Rev	Description	Date (DD/MM/YY)	Author
1.0	Initial Release.	01/07/20	Yan C. de Azeredo
2.0	Adding fourth PCB "4_iip_closure" and "4_iip_camera" PCBs, updating mouting holes pads, block diagram, SpaceLab logo and layout of Nº3 IIP board.	28/06/21	Yan C. de Azeredo

Revision History

Fiducials

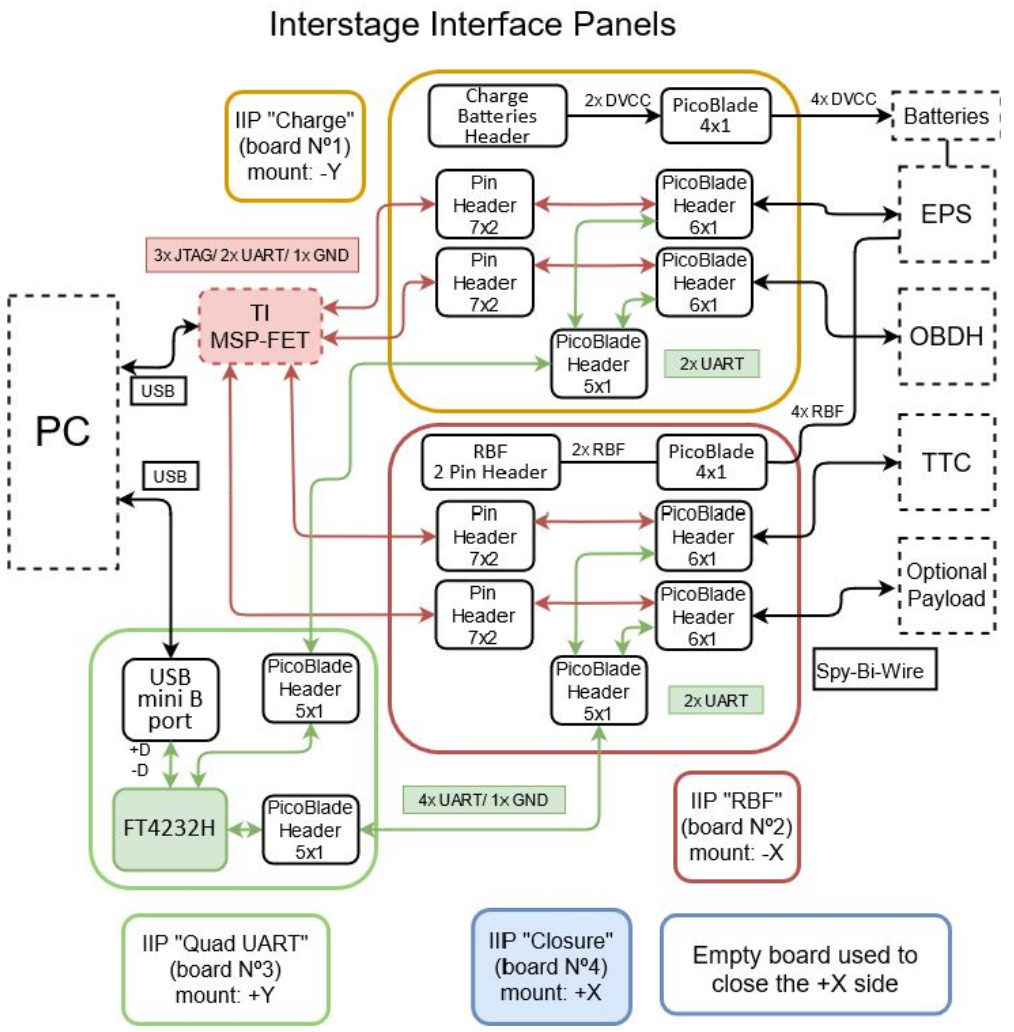
Mechanical Holes

M1 M2 M3 M4

PCB Elements

- Designed by: Yan Castro de Azeredo
- Reviewers: Gabriel M. Marcelino and André M. P. Mattos
- Support: Gabriel M. Marcelino, André M. P. Mattos and Kleber Gouveia
- Mechanical validation: Edemar M. Filho and Caique S. M. Gomes

Project Information

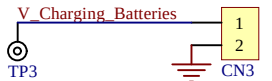


Full System Block Diagram

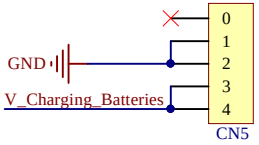
SpaceLab - Federal University of Santa Catarina			
Project: *1_iip_charge.PrjPCB / [No Variations]*			
Title: *IIP Hardware Architecture*			
Designed by: *Yan Castro de Azeredo*			Project Code: *IIP*
Date: 6/29/2021	Revision: *v2.0*	Sheet *1* of *2*	Size: A4

Battery charging headers

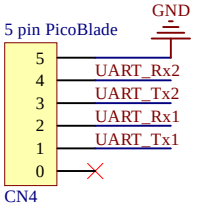
External JST XH header



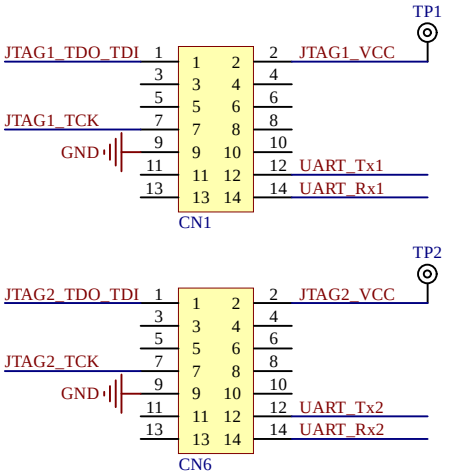
Internal PicoBlade to EPS



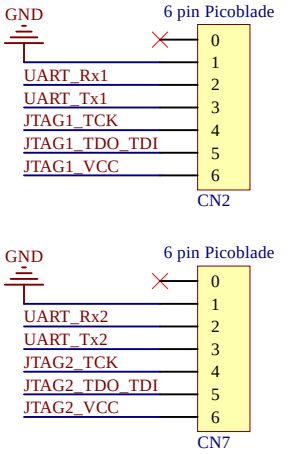
FT4232H UART signals



JTAG and reduntant UART headers



Debug and programming interfaces



SpaceLab - Federal University of Santa Catarina			
Project: *1_iip_charge.PrjPCB / [No Variations]*			
Title: *IIP N1 Charge Interfaces*			
Designed by: *Yan Castro de Azeredo*			Project Code: *IIPN1*
Date: 6/29/2021	Revision: *v2.0*	Sheet *2* of *2*	Size: A4