Luke Jaffe
Microprocessor-Based Design
Due 04/11/16

Progress Report 3

I. Achievements
- Integrate all code into Suraya's audio loopback project skeleton
- Modify "frequency profile" interface for integration with processing code and OLED code
- Successfully test real-time audio-loopback with fft, ifft, dummy processing
- Push code and discuss integration with Sean

II. Problems Faced and Solution Candidates
- Audio loopback has ambient noise- I assume this is unavoidable, but will try to reduce it
- Newest project code with OLED driver has issues, think it was mentioned this is being debugged?

III. Plans for Next Week
- Help Sean integrate frequency scaling code, and prepare full demo
- Adjust frequency profile functions to interface with Dan's OLED code