


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/22/13627	
1.3 Title of PCN	STM32U575xx and STM32U585xx - product enhancement	
1.4 Product Category	STM32U575xx, STM32U585xx	
1.5 Issue date	2022-11-28	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
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2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

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 - Design changes in active elements.	TSMC FAB14 (Taiwan)

4. Description of change

	Old	New
4.1 Description	STM32U575xx/85xx - (Die482 - cut2.1 revision X) product shows following limitations described in Errata Sheet (ES0499 - Rev 4 - July 2022)	STM32U575xx/85xx - (Die482 - cut3.1 revision W) product enhancement fixes those limitations as described in Errata Sheet (ES0499 - Rev 5 - nov 2022)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Functionality enhancement	

5. Reason / motivation for change

5.1 Motivation	Improvements was implemented to increase robustness, performances and quality of our products.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	traceability ensured by ST internal tools Die revision changes from "X" to "W" on Package Marking.
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7. Timing / schedule

7.1 Date of qualification results	2022-12-08
7.2 Intended start of delivery	2022-12-15
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13627 RERMCD1919 STM32U5 Die 482XXXW cut3.1 - qual plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-11-28

9. Attachments (additional documentations)

13627 Public product.pdf
13627 RERMCD1919 STM32U5 Die 482XXXW cut3.1 - qual plan.pdf
13627 PCN13627_Additional information.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
	STM32U575AGI6	
	STM32U575AII6	
	STM32U575AII6Q	
	STM32U575CIT6	
	STM32U575CIU6Q	
	STM32U575OIY6QTR	
	STM32U575QII6	
	STM32U575QII6Q	
	STM32U575RIT6	
	STM32U575VIT6	
	STM32U575VIT6Q	
	STM32U575ZIT6	
	STM32U575ZIT6Q	
	STM32U585AII6	
	STM32U585AII6Q	
	STM32U585CIU6	
	STM32U585QII6	
	STM32U585QII6Q	
	STM32U585VIT6	
	STM32U585VIT6Q	
	STM32U585ZIT6	
	STM32U585ZIT6Q	
	STM32U575AGI6Q	

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