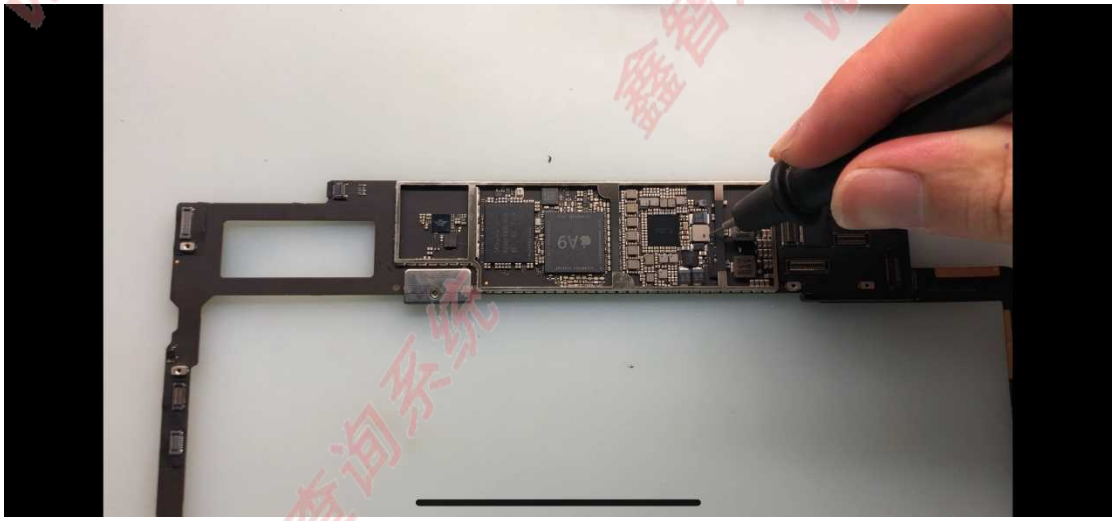
[Failed models] iPad5 2017

[Failure Phenomenon] Customer description is not on, hot on

[Maintenance process] Remove the machine from hand to hand and connect the current meter as shown in Fig.

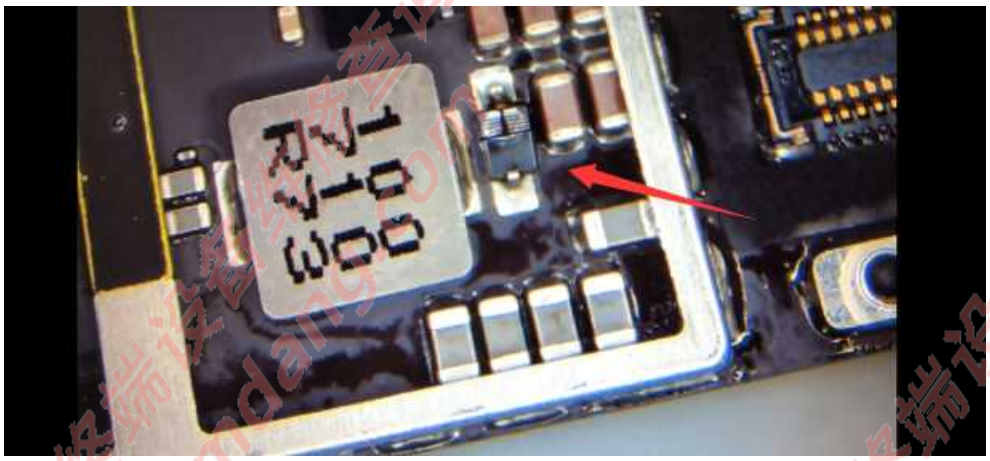


Leakage 559ma.Remove the radiator cover to measure the second short circuit as shown in Fig.

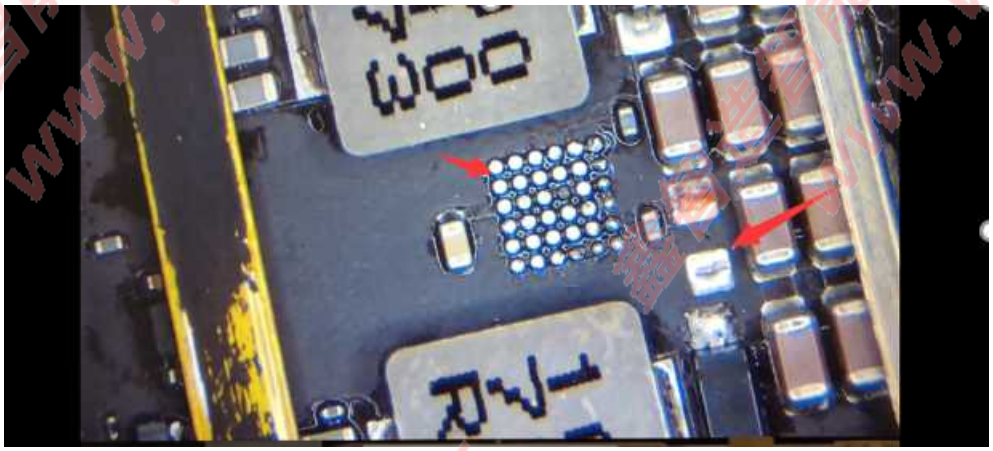




As shown in the figure above, the secondary system is almost completely ground-to-ground. Observed under a magnifying microscope as shown in the figure below:



Backlight rectifier diode has been found to be damaged by breakdown. The common reason for this failure in iPhone is that short circuit of filter capacitor causes instantaneous enlargement of current and breakdown of diode. Remove the damaged secondary tube and find the short circuit capacitance as shown in Fig.



At this time, the backlight IC is also damaged. Remove the second break to the ground secondary system and return to normal as shown in the following figure:



Chip model is 5662 lamp-controlled ic, no such chips in hand need to be ordered, repair to the end of the failure found

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