



BITNG LAB UPDATE

Carl Demolder

Date 5/24/2021

Progress from last week

- Shriner's project
 - Literature review revisions
- LP ECG
 - PCB redesign
- Chip socket programmer
 - PCB design

SHRINER'S PROJECT

Literature review revisions

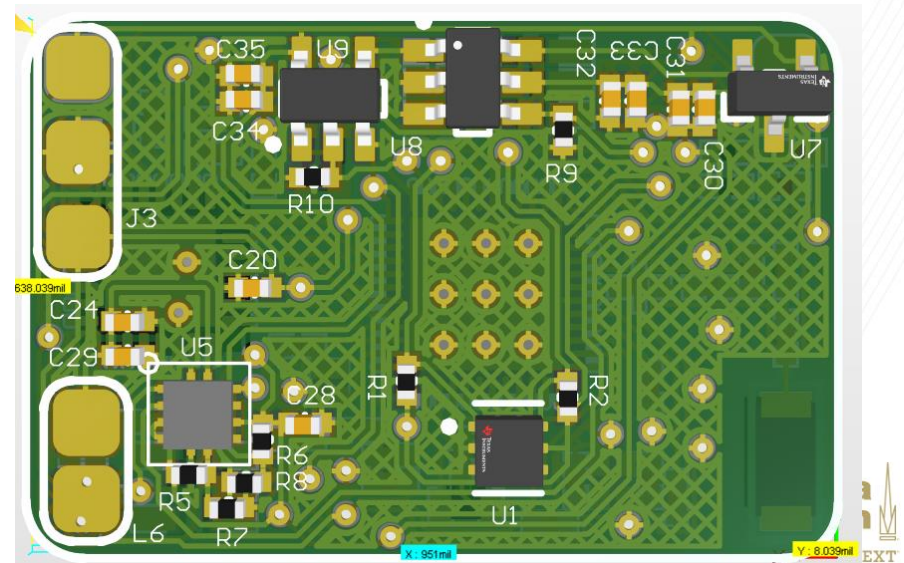
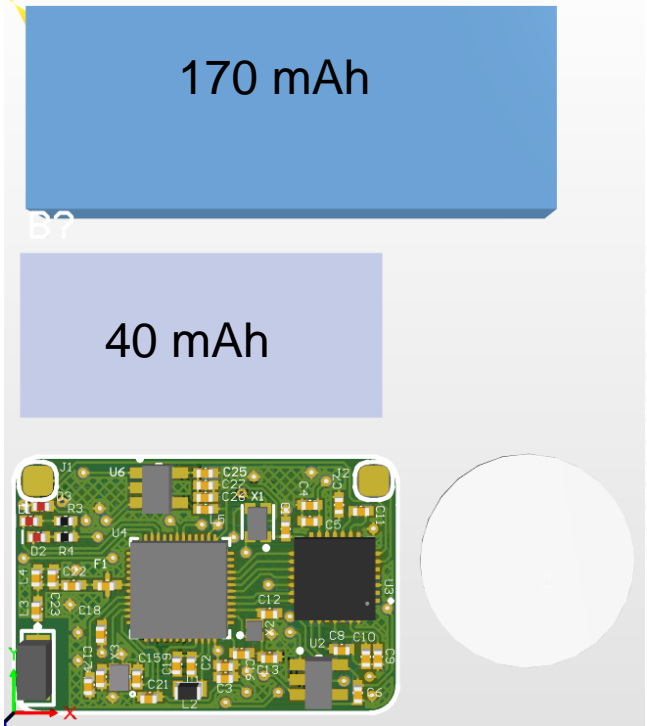
- Editor revisions
 - 13/17 comments addressed
 - 4/17 comments are assigned to Alicia
 - These comments are specific to sensory feedback device
 - My part of the revisions have been addressed (13/17)

Laser cutter training

- Laser cutter training
 - Shadow session 5/19 completed
 - Laser cutter sign off: this week with Richard

LP-ECG PCB Redesign

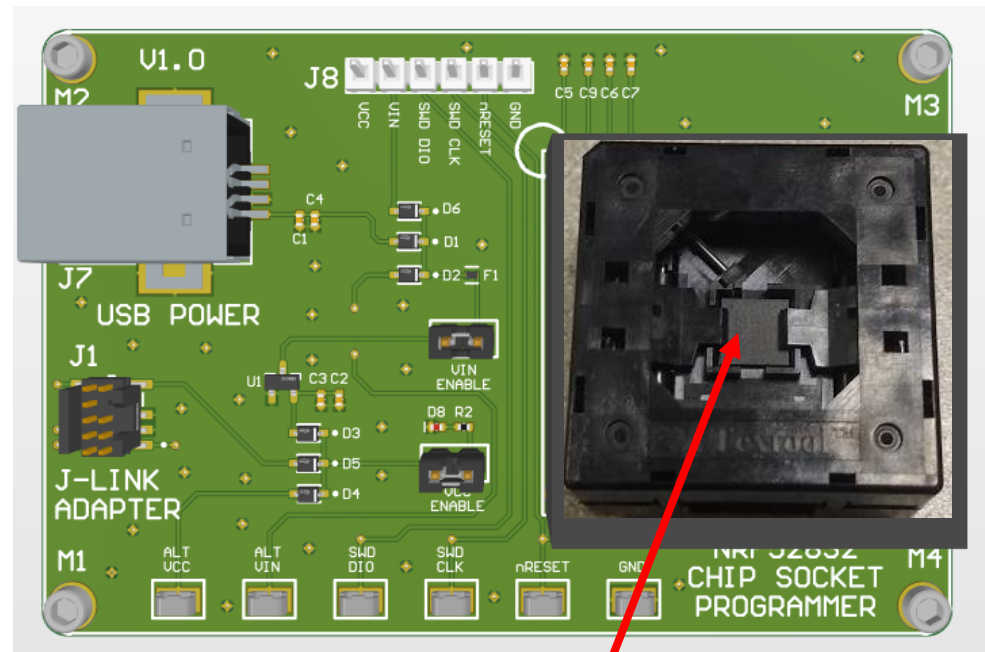
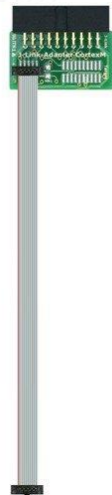
- Dimensions
 - 0.95" x 0.64"
- Ground Plane = Cross hatch
 - More flexible PCB
 - Rounded corners
- More efficient LDOs
- **Waiting to be ordered...**



Chip Socket Programmer

- Place nRF52 in chip socket
- Connect programmer
- Program chip seamlessly
- Solder nRF52 onto Flex PCB

ORDERED
DELIVERY: 5/25



NRF52

PATH FORWARD

Path forward (5/24/21 – 5/31/21)

- Shriner's Project:
 - PCB redesign
 - Literature review revisions
 - Strain sensor laser cutting

APPENDIX