MT33xx Firmware download using Flashtool

MEDIATEK INTERNAL USE

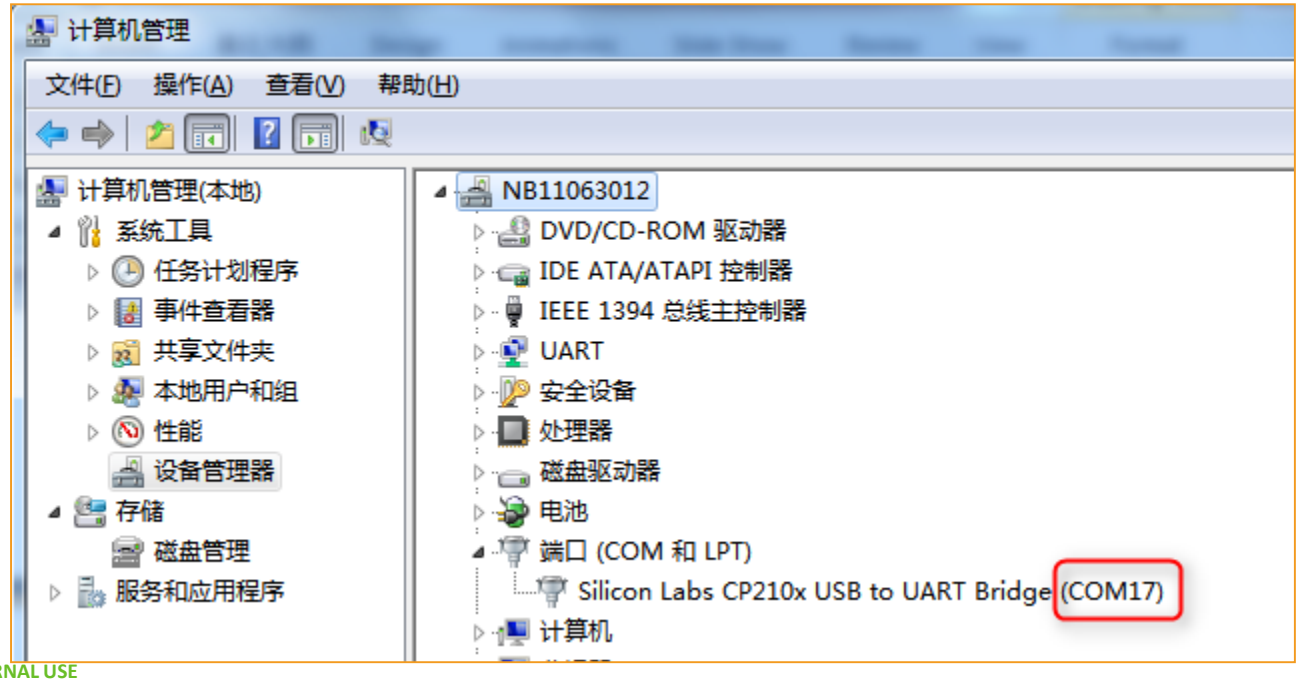
History

Revision	Date	Author	Description
V1.0	20161027	Haikun xu	Initial draft
V1.1	20170803		Add format feature

Download SOP

Step1: connect MT33xx UART to PC using a USB-UART bridge.

Step2: check the COM port number in “Device Manager ”.



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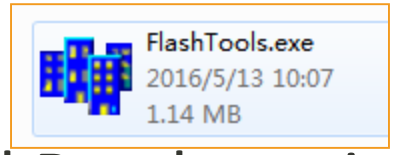
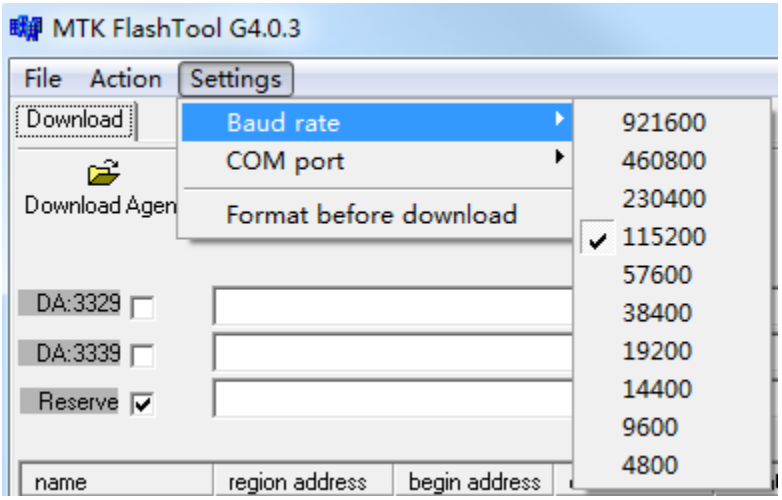
Step3: open MTK FlashTool .



Step4: select the right COM port and Baud rate in “Settings” menu.

Note: the higher baud rate the faster for downloading firmware, but some usb-to-uart bridges can not support a high baud rate. If download failed, please try a lower baud rate.



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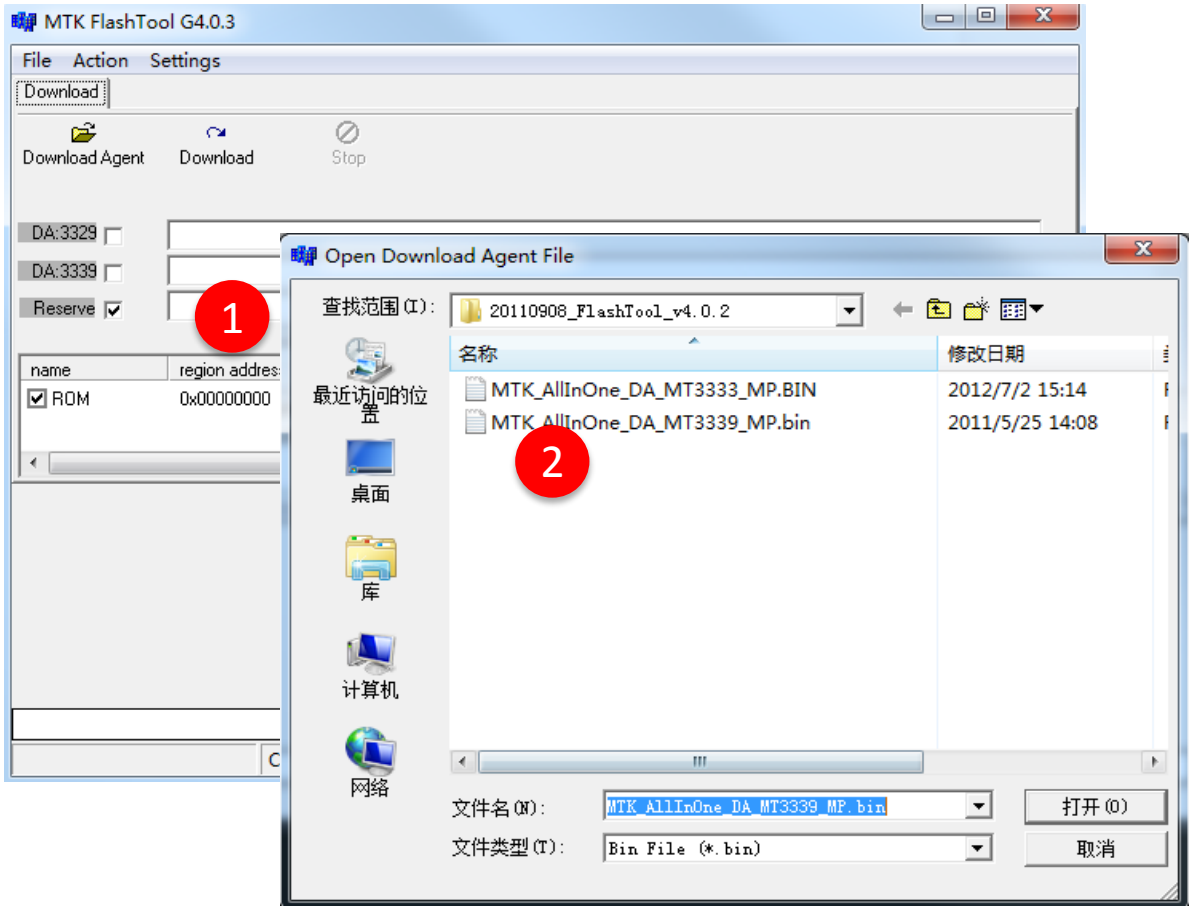
Step5: select right DA checkbox and load the right DA file for the target chip.

Note: Download Agent file is a program which helps to receive the firmware and write it to flash. It is related to the GPS chip sets. If there are no DA checkbox you need, please use the “Reserve” checkbox and choose the correct DA image.

DA images are always included in the Flashtool folder.



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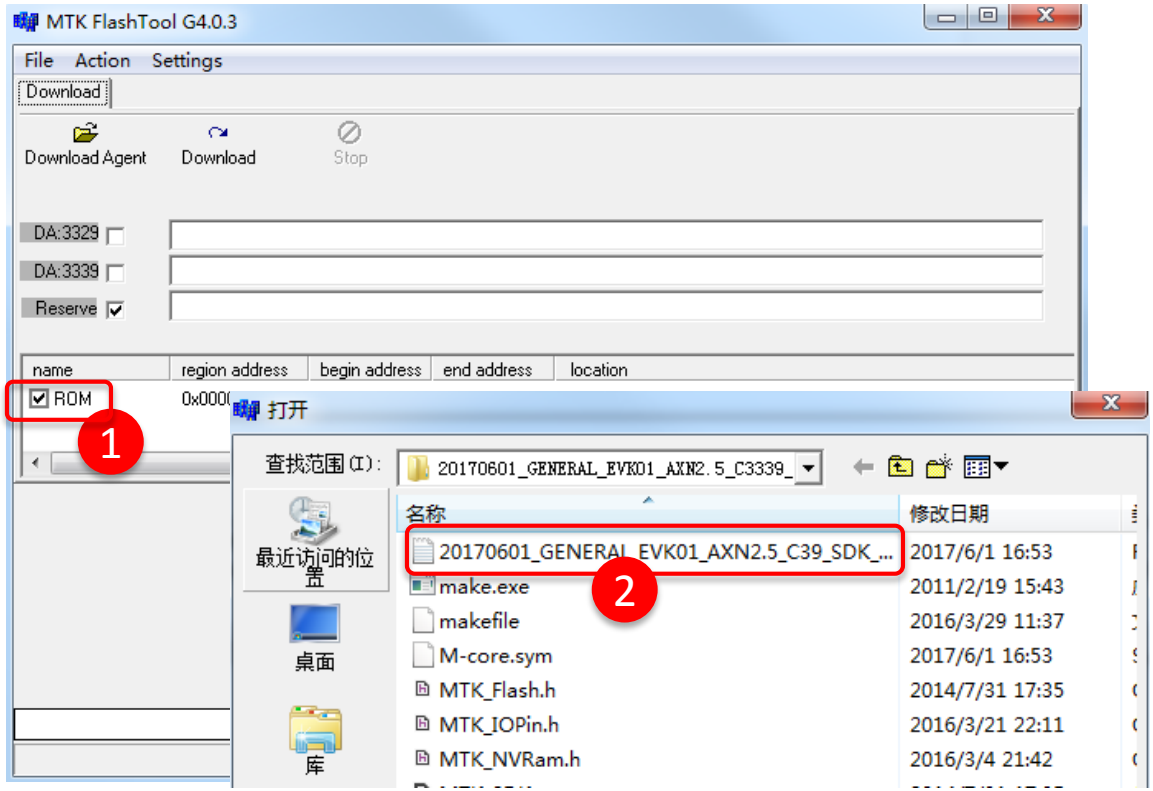
Step6: double click the “ROM” area and select the firmware to download.



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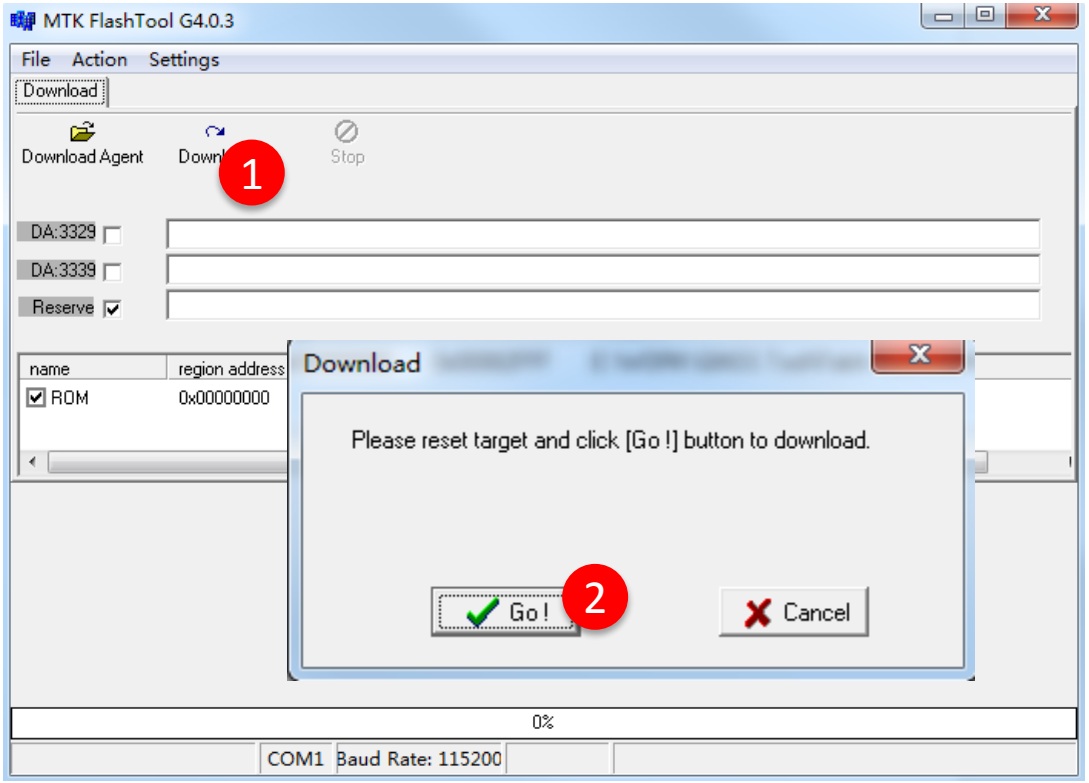
Step7: click “Download” and “Go” to start downloading.

Note: if the default baud rate in GPS chip is higher than 115200 bps, please power on GPS chip after clicking “Go”.



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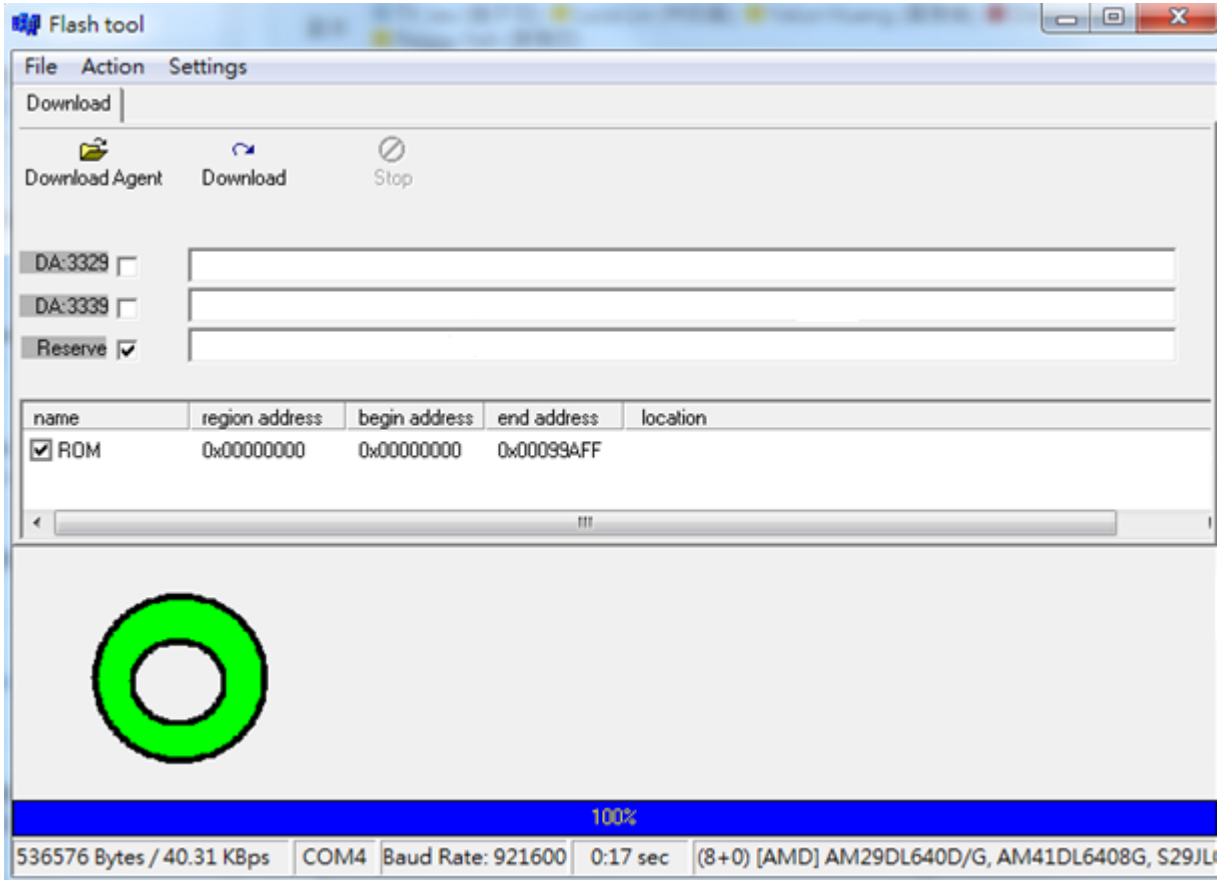
Step8: wait for downloading until finished.

Note: the tool will download the DA file first (with red progress bar)and then download the firmware(with blue progress bar).

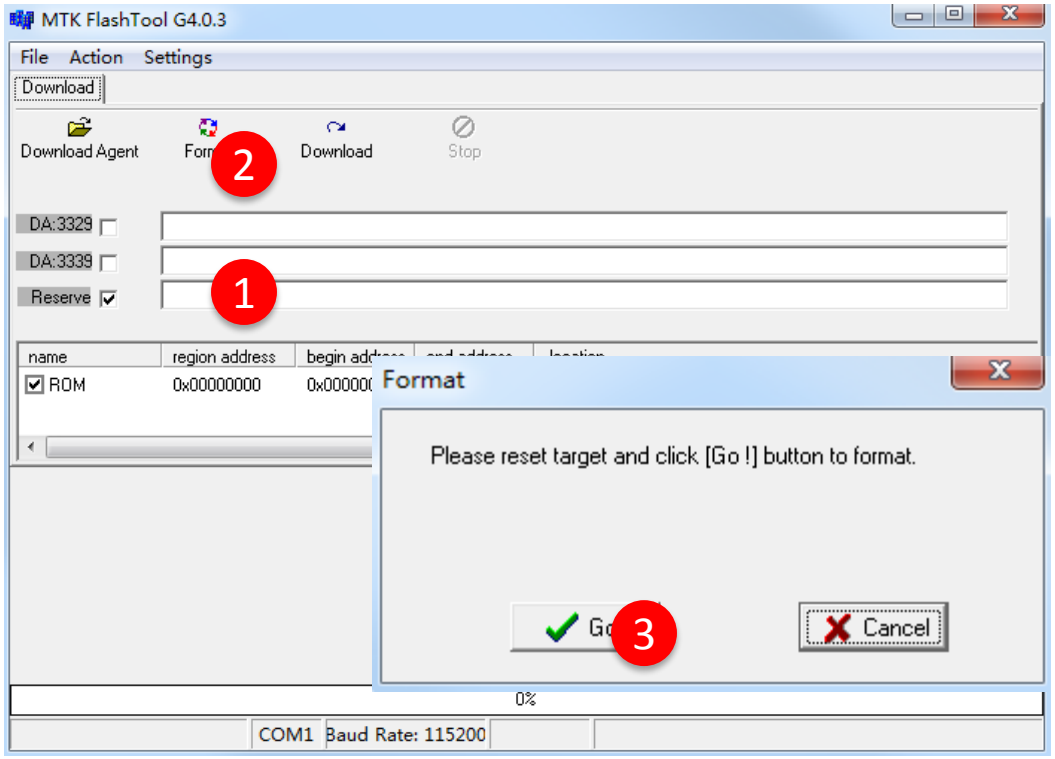


Format SOP

Step1: Ctrl + Alt + F to enter format mode

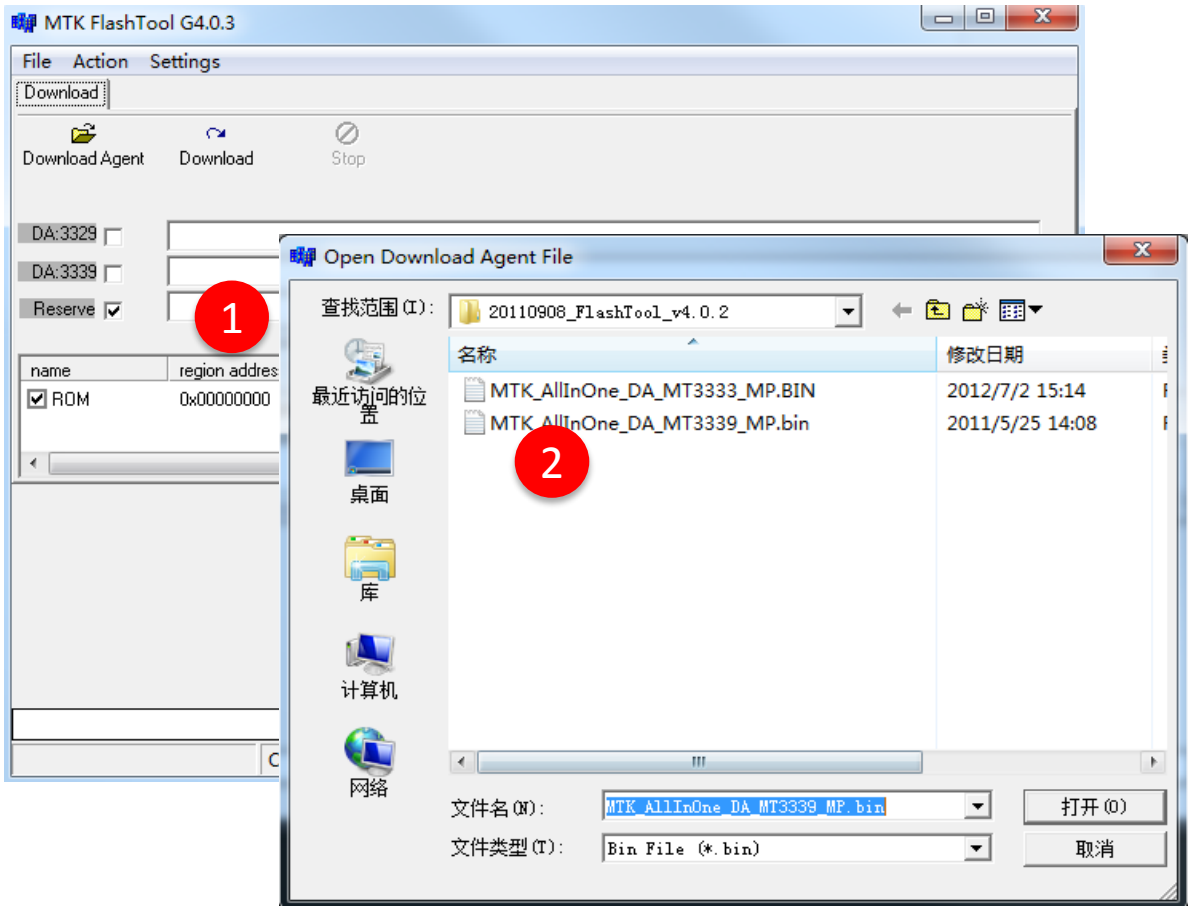
Step2: Select DA for corresponding chip

Step3: Click format button to format and wait for format finished



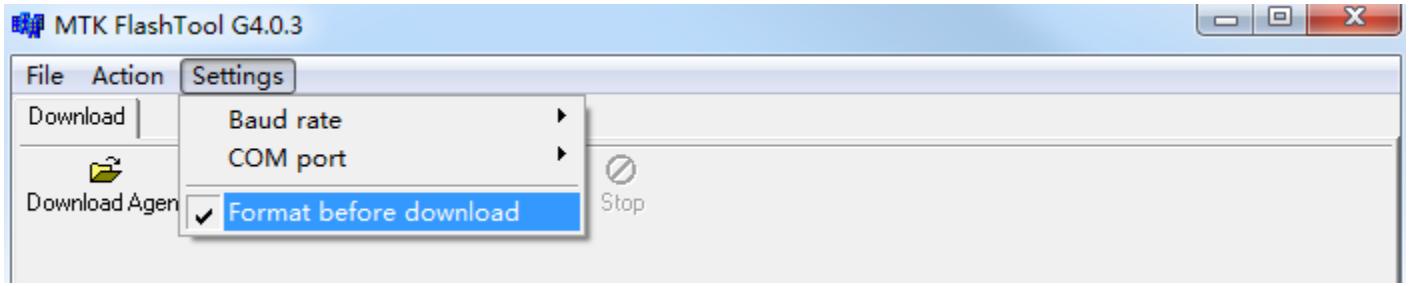
Format and Download SOP

Step1: Select DA and ROM for corresponding chip

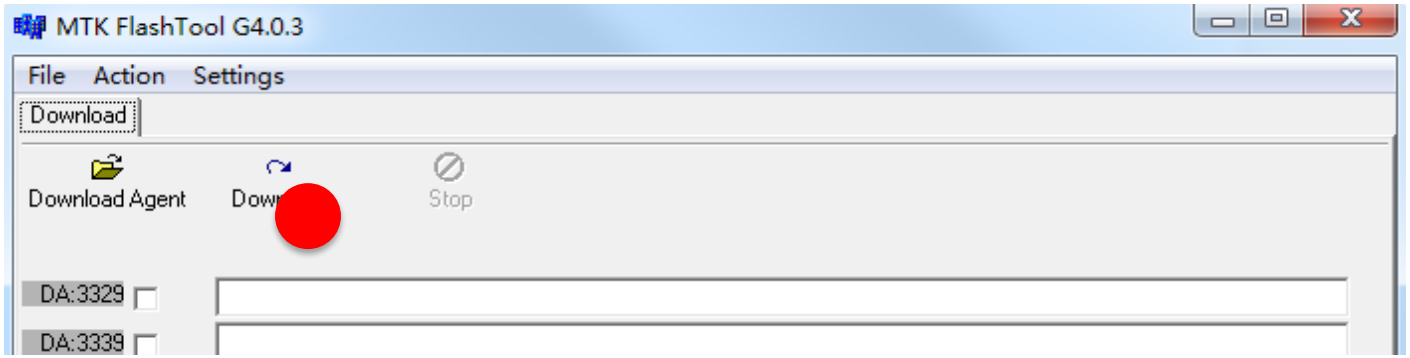


Format and Download SOP

Step2: Select “Format before download” menu in Settings menu



Step3: Click Download to start



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