EFM32 Wonder Gecko Software Documentation

<http://devtools.silabs.com/dl/documentation/doxygen/5.2.0/efm32wg/html/index.html>

EFM32WG230 Data Sheet:

<https://www.silabs.com/documents/public/data-sheets/EFM32WG230.pdf>

CMSIS Documentation

C:\Keil\_v5\ARM\PACK\ARM\CMSIS\5.2.0\CMSIS\Documentation\index.html

AN00025: Peripheral Reflex System (PRS)

<https://www.silabs.com/documents/public/application-notes/an0025-efm32-prs.pdf>

Debugging an EFM32 product on a custom board

From <[*http://community.silabs.com/t5/32-bit-MCU-Knowledge-Base/Debugging-an-EFM32-product-on-a-custom-board/ta-p/157560*](http://community.silabs.com/t5/32-bit-MCU-Knowledge-Base/Debugging-an-EFM32-product-on-a-custom-board/ta-p/157560)>

Uart from EFM32 to WF121-E

Pin11 - PC2/US2\_TX#0 - UART2\_TX

Pin12 - PC3/US2\_RX#0 - UART2\_RX

Pin13 - PC4/US2\_CLK#0 - !UART2\_CTS(active low)

Pin14 - PC5/US2\_CS#0 - !UART2\_RTS(active low)

WF121 Wi-Fi Module:

<https://www.silabs.com/documents/login/data-sheets/WF121-DataSheet.pdf>

[UG222: Bluegiga Wi-Fi Products - Silicon Labs](https://www.silabs.com/documents/login/user-guides/UG222.pdf)

Pin36 - U2\_TX - UART2\_RX

Pin35 - U2\_RX - UART2\_TX

Pin19 - US\_RTS - !UART2\_CTS(active low)

Pin17 - U2\_CTS - !UART2\_RTS(active low)

EFM32 Getting Started Guide:

<https://www.silabs.com/products/mcu/32-bit/makers-guide-to-the-iot>

C:\SiliconLabs\SimplicityStudio\v4\developer\sdks\gecko\_sdk\_suite\v1.1\app\mcu\_example\SLSTK3701A\_EFM32GG11\micriumos\_wifi\_whiteboard

The way to get the .c file for an emlib driver into your 3\_Hello\_World project is a bit complicated.  You will get used to it in time.

The files that you will need are in C:\SiliconLabs\SimplicityStudio\v2\developer\sdks\efm32\v2\emlib\src

C:\SiliconLabs\SimplicityStudio\v4\developer\sdks\gecko\_sdk\_suite\v1.1\platform\emlib\src

To debug the processor on Wonder Gecko the external JTAG device must be unplugged!

 WF121 Configuration Developer Guide

<https://www.silabs.com/documents/login/user-guides/UG221.pdf>