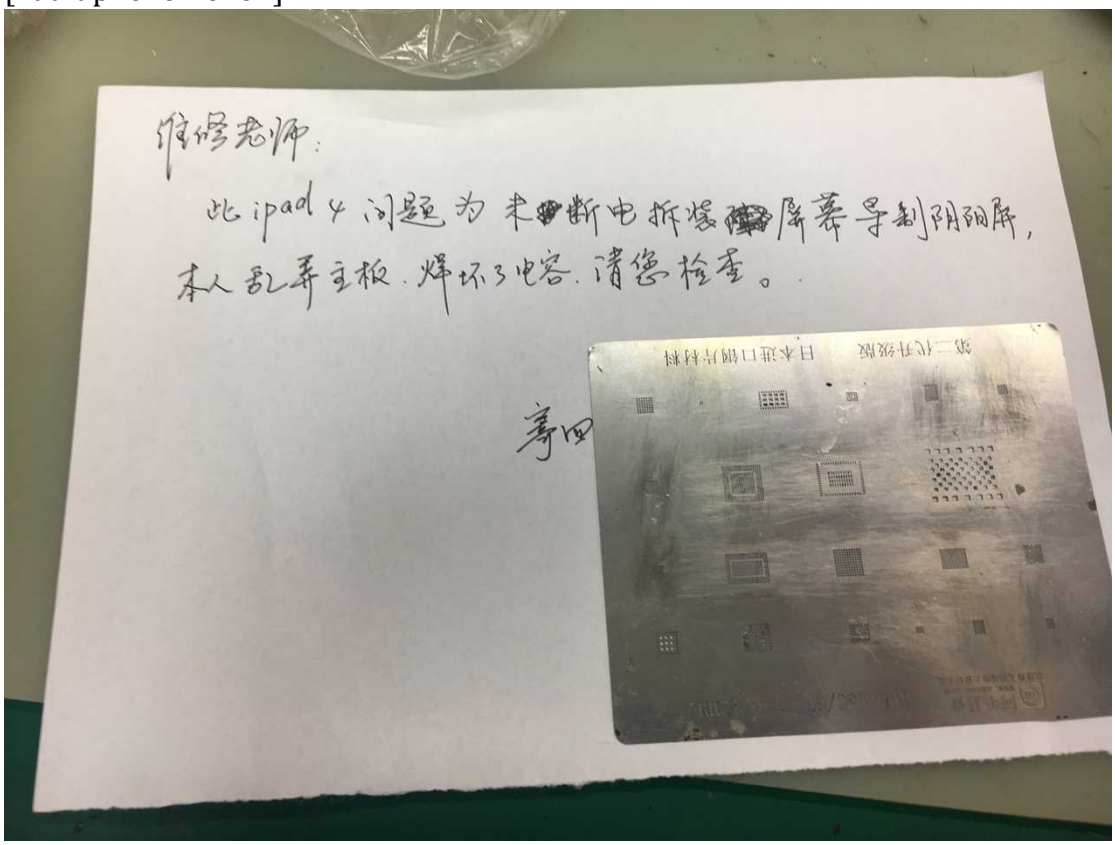
iPad4No Power ON repair

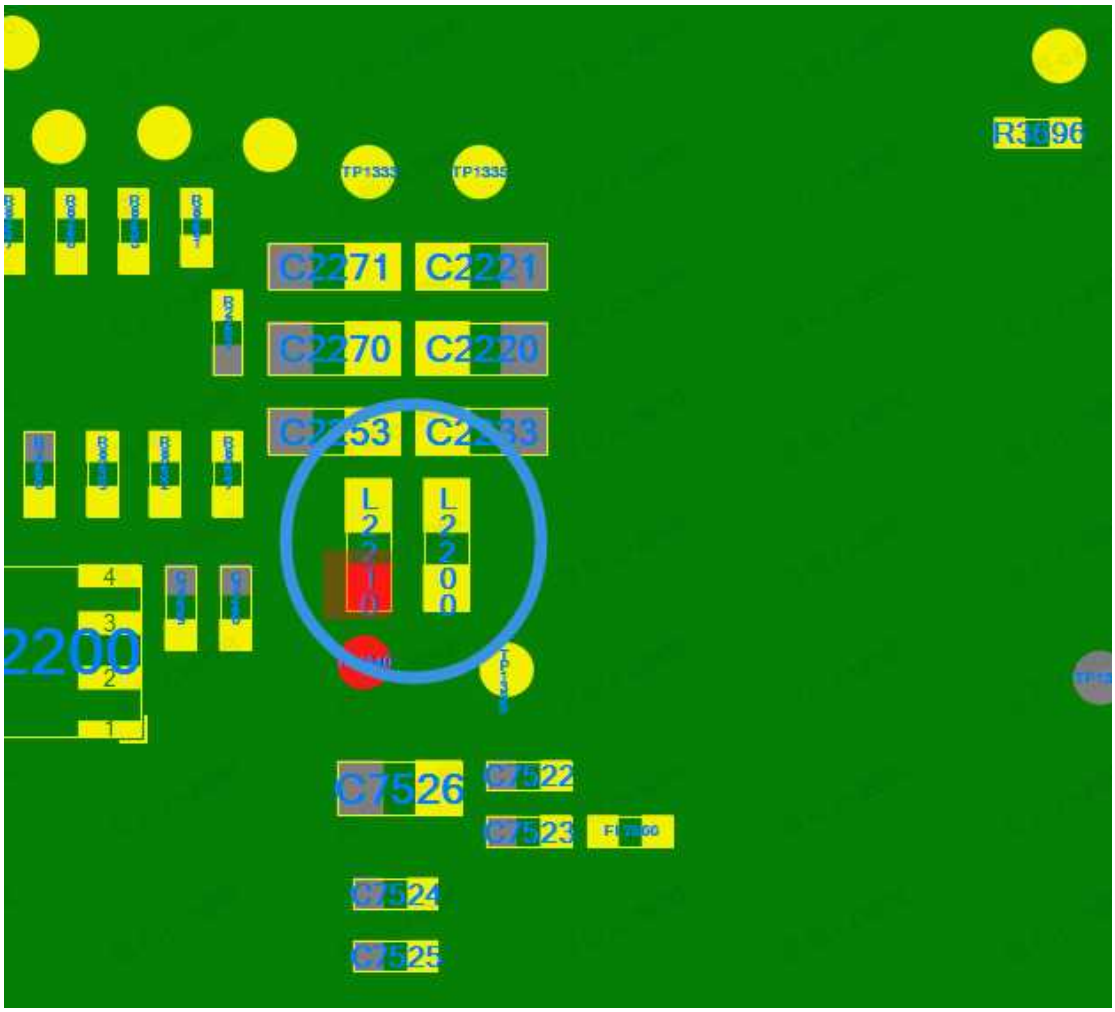
[Faulty model] iPad4

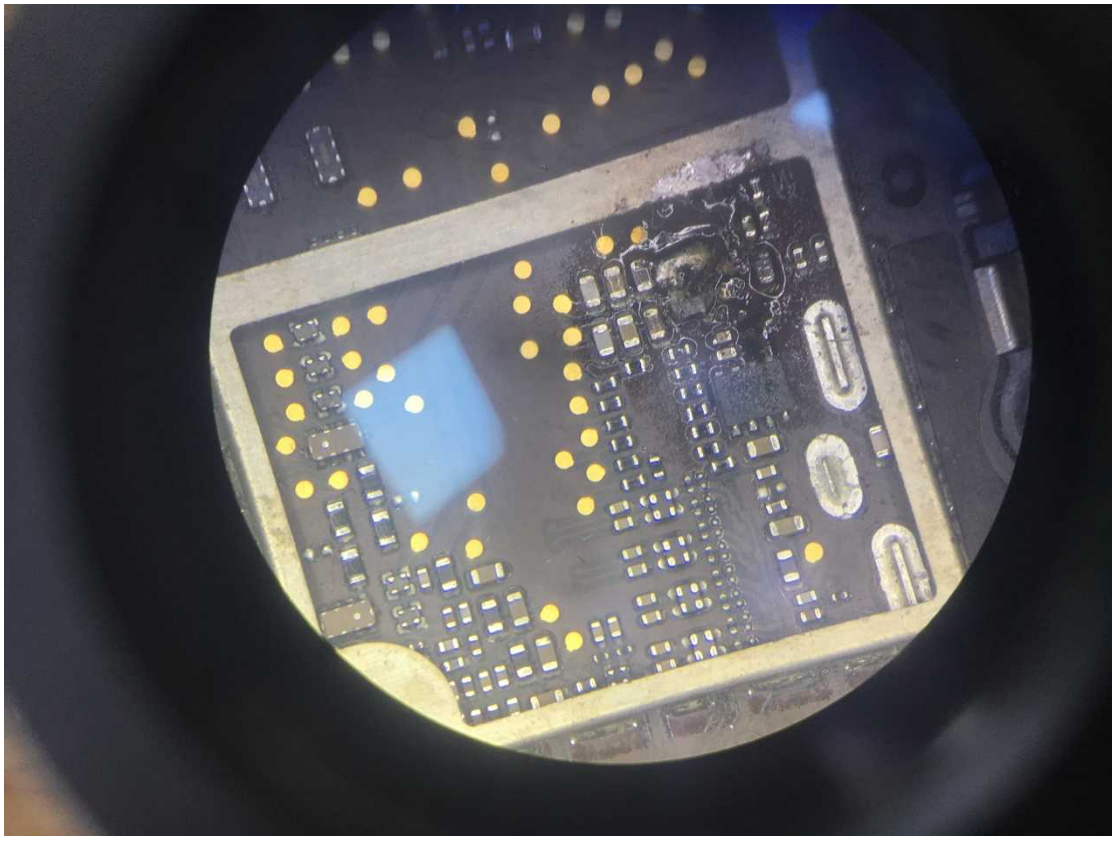
[Fault phenomenon]



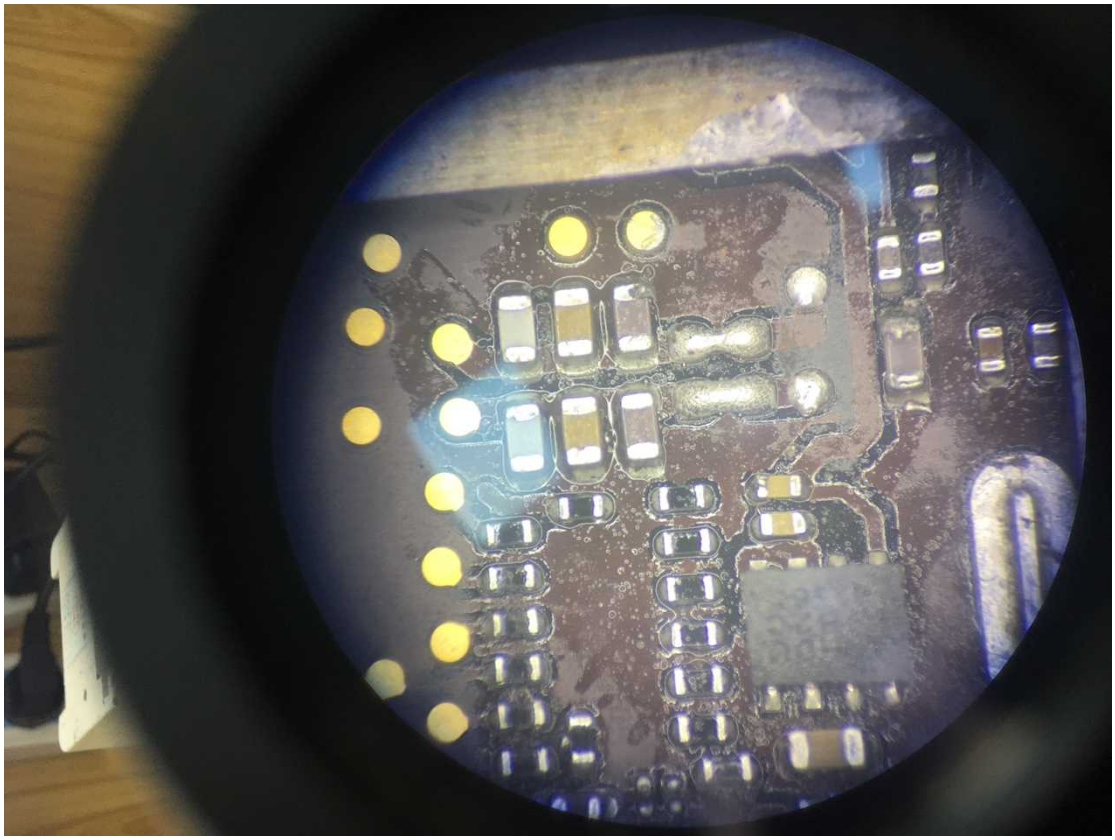
The customer description is that I changed the screen and caused the Screen Half Bright to make it myself.

[Maintenance process] First, use Adjustable Power supply to power on the current and find that the machine is short-circuited by 3A. It is not Screen Half Bright. Remove the motherboard and observe that Inductor L2210 and L2200 and one end of a capacitor are connected by tin.


TP1335
TP1335
C2271
C2221
C2270
C2220
L2210
L2200
4
3
2
1
C7526
C7522
C7523
C7524
C7525



First, the processing is cleaned. After the processing, the machine is no longer short-circuited. Check the drawings to find the Inductor of the two Inductor backlights. When the insurance Inductor is short-circuited, short-circuit the L2210 and L2200.



Installed on the screen test, found that the machine is normally displayed in the system



All functions are tested properly and the repair is over.