Electrical power system battery module 4 cells Hardware:

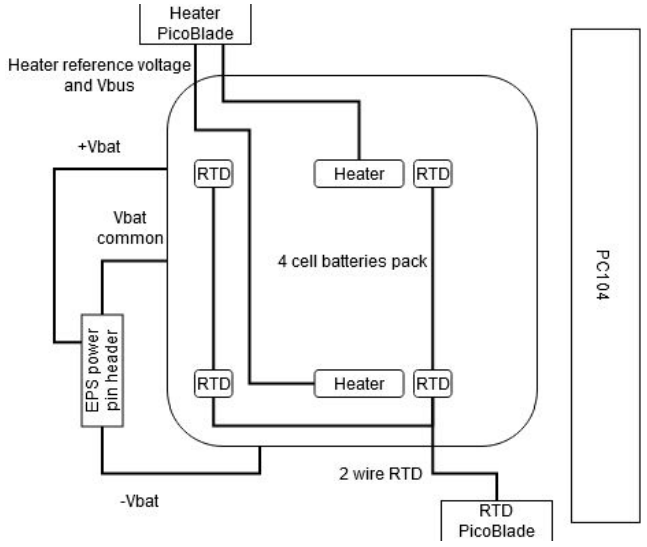
- Designed by: Amanda Batista Medeiros
- Based on FloripaSat-I Battery Board
- Reviewers: André M. P. Mattos
- Support: Gabriel M. Marcelino and Yan C. de Azeredo

Project github repository: https://github.com/spacelab-ufsc/battery-module-4c

Project info

Rev	Description	Date	Author
0.1	- Initial release - Hardware improvements and fixes based on the first EPS batteries board - Charge capacity increase, from 2 batteries (series) to 4 baterries (series/parallel)	04-Oct-2020	Andre M. P. Mattos

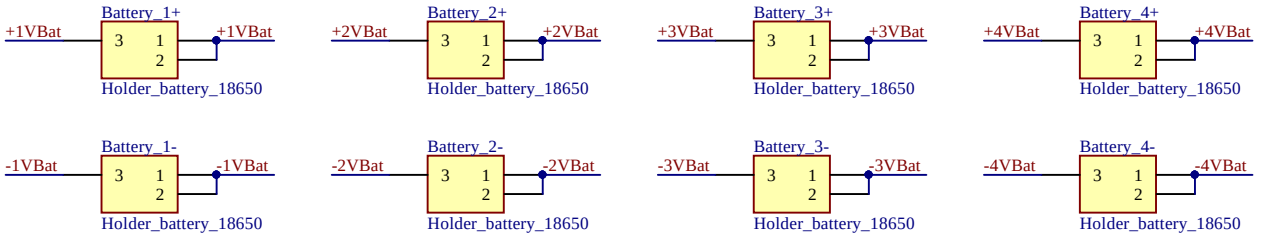
Revision History



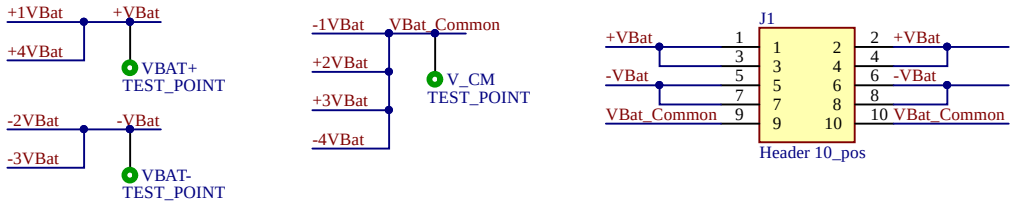
Block Diagram

SpaceLab - Federal University of Santa Catarina			
Project: *bat2_project.prjpcb / [No Variations]*			
Title: *Poject's info and block diagram*			
Designed by: *Amanda Batista Medeiros*			Project Code: *BAT4C*
Date: 1/22/2021	Revision: *v0.1*	Sheet *1* of *2*	Size: A4

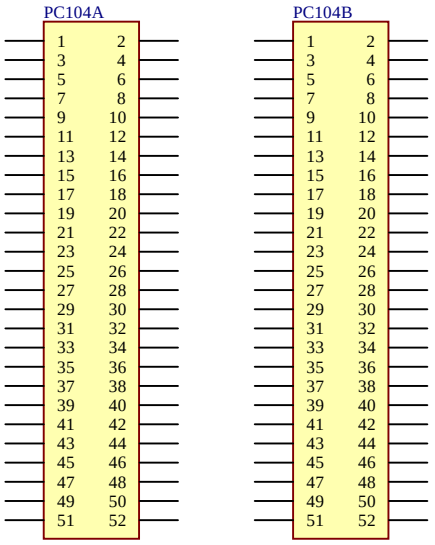
BATTERIES' CONNECTORS



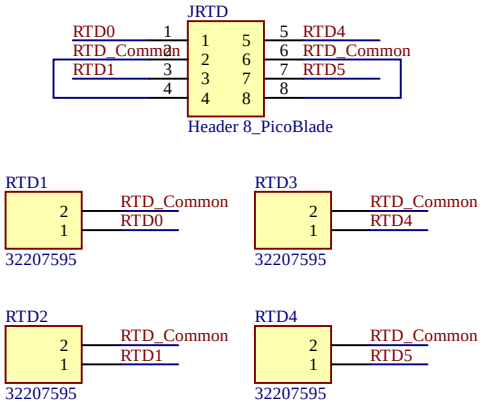
BATTERY CONNECTIONS



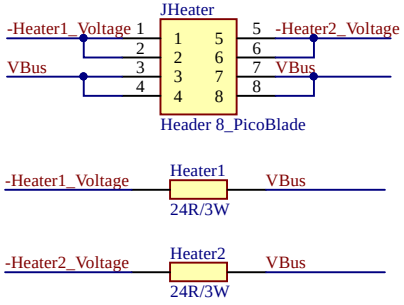
PC104 CONNECTIONS



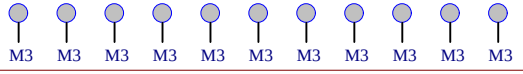
RTD SENSORS CONNECTIONS



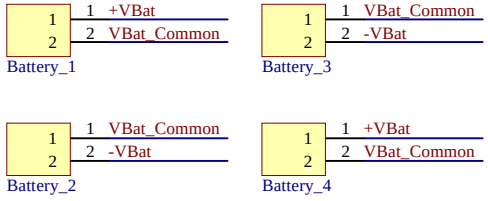
HEATER CONNECTION



MECHANICAL HOLES



BATTERIES' PADS



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Project: *bat2_project.prjpcb / [No Variations]*			
Title: *Batteries pads and connectors*			
Designed by: *Amanda Batista Medeiros*			Project Code: *BAT4C*
Date: 1/22/2021	Revision: *v0.1*	Sheet *2* of *2*	Size: A4