接線圖:

HC05

RXD->PD8

TXD->PB11

VCC50->5V

VCC33->3V

GND->GND

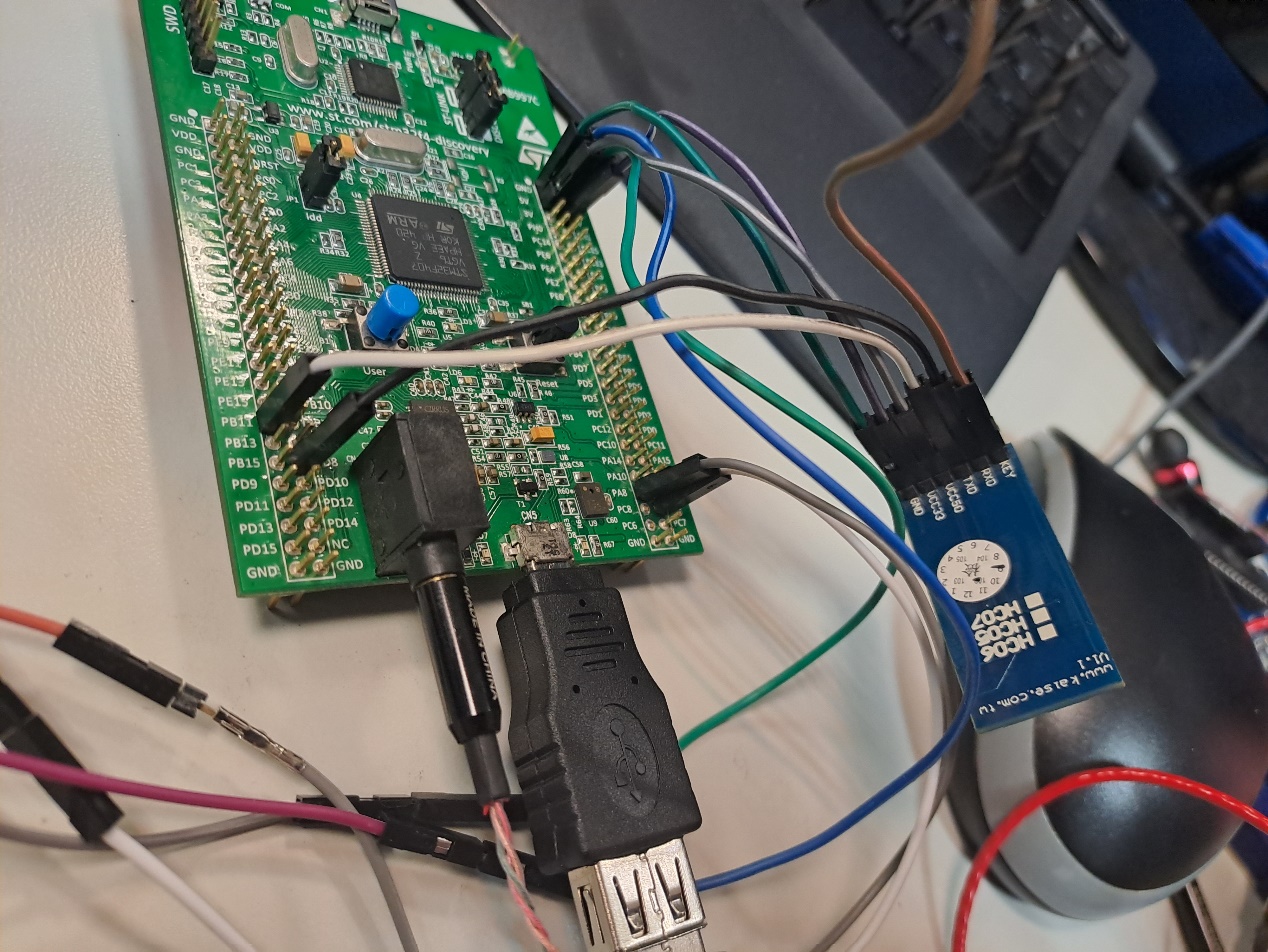
LCD16x2

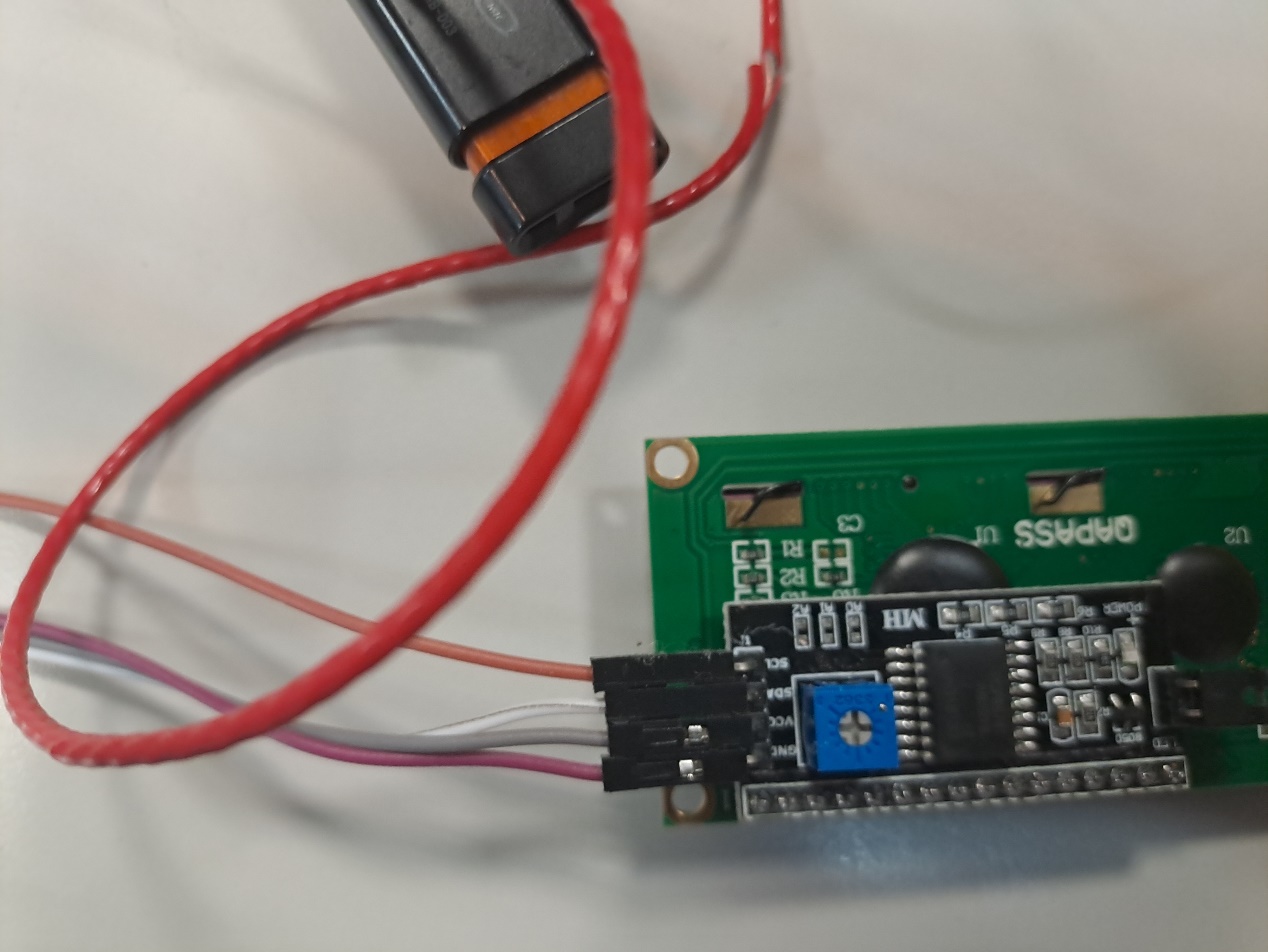
SCL->PA8

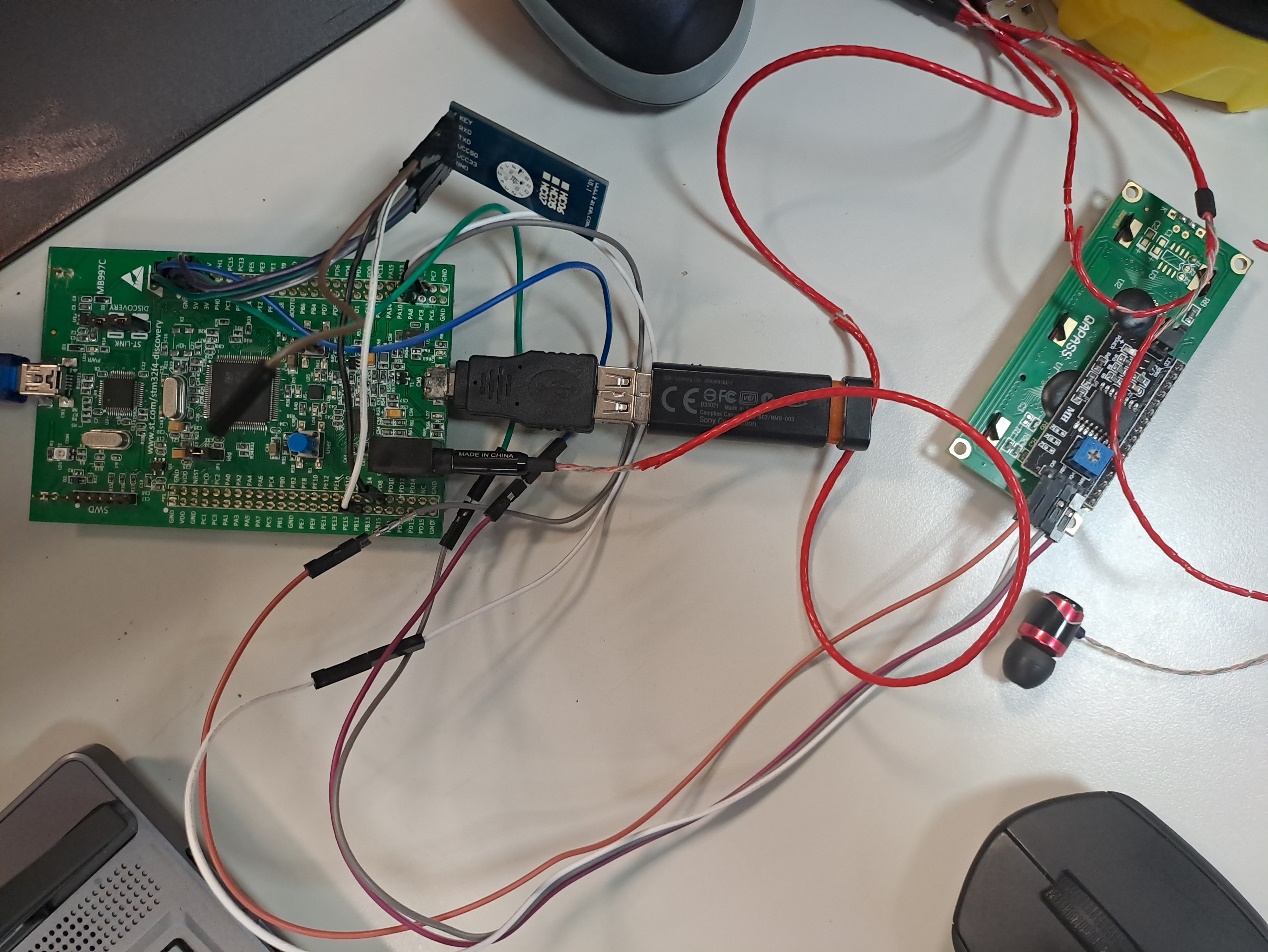
SDA->PC9

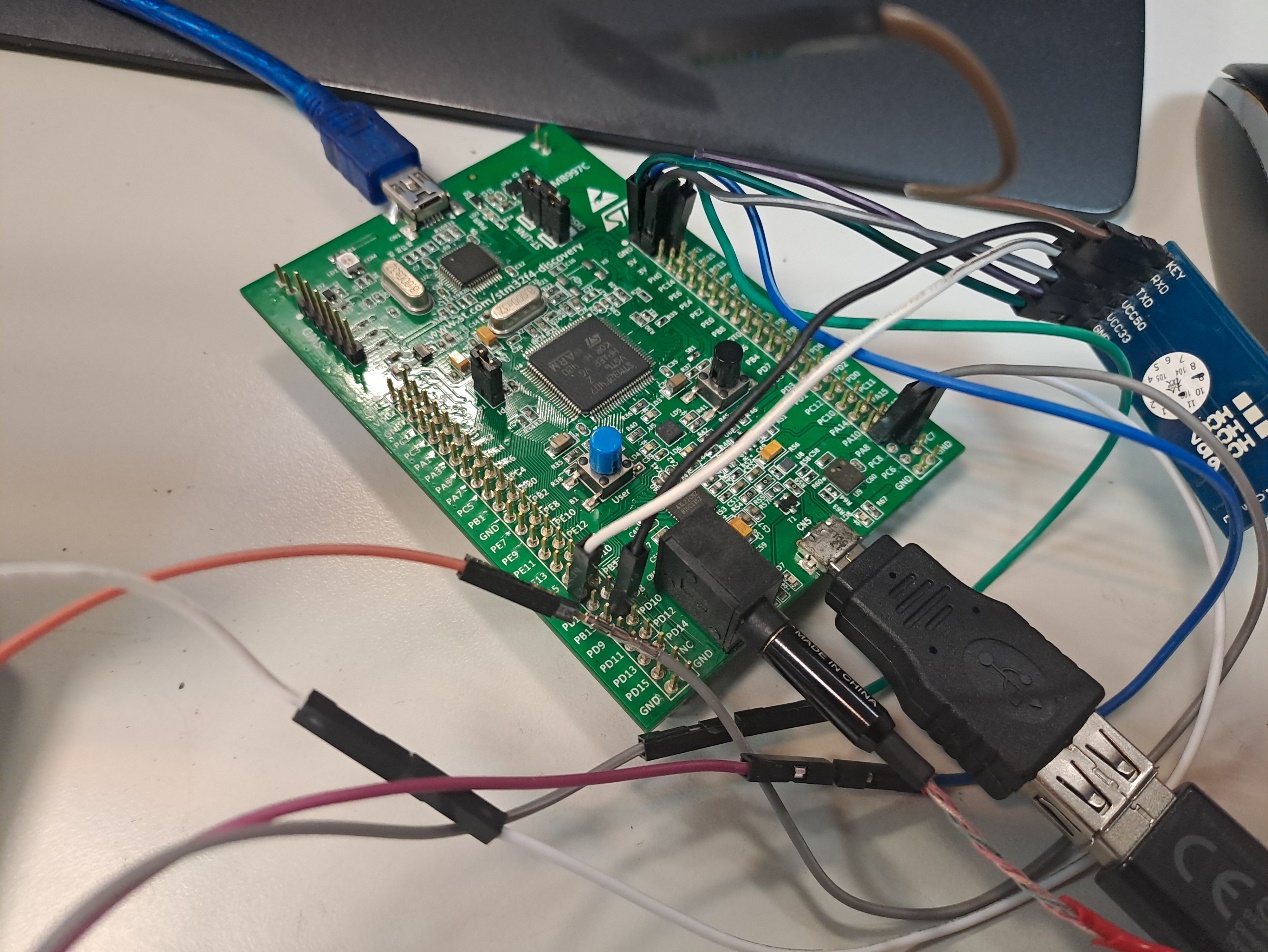
VCC->5V

GND->GND



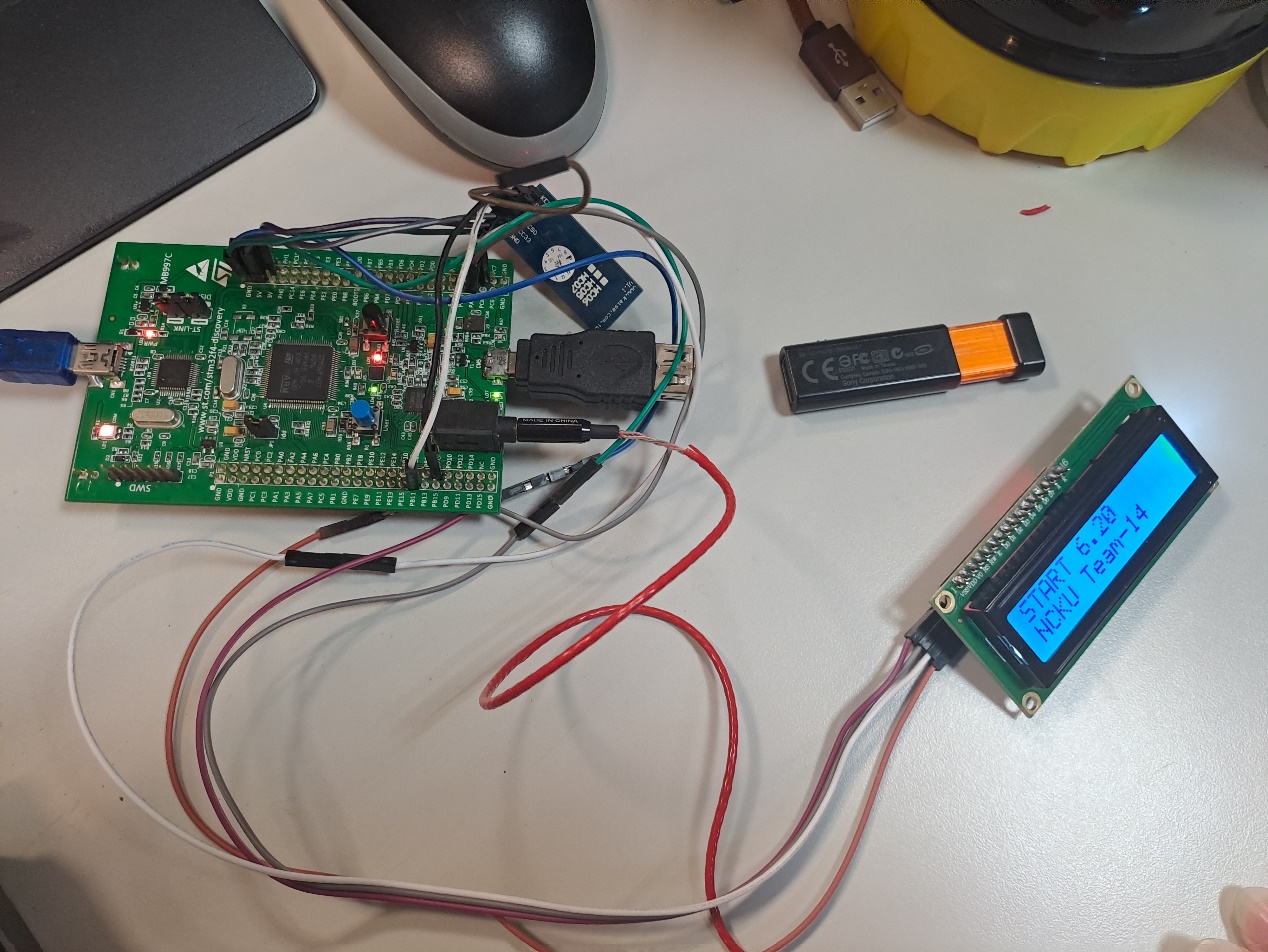




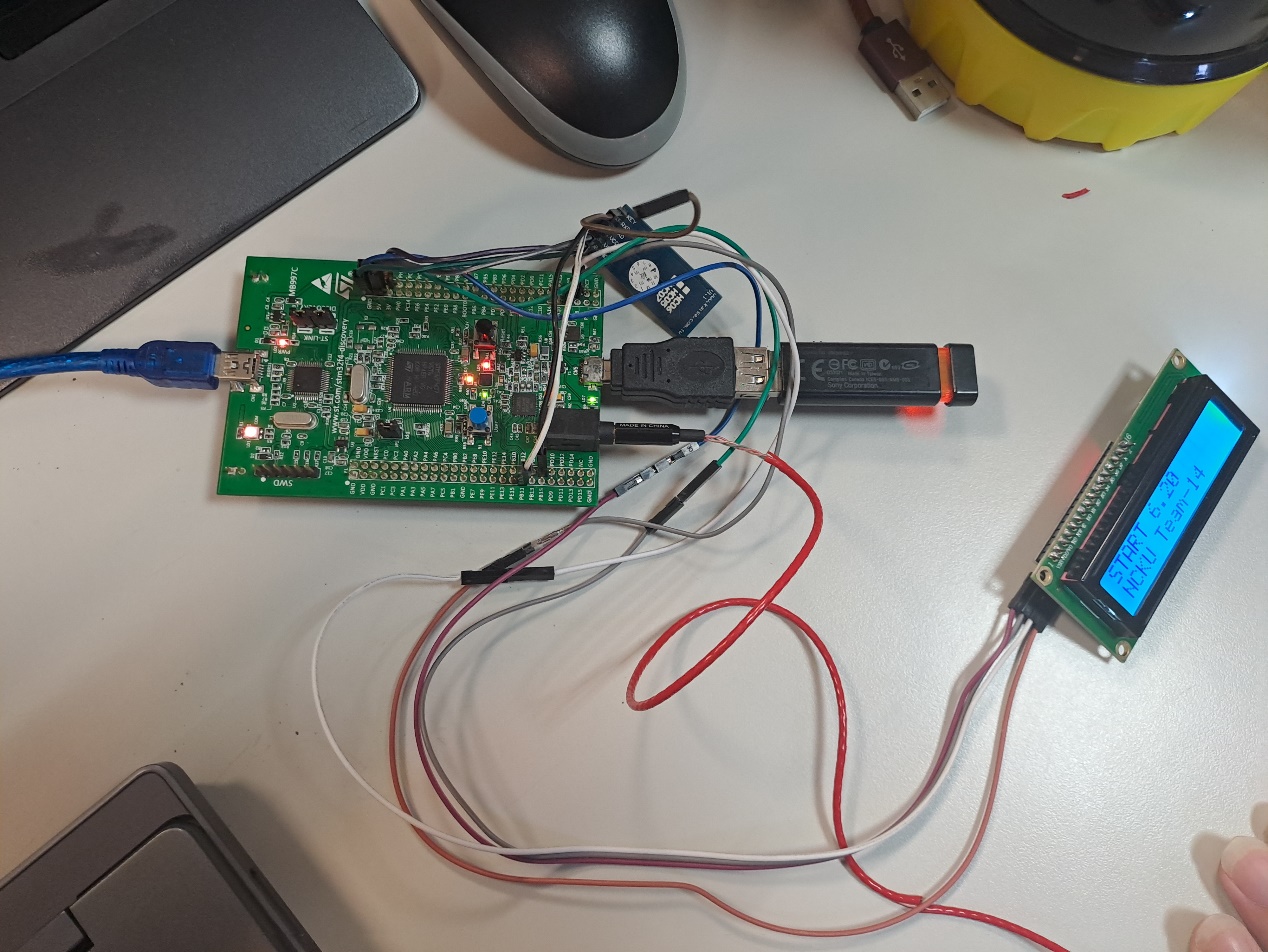


DEMO

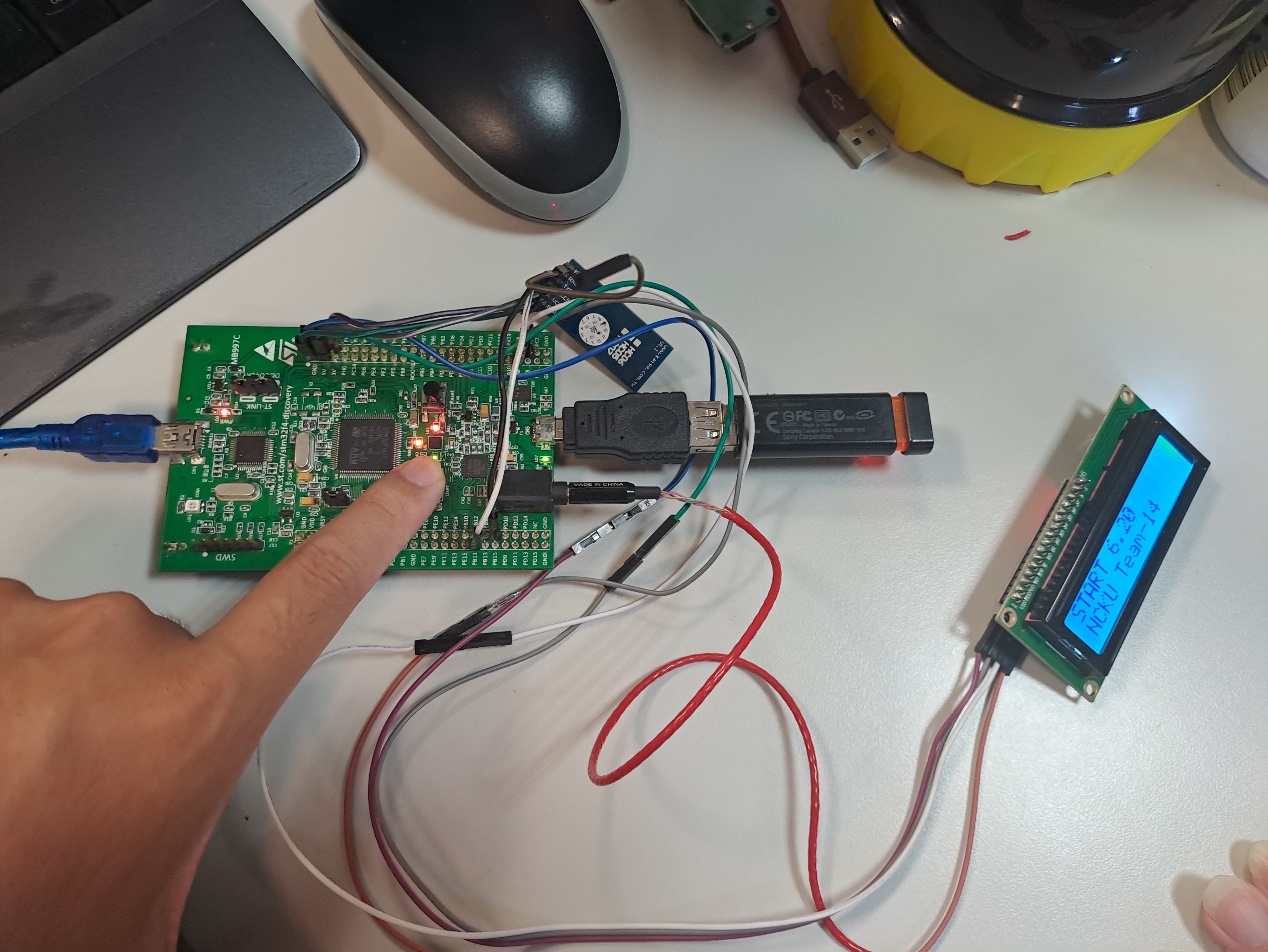
S1. Not connect with USB, notice Orange\_LCD:



S2. Connect with USB, notice Orange\_LCD:



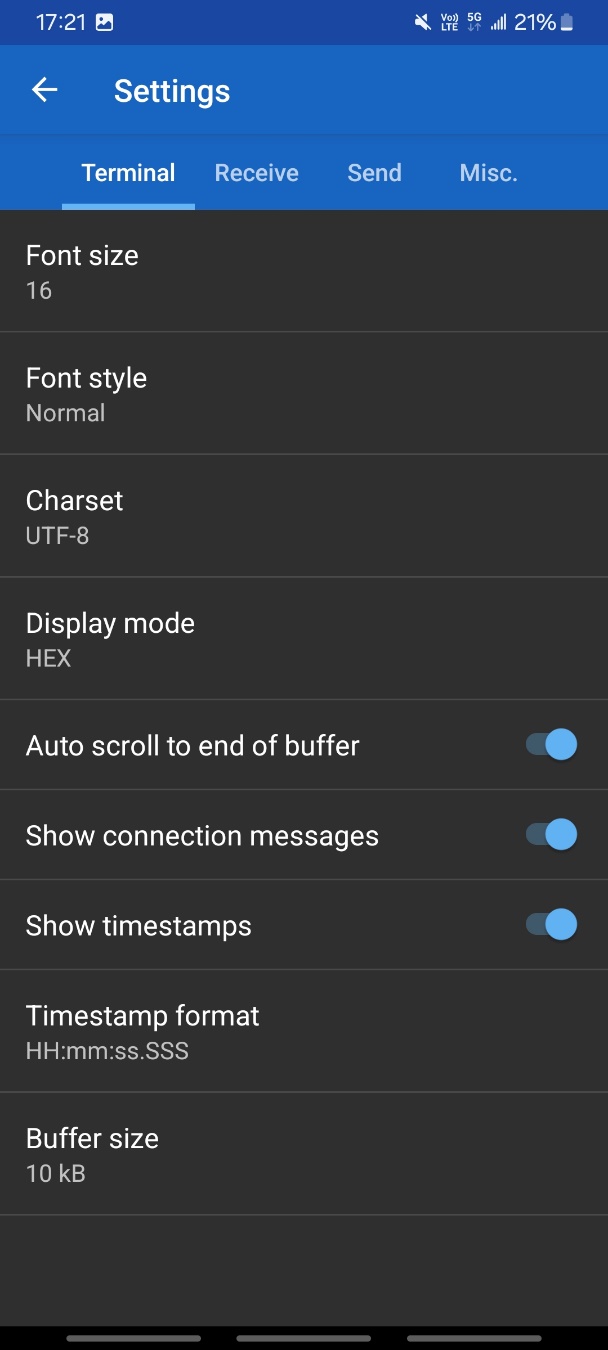
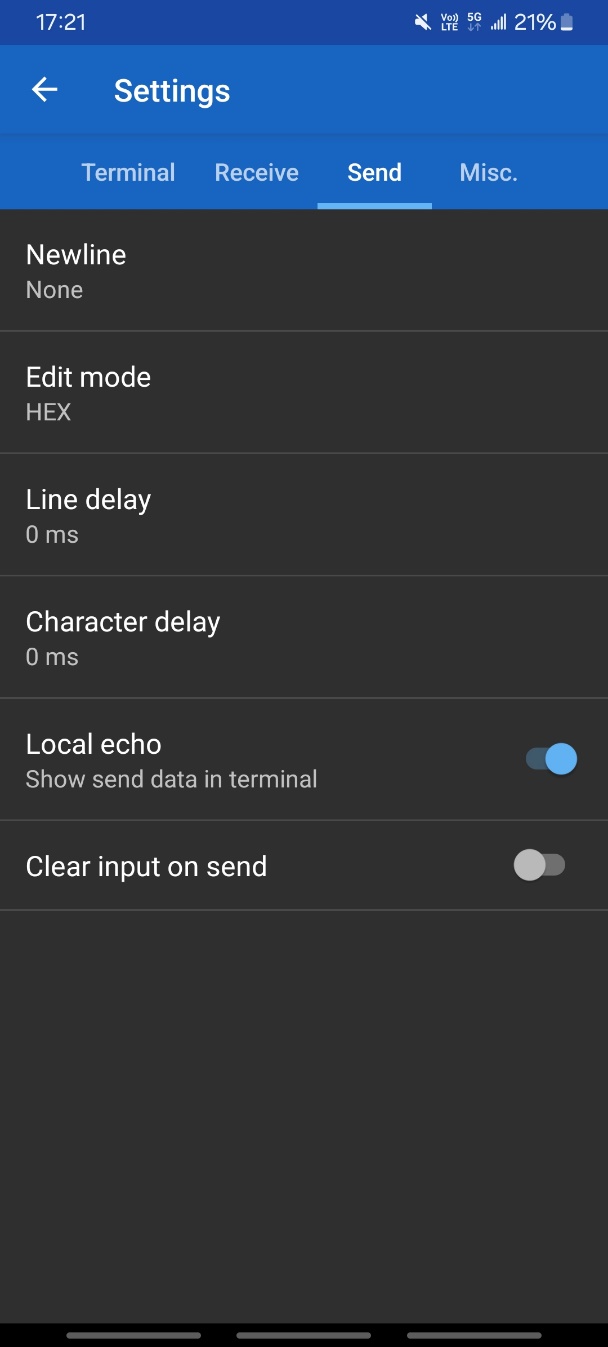
S3. Push Blue\_button to next song:



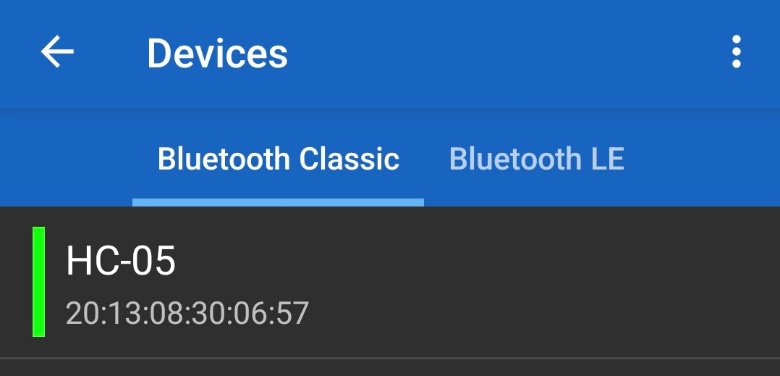
S4. Download Bluetooth app on your smartphone:



S5. Set app:

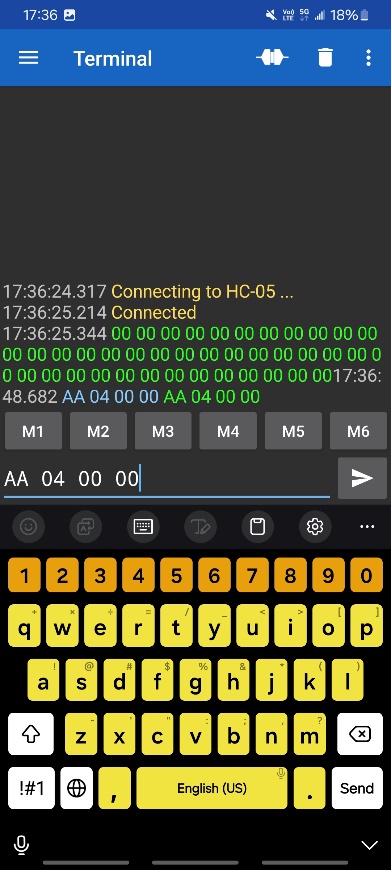
 

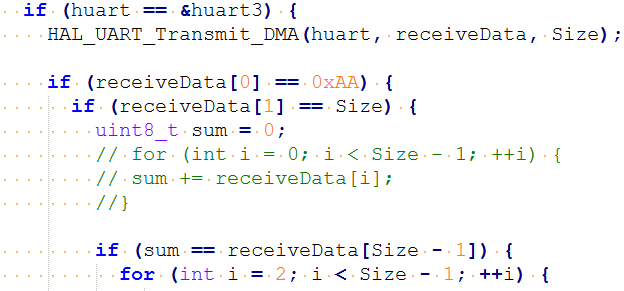
S6. Connect HC05 (default secret number: 000 or 1234, my device is 1234):





S7. Send command (AA->HC05 require, 04->command length, 00->next song, 00->for encryption {ex: sum}):

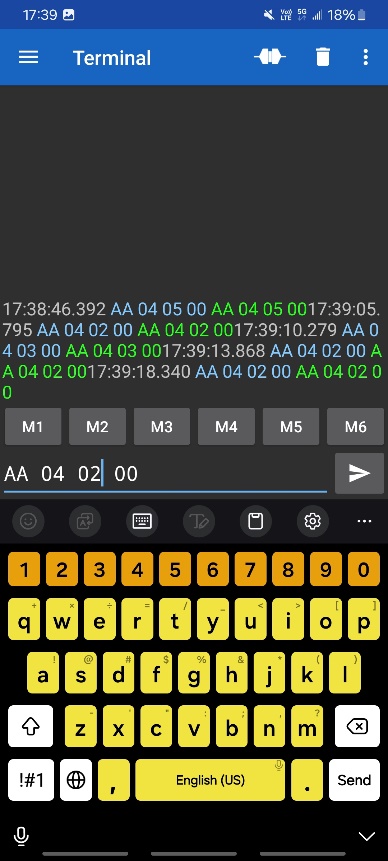


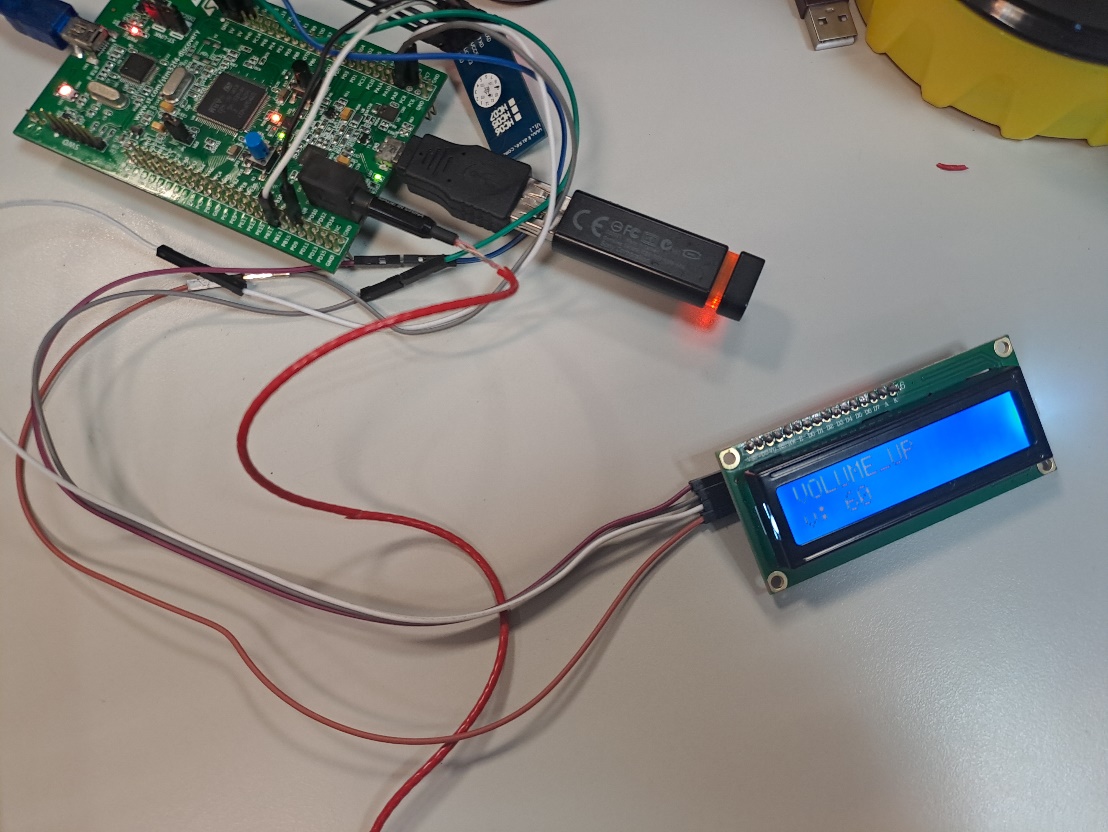


S8. Send command (01->previous song):

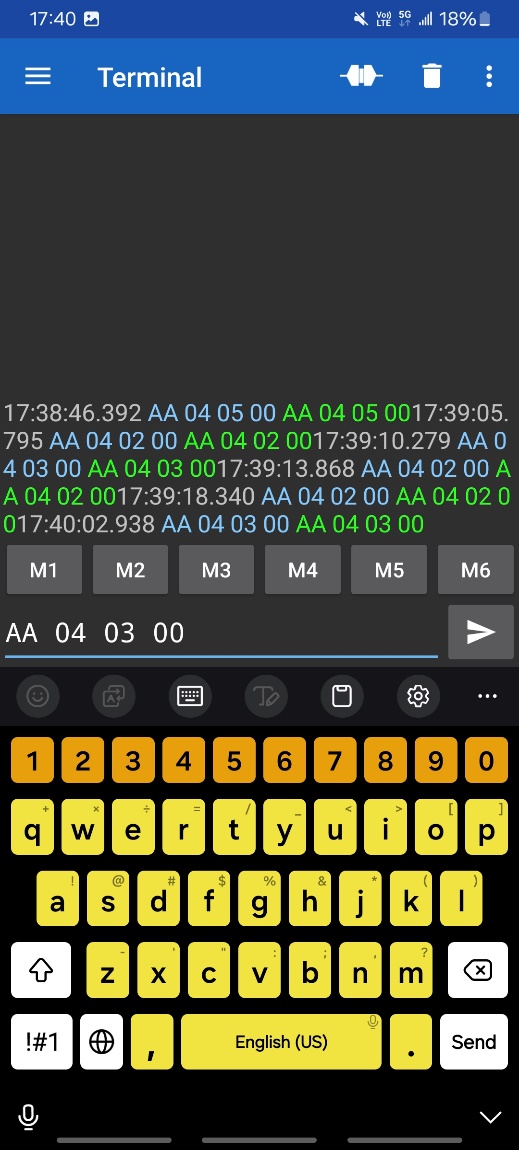


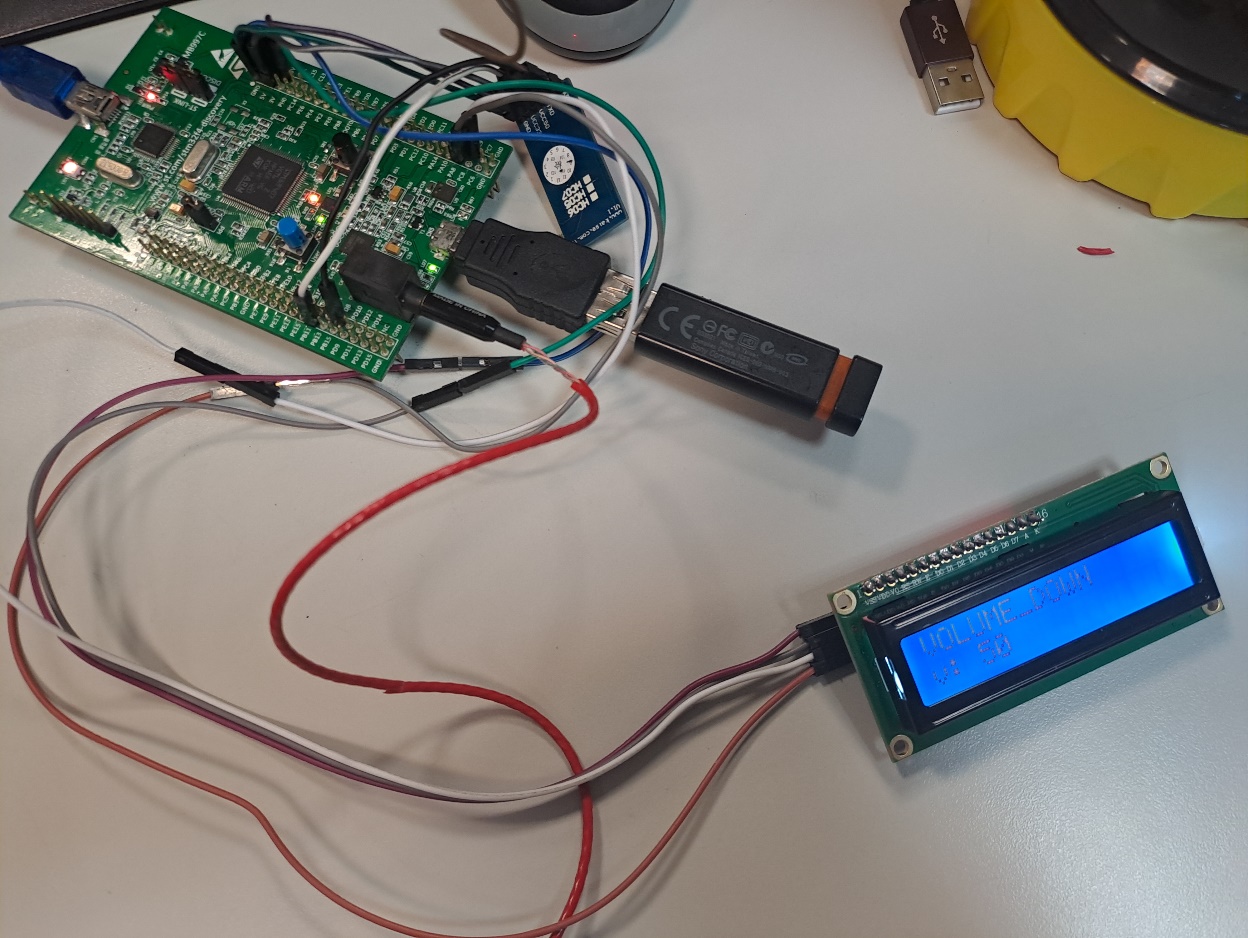
S9. Send command (02->volumn up):



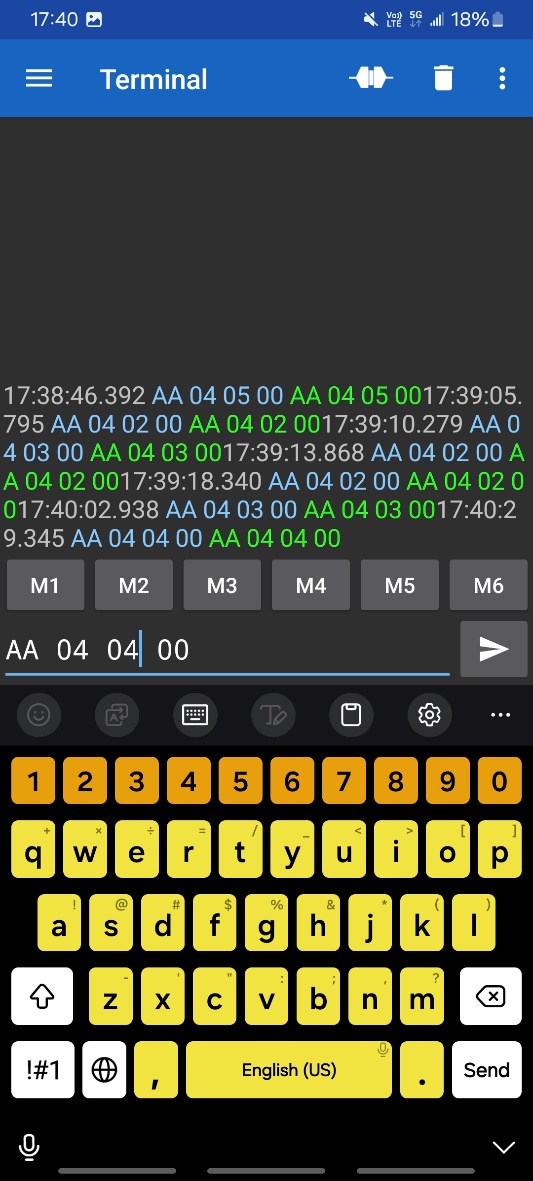


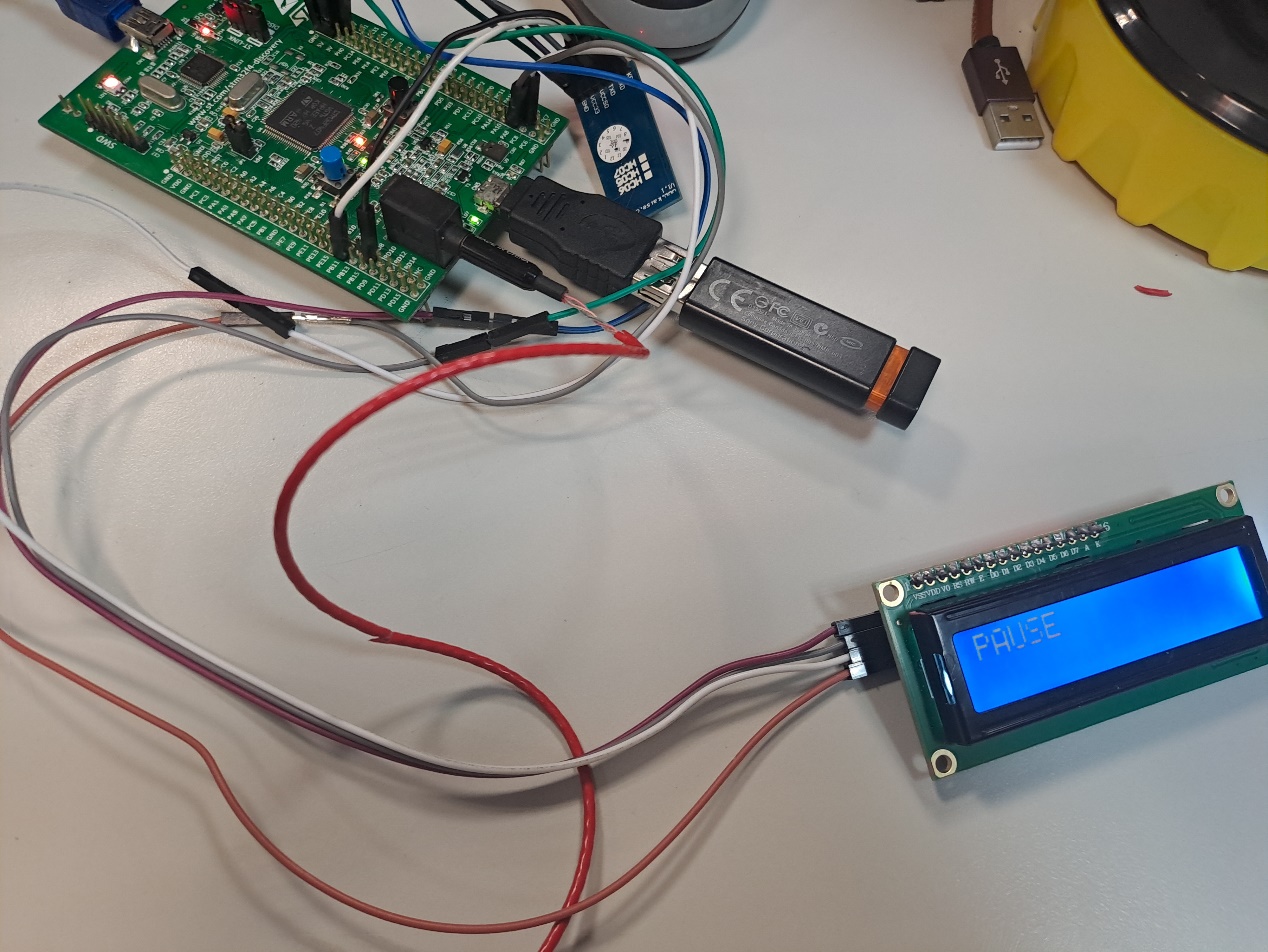
S10. Send command (03->volumn down):



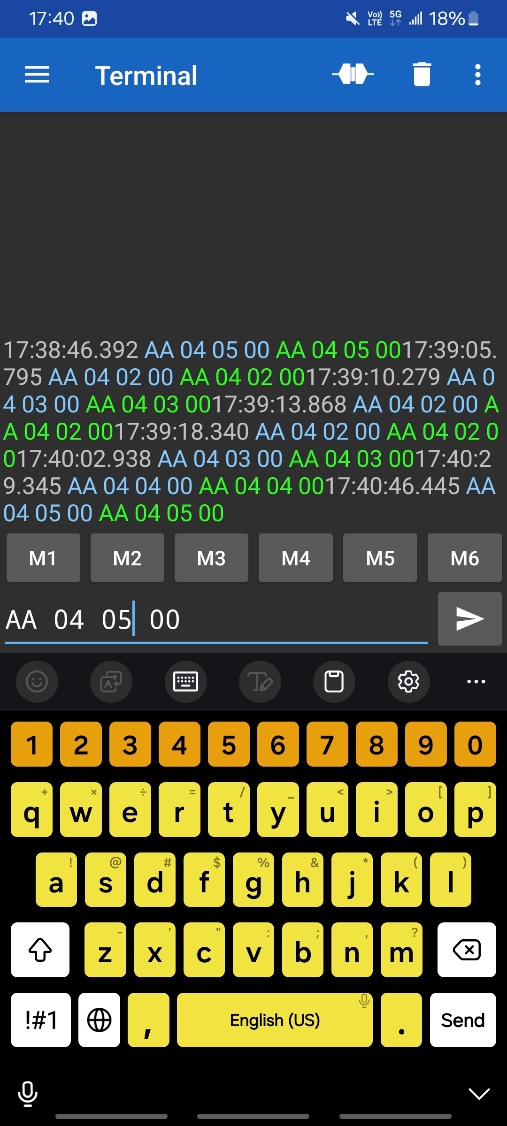


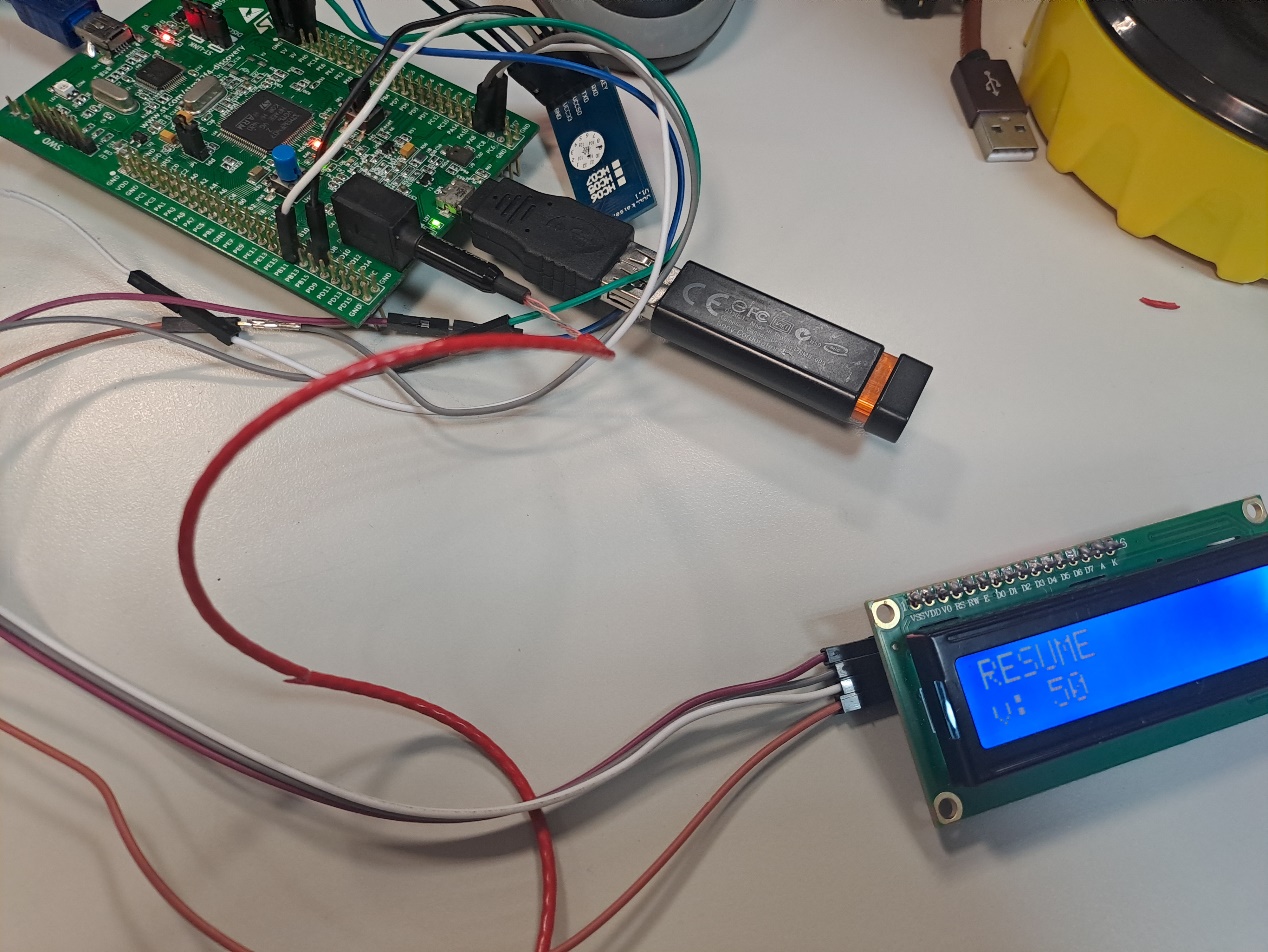
S11. Send command (04->pause):





S12. Send command (05->resume):





S13. Send command (error detect 0A is wrong):

