[Faulty model]: ipad pro 12.9 inch

[Fault phenomenon]: no backlight at boot

Can be turned on normally, but the display is not backlit

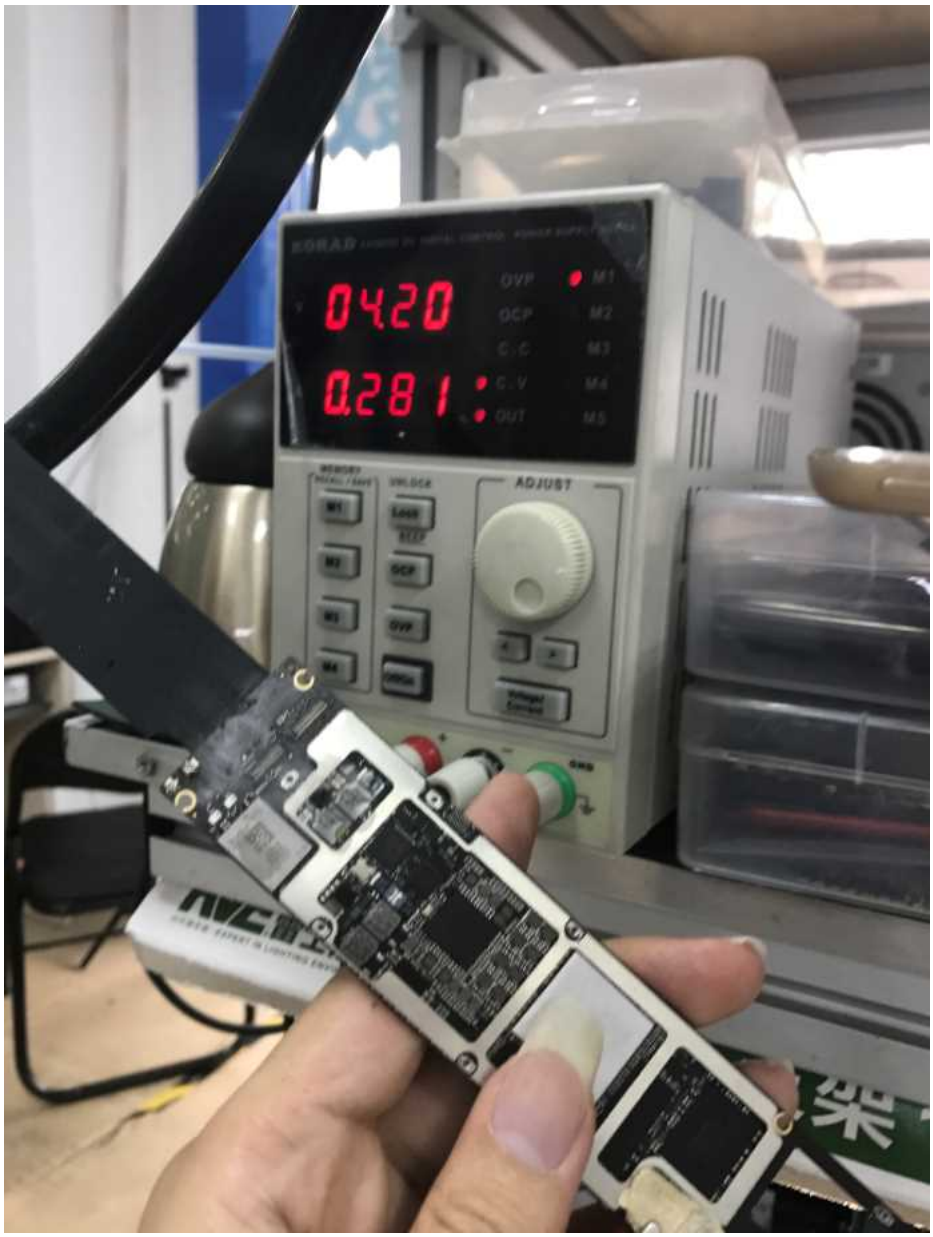


[Fault Analysis]:

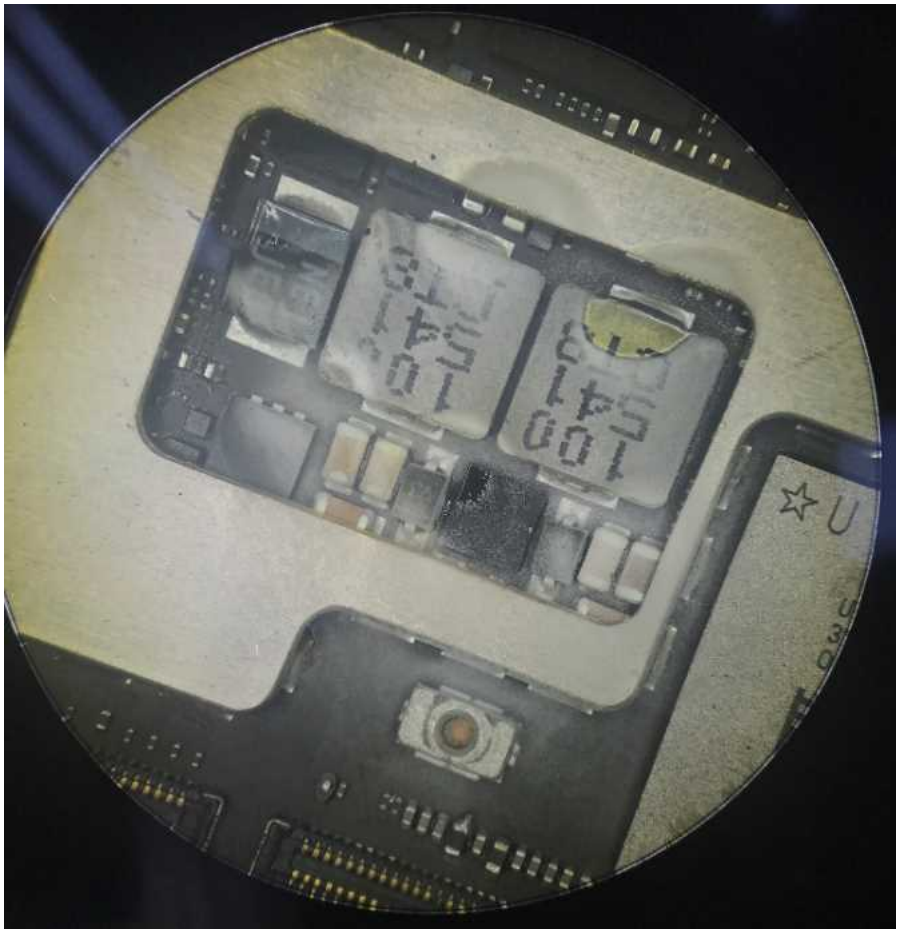
The machine can be turned on normally, there is display, there is no backlight, it is likely that the backlight circuit is faulty, and it may be the problem of the screen itself.

[Maintenance process]:

First remove the screen itself, replace the screen, the fault remains, remove the motherboard, and connect Adjustable Power supply to find more than 200 milliamps of leakage of electricity(battery abnormal consumption).



I feel which part of the area is hot, smoked Colophony (Solder), and the backlight chip Colophony (Solder) melted.



Remove the backlight chip, and the power is not leakage of electricity(battery abnormal consumption).



Replace the backlight chip and install the test.

[Maintenance results]:

The boot backlight returns to normal, and the repair is over. This fault is caused by the damage of the backlight chip. The leakage of electricity(battery abnormal consumption) is powered on and there is no backlight.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29
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