

Introduction

This errata sheet describes the functional and electrical problems of the SPC58xCx devices. The reference documentation is reported in [Chapter 2: Reference documents](#).

Device identification for cut 1.1:

- JTAG_ID = 0x1014_2041
- MIDR1 register:
 - MAJOR_MASK[3:0]: 4'b0000
 - MINOR_MASK[3:0]: 4'b0001

This document supports different BAF versions (see [Chapter 1: BAF Image version](#) to know how to detect the BAF version).

Errata and BAF related errata are contained in the Microsoft Excel[®] workbook files attached to this document.

Locate the paper clip symbol on the left side of the PDF window, and click it. Double-click on the Excel files to open them.

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	Revision
RM0407	028117	SPC58 C Line - 32 bit Power Architecture automotive MCU Dual z4 cores 180 MHz, 4 MBytes Flash, HSM, ASIL-B	7
DS11620	029264	SPC58 C Line - 32 bit Power Architecture automotive MCU Dual z4 cores 180 MHz, 4 MBytes Flash, HSM, ASIL-B	7

Revision history

Table 3. Document revision history

Date	Revision	Changes
28-Jul-2017	1	Initial release
15-Feb-2018	2	<p>New BAF errata:</p> <ul style="list-style-type: none"> – BAF 01.03 Errata – BAF 01.04 Errata <p>Errata moved in the BAF Errata 01.03</p> <ul style="list-style-type: none"> – DAN-0043190 <p>New errata:</p> <ul style="list-style-type: none"> – DAN-0040827; DAN-0041154; DAN-0041182; DAN-0044114 – DAN-0043994; DAN-0044474; DAN-0044555; DAN-0044709; – DAN-0045072; DAN-0046023 <p>– Removed errata:</p> <ul style="list-style-type: none"> – DAN-0043141; DAN-0043276; DAN-0043502; DAN-0043504 – DAN-0043511; DAN-0043533; DAN-0043581; DAN-0043624 – DAN-0043627
03-Oct-2018	3	<p>New errata:</p> <ul style="list-style-type: none"> – DAN-0040438 – DAN-0040827 – DAN-0046230 – DAN-0046365 – DAN-0047220 – DAN-0047782 – DAN-0047977 – DAN-0047979 – DAN-0048139 <p>Reviewed errata:</p> <ul style="list-style-type: none"> – PS2120 <p>Renamed errata:</p> <ul style="list-style-type: none"> – DAN-0040273 replaces PS1957 – DAN-0040731 replaces PS2441 – DAN-0040764 replaces PS2475 – DAN-0040765 replaces PS2476. – DAN-0042494 replaces ERR007412 – DAN-0042498 replaces ERR008117

Table 3. Document revision history (continued)

Date	Revision	Changes
22-Jul-2019	4	New Errata DAN-0047413 DAN-0048626 DAN-0048660 DAN-0048760 DAN-0048894 DAN-0049215 DAN-0049219 DAN-0049535 DAN-0049559 DAN-0049777 DAN-0049811 DAN-0049821 DAN-0049972 DAN-0050087
		Removed Errata PS2634 DAN-0041154 DAN-0043030 DAN-0043713 DAN-0044474 DAN-0046023 DAN-0046230 DAN-0046365 DAN-0047220 DAN-0048139 ERR007178 ERR007791 ERR008145 Reviewed Errata DAN-0040273

Table 3. Document revision history (continued)

Date	Revision	Changes
24-Jun-2020	5	<p>New Errata</p> <p>DAN-0049716 DAN-0050171 DAN-0050583 DAN-0050590 DAN-0050614 DAN-0051637 DAN-0051841 DAN-0052302 DAN-0052304 DAN-0052305 DAN-0052319 DAN-0052320 DAN-0052321 DAN-0052349 DAN-0052350 DAN-0052351 DAN-0052354 DAN-0052387 DAN-0052398 DAN-0052404 DAN-0052499 DAN-0052512 DAN-0052808 DAN-0052810 ERR009658 ERR010542</p> <p>Removed Errata</p> <p>PS2067</p> <p>Reviewed Errata</p> <p>PS3022 DAN-0040273 DAN-0042615</p>

Table 3. Document revision history (continued)

Date	Revision	Changes
22-Mar-2021	6	New Errata
		DAN-0051663 DAN-0052753 DAN-0053230 DAN-0053830 DAN-0053968 DAN-0054221 DAN-0055017 DAN-0055037 DAN-0055170
		Removed Errata
		DAN-0049559
		DAN-0049777
		DAN-0049821
		DAN-0050087
		DAN-0050171
		DAN-0050590
		DAN-0051637
		DAN-0051841
		DAN-0052302
		DAN-0052304
		DAN-0052305
		DAN-0052319
		DAN-0052320
		DAN-0052321
		DAN-0052349
		DAN-0052350
		DAN-0052351
		DAN-0052354
		DAN-0052387
		DAN-0052398
		DAN-0052404
		DAN-0052499
		DAN-0052512
DAN-0052808		
DAN-0052810		
09-Apr-2021	7	Updated Table 2: Reference documents .

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