

Agenda 04 Mar 2019

Meeting Ran by: Adam

Minutes Taken by: Mark

- ☐ Updates on tasks:
 - ☐ RSL10 Communication:
 - ☐ Continued work on custom protocol
 - ☐ Communication with AFE via SPI
 - ☐ LEDs/Photodiodes
 - ☐ Tested photodiode on LED/PD board. Values ranging from 20-200 uA with ~5mW optical power
 - ☐ Awaiting surface mount LEDs
 - ☐ RSL/AFE Schematic
 - ☐ Emailed board to Schafer for review
 - ☐ AFE/Kitboard Updates
 - ☐ AFE working with LCD to display register values and converted voltages from photodiode (demo if desired?)
- ☐ Questions for Professor Schafer

Timeline of Tasks:

- ☐ Have working Bluetooth connection 2/22/19
- ☐ Resolve remaining issues with AFE 3/1/19
- ☐ Have working diodes and photodetector 3/6/19
- ☐ Have MATLAB and bluetooth connections working together 3/22/19
- ☐ Have diodes and AFE board working together 3/22/19
- ☐ Refine MATLAB program with testing with diode 3/27/19
- ☐ Have completed Bill of Material 3/27/19