

## Introduction

This errata sheet describes functional and electrical problems of the SPC58EHx, SPC58NHx devices.

The reference documentation is reported in [Chapter 1: Reference document](#).

Device identification for cut 2.0:

- JTAG\_ID = 0x0114\_6041
- MIDR1 register:
  - MAJOR\_MASK[3:0]: 4'b0001
  - MINOR\_MASK[3:0]: 4'b0000

Errata are contained in 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 file to open it.

# 1 Reference document

**Table 1. Reference documents**

| Doc name | ID     | Title   | Revision |
|----------|--------|---|----------|
| RM0452   | 031241 | SPC58 H Line - 32 bit Power Architecture automotive MCU Triple z4 cores 200 MHz, 10 MBytes Flash, HSM, ASIL-D | 4        |
| DS12304  | 031027 | SPC58 H Line - 32 bit Power Architecture automotive MCU Triple z4 cores 200 MHz, 10 MBytes Flash, HSM, ASIL-D | 5        |

# Revision history

**Table 2. Document revision history**

| Date        | Revision | Changes   |
|-------------|----------|---|
| 10-May-2018 | 1        | Initial release   |
| 28-Aug-2018 | 2        | <p><b>New errata</b></p> <ul style="list-style-type: none"> <li>- DAN-0041154</li> <li>- DAN-0041182</li> <li>- DAN-0043030</li> <li>- DAN-0043474</li> <li>- DAN-0044114</li> <li>- DAN-0046391</li> <li>- DAN-0046764</li> <li>- DAN-0046771</li> <li>- DAN-0046851</li> <li>- DAN-0046853</li> <li>- DAN-0046855</li> <li>- DAN-0046856</li> <li>- DAN-0046857</li> <li>- DAN-0046858</li> <li>- DAN-0046859</li> <li>- DAN-0046860</li> <li>- DAN-0046861</li> <li>- DAN-0046862</li> <li>- DAN-0046863</li> <li>- DAN-0046891</li> <li>- DAN-0046962</li> <li>- DAN-0047021</li> <li>- DAN-0047048</li> <li>- DAN-0047348</li> <li>- DAN-0047385</li> <li>- ERR008310</li> <li>- ERR008730</li> </ul> <p><b>Reworded errata:</b></p> <ul style="list-style-type: none"> <li>- PS1739</li> <li>- PS1957</li> <li>- PS2407</li> <li>- DAN-0045958</li> <li>- ERR007869</li> </ul> <p><b>Renamed errata:</b></p> <ul style="list-style-type: none"> <li>- DAN-0045925</li> <li>- DAN-0045954</li> </ul> |

Table 2. Document revision history (continued)

| Date        | Revision | Changes   |
|-------------|----------|---|
| 25-Mar-2019 | 3        | <p><b>New errata</b></p> <ul style="list-style-type: none"> <li>- DAN-0044961</li> <li>- DAN-0045321</li> <li>- DAN-0046736</li> <li>- DAN-0047146</li> <li>- DAN-0047265</li> <li>- DAN-0047338</li> <li>- DAN-0047413</li> <li>- DAN-0047518</li> <li>- DAN-0047648</li> <li>- DAN-0047687</li> <li>- DAN-0047751</li> <li>- DAN-0047793</li> <li>- DAN-0047803</li> <li>- DAN-0047918</li> <li>- DAN-0047977</li> <li>- DAN-0047979</li> <li>- DAN-0048194</li> <li>- DAN-0048199</li> <li>- DAN-0048208</li> <li>- DAN-0048321</li> <li>- DAN-0048701</li> <li>- ERR007904</li> </ul> <p><b>Renamed</b></p> <ul style="list-style-type: none"> <li>- DAN-0045914</li> <li>- DAN-0045915</li> <li>- DAN-0045925</li> </ul> <p><b>Reworded</b></p> <ul style="list-style-type: none"> <li>- PS2120</li> <li>- ERR007869</li> <li>- ERR010385</li> </ul> |

**Table 2. Document revision history (continued)**

| Date        | Revision | Changes  |
|-------------|----------|--|
| 01-Aug-2019 | 4        | <p>Updated title and cover page in order to refer to SPC58xHx cut 2.0.</p> <p><b>Fixed Errata</b></p> <ul style="list-style-type: none"> <li>- PS1891</li> <li>- PS2206</li> <li>- PS3022</li> <li>- DAN-0043030</li> <li>- DAN-0043294</li> <li>- DAN-0043334</li> <li>- DAN-0044842</li> <li>- DAN-0044961</li> <li>- DAN-0045102</li> <li>- DAN-0045403</li> <li>- DAN-0045559</li> <li>- DAN-0045569</li> <li>- DAN-0045752</li> <li>- DAN-0045888</li> <li>- DAN-0045889</li> <li>- DAN-0045892</li> <li>- DAN-0045893</li> <li>- DAN-0045898</li> <li>- DAN-0045900</li> <li>- DAN-0045901</li> <li>- DAN-0045902</li> <li>- DAN-0045904</li> <li>- DAN-0045905</li> <li>- DAN-0045906</li> <li>- DAN-0045907</li> <li>- DAN-0046120</li> <li>- DAN-0046391</li> <li>- DAN-0046764</li> <li>- DAN-0046851</li> <li>- DAN-0046853</li> <li>- DAN-0046855</li> <li>- DAN-0046856</li> <li>- DAN-0046857</li> <li>- DAN-0046858</li> <li>- DAN-0046859</li> <li>- DAN-0046860</li> <li>- DAN-0046861</li> <li>- DAN-0046862</li> <li>- DAN-0046863</li> <li>- DAN-0046962</li> <li>- DAN-0047021</li> </ul> |

**Table 2. Document revision history (continued)**

| Date                       | Revision | Changes   |
|----------------------------|----------|---|
| 01-Aug-2019<br>(continued) | 4        | <ul style="list-style-type: none"> <li>- DAN-0047048</li> <li>- DAN-0047146</li> <li>- DAN-0047378</li> <li>- DAN-0047385</li> <li>- DAN-0047518</li> <li>- DAN-0047751</li> <li>- DAN-0047793</li> <li>- DAN-0047803</li> <li>- DAN-0047918</li> <li>- DAN-0047977</li> <li>- DAN-0047979</li> <li>- DAN-0048321</li> <li>- ERR004048</li> </ul>   |
|                            |          | <p><b>New errata</b></p> <ul style="list-style-type: none"> <li>- DAN-0047878</li> <li>- DAN-0047955</li> <li>- DAN-0049147</li> <li>- DAN-0049302</li> <li>- DAN-0049334</li> <li>- DAN-0049370</li> <li>- DAN-0049538</li> <li>- DAN-0049597</li> <li>- DAN-0049598</li> <li>- DAN-0049599</li> <li>- DAN-0049600</li> <li>- DAN-0049601</li> <li>- DAN-0049602</li> <li>- DAN-0049603</li> <li>- DAN-0049607</li> <li>- DAN-0049635</li> <li>- DAN-0049643</li> <li>- DAN-0049646</li> <li>- DAN-0049647</li> <li>- DAN-0049648</li> <li>- DAN-0049652</li> <li>- DAN-0049654</li> <li>- DAN-0049655</li> <li>- DAN-0049801</li> <li>- DAN-0049972</li> <li>- DAN-0049977</li> <li>- DAN-00501173</li> </ul> |
|                            |          | <p><b>Reworded</b></p> <ul style="list-style-type: none"> <li>- PS2231</li> </ul>   |

Table 2. Document revision history (continued)

| Date        | Revision | Changes  |
|-------------|----------|--|
| 20-Feb-2020 | 5        | <b>New errata</b> <ul style="list-style-type: none"><li>- DAN-0044655</li><li>- DAN-0047378</li><li>- DAN-0050468</li><li>- DAN-0050572</li><li>- DAN-0050583</li><li>- DAN-0050598</li><li>- DAN-0050746</li><li>- DAN-0050800</li><li>- DAN-0050842</li><li>- DAN-0050934</li><li>- DAN-0050979</li><li>- DAN-0050987</li></ul> <b>Reworded</b> <ul style="list-style-type: none"><li>- PS2857</li><li>- DAN-0049538</li><li>- DAN-0050173</li></ul> |

Table 2. Document revision history (continued)

| Date        | Revision | Changes  |
|-------------|----------|--|
| 28-Sep-2020 | 6        | <p data-bbox="675 342 802 365"><b>New errata</b></p> <ul data-bbox="675 409 853 813" style="list-style-type: none"><li>- DAN-0047250</li><li>- DAN-0051367</li><li>- DAN-0051702</li><li>- DAN-0052641</li><li>- DAN-0052753</li><li>- DAN-0053046</li><li>- DAN-0053048</li><li>- DAN-0053049</li><li>- DAN-0053230</li><li>- DAN-0053231</li><li>- ERR009658</li><li>- ERR010542</li></ul> <p data-bbox="675 857 794 880"><b>Reworded</b></p> <ul data-bbox="675 925 853 992" style="list-style-type: none"><li>- DAN-0048208</li><li>- DAN-0050583</li></ul> <p data-bbox="675 1037 762 1059"><b>Closed</b></p> <ul data-bbox="675 1104 853 1328" style="list-style-type: none"><li>- DAN-0045321</li><li>- DAN-0045549</li><li>- DAN-0045914</li><li>- DAN-0046736</li><li>- DAN-0047648</li><li>- DAN-0048194</li><li>- DAN-0048199</li></ul> |



Table 2. Document revision history (continued)

| Date        | Revision | Changes  |
|-------------|----------|--|
| 26-Feb-2021 | 7        | <p><b>Reworded errata</b></p> <p>DAN-0049599<br/> DAN-0049600<br/> DAN-0049601</p> <p><b>New errata</b></p> <p>DAN-0051663<br/> DAN-0053830<br/> DAN-0054143<br/> DAN-0054171<br/> DAN-0054172<br/> DAN-0054177<br/> DAN-0054178<br/> DAN-0054192<br/> DAN-0054193<br/> DAN-0054194<br/> DAN-0054221</p> |
| 28-Jul-2021 | 8        | <p>Only changed Classification from "ST Restricted" to "ST Public".</p> <p>No changes in the errata.</p>   |

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