

Crystal Breath

Fourth Meeting: Subsystems Design

2/7/2013

12:30 PM – 1:30 PM

Meeting called by: Crystal Breath

Attendees: Nicholas Castro, Suong Do, Joe Duffy, Joe Levri, John Mullaney

Agenda/Meeting Leader: Joe Duffy

Minutes: Joe Levri

Time: 12:30 **Question/Task:** Were we able to successfully solder the microphone to the board and get a readable signal? **Location:** Stinson Remick

Status: Task was attempted on Sunday, Feb. 3rd

- Difficulties using solder paste
- Should we alter our strategy?

Question/Task: What do we need to do to prepare ourselves for programming the DSP chip? Will programming this chip be similar to the exercises we did during the first semester in programming the PicKit USB device. Basically, we need to understand how to associate the microphone to the DSP board such that we can do some signal processing with the microphone.

Action Item: Continue to work on completing the first subsystem (the microphone)

Status: In Progress

- We should use our stethoscope to find the best place on the neck to get the most useful signal. This will help us determine where to place the microphone.
- We need to meet up again sometime this weekend to work on this, especially if we have not yet gotten a readable signal from the microphone.
- Once this has been finished, we can start to worry about connecting the microphone to the DSP board.