H28K firmware burning instructions

For more information please visit: https://phonglan.vn

1. Prepare materials

- Driver: Rockchip_DriverAssitant_v5.1.1.zip
- Flash tool: RKDevTool_Release_v2.84.zip
- A windows computer (preferably windows10 operating system)
- Loader：H28K-Boot-Loader.bin
- Firmware: Download on this page https://phonglan.vn
- Card Pin (SIM-eject tool) or sharp objects:

- One TYPE A to C data cable:

2. Install the driver

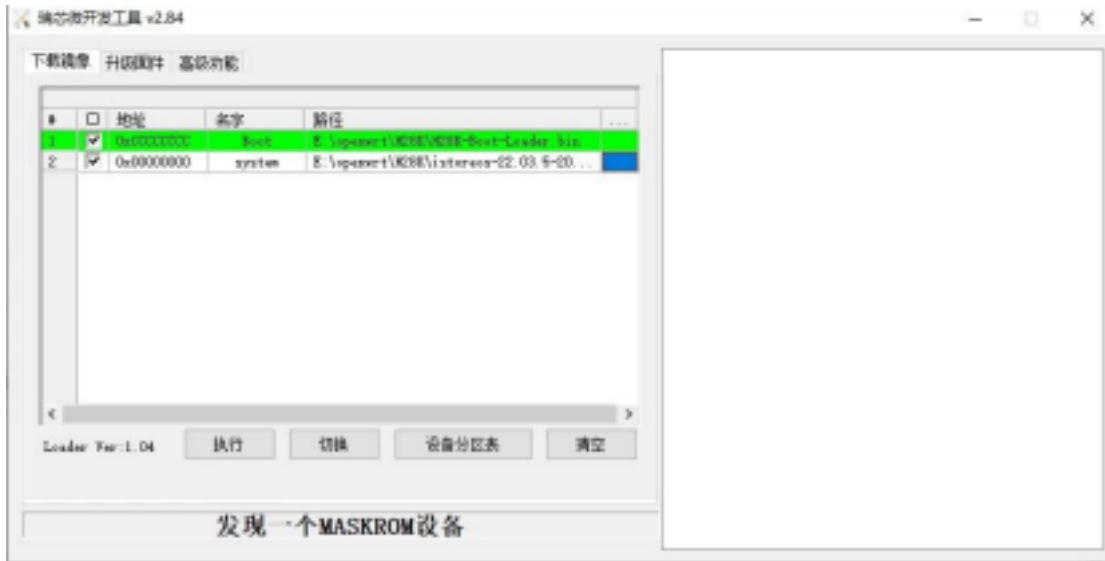Double-click [DriverInstall] in the [DriverAssitant_v5.11] folder

3. Enter Maskrom mode

Unzip RKDevTool_Release_v2.84.zip, enter the RKDevTool_Release_v2.84 folder, and click to open RKDevTool.exe (Rockchip development tool).

1. Disconnect the power supply and all data cables, and take out the TF card.

2. Use a toothpick or pin to insert into the hole with the wrench, and press the button in the hole without releasing it.

3. Use a type-c cable to connect the device to the computer. If you see the words **"Found a MASKROM device/发现一个 MASKROM设备"** in Rockchip's development tools, the connection is successful. At this point you can loosen the jammed pin.

4. Erase Flash

1, in【**Upgrade firmware/升级固件**】Click on the tab **firmware/固件** button, import
H28K-Boot-Loader.bin File
2, and click the **Erase Flash/擦除** button to start erasing flash. After the erasure is successful, a success pop-up box will pop up.

5. Flash the firmware

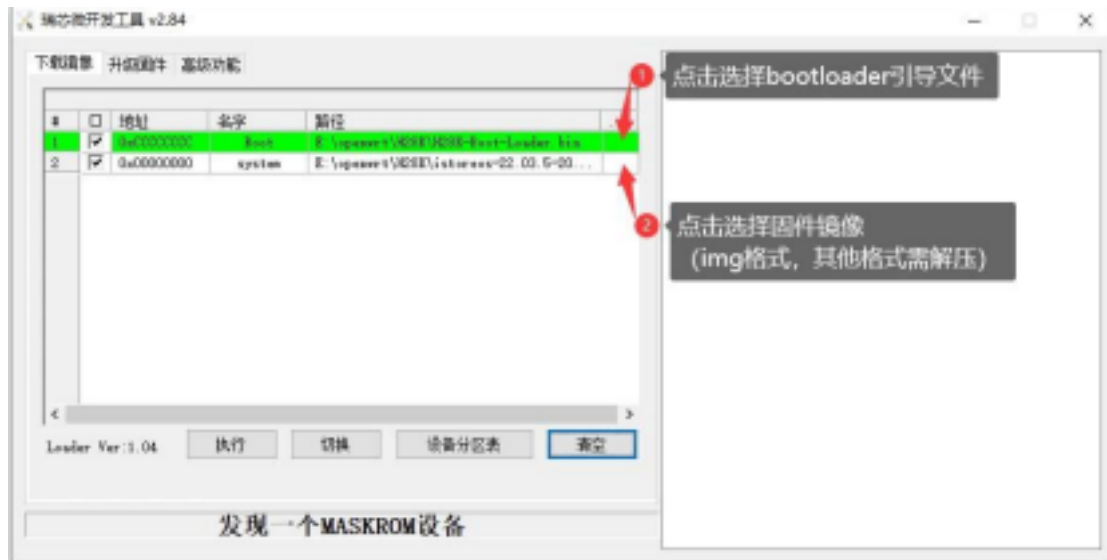## 1. Flashing istoreOS/OpenWrt/Armbian firmware instructions

1.1. Check the firmware image and Boot

File Switch to the [Download Image/下载镜像] tab, check the file paths of the two partitions, and click on the image below to manually select the file.

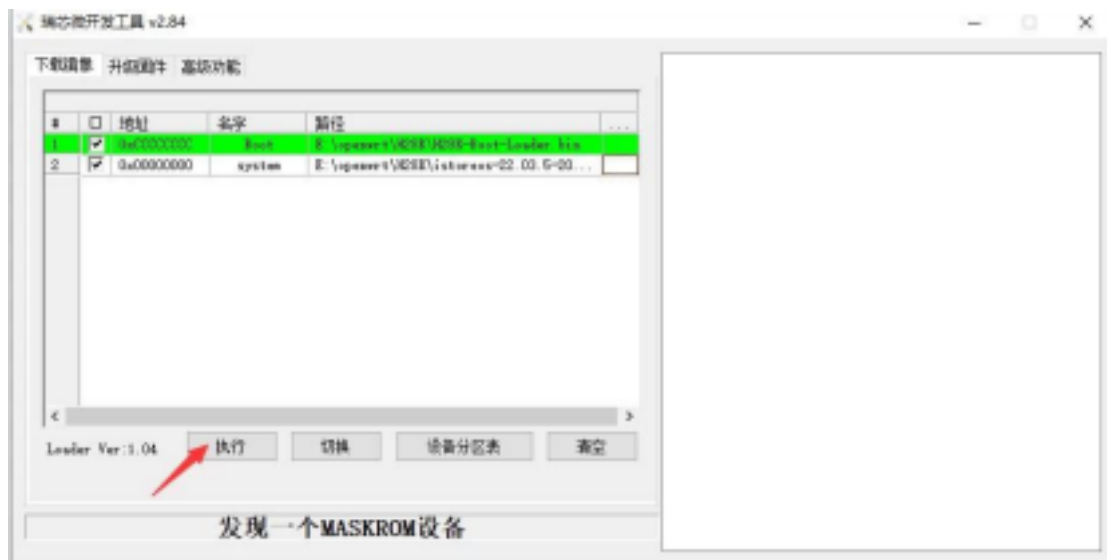- The boot partition file is actually the H28K-Boot-Loader.bin file, which is a boot file.

- The system partition is the istoreOS/OpenWrt/ArmBian image you want to flash.

It is strongly recommended not to use too deep a path, and do not include Chinese characters in the path and file name.

Please note: Firmware is generally in img format, and gz, 7z and other formats are

compressed packages. Please be sure to decompress and flash the img file.

1.2. Start flashing the machine

Click the Execute/执行 button to randomly start flashing the istoreOS/OpenWrt/Armbian system. It should be noted that it needs to be executed in maskrom mode. (If FLASH does not automatically reboot into MASKROM mode after erasing FLASH, please manually enter Maskrom mode again)

1.3. Flashing completed

When the log on the right displays Download completed/下载完成 After that, it means that the flashing has been completed.

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After the flashing is completed, you need to unplug the TYPE-C cable and use the adapter for power supply.

If a TYPE-C computer is used for power supply, the device driver registration may fail due to insufficient power supply.

It will take some time to start the machine using DC power supply. If it cannot start within

5 minutes, try powering off and restarting.