

# Crystal Breath

## Fifth Meeting: More Subsystems Design

2/14/2013

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 Levri

Minutes: John Mullaney

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<b><u>Time:</u></b>	<b><u>Question/Task:</u></b> How do we place capacitors on board?	<b><u>Location:</u></b>
12:30	<b>Status:</b> We soldered the microphones on and attempted testing on Friday, Feb 8th <ul style="list-style-type: none"><li>- No consistent signal</li><li>- Capacitors are needed<ul style="list-style-type: none"><li>-Decoupling power to ground</li><li>-Decoupling output to power</li></ul></li></ul> <b>Action Item:</b> <ul style="list-style-type: none"><li>- Finish soldering MEMS boards</li><li>- Get in contact with medical school<ul style="list-style-type: none"><li>- Ask about procedure for listening to neck</li></ul></li></ul> <b>Status:</b> In Progress <ul style="list-style-type: none"><li>- We need a surgeon's professional opinion on placement of stethoscope, examples of healthy/unhealthy breathing, etc.</li><li>- We need to read a usable signal coming from the microphone to demonstrate that we will have something to measure</li><li>- Next item: working on DSP board</li></ul>	Stinson Remick

**Additional Information:**