

PIOC User Manual

Version: V1.1

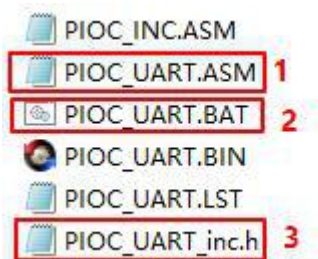
<https://wch-ic.com>

1. Overview

Using the CH32X035 as an example, we are using MounRiver IDE. There is an option of using the on-board or standalone WCH-Link for debugging and downloading. It also provides an example of applying the PIOC using an emulated UART.

2. The Download Process

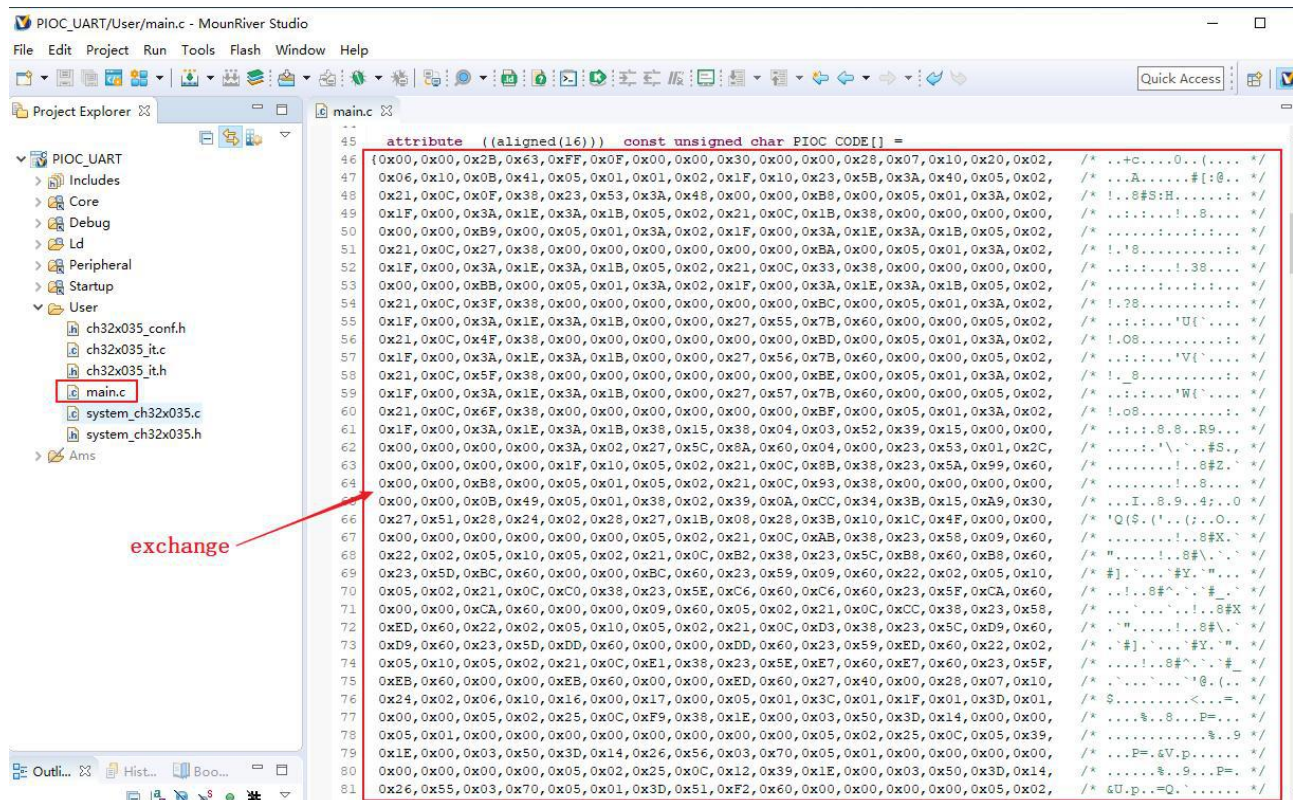
1. Open the PIOC\PIOC_UART\Asm\PIOC_UART.ASM assembly source file, make the desired changes, and save it.



2. Double-click the PIOC_UART.BAT script.

3. Open the PIOC_UART_inc.h which will contain the whole copy of the content.

4. Open the PIOC\PIOC_UART folder, and double-click to open the PIOC_UART.wvproj project, which will be selected in the red box to replace the contents just copied.



5. Compile the project and then select Download Configuration (use WCH_LINKER to download CLK-PC19 DIO-PC18).



6. Power down the X035 and erase it.

7. Download the program

3. Attention!!!

1) When downloading with WCH-Link, please refer to the WCH-Link User's Manual for details on how to switch modes.

Detailed inquiries/questions can be logged in as follows:

WCH official website: <https://www.wch-ic.com/>

WCH-LINK instructions for use: https://www.wch-ic.com/downloads/WCH-LinkUserManual_PDF.html