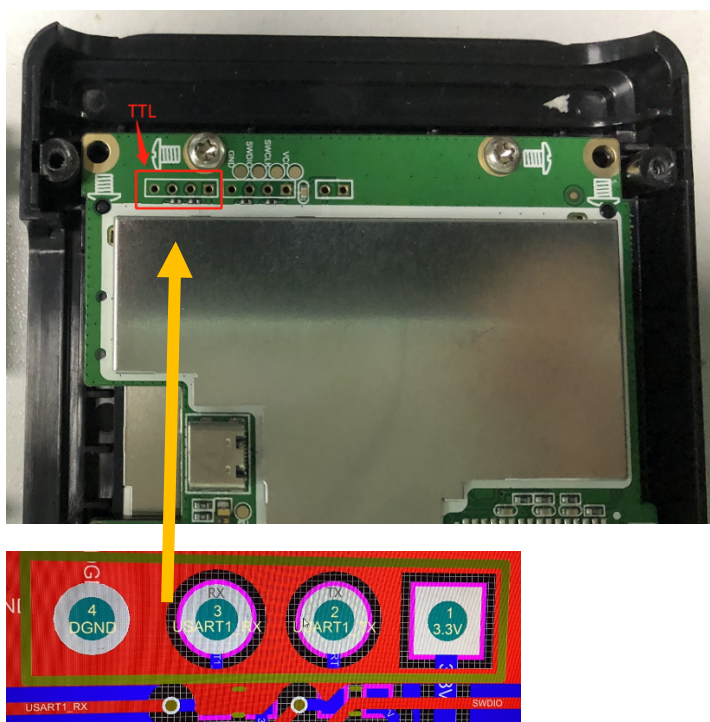
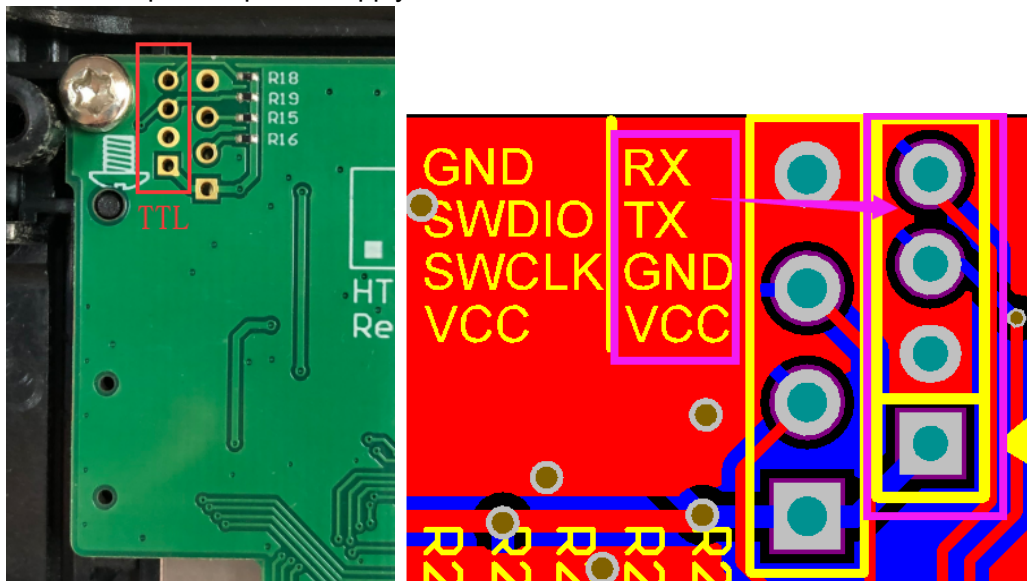


Program Arm1

1. Install flash_loader_demo_v2.8.0.exe.
2. Remove the batteries. Connect your scope to PC serial interface via RS232 to TTL module or USB to TTL module as picture.

If use USB port for power supply, VCC does not need to be connected. VCC is 3.3V.

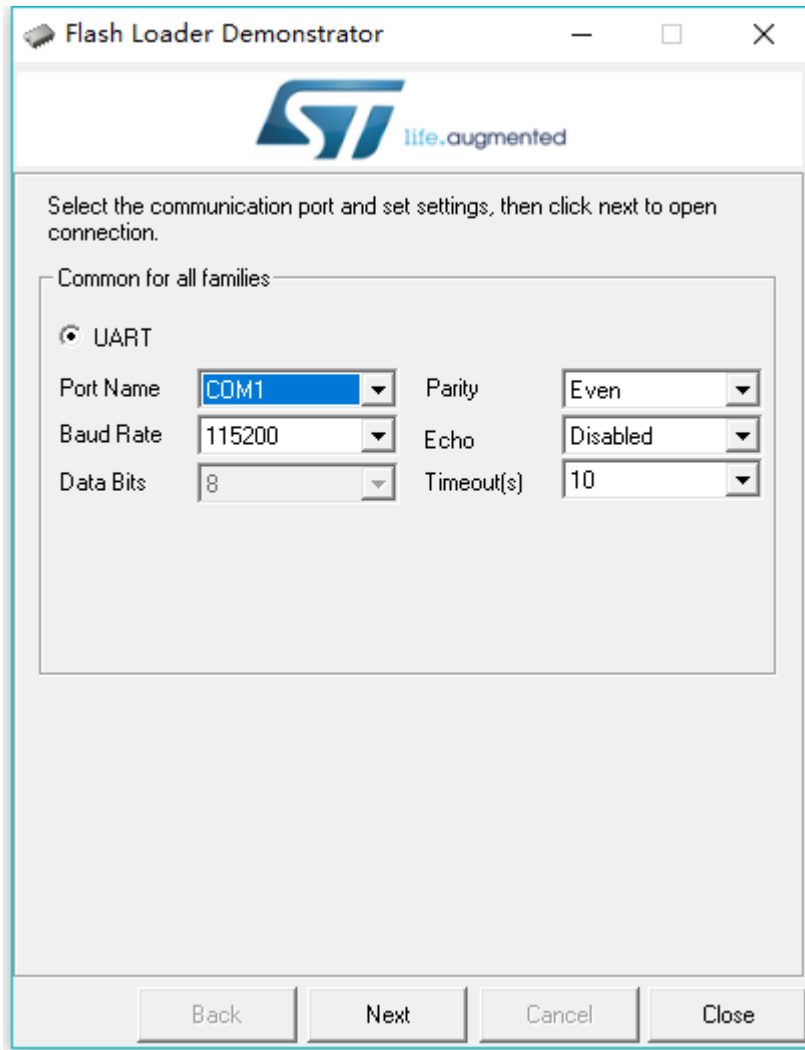




3. Short circuit the two points in the following picture, and connect the device to computer via USB cable at the same time.



4. Open the software STMFlashLoader Demo.
5. Select the port and click "Next".



6. Click "Next".



Target is readable. Please click "Next" to proceed.

Remove protection

Flash Size 512 KB


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Next

Cancel

Close

Flash Loader Demonstrator



life.augmented

Please, select your device in the target list

Target

STM32F1_High-density_512K

PID (h)

0414





































BID (h)

NA


Version


2.2

Flash mapping

Name	Start address	End address	Size	R	W
 Page0	0x 8000000	0x 80007FF	0x800 (2K)		
 Page1	0x 8000800	0x 8000FFF	0x800 (2K)		
 Page2	0x 8001000	0x 80017FF	0x800 (2K)		
 Page3	0x 8001800	0x 8001FFF	0x800 (2K)		
 Page4	0x 8002000	0x 80027FF	0x800 (2K)		
 Page5	0x 8002800	0x 8002FFF	0x800 (2K)		
 Page6	0x 8003000	0x 80037FF	0x800 (2K)		
 Page7	0x 8003800	0x 8003FFF	0x800 (2K)		
 Page8	0x 8004000	0x 80047FF	0x800 (2K)		
 Page9	0x 8004800	0x 8004FFF	0x800 (2K)		
 Page10	0x 8005000	0x 80057FF	0x800 (2K)		
 Page11	0x 8005800	0x 8005FFF	0x800 (2K)		

Legend :

 Protected

 UnProtected

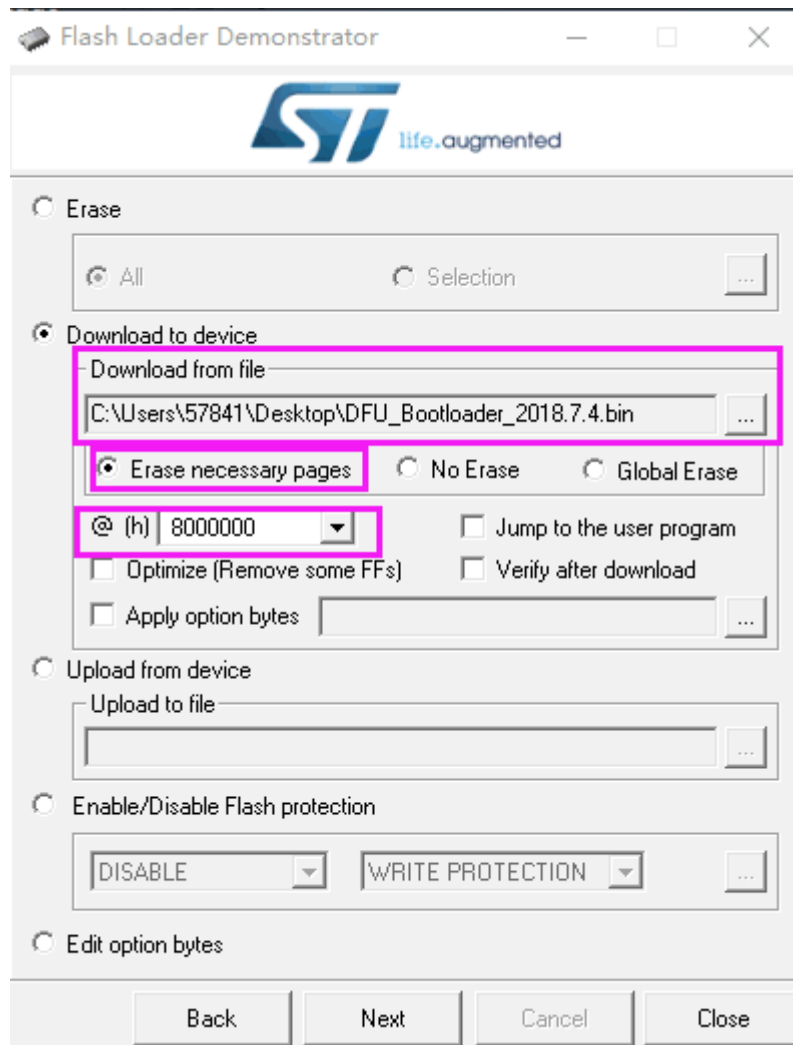
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Next

Cancel

Close

7. Select the .bin file, "Erase necessary pages" and address (8000000). Click "Next " to start.



8. Disconnect the USB cable.

If the scope can't start normally, need to update the firmware(arm2) again.