

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/15046
1.3 Title of PCN	SPC570Sx (FE50): Silicon cut 2.2 Introduction
1.4 Product Category	see list
1.5 Issue date	2024-12-02

2. PCN 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
2.2.2 Marketing Manager	Matteo MOIOLI
2.2.3 Quality Manager	Alberto MERVIC

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix	NA

4. Description of change

	Old	New
4.1 Description	Silicon Cut 2.1	Cut 2.2
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	Bug Fix
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
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7. Timing / schedule

7.1 Date of qualification results	2024-10-30
7.2 Intended start of delivery	2025-10-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15046 FE50_Velvety_eTQFP64_Muar_Reliability_Report_RR001120AG6050_rev3.1.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-12-02

9. Attachments (additional documentations)

15046 Public product.pdf 15046 Details.pdf 15046 FE50_Velvety_eTQFP64_Muar_Reliability_Report_RR001120AG6050_rev3.1.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	
	SPC570S50E1CEFAY	
	SPC570S50E1DEFAR	

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Public Products List

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PCN Title : SPC570Sx (FE50): Silicon cut 2.2 Introduction

PCN Reference : MICROCONTROLLERS/24/15046

Subject : Public Products List

Dear Customer,

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

SPC570S50E1CEFAY	SPC570S40E1CEFAY	SPC570S50E1CEFAR
SPC570S50E1DEFAY	SPC570S50E1DEFAR	SPC570S40E1CEFAR

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