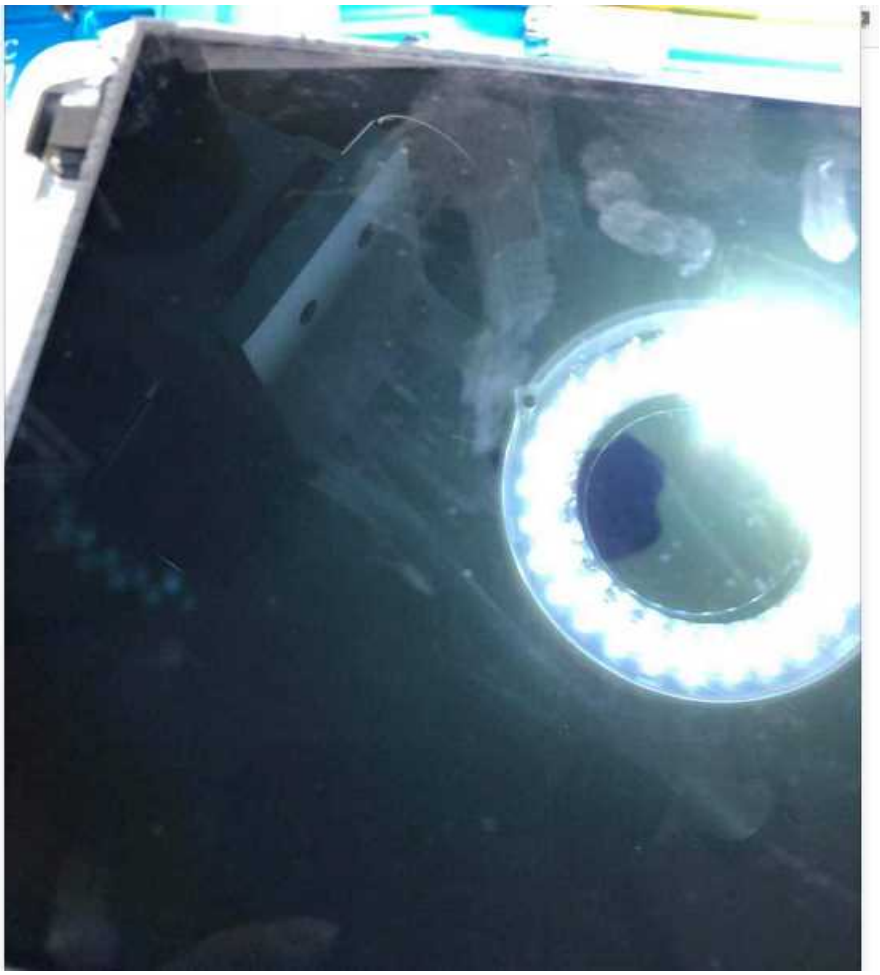
Ipad mini2 no backlight

[Faulty model] ipad mini2

[Fault phenomenon] Customer description no backlight

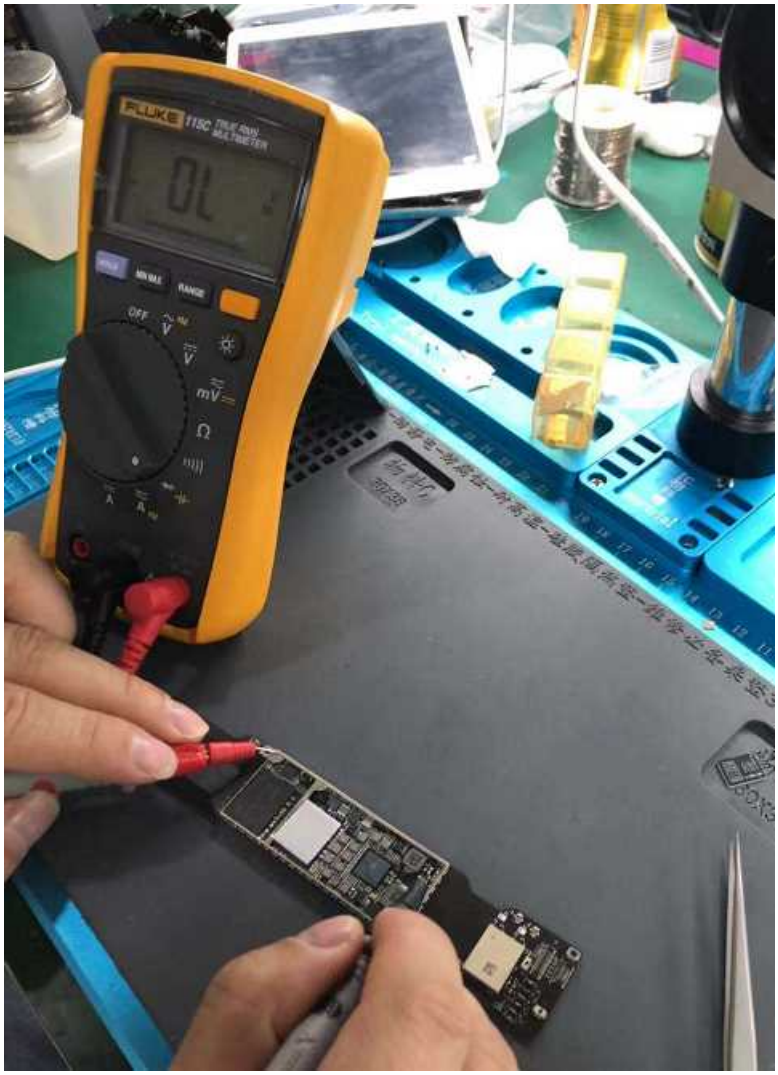


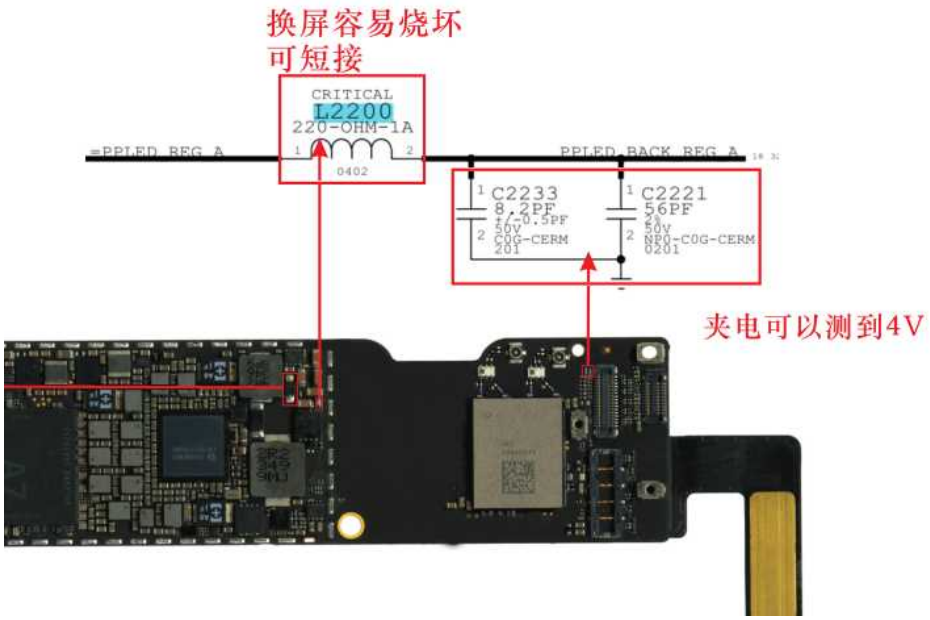
[Fault Analysis]

Screen change causes no backlight, and may change screen causing Inductor or diode burnout

[Maintenance process]

Disassemble the main board to detect the PPLED_BACK_REA_A circuit and find that the circuit is broken. The Inductor L2200 is burned out.Remove directly and short.


FLUKE 115C TRUE-RMS MULTIMETER
OL
RANGE
OFF


换屏容易烧坏
可短接
CRITICAL
L2200
220-OHM-1A
0402
=PPLED_BEG_A
PPLED_BACK_REG_A
C2233
8.2PF
±0.5PF
50V
C0G-CERM
201
C2221
56PF
5%
50V
NP0-C0G-CERM
0201
夹电可以测到4V

[Maintenance result] After the short circuit, the successful bright screen repair is completed.

