CPE301 – SPRING 2019

Design Assignment 3B

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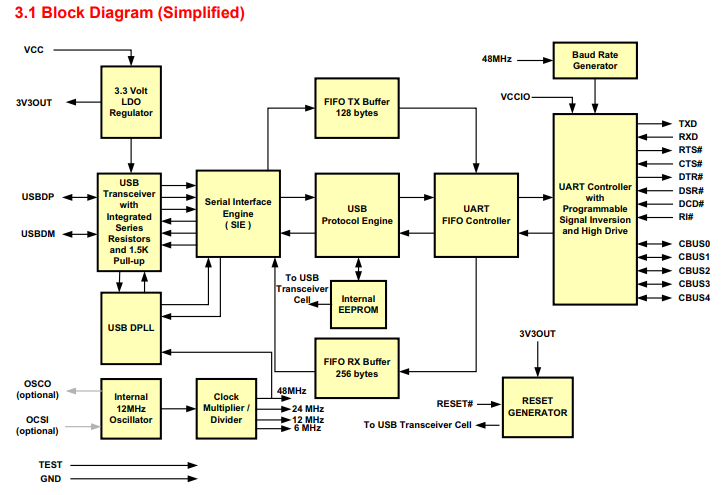
Student Email: zunigc2@unlv.nevada.edu

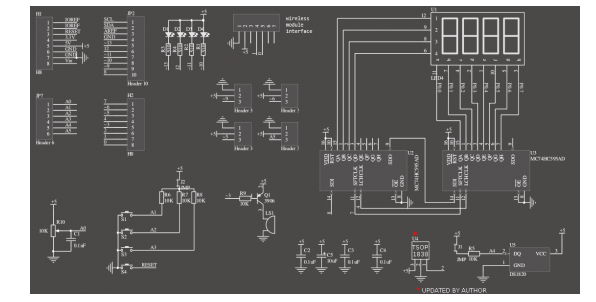
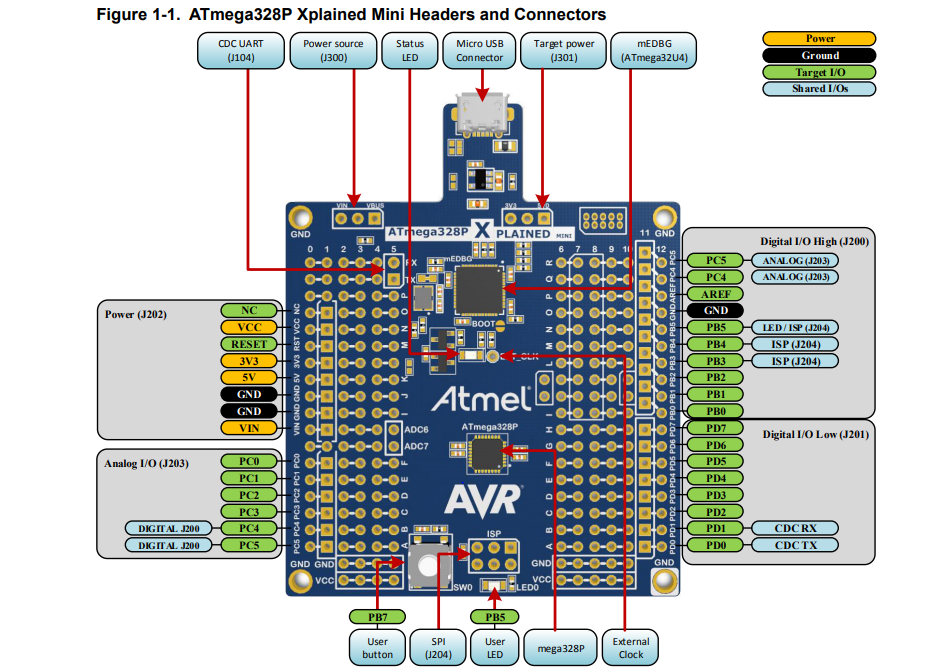
Primary Github address: https://github.com/cdaniel64/blassen/

Directory: DA3/DA3B

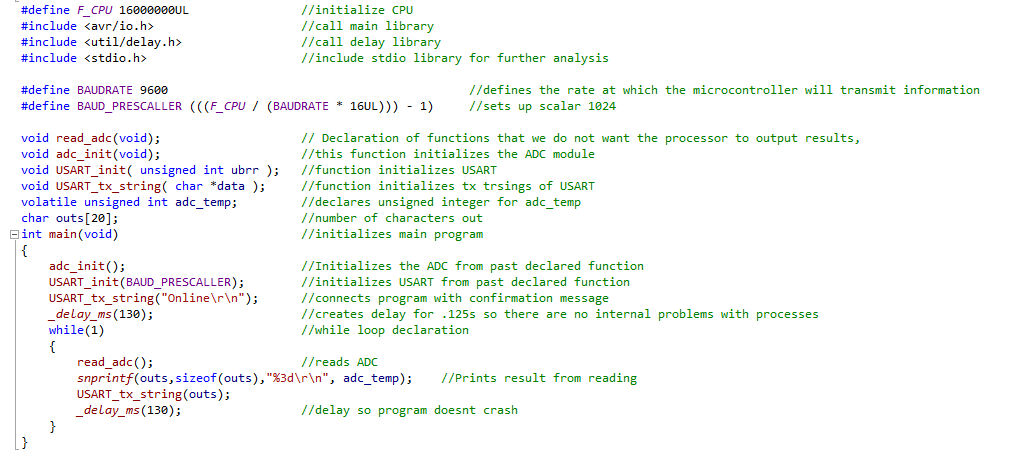
1. **COMPONENTS LIST AND CONNECTION BLOCK DIAGRAM w/ PINS**

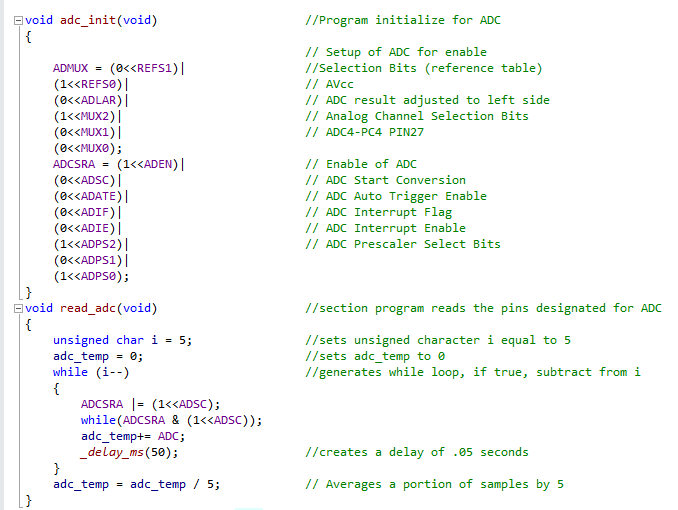
List of Components used

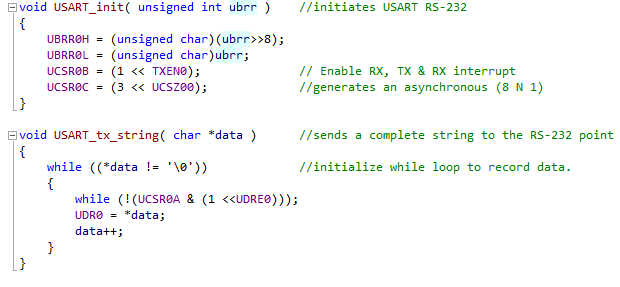
ATMEGA328P, HITLEGO Shield, and HITLEGO FTDR



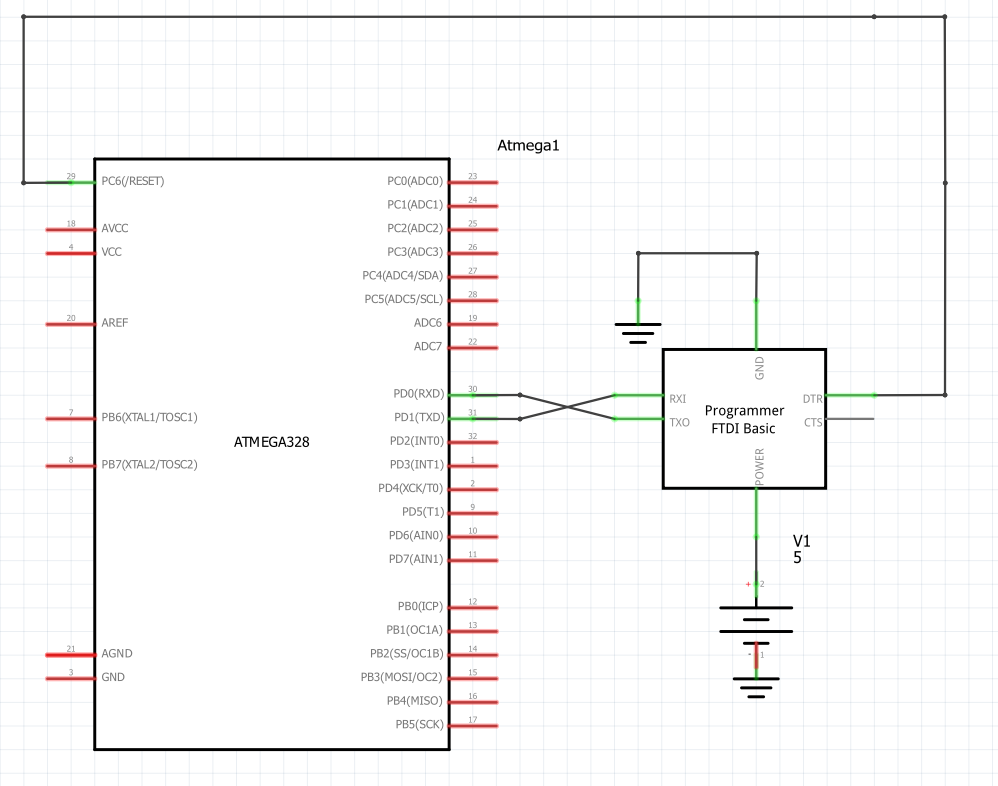
1. **INITIAL/MODIFIED/DEVELOPED CODE OF TASK 1**



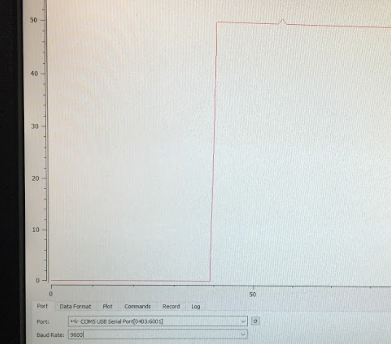




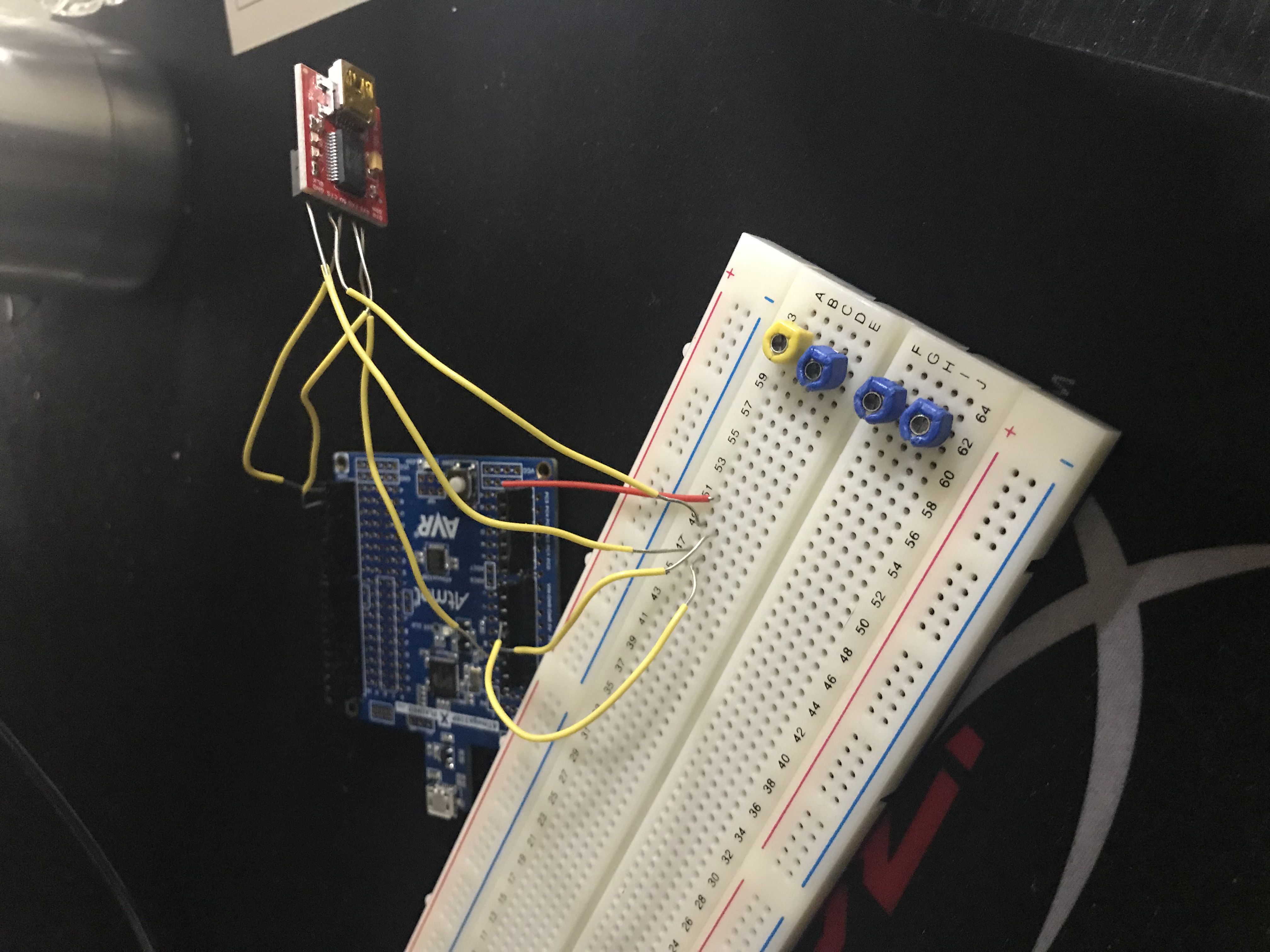
1. **SCHEMATICS**



1. **SCREENSHOTS OF EACH TASK OUTPUT (ATMEL STUDIO OUTPUT)**



1. **SCREENSHOT OF EACH DEMO (BOARD SETUP)**



1. **VIDEO LINKS OF EACH DEMO**

<https://www.youtube.com/watch?v=Kj_p-_9DEYM>

1. **GITHUB LINK OF THIS DA**
2. <https://github.com/cdaniel64/blassen>

**Student Academic Misconduct Policy**

<http://studentconduct.unlv.edu/misconduct/policy.html>

“This assignment submission is my own, original work”.