



BITNG LAB UPDATE

Carl Demolder

Date 3/08/2021

Outline

- Progress to date
- Path forward

PROGRESS TO DATE

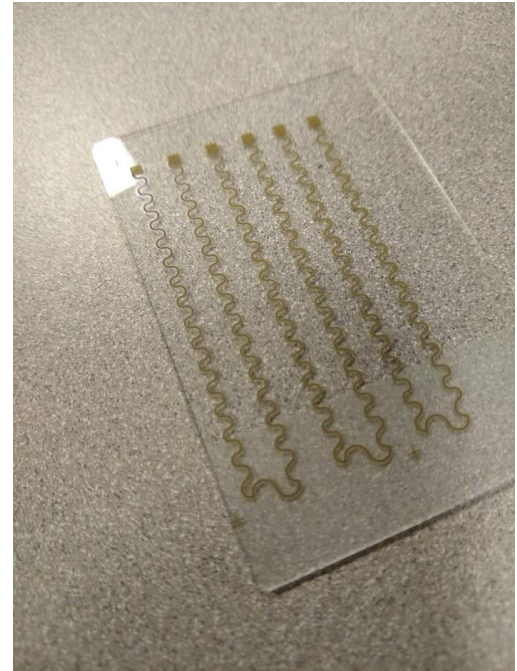
Progress from last week

- Shriner's project
 - Strain gauge
 - Firmware
 - Literature review

SHRINER'S PROJECT

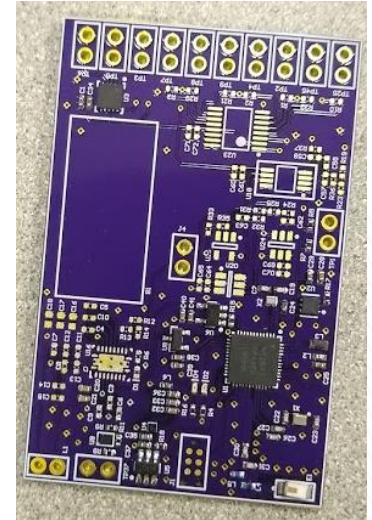
Strain Sensor: Round #8

- Sensor batch: 2/26
 - Manufacturing: Finished
 - Conductivity Test: ~600 ohms
 - ASSEMBLY: TO-DO
- Sensor batch: 3/5
 - Manufacturing: Failed
 - Uneven AgNW deposition
 - Possible clog??
- Sensor batch: 3/12
 - Manufacturing: TO-DO



Firmware Development

- Pressure sensor Flex PCB:
 - Waiting on PCBMinions order
- Secure DFU OTA
 - Over-the-air Bluetooth firmware update



Literature review

- Pre-draft complete
- Figures complete
- Going to edit and then email initial draft

PATH FORWARD

Path forward (3/08/21 – 3/15/21)

- Shriner's Project:
 - Literature review
 - Pre-draft editing
 - Strain gauge, round #8

APPENDIX