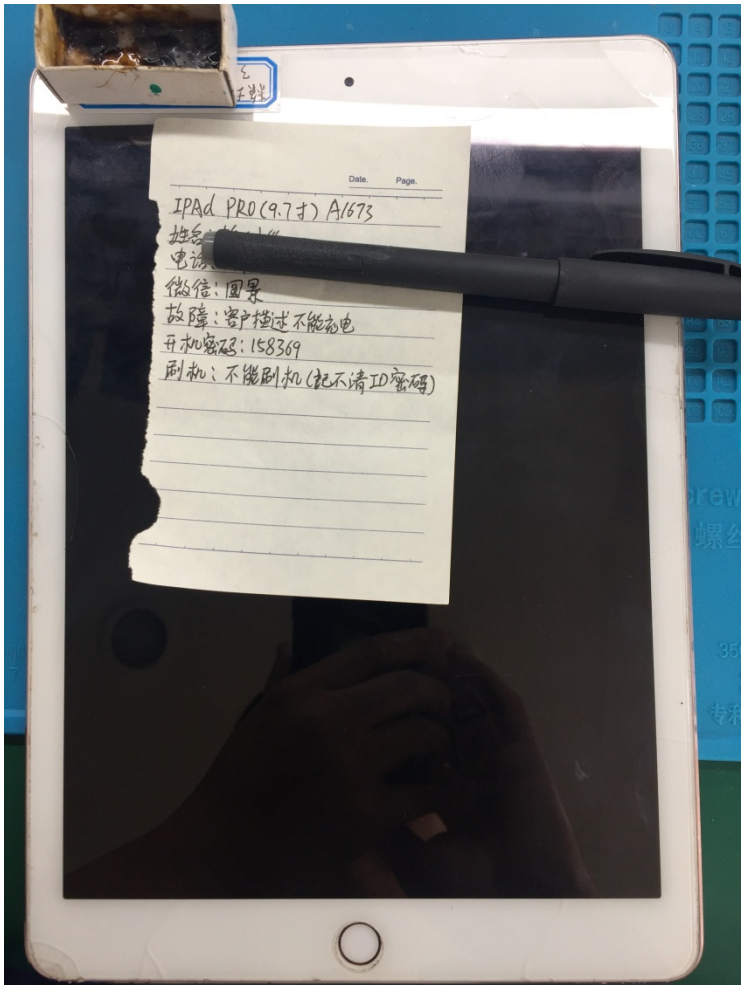
iPad A1673 seven generations are not charging repair

Trouble model: iPad A1673

Symptom: no charging

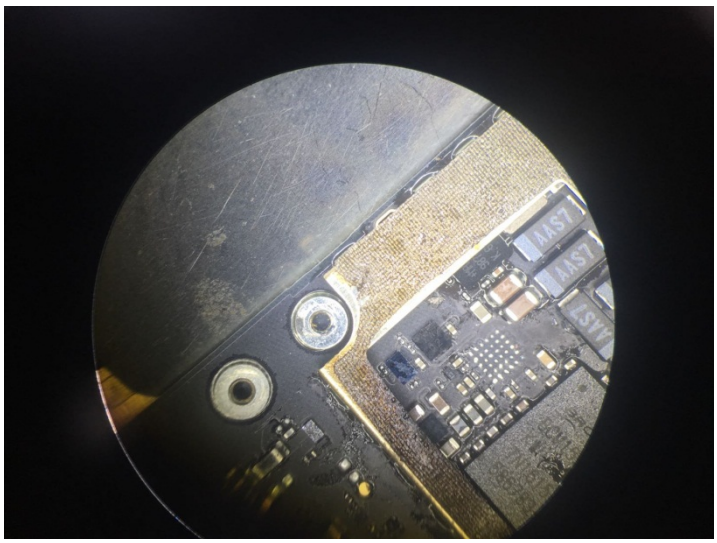


Repair process:

Get the machine, first read the customer description failure, said no charging, detection found that the machine picks the data line, some lines can be charged, some can not be

charged, boot to the computer, found that can be online, is not charging.Connected Adjustable Power supply power on, found that the current is somewhat large, since some lines can be charged, some lines can not be charged, then the battery is no problem, will it be a USB management chip? Disassemble, hit diode value no problem, remove USB, after power-on, found that the current is smaller than the original, the jump is normal, it really is a problem with the USB management chip.







Change the chip of the same model, start the test, and find the troubleshooting.