Advanced Embedded Systems Lab Demonstration Validation Sheet

This sheet should be modified by the student to reflect the current lab assignment being demonstrated

|  |  |
| --- | --- |
| Lab Number: | Lab 4 – UART on Tiva |
| Team Members | |  | | --- | | Team Member 1: | | Team Member 2: | |
| Date: |  |

# Lab Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| REQ Number | Objective | Self-Review | TA  Review |
| 1 | Both Tiva Boards must use the same exact code. (not applicable if you are using the MSP430 board) |  |  |
| 2 | A SW2 button press on board #1 will cause the board to send the data byte 0xAA to board 2 via a UART. |  |  |
| 3 | When board #2 receives data byte 0xAA, it will rotate from one color LED to the next in the sequence (red ->blue->green->red->……). |  |  |
| 4 | SW2 debouncing is handled. |  |  |
| 5 | MSP430 board/box/cable is returned. Note: students in ECGR3090/4090 who already turned in the board should indicate that here: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |
|  |  |  |  |