

Where does it go when we are done?

- SPARC Lab or person who would like the unit will reimburse team member full cost to build.

Desired specs?

- 3 Channels
 - 0 to 30v dc per channel
 - 5A per channel
- 10 mV/mA resolution
- Dimensions = 200mm(W) x 150mm(H) x 300mm(D)

Unit cost goal for prototype build?

- < \$100

Project funding?

- Split cost evenly between all members.

Pretty front panel or rely on computer?

- Front panel user interface with screen, decide on control buttons later.

Mechanically modular?

- No, a robust design for repeatable and reliable pin connections are outside of available time frame.
- Use three channel hard configured ports.

Standards to use.

- SCPI standard for control.
- Team members to research assigned areas and determine other standards when more design specs are known.

Project Constraints (needs further discussion)

- economic - CHEAP BB
- environmental – EFFICIENCY
- manufacturability - Well we made it didn't we?
- health and safety - Radiated emissions?

Decisions are made by vote with ties decided by?

- In tie situation, team will discuss options and come to agreement.
- If no agreement reached, team leader to make final decision.

September 25, 2020

Discord will handle communication; meetings are Wednesday mornings at 9. Meetings will be recorded by hand and posted on the website.

SPARC lab and home shop are facilities to be used

Gantt chart created with excel and to be stored on Auburn BoxDrive for collaboration.

- Task were assigned to each member
- Rough draft of time frames created for task completion