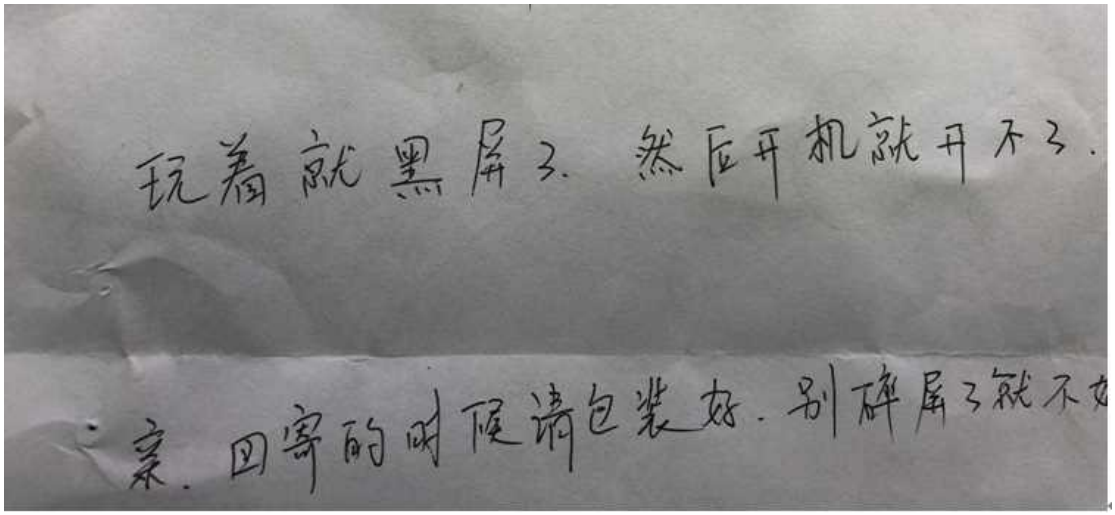
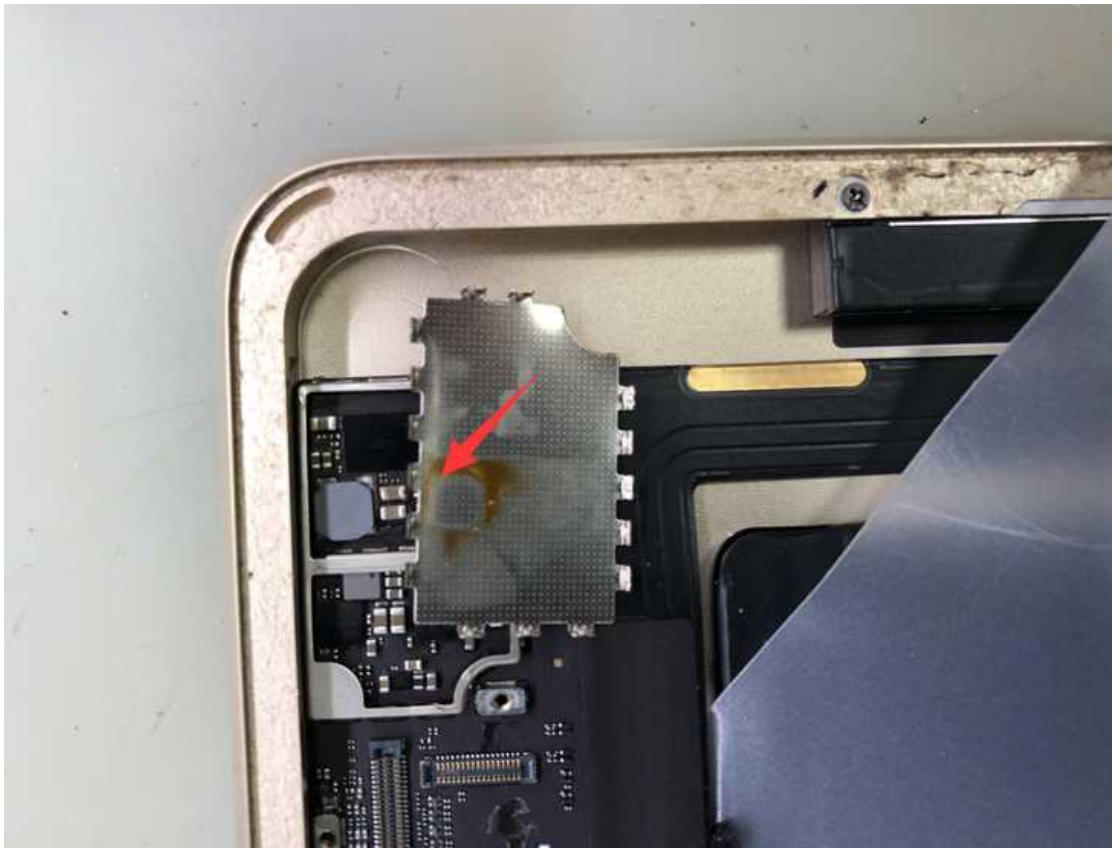
[Faulty model] iPad 6

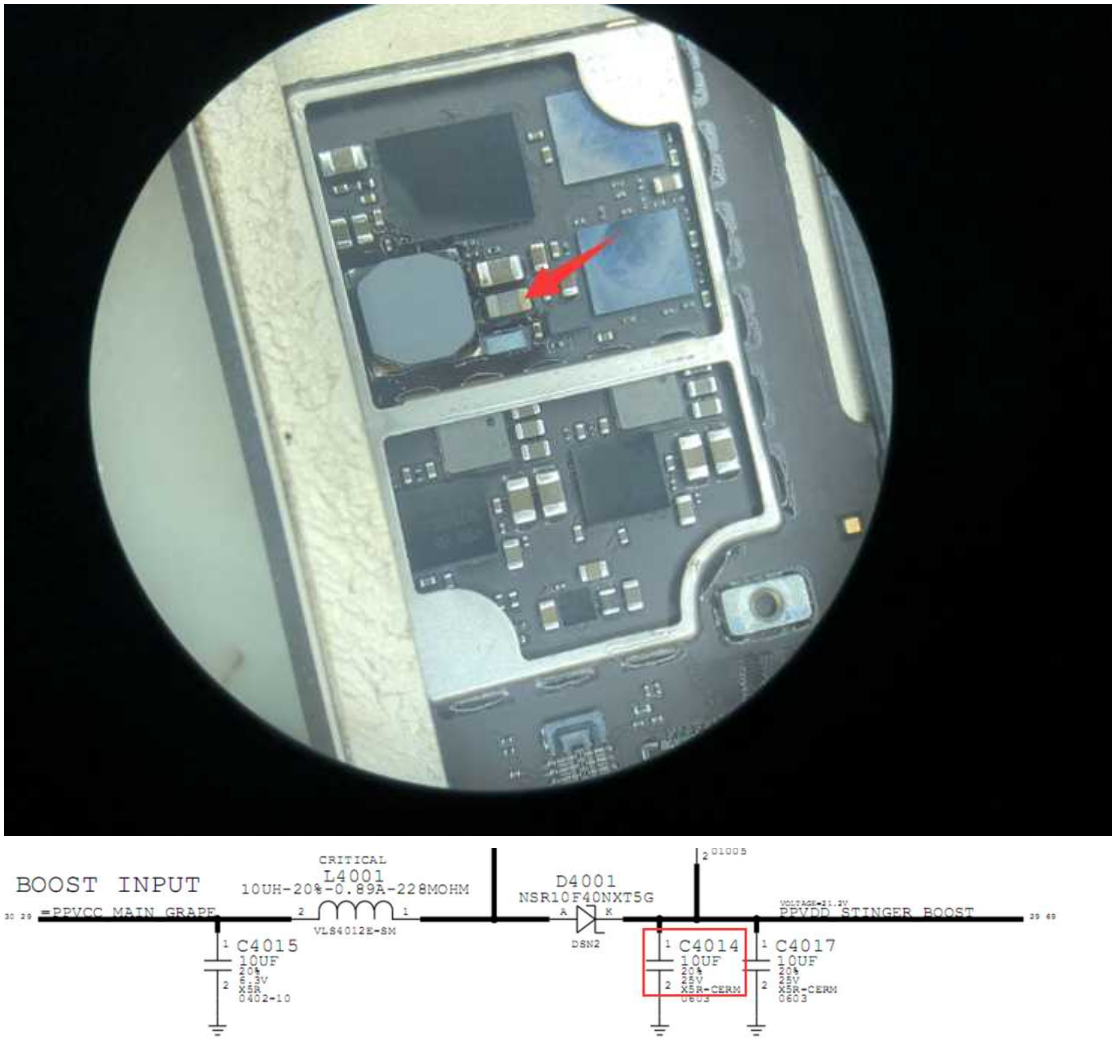
[Fault phenomenon] No Power ON



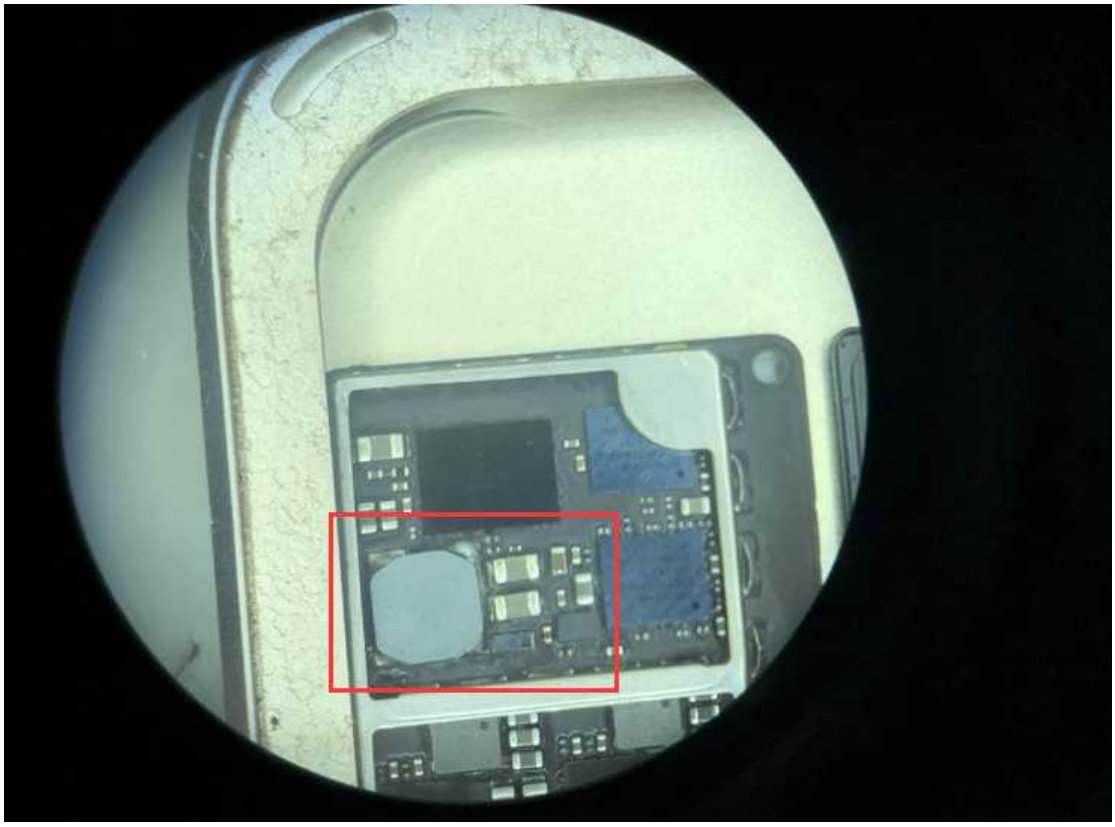
[Maintenance process] Detecting the fault, taking apart the screen to measure the main VCC large Inductor L18812 short circuit to the ground diode value.Careful observation of the motherboard found that the touch part of the figure has obvious abnormalities as shown in the figure:

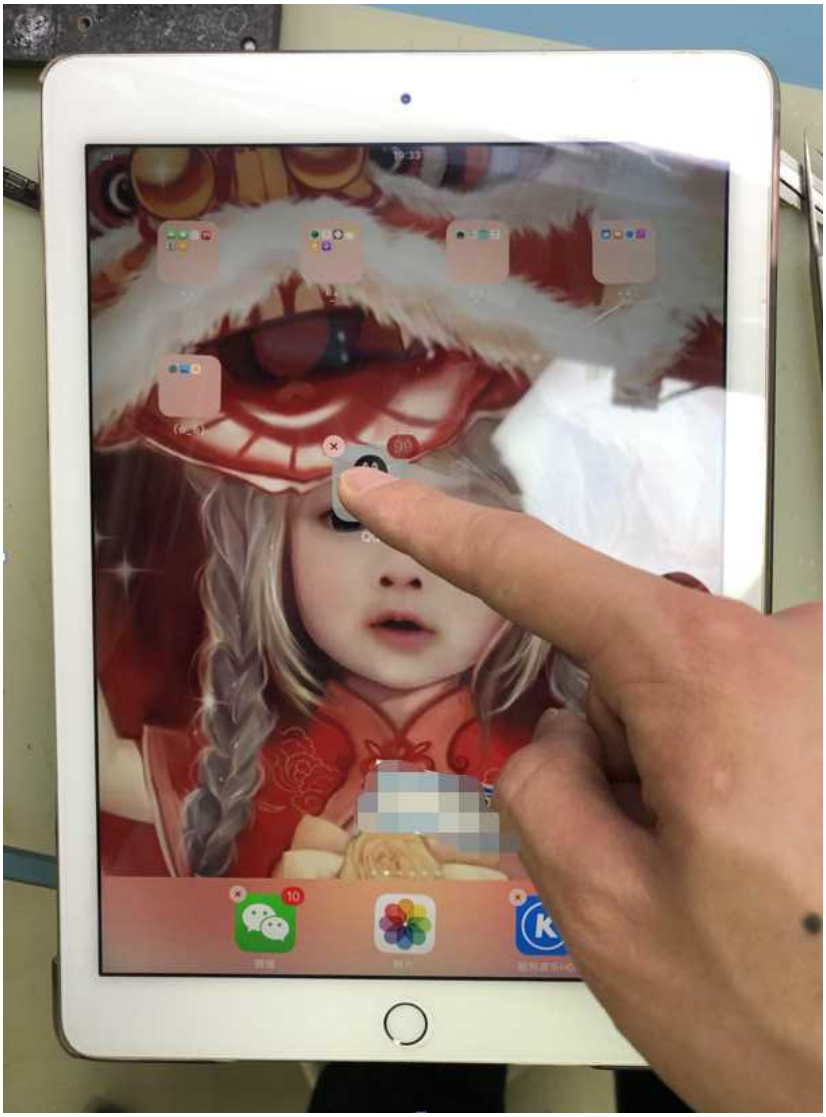


Under the microscope, it was found that the capacitor c4014 was clearly blackened.



To remove the burnt capacitor, it is necessary to replace the l4001 with the rectifier diode d4001 and the installed test test is normal.





Fault repair