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## SPC582Bx devices errata JTAG\_ID = 0x1114\_0041

### Introduction

This errata sheet describes functional and electrical problems of the SPC582Bx devices.

The reference documentation is reported in the [Section 2 Reference documents](#).

Device identification for cut 2.1:

- JTAG\_ID = 0x1114\_0041
- MIDR1 register:
  - MAJOR\_MASK[3:0]: 4'b0001
  - MINOR\_MASK[3:0]: 4'b0001
- BAF versions: 02.02 and 02.03

This document supports different BAF versions (see the [Section 1 BAF Image version](#)).

The list of errata and BAF errata are contained in a Microsoft Excel® workbook files attached to this document.

Locate the paperclip symbol on the left side of the PDF window, and click it. Double-click on the Excel file to open it.

## 1 BAF Image version

The BAF version is a 32-bit field in the image header starting at address 0x0040\_4000. The 32 bit field is explained in the following table.

**Table 1. BAF Image version registers**

| Field | Description  |
|-------|--|
| 0:7   | Major Number: this field contains the major version number for the BAF image |
| 8:15  | Minor Number: this field contains the minor version number for the BAF image |
| 16:31 | Reserved   |

## 2 Reference documents

Table 2. Reference documents

| Doc name | ID     | Title  |
|----------|--------|--|
| RM0403   | 027949 | SPC58 2B Line - 32 bit Power Architecture automotive MCU z2 core 80 MHz, 1 MByte Flash, ASIL-B   |
| DS11597  | 029210 | SPC58 2B Line - 32 bit Power Architecture automotive MCU Single core 80Mhz, 1MByte Flash, ASIL-B |

## Revision history

Table 3. Document revision history

| Date        | Version | Changes  |
|-------------|---------|--|
| 14-Nov-2017 | 1       | Initial release.   |
| 19-Apr-2018 | 2       | <b>Reworded Errata:</b><br>PS2120<br><b>Added Errata:</b><br>DAN-0041121 DAN-0041154 DAN-0041182 DAN-0044114 DAN-0045130<br>DAN-0046117 DAN-0046403 DAN-0046404 DAN-0046405 DAN-0046406<br>DAN-0046407<br><b>Removed Errata:</b><br>DAN-0043536 DAN-0044143<br><b>Added BAF Errata v2.2</b>                          |
| 21-Feb-2019 | 3       | <b>New Errata:</b><br>DAN-0041329 DAN-0047244 DAN-0047413 DAN-0047977 DAN-0047979<br>DAN-0048579 DAN-0048589 DAN-0048638 DAN-0049028<br><b>Reworded Errata:</b><br>PS1739 PS2407 PS2949<br>DAN-0041182<br>ERR007869<br><b>Renamed Errata:</b><br>DAN-0042574 (was PS2476)<br>DAN-0042597 (was ERR007512)             |
| 24-Jul-2019 | 4       | <b>New Errata:</b><br>DAN-0049526<br><b>Fixed in referenced documentation:</b><br>DAN-0041154 DAN-0043260 DAN-0046403 DAN-0046404 DAN-0046405<br>DAN-0046406 DAN-0046407 DAN-0046117 DAN-0047244 DAN-0048579<br>DAN-0048589 DAN-0048638 DAN-0049028  |
| 25-Sep-2019 | 5       | <b>New Errata:</b><br>DAN-0050634 DAN-0050636  |
| 07-Apr-2020 | 6       | <b>New Errata:</b><br>DAN-0046403 DAN-0050583 DAN-0051391 DAN-0051956 DAN-0052114<br>DAN-0052148 DAN-0052251   |
| 11-Jun'2021 | 7       | <b>New Errata:</b><br>DAN-0051663 DAN-0052753 DAN-0053230 DAN-0054221 DAN-0054282<br>DAN-0055017 DAN-0055034 DAN-0055525<br>ERR009658 ERR010542<br><b>Reworded Errata:</b><br>DAN-0042615<br><b>Fixed in referenced documentation:</b><br>DAN-0046403 DAN-0051391 DAN-0051956 DAN-0052114 DAN-0052148<br>DAN-0052251 |
| 22-Nov-2023 | 8       | <b>New Errata:</b><br>DAN-0056530 DAN-0059884 DAN-0055034  |

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