


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/24/14484	
1.3 Title of PCN	STM32U535x & STM32U545x - product Enhancement	
1.4 Product Category	STM32U535x, STM32U545x	
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	STM32U535x & STM32U545x (Die455 - cut1.1 revision Z) product shows some limitations	STM32U535x & STM32U545x (Die455 - cut1.2 revision Y) product fixes those limitations as described in the Errata Sheet (ES0587 Rev 4 / 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 "Z" to "Y" on Package Marking.
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## 7. Timing / schedule

7.1 Date of qualification results	2024-04-08
7.2 Intended start of delivery	2024-06-25
7.3 Qualification sample available?	Upon Request

## 8. Qualification / Validation

8.1 Description	14484 PCN14484_MDG-MCD-RER2103_STM32U5 512k - Die 455 - Rel Plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-04-11

9. Attachments (additional documentations)
14484 Public product.pdf 14484 PCN14484_MDG-MCD-RER2103_STM32U5 512k - Die 455 - Rel Plan.pdf 14484 PCN14484_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
	STM32U545CET6Q	
	STM32U545RET6Q	
	STM32U545VEI6Q	
	STM32U545VET6Q	



## 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 :** STM32U535x & STM32U545x - product Enhancement

**PCN Reference :** MDG/24/14484

**Subject :** Public Products List

Dear Customer,

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

STM32U545JEY6QTR	STM32U545NEY6QTR	STM32U535RET6QTR
STM32U535JEY6QTR	STM32U535NCY6QTR	STM32U535NEY6QTR
STM32U535RET6	STM32U535CCU6	STM32U535REI6
STM32U535CCU6TR	STM32U535REI6Q	STM32U535CEU6Q
STM32U535VCT6	STM32U535CBT6	STM32U535CEU6
STM32U545VEI6	STM32U535RCT6	STM32U545RET6Q
STM32U545RET3	STM32U535CBT6Q	STM32U535CET6
STM32U545CET6	STM32U545VET6Q	STM32U535RET6Q
STM32U535REI6TR	STM32U535RBT6	STM32U545CEU6TR
STM32U535VET6Q	STM32U545RET6	STM32U535VCI6Q
STM32U535VEI3	STM32U535VCI6	STM32U545CEU6Q
STM32U535RBT6Q	STM32U545REI6	STM32U535CCT6Q
STM32U545CEU6	STM32U535CBU6Q	STM32U545REI6Q
STM32U535VEI3TR	STM32U535CCT6	STM32U535RCT6Q
STM32U535CCU6Q	STM32U535VET6	STM32U535VEI6Q
STM32U545VEI6Q	STM32U545VET6	STM32U535VEI6
STM32U535RBI6Q	STM32U535RET6TR	STM32U535RCI6Q
STM32U545CET6Q	STM32U535CBU6	STM32U535CET6Q
STM32U535CEU6QTR		

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