CPE301 – SPRING 2019

Design Assignment 6

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Primary Github address: [https://github.com/blassen/](https://github.com/blassen/Dessign%20Assignments/)

Directory: DA6

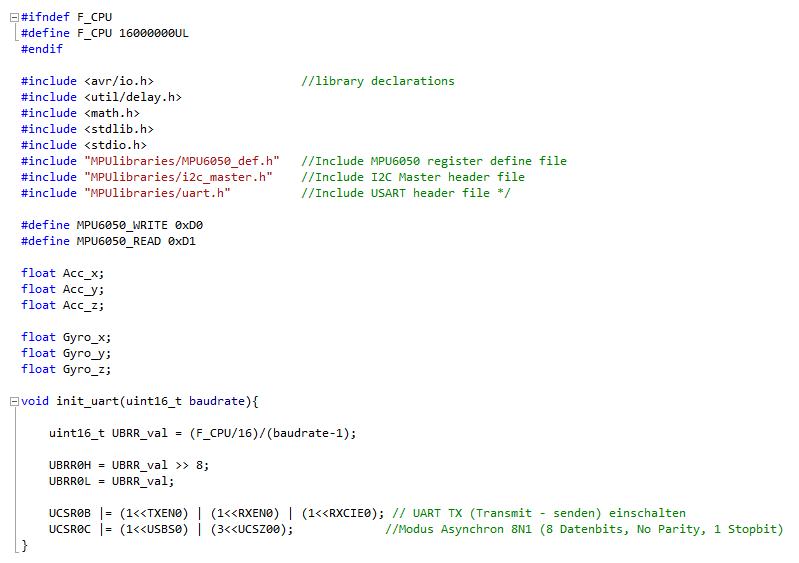
1. **COMPONENTS LIST AND CONNECTION BLOCK DIAGRAM w/ PINS**

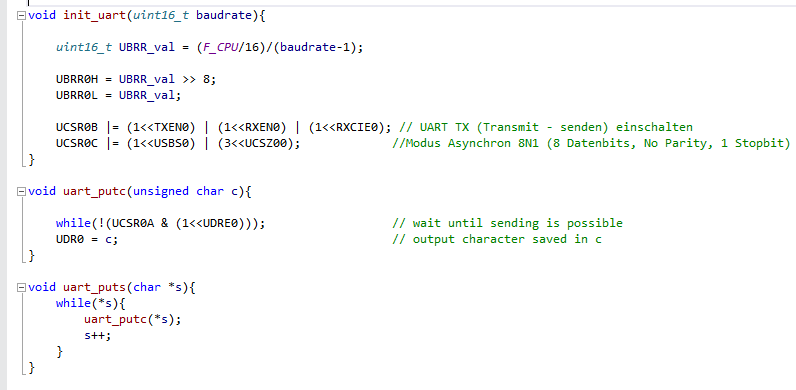
List of Components used

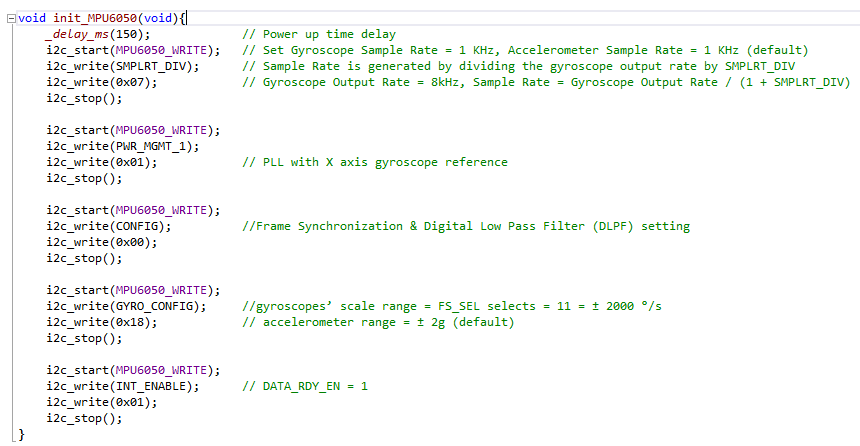
Block diagram with pins used in the Atmega328P

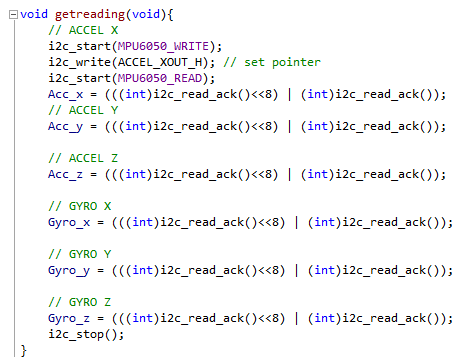
MPU6050

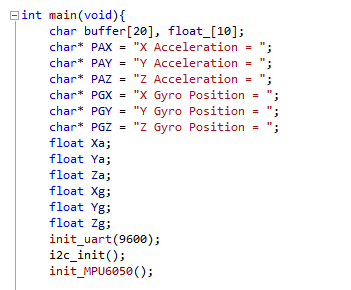
1. **INITIAL/MODIFIED/DEVELOPED CODE OF TASK 1/A**

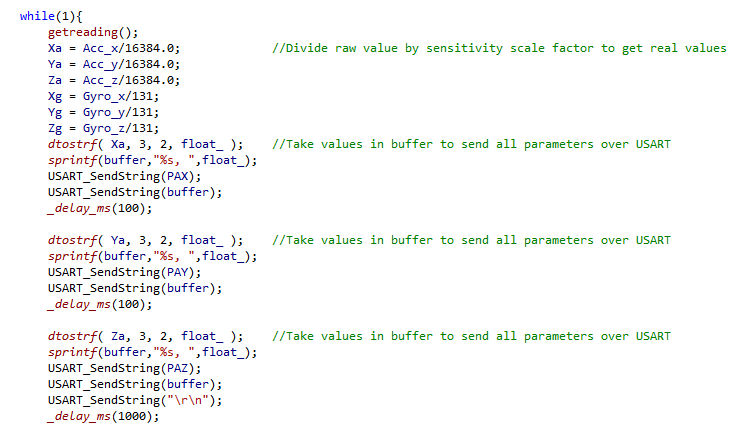


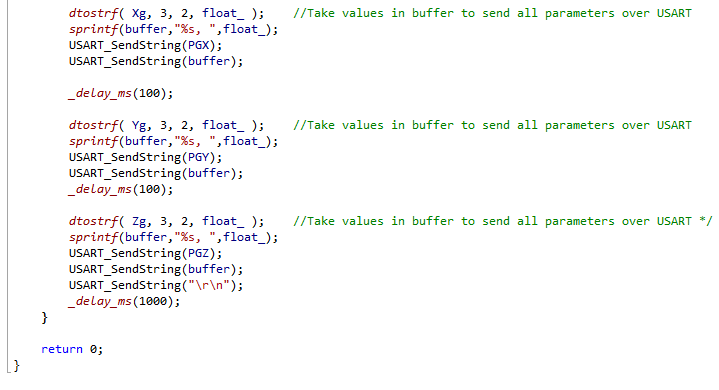




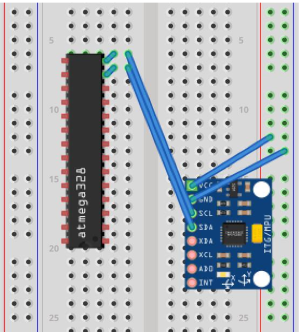




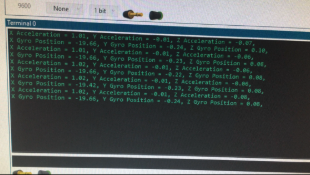




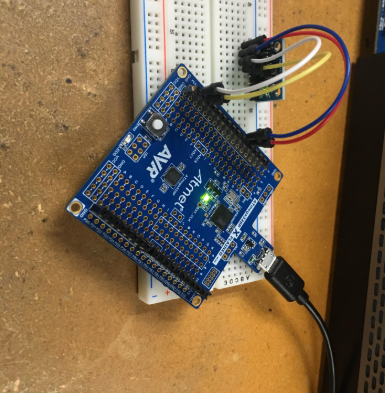
1. **SCHEMATICS**



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



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



1. **VIDEO LINKS OF EACH DEMO**

<https://youtu.be/YRbFuB-GOMU>

1. **GITHUB LINK OF THIS DA**

**https://github.com/blassen**

**Student Academic Misconduct Policy**

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

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