SPACELAB.GOLDS-UFSC.2020.06.001 REV A. ISSUE 0.1

GOLDS-UFSC Documentation

GOLDS-UFSC Documentation
SpaceLab, Universidade Federal de Santa Catarina, Florianópolis - Brazil

June 2020

GOLDS-UFSC Documentation
June, 2020

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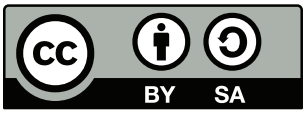
Revision Control:

Version	Author	Changes	Date
0.1	Gabriel M. Marcelino	Document creation	2020/06/05



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CHAPTER 1

Introduction

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1.1 Mission Description

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1.2 Mission Objectives

CHAPTER 2

Mission Requirements

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CHAPTER 3

Mission Schedule

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CHAPTER 4

Overall Description

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4.1 General Diagrams

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4.2 General Behaviour

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4.3 Power Budget

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4.5 PC-104 Bus

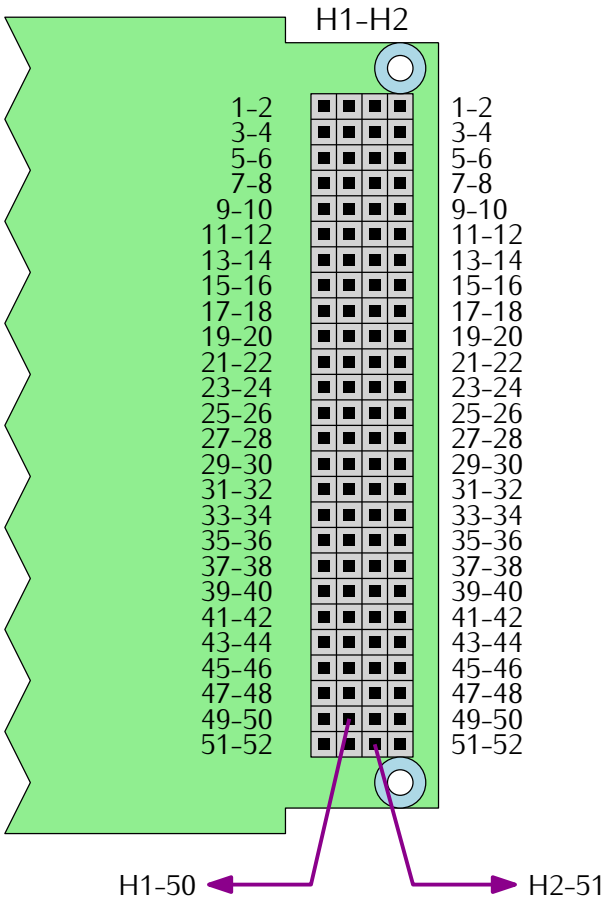

Figure 4.1: Reference diagram of the PC-104 bus.

CHAPTER 5

Subsystems

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5.1 On-Board Data Handling

OBDH

5.2 Telemetry, Tracking and Command Module

TTC

5.3 Electrical Power System

EPS

5.4 Attitude Determination and Control System

ADCS

5.5 Mechanical Structure

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5.6 Payloads

5.6.1 Environmental Data Collection

EDC

CHAPTER 6

Ground Segment

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CHAPTER 7

Operation Planning

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