1、you should download the bootloader’s code.

The link is

“<https://www.nxp.com/design/software/development-software/mcuxpresso-software-and-tools/mcuboot-mcu-bootloader-for-nxp-microcontrollers:MCUBOOT?&tab=Design_Tools_Tab>”;

Download [**NXP\_Kinetis\_Bootloader\_2.0.0 package**](https://www.nxp.com/webapp/Download?colCode=NXP_KINETIS_BOOTLOADER_2_0_0&appType=license).

2、Enter the directory (We use k64 as an example)

“NXP\_Kinetis\_Bootloader\_2\_0\_0\targets\MK64F12\mdk\freedom\_bootloader”

3、Download this program to board.

Now the board has the bootloader.

4、And please prepare another program and complie it.

It will generate .hex or .bin file.If generate hex file,you should convert it to the bin file.

I suggest you use a led demo to test.

5、Enter the directory

“NXP\_Kinetis\_Bootloader\_2\_0\_0\bin\Tools\KinetisFlashTool\win”

Open the application “KinetisFlashTool”.

Connect your board to the computer ,and click the connect.

6、Image file should use the program you want download.And Target address is 0xa000.

Then click “Update”.Wait for a moment.The program will run.

