RTX-VSMS-SB

Start-Up Guide with Net

V0.0.1

Introduction

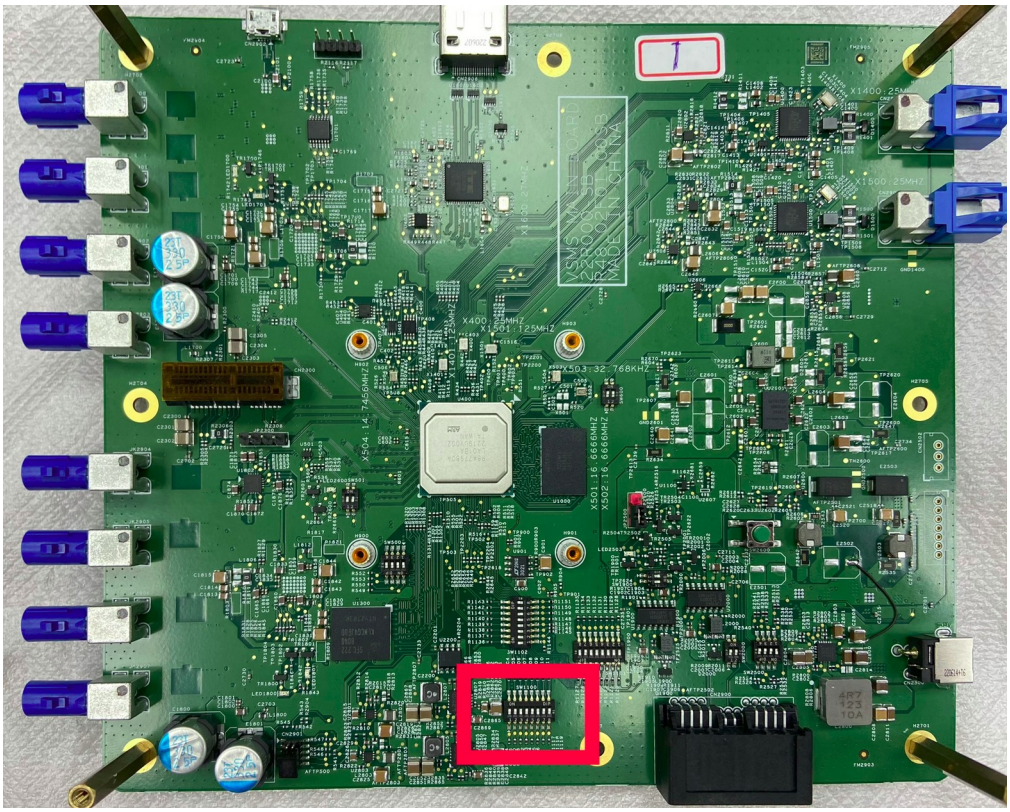
此文件說明 VSMS 電路板生產完後,如何燒錄必要 bin 檔及進入 NFS Rootfs 中。

OS：Ubunru

1. Enter Download Mode

Dip switch configuration for download mode

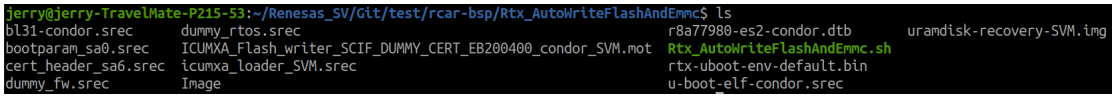
SW Number	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
SW1100	OFF	OFF	OFF	OFF	ON	OFF	ON	ON



2. Clone RTX Auto Write Tool

將 Tool clone 下來

git clone https://github.com/RetronixTechInc/rcar-bsp.git -b main_sb



3. 插上電源及 Debug 線

4. 開始燒錄

進到 Rtx_AutoWriteFlashAndEmmc 資料夾執行下面指令, **燒錄時間約莫 5 分 45 秒**.

```
$ ./Rtx_AutoWriteFlashAndEmmc.sh all
```

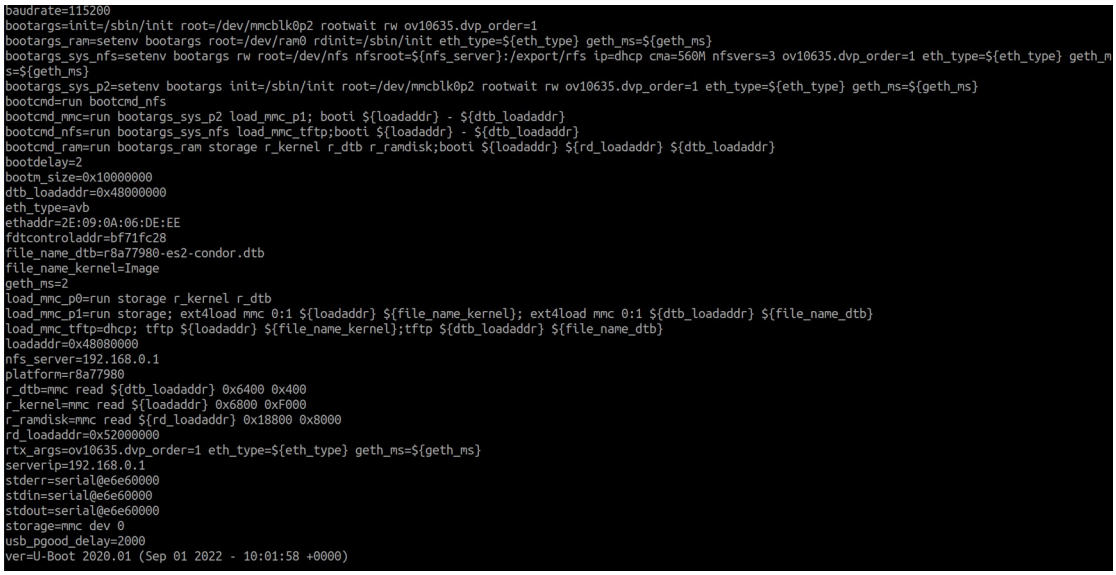
5. Enter Boot Mode

Dip switch configuration for Boot mode

SW Number	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
SW1100	ON	ON	OFF	ON	ON	OFF	ON	ON

6. 調整 NFS Server IP

進設定 U-Boot 參數畫面



假設

NFS Server ip 為 192.168.3.127,

TFTP Server ip 為 192.168.3.127,

設定如下面指令, 並儲存

```
=> setenv serverip ‘192.168.3.127’
=> setenv nfs_server  ‘192.168.3.127’
=> saveenv
```

ps :

* NFS Server 預設路徑為/export/rfs

* Default Kernel 檔名為 Image

* Default DTB 檔名為 r8a77980-es2-condor.dtb

7. 完成

重開機後, 即會進入 NFS Server 中.