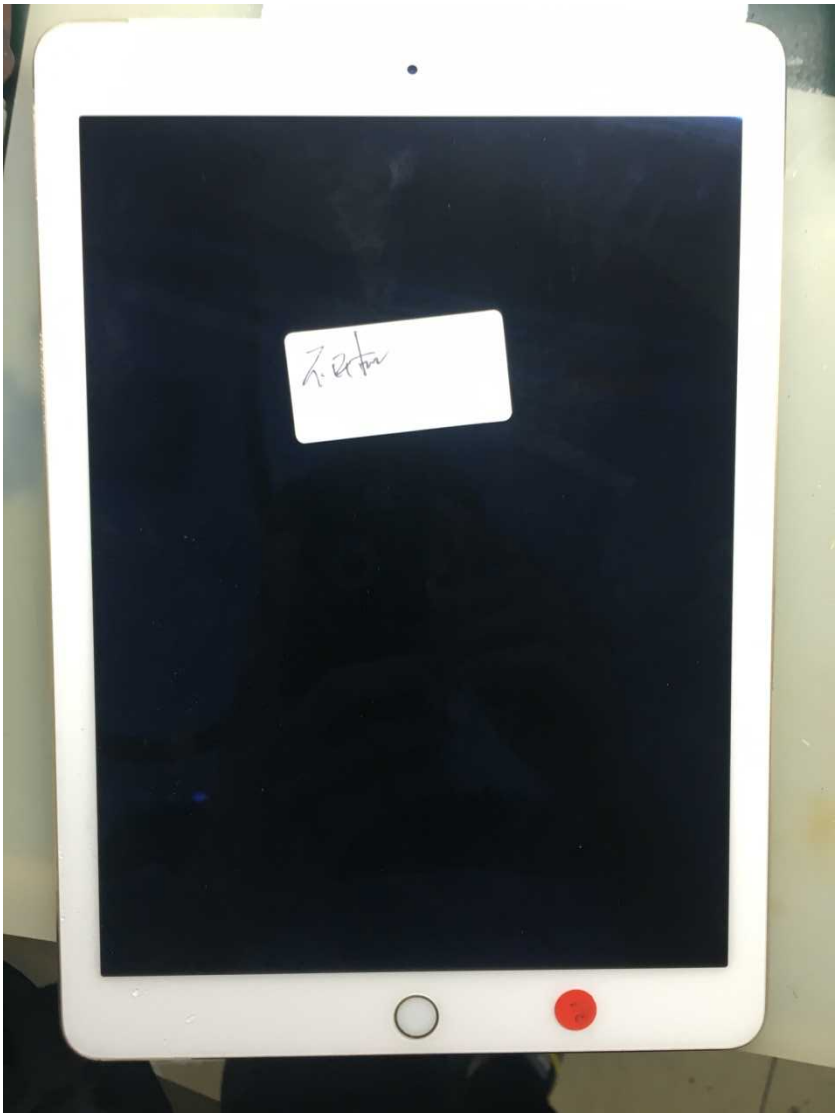
[Faulty model] iPad Air 2

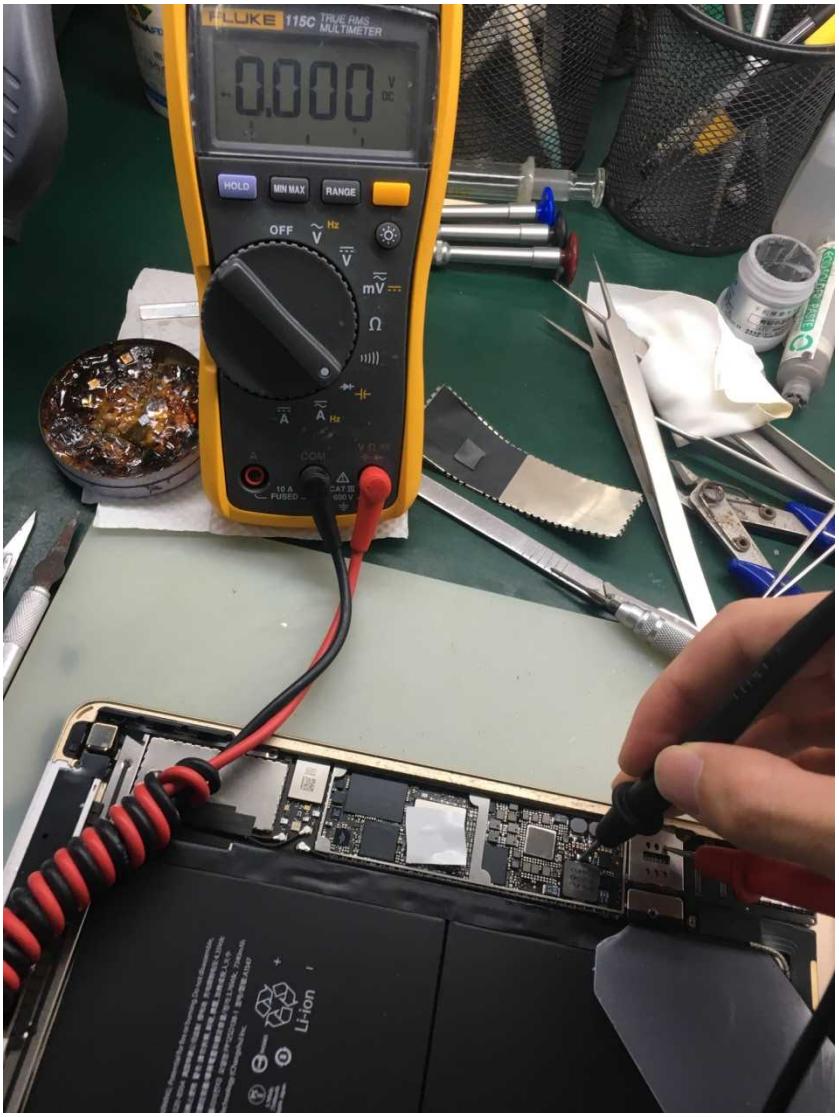
[Fault phenomenon] No Power ON

[Maintenance process] The customer described an iPad6 on the second day of charging, No Power ON sent over the inspection and repair as shown:

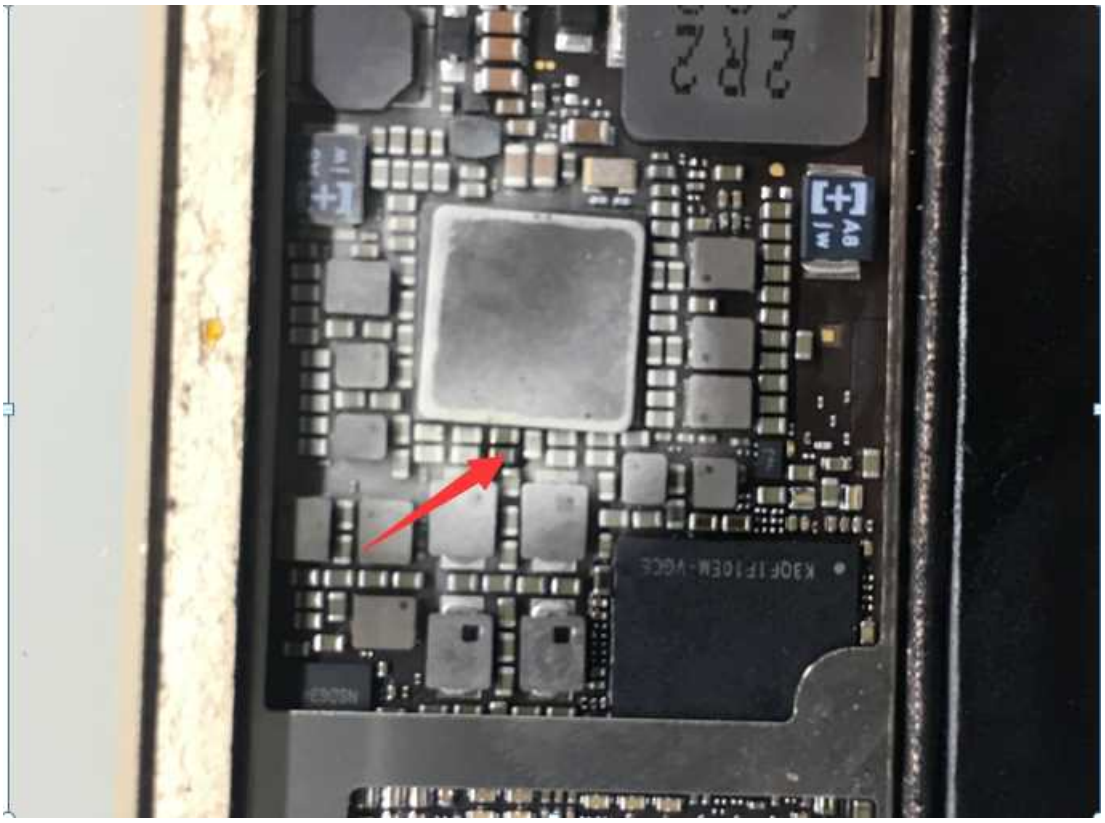


Send it to the heating platform and slowly remove the screen assembly, observe that the motherboard has no obvious charred black originals, and then start measuring the Inductor to the ground diode

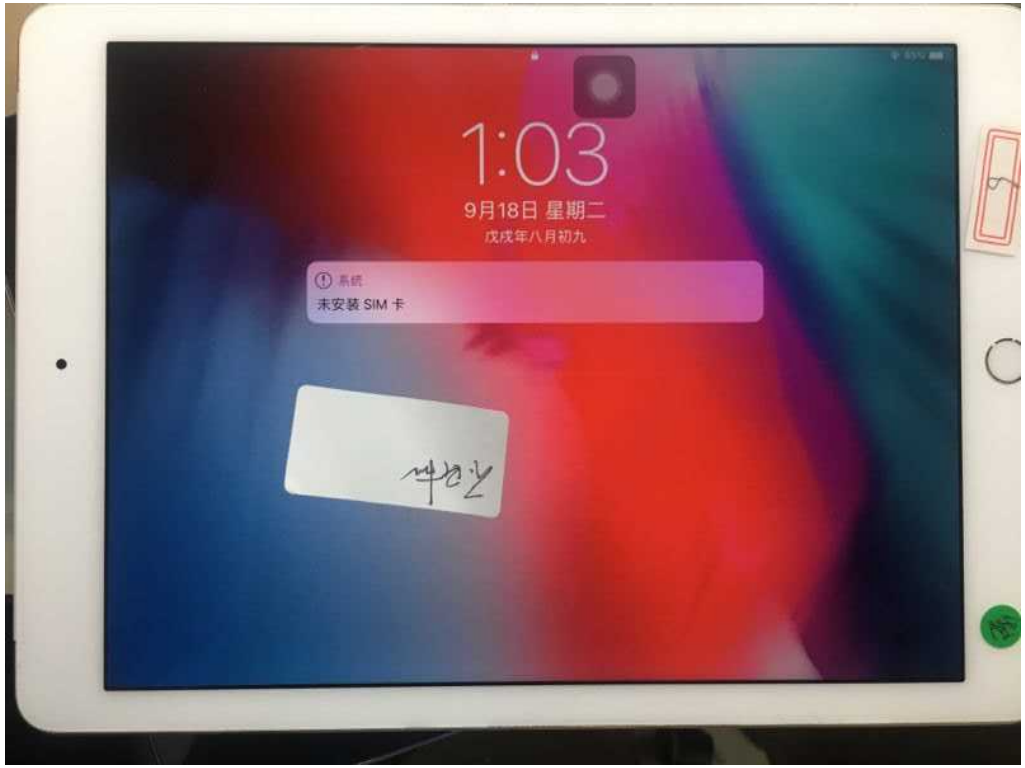
value found abnormalities as shown:



The main VCC PPVCC_MAIN is short-circuited to the ground, using the artifact, the whole board is smoked on the Colophony (Solder) and the fault is as follows:



The short-circuited filter capacitor first melts and heats up, decisively deducting the installed detector.


1:03
9月18日 星期二
戊戌年八月初九
系统
未安装 SIM 卡