

## DWR-720PW T1 3G FLLA PHONE Firmware Update via Windows 7 and earlier

Tools required for phone update:

1x PC or laptop running on Windows

1x USB cable (USB to micro USB) – Picture reference below



- 1) Download the phone update package depending on your hardware version, either the **version B** or **version E**. If your SN is JX2BAIBC093401 onwards, chances it is version **E**.

**Link to the phone update tool and firmware:** <http://downloads.d-link.co.za/DWR/dwr720pw/T1/firmware/>

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
<a href="#">Parent Directory</a>	-	-	-
<a href="#">DWR-720PW-T1-BASE 04.&gt;</a>	2020-04-14 13:53	206M	
<a href="#">DWR-720PW-T1-BASE 04.&gt;</a>	2020-04-14 13:50	247M	
<a href="#">NB !! READ FIRST !!.&gt;</a>	2020-04-14 15:06	1.1M	
<a href="#">NB !! READ FIRST !!.&gt;</a>	2020-04-14 15:05	327K	

- 2) Extract/Unzip all files to the same folder like below (example used is version B)

Name	Type	Size
img_na721 B1258	File folder	
SmartPhoneDriver	File folder	
SP_Flash_Tool_exe_Windows_v5.1520.00.000	File folder	
Credits	Text Document	1 KB
Mediatek-Drivers-Install	Windows Batch File	2 KB
Mediatek-Drivers-Remove	Windows Batch File	3 KB
ReadMe	Text Document	1 KB

- 3) Select Mediatek-Drivers-Install and run the installation. Follow the instructions on screen.

```
**** Mediatek USB Driver Install v. 1.00

OS detected           = Windows 8.1
Processor architecture = AMD64

#### Press any key to continue ####
```

4) Once installation is completed, you'll be presented with the below screen.

```
**** Mediatek USB Driver Install v. 1.00

OS detected      = Windows 8.1
Platform detected = AMD64
Driver folder    = C:\Users\

**** Mediatek USB unsigned driver installation started...
**** Mediatek USB unsigned driver installation completed!

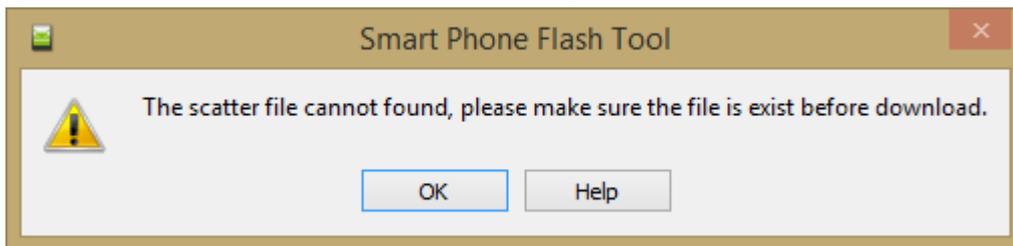
**** Mediatek USB signed driver installation started...
**** Mediatek USB signed driver installation completed!

#### Press any key to exit ####
```

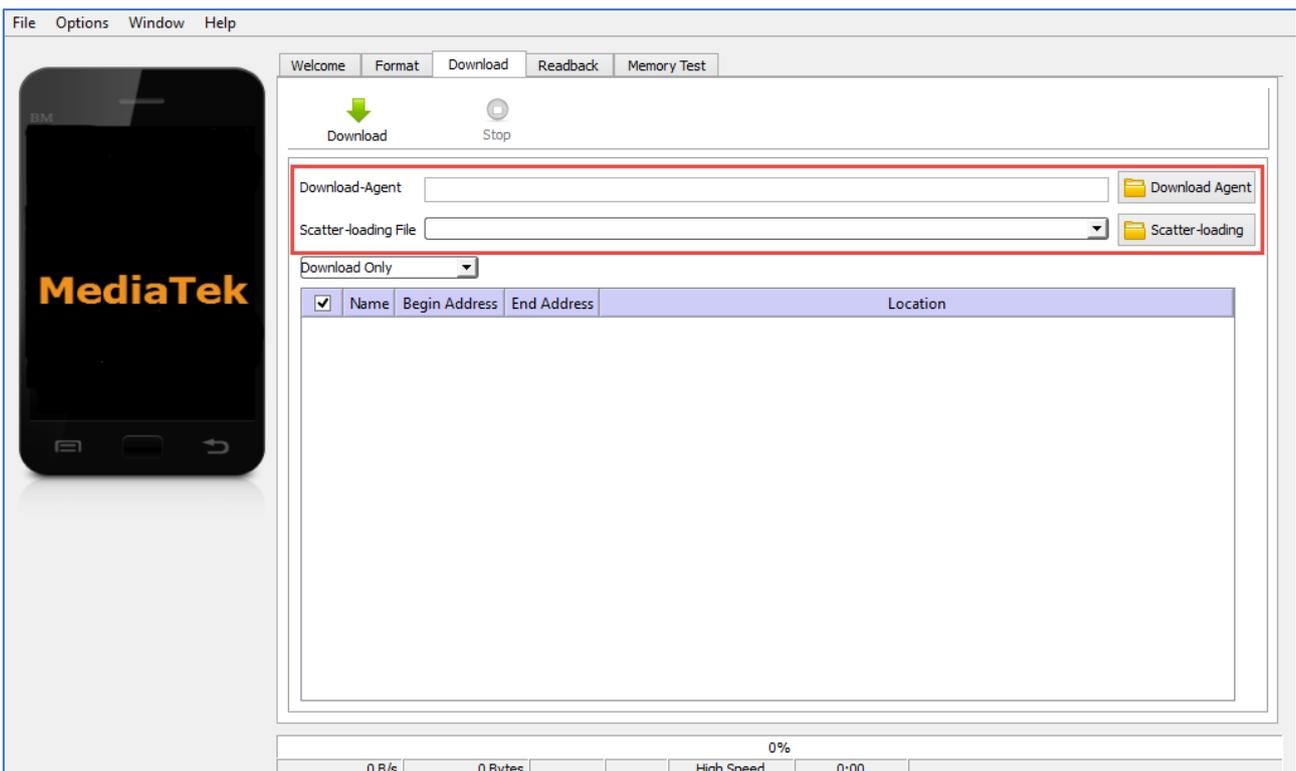
5) Press any key to exit the above window, then open  
SP\_Flash\_Tool\_exe\_Windows\_v5.1520.00.000" → "flash\_tool"

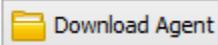
DA_PL.bin	2015-05-14 04:41 ...	BIN File	4 556 KB
DA_PL_CRYPT020.bin	2015-05-14 04:41 ...	BIN File	4 556 KB
DA_SWSEC.bin	2015-05-14 04:41 ...	BIN File	4 733 KB
DA_SWSEC_CRYPT020.bin	2015-05-14 04:41 ...	BIN File	4 733 KB
download_scene	2015-05-14 04:41 ...	Configuration sett...	1 KB
flash_tool	2015-05-14 04:41 ...	Application	8 113 KB

6) The program will notify you with the below message, select "OK" to proceed

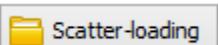


7) You will be presented with the below interface. We will now load the Download Agent and Scatter file.



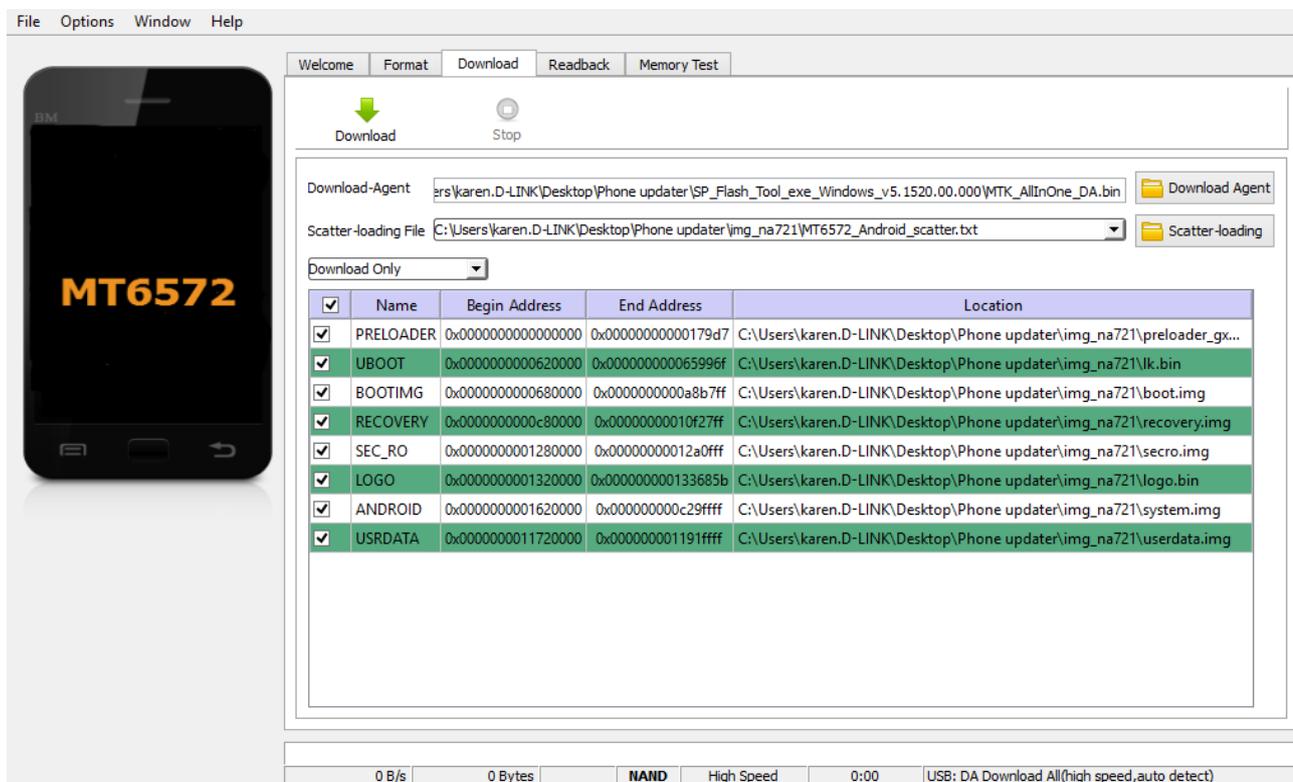
- 8) Select  and load "MTK\_AllInOn\_DA.bin" file located within the folder of the updaters tool "SP\_Flash\_Tool\_exe\_Windows\_v5.1520.00.000"

Name	Date modified	Type	Size
codecs	2018-08-15 11:20 ...	File folder	
imageformats	2018-08-15 11:20 ...	File folder	
sqldrivers	2018-08-15 11:20 ...	File folder	
DA_PL.bin	2015-05-14 04:41 ...	BIN File	4 556 KB
DA_PL_CRYPT020.bin	2015-05-14 04:41 ...	BIN File	4 556 KB
DA_SWSEC.bin	2015-05-14 04:41 ...	BIN File	4 733 KB
DA_SWSEC_CRYPT020.bin	2015-05-14 04:41 ...	BIN File	4 733 KB
MTK_AllInOne_DA.bin	2015-05-14 04:41 ...	BIN File	4 607 KB

- 9) Select  and load "MT6572\_Android\_scatter.txt" file located within folder of the firmware folder "img\_na721"

Name	Date modified	Type	Size
database	2018-12-03 09:44 ...	File folder	
MT6572_Android_scatter	2018-12-01 11:43 ...	Text Document	6 KB

- 10) Once complete, your interface should look like the below



The screenshot shows the SP Flash Tool interface with the following details:

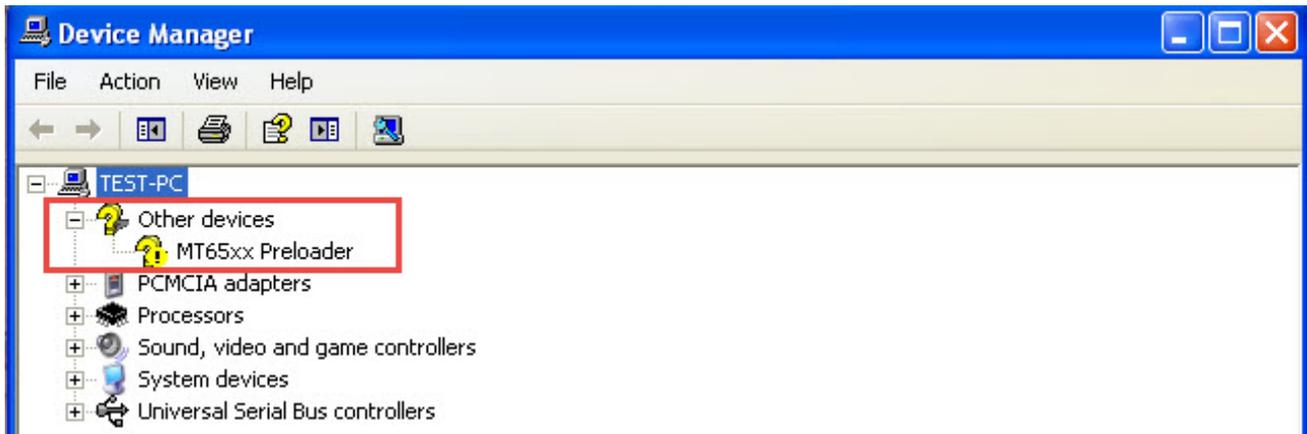
- Download-Agent:** C:\Users\karen.D-LINK\Desktop\Phone updaters\SP\_Flash\_Tool\_exe\_Windows\_v5.1520.00.000\MTK\_AllInOne\_DA.bin
- Scatter-loading File:** C:\Users\karen.D-LINK\Desktop\Phone updaters\img\_na721\MT6572\_Android\_scatter.txt
- Download Only:** A table listing memory addresses and locations for various components.

✓	Name	Begin Address	End Address	Location
✓	PRELOADER	0x0000000000000000	0x00000000000179d7	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\preloader_gx...
✓	UBOOT	0x00000000000620000	0x0000000000065996f	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\lk.bin
✓	BOOTIMG	0x00000000000680000	0x00000000000a8b7ff	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\boot.img
✓	RECOVERY	0x00000000000c80000	0x0000000000010f27ff	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\recovery.img
✓	SEC_RO	0x00000000001280000	0x0000000000012a0fff	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\secro.img
✓	LOGO	0x00000000001320000	0x0000000000133685b	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\logo.bin
✓	ANDROID	0x00000000001620000	0x00000000000c29ffff	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\system.img
✓	USRDATA	0x000000000011720000	0x00000000001191ffff	C:\Users\karen.D-LINK\Desktop\Phone updaters\img_na721\userdata.img

At the bottom, the status bar shows: 0 B/s | 0 Bytes | NAND | High Speed | 0:00 | USB: DA Download All(high speed,auto detect)

- 11) **NB!! Switch OFF your phone but leave the battery inside for the next step.**

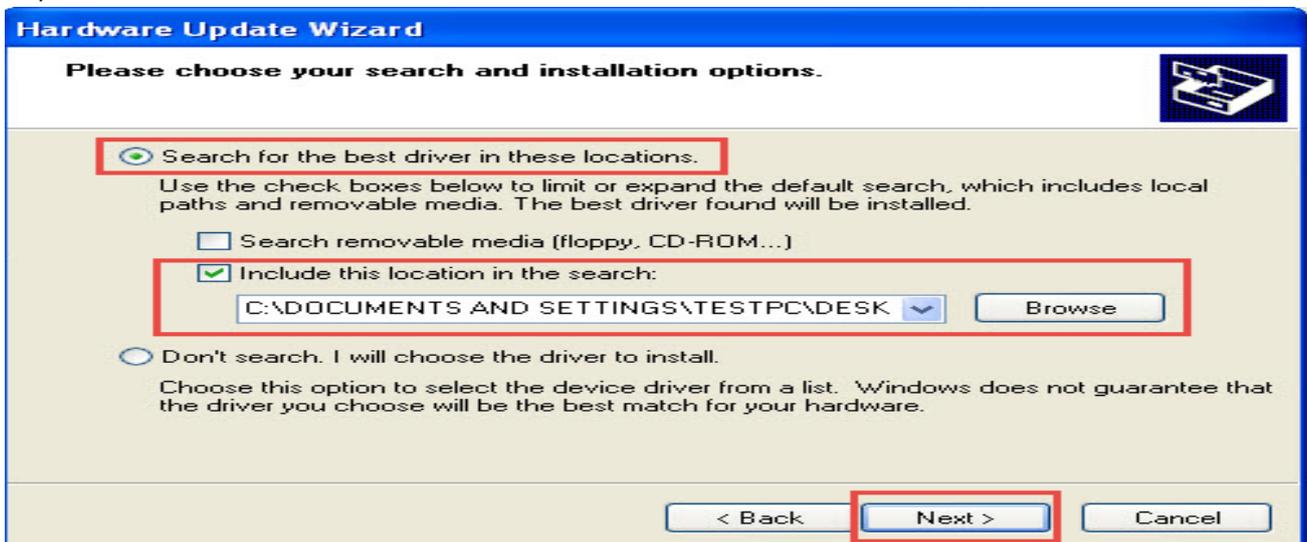
- 12) From the control panel open your Device Manager or from command prompt, (Win+R) type devmgmt.msc
- 13) Connect the USB cable from the pc/laptop to the phone. The phone screen should display “Power from USB adapter” and under Device Manager, you will see:



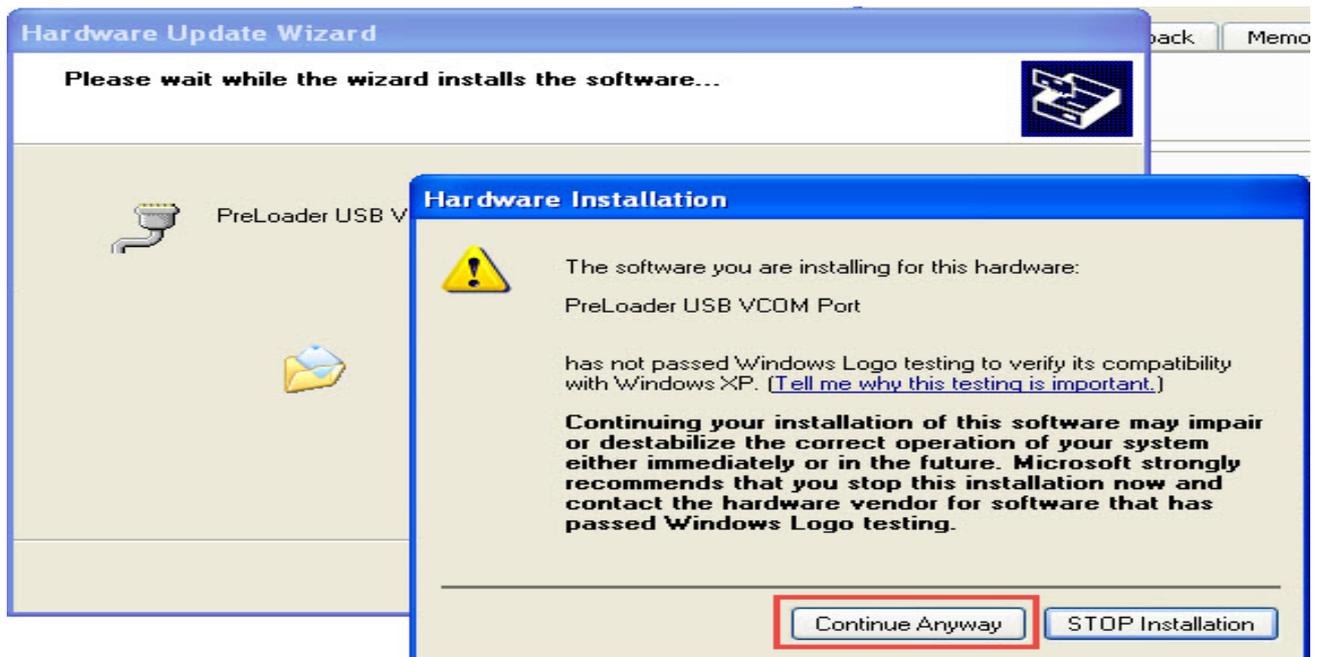
- 14) Right click on the “MT65xx Preloader” and select “Update Driver Software”
- 15) Select “Install from a list or specific location (Advanced)” and press Next



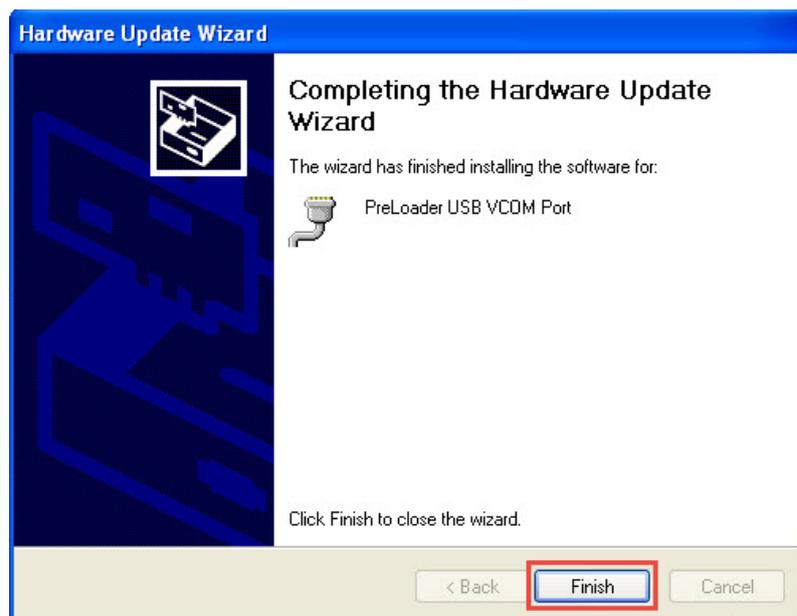
- 16) Select “Search for the best driver in these locations” & “include this location in the search”



17) Windows will now proceed with the wizard to install the software. Press “Continue Anyway” when prompted with the below message.



18) Select “Finish” once the installation is finished. The Preloader from Device Manager should also disappear for now.

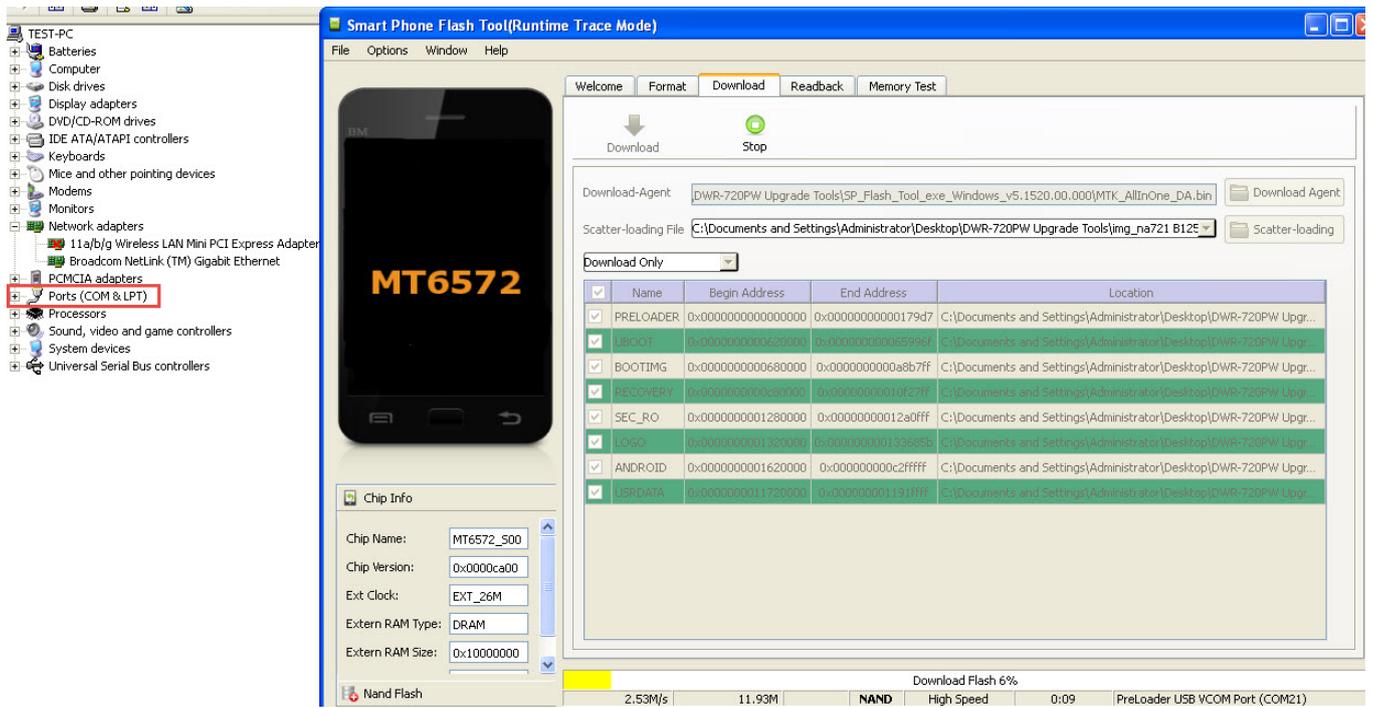


19) **NB! Unplug the battery & keep phone OFF for the next step.**

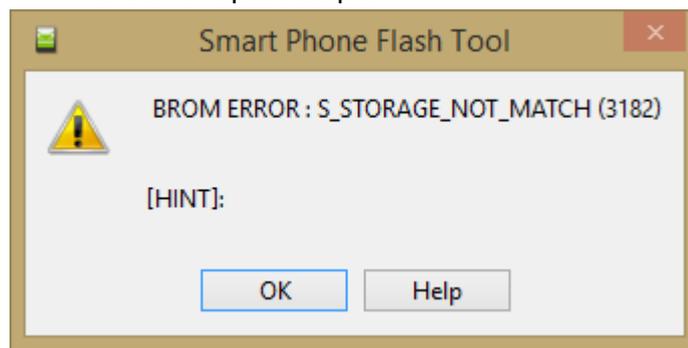


20) Select Download and disconnect and reconnect the USB cable to the Phone.

21) Under Device Manager, a “Ports (COM & LPT)” will appear to show that the pc/laptop has now detected the Phone device for the upgrade. The Smart Phone Flash Tool will start upgrading the phone as shown below:



22) If the incorrect version of the firmware was downloaded, you will see this error. Please download the other version of the firmware and repeat step 9.



23) Once the update is complete & successful, you will see a tick on the application interface

