Rover 2K CPU Card

|  |  |  |
| --- | --- | --- |
| **DOCUMENT** | : | Rover 2K. CPU card manufacturing documentation |
| **SUMMARY** | : | This document includes the manufacturing documentation for the Rover 2k CPU Card |
| **REFERENCE** | **:** | CPU |
| **STATUS** | **:** | Pending revision |
| **DATE** | **:** | 18/04/2022 |
|  |  |  |
| **LOCATION** | **:** | \\01.Documentation\02.Fabricacion\CPU\CPU-MD.docx |
| **FILE** | **:** | CPU-MD.Docx |
|  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **AUTHOR** | **CHECKED BY** | **APPROVED BY** |
| **NAME** | Javier Rodriguez |  |  |
| **SIGNATURE** |  |  |  |
| **DATE** |  |  |  |

Index

Index 2

Document History 3

Abbreviations 4

References 4

1 Introduction 5

2 Current modification state 5

3 Previous modification states 5

4 History of changes 5

*5* *Annexes* 6

Document History

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Date** | **Change** | **Author** |
| 0.1 | 18/04/2022 | Creation | Javier Rodriguez |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Abbreviations

|  |  |
| --- | --- |
| BOM | Bill Of Materials |
| PCB | Printed Circuit Board |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

References

# Introduction

This document describes the manufacturing documentation required to produce the CPU Card for the Rover 2k battery pack.

# Current modification state

Current board modification state is: A.

The associated manufacturing documentation is indicated in following table:

|  |  |  |  |
| --- | --- | --- | --- |
| Manufacturing document | Issue | File name | Location |
| Bill of materials | 6 | BATT\_PCBS\_BOM.xlsx | 01.Documentation\02.Fabricacion\CPU\BATT\_PCBS\_BOM.xlsx |
| PCB electric diagram | 5 | BATT\_CPU.brd/.sch | 01.Documentation\02.Fabricacion\CPU\ BATT\_CPU.brd/.sch |
| Assembly instructions | - | - | - |
| Test procedure |  |  |  |

Printed copies of these documents are included in annexes in Acrobat Reader PDF format.

# Previous modification states

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mod. state | Bill of materials | PCB | Assembly instructions | Test procedure |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# History of changes

|  |  |  |
| --- | --- | --- |
| Mod. state | Date | Changes |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Annexes

Here are Included the printed copies of the manufacturing documents in file F0001-FILES.zip [1] for latest modification state:

* Bill of materials
* PCB Electric diagram and component layout
* Test procedure
* Test record sheet
* Assembly instructions