

LOW POWER EMBEDDED DESIGN PROJECT UPDATE #8

Team Name: WearTech

Team Mates:

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Executive Summary:

Part Selection

Battery	GMB401215-45mAh
PMU IC	LT1965
Processor	EFR32BG13– f1024
Inductive Charging IC	BQ5103B
Battery Charger IC	BQ24040
Sensor	BMA280

As discussed, our project requires 2 Blue Gecko dev kits to act as devices in the mesh network.

On Schedule: Yes

Accomplishments:

- We have completed 100% of the schematics.
- Almost done with the Layouts.
- Started on Firmware development
- Worked on learning about BLE mesh

Next week:

- Get review for layouts
- Finalize components and get the board out for fabrication
- Continue working on Firmware Development
- Continue working on BLE mesh
- Test Inductive charging