

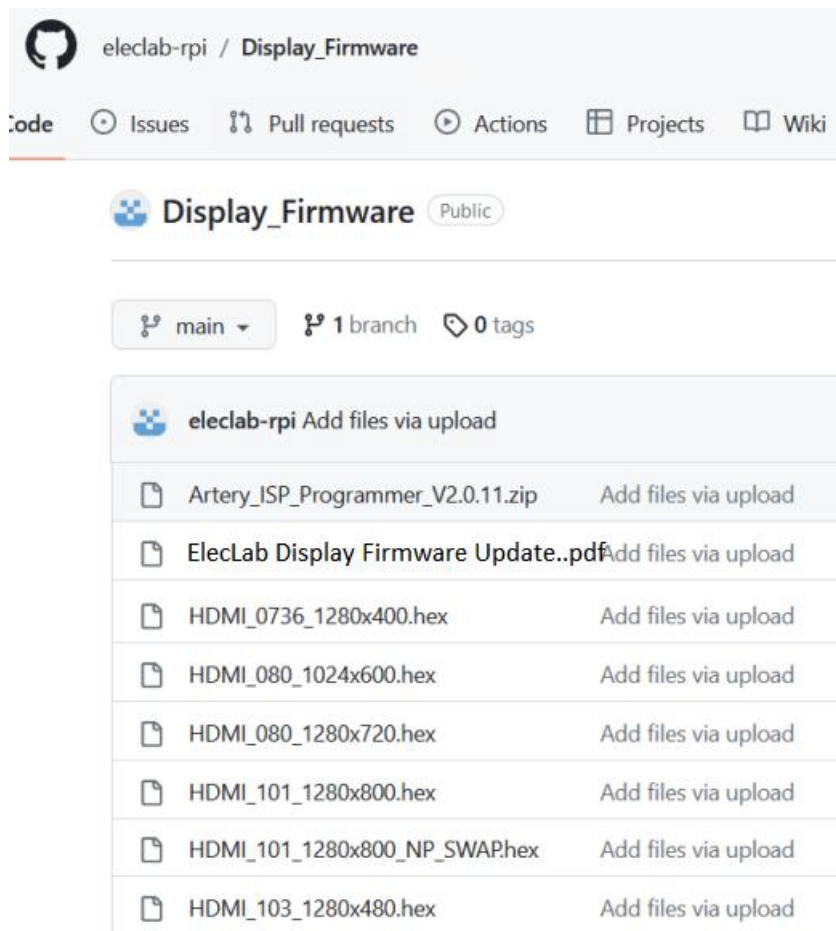
ElecLab Display Firmware Update Guide

Items to prepare:

- Windows PC
- Tweezers
- ElecLab HDMI display
- USB Type-c cable and HDMI cable

1. Download the upgrade tools and firmware from github

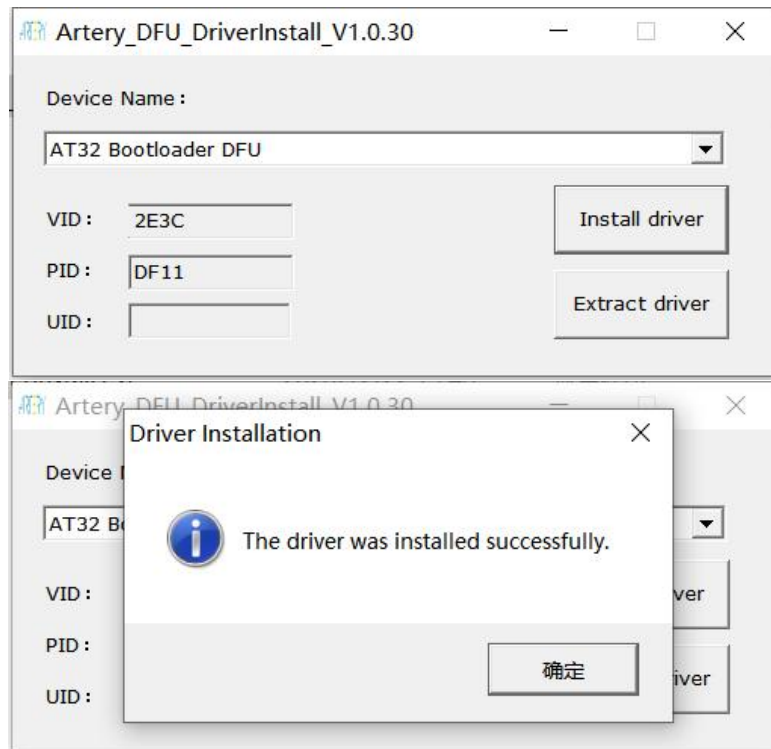
https://github.com/eleclab-rpi/Display_Firmware



2. Unzip Artery_ISP_Programmer_V2.0.11.zip

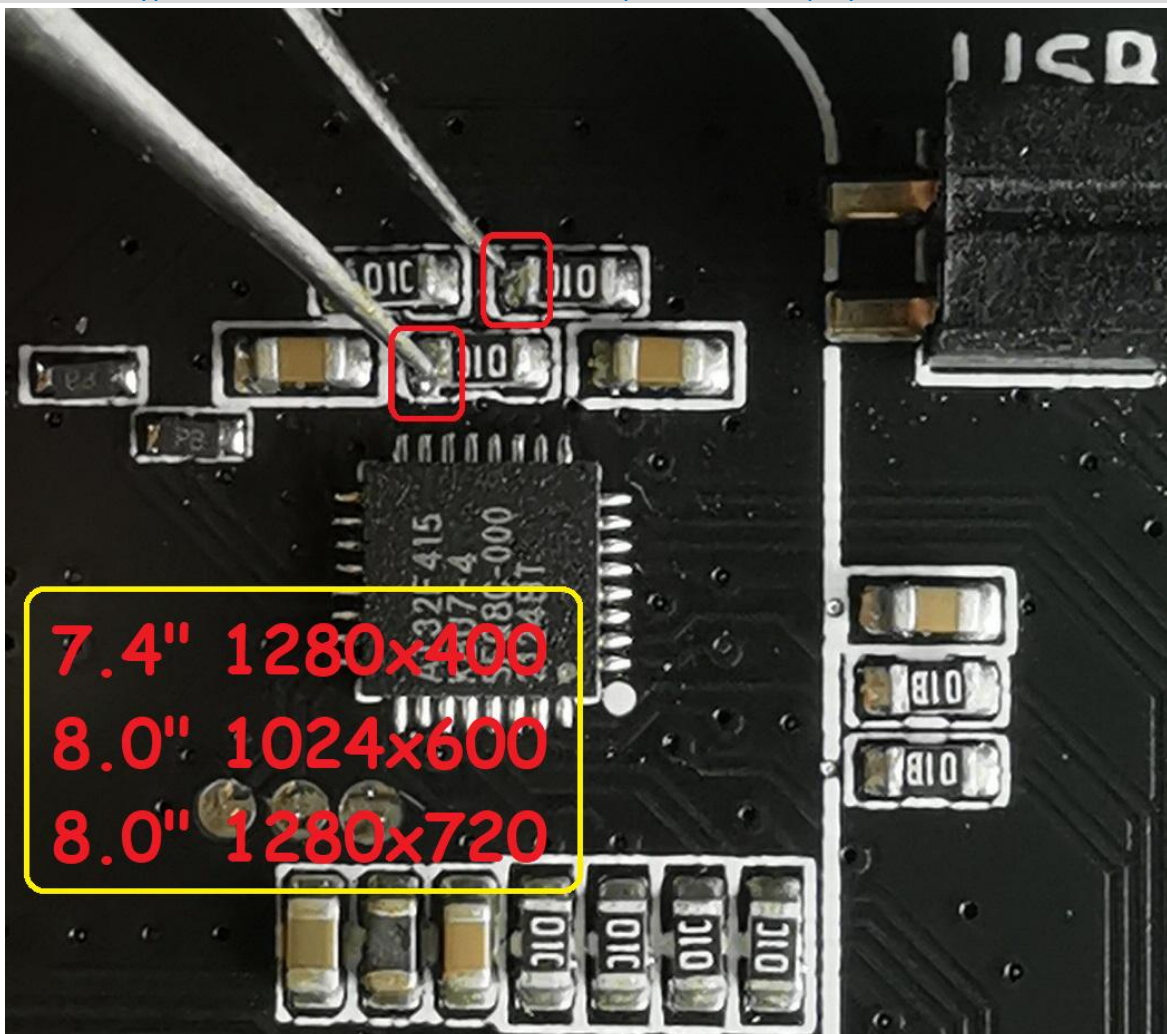
- Artery ISP Programmer_V2.0.11
- Artery_DFU_DriverInstall
- Document
- RH_ISP_Programmer.pdf

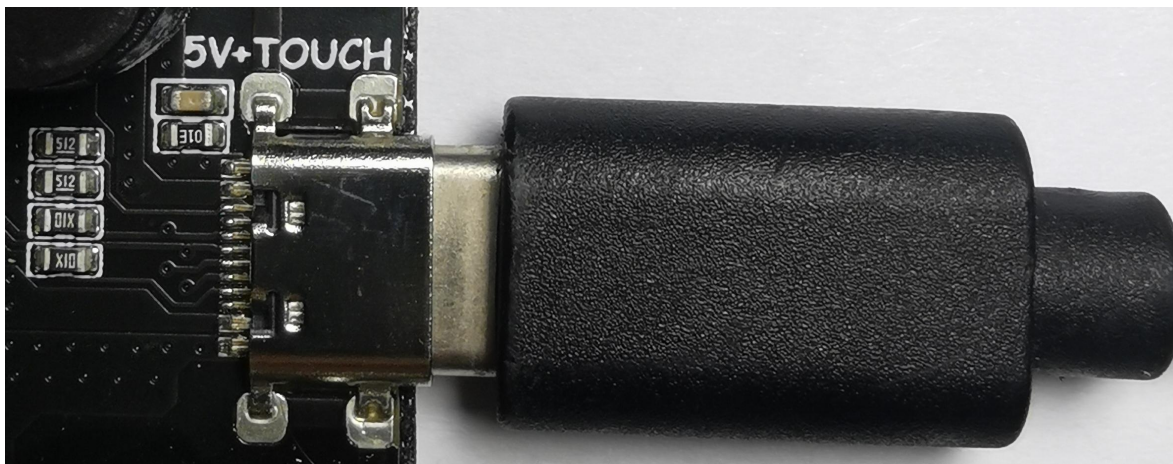
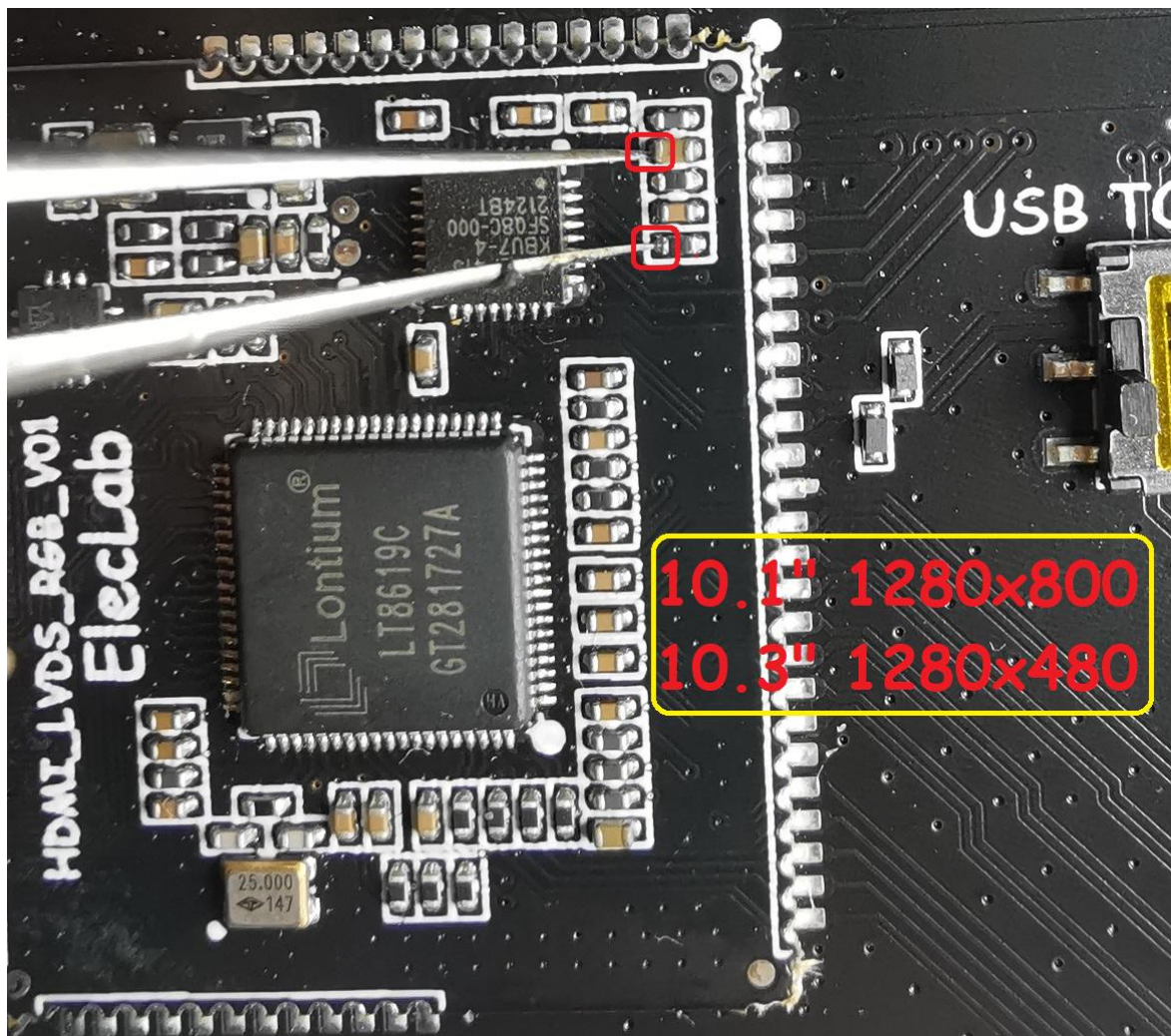
3. Install Artery_DFU_DriverInstall.exe



4. The display MCU enters download mode

1. Power off display
2. Use tweezers to short the MCU BOOT0 pin to 3.3V
3. Use a USB Type-c cable to connect the 5V+Touch port of the display to the PC





5. Run [ArteryISPProgrammer.exe](#), select the USB port, and pay attention to the software prompts that the correct VID/PID/UID device has been found.

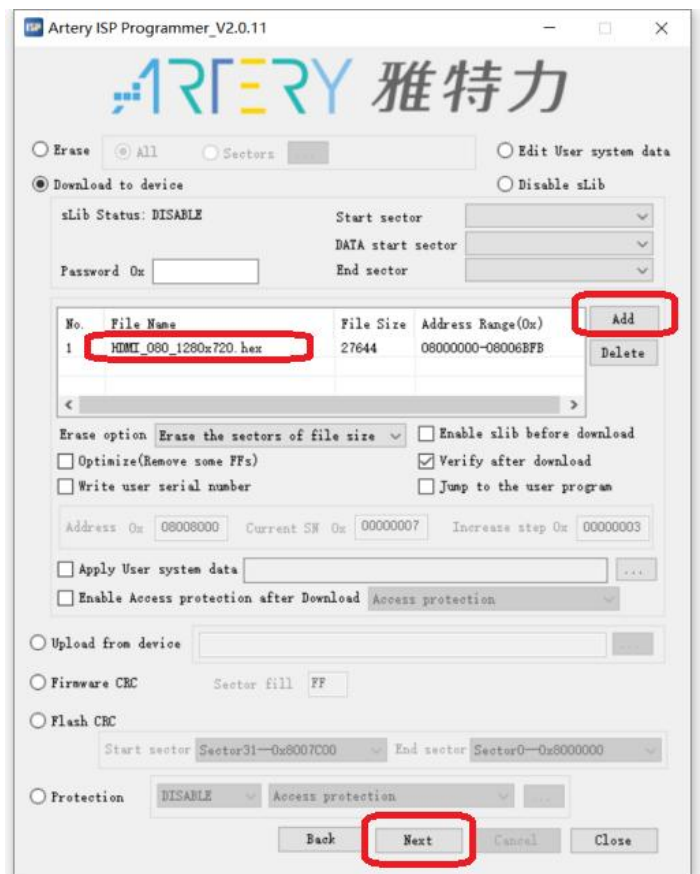


6. Turn off the MCU Flash access protection function if it is enabled, Then unplug and plug in the USB Type-c cable again.





7. Continue to upgrade the firmware and select the .hex file with the same model as the display model.





Target: AT32F415KBV7-A_128K

Operation: Verify

File Name: H:\...\I_080_1280x720.hex

File Size: 27644B Status: 27644B

Erase
Running...
Download (HMMI_080_1280x720.hex)
Running...
Verify (HMMI_080_1280x720.hex)
Running...
Operation finished successfully!

Time: 00:00:02



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Cancel

Close