

Introduction

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

The reference documentation is reported in [Chapter 2: Reference document](#).

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 [Chapter 1: BAF Image version](#) to know how to detect the BAF 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 document

Table 2. Reference documents

Doc name	ID	Title	Revision
RM0403	027949	SPC58 2B Line - 32 bit Power Architecture automotive MCU z2 core 80 MHz, 1 MByte Flash, ASIL-B	7
DS11597	029210	SPC58 2B Line - 32 bit Power Architecture automotive MCU Single core 80Mhz, 1MByte Flash, ASIL-B	4

Revision history

Table 3. Document revision history

Date	Revision	Changes
14-Nov-2017	1	Initial release.
19-Apr-2018	2	Reworded Errata – PS2120 Added Errata – DAN-0041121 – DAN-0041154 – DAN-0041182 – DAN-0044114 – DAN-0045130 – DAN-0046117 – DAN-0046403 – DAN-0046404 – DAN-0046405 – DAN-0046406 – DAN-0046407 Removed Errata – DAN-0043536 – DAN-0044143 Added BAF Errata v2.2

Table 3. Document revision history (continued)

Date	Revision	Changes
22-Feb-2019	3	New Errata – DAN-0041329 – DAN-0047244 – DAN-0047413 – DAN-0047977 – DAN-0047979 – DAN-0048579 – DAN-0048589 – DAN-0048638 – DAN-0049028 Reworded errata – PS1739 – PS2407 – PS2949 – DAN-0041182 – ERR007869 Renamed errata – DAN-0042574 (was PS2476) – DAN-0042597 (was ERR007512) Added BAF Errata v2.3
24-Jul-2019	4	New Errata DAN-0049526 Fixed in referenced documentation DAN-0041154 DAN-0046403 DAN-0046404 DAN-0046405 DAN-0046406 DAN-0046407 DAN-0046117 DAN-0047244 DAN-0048579 DAN-0048589 DAN-0048638 DAN-0049028
25-Sept-2019	5	New Errata DAN-0050634 DAN-0050636

Table 3. Document revision history (continued)

Date	Revision	Changes
07-Apr-2020	6	New Errata DAN-0046403 DAN-0050583 DAN-0051391 DAN-0051956 DAN-0052114 DAN-0052148 DAN-0052251
21-Jun-2021	7	New Errata DAN-0051663 DAN-0052753 DAN-0053230 DAN-0054221 DAN-0054282 DAN-0055017 DAN-0055034 DAN-0055525 ERR009658 ERR010542 Reworded errata DAN-0042615 Fixed in referenced documentation DAN-0046403 DAN-0051391 DAN-0051956 DAN-0052114 DAN-0052148 DAN-0052251

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