



Vonino

Zun XS Firmware Upgrade Procedure

1. What you will need:



Zun XS

— Data Cable —



PC

- Driver
- Firmware writing software, SP Flash Tool.
- IMEI writing software.
- Firmware.
- Personal computer that runs Windows 7 or a later operating system.
- Data cable.

2. Precautions:

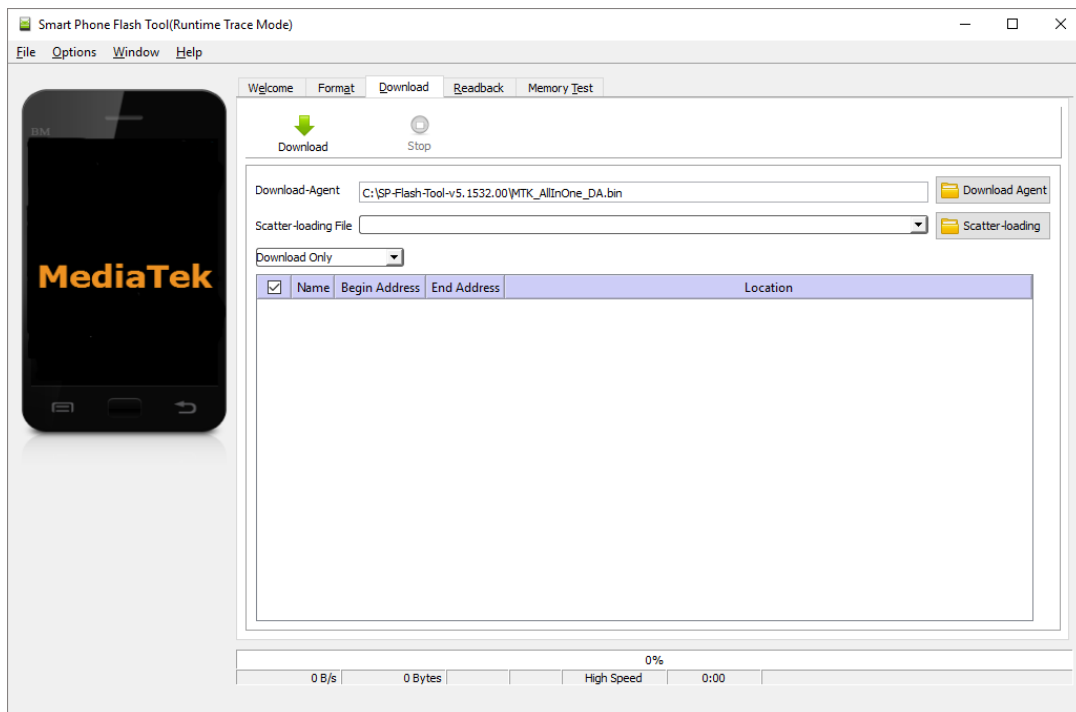
- The device should have at least 30% battery charge.
- **It is recommended that all personal information (pictures, videos, music, other files) be saved as the firmware upgrade procedure wipes the internal memory of the device.**
- The software version presented in this document is just for the purpose of exemplifying.
Use the firmware for your particular device and check that it is the latest version for your device.
- The device will not be usable during the firmware upgrade procedure.
- **DO NOT DISCONNECT** your Vonino device during the firmware upgrade procedure.

3. Driver Installation

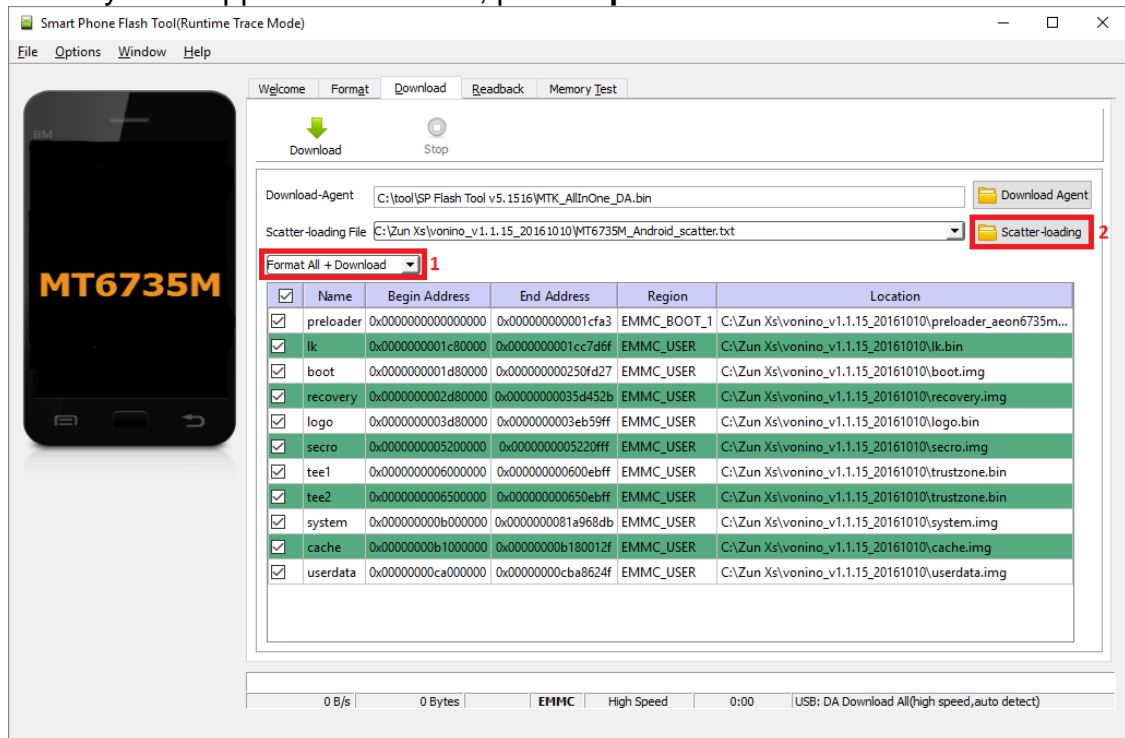
- a. Download the **MTK Driver Auto Installer.zip** from the Vonino Support site: http://ftp.vonino.org/public/Firmware/01_GENERAL_DRIVERS_FOR_MTK/ ;
- b. Unzip **MTK Driver Auto Installer.zip**;
- c. Run the **Mediatek-Drivers-Install.bat** program and follow the on-screen commands.

4. Installing the Firmware

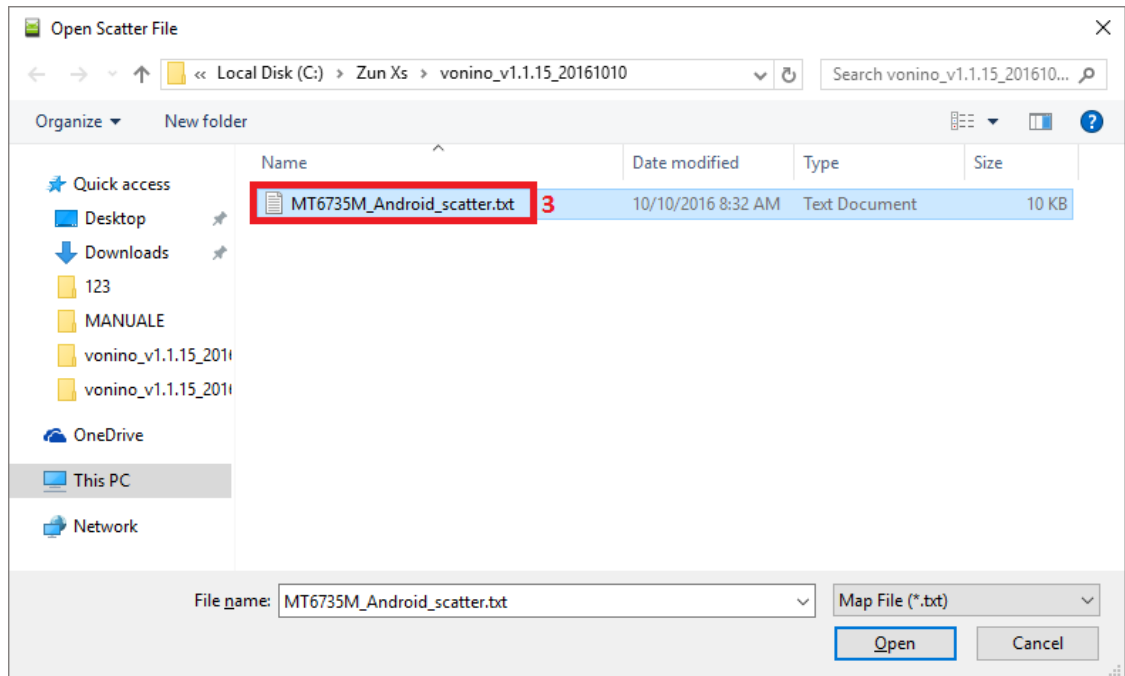
- a. Download the latest firmware version from:
ftp://ftp.vonino.org/public/Firmware/02_GENERAL_FLASH_KIT/
- b. Download the [SP-Flash-Tool-v5.1532.00.rar](http://ftp.vonino.org/public/Firmware/02_GENERAL_FLASH_KIT/) program in order to write the firmware.
http://ftp.vonino.org/public/Firmware/02_GENERAL_FLASH_KIT/
- c. Unzip the **SP-Flash-Tool-v5.1532.00.rar** archive.
- d. Run the **flash_tool.exe** executable from the directory in which you unzipped the archive for SP Flash Tool.



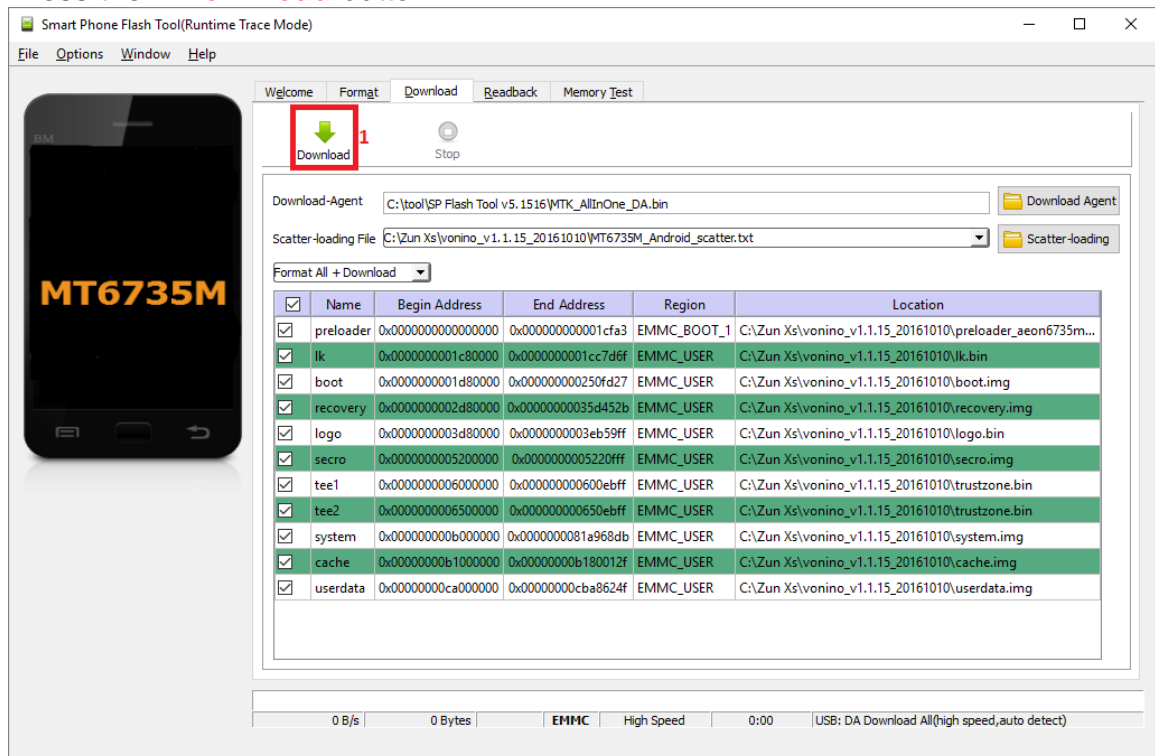
- e. Select **1.Format All + Download** from the drop-down menu, click on **2.Scatter-loading** and choose the **3.MT6753_Android_scatter.txt** file from the directory where you unzipped the firmware, press **Open**.



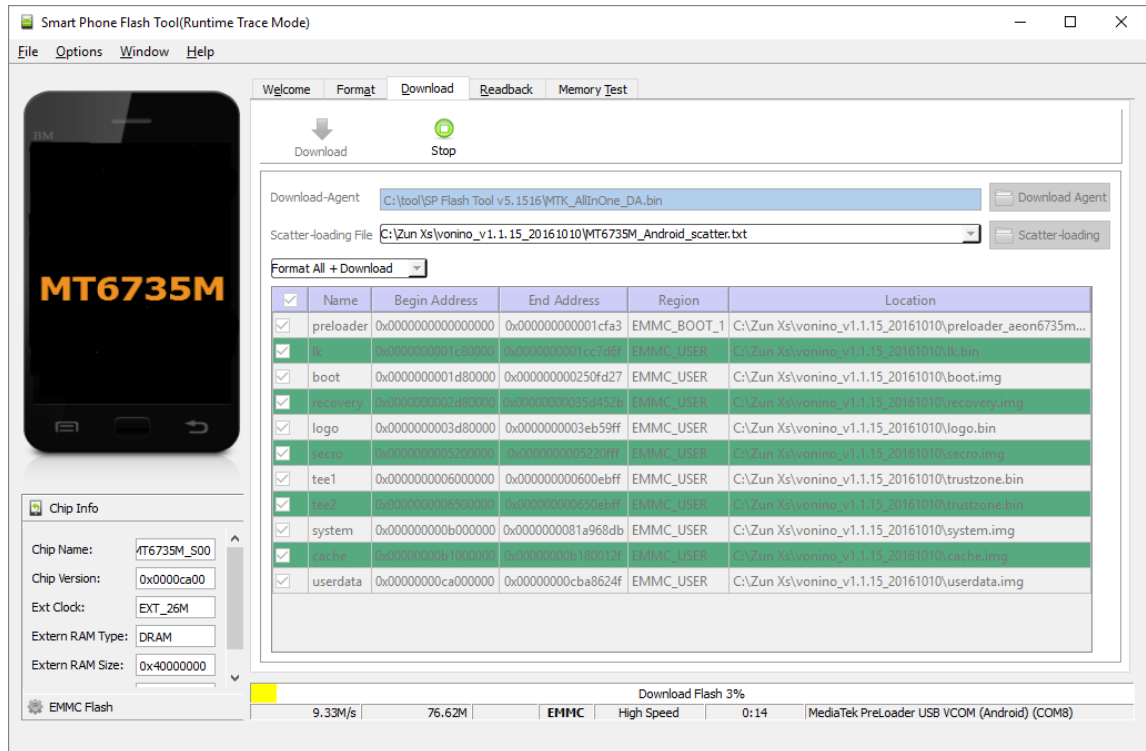
ATTENTION!! You should always choose FORMAT + DOWNLOAD.



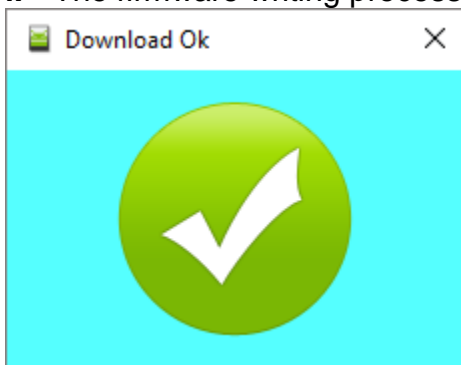
f. Press the **1.Download** button:



- g. Power down the phone and connect it through the data cable to the computer.
- h. The firmware writing process will begin.



i. The firmware writing process is over when the following pop-up appears:



After the firmware writing process is completed you must also write the IMEI series of the device and it's Wi-Fi and Bluetooth physical addresses (MAC).

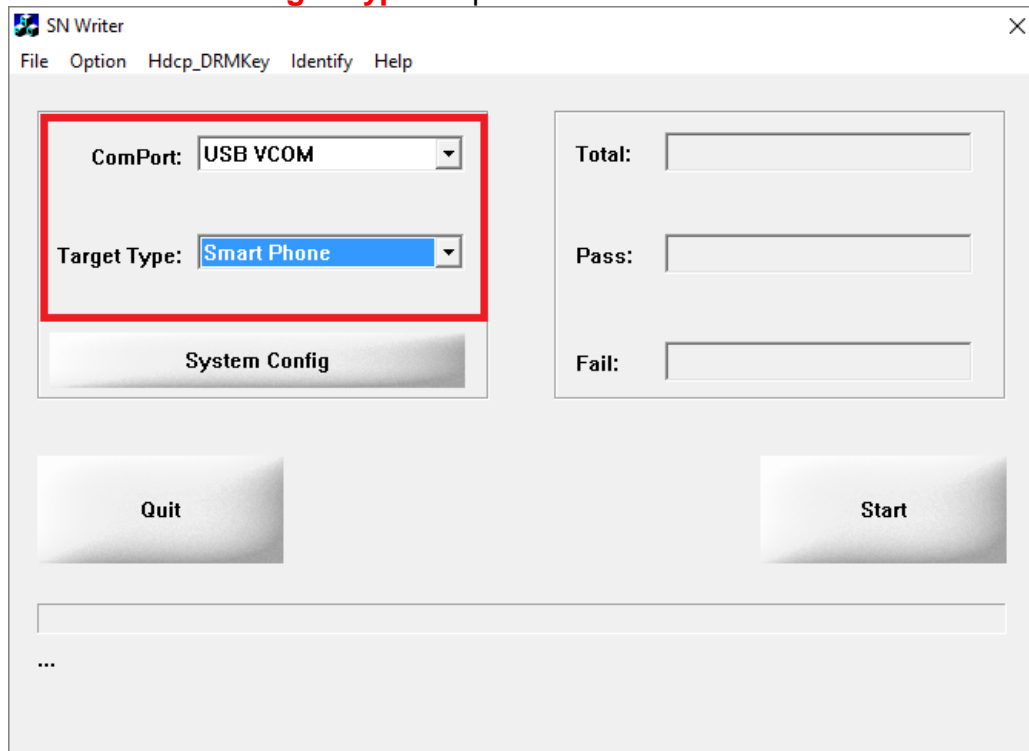
5. Writing the IMEI series and the Wi-Fi, Bluetooth physical addresses.

a. Download the following program [SN Write tool exe v1.1516.00.rar](#) in order to write the IME and physical addresses from:

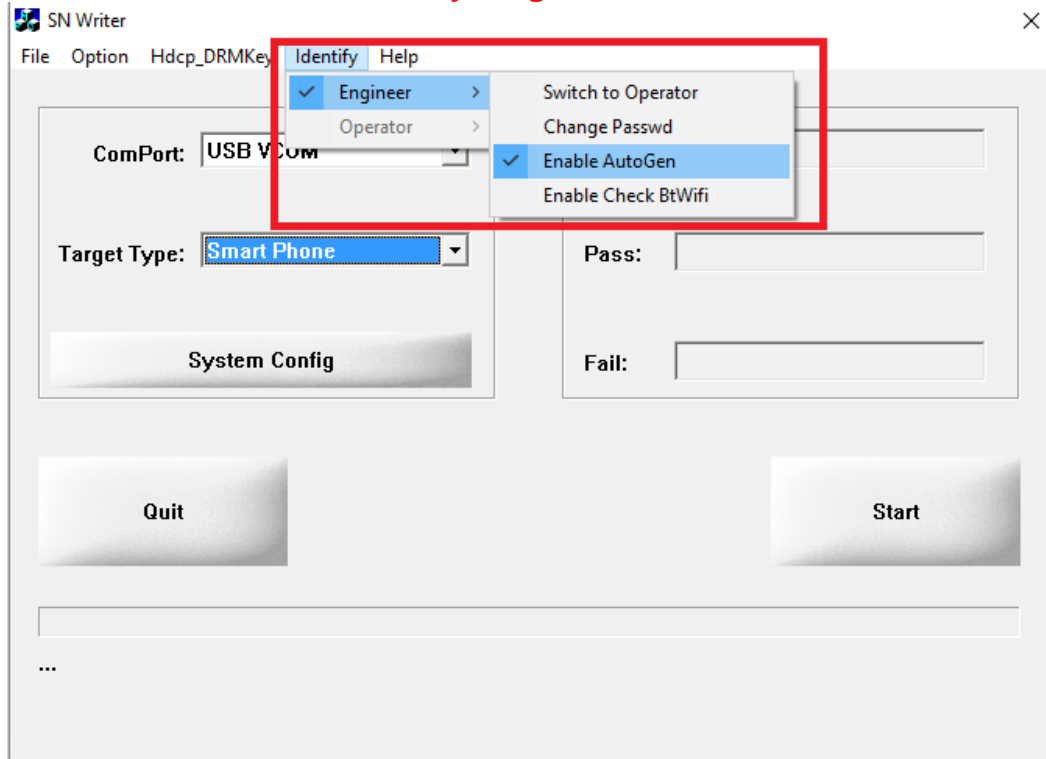
ftp://ftp.vonino.org/public/Firmware/02_GENERAL_FLASH_KIT/

b. Unzip the archive and run **SN Writer.exe** located in the **SN_Write_tool_exe_v1.1516.00\Output** folder from the unzip location.

c. From the **ComPort** drop down select **USB VCOM** and from the **Target Type** drop down select **Smart Phone**.



d. Select **Identify>Engineer>Enable AutoGen**



e. Check the **Wi-Fi** checkbox and press **Ok**;

AutoGen Config

Enable AutoGen

Barcode
 IMEI
 BT
 Wifi
 Ethernet
 DRMKey MCID

Barcode

Start: 1234

End: 4000000000000000

Next: 30ed

Step: 1

Increase radix

Denary
 Hexadecimal

IMEI

Start: 123456789100000

End: 223456789200000

Next: 123460000000269

Step: 1

BT Address

Start: 123456789A00

End: 223456789A01

Next: 123456789a16

Step: 1

Wifi Address

Start: 10720D39012A

End: 70720D39012C

Next: 20720d390144

Step: 2

Ethernet Mac Address

Start: 111111111111

End: 222222222222

Next: 123460000002

Step: 1

DRMKey MCID

Start: 11111111111111111111111111111111

End: 22222222222222222222222222222222

Next: 11111111111111111111111111111111

Step: 1

Cancel **OK**

f. Press on the **System Config** button.

SN Writer

File Option Hdcp_DRMKey Identify Help

ComPort: USB VCOM

Target Type: **Feature Phone**

System Config

Total:

Pass:

Fail:

Quit Start

...

- g. In the **Write Option** list check the **IMEI** and **Wifi Address** checkboxes. In the **IMEI Option** list only check **IMEI CheckSum** and **Dual IMEI**.

System Config
✕

Write Option

Barcode

IMEI

BT Address

Wifi Address

Wifi EPPCopy

Ethernet Mac Address

DRMkey MCID

IMEI Option

IMEI CheckSum

IMEI Lock

Dual IMEI

DualIMEI Same

Three IMEI

Four IMEI

CurTemperature

20.3 iæ

Header Option

Barc Header: On/Off

BT Header: On/Off

Wifi Header: On/Off

IMEI_1 Header: On/Off

IMEI_2 Header: On/Off

IMEI_3 Header: On/Off

IMEI_4 Header: On/Off

Serial Header: On/Off

Ethernet Header: On/Off

MCID Header: On/Off

DataBase File

- h. From the DataBase File section, press the **MD1_DB** button. Navigate to the location of your firmware folder and upload the file starting with BPLGUI for example:

BPLGUIInfoCustomAppSrcP_MT6735_S00_MOLY_LR9_W1444_MD_LWTG_MP_V90_P1_1_lwg_n

System Config

Write Option

- Barcode
- IMEI
- BT Address
- Wifi Address
- Wifi EPPCopy
- Ethernet Mac Address
- DRMkey MCID

Header Option

- Barc Header: On/Off
- BT Header: On/Off
- Wifi Header: On/Off
- IMEI_1 Header: On/Off
- IMEI_2 Header: On/Off
- IMEI_3 Header: On/Off
- IMEI_4 Header: On/Off
- Serial Header: On/Off
- Ethernet Header: On/Off
- MCID Header: On/Off

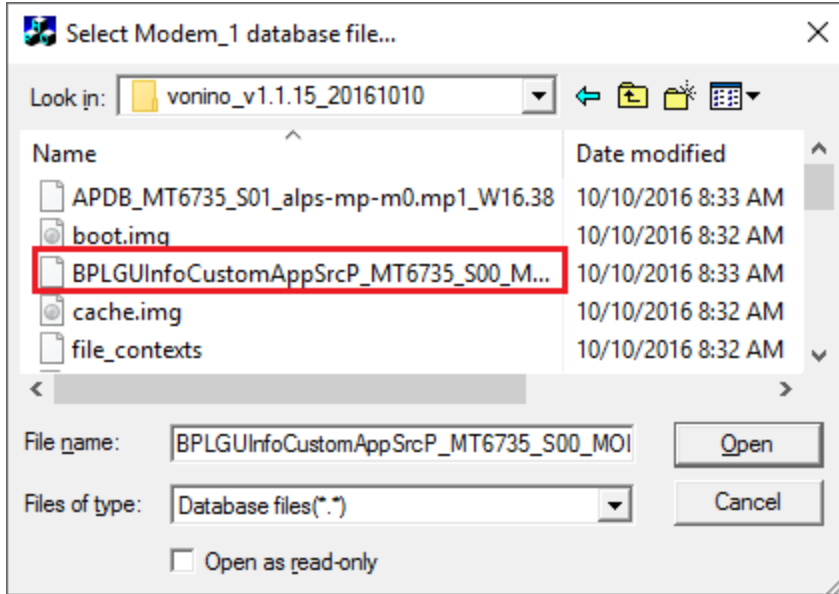
IMEI Option

- IMEI CheckSum
- IMEI Lock
- Dual IMEI
 - DualIMEI Same
- Three IMEI
- Four IMEI
- CurTemperature
 - iæ

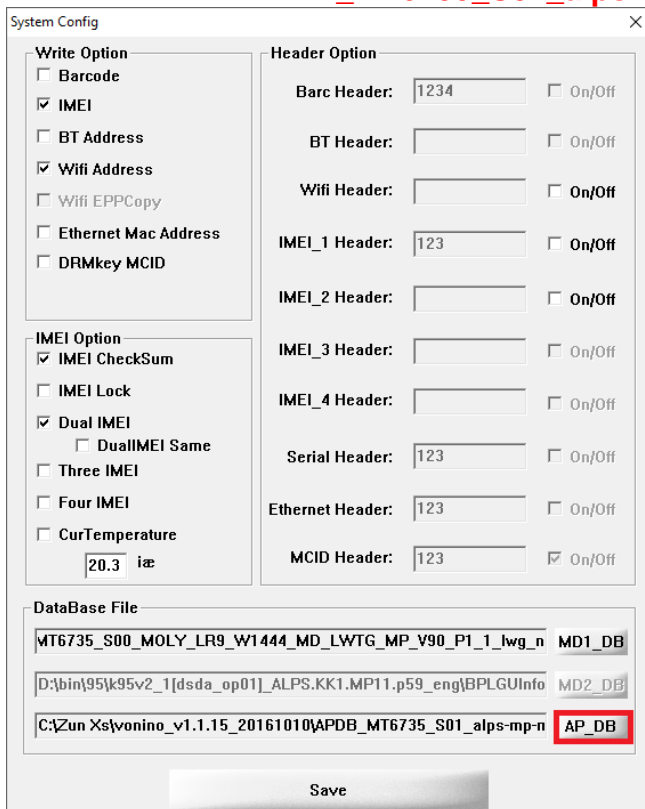
DataBase File

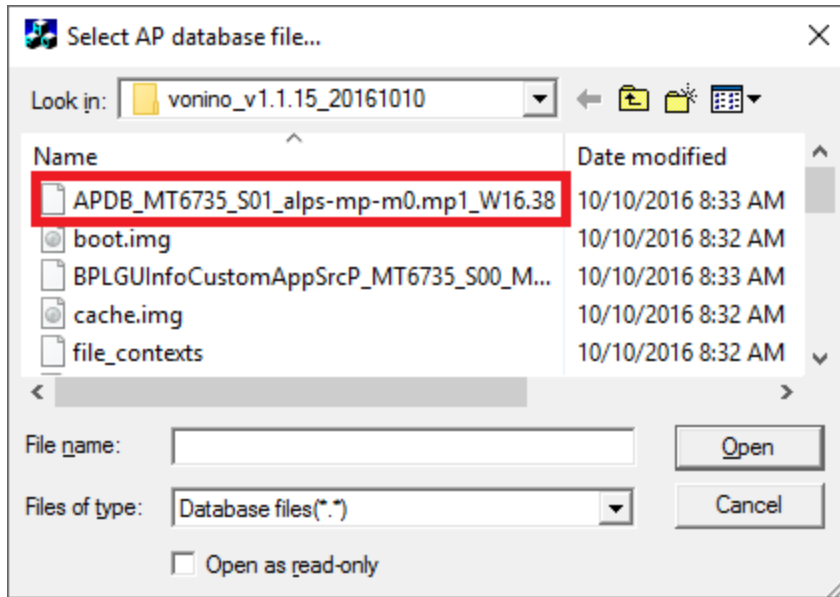
MT6735_S00_MOLY_LR9_W1444_MD_LWTG_MP_V90_P1_1_lwg_n	MD1_DB
D:\bin\95\k95v2_1[dsda_op01]_ALPS.KK1.MP11.p59_eng\BPLGUIInfo	MD2_DB
C:\VONINO\SOFT\Zun_XS\32_b1\vonino_v1.1.15_20161010\APDB_M	AP_DB

Save

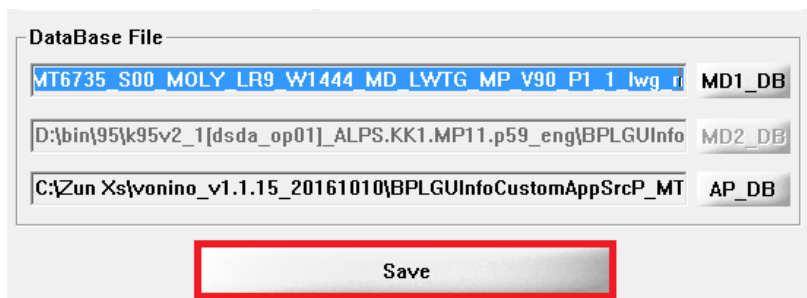


- i. Press the AP_DB button navigate to the location of your firmware folder and upload the file starting with APDB for example:
APDB_MT6735_S01_alps-mp-m0.mp1_W16.38

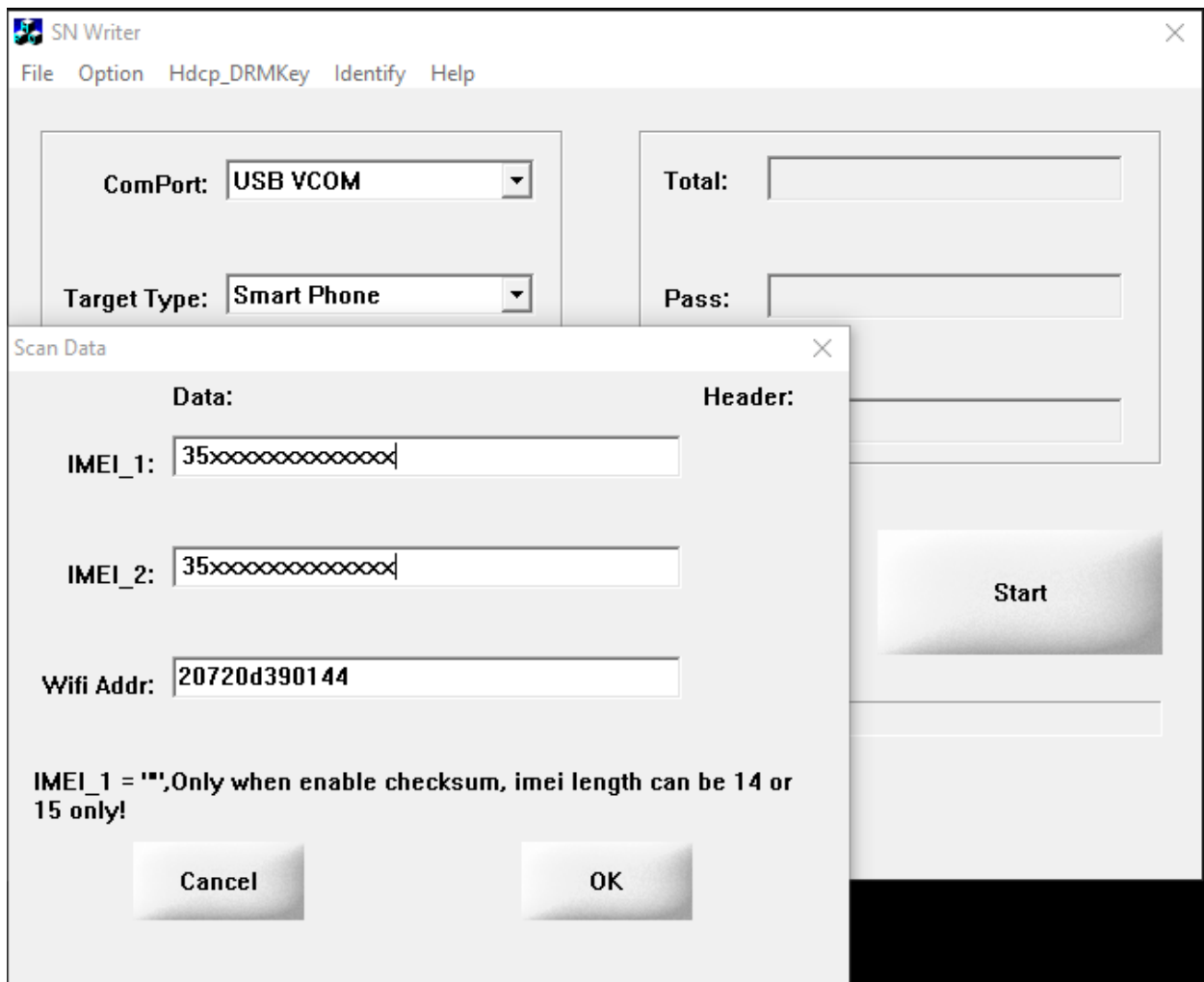




j. After selecting the **MD1_DB** and **AP_DB** databases press **Save**.



- k. Press the **Start** button and in the following pop-up window write the **IMEI_1** and **IMEI_2** values located on the sticker from the back of the phone (under the battery), after this press the **OK** button.



- I. After the **IMEI/Wi-Fi/Bluetooth** writing process has finished a green **PASS** will appear.

