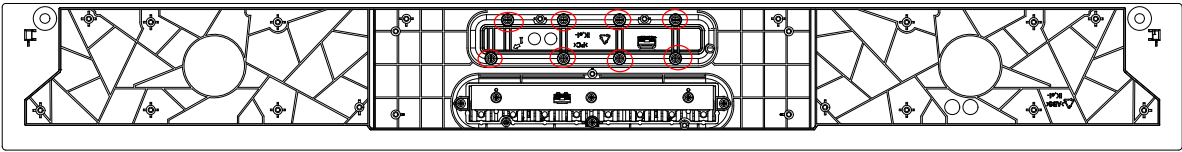
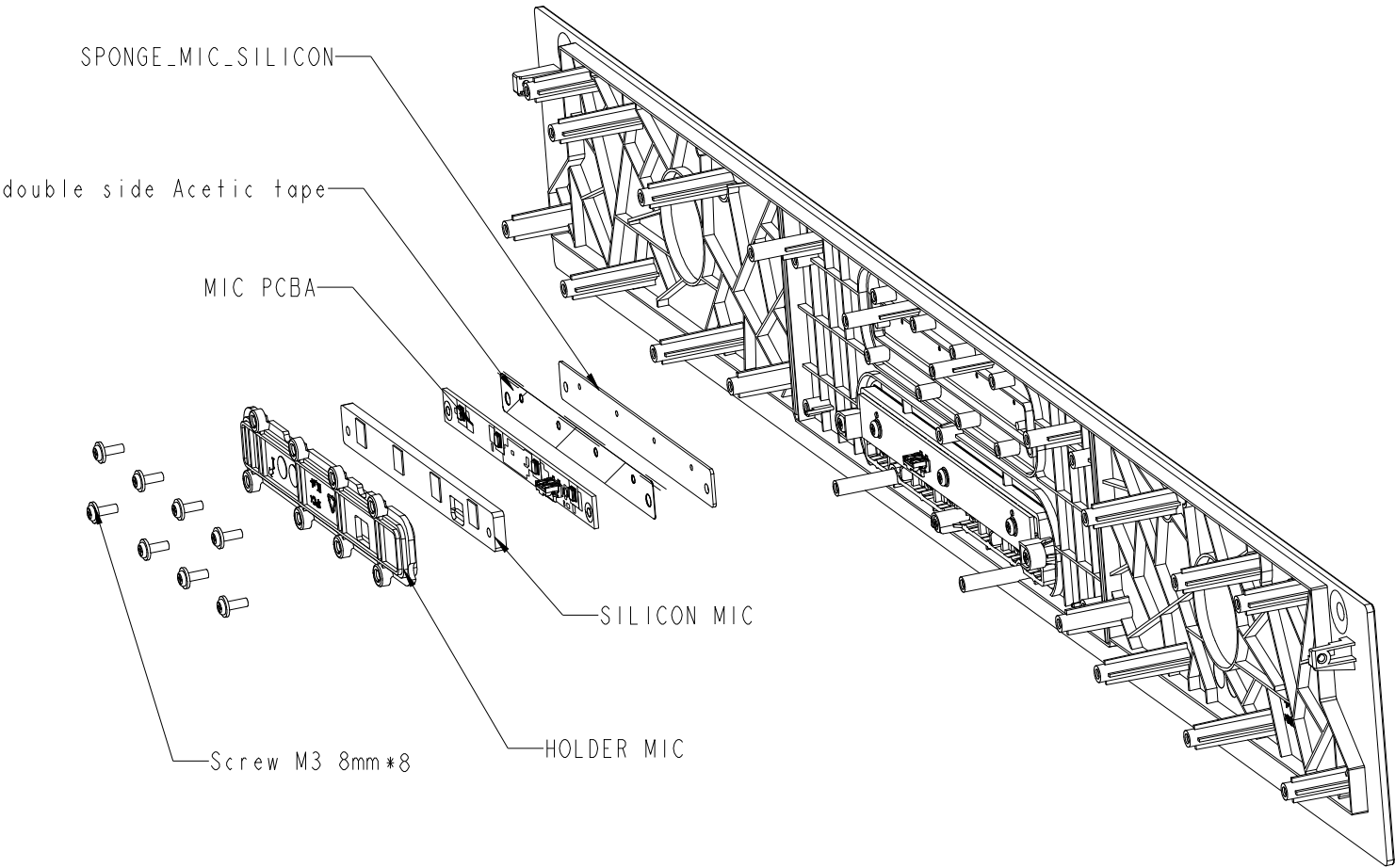


16	SCREW_TTS_3_7	6	
15	LED_PCB_ASSY	1	
14	SPONGE_LED	1	
13	RRILL_FABRIC_ASSY	1	
ITEM	PART NAME	QTY	REMARK

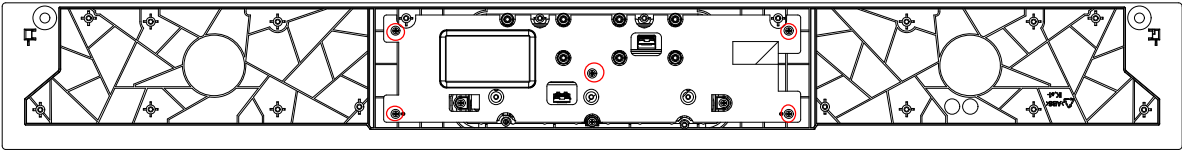
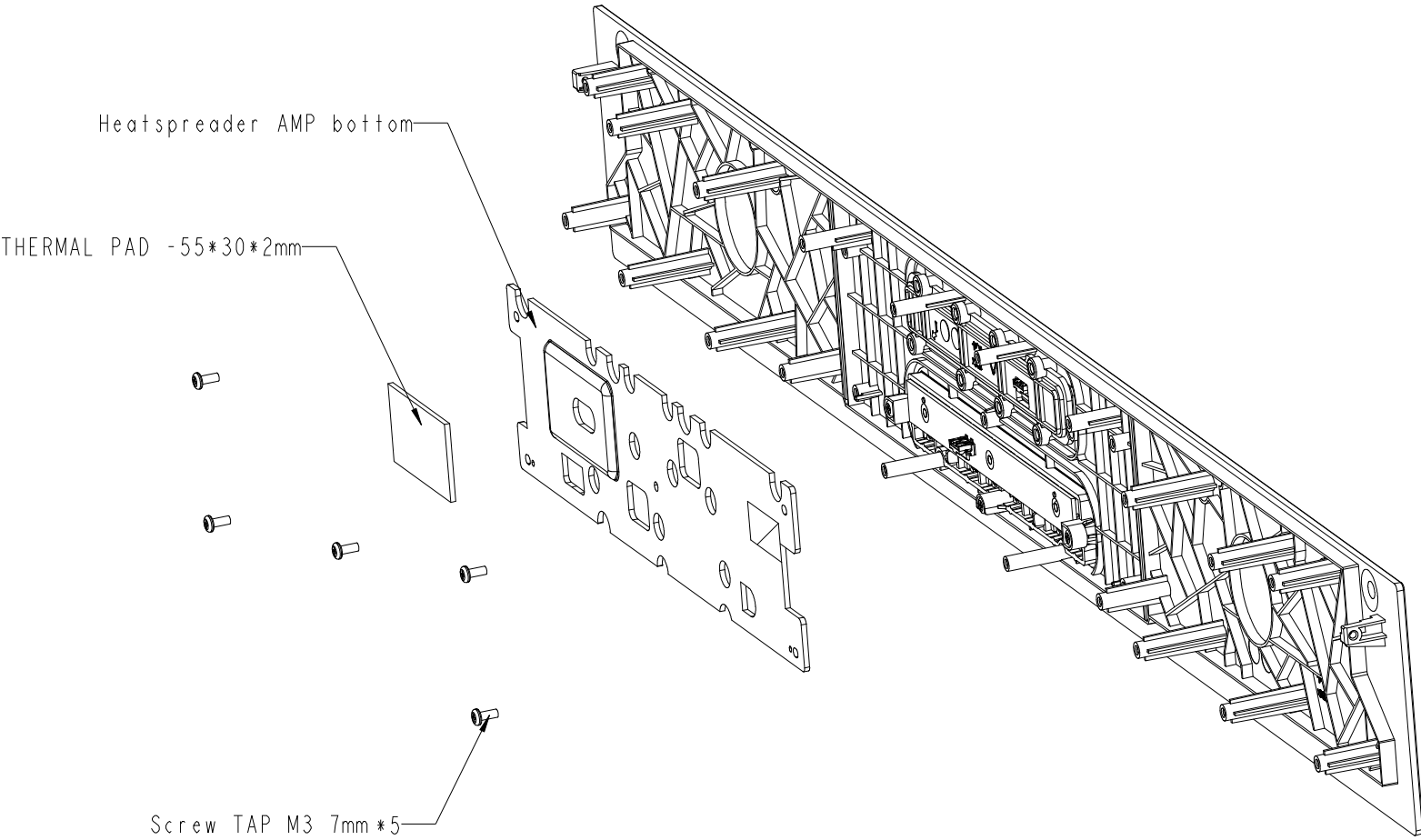
Step 1: Fix the Button PCBA to Button function with 3 screws.
Locking torque: 3.5±0.5 kgf*cm



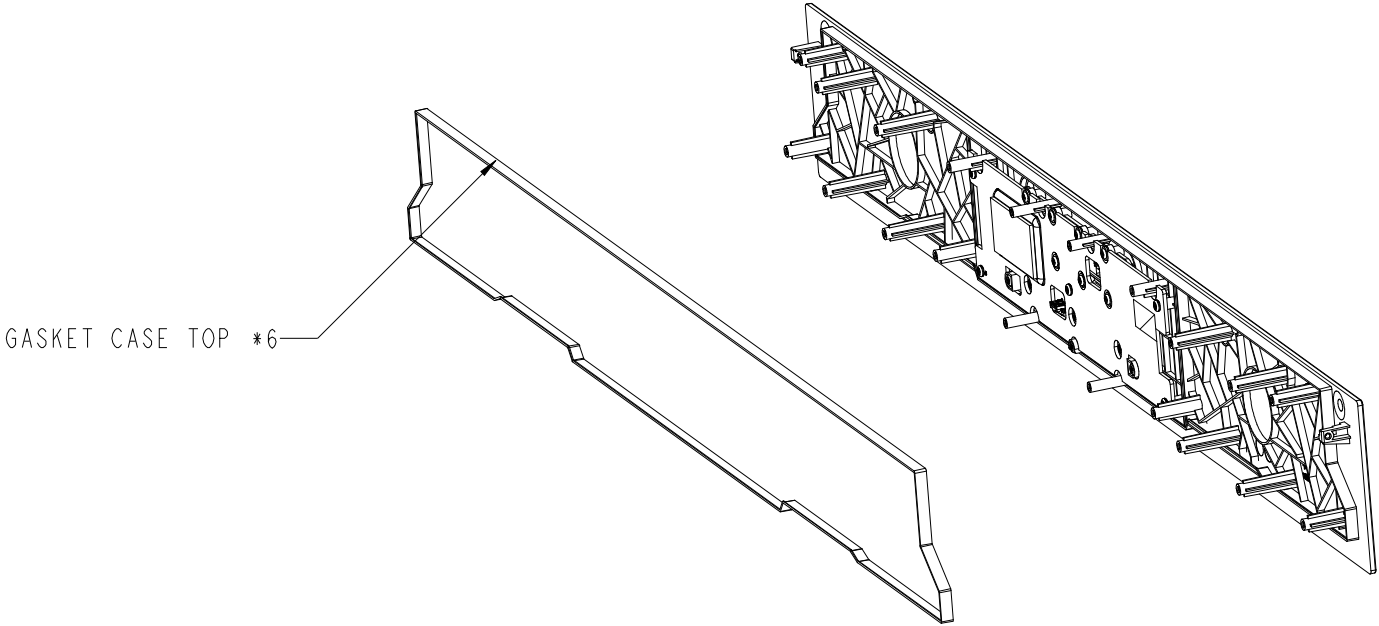
Step 2: Assemble rubber·MIC PCBA·holder on Top cover as shown below,
and fix the holder to Top function with 8 screws.
Locking torque: 5.4~6 kgf*cm



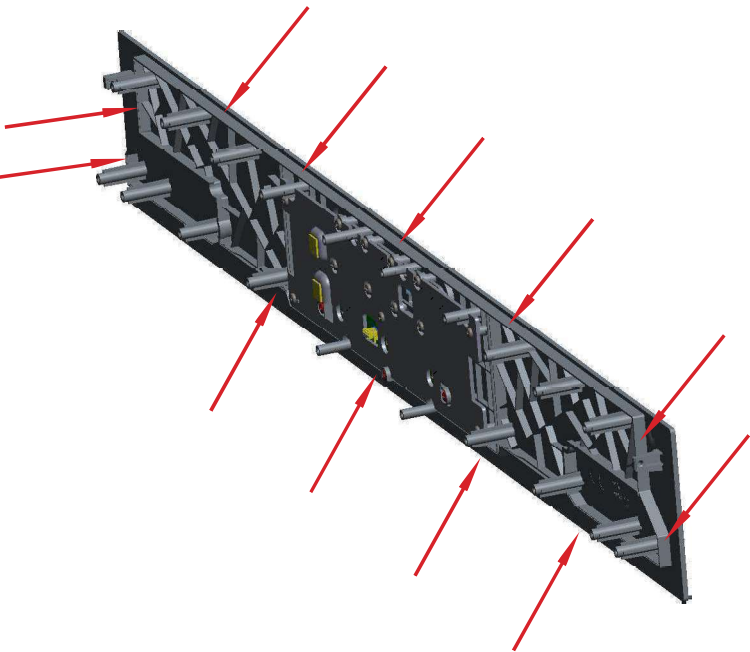
Step 3: Fix the Heatspreader AMP Bottom to Top cover with 5 screws and
assemble the thermal pad to heatspreader.
Locking torque: 3.5±0.5 kgf*cm



Step 4: Stick the Gaske to Top cover .



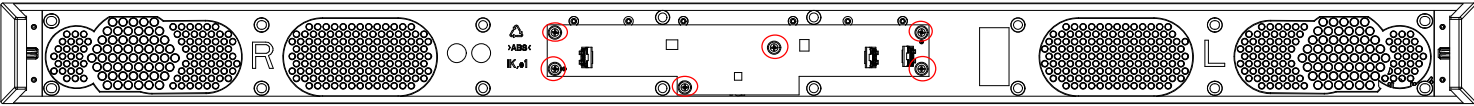
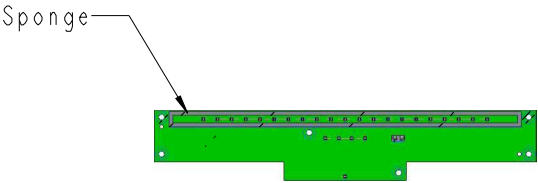
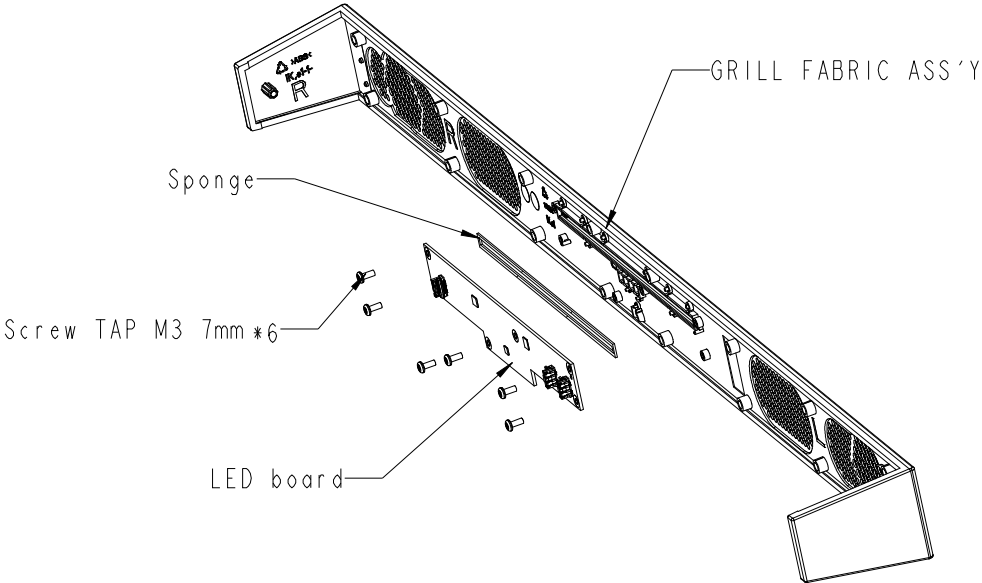
Gasket position



MIC hole should be clear

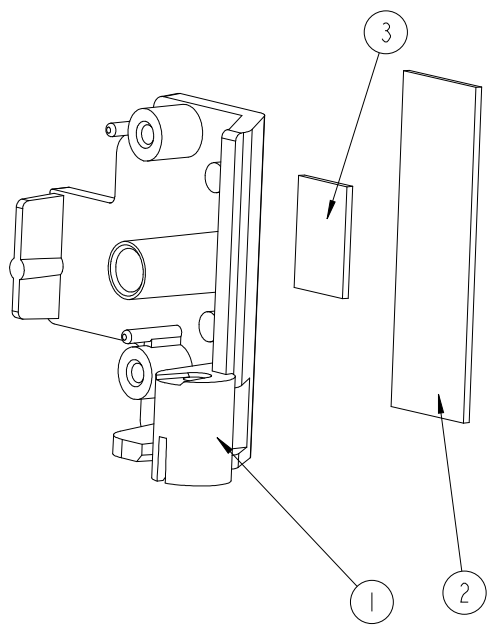


Step 5:
a. Stick the sponge to LED board .
b. Fix the LED Board to Grill Fabric ASS'Y with 6 screws.
Locking torque: 3.5±0.5 kgf*cm



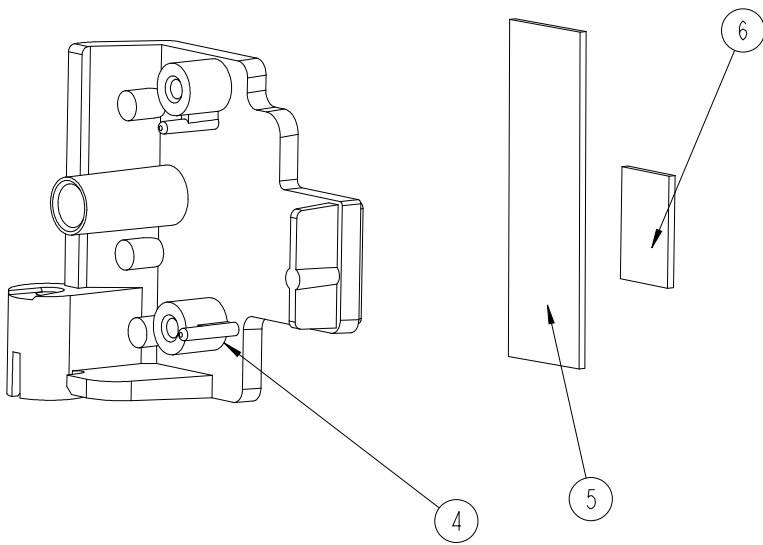
Side LED board Assembly

SIDE LED LEFT



3	GASKET_B	1	
2	GASKET_A	1	
1	BRACKET_RIGHT_SIDE_LED_0319	1	
ITEM	PART NAME	QTY	REMARK

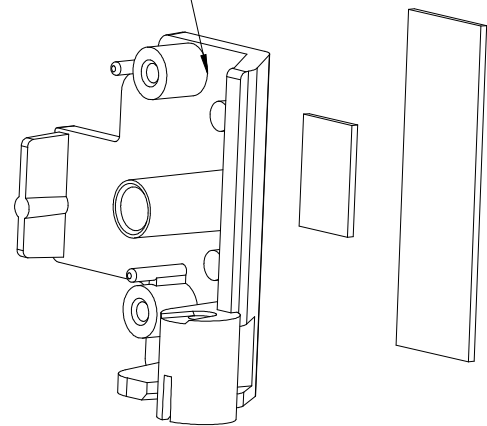
SIDE LED RIGHT



6	GASKET_B	1	
5	GASKET_A	1	
4	BRACKET_LEFT_SIDE_LED_0330	1	
ITEM	PART NAME	QTY	REMARK

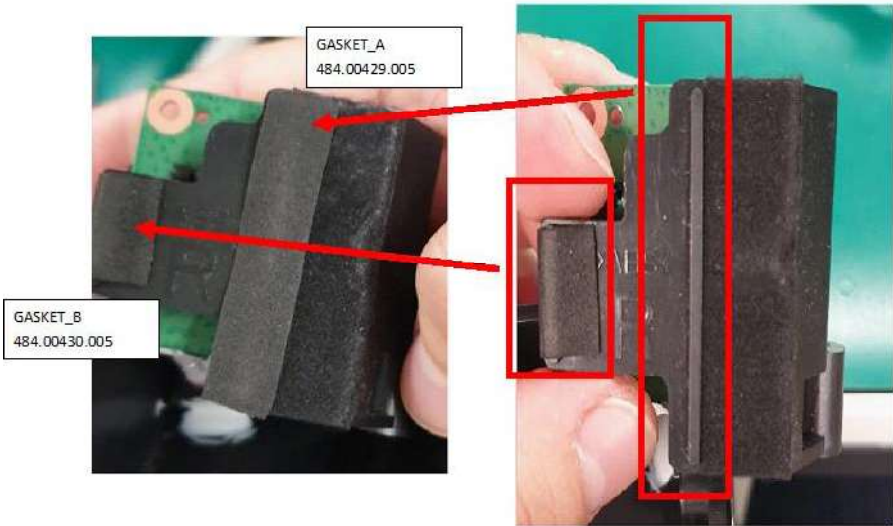
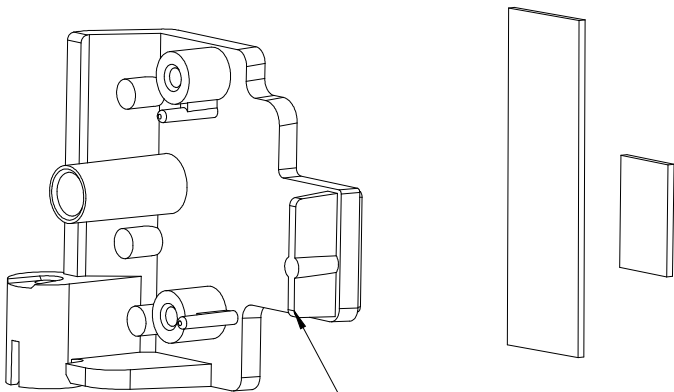
Step 6: Snap the Gasket A and Gasket B to BRACKET.

BRACKET SIDE LED LEFT

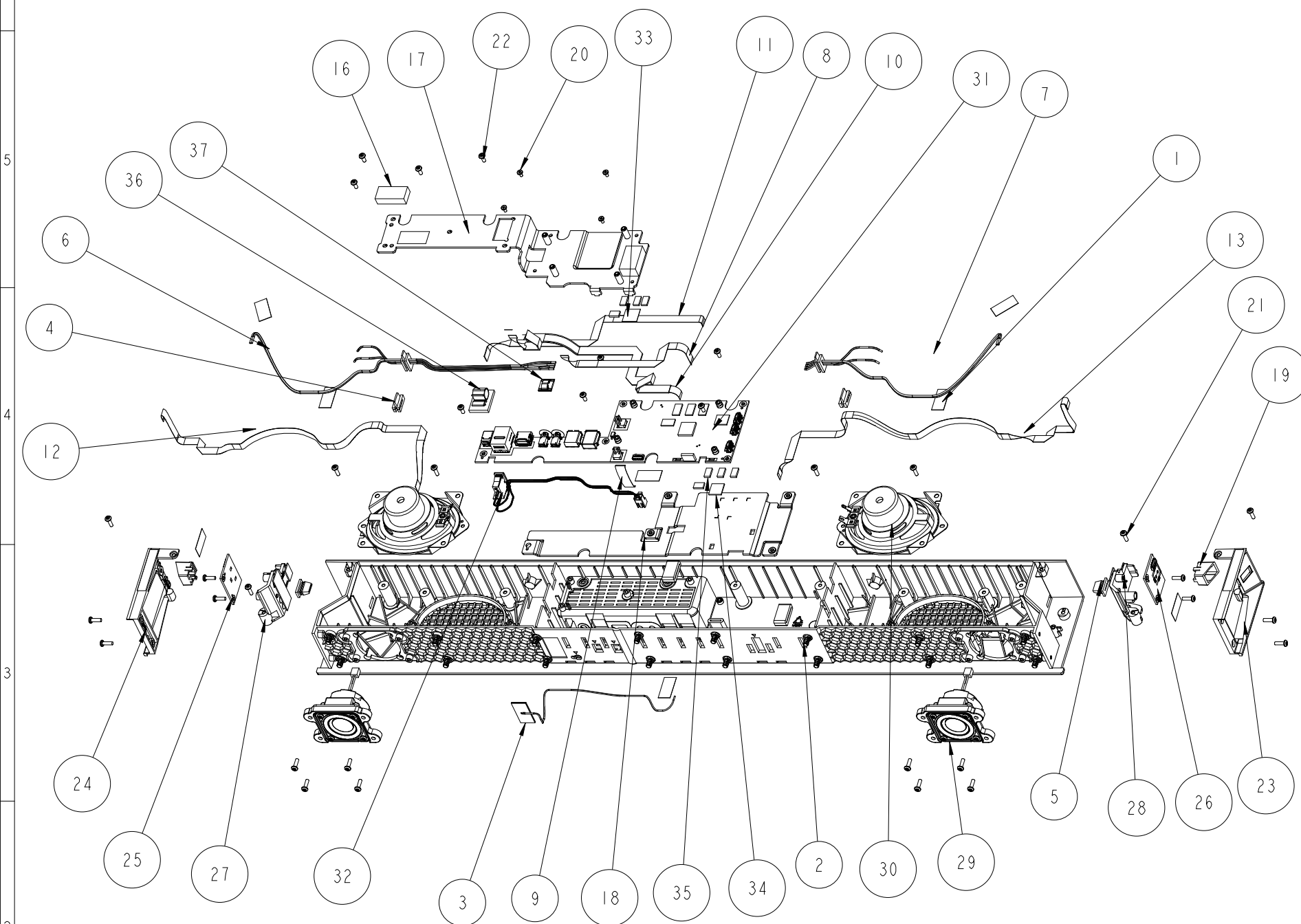


Step 7: Snap the Gasket A and Gasket B to BRACKET.

BRACKET SIDE LED RIGHT

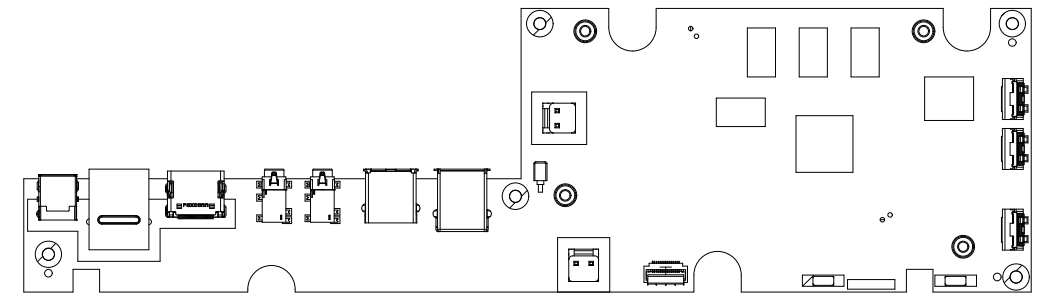
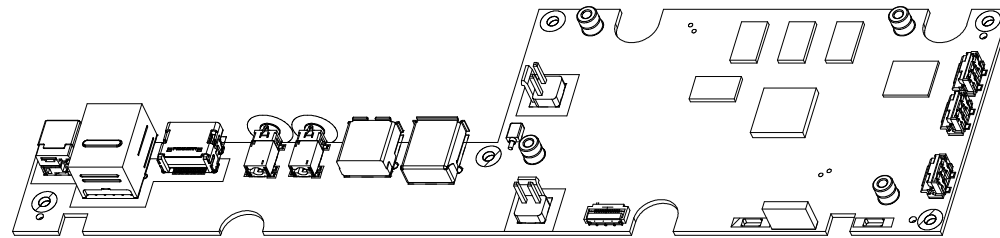


Bottom cover Assembly

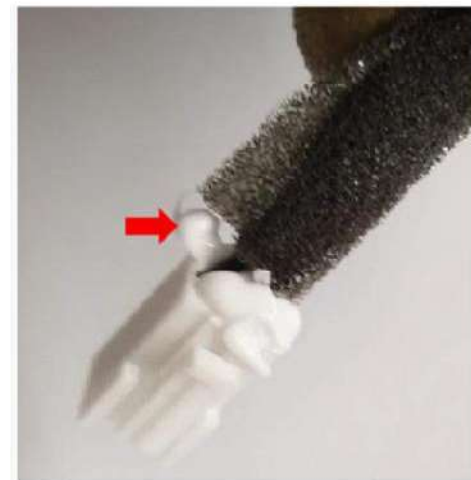
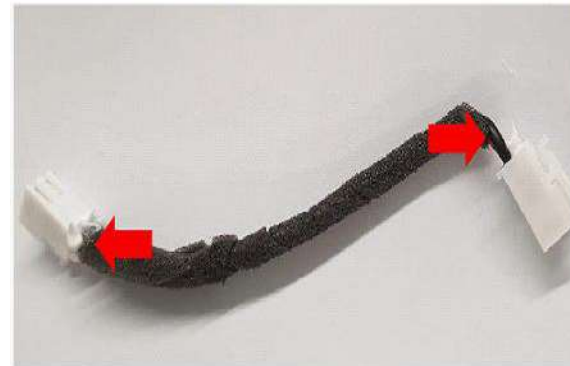


ITEM	PART NAME	QTY	REMARK
37	WIRE_SADDLE-1	1	
36	WIRE_MOUNT	1	
35	THERMAL_PAD_03	8	
34	THERMAL_PAD_02_BOTTOM_CPU_35	1	
33	THERMAL-PAD-01	1	
32	SWITCH_CABLE_INT	1	
31	SWAN_PCB_ASSEMBLY	1	
30	SPEAKER_UNIT_MIDRAGNE_	2	
29	SPEAKE_UNIT_TWEETER_	2	
28	SIDE_PCBA_BRACKET_RIGHT_ASSY	1	
27	SIDE_PCBA_BRACKET_LEFT_ASSY	1	
26	SIDE_LED_PCB_RIGHT_ASM	1	
25	SIDE_LED_PCB_LEFT_ASM	1	
24	SIDE_DECO_LEFT_ASSY	1	
23	SIDE_DECO_ASSY_RIGHT	1	
22	SCREW_TTS_3_7	9	
21	SCREW_TTS_3_10	24	
20	SCREW-M2_5-5MM	4	
19	LIGHT_PIPE_SIDE_LED	2	
18	HEATSPREADER_BOTTOM_SOC_ASSY_AS	1	
17	HEAT_SPREADER_TOP_SOC_ASSY	1	
16	GASKET-ELECTIC	1	
15	FS_SERIES_FIG_4	2	
14	FS_SERIES_FIG_2	1	
13	FPC_SIDE_PCB_RIGHT	1	
12	FPC_SIDE_PCB_LEFT	1	
11	FPC_LED_BOARD	1	
10	FPC_CABLE_MIC	1	
9	FPC_CABLE_AMP_SOC	1	
8	FPC_BUTTON_PCB	1	
7	CABLE_SPEAKER_RIGHT	1	
6	CABLE_SPEAKER_LEFT	1	
5	BUSING_CABLE_OUT_SIDE	2	
4	BUSING_CABLE_INNER_SIDE	2	
3	BT_ANT_DUAL	1	
2	BOTTOM_COVER_ASY	1	
1	ACETIC_TAPE_25X12_5	8	

Note:
a. Fix the connector with glue
b. Fix the cable-SOC-AMP\switch with glue

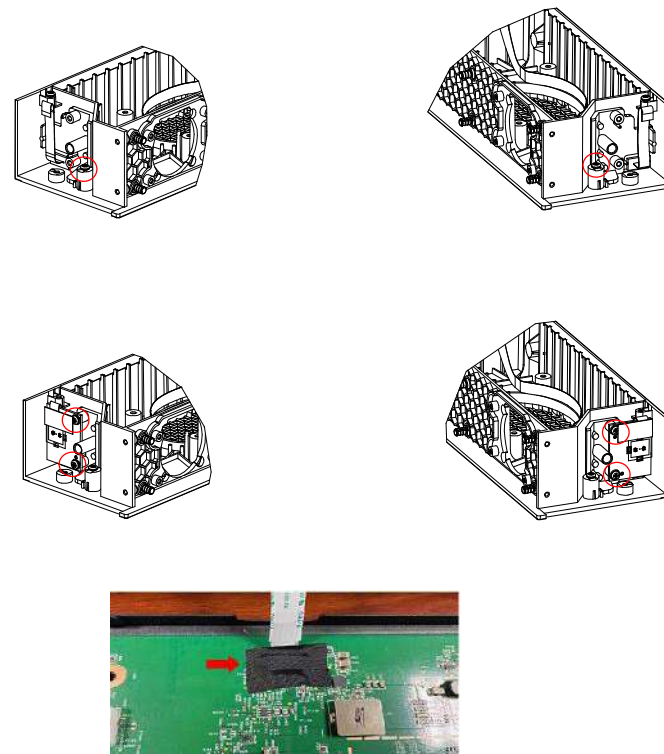
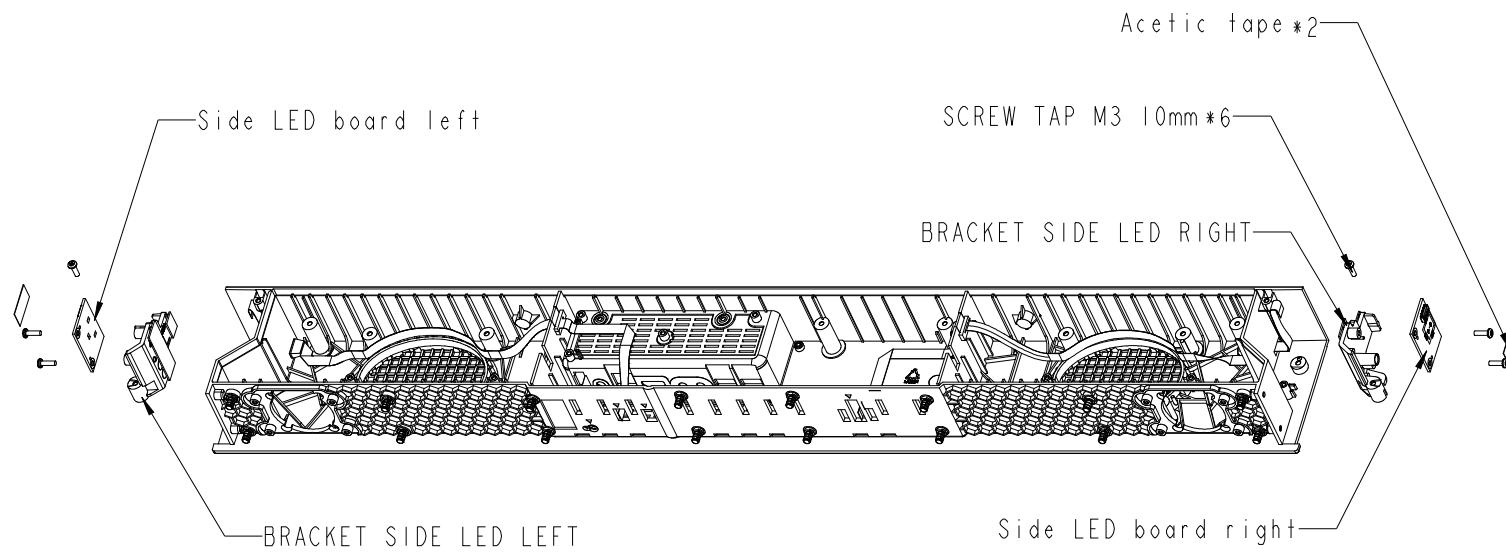


Applying Area: 3 +/- 1mm (Components around)



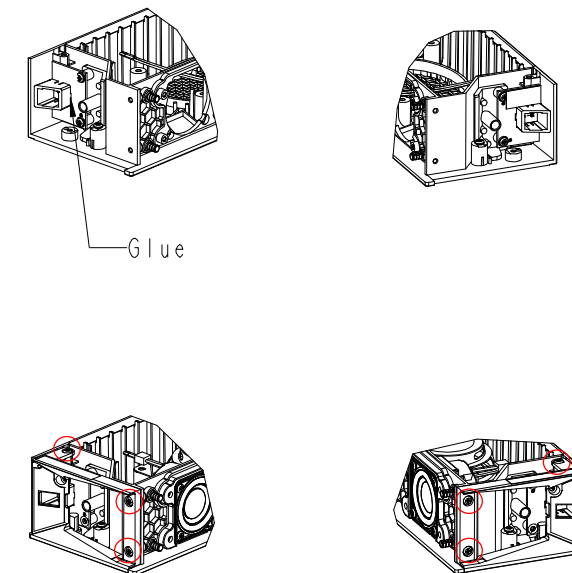
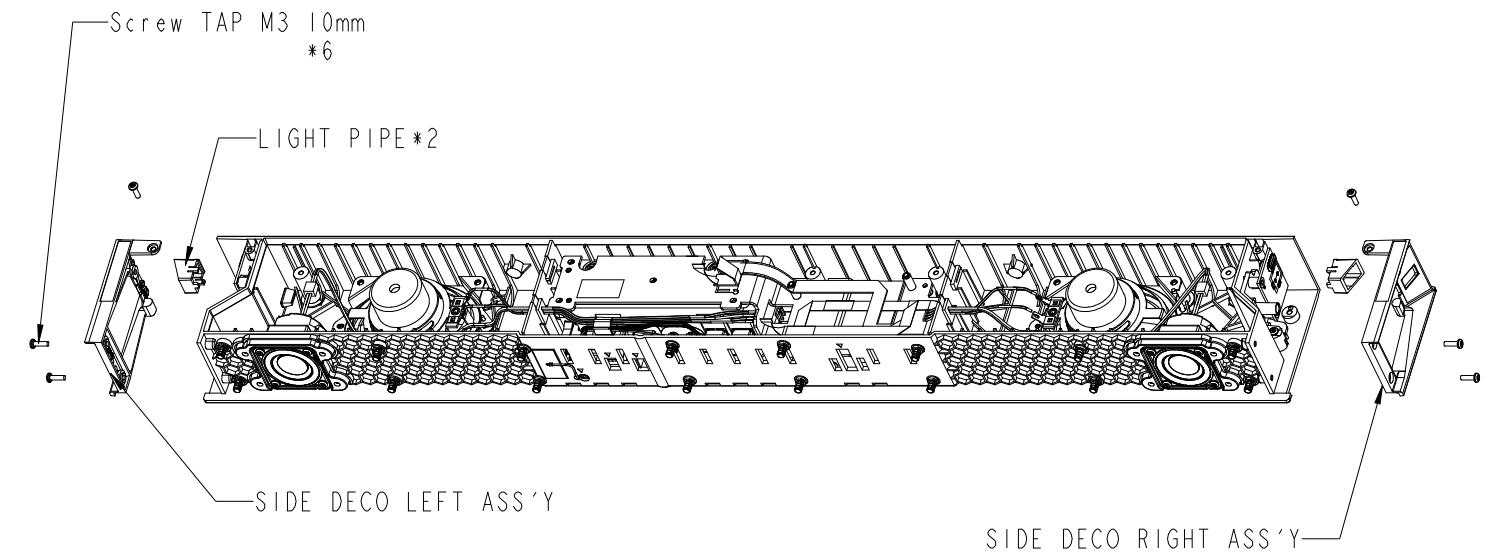
Step 8:

- Fix the BRACKET SIDE LED to Bottom cover with 1 screw.
Locking torque: 6~6.6 kgf*cm.
- Assemble the FFC cable to SIDE LED BOARD with Acetic tape as indicated.
- Fix the Side LED board to BRACKET SIDE LED with 2 screws.
Locking torque: 6~6.6 kgf*cm

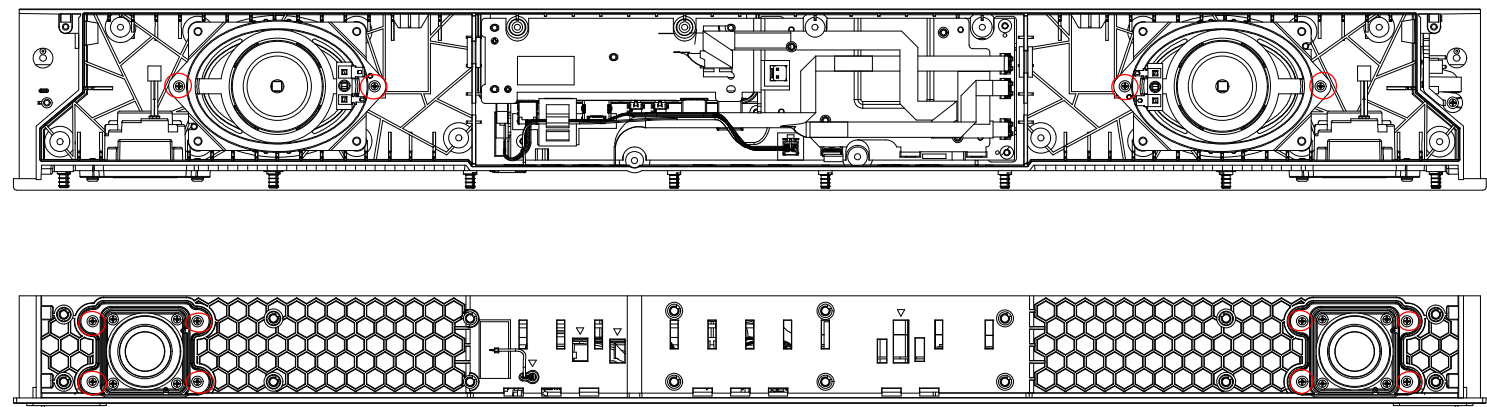
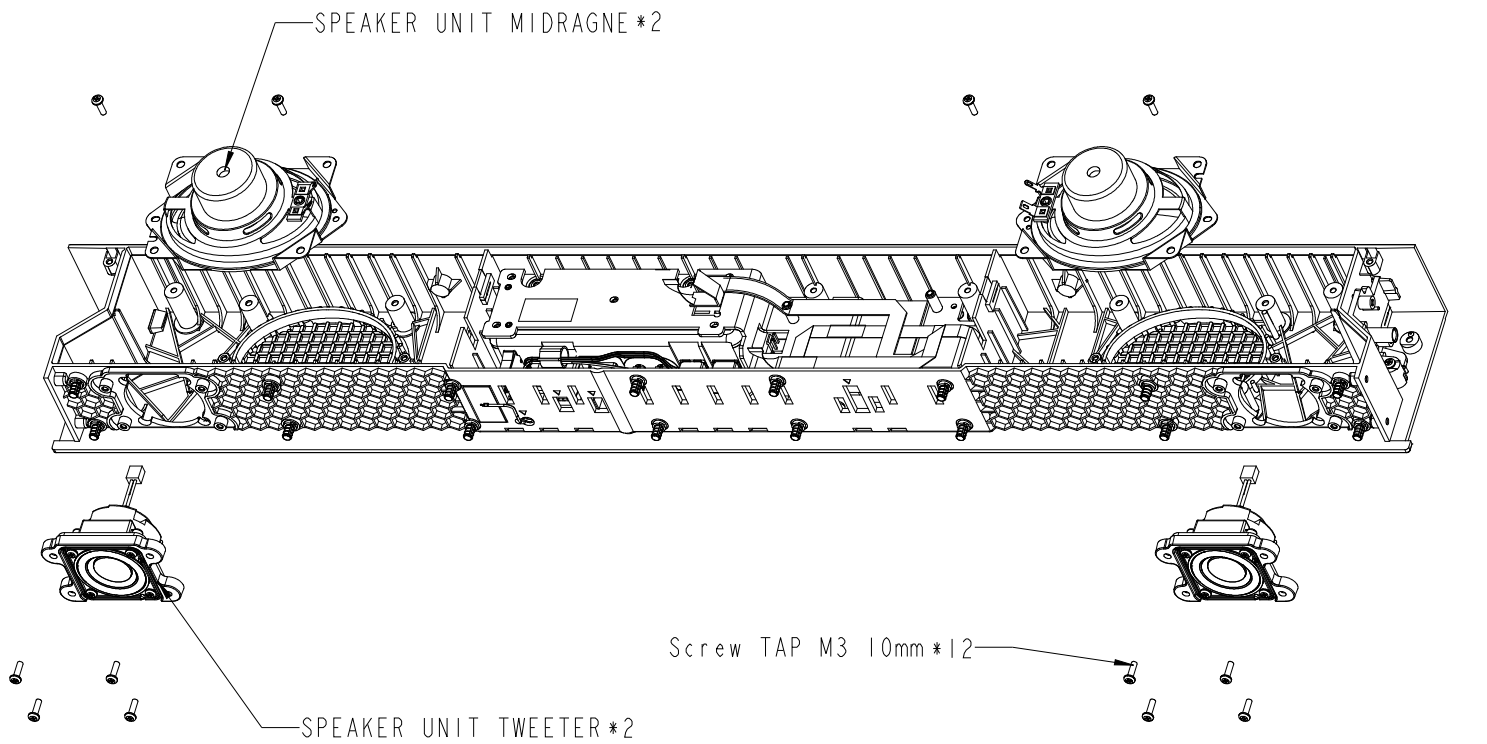


Step 9:

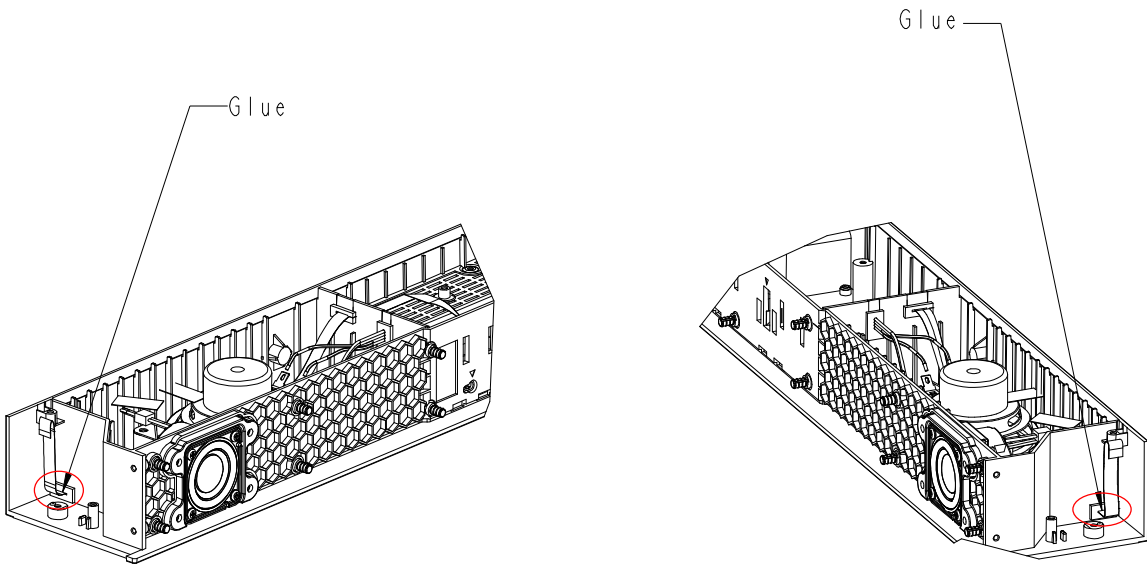
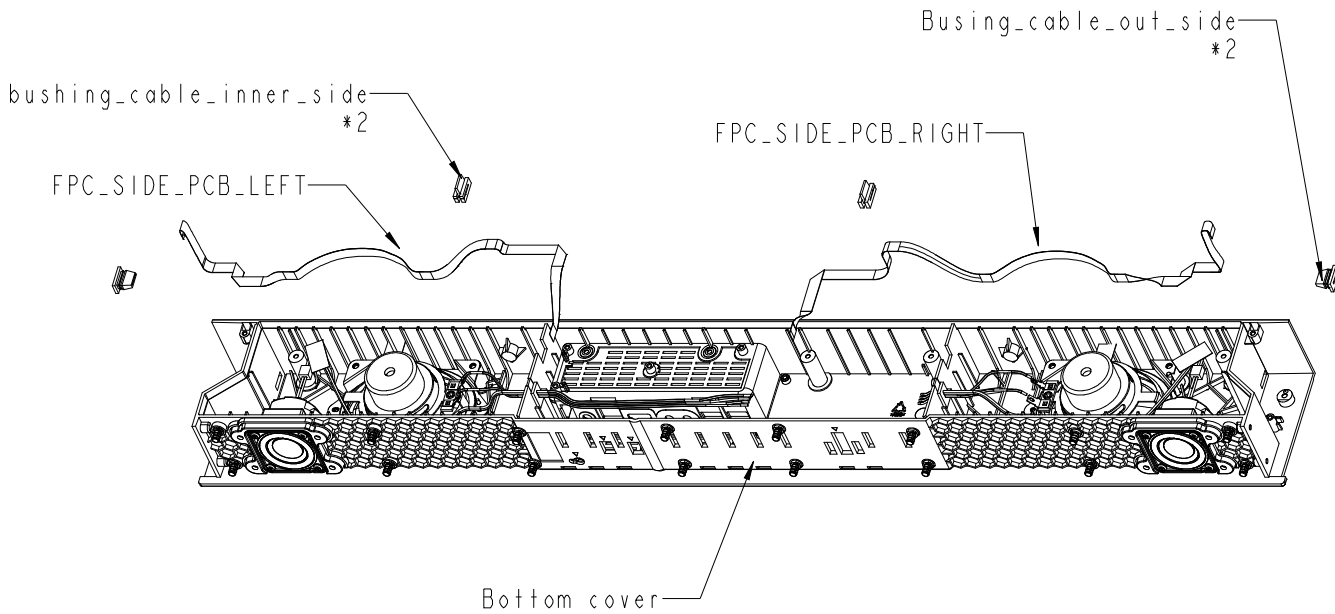
- Assemble the light pipe to the Side LED board as indicated.
- Seal the light pipe with glue
- Fix the SIDE DECO ASS'Y to Bottom cover with 6 screws as indicated.
Locking torque: 6~6.6 kgf*cm.



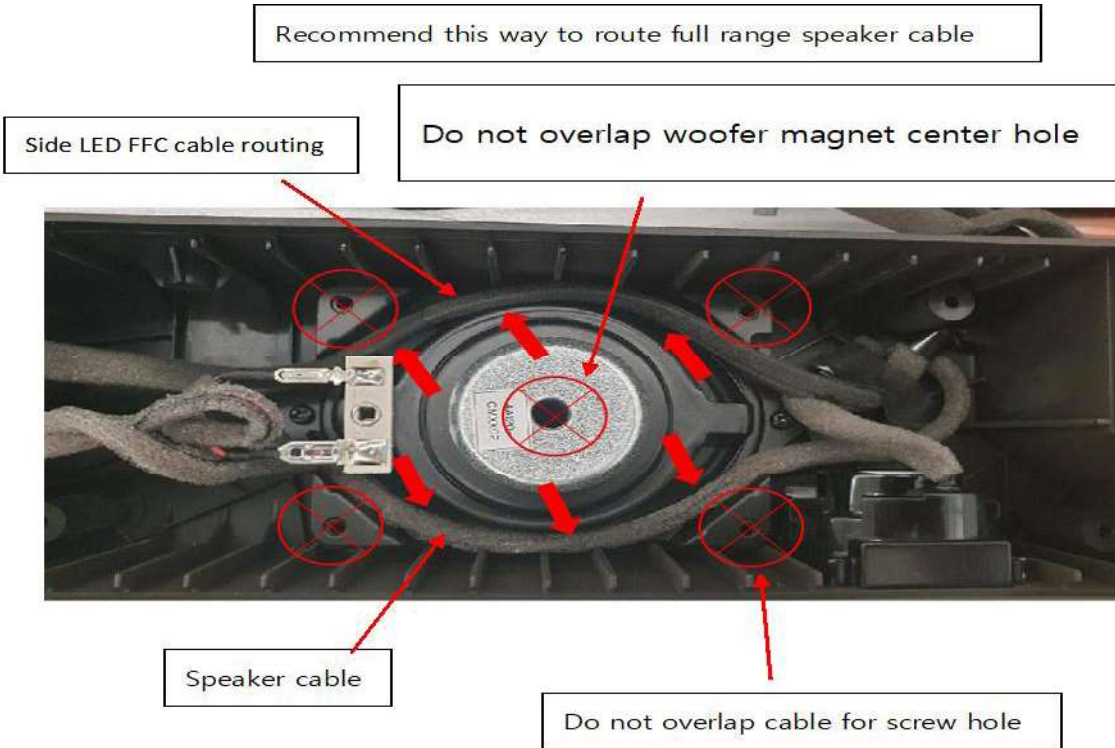
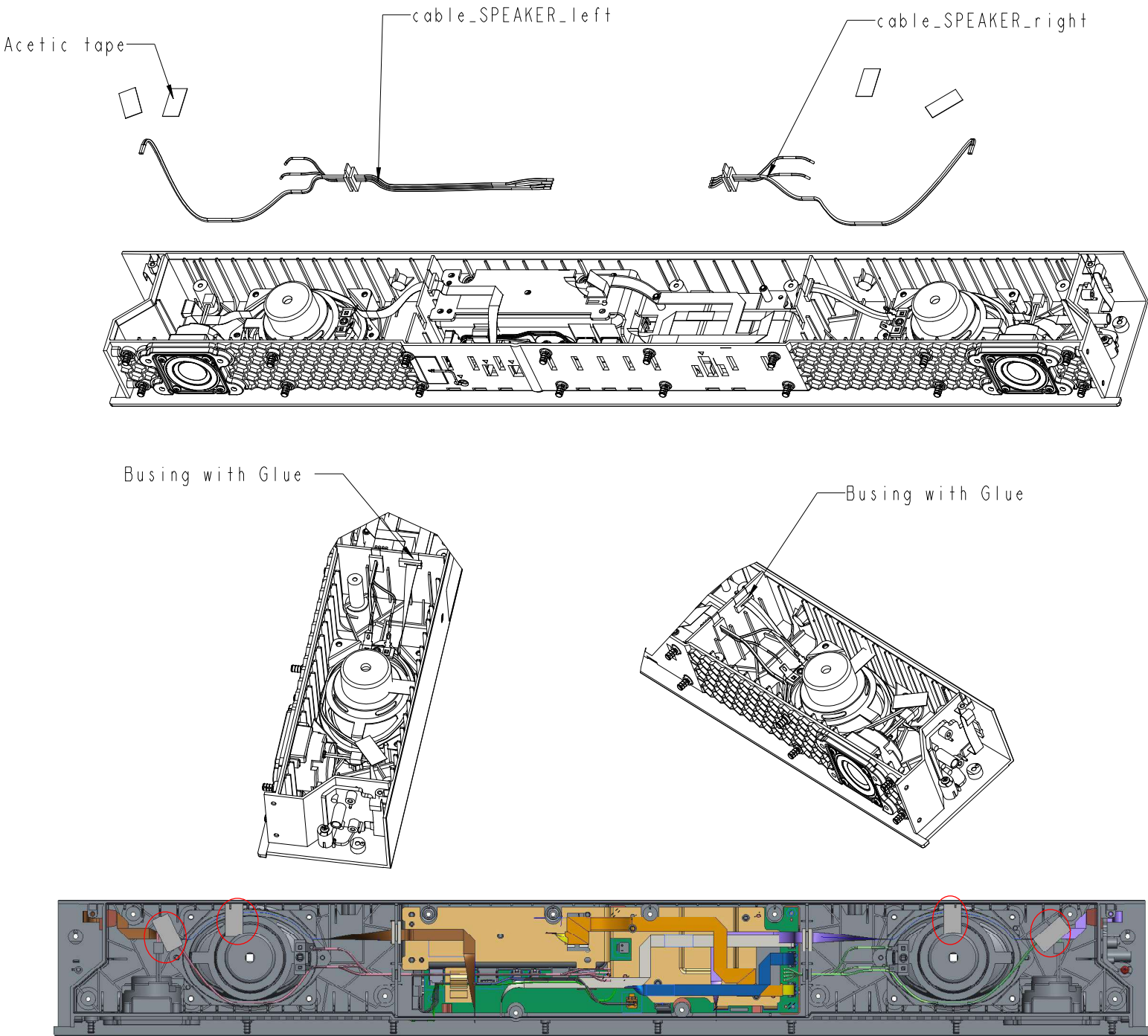
Step 10:
Fix the Spreaker to Bottom cover with 12 screws as indicated..
Locking torque: 6~6.6 kgf*cm



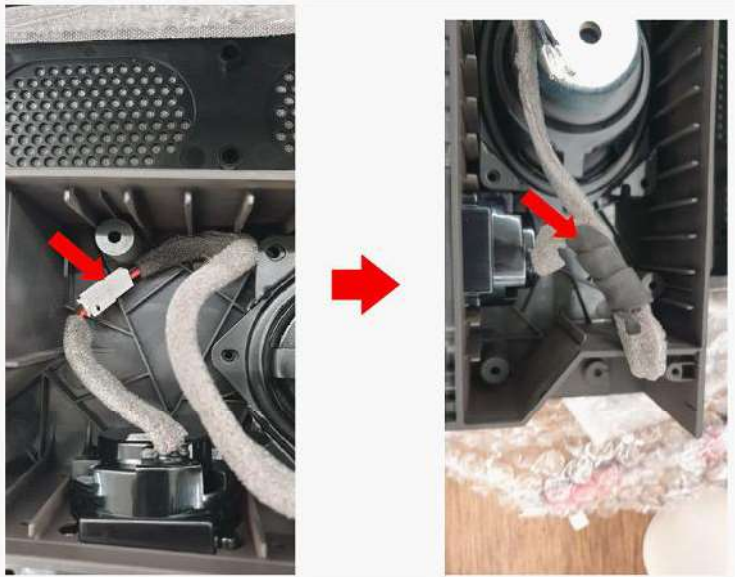
Step 11:
a. Make the FPC_SIDE_PCB pass through the bottom cover and assemble the Busing to FFC cable as indicated.
b. Assemble the Busing to bottom cover as indicated.
c. Seal the Busing with glue



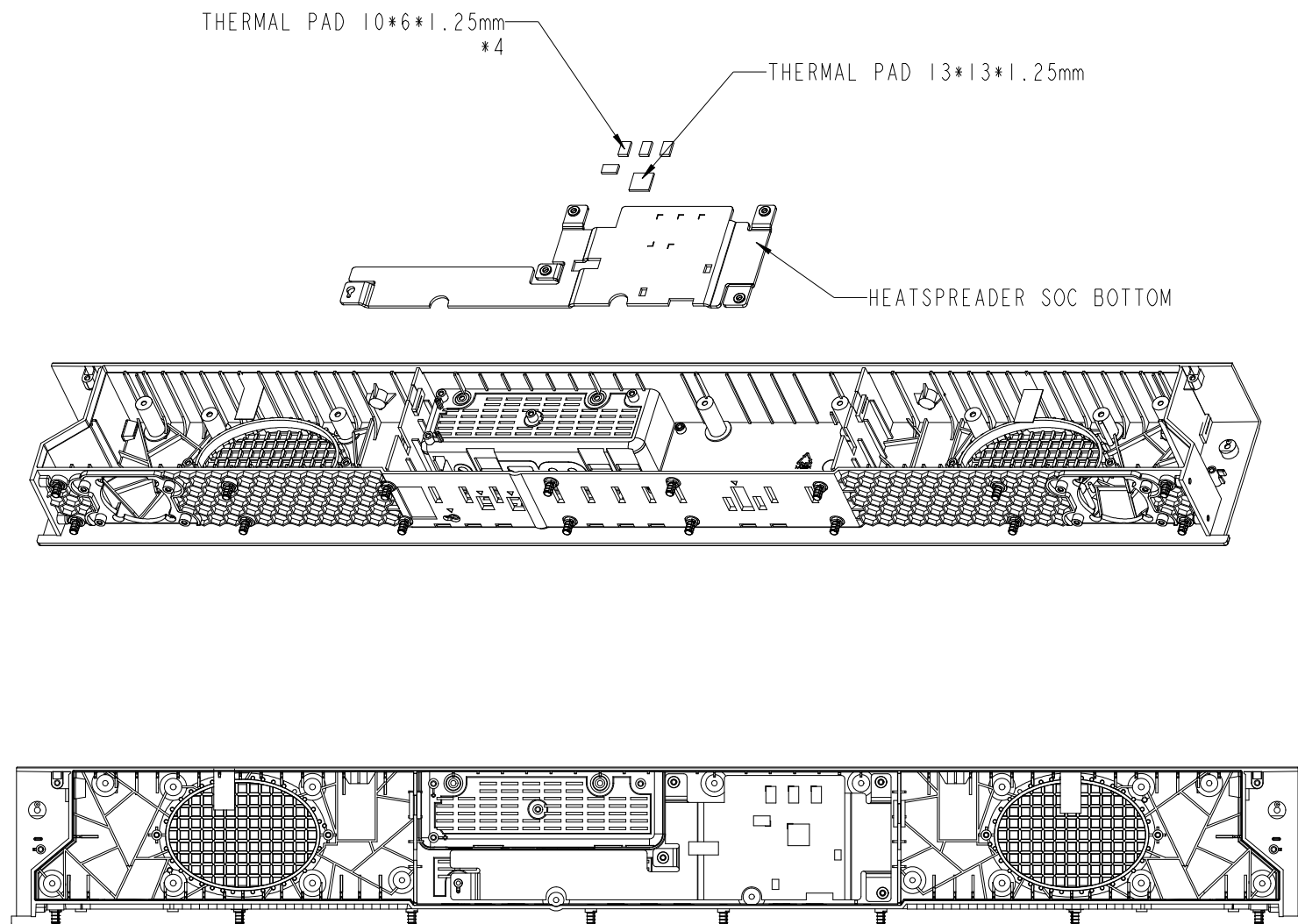
- Step 12:
- a. Assemble the speaker cable to speaker.
 - b. Fix the FFC cable and speaker cable to speaker with 4 Acetic tape as indicated.
 - c. Assemble the Busing to bottom cover as indicated.
 - d. Seal the Busing with glue



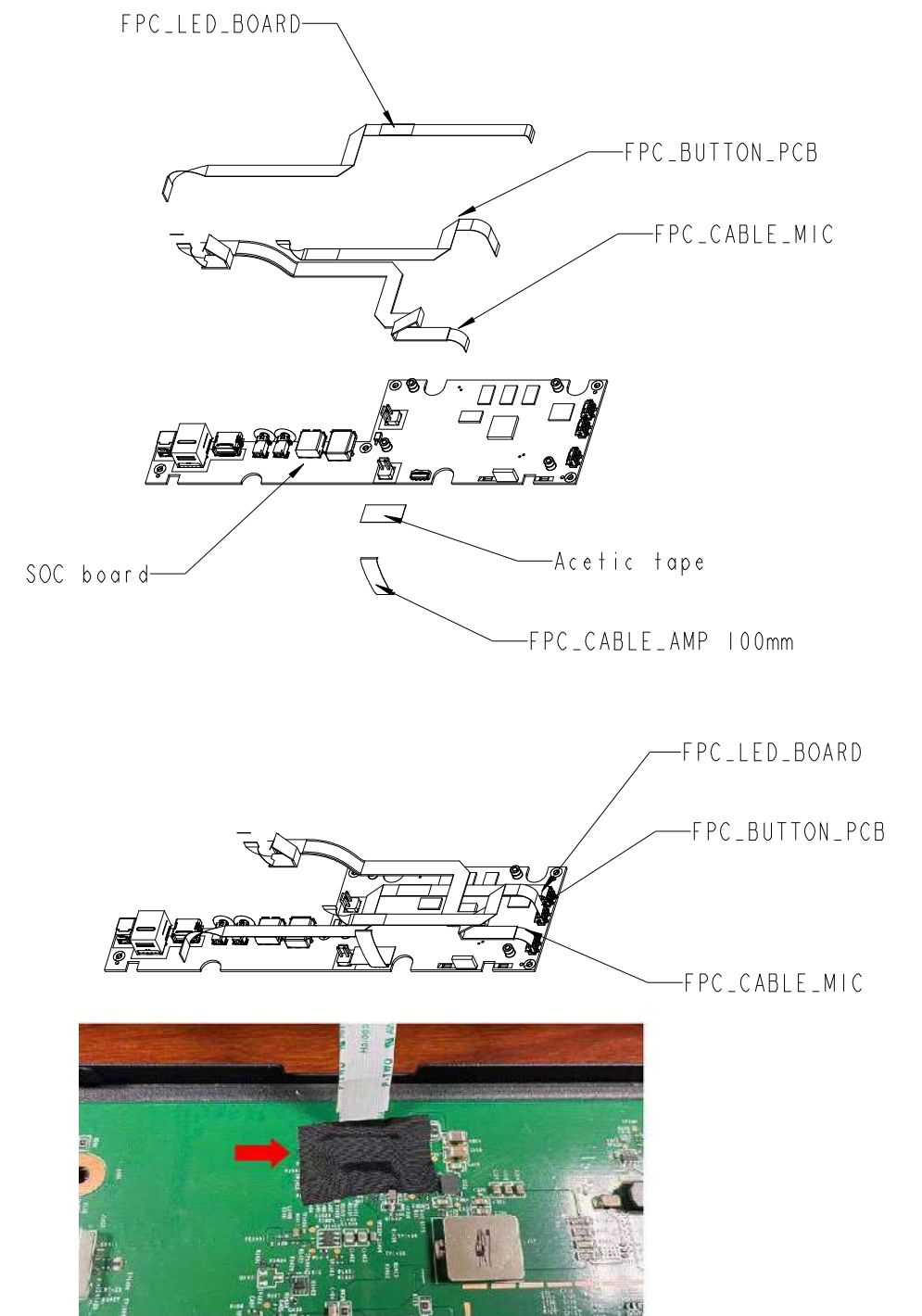
Full range speaker connector should be rapped after assembly
Use Sponge tape or Gasket
ALT recommended to use the remaining top gasket.(484.00422.005)



Step 13:
Assemble the heatspreader to bottom cover, and stick the thermal pad to heatspreader.

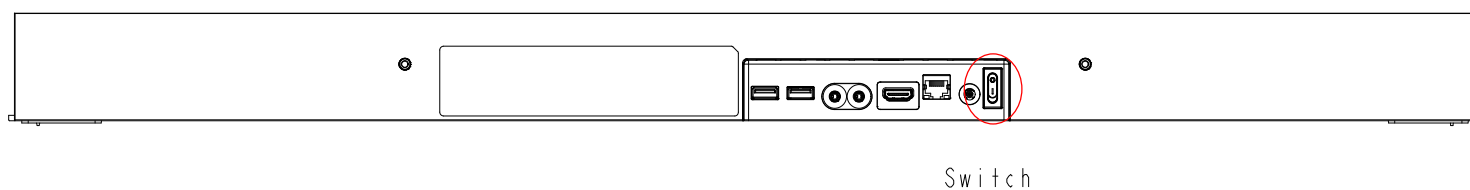
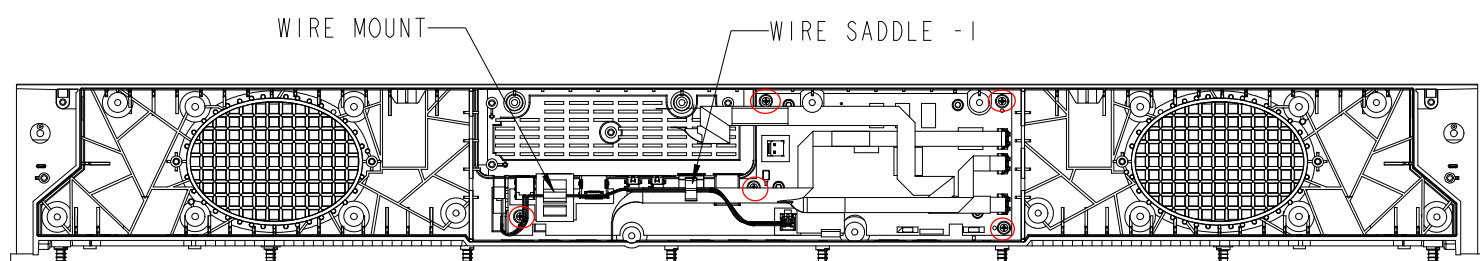
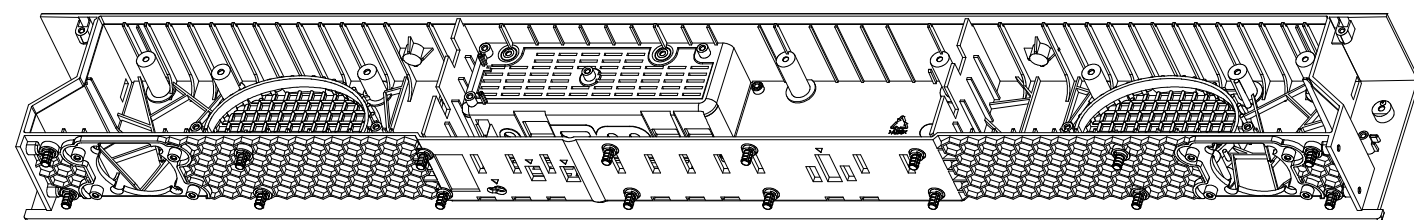
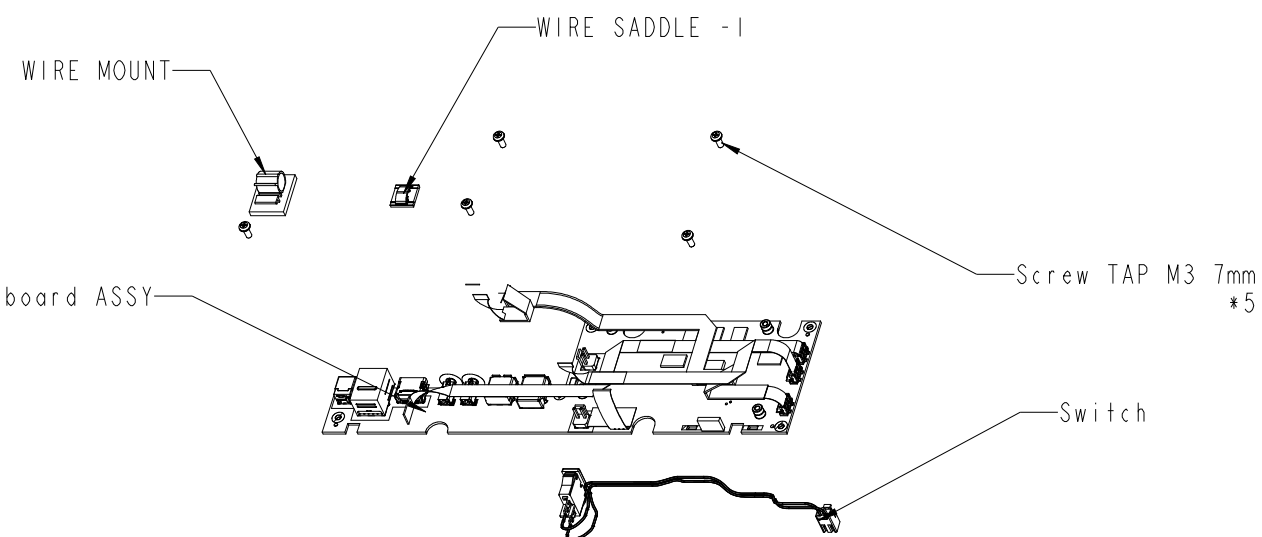


Step 14:
a. Assemble the FFC cable to SoC board as indicated.
b. Fix the FFC cable_AMP to SoC board with Acetic tape.



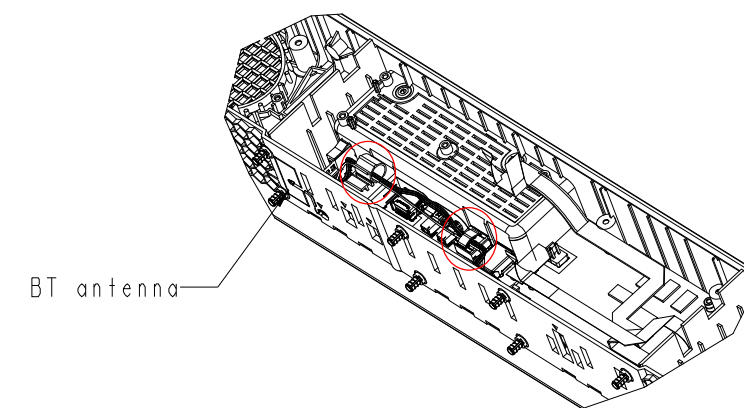
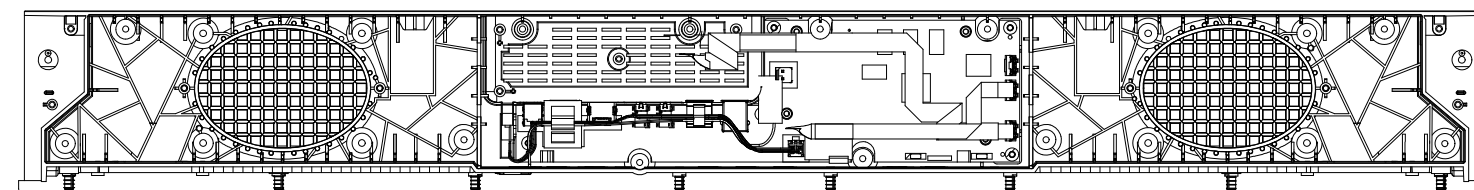
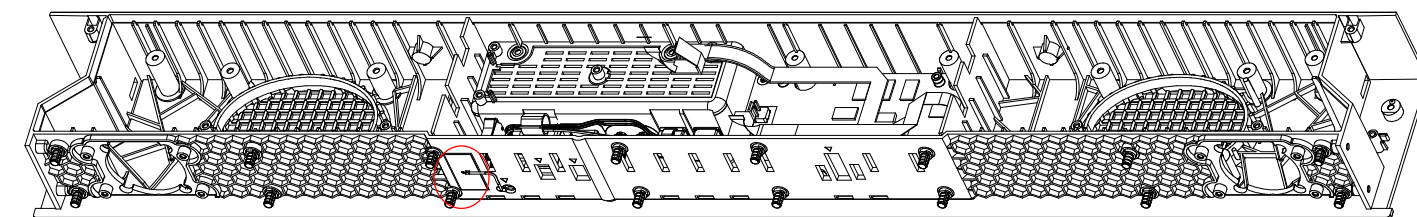
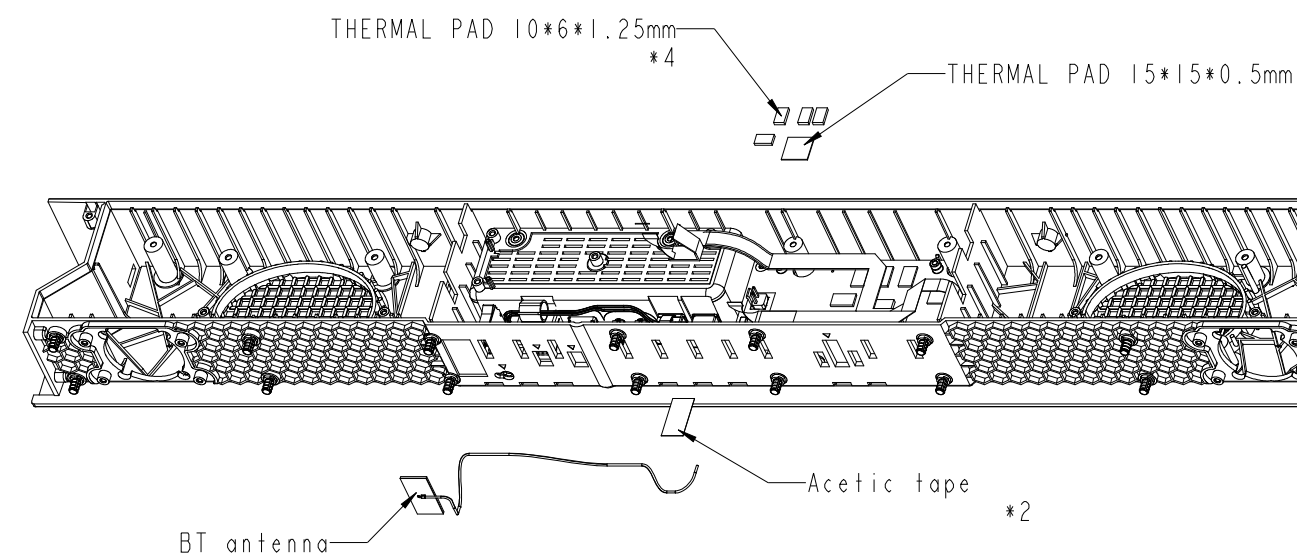
Step 15:

- Assemble the Switch to bottom cover.
 - Fix the SoC board to bottomcover with 5 screws.
- Locking torque: $3.5 \pm 0.5 \text{ kgf} \cdot \text{cm}$
- Stick the WIRE MOUNT and WIRE SADDLE-1 to SoC board.
 - Snap the switch cable to SoC board as indicated.

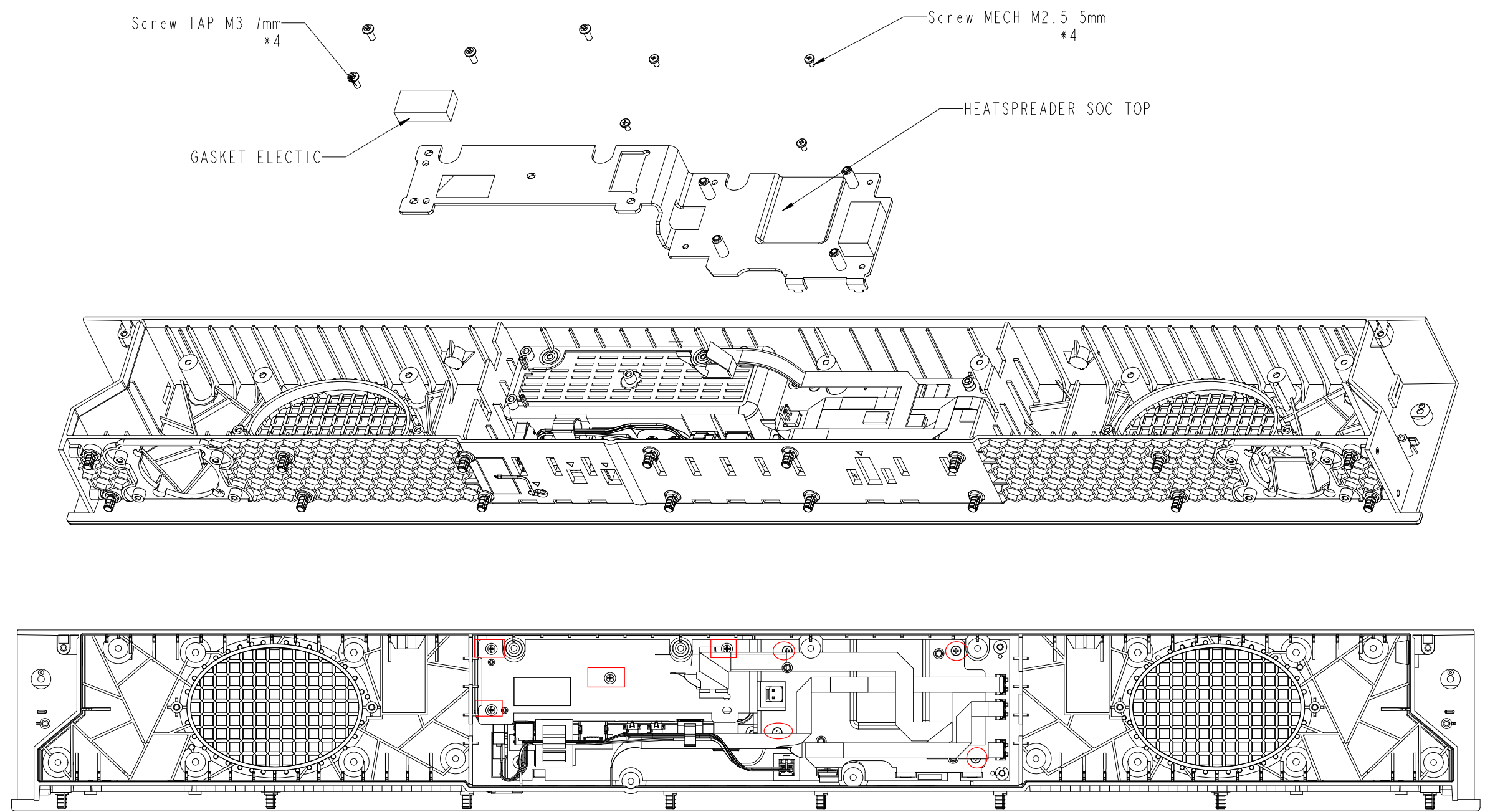


Step 16:

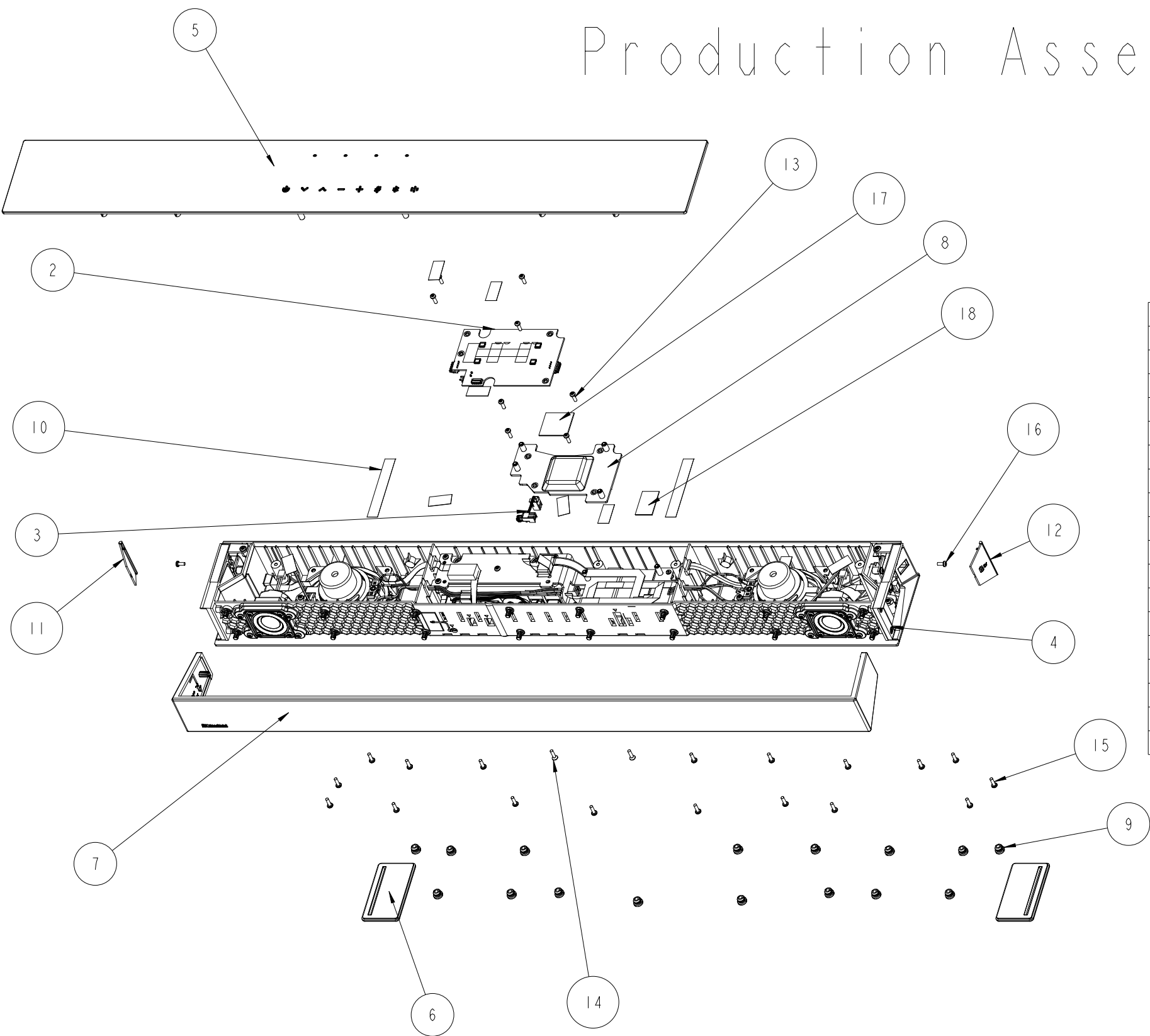
- Stick the BT antenna to Bottom cover.
- Make the BT antenna pass through the bottom cover, and snap the BT antenna to SoC board as indicated
- Fix the BT antenna to SoC board with and Acetic tapes.
- Make the switch cable and BT antennapass through the WIRE MOUNT and WIRE SADDLE-1.



Step 17:
a. Fix the HEATSPREADER ScC top to ScC board with 4 screws.
Locking torque: 3.5 ± 0.5 kgf*cm
b. Fix the HEATSPREADER ScC top to bottom cover with 4 screws.
Locking torque: 3.5 ± 0.5 kgf*cm
c. Stick the GASKET ELECTIC to heatspreader.



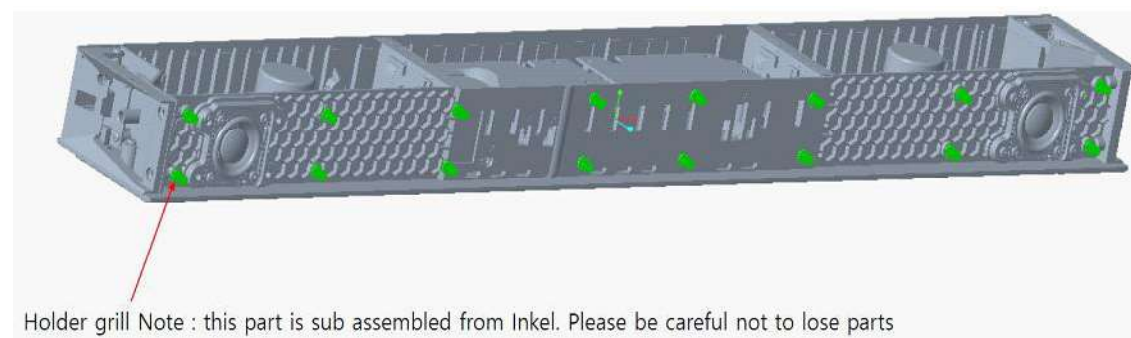
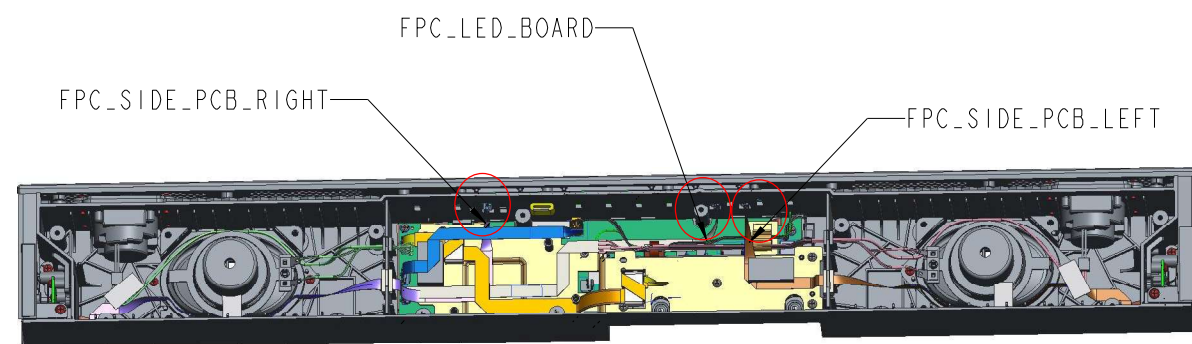
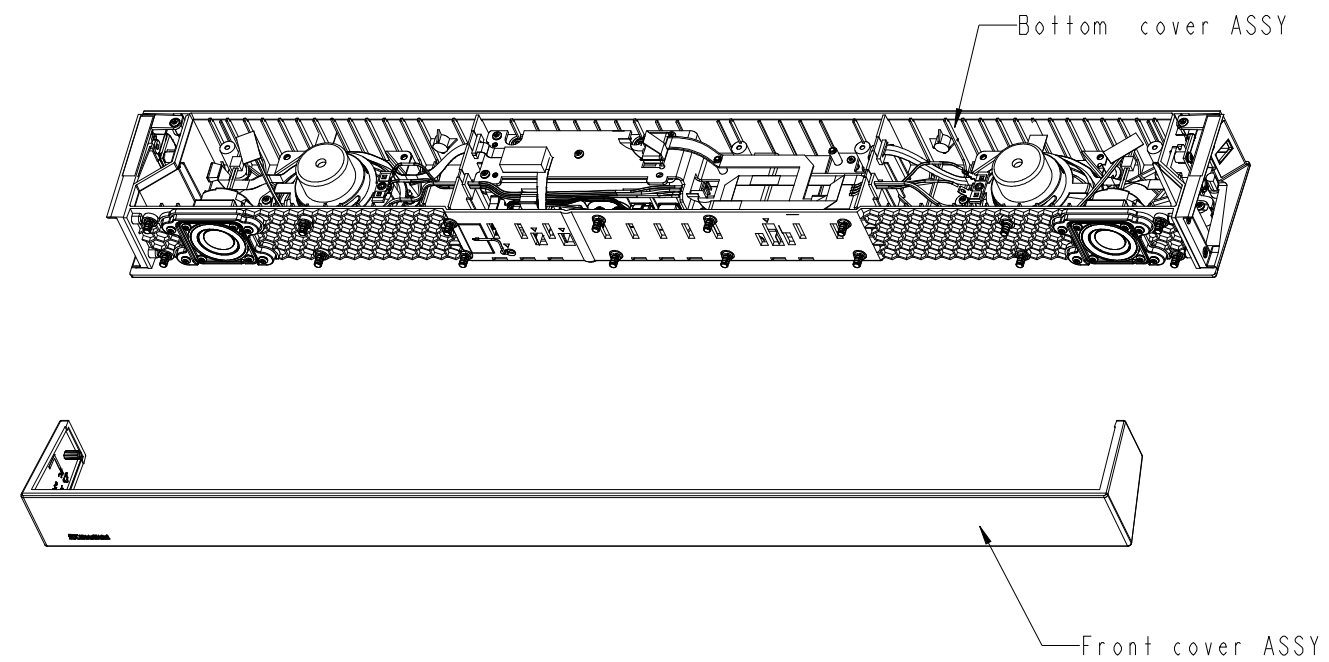
Production Assembly



18	THERMAL_PAD_AL_1	1	
17	THERMAL_PAD-4_AMP_IC	1	
16	SCREW_TTS_3_7	2	
15	SCREW_TTS_3_10	20	
14	SCREW_M3X12	2	
13	SCREW_M3-6	8	
12	PLATE_LOGO_RIGHT_BTVMIRROR_UA300_42_1	1	
11	PLATE_LOGO_BTVMIRROR_LEFT_UA30	1	
10	NONWOVEN_TAPE_CASE_INNER_0330	2	
9	ME_COVER_SCREW_UA300_0330	16	
8	HEAT_SPREADER_AMP_TOP_ASSY	1	
7	GRILL_ASSY_UA300_ASM	1	
6	FOOT_ASSY_UA300_ASM_CURRENT	2	
5	CASE_TOP_ASSY	1	
4	CASE_BOTTOM_ASSY	1	
3	CABLE-SOC-AMP	1	
2	AMP_BOARD_SWAN_ASSY	1	
1	ACETIC_TAPE_25X12_5	8	
ITEM	PART NAME	QTY	REMARK

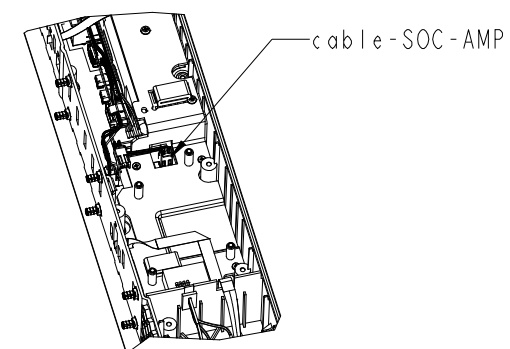
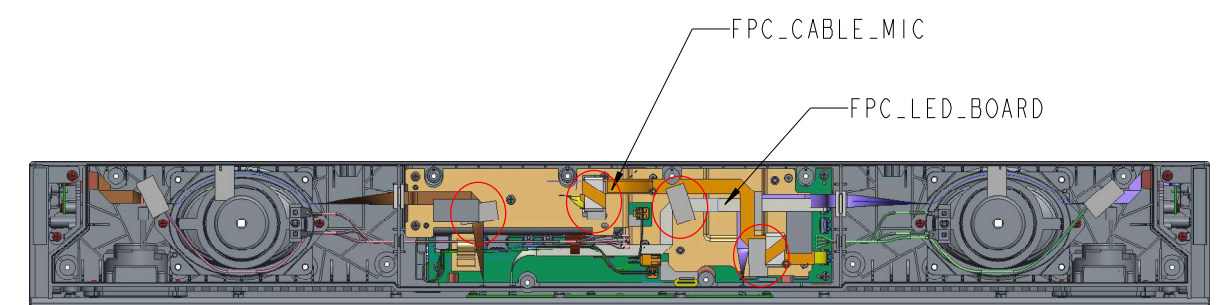
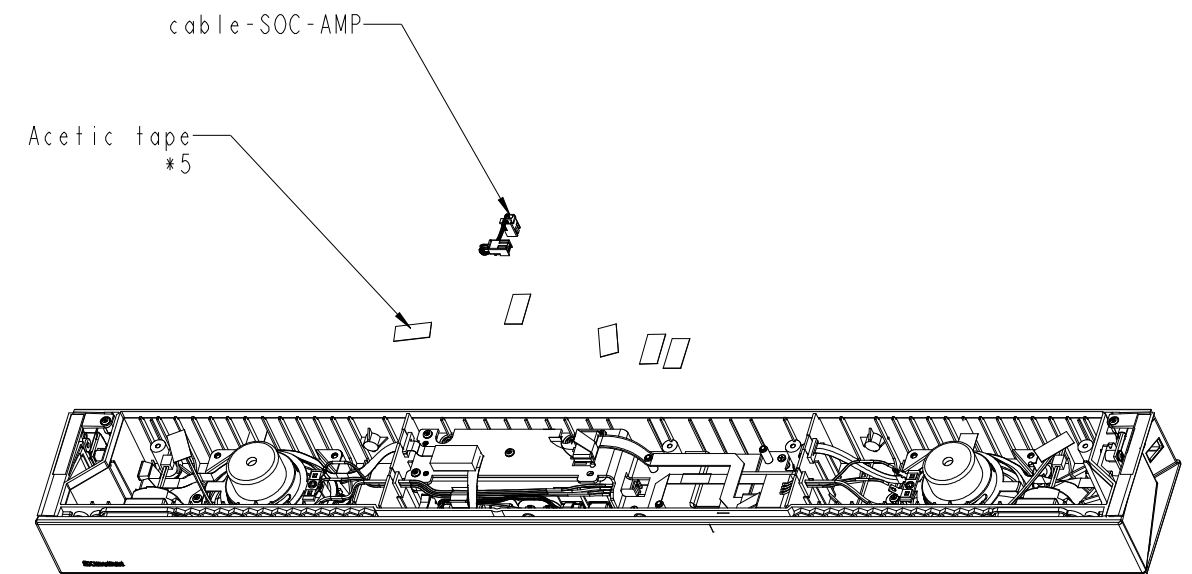
Step 18:

- Snap the FPC_SIDE_PCB_RIGHT, FPC_LED_BOARD, FPC_SIDE_PCB_LEFT to LED board respectively as indicated
- Assemble the front cover to bottom cover.



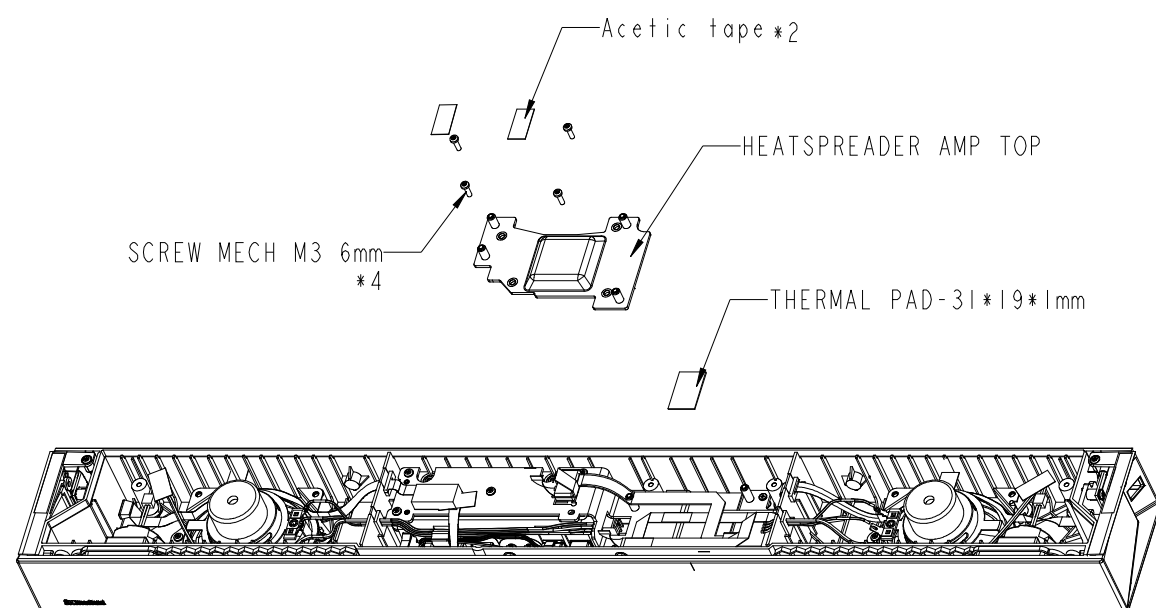
Step 19:

- Fix the FFC cable to heatspreader with 5 Acetic tapes.
- Snap the cable-SOC-AMP to SoC board as indicated



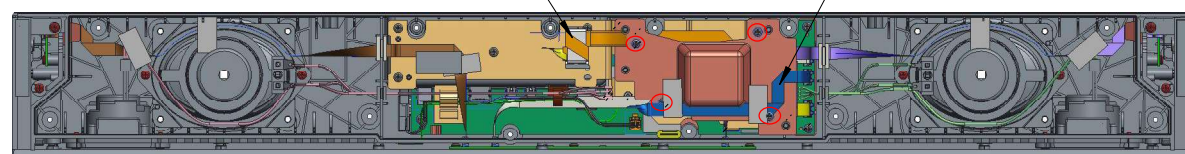
Step 20:

- Assemble the thermal pad to heatspreader.
- Fix the HEATSPREADER AMP TOP to HEATSPREADER SOC TOP with 4 screws as indicated. Locking torque: $3.5 \pm 0.5 \text{ kgf*cm}$.
- Fix the button FFC cable to HEATSPREADER with Acetic tape as indicated.



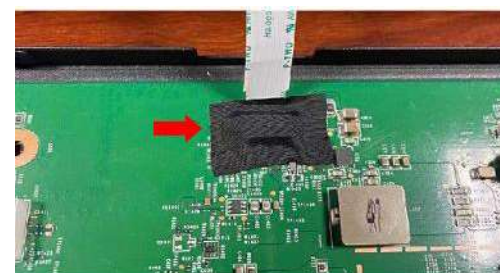
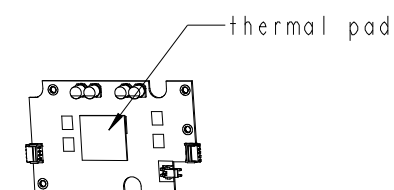
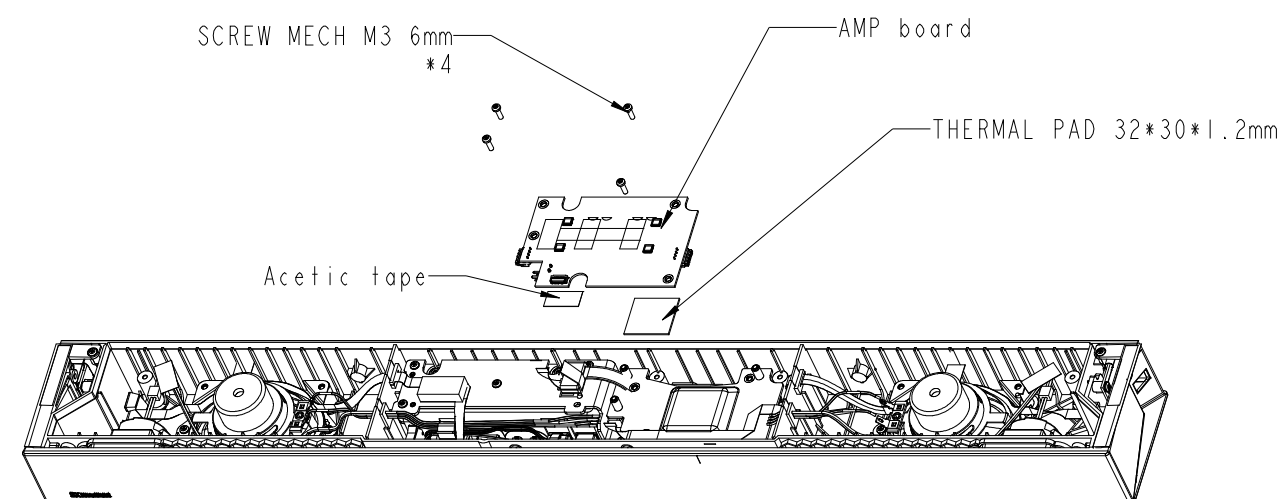
FPC_CABLE_MIC

FPC_BUTTON_PCB



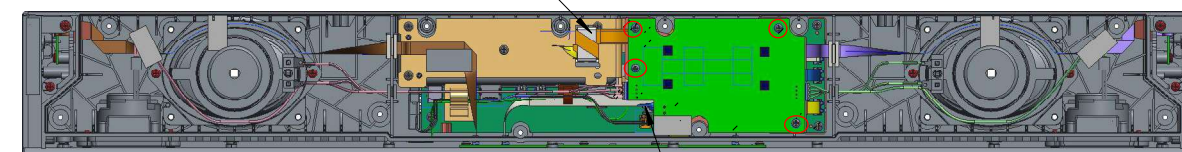
Step 21:

- Fix the FFC cable to AMP board with Acetic tape and assemble the thermal pad to AMP board.
- Fix the AMP board to HEATSPREADER AMP TOP with 4 screws as indicated. Locking torque: $3.5 \pm 0.5 \text{ kgf*cm}$.
- Stick the sponge to AMP board.

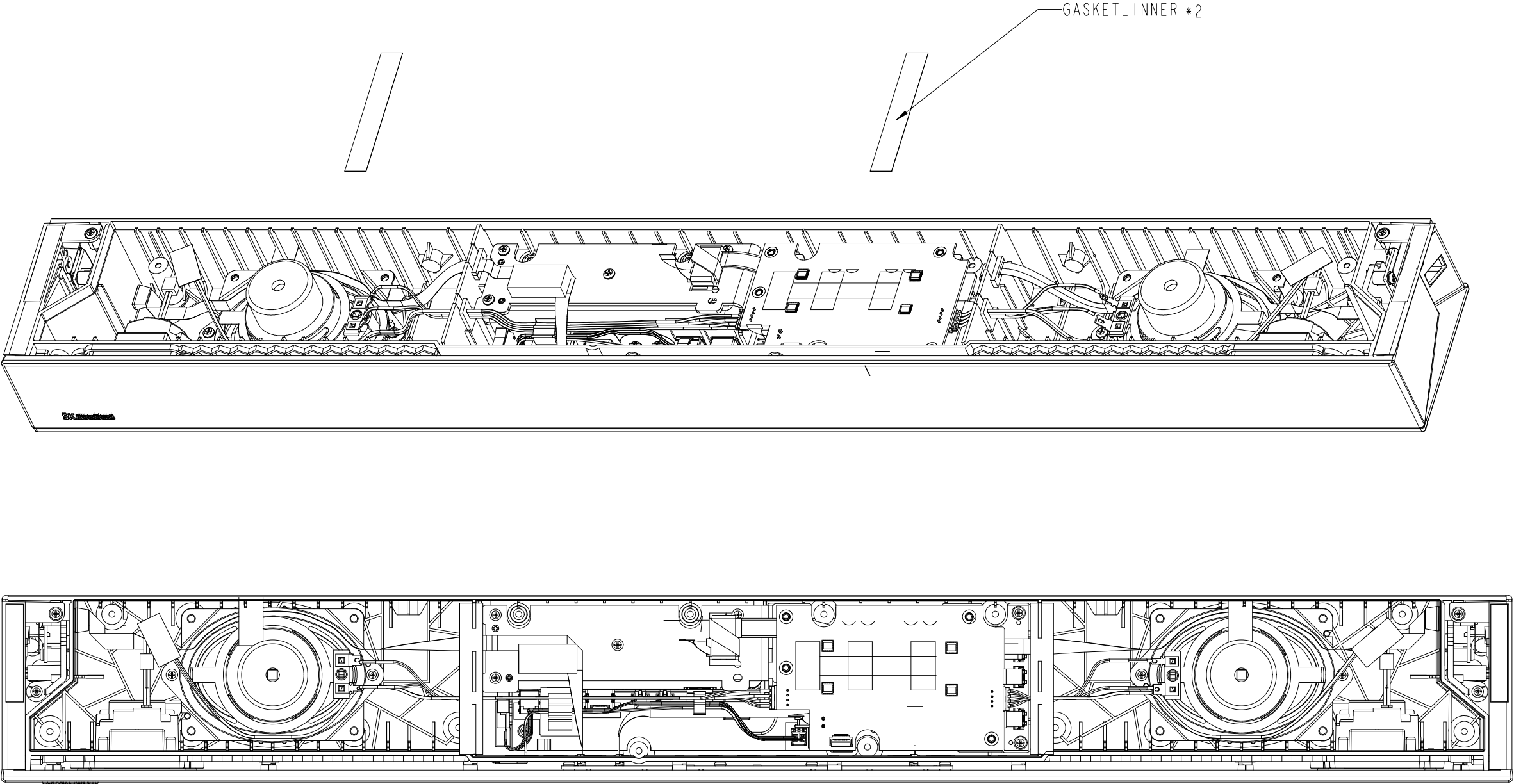


FPC_CABLE_MIC

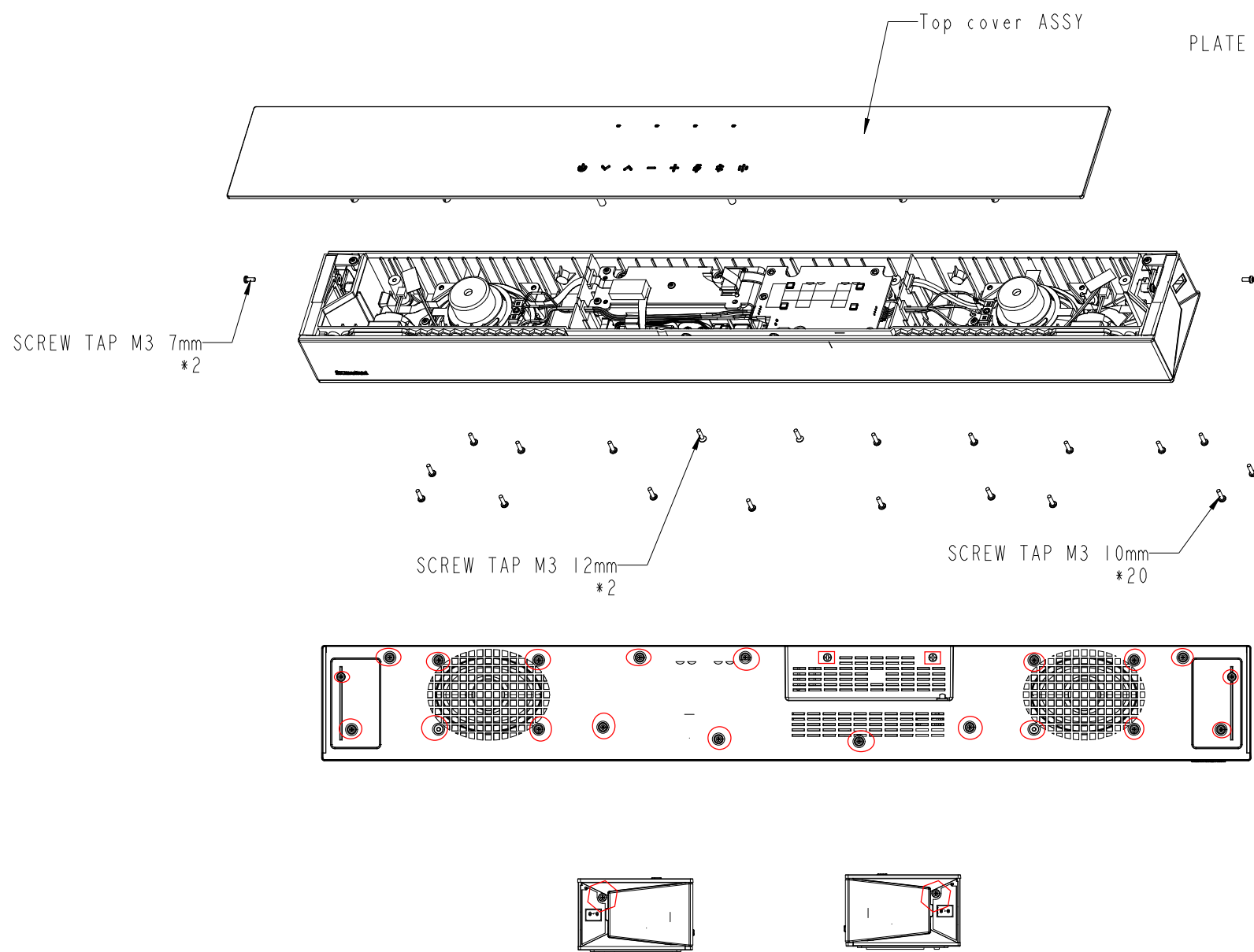
FPC_BUTTON_PCB



Step 22: Stick the GASKET INNER to Bottom cover.



Step 23: Fix the top cover to bottom cover with 22 screws as indicated.
Locking torque: 6~6.6 kgf*cm.



- Aline top and bottom housing
- Press gently from the center to each side



Step 24:
a. Assemble the RUBBER FOOT, RUBBER COVER to bottom cover respectively as indicated.
b. Assemble the PLATE BTV LOGO to bottom cover after all test pass.

