1， Generate public keys and keys
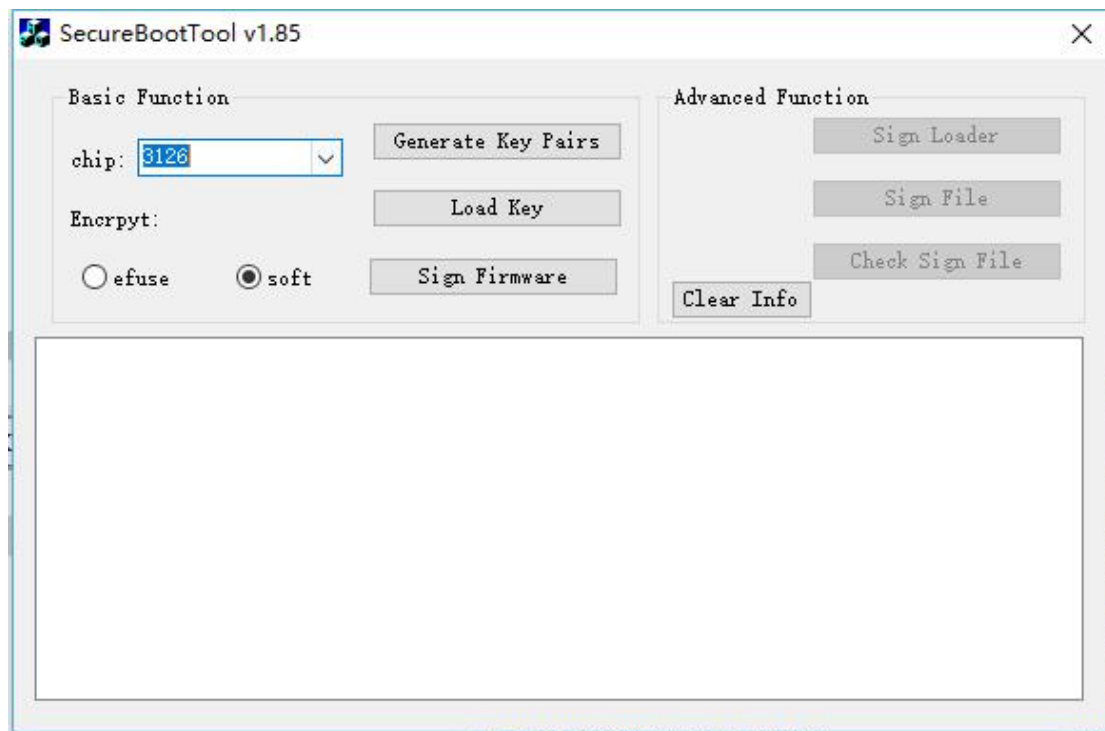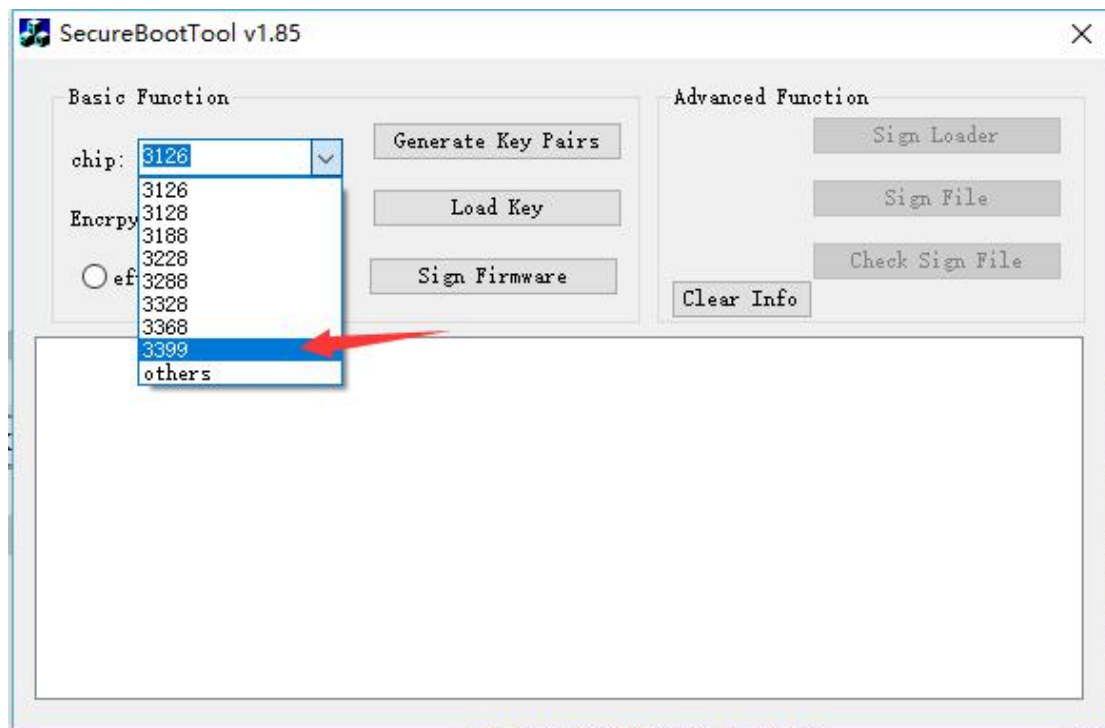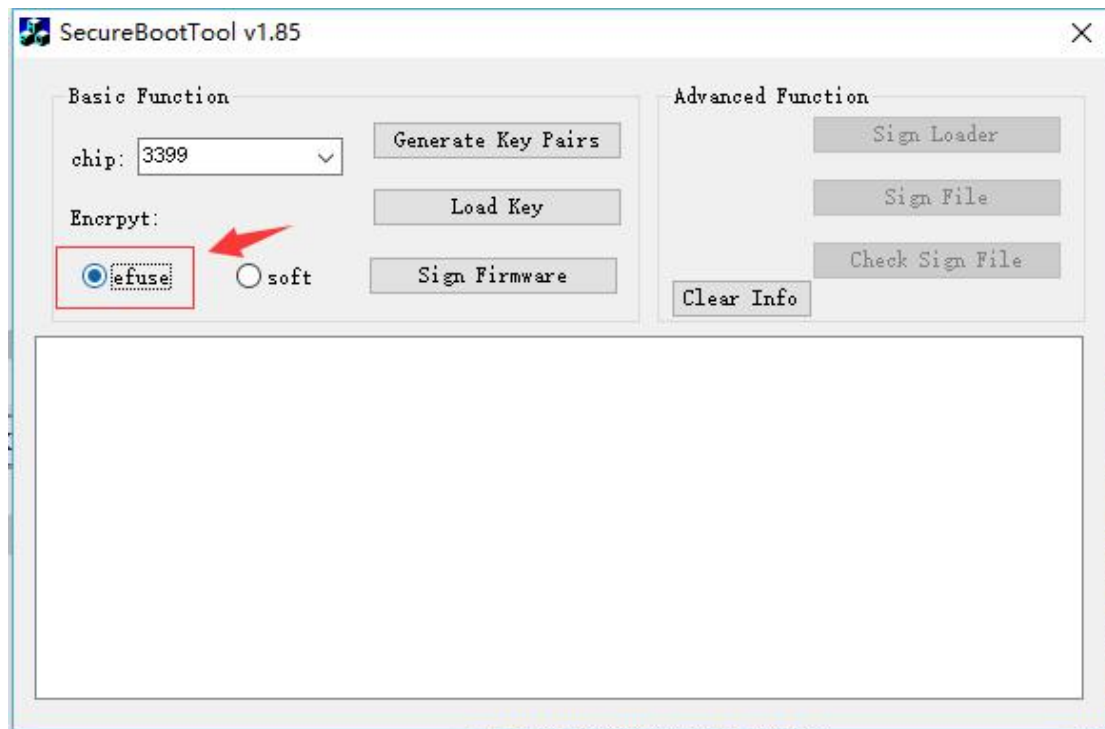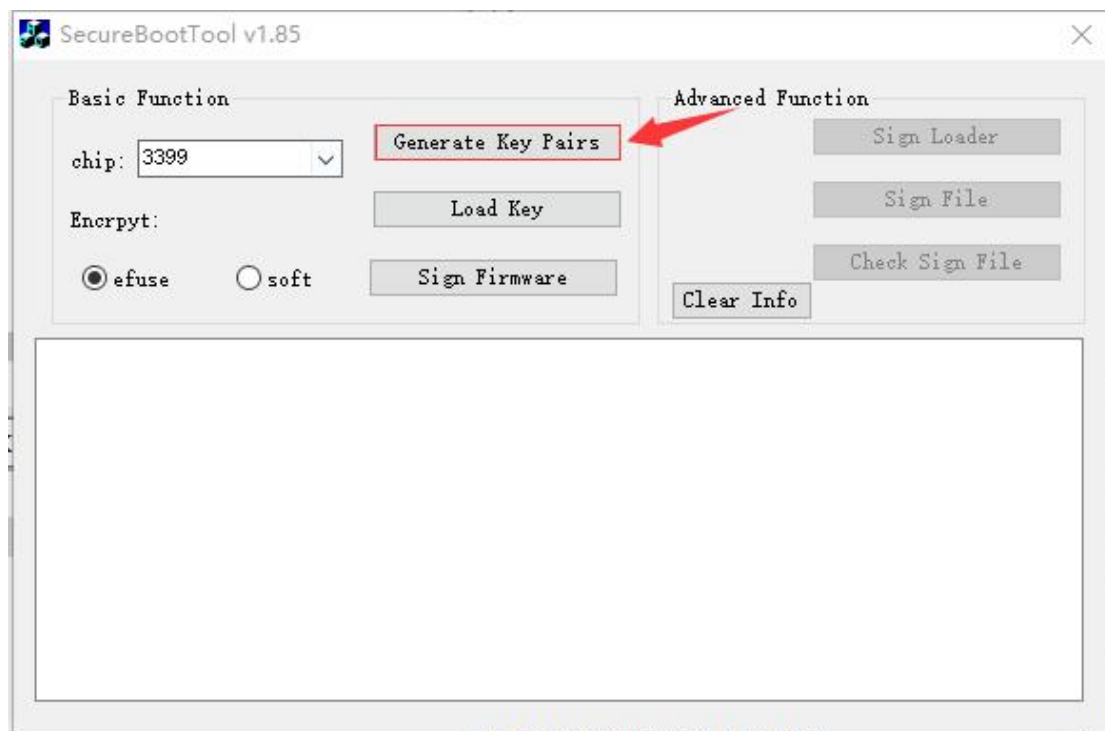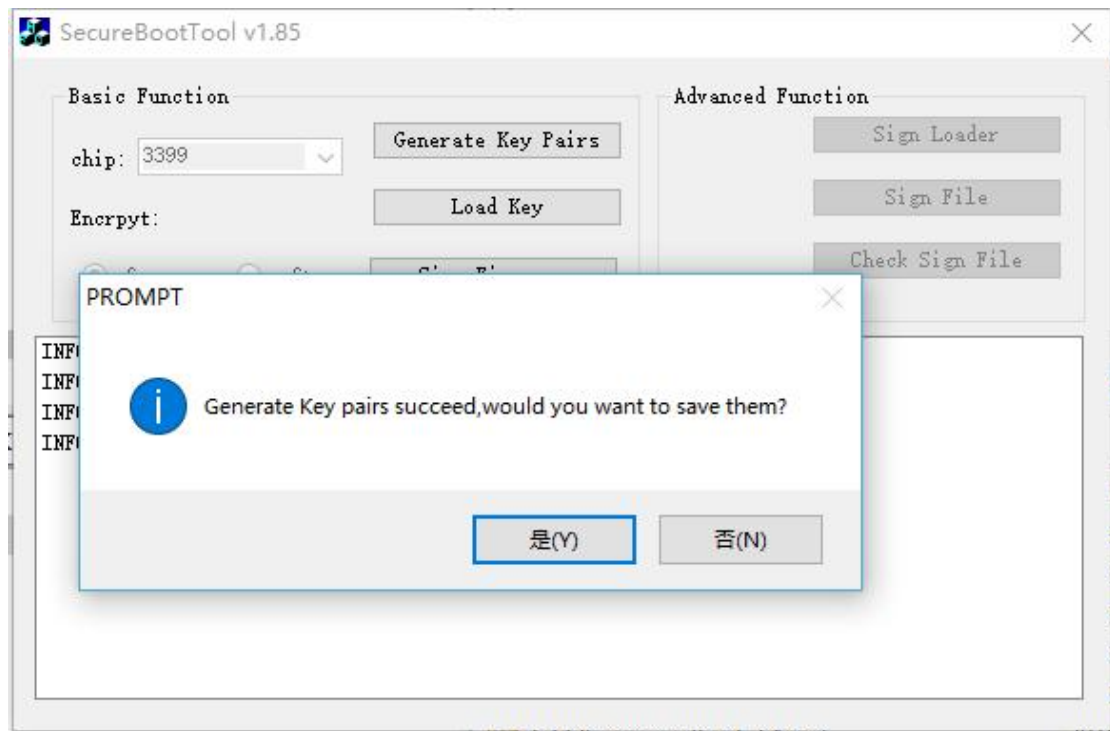
Open tools "SecureBootTool v.1.85"

Select chip：3399

Select "Encrpyt" type:efuse

Select "Generate Key Pairs" to create   key

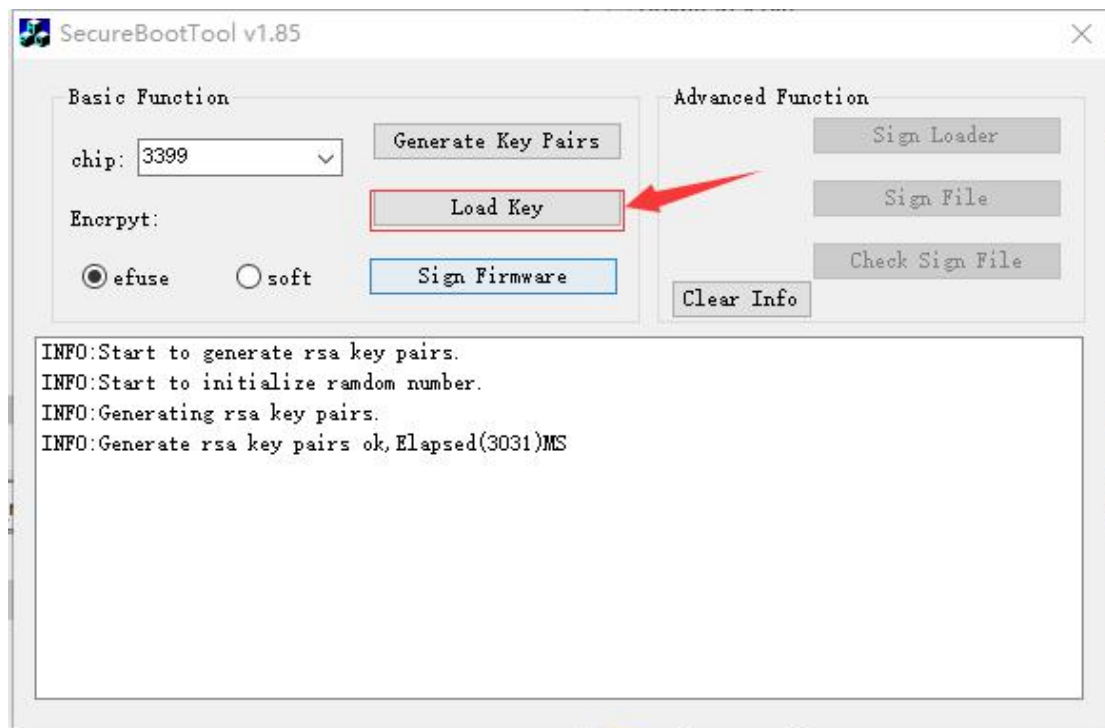Created success and save

After saving the following key file

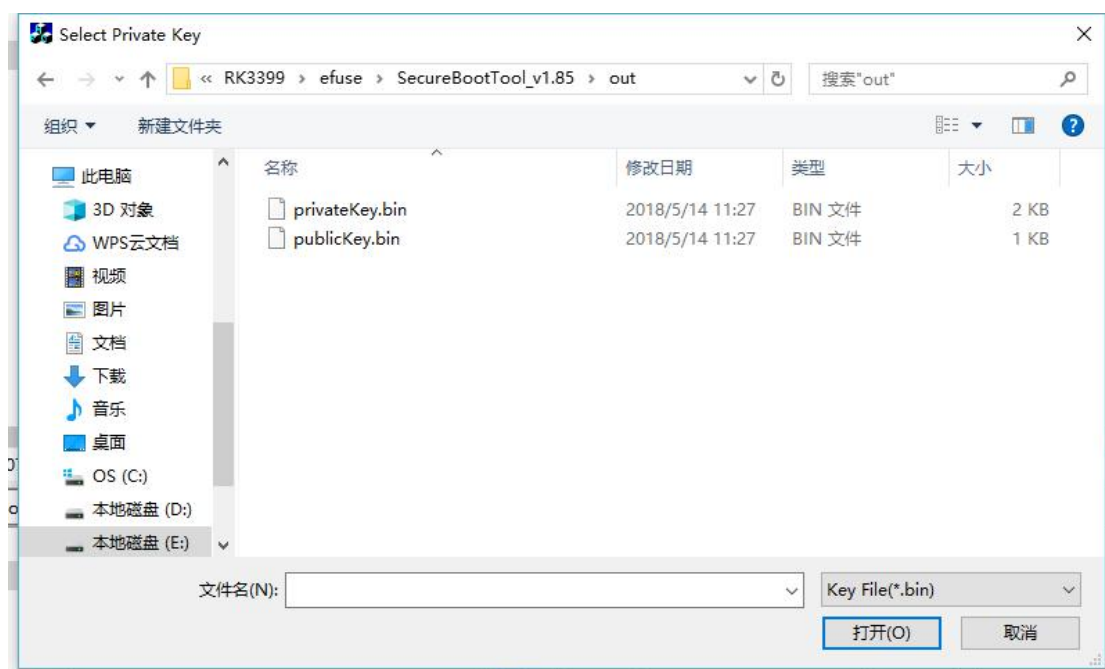|			
privateKey.bin	2018/5/14 11:27	BIN 文件
publicKey.bin	2018/5/14 11:27	BIN 文件

2，Signature firmware

Open tool SecureBootTool v.1.85，config as create key

Click "Load Key" button to loader key

Select the key file generated in the previous step, where the public and private keys are loaded twice

Click the "Sign Firmware" button to select the Firmware to Sign. For compilation and packaging of Firmware, refer to section 2 of rockchip_secure_boot_application_note_v1.2.1 _20171128.pdf.
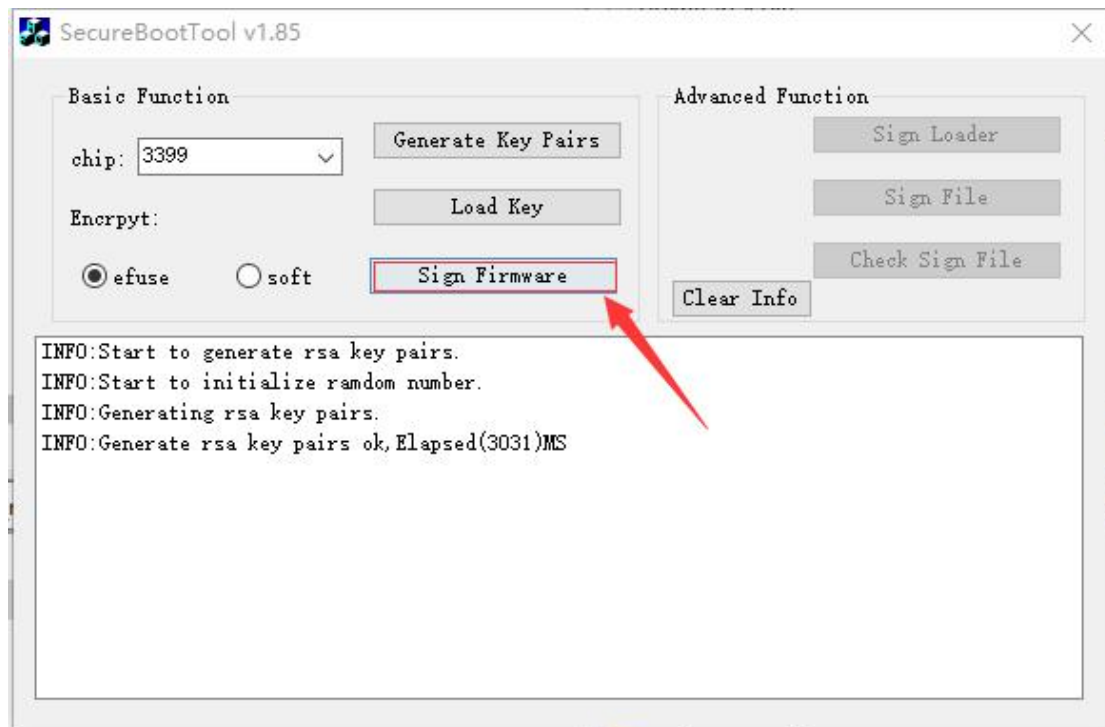
The firmware signing process takes about 10 minutes, and the signed firmware is under the out directory in the path where the tool is located, and its name is update_signal.img
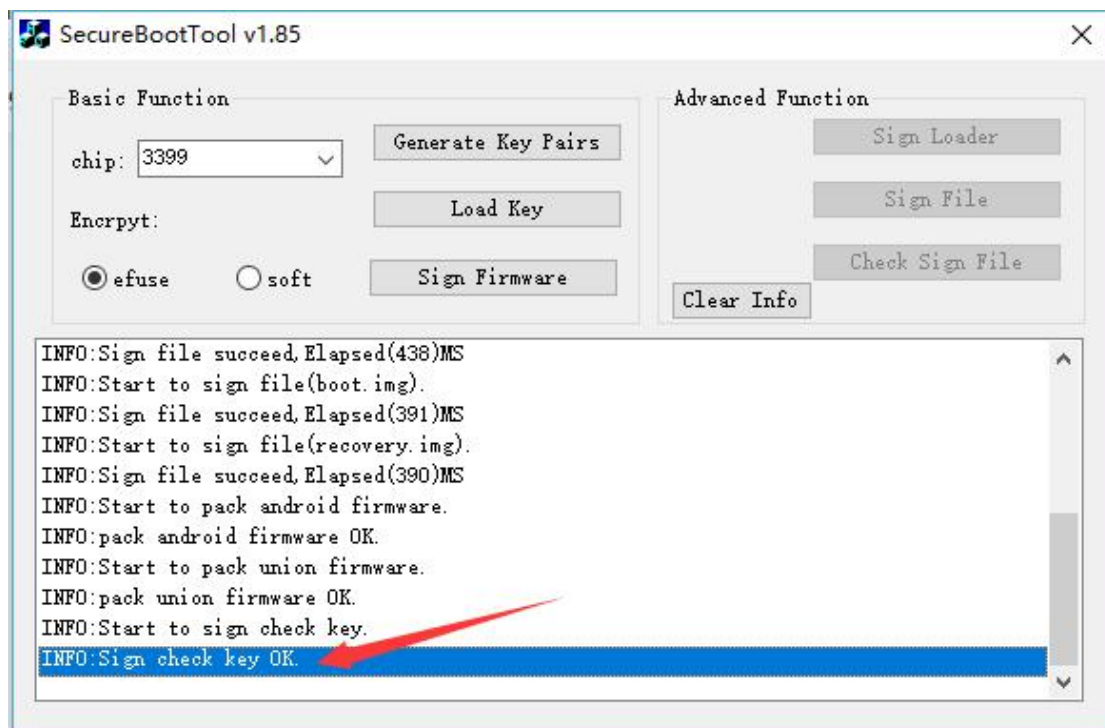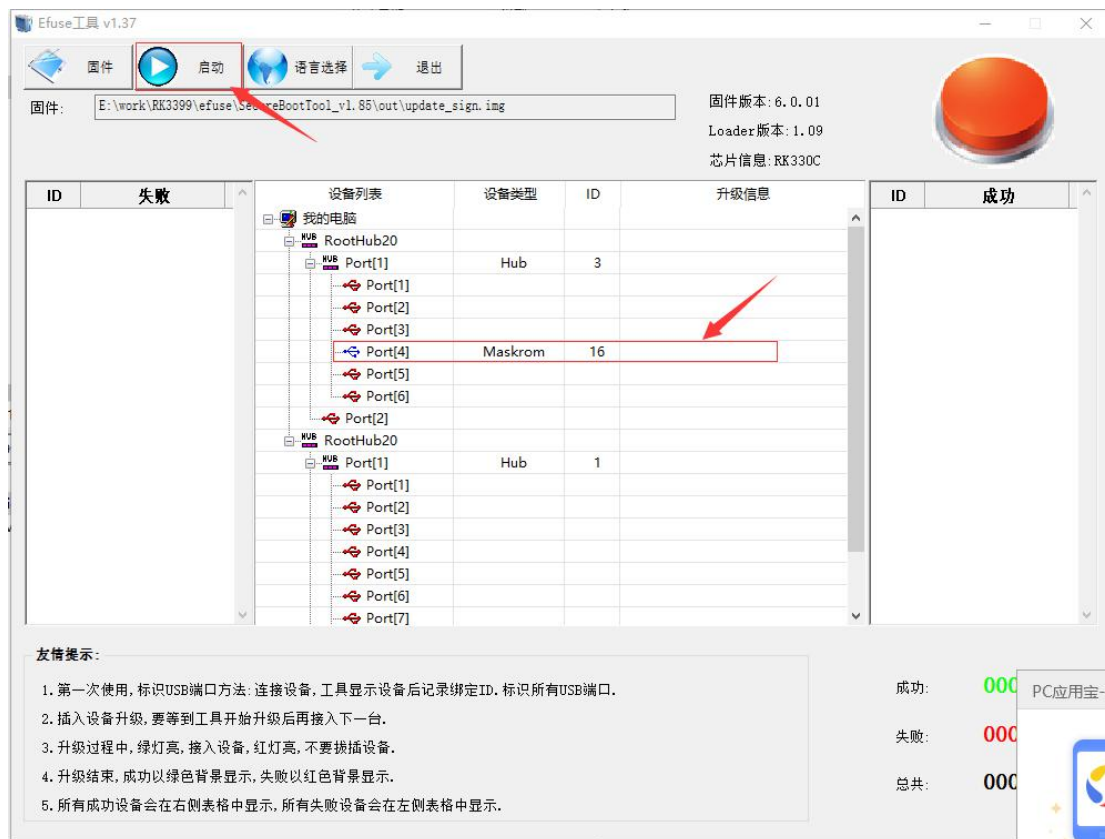

3，**programme efuse**
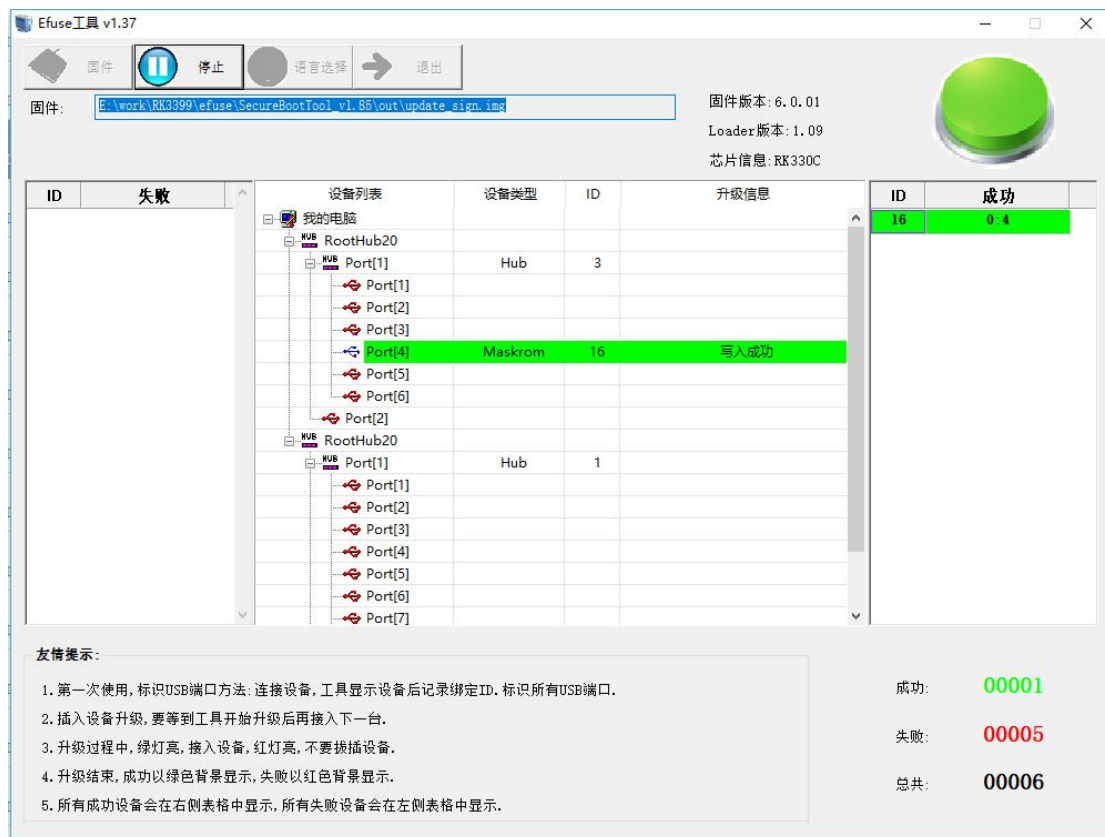
3399 board configuration：efuse power on，enter "masrom" mode

Open tool："Efuse 工具 v1.37"

Select the signed firmware in step 2

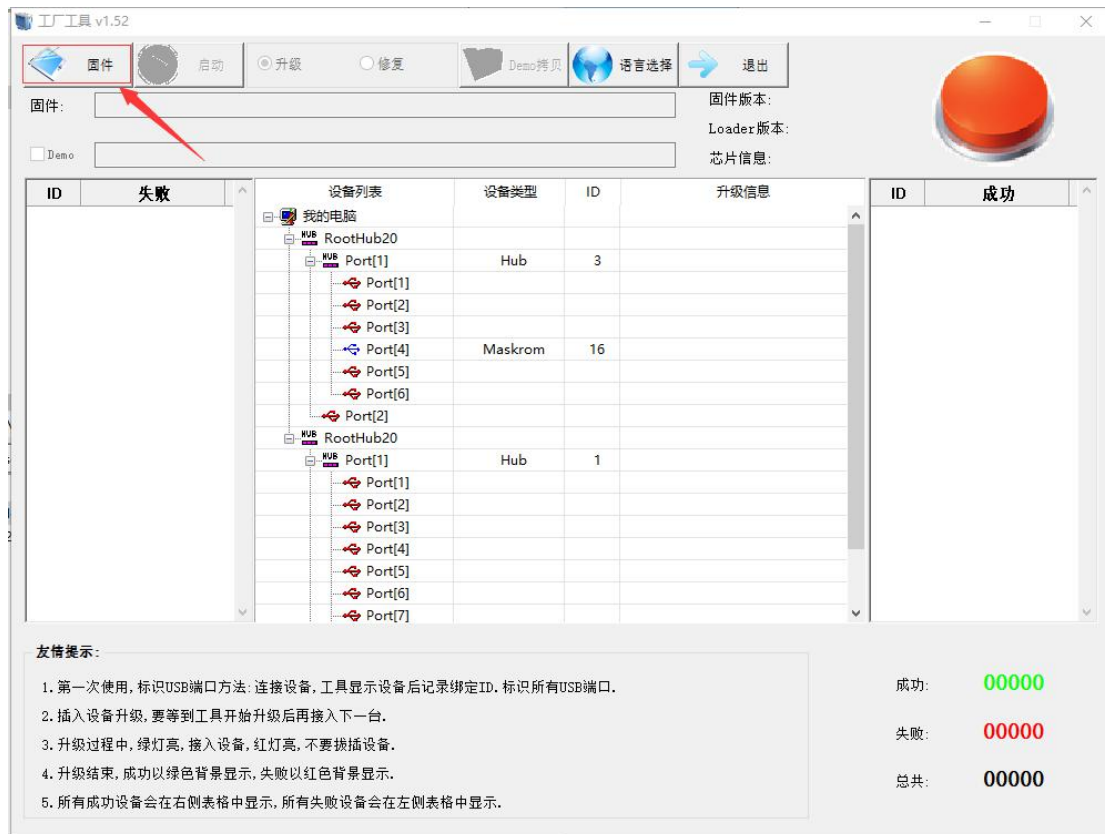After identifying the maskrom device, click start to write

Burning successfully

4，Burning signature firmware

Open tool："FactoryTool_v1.63"

Select the firmware that was signed in step 2

Start the download