

4/9 faulty EVM test

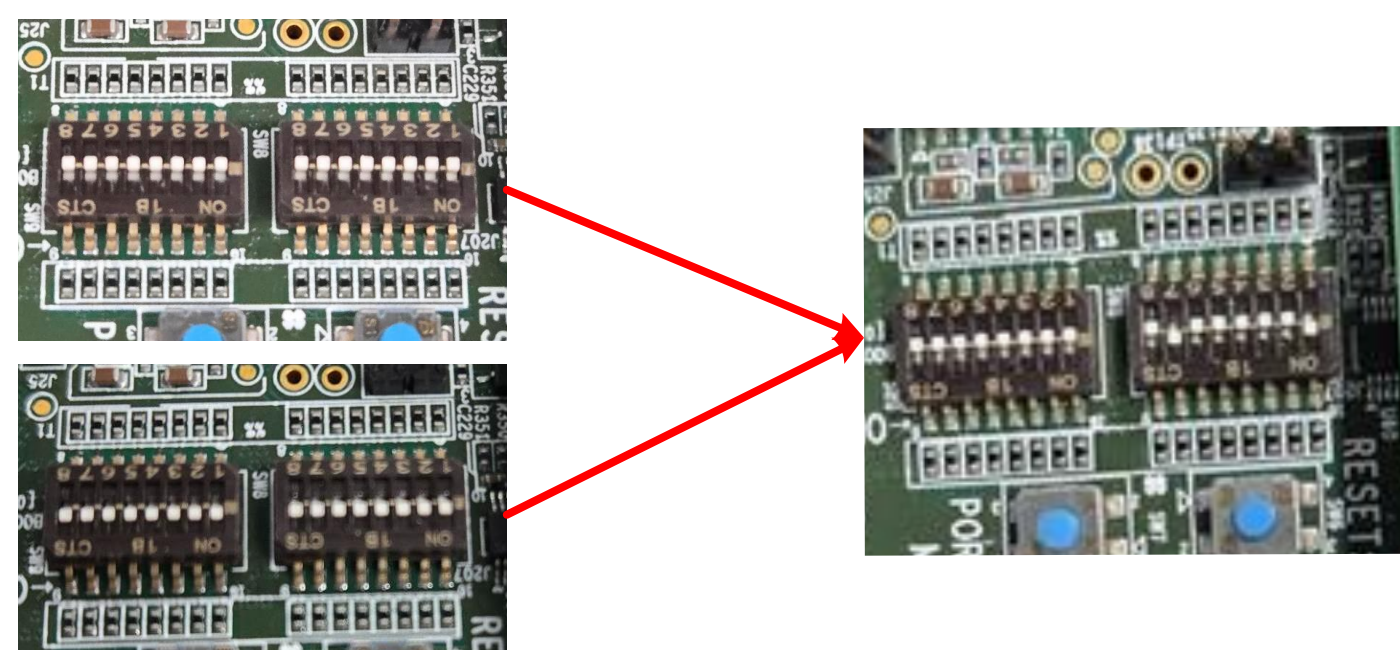
1. faulty EVM + origin SOC_EVM

1) dip switch reset

- When moving the switch, there is a slightly clear sound and ticktock feel as it clicks into position. I tested a few times.

2) SD card cage contact

- The pins in the SD card cage contact area do not appear to be bent, and they seem to be making proper contact. but, I pressed them and I tested a few times.



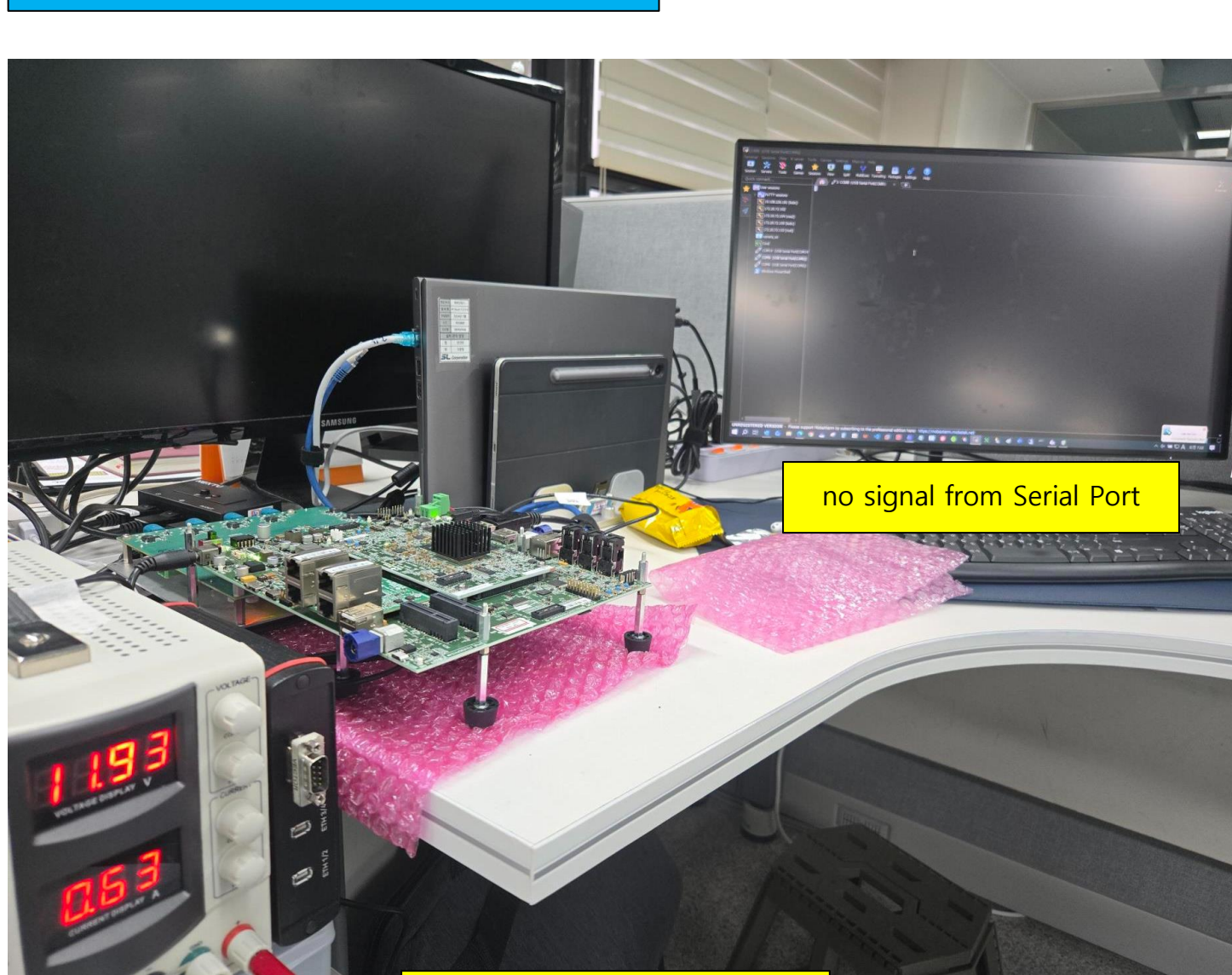
repositioning switch



repositioning switch

TEST result

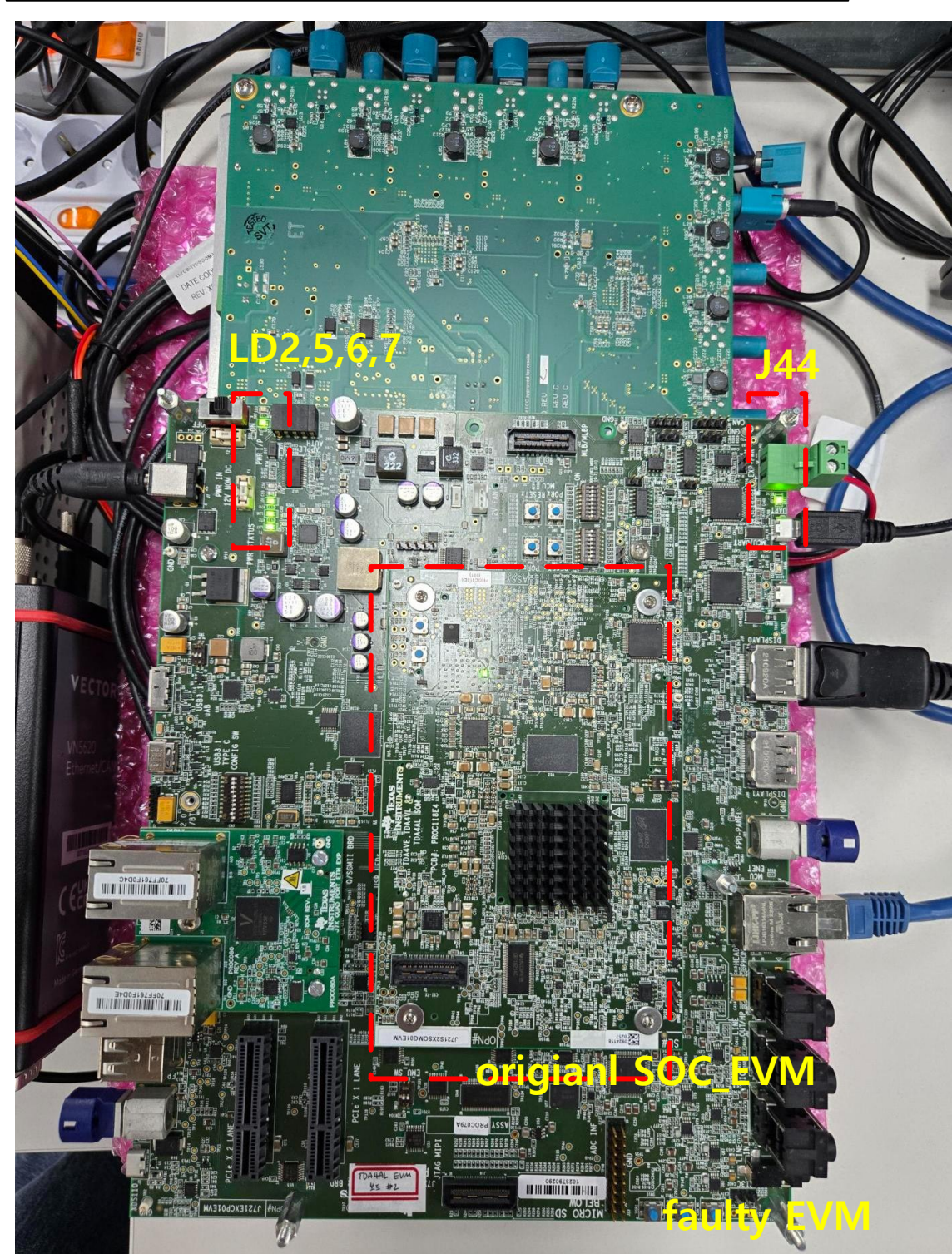
- faulty EVM + origin SOC_EVM



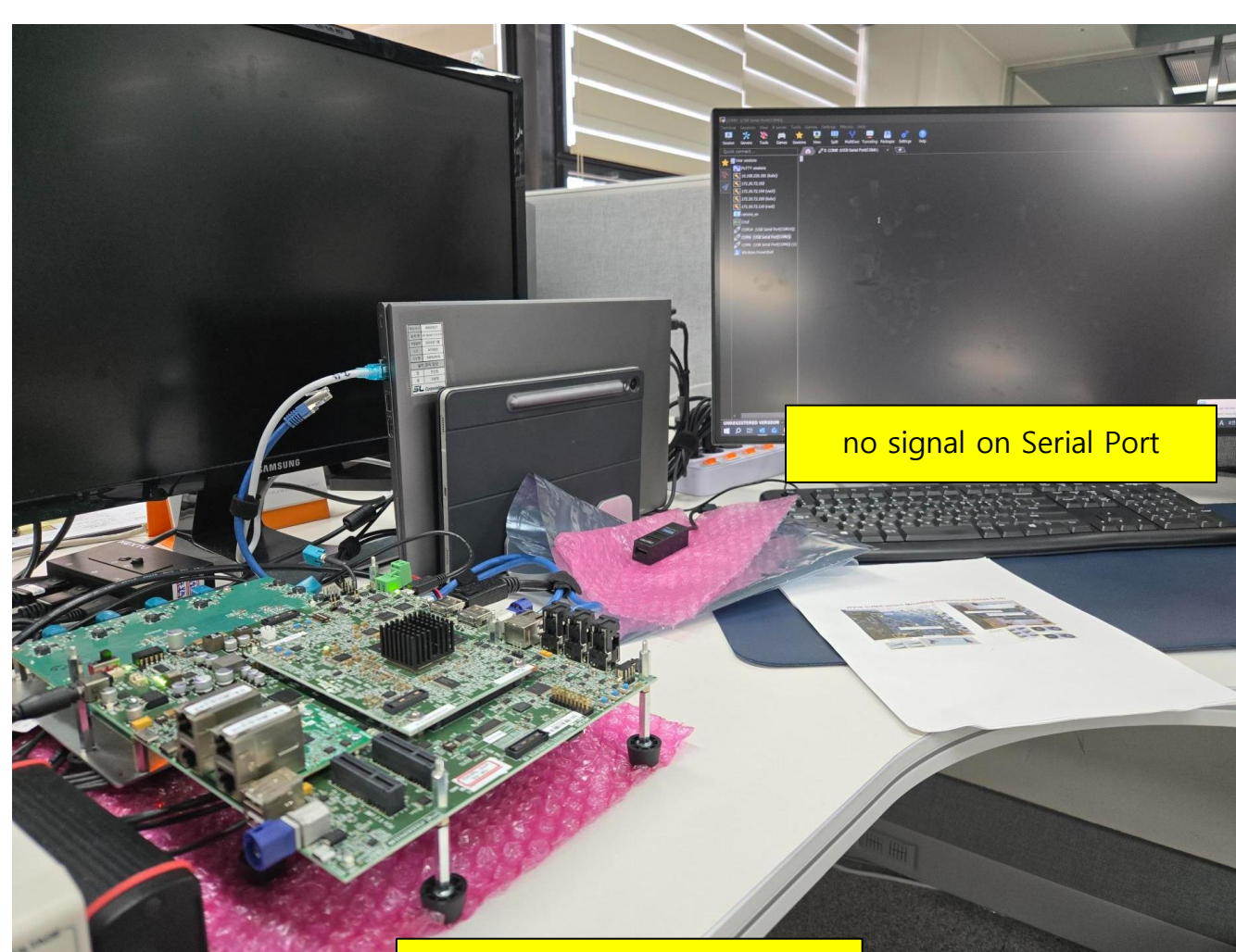
there are no log msg

4/8 faulty EVM swapped test

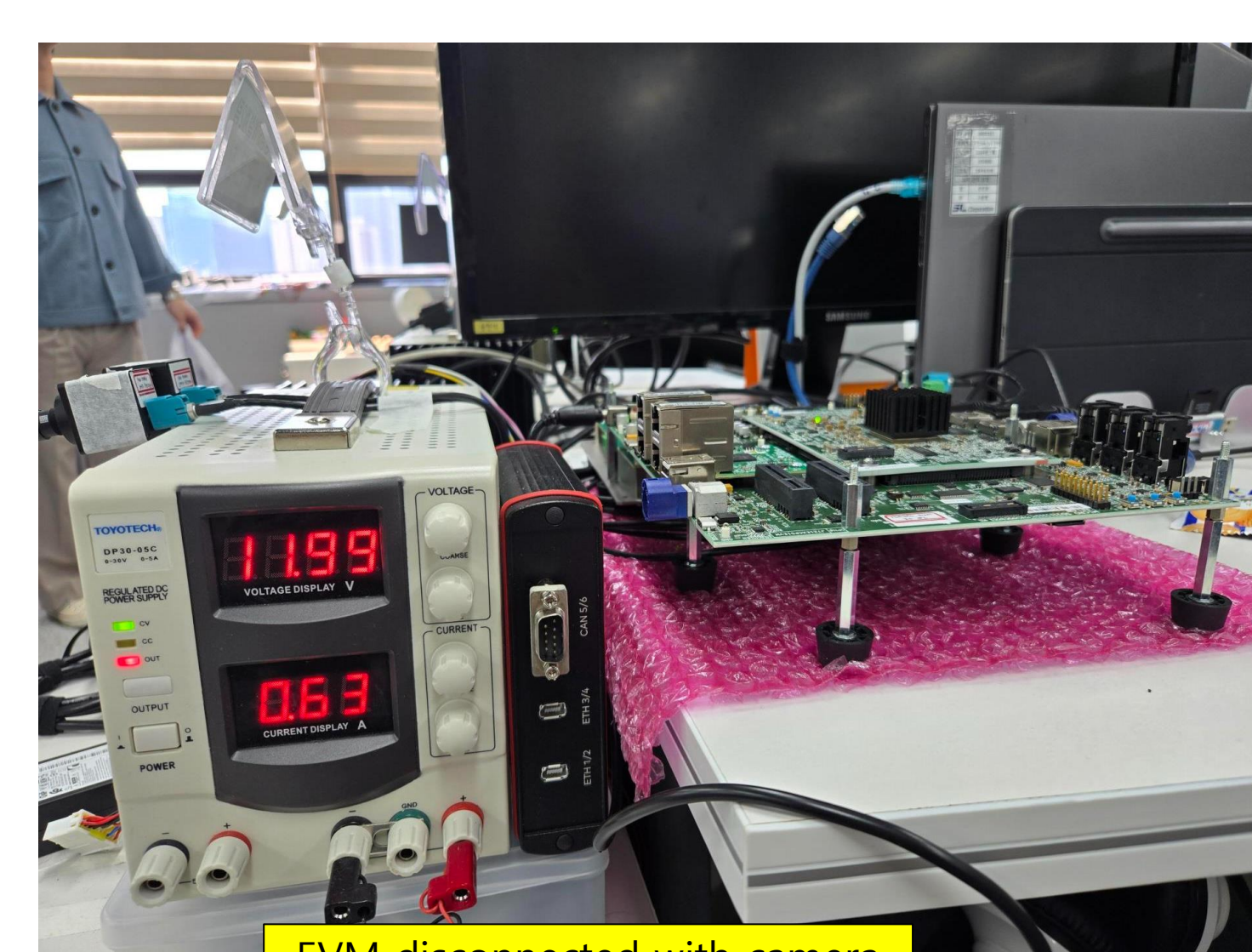
1. faulty EVM + origin SOC_EVM : Switch ON



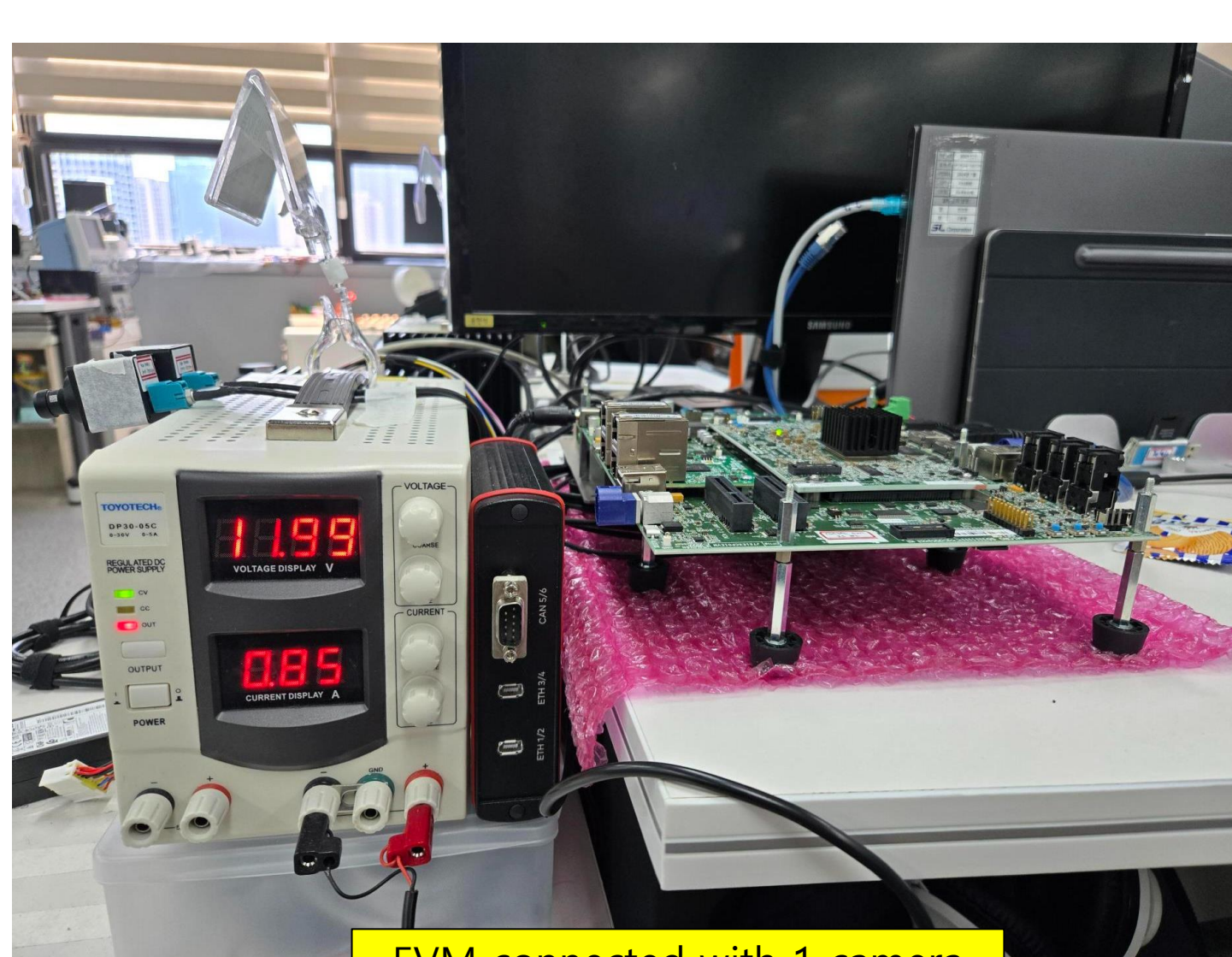
EVM status



there are no log msg

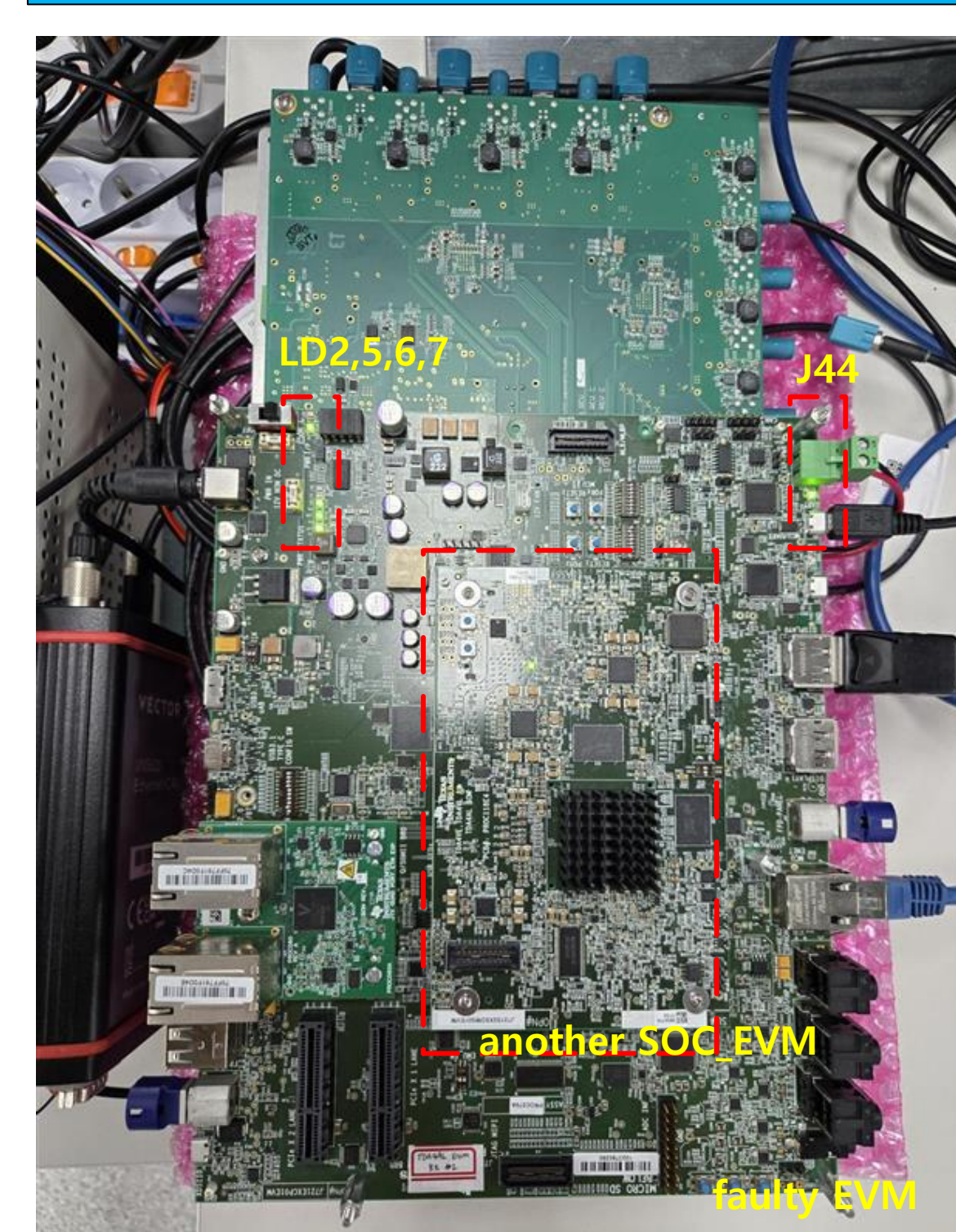


EVM disconnected with camera

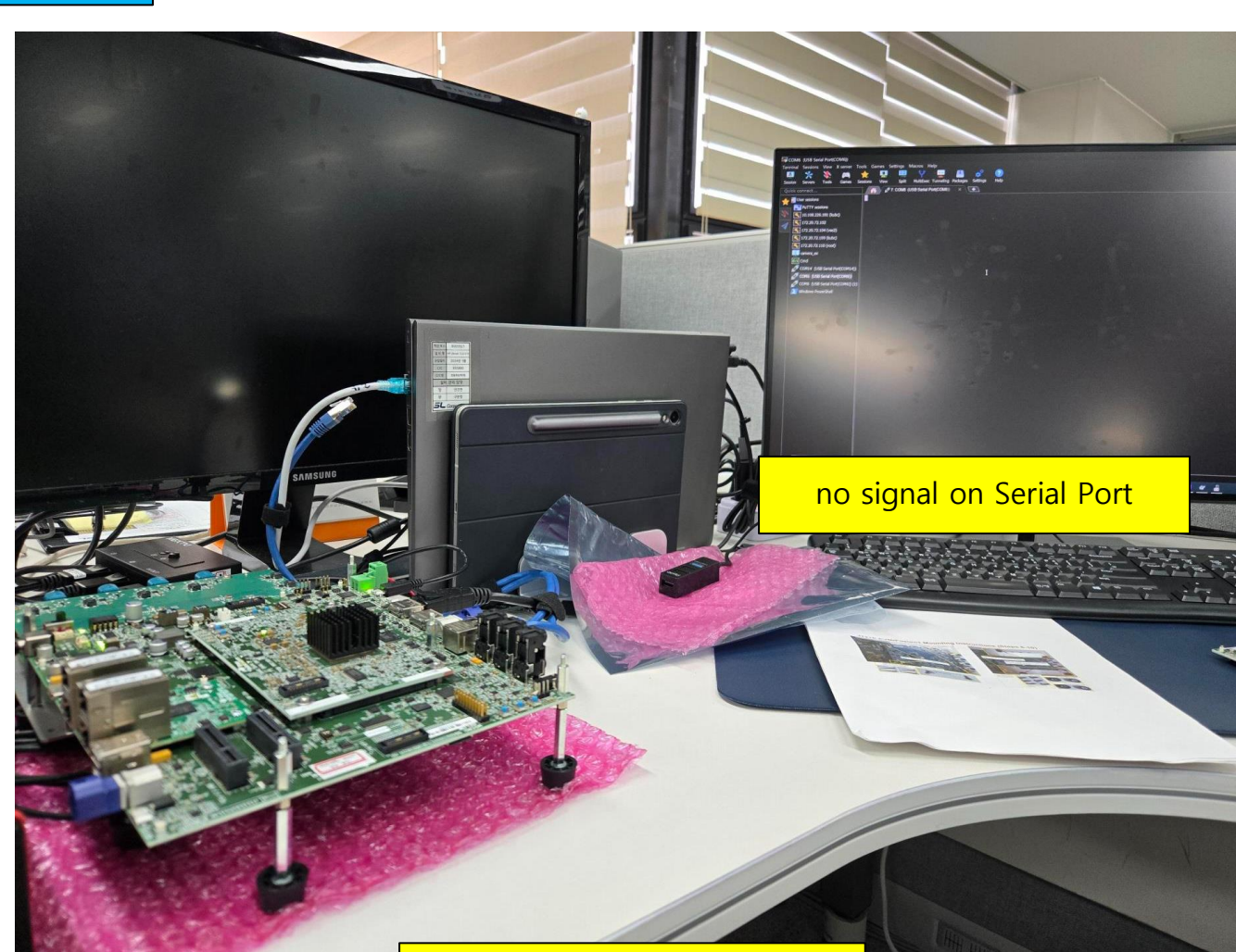


EVM connected with 1 camera

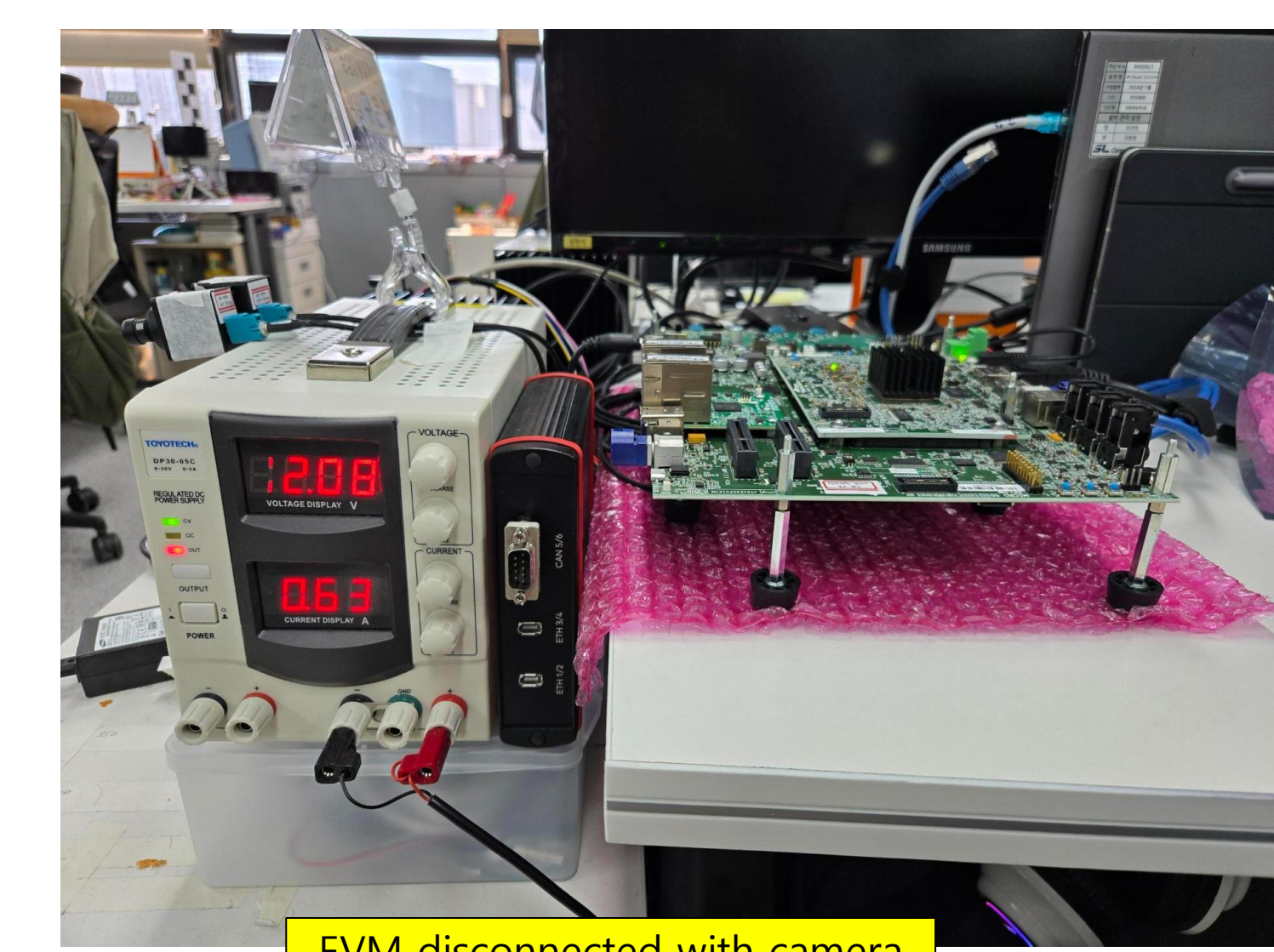
2. faulty EVM(EVM1) + another working SOC_EVM : Switch ON



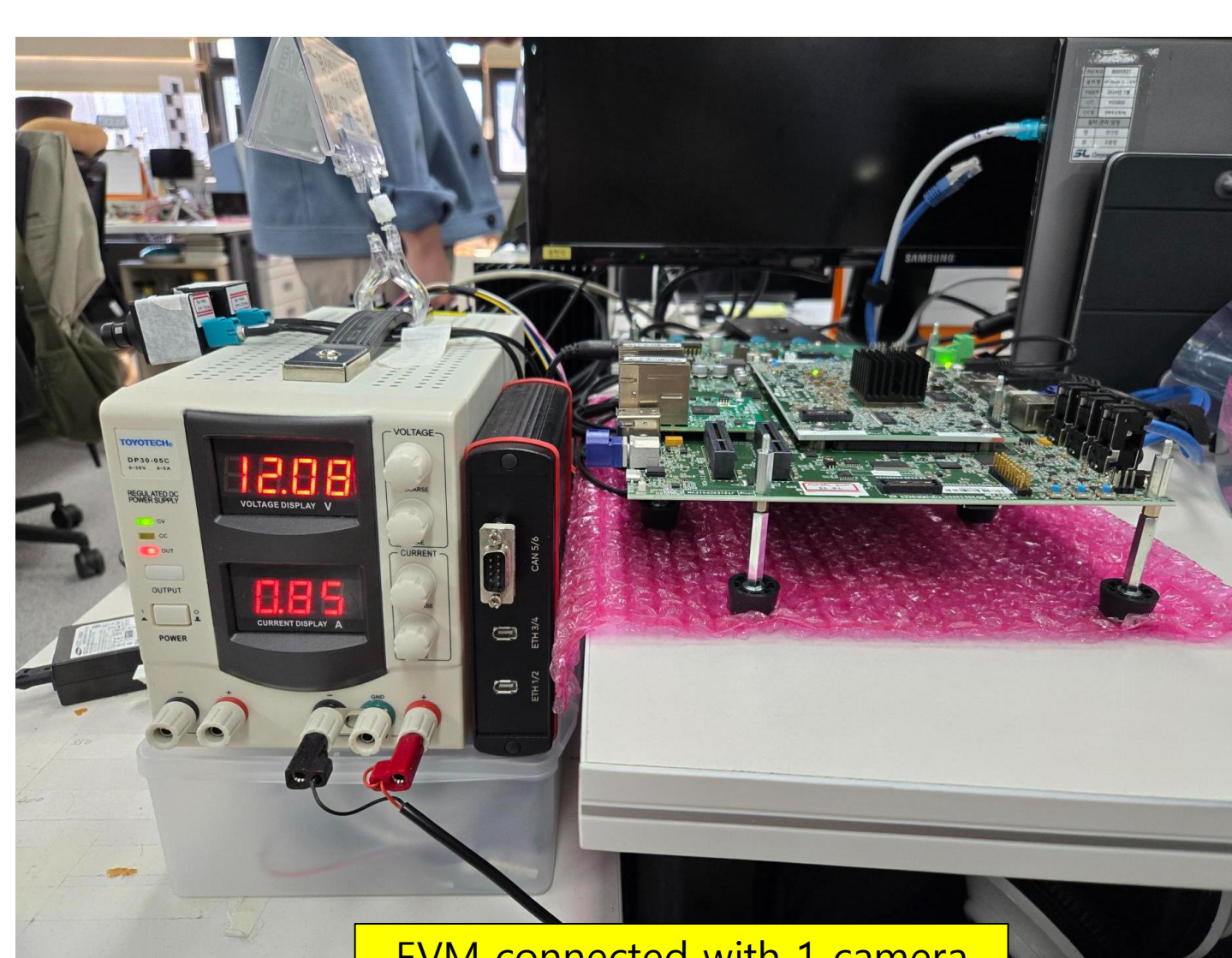
EVM status



there are no log msg

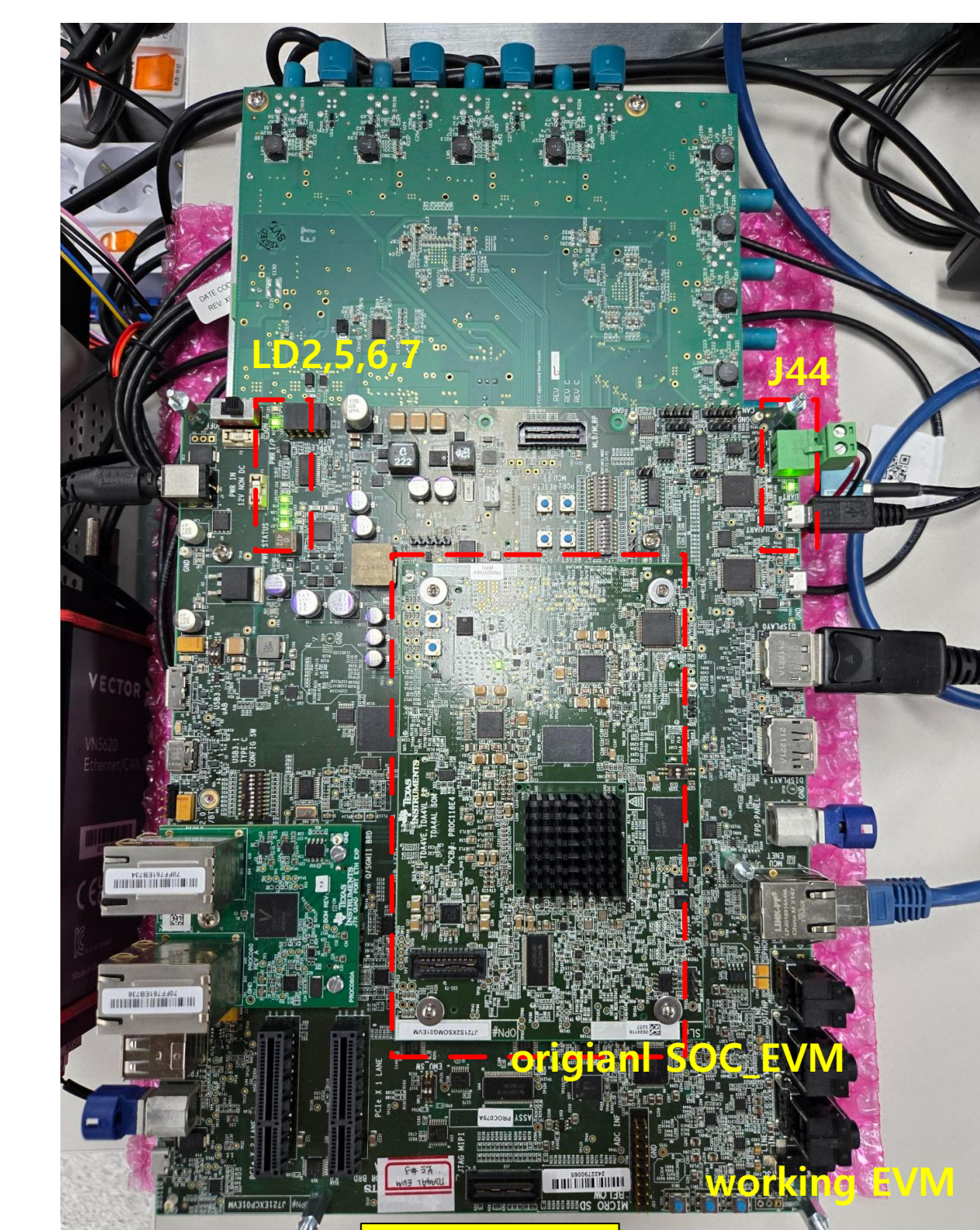


EVM disconnected with camera

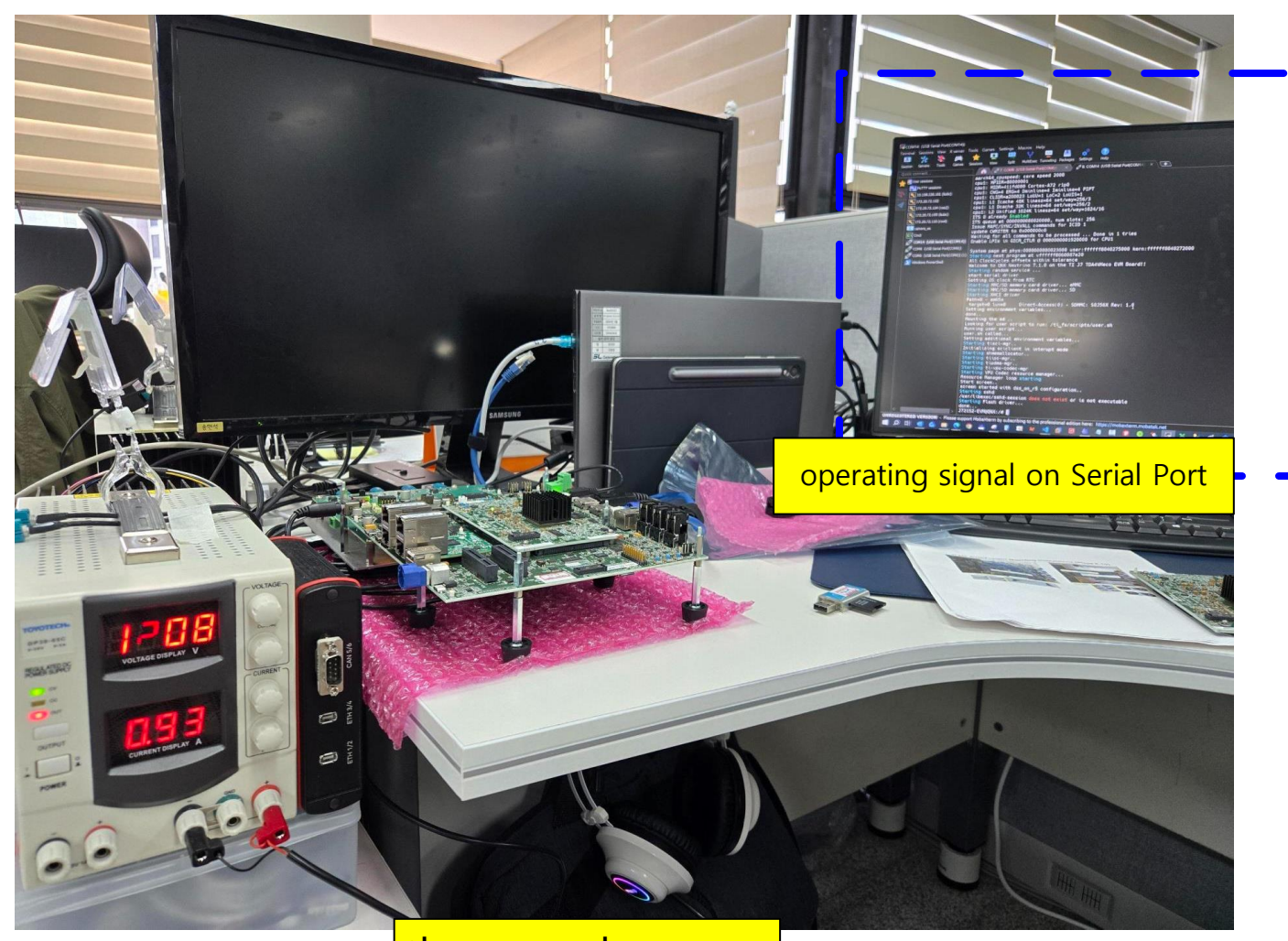


EVM connected with 1 camera

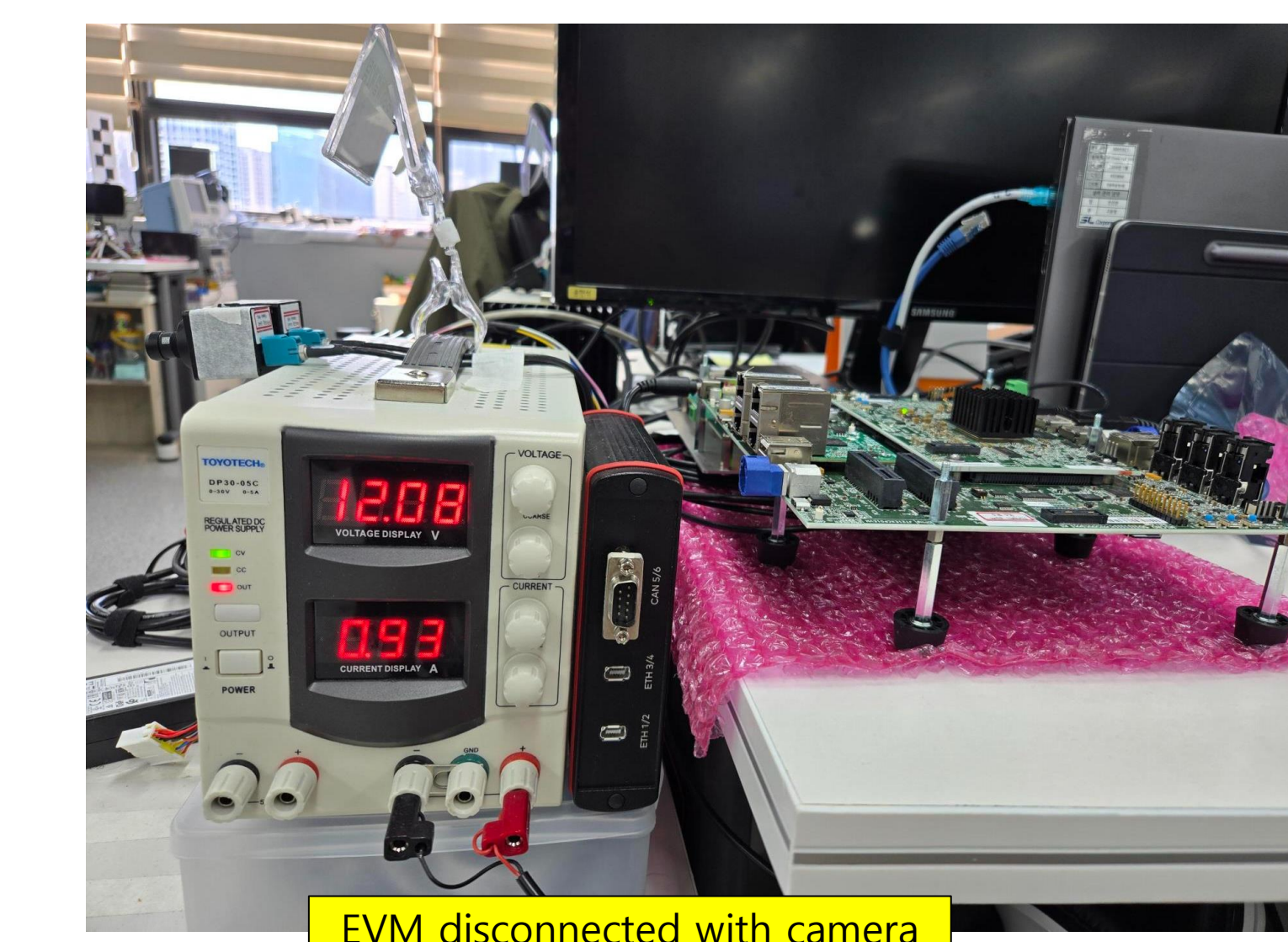
3. Working EVM + original SOC(used faulty EVM) : Switch ON



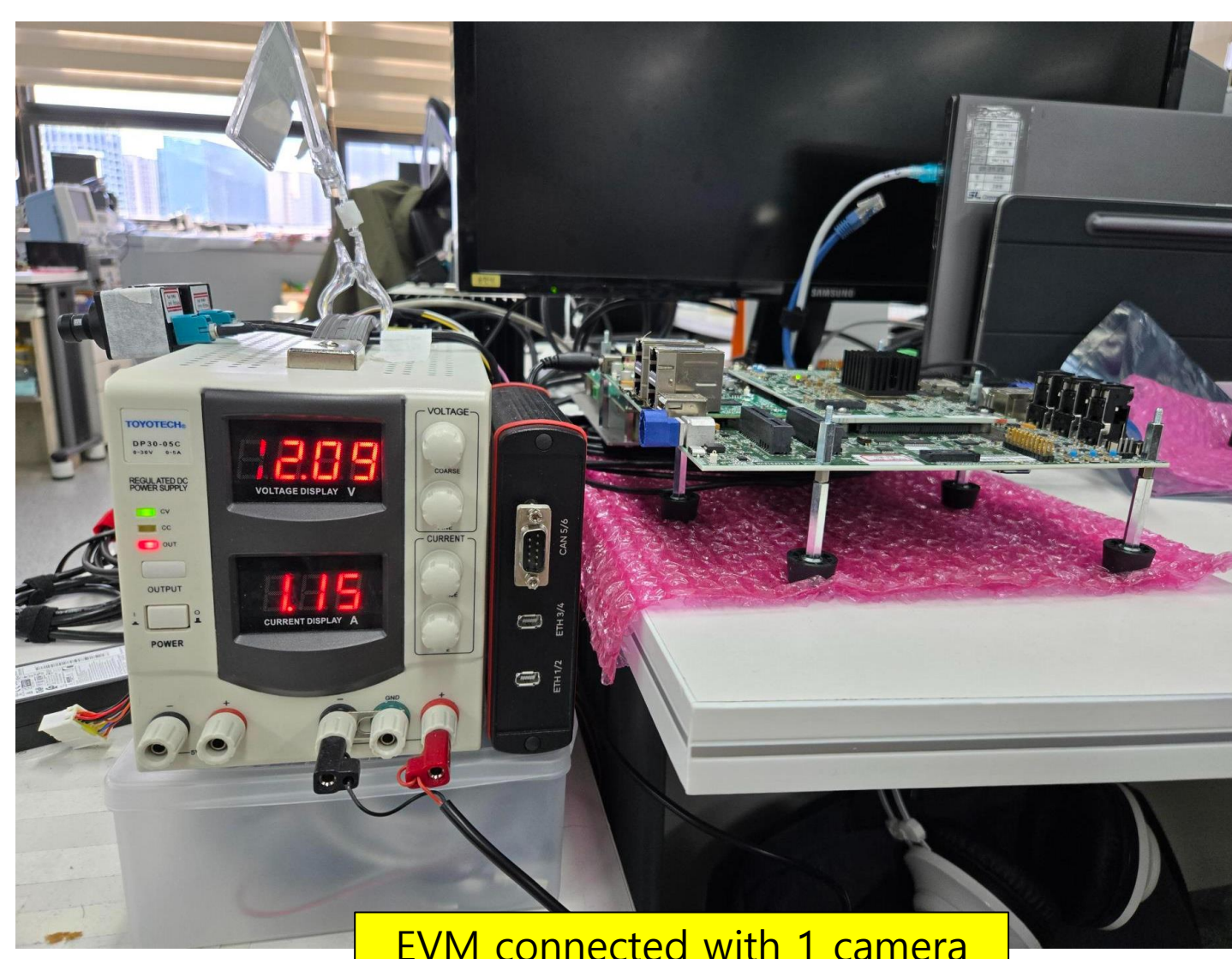
EVM status



there are log msg



EVM disconnected with camera



EVM connected with 1 camera

4. Answer to the questions

1. We confirmed that it still does not work even after performing the cross-test.
2. Since we have checked and tested it several times, there are no an assembly issue. J721EXCP01EVM still is not working
3. The LEDs are on. LD2, LD5, LD6, and LD7 all illuminate the same way as on the normally working unit.
4. We connected to J44 MAIN-UART, and LD11 is also illuminated. In addition, the port is detected on the PC. However, no boot log is shown.
5. We confirmed that the DIP switch settings are the same as those on the properly working J721EXCP01EVM.