|  |  |  |  |
| --- | --- | --- | --- |
| **VERSIONS** | | | |
| **REV** | **DESCRIPTION** | **DATE** | **APPROVAL** |
| A | EEPROM hex files for Falcon Batteries | Oct 19, 2016 | Chris Paul |
| B | Tooling modification  Design Capacity in the .gg file was increased from 4250 to 440mAHrs.The reason for this change was to improve gauging accuracy. | Dec 21, 2016 | Chris Paul |
| C | Bump up all revs because these versions will store data in the ATECC508A IC to deal with the EEPROM data corruption matter. | August 10, 2017 | Chris Paul |
| D | Release data files for BT-000318-51 rev A | March 15, 2018 | Chris Paul |
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*Note: Double clicking the schematics and prints will open the respective full quality PDF if using the Word version of this document*

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| --- | --- | --- | --- | --- | --- | --- |
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| APPROVAL | NAME | | DATE | **DESIGN SPECIFICATION** | | |
| DRAWN |  | |  |
| CHECKED |  | |  | TITLE:  SPECIFICATION,BTRY INTEL HEX, FALCON | | |
| EE |  | |  |
| ME |  | |  |
| CEG ENGR. |  | |  |
|  |  | |  | DOCUMENT NO. PD-000318-11 | | REV D |
|  |  | |  |  | **SHEET 1 OF 5** | |

1. Purpose of this Document

The purpose of this document is to provide hex files to be used in conjunction with Zebra document PD-003952-01 and PD-003953-01 to program the EEPROM in the Falcon terminal batteries. The EEPROM is a 1024-byte, 24C08-type, I2C-compatible device.

*Please note that the hexadecimal data listed in hex file format below should be placed in the battery EEPROM only after first being modified as described in the documents listed in the previous paragraph.*

1. Where Used

The hex files provided in this document are to be used in the battery pack listed above each file.

1. BT-000318-01, Most Nations

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Rev | Date | Description of Change | Reason for Change |
| A | Oct 19, 2016 | Initial release. | Initial release. |
| B | Dec 21, 2016 | Tooling modification | Tooling modification |
| C | August 10, 2017 | Write data to ATECC508A | Deal with EEPROM corruption |

Addresses: - - - - - - - - - - - - - - - Data - - - - - - - - - - - - - - Line Checksums

:10000000A503000000000000000000000011941291

:100010000A109910981180119011726460605E5CF2

:100020005A50463C321E140A058200253BA1002A84

:10003000002D0005F93200991126008F8556493EA2

:10004000350000000000000000000000000000007B

:1000500000000207010500BA006C0061024B0104B8

:10006000009B0067005F0302014500B10069005E6C

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:1000B0000EBA0EB80EAE0E820E880E990E990E88EC

:1000C0000E570E680E680E650E570E020E300E4269

:1000D0000E3C0E260BB80BB80BB80BB80BB8009B38

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:1000F0000000000000000000000000000000000000

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:1001100000640000012C2DBA000000000000000067

:100120004000E84268101A040000000000000000CF

:1001300042542D3030303331382D303125430000DA

:100140000000001BF7FF070F171F272F3788A27724

:10015000C7B6FBF6A205D8659264CAA48E83CC0903

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:100170007BDE81E49A8BBD40CA7D0DCC8335761938

:100180007A636F3D831B78147FC97276826F9831D2

:10019000B7D7C36413D9112A60FB6A71FD3A453F92

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:100210002E4217F208A9CBED0FAEB907EDD0AB0E09

:10022000CC10EF732EE32FF8E8ABD0EF88C91E1483

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:1003D0007926FA5D6505F6FD24B073FB911F8763EE

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1. BT-000318-02, India

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Rev | Date | Description of Change | Reason for Change |
| A | Oct 19, 2016 | Initial release. | Initial release. |
| B | Dec 21, 2016 | Tooling modification | Tooling modification |
| C | August 10, 2017 | Write data to ATECC508A | Deal with EEPROM corruption |

Addresses: - - - - - - - - - - - - - - - Data - - - - - - - - - - - - - - Line Checksums

:10000000A503000000000000000000000011941291

:100010000A109910981180119011726460605E5CF2

:100020005A50463C321E140A058200253BA1002A84

:10003000002D0005F93200991126008F8556493EA2

:10004000350000000000000000000000000000007B

:1000500000000207010500BA006C0061024B0104B8

:10006000009B0067005F0302014500B10069005E6C

:10007000104F104E10441042103A0FD50FED0FF4F0

:100080000FF30FEE0F5A0F7B0F920F9B0FA10F185C

:100090000F320F560F640F600EEE0EFE0F0A0F2385

:1000A0000F270ED40EDA0EE20EE60EE40EA00EB20C

:1000B0000EBA0EB80EAE0E820E880E990E990E88EC

:1000C0000E570E680E680E650E570E020E300E4269

:1000D0000E3C0E260BB80BB80BB80BB80BB8009B38

:1000E0003C020400000000000000000000000000CE

:1000F0000000000000000000000000000000000000

:10010000D00350800CD20FE6147805F4011E006E67

:1001100000640000012C2DBA000000000000000067

:100120004000E84268101A040000000000000000CF

:1001300042542D3030303331382D303225430000D9

:100140000000001AF7FF070F171F272F3788A27725

:10015000C7B6FBF6A205D8659264CAA48E83CC0903

:10016000C950827480FA8428792A838A7887840522

:100170007BDE81E49A8BBD40CA7D0DCC8335761938

:100180007A636F3D831B78147FC97276826F9831D2

:10019000B7D7C36413D9112A60FB6A71FD3A453F92

:1001A000315F4000005847CB395E2C000000000052

:1001B0000000000000DC6319637376B07B4E77BFEC

:1001C0006AC06E597AA8767169F385DCD20C8950C1

:1001D0001D4DA0710C2800FF36F011300300000007

:1001E0000C00000000000000000000000000000003

:1001F000000000000000000001D007C4092A2A07FF

:1002000050C17DD69340478BC9B6679DA7038F6DBC

:100210002E4217F208A9CBED0FAEB907EDD0AB0E09

:10022000CC10EF732EE32FF8E8ABD0EF88C91E1483

:100230009DD552B80DB53196F8A4FC750D9E2FE4EE

:1002400078BEE5A6A5416D42741D48C8FB6F1C0130

:10025000F1A5E7AB91CC2116AD03064772ED3CA8A2

:10026000C734C53702579534AC865BF946830967B6

:100270002DFDF73E785A8C08A9429BA944E6C43468

:1002800004442D1310AECCA5F6CF14EBCFCFA12490

:10029000F4BF2A962DEA7A3F95576D06A1B3FF70F9

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:10038000EE184787E90E0C6BD38429B4C338E6CA4C

:100390001EBD7B1567C32165BF65A7D098725D4BF5

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:1003C0001B899E6D73D8B4C68FAD07339B6C439F5A

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:1003F000784FD41B70324D431825869888A2B28C52

:00000001FF

1. BT-000318-03, Brazil

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Rev | Date | Description of Change | Reason for Change |
| A | Oct 19, 2016 | Initial release. | Initial release. |
| B | Dec 21, 2016 | Tooling modification | Tooling modification |
| C | August 10, 2017 | Write data to ATECC508A | Deal with EEPROM corruption |

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:100020005A50463C321E140A058200253BA1002A84

:10003000002D0005F93200991126008F8556493EA2

:10004000350000000000000000000000000000007B

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:10007000104F104E10441042103A0FD50FED0FF4F0

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:1000A0000F270ED40EDA0EE20EE60EE40EA00EB20C

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:1000C0000E570E680E680E650E570E020E300E4269

:1000D0000E3C0E260BB80BB80BB80BB80BB8009B38

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:1000F0000000000000000000000000000000000000

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:10016000C950827480FA8428792A838A7887840522

:100170007BDE81E49A8BBD40CA7D0DCC8335761938

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:10022000CC10EF732EE32FF8E8ABD0EF88C91E1483

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:1002400078BEE5A6A5416D42741D48C8FB6F1C0130

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:10026000C734C53702579534AC865BF946830967B6

:100270002DFDF73E785A8C08A9429BA944E6C43468

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:10029000F4BF2A962DEA7A3F95576D06A1B3FF70F9

:1002A000C376D336C36F120DC9E0FF38502B3A83A3

:1002B000FC2957B34FE21BF23E017085BEC5C59CB9

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:100390001EBD7B1567C32165BF65A7D098725D4BF5

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:1003D0007926FA5D6505F6FD24B073FB911F8763EE

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:1003F000784FD41B70324D431825869888A2B28C52

:00000001FF

1. BT-000318-51, Inventus, second source

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Rev | Date | Description of Change | Reason for Change |
| A | March 15, 2018 |  |  |

Addresses: - - - - - - - - - - - - - - - Data - - - - - - - - - - - - - - Line Checksums

:10000000A503000000000000000000000011941291

:100010000A109910981180119011726460605E5CF2

:100020005A50463C321E140A058200253BA1002A84

:10003000002D0005F93200991126008F8556493EA2

:10004000350000000000000000000000000000007B

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