mini2No Power ON repair

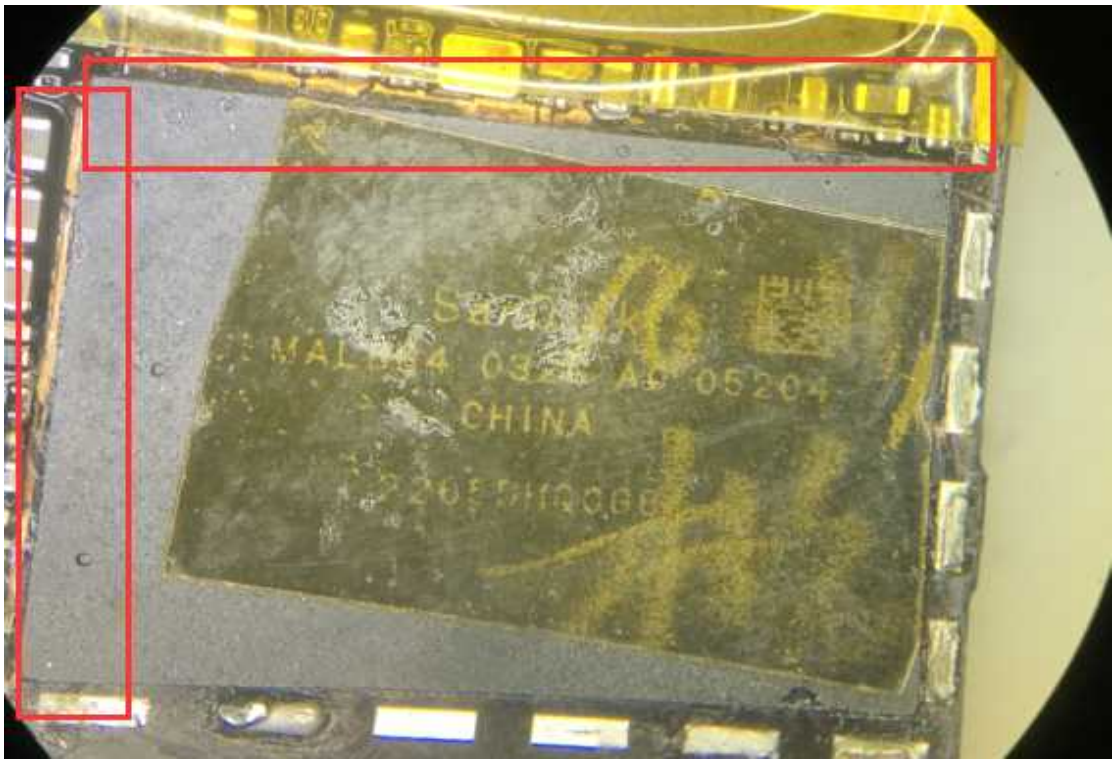
Faulty model: IPAD mini2

Symptom: No Power ON

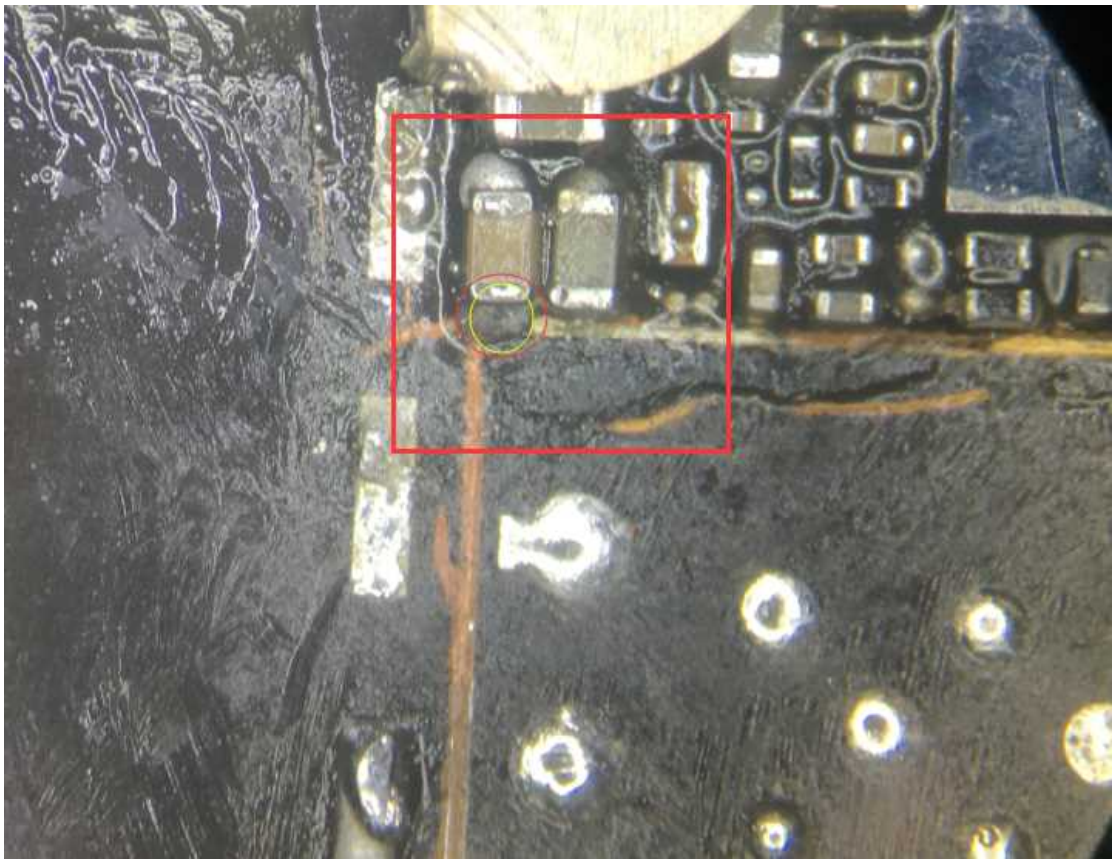


Fault analysis: According to the customer's description, the high current caused by changing NAND, because the NAND and CPU of the mini2 are close to the temperature control, it is possible to blow the CPIU The solder tin extruded.

Repair process: The motherboard NAND has been removed and soldered.And there is leaking copper around.



Trigger about 1A, the trigger current is unchanged after the NAND is removed.The measurement is a short circuit of the XV6301's 3VVCC.It has been observed that the filter capacitor of NAND 3vVCC is connected to GND.



Maintenance results: It is not good to use the insulated paint（green oil） in the copper leakage. The short-circuited grounding capacitor is removed, and the NAND and Recovery are welded.The repair of the fault is completed.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