


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/24/14485	
1.3 Title of PCN	STM32U59x & STM32U5Ax - product Enhancement	
1.4 Product Category	STM32U595xx STM32U599xx STM32U5A5xx STM32U5A9xx	
1.5 Issue date	2024-04-11	

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	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 like metallization (specifically chip frontside) or bug fix	TSMC FAB14 (Taiwan)

4. Description of change

	Old	New
4.1 Description	STM32U59x and STM32U5Ax (Die481 - cut3.1 revision X) product shows some limitations.	STM32U59x and STM32U5Ax (Die481 - cut 3.2 revision W) fixes those limitations as described in Errata Sheet (ES0553 Rev 4.0 / April 2024).
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Functionality enhancement	

5. Reason / motivation for change

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

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	2024-04-20
7.2 Intended start of delivery	2024-07-08
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14485 PCN14485_MDG-MCD-RER2007_STM32U5 4M - Die 481 Plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-04-11

9. Attachments (additional documentations)
14485 Public product.pdf 14485 PCN14485_MDG-MCD-RER2007_STM32U5 4M - Die 481 Plan.pdf 14485 PCN14485_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
	STM32U595VJT6	
	STM32U595ZJT6Q	
	STM32U599VJT6	
	STM32U5A5VJT6Q	
	STM32U5A9NJH6Q	
	STM32U5A9ZJT6Q	



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : STM32U59x & STM32U5Ax - product Enhancement

PCN Reference : MDG/24/14485

Subject : Public Products List

Dear Customer,

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

STM32U5A9NJH3QTR	STM32U595QJI6QTR	STM32U595VIT6QTR
STM32U5A5ZJY3QTR	STM32U599NIH6QTR	STM32U5A9BJY6QTR
STM32U595RJT6	STM32U595ZJT6Q	STM32U5A5ZJT6TR
STM32U595QJI6	STM32U5A5RJT6Q	STM32U595RIT6
STM32U595ZIT6Q	STM32U595ZIY6QTR	STM32U5A5QJI6Q
STM32U595QII6	STM32U599ZIT6Q	STM32U595ZJY6QTR
STM32U5A5AJH6	STM32U595VIT6Q	STM32U595RJT6Q
STM32U5A5AJH3TR	STM32U595AIH6Q	STM32U599ZJT6Q
STM32U5A5QJI3Q	STM32U5A9NJH3Q	STM32U595AJH6Q
STM32U595VJT6Q	STM32U595VJT3Q	STM32U5A5QJI6
STM32U5A5ZJT6	STM32U5A5QII3Q	STM32U599VIT6Q
STM32U5A9NJH6Q	STM32U599VJT6Q	STM32U5A5AJH6TR
STM32U5A9ZJY6QTR	STM32U595VIT6	STM32U595AIH6
STM32U5A5AJH6Q	STM32U5A5VJT6Q	STM32U5A5AJH3
STM32U595RIT6Q	STM32U595AJH6	STM32U599BJY6QTR
STM32U5A5ZJY6QTR	STM32U599ZJY6QTR	STM32U595VJT6
STM32U5A5VJT6	STM32U599ZIY6QTR	STM32U595QJI6Q
STM32U595ZJT6	STM32U599VJT6	STM32U5A5ZJT6Q
STM32U599NIH6Q	STM32U5A9ZJT6Q	STM32U595QII6Q
STM32U595AJH3	STM32U5A5RJT6	STM32U599NJH6Q
STM32U5A9VJT6Q	STM32U595ZIT6	

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