


# 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
2.1.2 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	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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