WBZ451 peripheral Transparent UART

After adding WINC1500, TMR and SPI/SERCOM1, in WolfCrypt library, uncheck “support RNG”

Graphical user interface, application

Description automatically generated

mikroBus interface

Diagram, schematic

Description automatically generated

SERCOM1 configuration

Diagram

Description automatically generated with medium confidence

Graphical user interface, application

Description automatically generated

Configure

WDRV\_WINC\_RESETN. (make sure you set to “Digital”)

Shape, rectangle

Description automatically generated

Table

Description automatically generated

**WDRV\_WINC\_CHIP\_EN**

The WINC1500 Click Enable is on PWM pin, which is also connected to INT

A picture containing schematic

Description automatically generated

A picture containing timeline

Description automatically generated

Need to remove Resistor R120, and short AN to PWM on the WiFi7 Click…. AN is connected to PB1

Shape, rectangle

Description automatically generated with medium confidence

Table

Description automatically generated

Enable DIRECT for SERCOM1

Graphical user interface, text, application

Description automatically generated

EIC\_PIN

Timeline

Description automatically generated

Graphical user interface, table

Description automatically generated

Graphical user interface, application

Description automatically generated