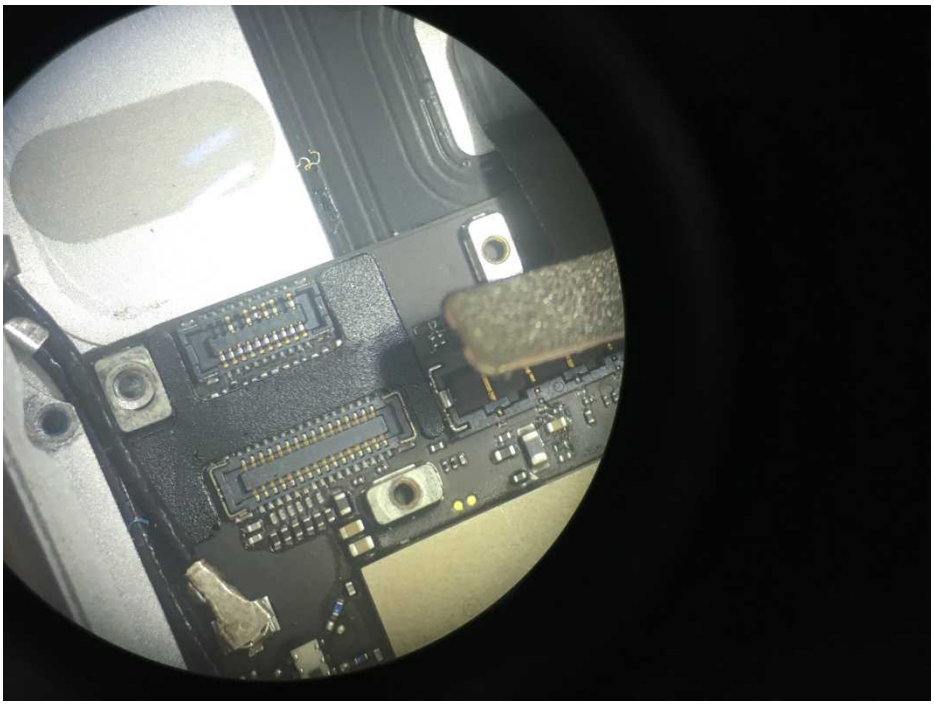
[Faulty model] iPad mini2

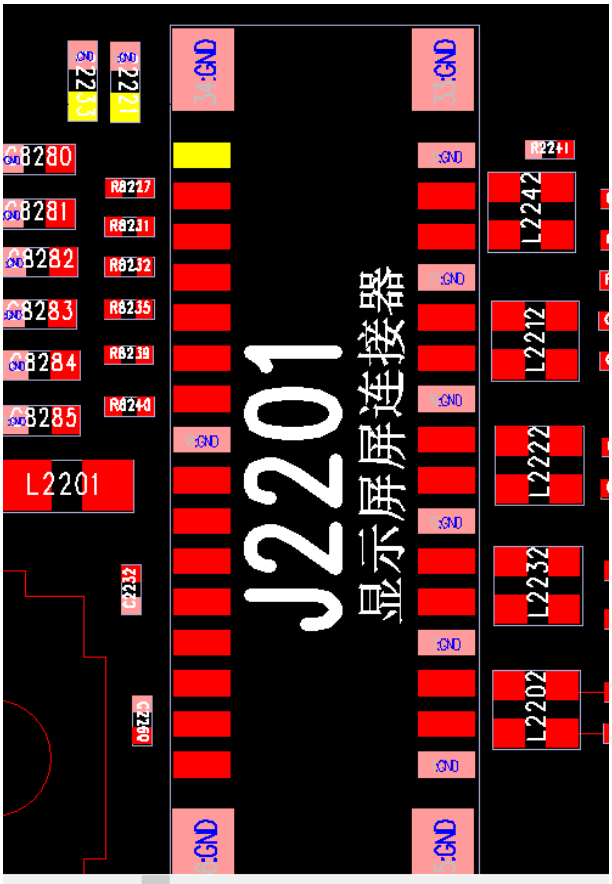
[Fault phenomenon] The customer description does not display after the external touch screen is replaced after the fall, and the charging has sound.

[Maintenance process] First, measure the diode value on the connector as shown in the figure:

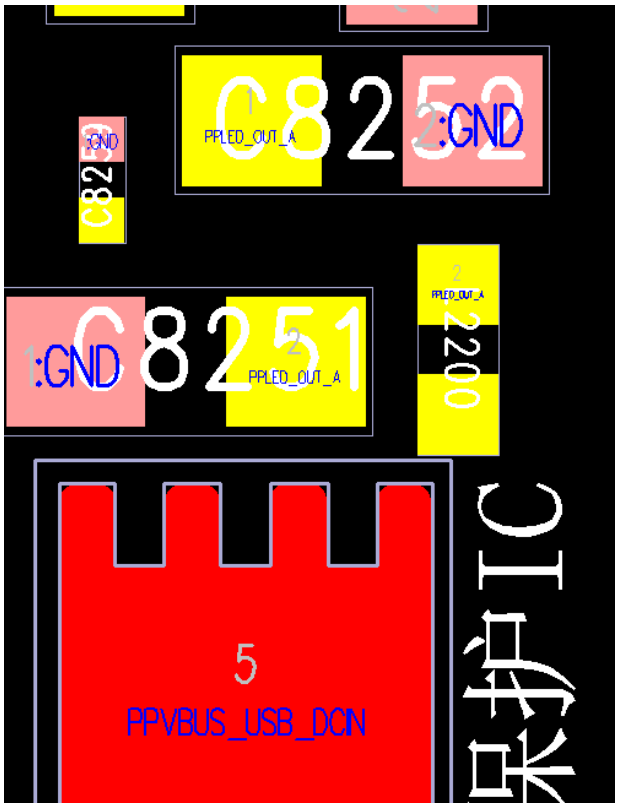


The 32nd pin of the connector is displayed, the backlight circuit is broken, and it is observed that the touch connector has also been damaged.

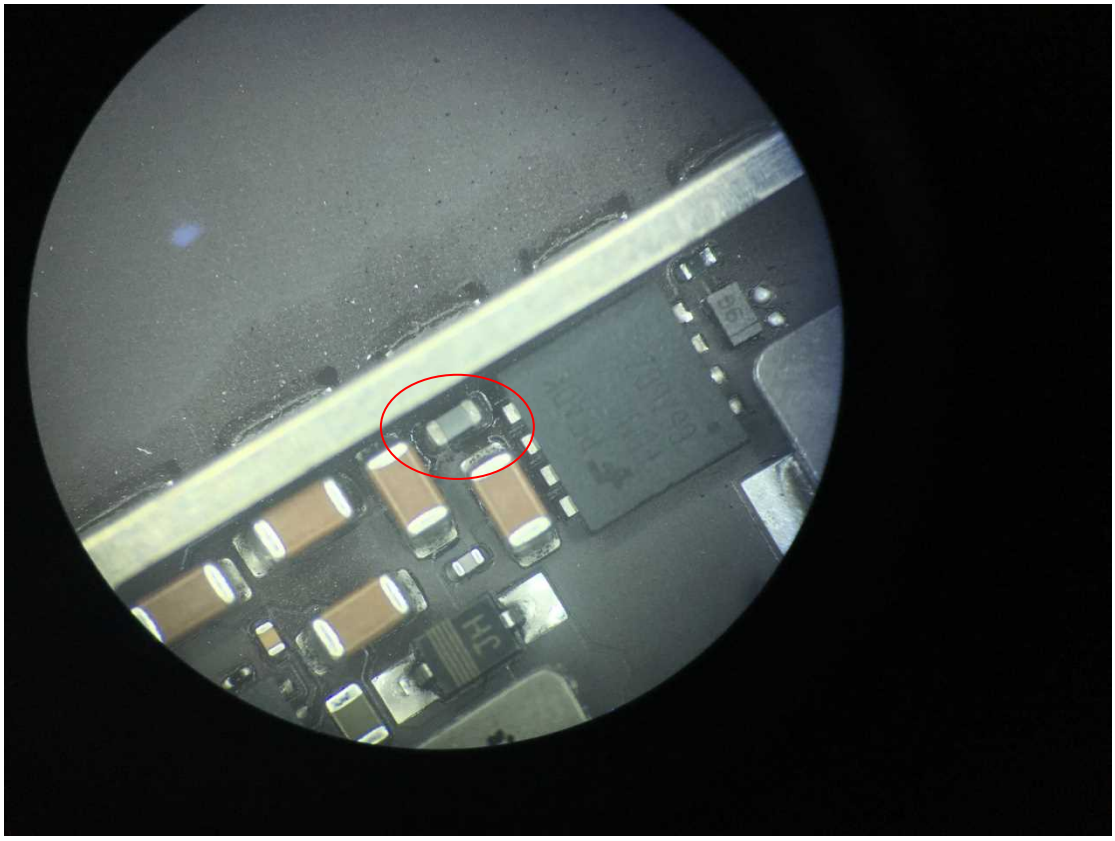




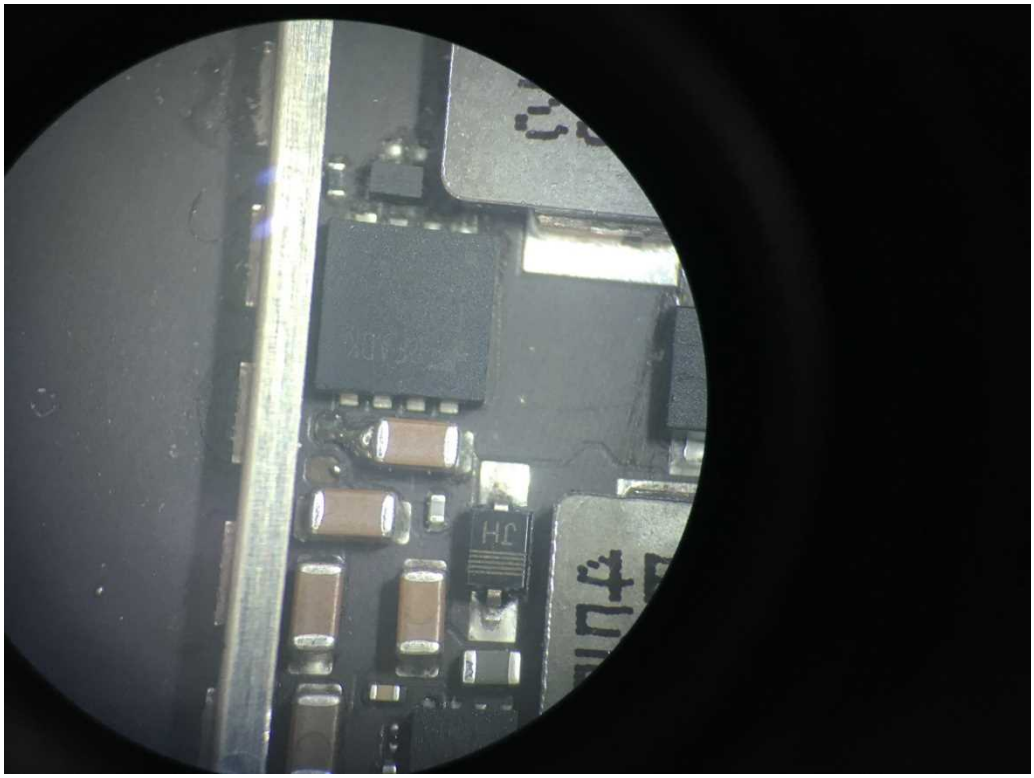
This line passes the insurance Inductor L2200.



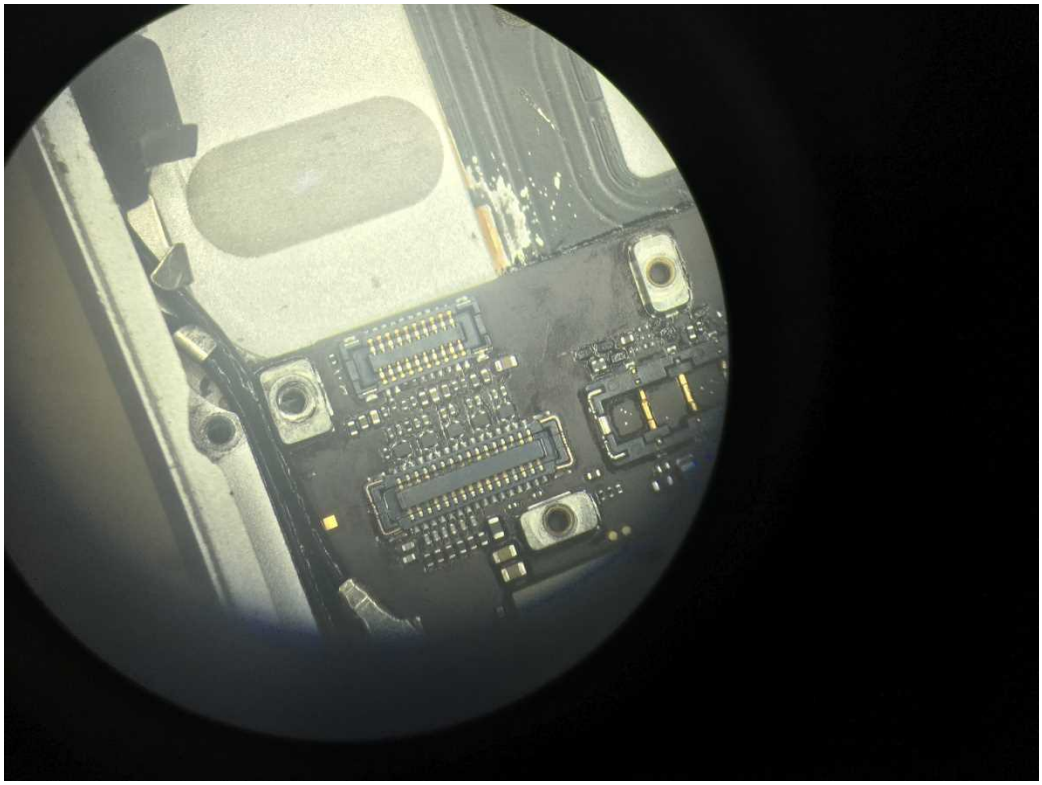
Dismantling the Shielding cover under the microscope revealed that the L2200 insurance Inductor had damaged the open circuit.



Directly shorted



Short the ok and then replace the touch connector.



The touch screen and the display display the touch normally.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