

# PC-104 Adapter Documentation

PC-104 Adapter Documentation SpaceLab, Universidade Federal de Santa Catarina, Florianópolis - Brazil

## PC-104 Adapter Documentation October, 2020

**Project Chief:** Eduardo Augusto Bezerra

#### **Authors:**

Gabriel Mariano Marcelino

#### **Contributing Authors:**

André Martins Pio de Mattos Edemar Morsch Filho Yan Castro Azeredo

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### **CHAPTER 1**

## Introduction

[1] [2]

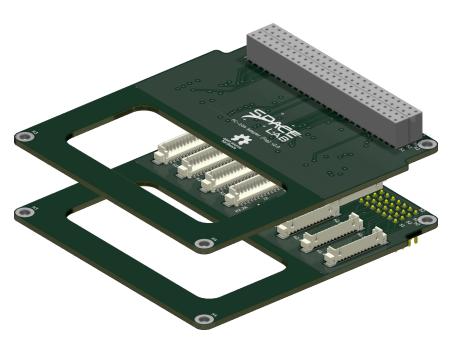


Figure 1.1: PC-104 adapter boards.

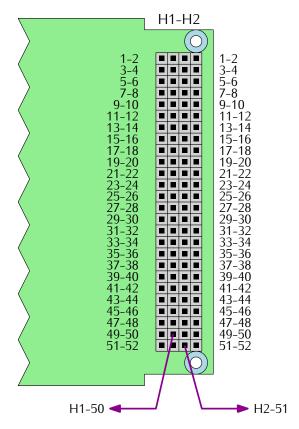


Figure 1.2: PC-104 pinout reference.

### **CHAPTER 2**

#### Hardware Overview

[3]

### 2.1 Top Board



Figure 2.1: Top view of the top board (real size).

#### 2.2 Bottom Board

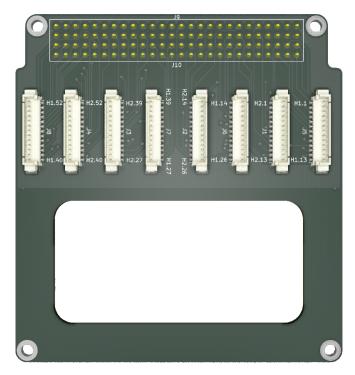


Figure 2.2: Bottom view of the top board (real size).

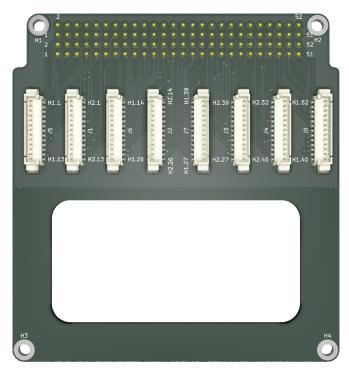


Figure 2.3: Top view of the bottom board (real size).



Figure 2.4: Bottom view of the bottom board (real size).

### Bibliography

- [1] Space Technology Research Laboratory (SpaceLab). *PC-104 Adapter*, 2020. Available at <a href="https://github.com/spacelab-ufsc/pc104-adapter">https://github.com/spacelab-ufsc/pc104-adapter</a>.
- [2] KiCad Developers Team. KiCad EDA, 2020. Available at <a href="https://kicad-pcb.org/">https://kicad-pcb.org/</a>.
- [3] Molex, LLC. *PicoBlade Connector System*, 2020. Available at <a href="https://www.molex.com/molex/products/family/picoblade">https://www.molex.com/molex/products/family/picoblade</a>.