**Name:**

**Board ID:**

1. Visualize data from e-skin and insert image of some taxels pressed.
   1. Run script `example01\_visualization.py`
   2. Press some taxels
   3. Press key ‘q’ to terminate the program and store last frame as ‘eskin\_visualization.png’
   4. Attach your last frame to this document.
2. Visualize the bend response of the e-skin.
   1. Run script `example01\_visualization.py`
   2. Bend the e-skin in the middle. Try to apply as little pressure to sensitive area, try to bend it by pressing in the edges.
   3. You should see value rising along the line where e-skin is bent.
   4. Press key ‘q’ to terminate the program and store last frame as ‘eskin\_visualization.png’
   5. Attach your figure to this document. Can this modality be useful and what for?
3. Evaluate crosstalk between taxels (phenomena when certain taxel is pressed but also other taxels are affected). Try to explain your observations.
   1. Run script `example02\_log2buffer.py`
   2. During logging time press one taxel
   3. Draw all taxels time series using method `draw\_all\_time\_series` (as show in script)
   4. Insert result figure into this file and comment what you observed with possible explanations (hint: mechanical and electrical sources, are taxels mechanically independent? Are used electrical components ideal?)
4. Evaluate temperature response.
   1. Take a cup (regular cup, not double walled cup!) of hot water (about 80-100-ish °C)
   2. Run script `example02\_log2buffer.py` with T=120
   3. After about 10s place the cup roughly 1cm from the e-skin
   4. After about 60s (70s total) put the cup away and let the log finishes
   5. Draw all taxels time series using method `draw\_all\_time\_series` (as show in script)
   6. Insert result figure into this file and comment your observations and what physical law causes this behavior? Is it helpful effect and if not what can be done about it?