



JBL SoundBoost Speaker Teardown

A quick guide on how to disassembly the Moto Mod JBL SoundBoost speaker

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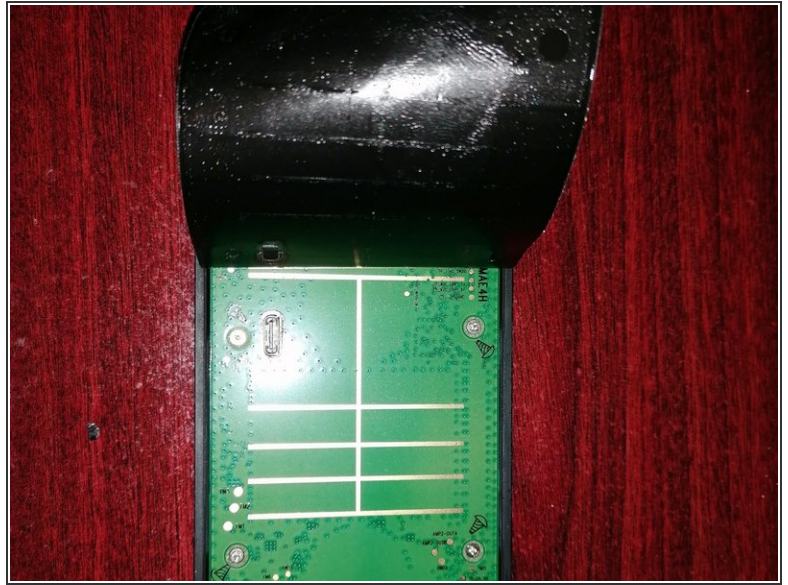




TOOLS:

- [Phillips #0 Screwdriver](#) (1)
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Step 1 — JBL SoundBoost Speaker Teardown



- Peel the sticker from the back

Step 2



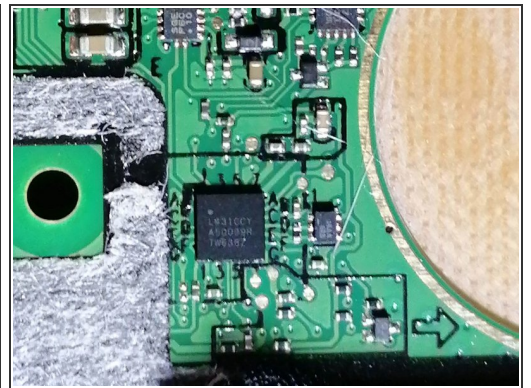
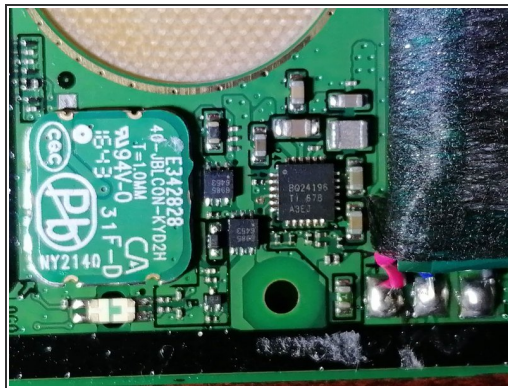
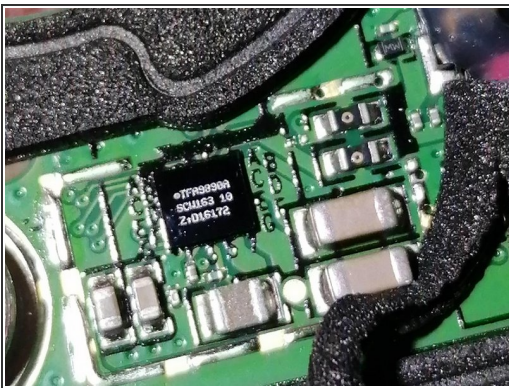
- Unscrew the 8 screws from the back

Step 3



- Extract the PCB from case

Step 4



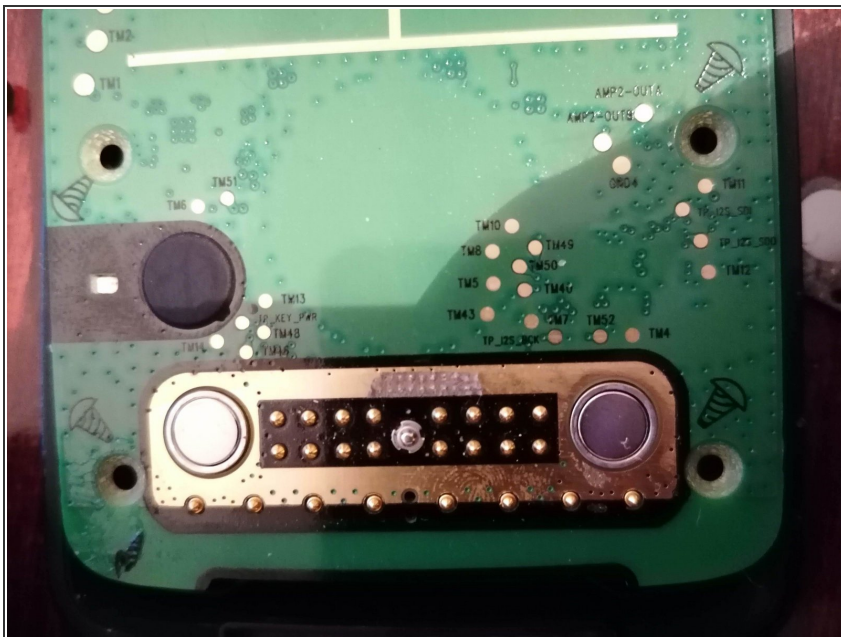
- BQ24196 - battery charger
- TFA9890A - speaker driver
- STM32L431xx - ARM Cortex M4 (L431CCY mark on chip)

Step 5



- 3.7V 1000mAh battery

Step 6



- The PCB has exposed test pads for: I2S, JTAG, UART, Amp output, Power button and some pads named TM#