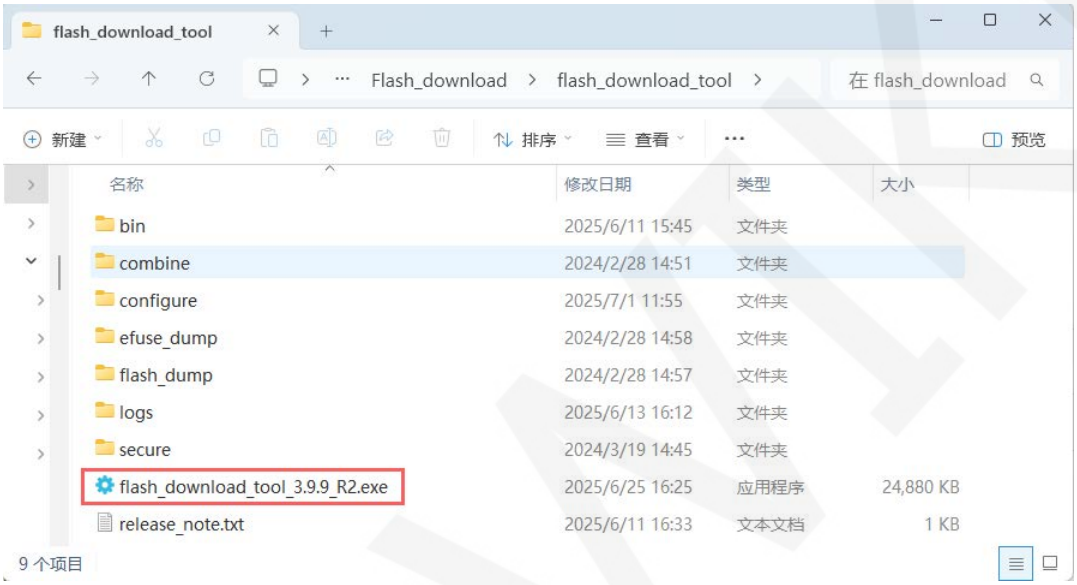
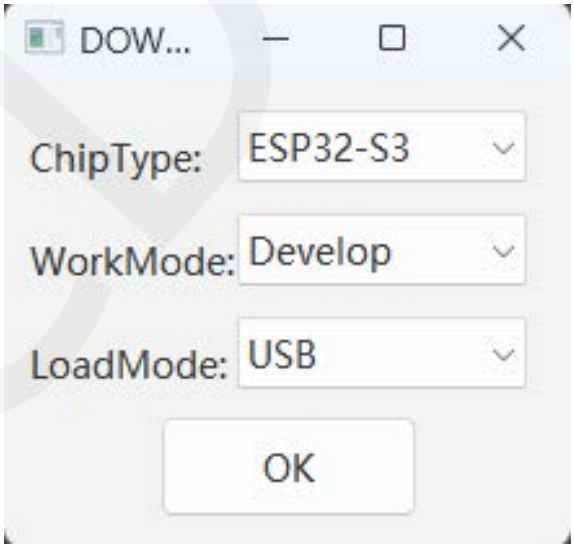
1. download **flash_download_tool** tool bag information (also can be used provided), download address:

   https://www.espressif.com.cn/zh-hans/support/download/other-tools

2. Download after decompression, open **flash_download_tool** directory and find flash_download_tool executable file, as shown in the figure below:



3. Double-click to open flash_download_tool tools, according to the following Settings, and then click OK:



4. Open the tools, for the following option:

   A. choose the bin file need to burn;

   B. Set the burning address to 0;

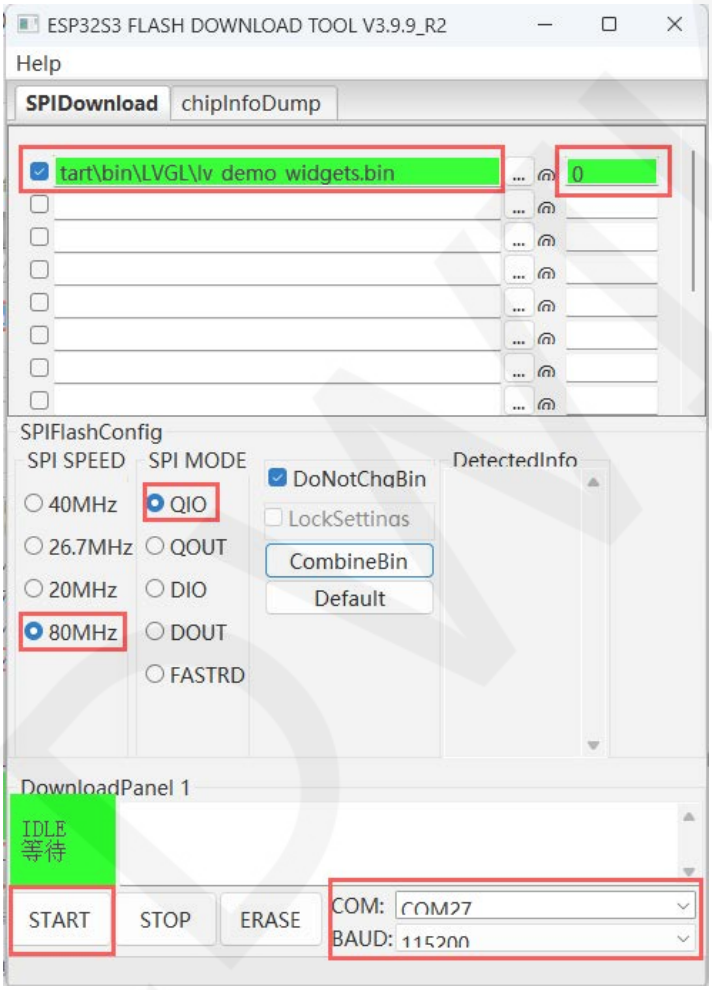
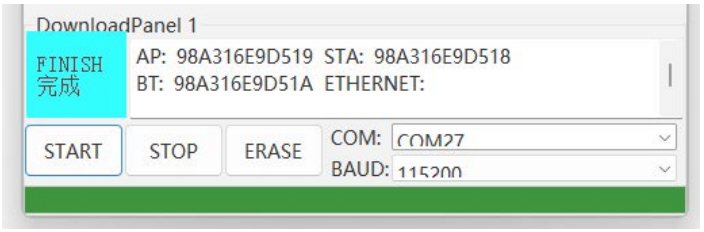
C. Set SPI_ SPEED;

D. Set SPI_MODE;

E. Set COM;

F. SetBAUD;

Click the **START** button to start burning, as shown in the following figure:



5. When the following prompt appears, it indicates that the burning is complete. Press the reset button or power on again to see the program running.