

## PRODUCT / PROCESS CHANGE INFORMATION

### 1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.		ADG/22/13497
1.3 Title of PCI		SPC570Sx (FE50): Errata Sheet Update
1.4 Product Category		see list
1.5 Issue date		2022-06-16

### 2. PCI Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Luca RODESCHINI
2.1.2 Marketing Manager	Matteo MOIOLI
2.1.3 Quality Manager	Alberto MERVIC

### 3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Modification of datasheet : Errata/error fix	NA

### 4. Description of change

	Old	New
4.1 Description	Errata Sheet rev. 8	Errata Sheet rev. 9
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

### 5. Reason / motivation for change

5.1 Motivation	Documentation Update
5.2 Customer Benefit	SERVICE CONTINUITY

### 6. Marking of parts / traceability of change

6.1 Description	Errata Sheet available on <a href="http://www.st.com">www.st.com</a>
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### 7. Timing / schedule

7.1 Date of qualification results	2022-06-09
7.2 Intended start of delivery	2022-06-09
7.3 Qualification sample available?	Not Applicable

### 8. Qualification / Validation

8.1 Description	13497 Errata ES0278_rev9.pdf	
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date

### 9. Attachments (additional documentations)

13497 Public product.pdf
13497 Errata ES0278_rev9.pdf
13497 Details.pdf

10. Affected parts		
10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	SPC570S40E1CEFAY	
	SPC570S50E1CEFAR	
	SPC570S50E1DEFAR	

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Dear Customer,  
purpose of this letter is to inform you of new document released on [www.st.com](http://www.st.com) relating to devices shown below:

## ERRATA SHEET

### SPC570Sx

32-bit Power Architecture® microcontroller for automotive ASILD applications

Table 1. Device summary

Part number	Package
SPC570S50E1	eTQFP64
SPC570S50E3	eTQFP100
SPC570S40E1	eTQFP64
SPC570S40E3	eTQFP100

Table 2 shows the document released.

Table 2. Document released

Document name	Title	Version
ES0278	SPC570Sx device family errata JTAG_ID = 0x110A_2041	9

The changes are recorded in the revision history table located at the end of each document shown in Table 2.



## Introduction

This errata sheet describes functional and electrical problems of the SPC570Sx devices.

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

Device identification for cut 2.1:

- JTAG\_ID = 0x110A\_2041
- MIDR1 register:
  - MAJOR\_MASK[3:0]: 4'b0001
  - MINOR\_MASK[3:0]: 4'b0001

The list of errata is contained in a Microsoft® Excel workbook file 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 documents

Table 1. Reference documents

Doc name	Title	Revision
RM0349	SPC570Sx 32-bit Power Architecture® microcontroller for automotive ASILD applications	6
DS9607	32-bit Power Architecture® microcontroller for automotive ASILD applications	7

## Revision history

**Table 2. Document revision history**

Date	Revision	Changes
06-Aug-2014	1	Initial release
16-Dec-2014	2	Added following functional errata: – ERR008526 – ERR008561 – ERR008573 – ERR008602 – ERR008627 – ERR008731
30-Mar-2015	3	Added following functional errata: – PS1244 – PS1254  Removed the following functional errata: – ERR006850 – ERR007126 – ERR006904
29-May-2015	4	Added following functional errata: – PS1040 – PS1045 – PS1071 – PS1439 – PS1440 – PS1566 – PS1681 – ERR008915
24-Sep-2015	5	Removed the following functional errata: – PS1071 – PS1244 – PS1254
10-May-2017	6	Added errata: – DAN-0043391
10-May-2017	7	Typo error
11-Feb-2021	8	Added errata: – PS2859 – DAN-0044555 – DAN-0045775 – DAN-0054519 – DAN-0054520
12-Apr-2022	9	Added errata: – ERR009764

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## Public Products List

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**PCI Title :** SPC570Sx (FE50): Errata Sheet Update

**PCI Reference :** ADG/22/13497

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

SPC570S50E1CEFAY	SPC570S50E1CEFAR	SPC570S40E1CEFAY
SPC570S50E1DEFAR	SPC570S40E1CEFAR	SPC570S50E1DEFAY
SPC570S40E3CEFAR		



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