



BITNG LAB UPDATE

Carl Demolder

Date 5/20/2021

Progress from last week

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

SHRINER'S PROJECT

Literature review revisions

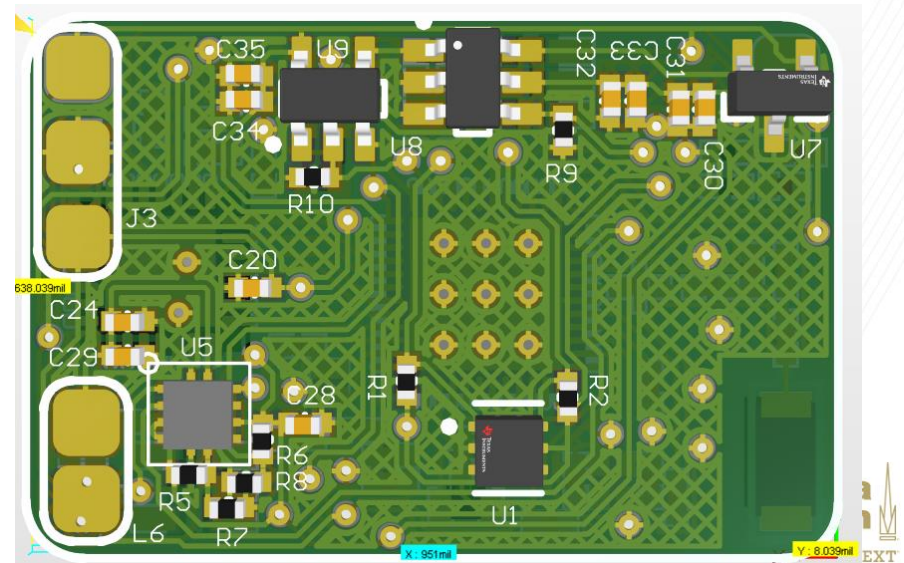
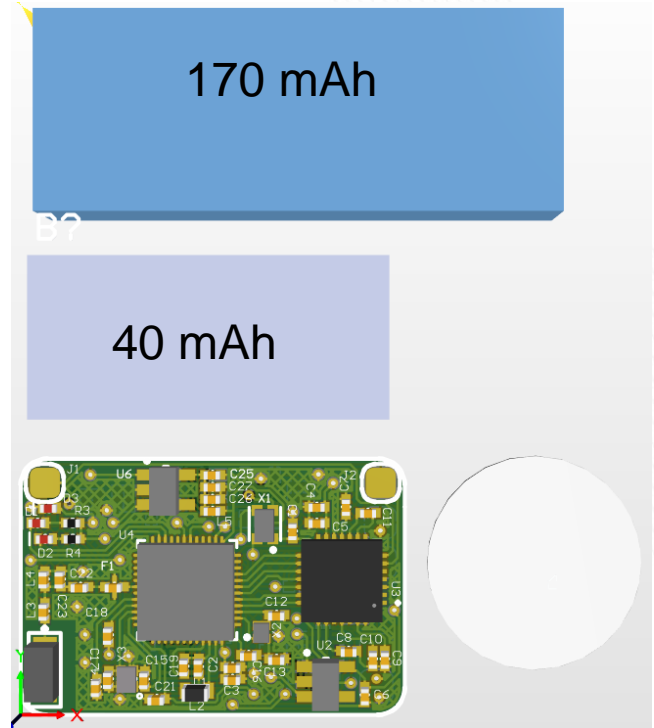
- Editor revisions
 - 7/11 comments addressed
 - Ongoing progress

Laser cutter training

- Laser cutter training
 - Shadow session 5/19
 - Laser cutter sign off: next week

LP-ECG PCB Redesign

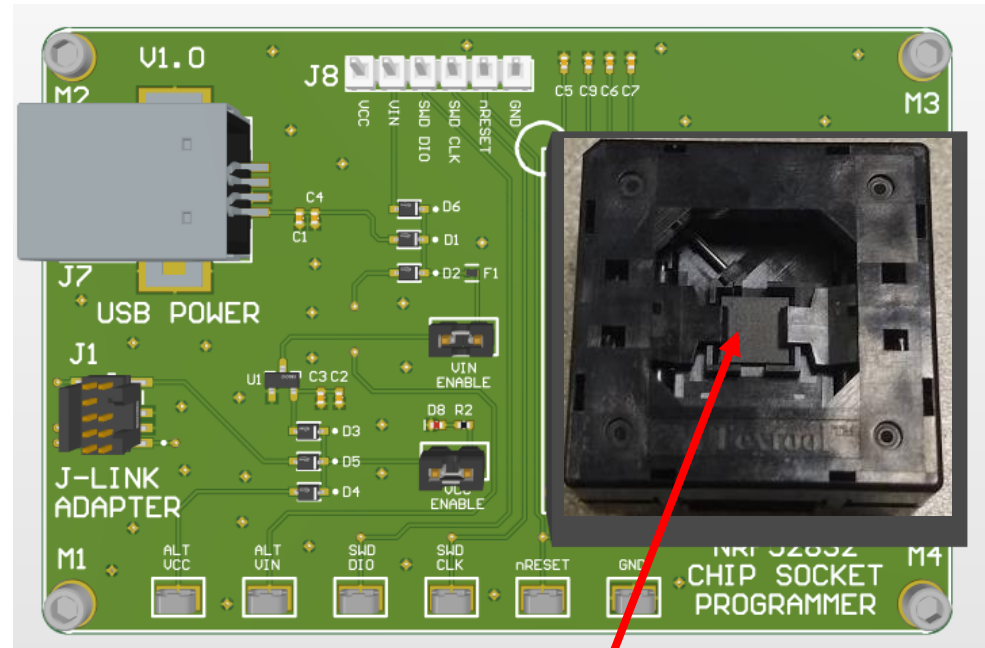
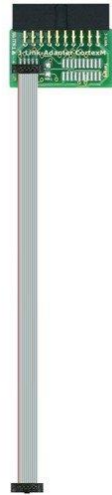
- Dimensions
 - 0.95" x 0.64"
- Ground Plane = Cross hatch
 - More flexible PCB
 - Rounded corners
- More efficient LDOs
- **Waiting to be ordered...**



Chip Socket Programmer

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

ORDERED



NRF52

PATH FORWARD

Path forward (5/17/21 – 5/24/21)

- Shriner's Project:
 - PCB Redesign
 - Literature review revisions

APPENDIX