LAKKA 系统打造树莓派游戏盒子

一． 安装 LAKKA 系统镜像

对 TF 卡格式化，下载镜像，烧入镜像。

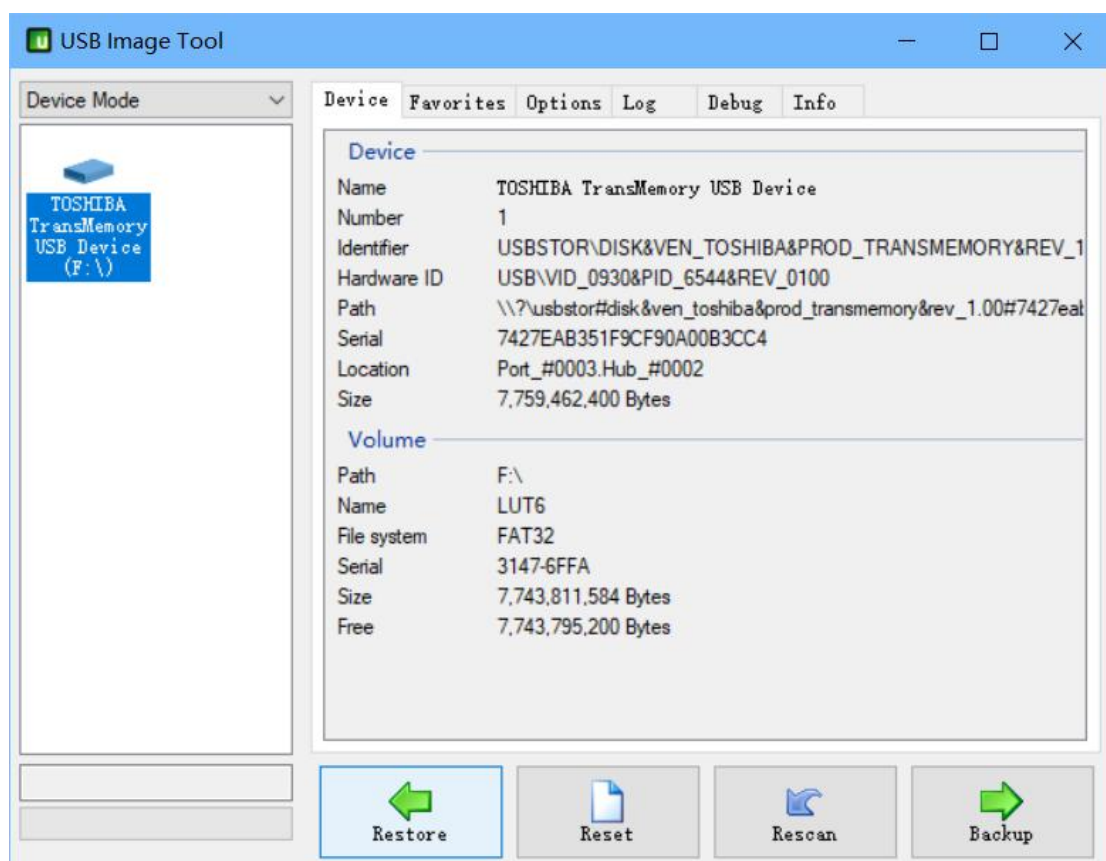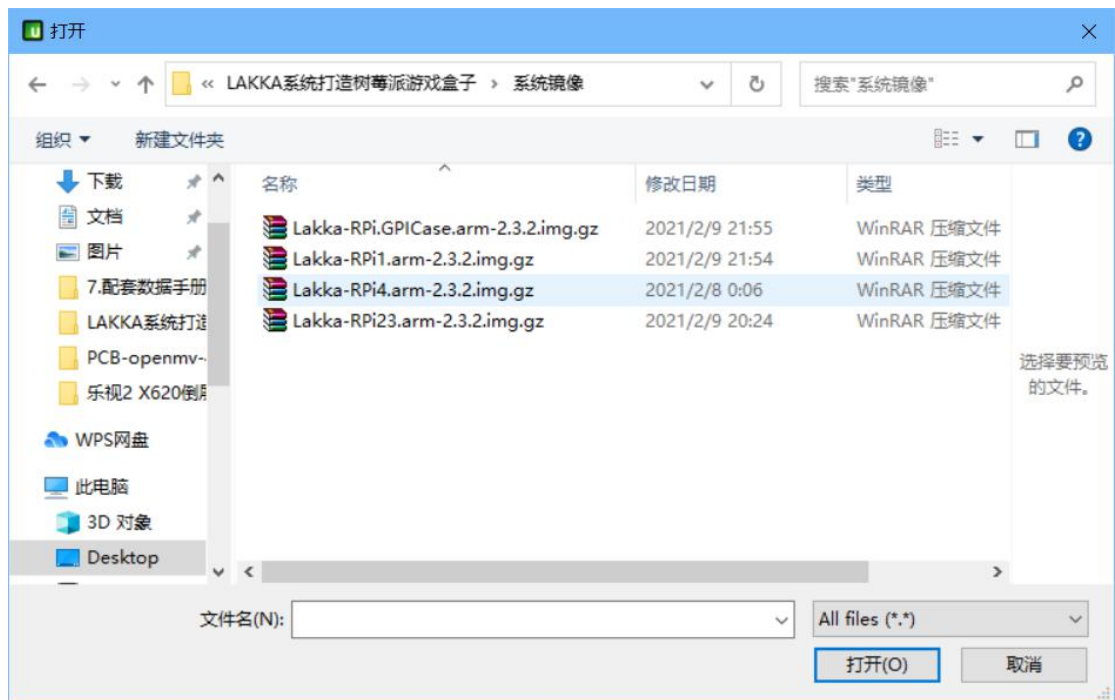Lakka-RPi.GPICase.arm-2.3.2.img.gz　　Lakka-RPi1.arm-2.3.2.img.gz　　Lakka-RPi4.arm-2.3.2.img.gz　　Lakka-RPi23.arm-2.3.2.img.gz
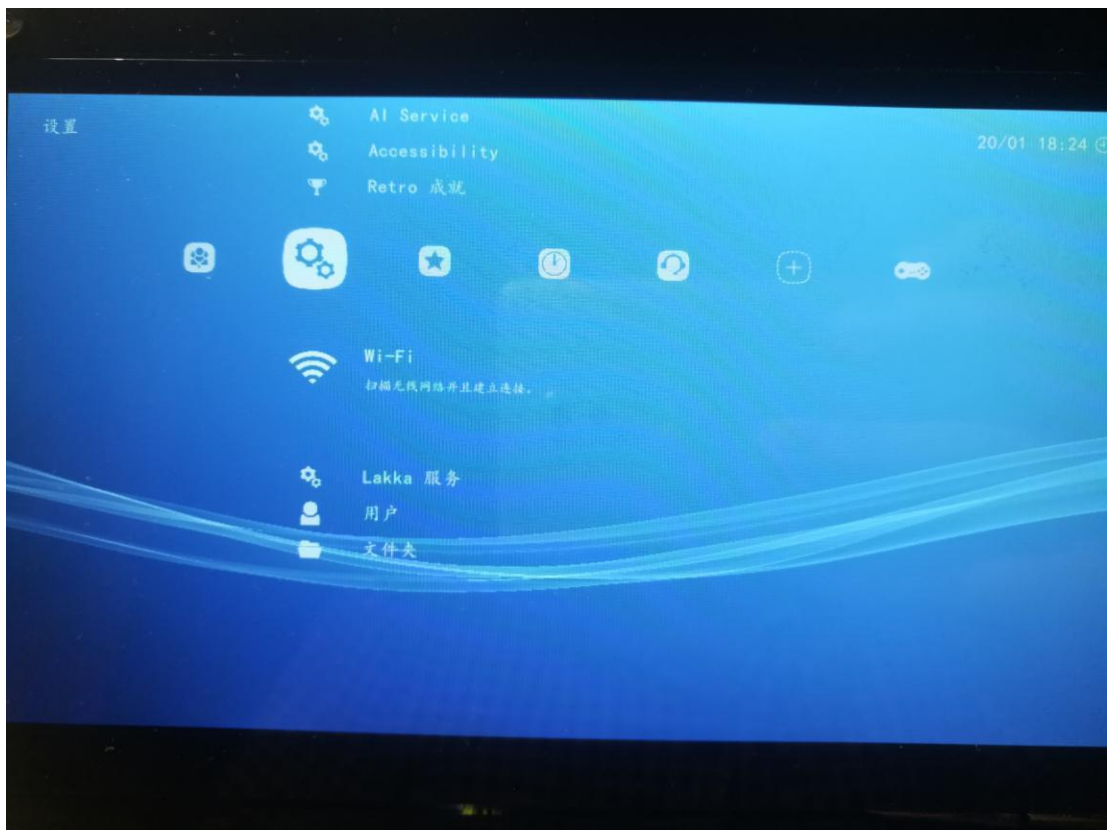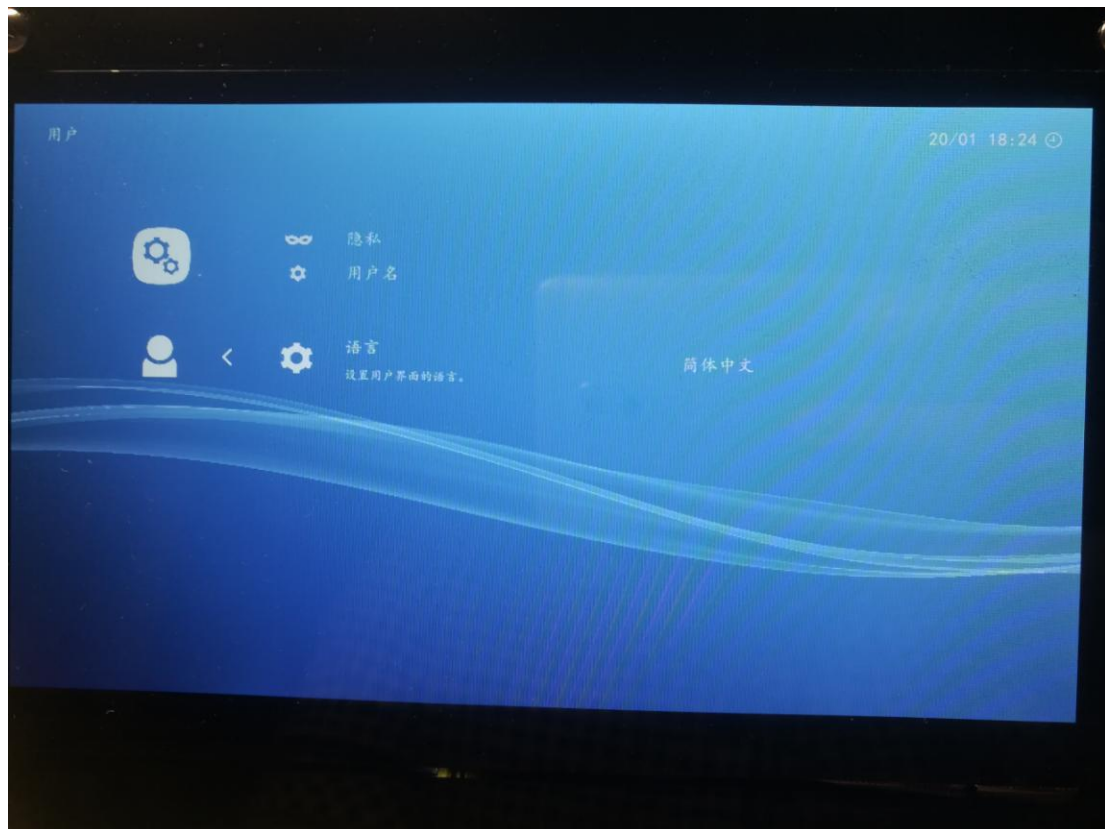
格式化分区(卷) LUT6(F:)   ✕

文件系统: FAT32   ⌄
簇大小: 4096   ⌄
卷标: LUT6

☐ 更改驱动器号: G: ⌄
☐ 扫描坏扇区   ☐ 启用压缩
☐ 建立DOS系统

[   ]

格式化   取消

USB Image Tool   —   □   ✕

Device Mode   ⌄

Device   Favorites   Options   Log   Debug   Info

Device
Name   TOSHIBA TransMemory USB Device
Number   1
Identifier   USBSTOR\DISK&VEN_TOSHIBA&PROD_TRANSMEMORY&REV_1
Hardware ID   USB\VID_0930&PID_6544&REV_0100
Path   \\?\usbstor#disk&ven_toshiba&prod_transmemory&rev_1.00#7427eab
Serial   7427EAB351F9CF90A00B3CC4
Location   Port_#0003.Hub_#0002
Size   7,759,462,400 Bytes

Volume
Path   F:\
Name   LUT6
File system   FAT32
Serial   3147-6FFA
Size   7,743,811,584 Bytes
Free   7,743,795,200 Bytes

TOSHIBA
TransMemory
USB Device
(F:\)

⬅   📄   ↰   ➡
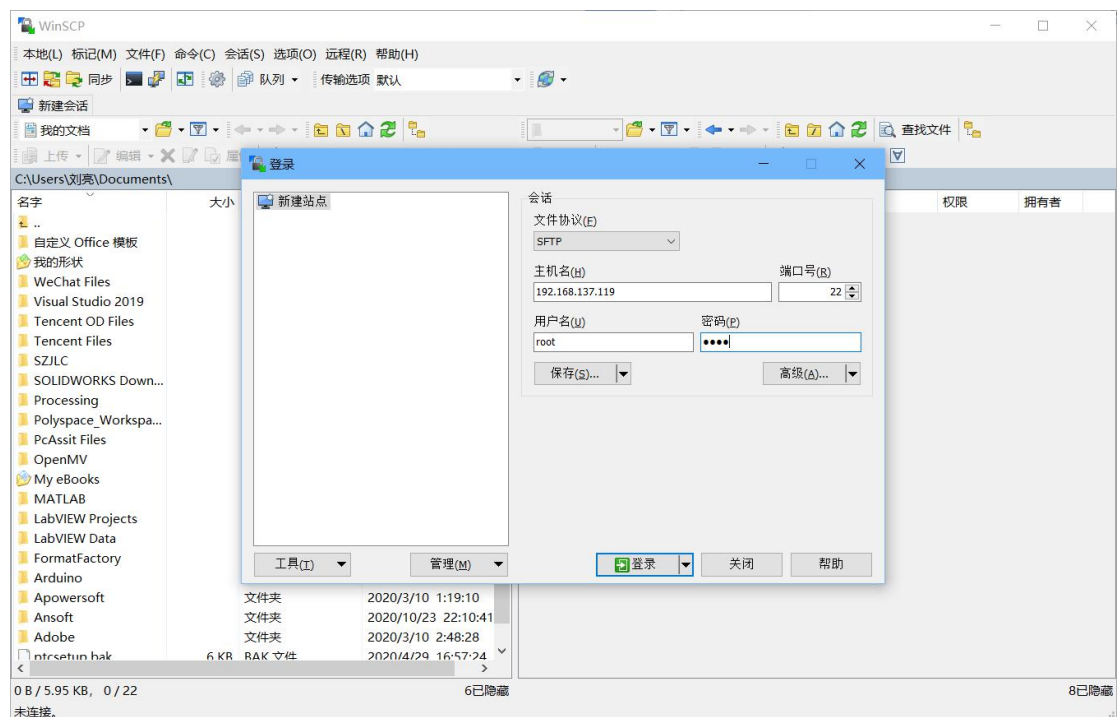Restore   Reset   Rescan   Backup
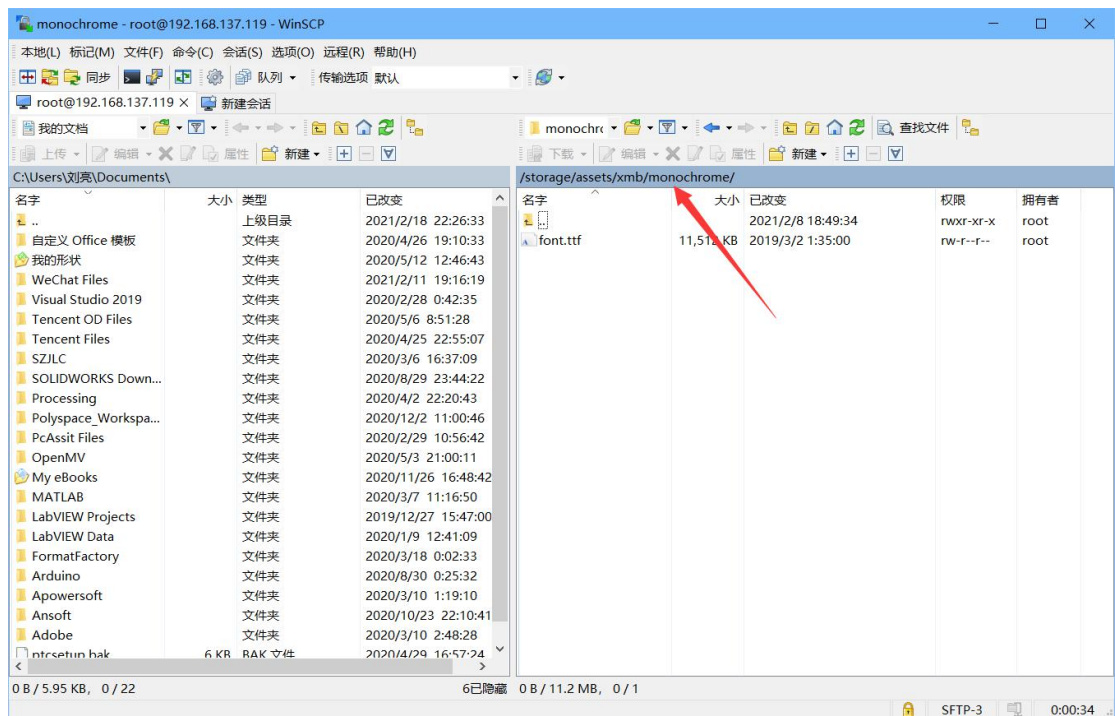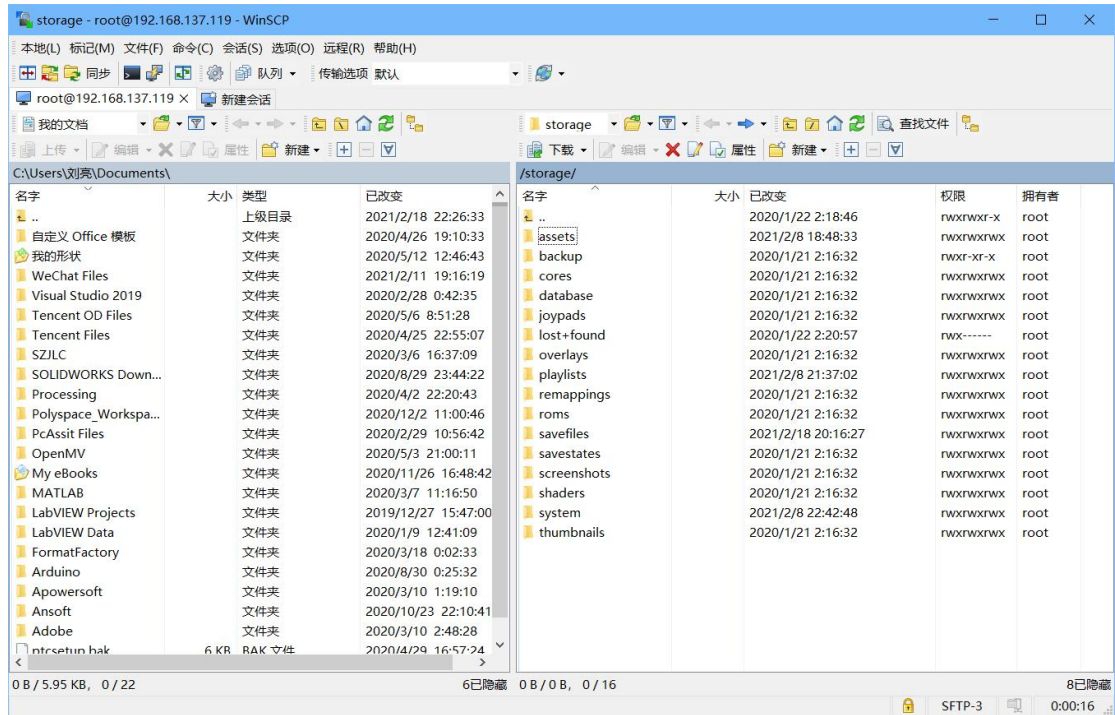
二. 配置 LAKKA 系统基本配置
　　接入基本外设，连接 wifi，启用 ssh 和 samba

三．修改字体(可不做)

　　WinSCP 连接树莓派，用户名密码为 root，/storage/assets/下创建 xmb/monochrome 文件夹，考入系统字体。
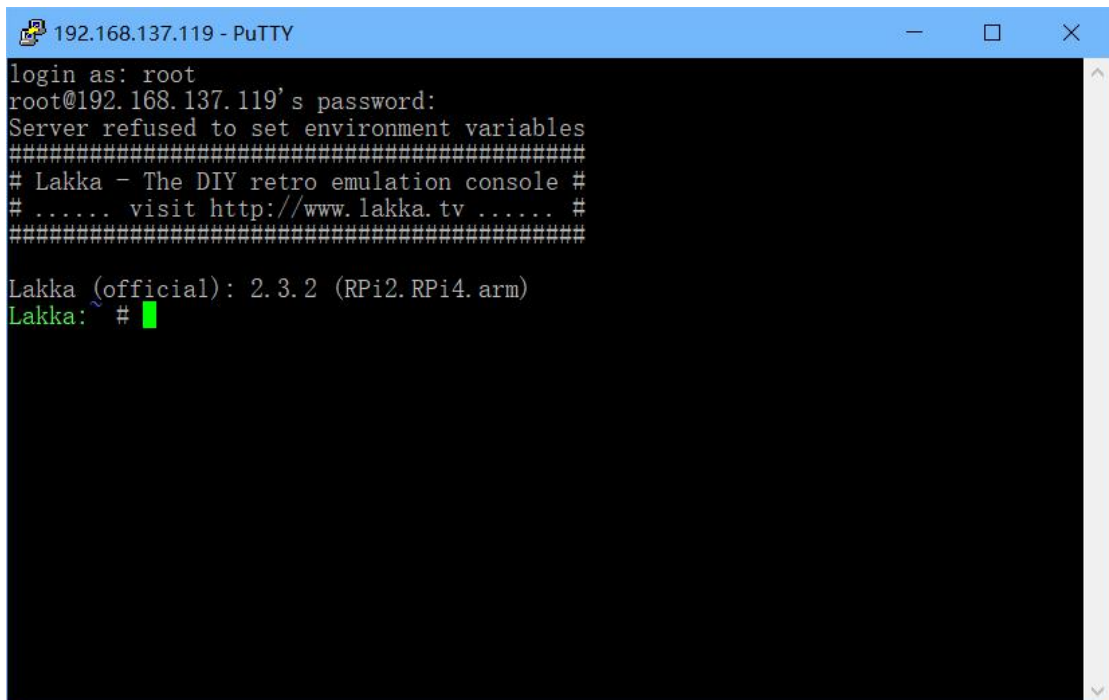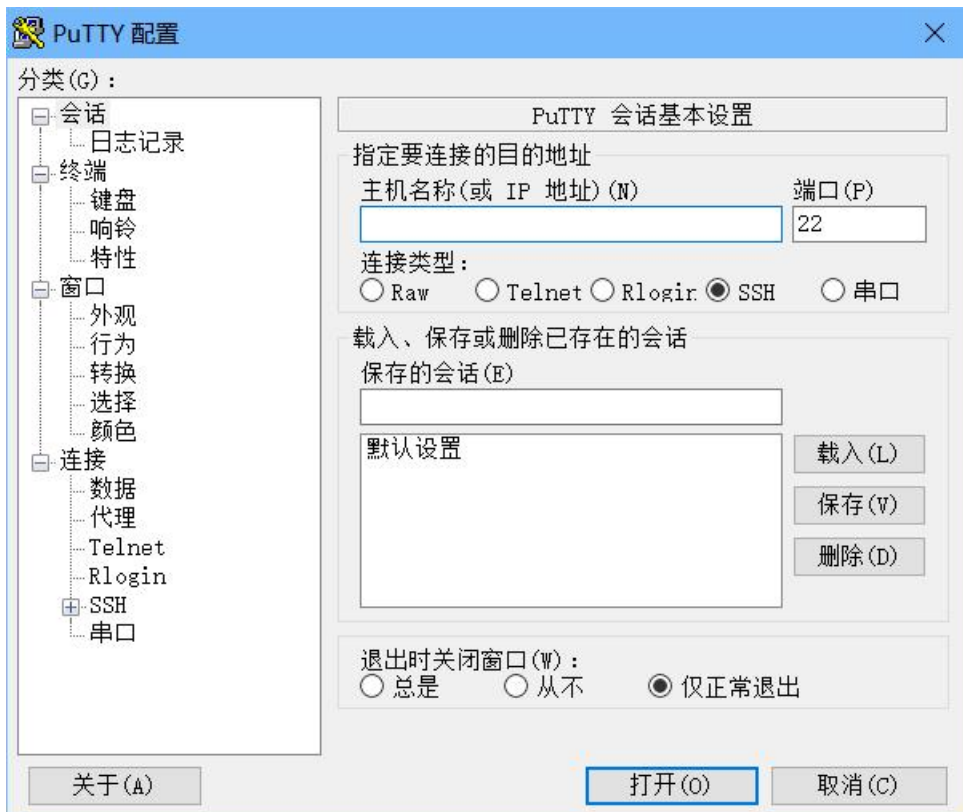
四. 声音输出配置(可不做)

读 TF 卡，找到 config.txt，加入 hdmi_ignore_edid_audio=1

ssh 命令控制树莓派，运行 systemctl stop retroarch 中断系统

执行 aplay -L，发现设备 default:CARD=ALSA 正常

执行 vi /storage/.config/retroarch/retroarch.cfg

将 audio_device 改为

audio_device="default:CARD=ALSA"

按 Esc 退出，输入:wq 退出

执行 systemctl start retroarch 让系统继续运行

```
login as: root
root@192.168.137.119's password:
Server refused to set environment variables
############################################
# Lakka - The DIY retro emulation console #
# ...... visit http://www.lakka.tv ...... #
############################################

Lakka (official): 2.3.2 (RPi2.RPi4.arm)
Lakka:~ # systemctl stop retroarch
Lakka:~ # aplay -L
null
    Discard all samples (playback) or generate zero samples (capture)
default:CARD=ALSA
    bcm2835 ALSA, bcm2835 ALSA
    Default Audio Device
sysdefault:CARD=ALSA
    bcm2835 ALSA, bcm2835 ALSA
    Default Audio Device
iec958:CARD=ALSA,DEV=0
    bcm2835 ALSA, bcm2835 IEC958/HDMI
    IEC958 (S/PDIF) Digital Audio Output
Lakka:~ # █
```
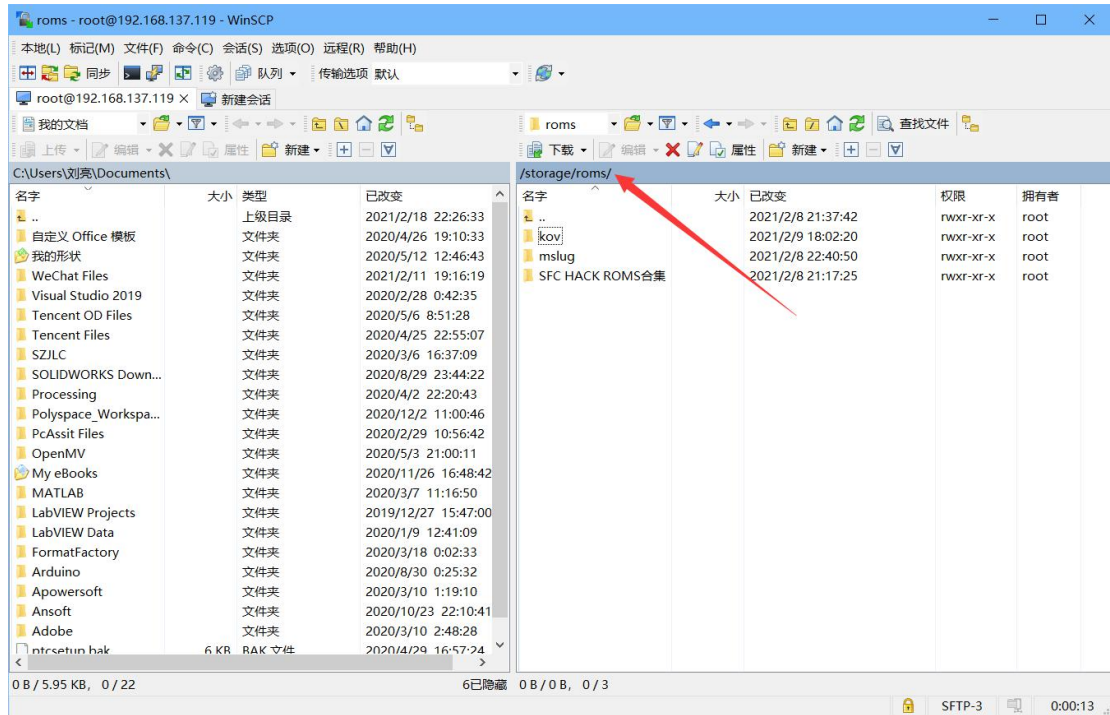
```
    bcm2835 ALSA, bcm2835 IEC958/HDMI
    IEC958 (S/PDIF) Digital Audio Output
Lakka:~ # vi /storage/.config/retroarch/retroarch.cfg
accessibility_enable = "false"
accessibility_narrator_speech_speed = "5"
ai_service_enable = "false"
ai_service_mode = "0"
ai_service_pause = "false"
ai_service_source_lang = "0"
ai_service_target_lang = "0"
ai_service_url = "http://localhost:4404/"
all_users_control_menu = "true"
apply_cheats_after_load = "false"
apply_cheats_after_toggle = "false"
aspect_ratio_index = "22"
assets_directory = "/tmp/assets"
audio_block_frames = "0"
audio_device = "default:CARD=ALSA"
audio_driver = "alsathread"
audio_dsp_plugin = ""
audio_enable = "true"
audio_enable_menu = "false"
audio_enable_menu_bgm = "false"
audio_enable_menu_cancel = "false"
```

五．WinSCP 连接树莓派，将游戏 ROM 考入 LAKKA 系统 ROM 文件夹

六．配置键位，加载游戏

　　本教程如有问题之处，请联系作者本人。QQ:1920108735

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2021 年 2 月 19 日

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