

GTC-XPI3566-ZERO Upgrade Guide(EN)

V1.0

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REVISION HISTORY

Time	Version	Reason of change	Author	Remake
10/08/2024	1.0	Create a document	CM	

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1. Download link:

1.1 Driver download link:

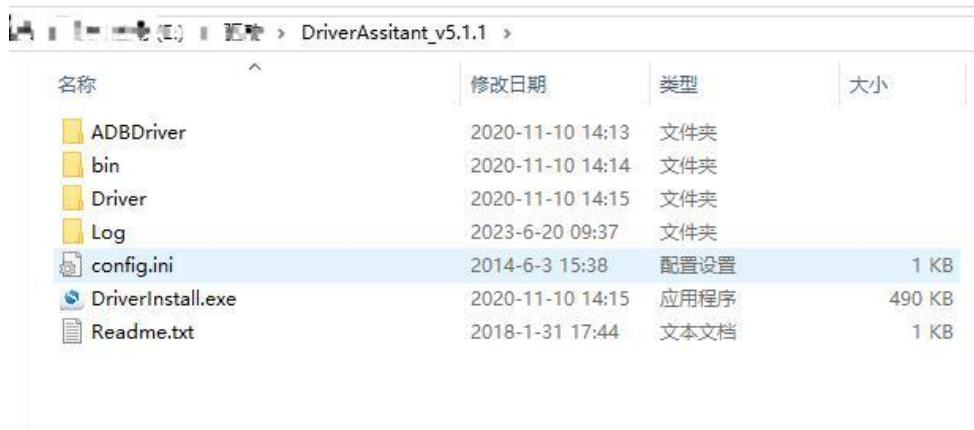
<https://mega.nz/file/tgFXyCRC#ZsNvsWpkaxmreSemrrsE6OAVvFBa4HTUVLLmpVPVq6Y>

1.2 RKDevTool's&FW download link:

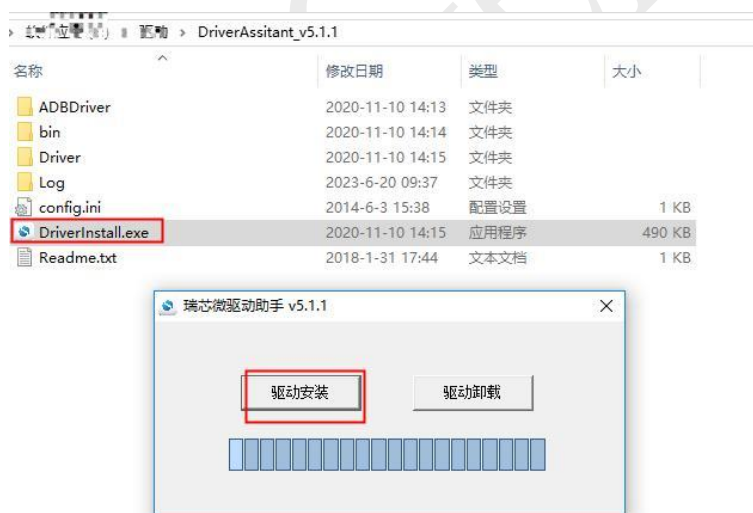
Please contact the staff.

2. Install the RK USB driver:

(1) Download the driver and unzip it, as shown below:



(2) Run“DriverInstall.exe”->Click “驱动安装”, as shown below:



(3) If the installation is successful, click“确定”.

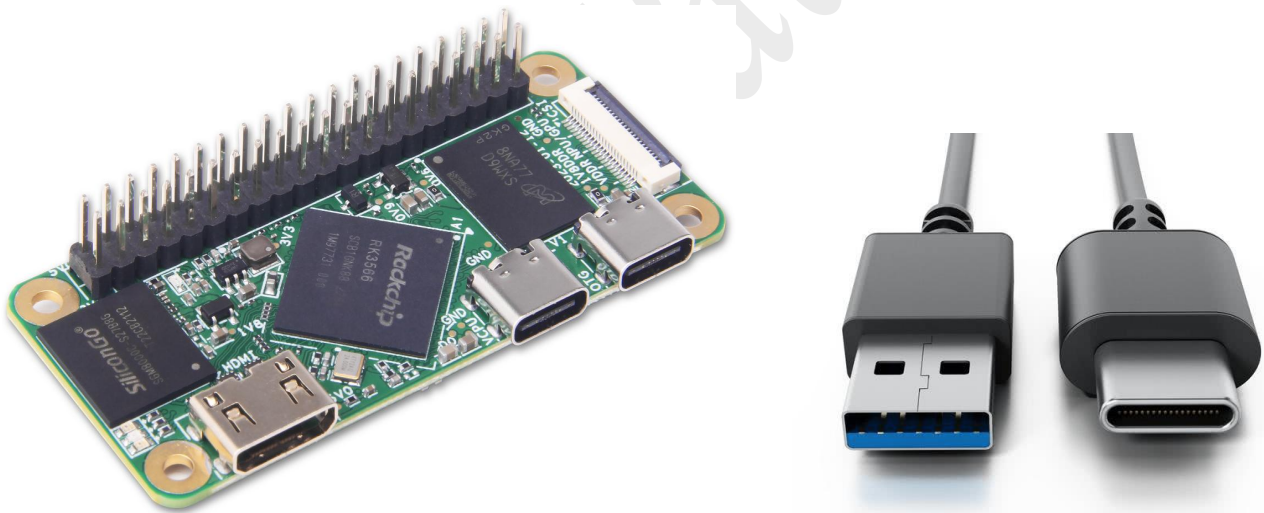


3. Burning system:

3.1 Preparation for burning:

- XPI3566-ZERO Device
- Host (e.g. Windows10)
- Good Type-C burning line

As shown in the picture below:



Note: If you are burning a different system (such as Android burning to linux, or linux burning to Android) or burning again after a failure during the burning process, erase the flash first (see 3.3 for details). If not, The erase flash step can be ignored.

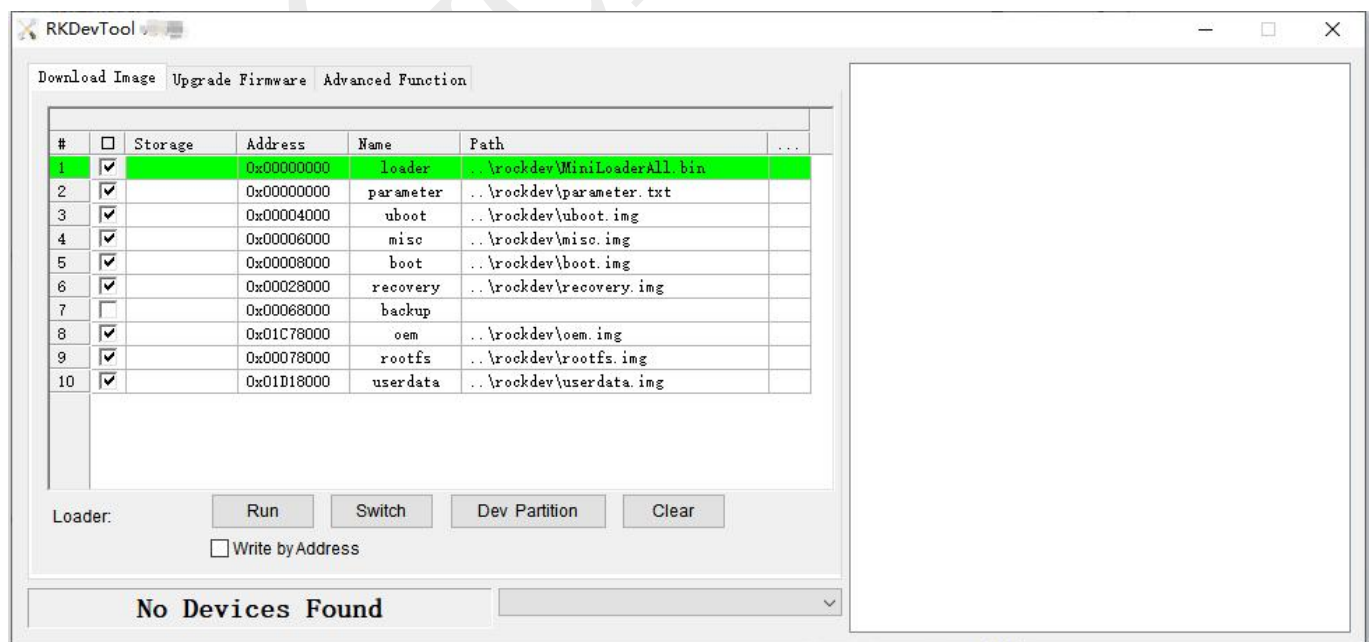
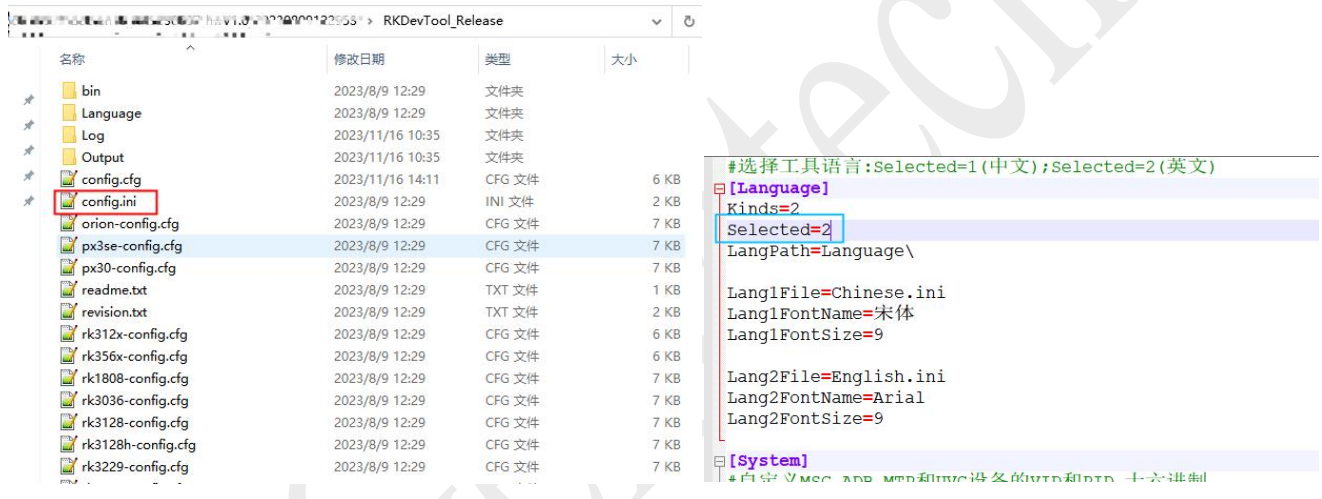
3.2 Burning procedure:

(1) Download and unzip the firmware as shown below:



(2) Go to the RKDevTool_Release folder, open the config.ini file and change Selected=2 to make the tool language displayed in English, then double click to run RKDevTool.exe.

Note: If AndroidTool isn't included in the system package, please skip this step

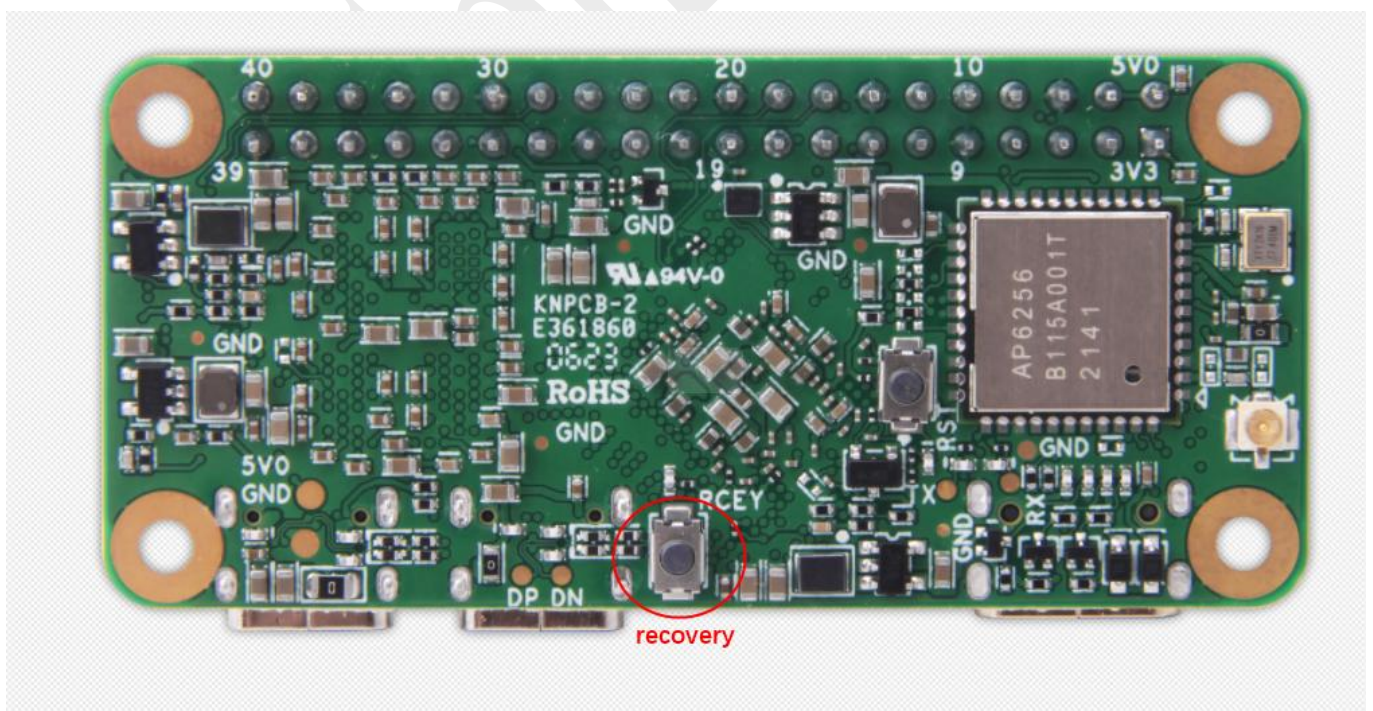
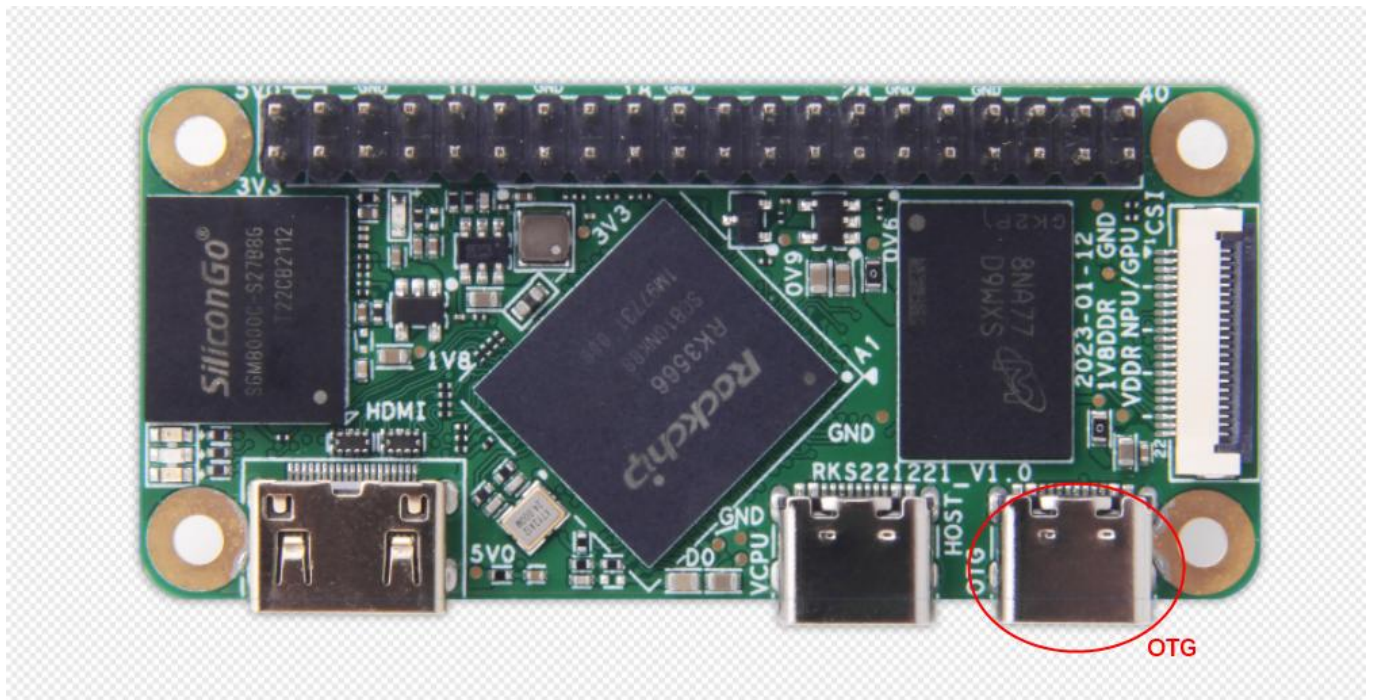


(3) Enter upgrade mode:

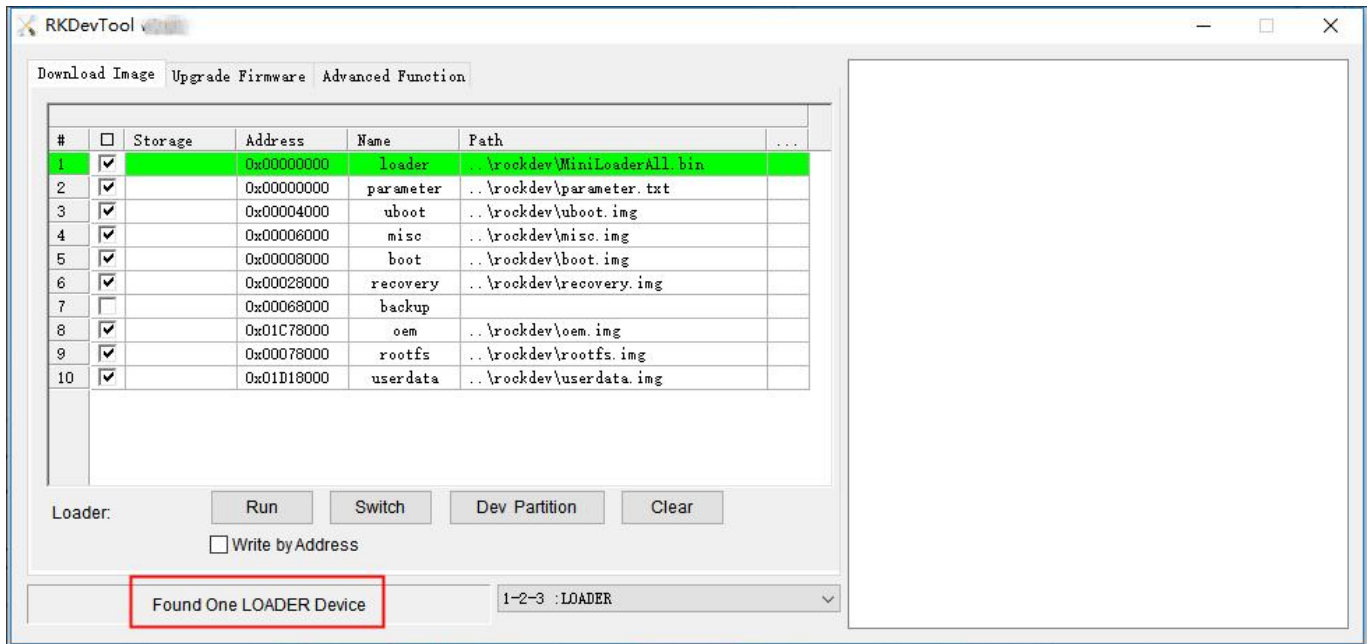
We need all the equipment ready before we can write the firmware.

- Press and hold the "RECOVERY" button on the device, connect the OTG to the host with the Type-C cable, and hold for 5-10 seconds.

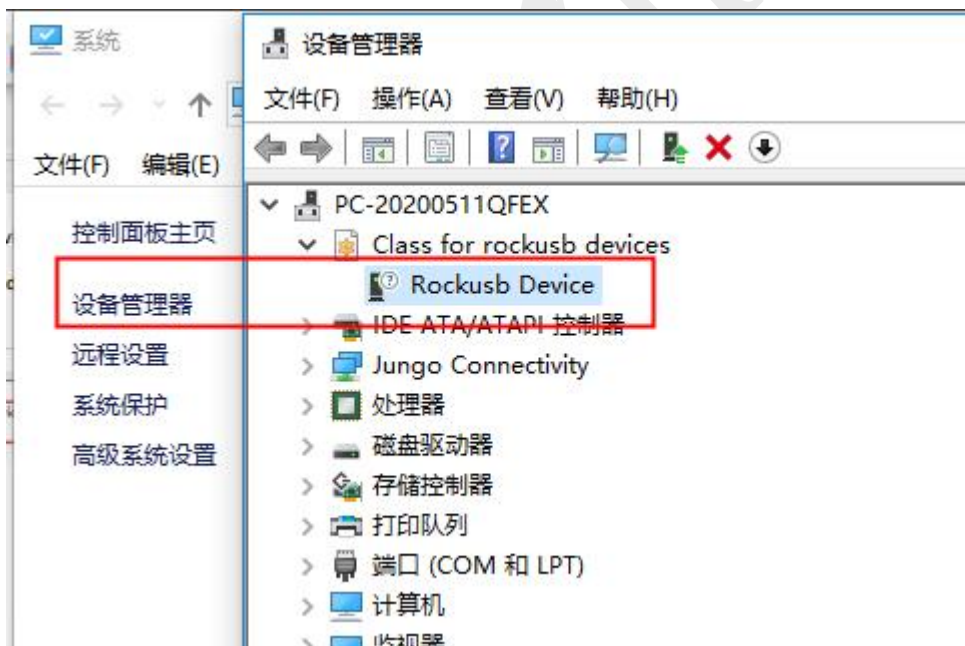
Note: The Type-C data cable connects to the USB3.0 port of the host.



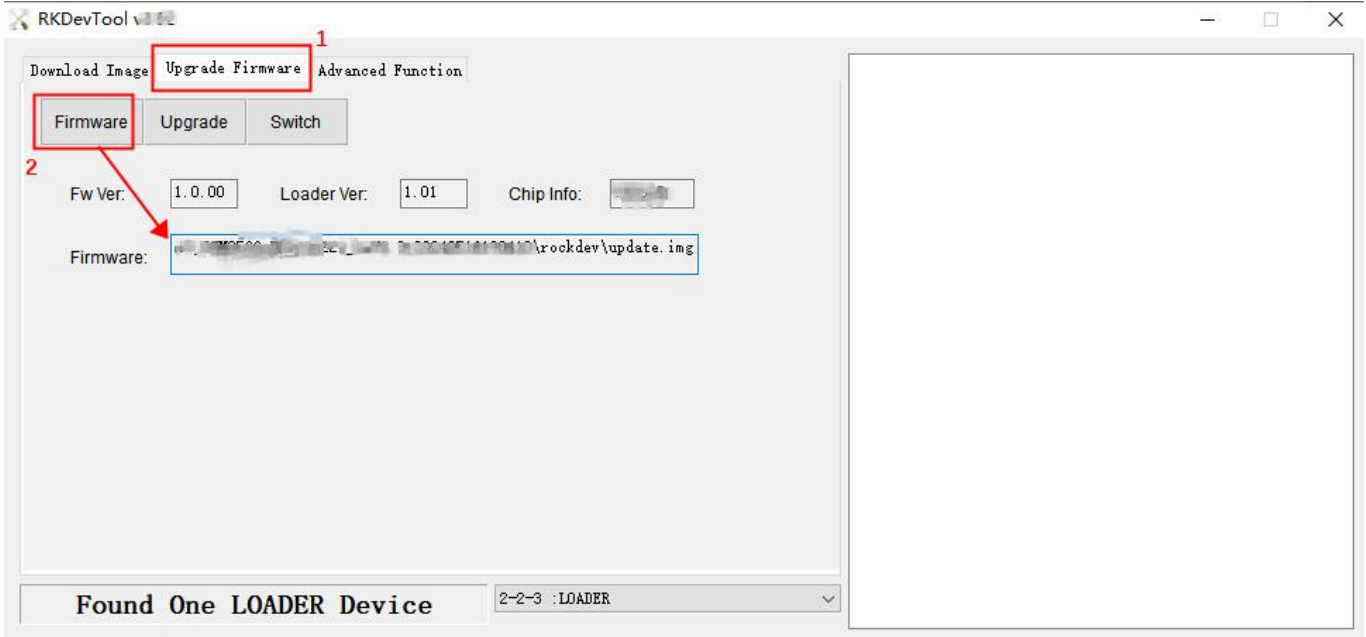
- In RKDevTool.exe you can see the following message: Found One LOADER Device.



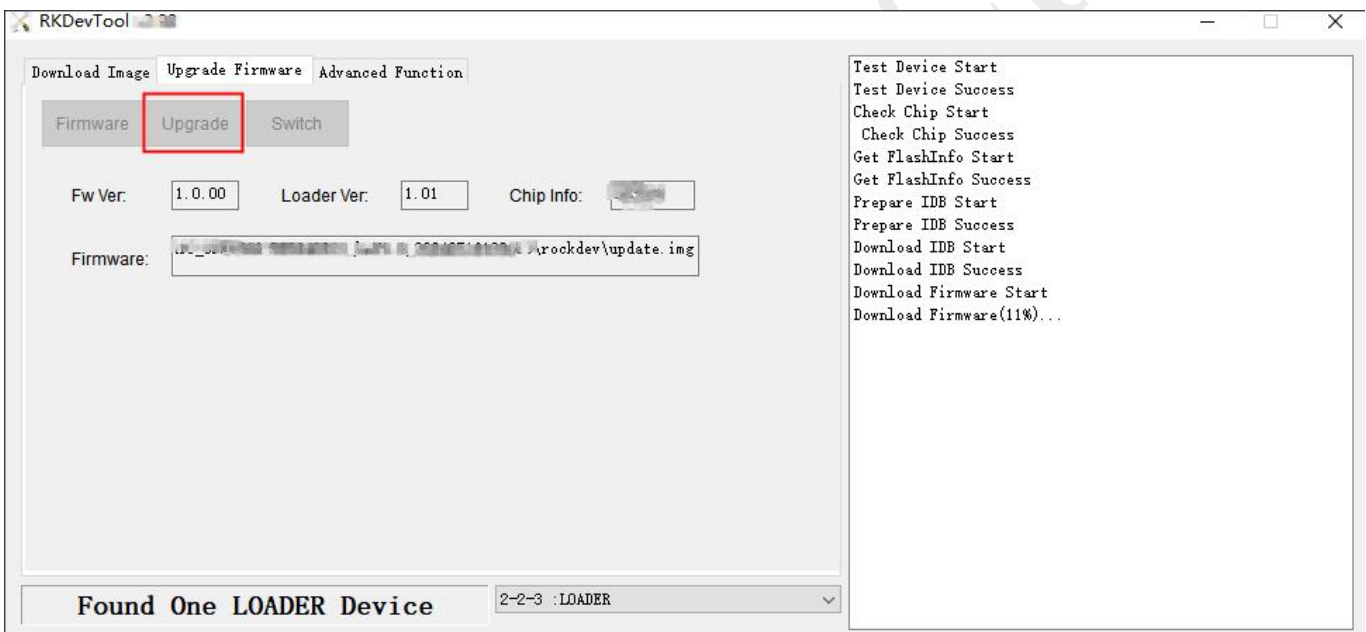
Note: When RKDevTool.exe finds the Loader Device, you can also find the RK Device in PC-> Device Manager. If no, check whether the driver is correctly installed or properly installed.



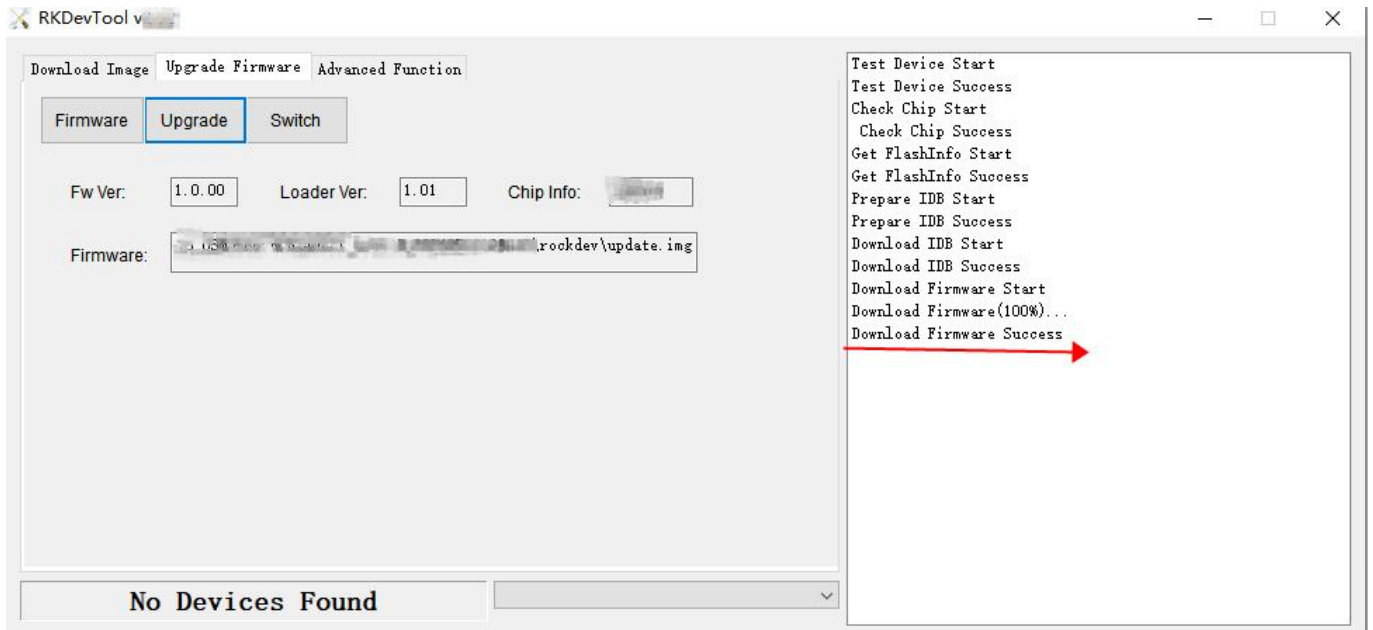
(4) Go to the "Upgrade Firmware" page and click "Firmware" to import the update package update.img (update.img is in the /rockdev folder).



(5) Click "Upgrade" to start burning...



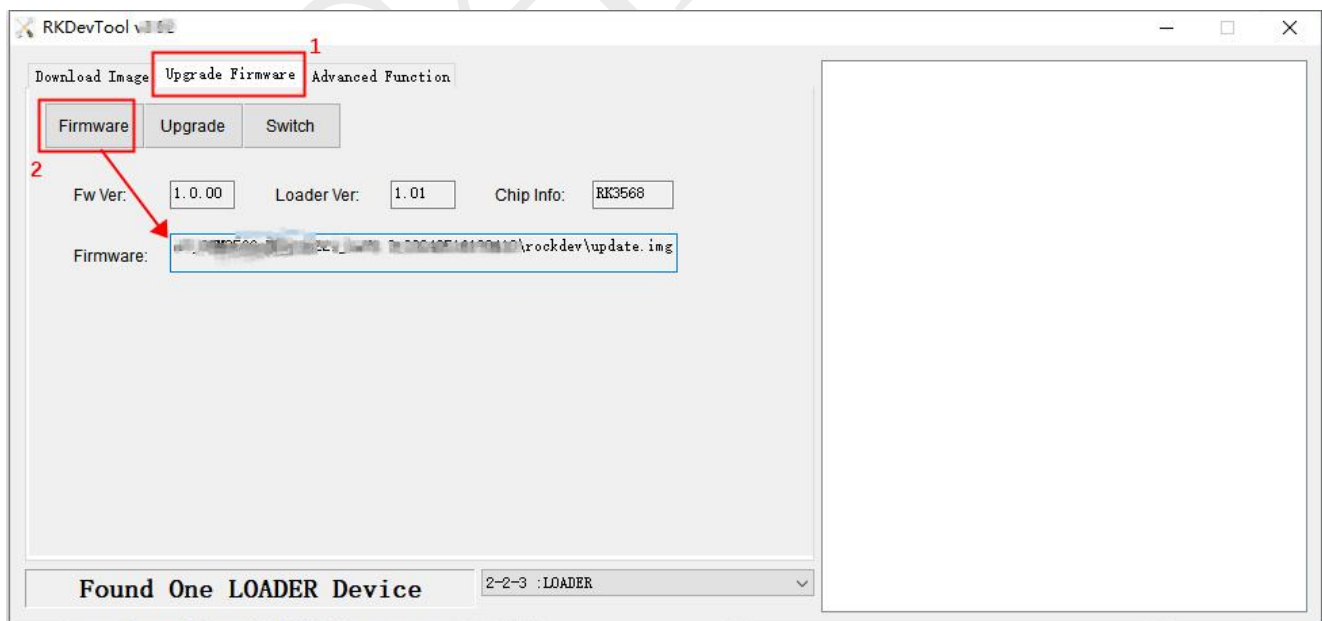
(6) Burning is complete.

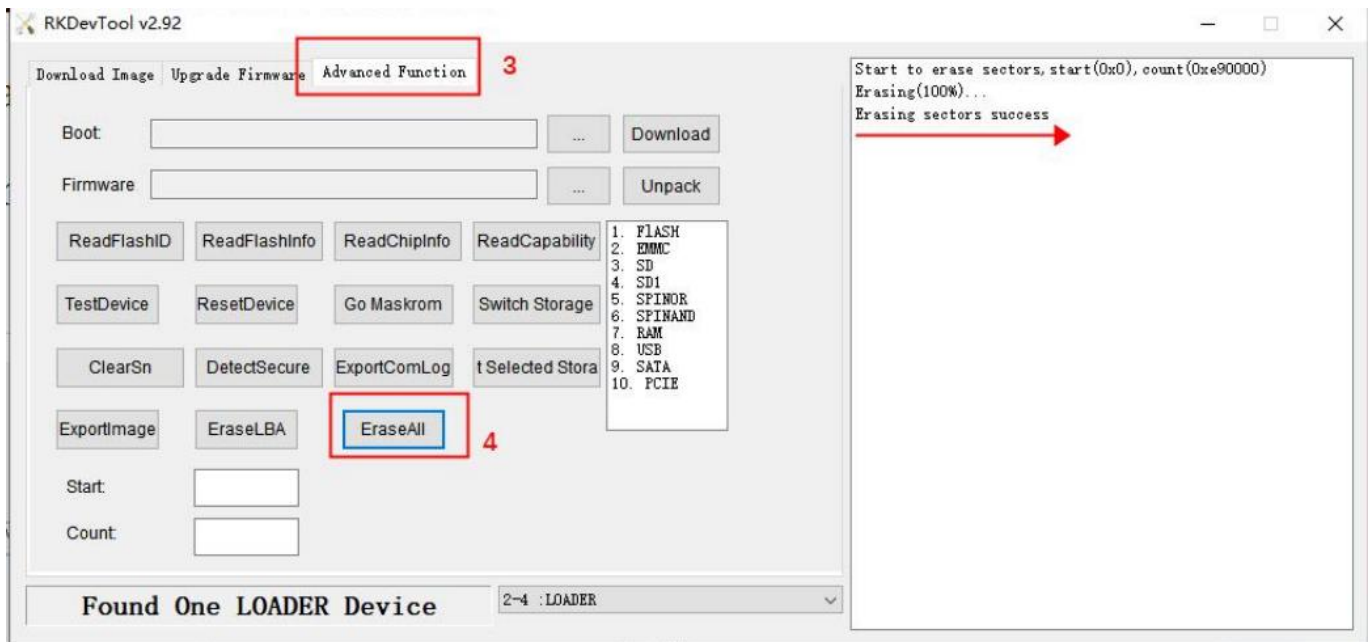


3.3 Erase flash (not necessary)

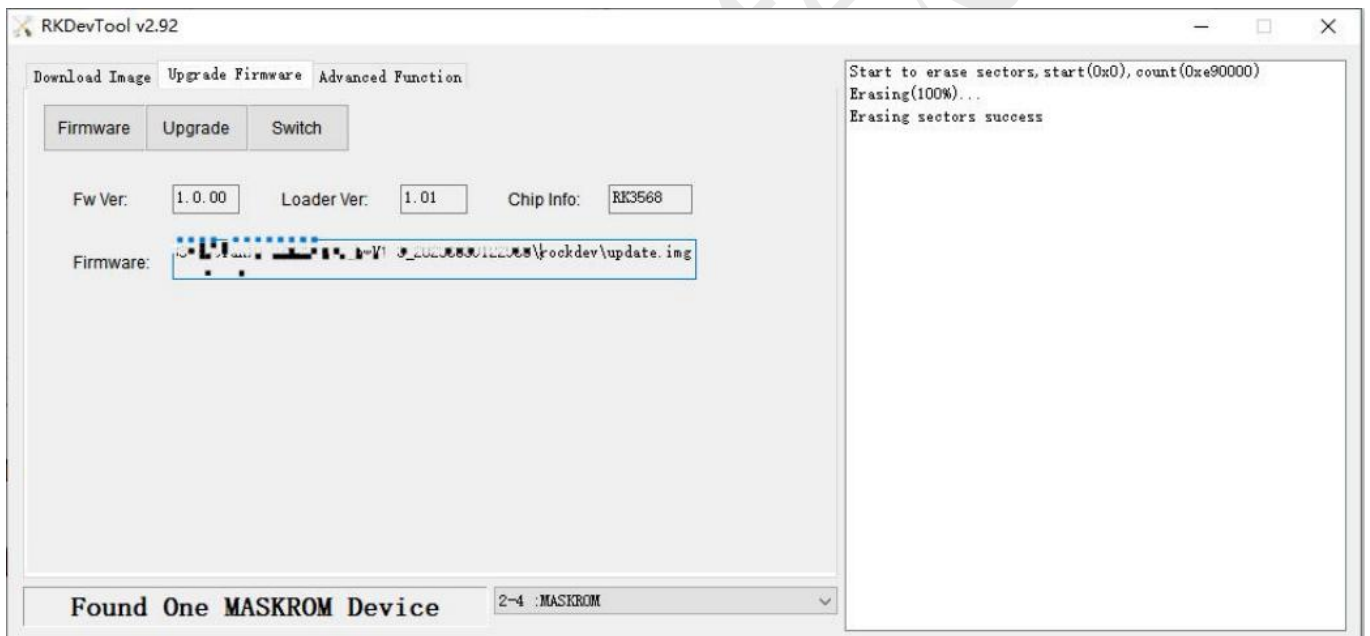
If the BOX is burned from Android to Linux, or from Linux to Android, or re-burned after a failure in the burning process; Delete the Flash first.

(1) Select the burn package (update.img) for Android or Linux. Enter "Advanced Functions" and click "Erase all"; In the right dialog box, Success is displayed.





(2) After the erase is complete, power off and restart. It will enter MASKKOM mode. Then proceed to step 3 above to burn the system.



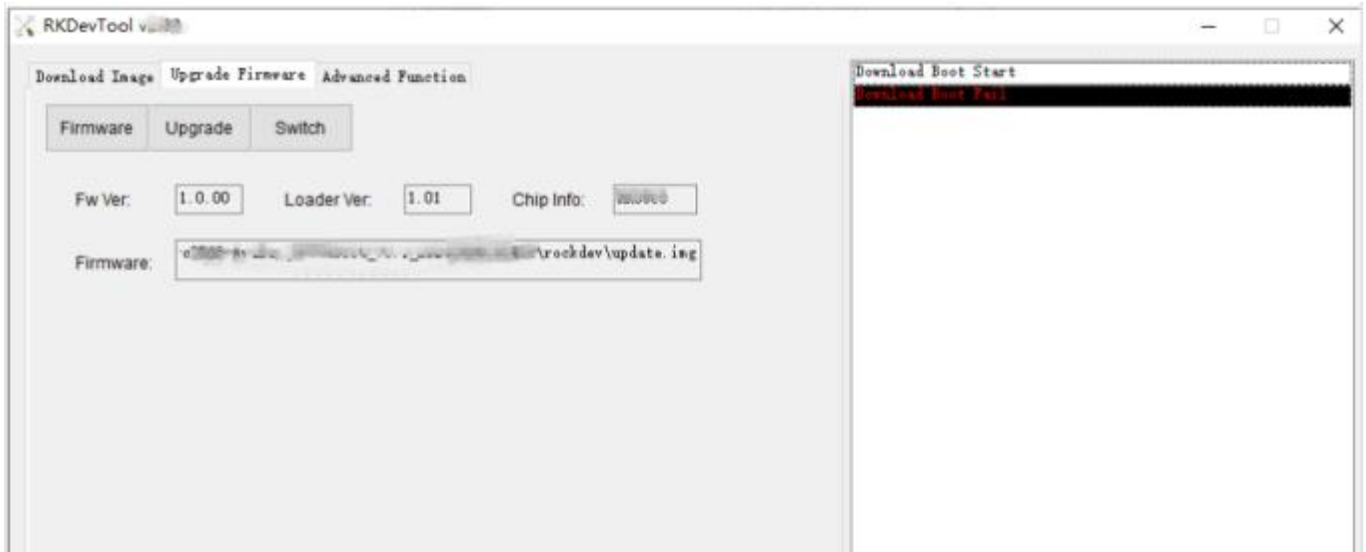
4. Q&A:

4.1 Analysis of burning failure

Q: The Download Boot Fail occurs during the write process, or an error occurs during the write process, as shown in the following figure:

A: It is usually due to the poor connection of the USB cable used, inferior

cable, or the insufficient drive ability of the computer USB port, please replace the USB cable or the computer USB port check.



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