

How to burn the firmware to the TX900

1、 hardware

- 1、 Connect D3 serial port to pc (via USB to serial port cable)
- 2、 Connect the network cable to the pc (it is recommended to configure a static IP address on the pc side, for example, 192.168.1.x)

2、 software

- 1、 Prepare HiTool and image directory

名称	修改日期	类型	大小
HiTool	2023/6/27 17:41	文件夹	
image	2023/6/27 17:41	文件夹	

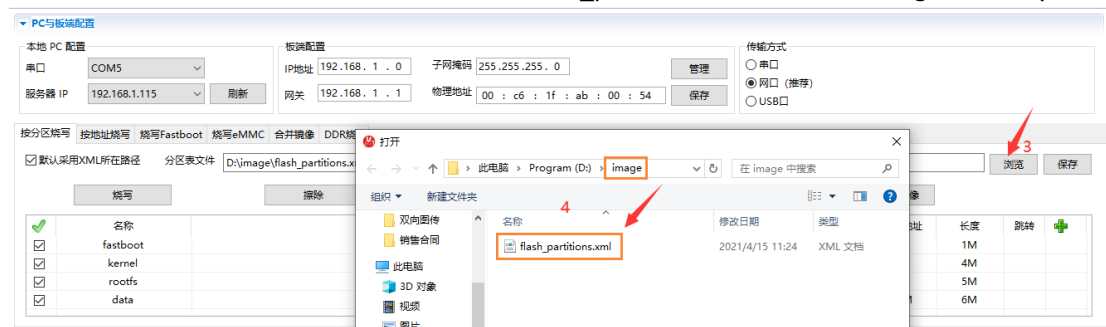
- 2、 Close the serial port debugging assistant, tftpd32, and other software that occupy the serial port and FTP port

3、 operate

- 1、 Run the HiTool.exe file under the HiTool directory, select the transmission method "network port", and serial device (such as COM5, the specific situation is subject to the actual situation of the customer's pc)



- 2、 Click the "Browse" button, and select the flash_partitions.xml file in the image directory in the pop-up dialog box



3. Click the "Program" button, and then power on the device

PC与板级配置

本地 PC 配置: 串口 COM5, 服务器 IP 192.168.1.115, 刷新

板级配置: IP地址 192.168.1.0, 子网掩码 255.255.255.0, 管理, 网关 192.168.1.1, 物理地址 00 : c6 : 1f : ab : 00 : 54, 保存

传输方式: 串口, 网口 (推荐), USB口

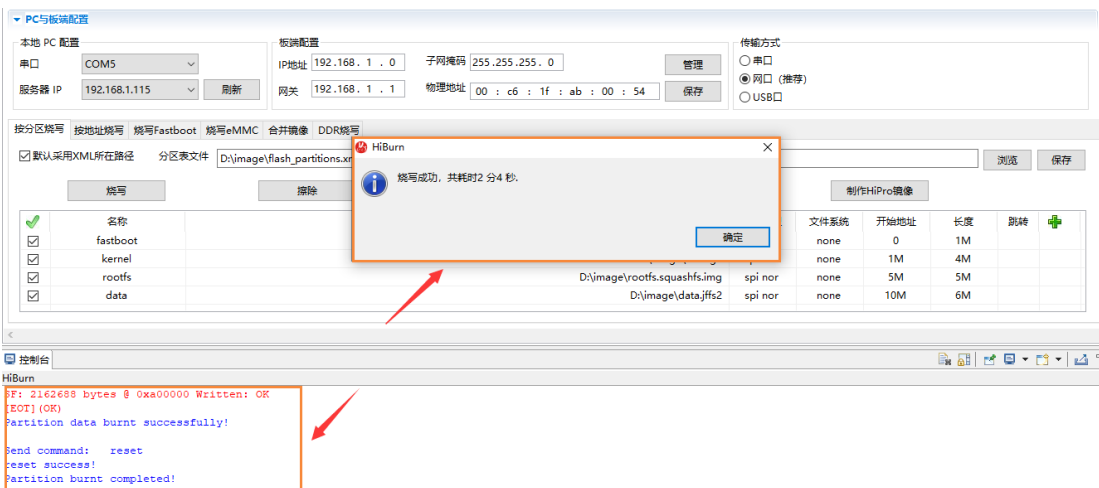
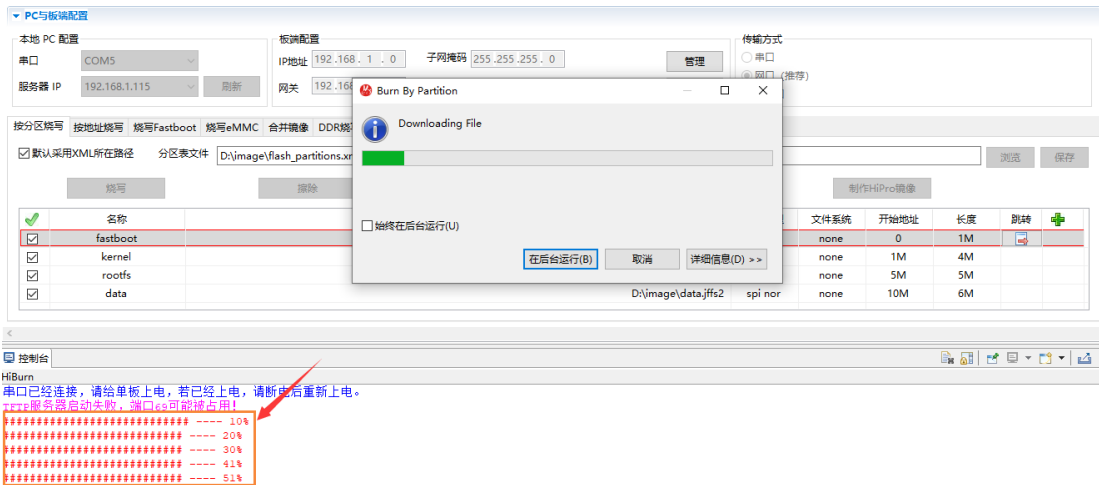
按分区烧写 | 按地址烧写 | 烧写Fastboot | 烧写eMMC | 合并镜像 | DDR烧写

默认采用XML所在路径 分区表文件 D:\image\flash_partitions.xml 浏览 保存

烧写 5 删除 删除全器件 制作Nand烧片器镜像 制作HiPro镜像

名称	文件	器件类型	文件系统	开始地址	长度	跳转
fastboot	D:\image\u-boot-hi3516ev200.bin	spi nor	none	0	1M	
kernel	D:\image\ui\image	spi nor	none	1M	4M	
rootfs	D:\image\rootfs.squashfs.img	spi nor	none	5M	5M	
data	D:\image\data\jffs2	spi nor	none	10M	6M	

4. If everything goes well, you will see a progress bar in the status bar, just wait for the programming to complete



5. After the programming is completed, the device will automatically restart, and the device IP address will be restored to 192.168.1.11. When you in to the web server, you will find that the version is reversed to v1.1



itool download (PC software for burning)

https://drive.google.com/file/d/1bhLtGMdL_HYtfDQ7xEe-hBWFeJHl17g/view?usp=drive_link

image download (firmware for TX900 to be factory default)

https://drive.google.com/file/d/1rThGtul1g2gbFOUg3-AuzG3afvmXNh8u/view?usp=drive_link

Warning

Before downloading and upgrading, please take one minute to confirm with us whether the hardware and firmware are compatible. Without verification, the original machine may be upgraded to the wrong firmware and not turn on. Please be careful!