
Light of the World

Altura, Appleton, Baur, Yurkovich

Meeting Agenda - 2.18.13

Leader: Joe

Note Taker: Brian

- ❖ Minutes from last week
 - Decided to use WBOMB wifi module due to lesser cost and greater reliability with antenna
 - James and Joe were able to ping server using demo program and board
 - Brian created working Spice model for 18 volt supply to feed switching regulator, pointed out usefulness of SPICE to show issues, such as in-rush current. Furthermore, suggested taking measurements of devices to create SPICE profiles.
 - Sean has started working on design of packaging/enclosure
- ❖ Individual accomplishments from past week
- ❖ Individual expectations for next week
- ❖ Design Review 1
 - Demonstrate android user interface
 - Demonstrate WiFi communication between microcontroller and server
 - Show progress toward power supply for 3.3V electronics
 - Show progress toward a flyback or buck converter layout
- ❖ Open items:
 - Start considering next steps past First Design Review
 - Example: Move off development board
- ❖ Upcoming deadlines
 - Low Level Design and Design Review I -- Feb. 25-Mar. 1
 - Design Review II -- prior to Apr. 1
 - Pre-demo Demo -- Apr. 22-Apr. 26
 - Demo and Documentation of Working Prototype -- May 3