VA8801 Series

Rev. 0.1

FITI_VA8801_ToolKit

AI SoC

fitipower integrated technology Inc.

Table of Contents

1. **SYSTEM REQUIREMENTS**

   1.1   Windows 10

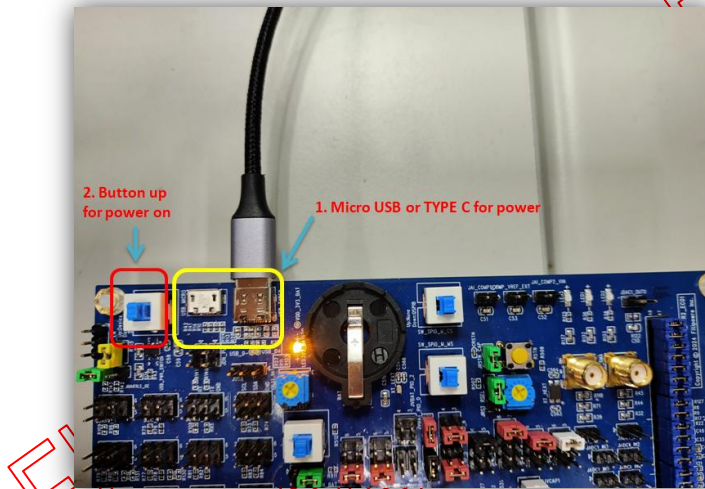2. **HARDWARE REQUIREMENTS**

   2.1   VA8801 Demo board

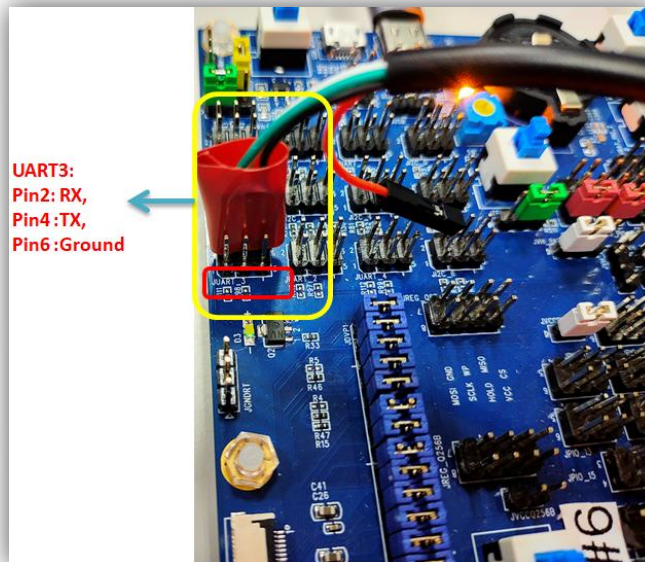3. **SOFTWARE TOOL**

   3.1   FITI_VA8801_ToolKit

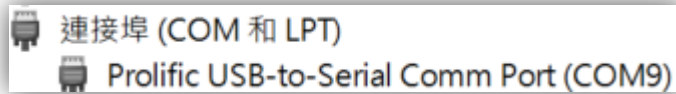4. **FLASH BIN FILE BY UART**

   4.1   Connect VA8801 to PC with Type C cable or micro USB, after plug in power cable, press button up for power on.

   4.2   Connect **UART com port (UART3)** to PC with UART cable.
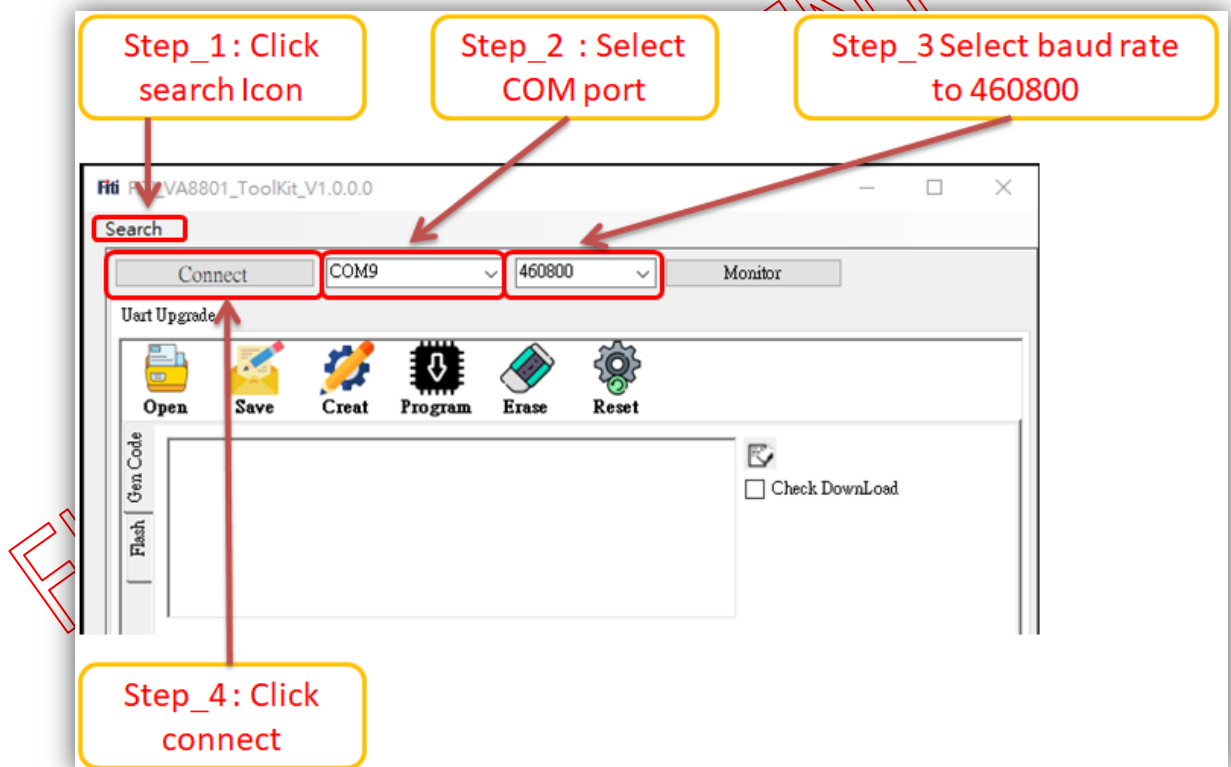
4.3 Check UART3 com port number in PC (For example : COM9)

連接埠 (COM 和 LPT)
　　Prolific USB-to-Serial Comm Port (COM9)

4.4 Click FITI_VA8801_ToolKit_V1.0.0.0.exe.

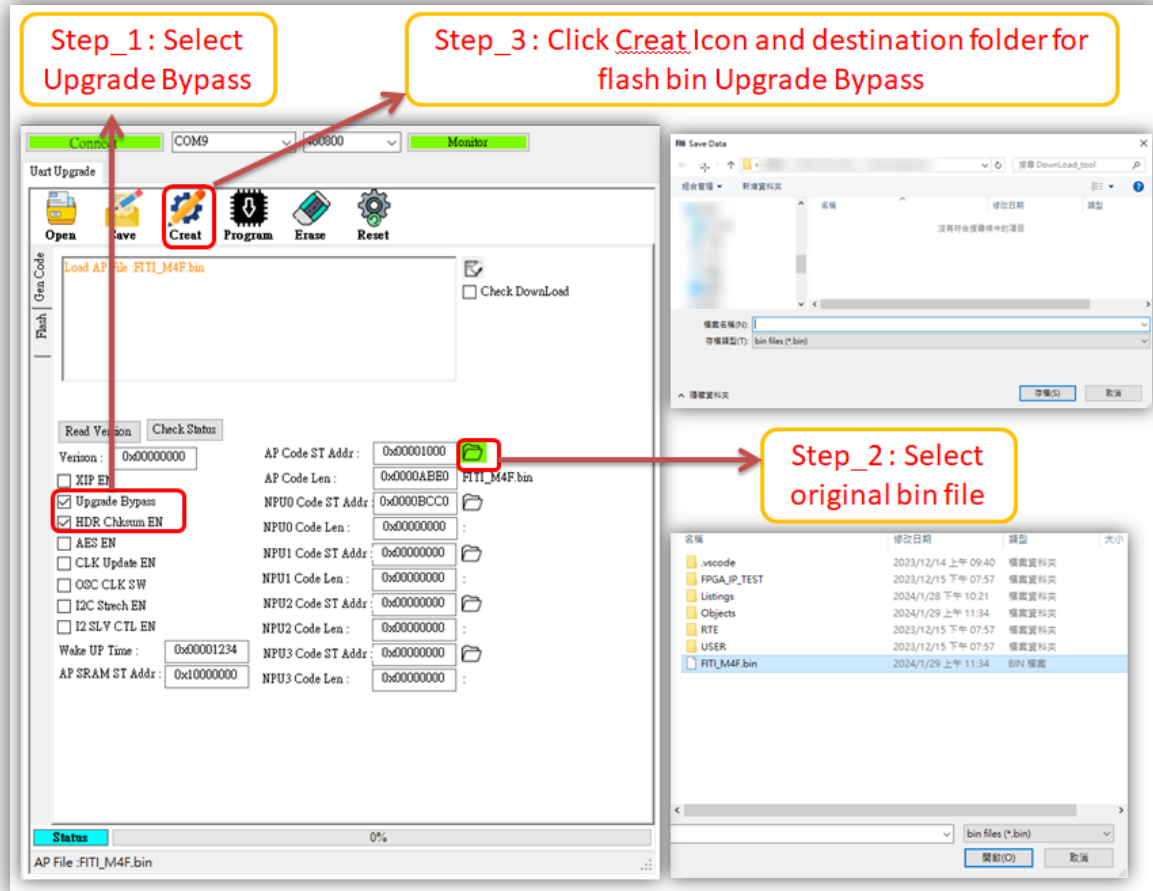| 名稱	修改日期	類型	大小
Fiti FITI_VA8801_ToolKit_V1.0.0.0.exe	2024/1/30 上午 10:52	應用程式	56,950 KB
WindowsFormsControlLibrary_Monitor.dll	2024/1/30 上午 10:51	應用程式擴充	391 KB

4.5 Select COM port, baud rate and click connect icon.

Step_1 : Click search Icon

Step_2 : Select COM port

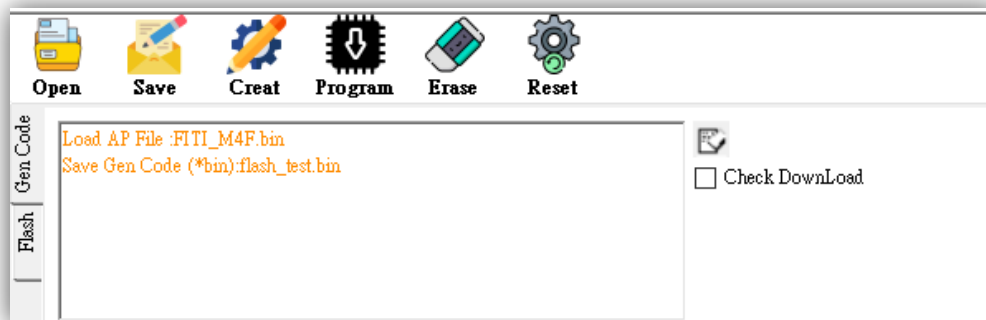Step_3 Select baud rate to 460800

Step_4 : Click connect

4.5.1 After connected, the connect icon show green color.
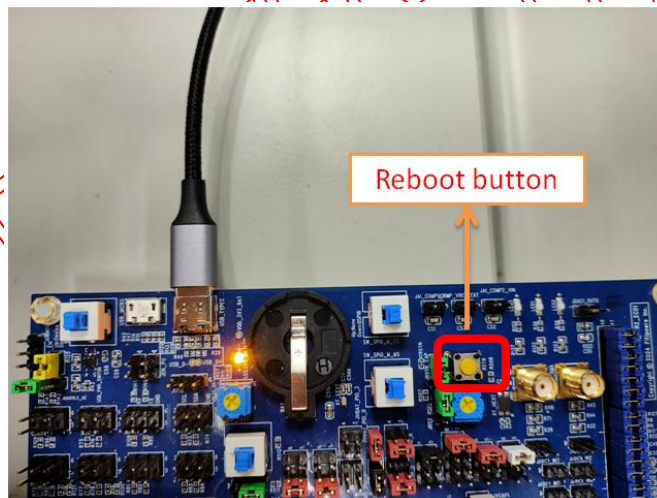
4.6 Generate Flash bin file.

4.6.1 After finished, you could see flash bin file in the destination folder.

4.7 Set the Boot mode to upgrade mode.(Press PIN SW_QSCLK, QIO0101 and PIN QIO2103 to UP)

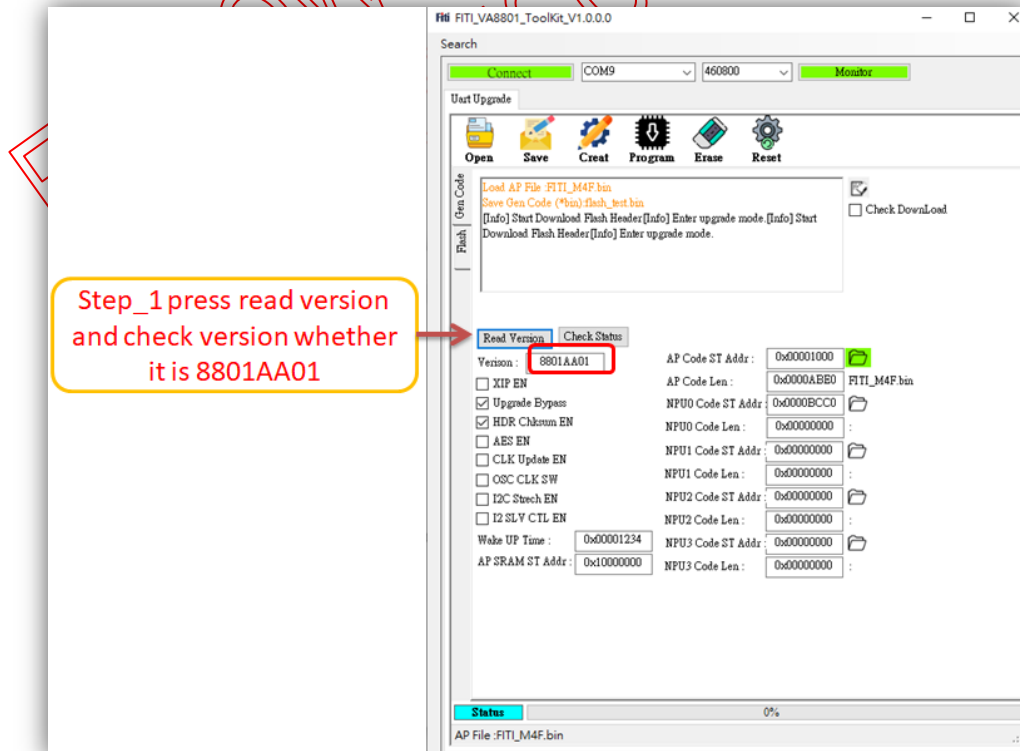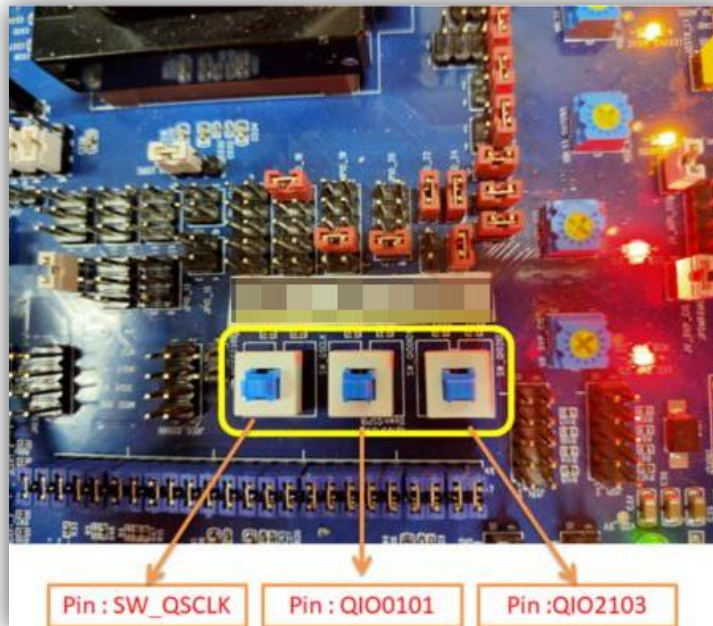Pin : SW_QSCLK   Pin : QIO0101   Pin :QIO2103

4.8 Reboot device.

Reboot button

4.9   Set the Boot mode to flash upgrade mode.
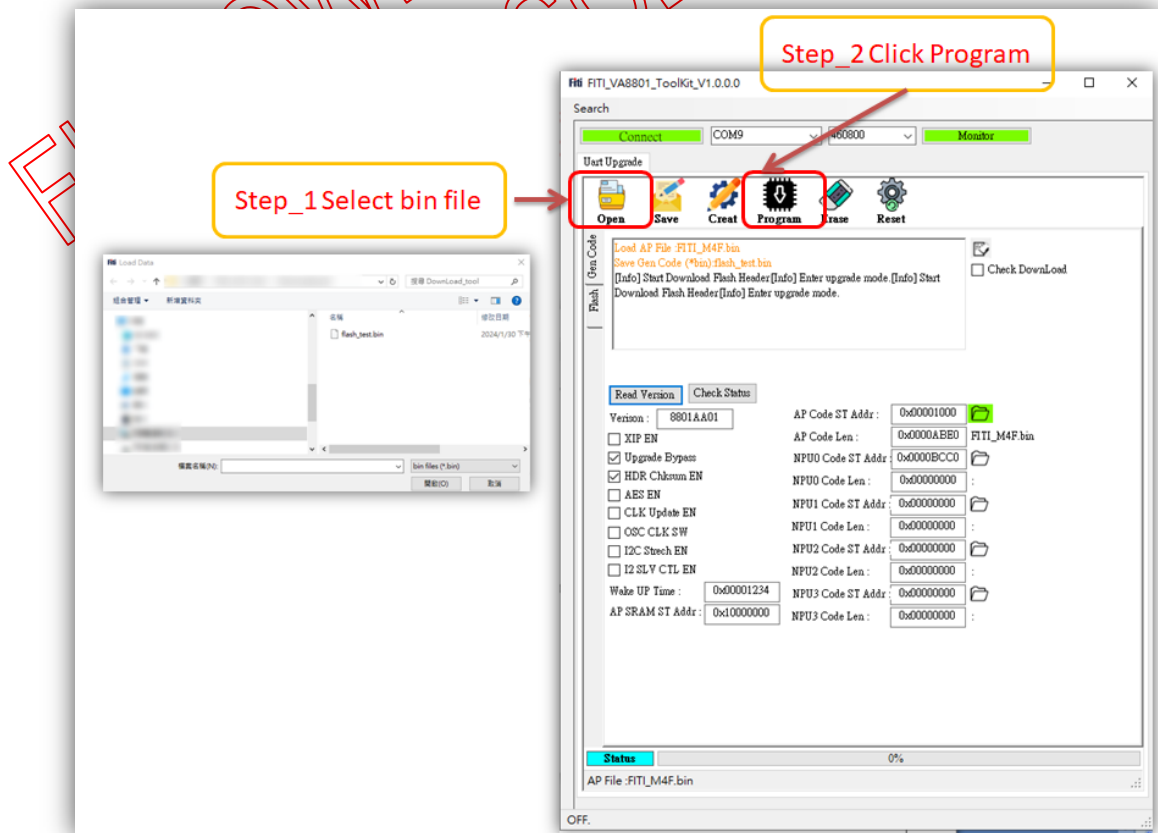(Press PIN SW_QSCLK and PIN QIO2103 to Up, press PIN QIO0101 to down)

Pin : SW_QSCLK   Pin : QIO0101   Pin :QIO2103

4.10   Please check device version Whether it is 8801AA01.

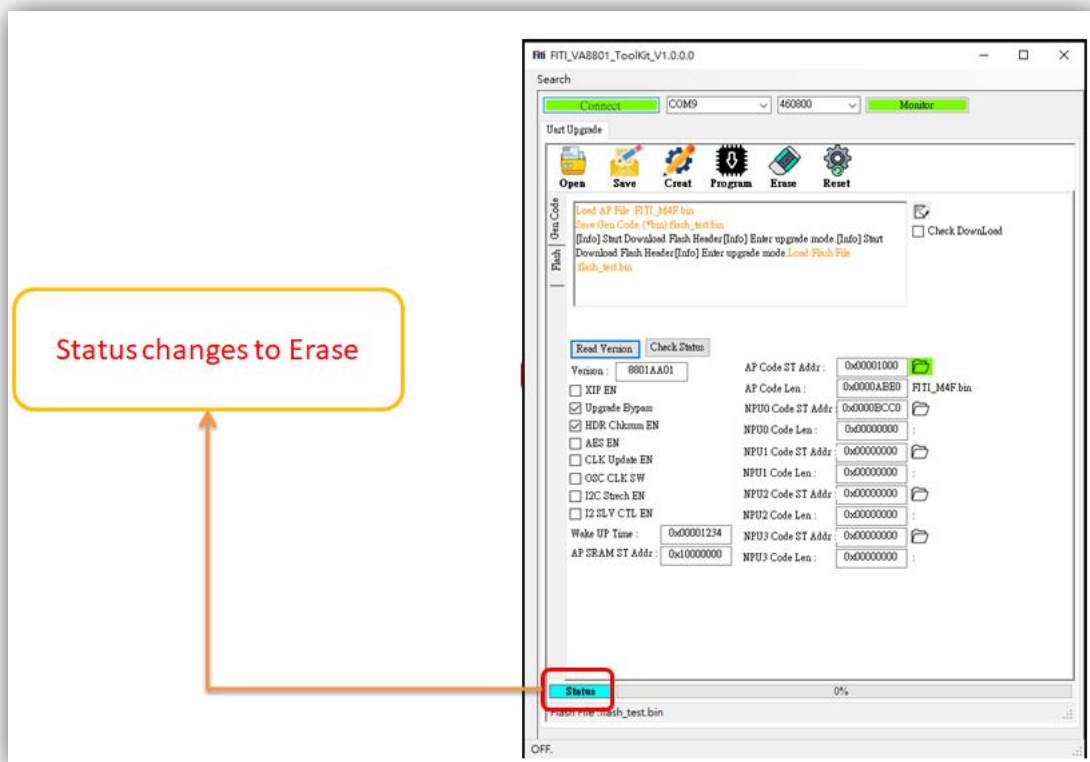Step_1 press read version and check version whether it is 8801AA01

4.11 Select to 8 MB flash (recommend). (Press PIN SW_QSCLK, PIN QIO0101 and PIN QIO2103 to down). If you want to flash 256 MB flash, please press PIN SW_QSCLK, PIN QIO0101 and PIN QIO2103 to UP.

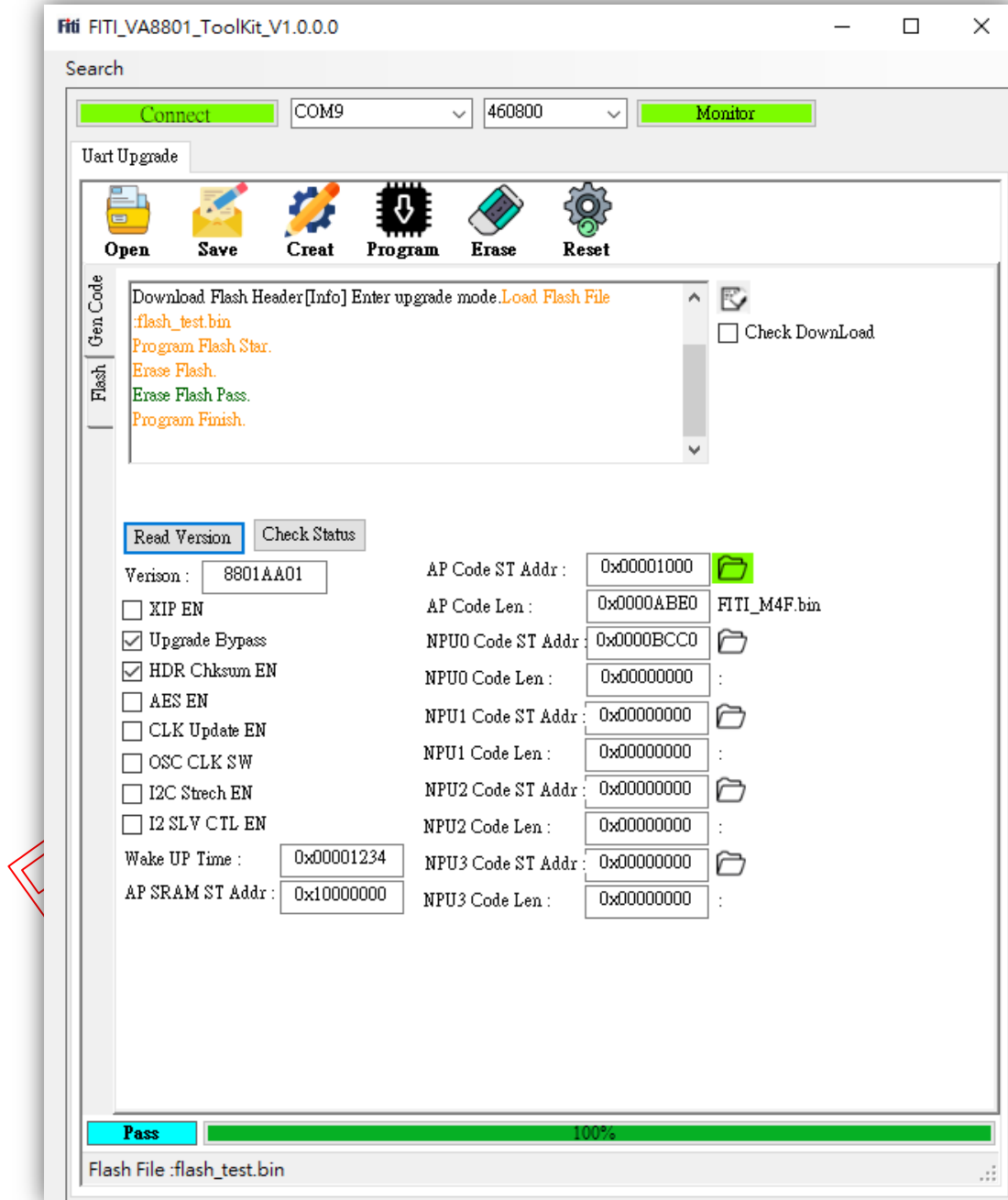4.12 After setting boot mode, you could start to flash bin file,

Status changes to Erase

4.13 After flash done, the status bar changes to PASS.

4.14 Reboot device and check the UART log.