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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

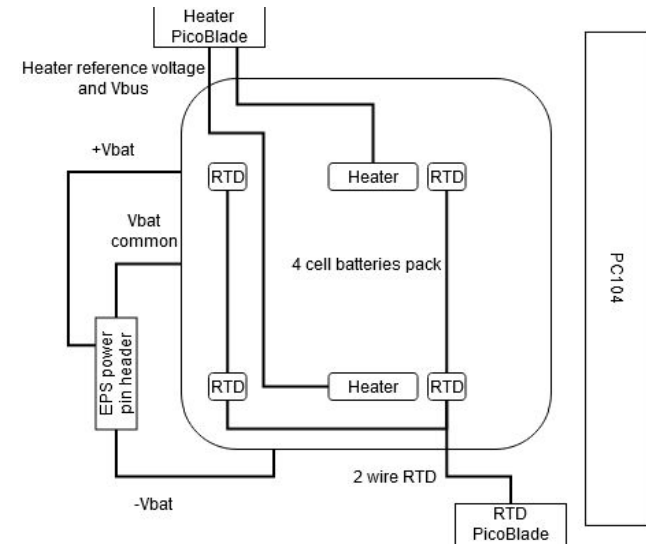
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Project github repository: <https://github.com/spacelab-ufsc/battery-module-4c>

Project info

Rev	Description	Date	Author
0.1	<ul style="list-style-type: none">- 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: *Project's info and block diagram*

Designed by: *Amanda Batista Medeiros*

Date: 1/22/2021

Revision: v0.1

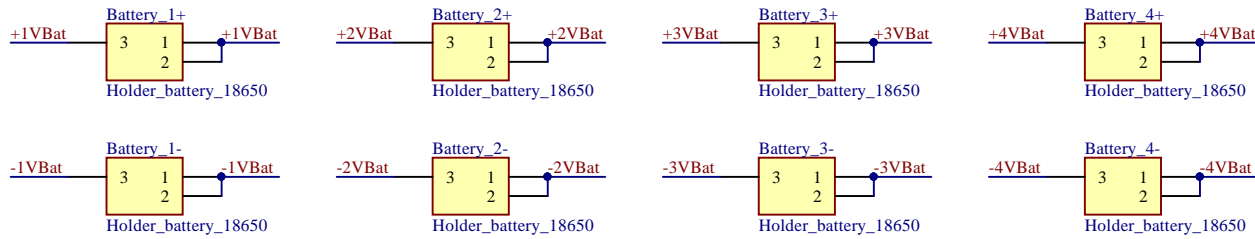
Sheet 1 of 2

Size: A4

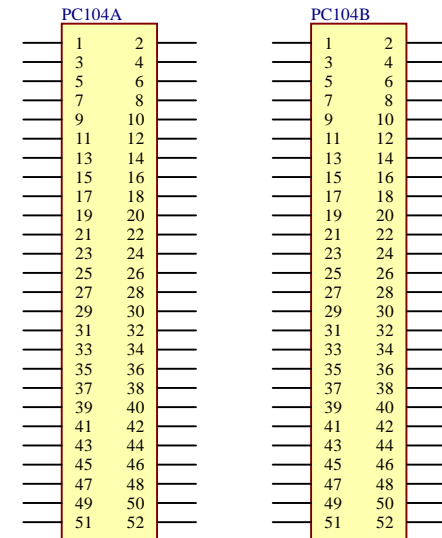


Project Code: *BAT4C*

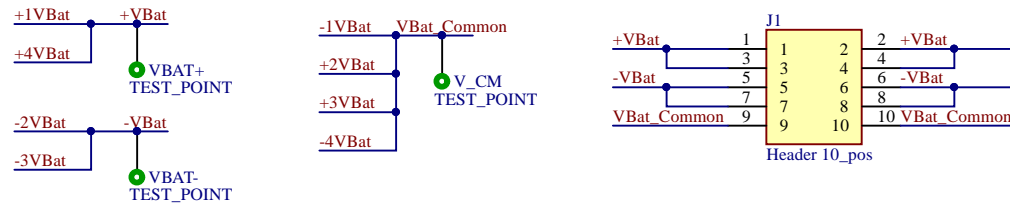
BATTERIES' CONNECTORS



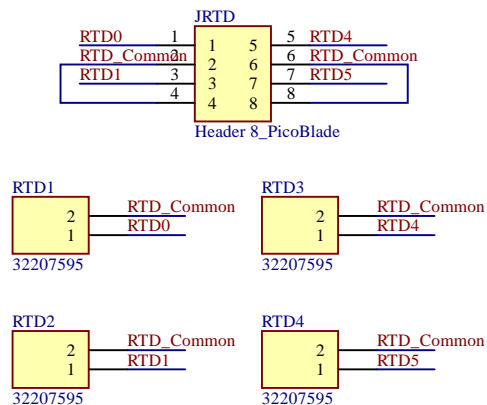
PC104 CONNECTIONS



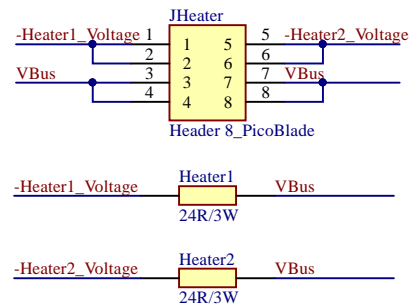
BATTERY CONNECTIONS



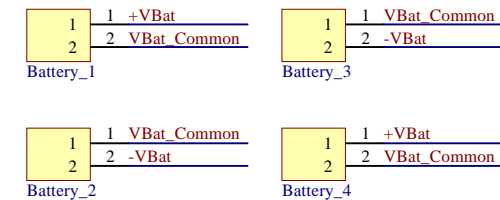
RTD SENSORS CONNECTIONS



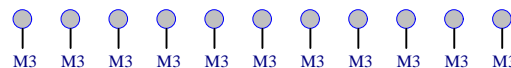
HEATER CONNECTION



BATTERIES' PADS



MECHANICAL HOLES



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Project: bat2_project.pripcb / [No Variations]

Title: Batteries pads and connectors

Designed by: Amanda Batista Medeiros

Date: 1/22/2021

Revision: v0.1

Sheet 2 of 2

Project Code: BAT4C

Size: A4