1. **Objectives:** During this lab, we developed an interface between embedded system components operating at different voltage levels, developed debugging techniques for transmitter (Tx)/receiver(Rx) systems, adapted a virtual port to provide serial communication with a wireless module, and implemented a text communication system between a PC and a previously used LCD display via an IEEE 802.15.4 – ZigBee wireless module.
2. **Hardware Design**: Page 2
3. **Software Design**:
4. **Measurement Data**:
5. **Analysis and Discussion** – None