


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

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

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	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)
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	Functionality enhancement	

**5. Reason / motivation for change**

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

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

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

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

**8. Qualification / Validation**

<b>8.1 Description</b>	13627 RERMCD1919 STM32U5 Die 482XXXW cut3.1 - qual plan.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	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
	STM32U585QII3	



## 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 :** STM32U575xx and STM32U585xx - product enhancement

**PCN Reference :** MDG/22/13627

**Subject :** Public Products List

Dear Customer,

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

STM32U575VGT6	STM32U575OIY6QTR	STM32U585QII6
STM32U585CIU3Q	STM32U575AII6	STM32U585QII6Q
STM32U585RIT6	STM32U575VIT6	STM32U575ZIT6
STM32U575VIT6Q	STM32U585CIT6	STM32U575QGI6Q
STM32U575ZGT3	STM32U585VIT3Q	STM32U585QII3
STM32U585CIU6	STM32U585QII6QTR	STM32U575CIU6Q
STM32U585CIT3TR	STM32U575CIU6	STM32U575RIT6Q
STM32U575ZGT6	STM32U575AII6Q	STM32U575QII6Q
STM32U575CGU6	STM32U585QII6TR	STM32U585OIY6QTR
STM32U575AGI6TR	STM32U585CIT6Q	STM32U575RIT6
STM32U575QII6	STM32U575VGT3	STM32U575QGI6
STM32U575QGI3Q	STM32U585QII3TR	STM32U585ZIT6
STM32U575AGI6Q	STM32U585VIT6	STM32U585VIT6QTR
STM32U575OGY6QTR	STM32U575CGT6Q	STM32U575CGU6TR
STM32U585RIT6QTR	STM32U575RGT6TR	STM32U575CGU6Q
STM32U585AII6TR	STM32U575QGI3TR	STM32U575VGT3TR
STM32U575RGT6	STM32U585RIT6TR	STM32U585AII6Q
STM32U585CIU6Q	STM32U575QGI3	STM32U575VIT6TR
STM32U585VIT6TR	STM32U585ZIT6Q	STM32U575CIT6Q
STM32U585RIT6Q	STM32U575VGT6TR	STM32U575ZIT6Q
STM32U575ZGT6Q	STM32U575ZIT6TR	STM32U575RGT6Q
STM32U585AII6	STM32U575VGT6Q	STM32U575CIT6
STM32U585CIT3	STM32U575OGY3QTR	STM32U585VIT6Q
STM32U575AGI6	STM32U575CGT6	



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