1 Run Flash Programming on JLINK

1.1 Jlink programmer necessaries
1. Turn ON power switch and Wake up chip from RTC power domain, and then Connect JTAG.

1.2 Edit flash_prog.jlink device setting
Note: partial programming please check chapter 1.5
1. Check your flash manufacturer: Winbond or Mxic or GigaDevice
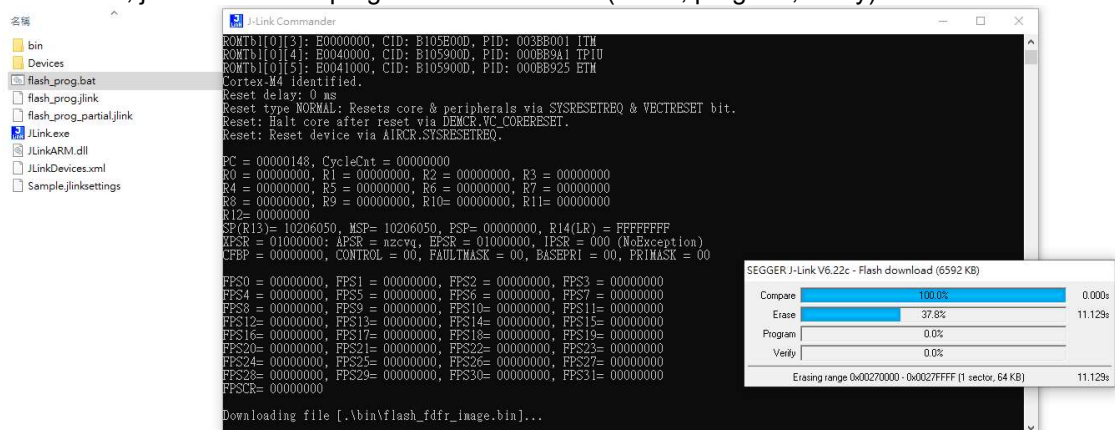2. Select a specific device based on flash manufacturer
   EX:

device KL520-WB	//Winbond
device KL520-MX	//Mxic
device KL520-GD	//GigaDevice

3. Copy the bin file to kl520_sdk\utils\JLink_programmer\bin\flash_fdfr_image.bin

1.3 Double click "flash_prog.bat"
Afterwards, just wait until all progresses are finished (erase, program, verify)

1.4 Check programming result
Please ensure the result is "O.K.", and enter "qc" to quit and close J-Link commander

1.5 Edit flash_prog_partial.jlink device setting(optional)

To program specific bin file to specific flash address

1. Copy the bin file to kl520_sdk\utils\JLink_programmer\bin\
2. Select a specific device+'-P' based on flash manufacturer
   EX:

   device KL520-WB-P   //Winbond partial programming
   device KL520-MX-P   //Mxic partial programming
   device KL520-GD-P   //GigaDevice partial programming

3. Edit loadbin command: Load *.bin file into target memory
   Syntax: loadbin <filename>, <addr>

   loadbin .\bin\boot_spl.bin,0x00000000
   loadbin .\bin\fw_scpu.bin,0x00002000
   loadbin .\bin\fw_ncpu.bin,0x0002A000

4. Double click "flash_prog_partial.bat" and wait until all progresses are finished
5. Check programming result
   Please ensure the results is "O.K.", and enter "qc" to quit and close J-Link commander
   EX: