


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/22/13483	
1.3 Title of PCN	STM32G050x, STM32G051x and STM32G061x 64K - product enhancement	
1.4 Product Category	STM32G050x, STM32G051x, STM32G061x	
1.5 Issue date	2022-06-28	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@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) ST Crolles (France)

4. Description of change

	Old	New
4.1 Description	STM32G050x, STM32G051x and STM32G061x 64K - (Die456- cut1.0 revision A) product has limitation as described in Errata Sheets. - ES0544 (Rev 1 - December 16 2020) for STM32G050x6/x8 device - ES0545 (Rev 1 - December 16 2020) for STM32G051x6/x8 device - ES0546 (Rev 1 - December 16 2020) for STM32G061x6/x8 device	STM32G050x, STM32G051x and STM32G061x 64K - (Die456 - cut1.1 revision Z) product enhancement fixes those limitations as described in Errata Sheets. - ES0544 (Rev 2 - April 12 2022) for STM32G050x6/x8 device - ES0545 (Rev 2 - April 12 2022) for STM32G051x6/x8 device - ES0546 (Rev 2 - April 12 2022) for STM32G061x6/x8 device
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Impact on functionality as indicated in Errata Sheets: ES0544, ES0545 & ES0546	

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 IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability ensured by ST internal tools. Die revision changes from "A" to "Z" on Package Marking
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7. Timing / schedule

7.1 Date of qualification results	2022-08-31
7.2 Intended start of delivery	2022-10-03
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13483 RER2012 STM32G0 Die 456XXXZ cut1.1 - qual plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-06-28

9. Attachments (additional documentations)

13483 Public product.pdf
13483 RER2012 STM32G0 Die 456XXXZ cut1.1 - qual plan.pdf
13483 PCN13483_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
	STM32G050C6T6	
	STM32G050C8T6	
	STM32G050K6T6	
	STM32G050K8T6	
	STM32G051C6T6	
	STM32G051C6U6	
	STM32G051C8T6	
	STM32G051C8U6	
	STM32G051F8Y6TR	
	STM32G051G6U6	
	STM32G051G8U6	
	STM32G051K6T6	
	STM32G051K8T6	
	STM32G051K8U6	
	STM32G061C8T6	

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Public Products List

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PCN Title : STM32G050x, STM32G051x and STM32G061x 64K - product enhancement

PCN Reference : MDG/22/13483

Subject : Public Products List

Dear Customer,

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

STM32G051C6U6	STM32G050K6T6TR	STM32G061F8Y6TR
STM32G050K8T6	STM32G051K8U7	STM32G061G8U6
STM32G051C8U6	STM32G061C6T6	STM32G051K6U7
STM32G051C6T6	STM32G061K6U6	STM32G061C6U6
STM32G050C6T6	STM32G061K8U6	STM32G061C8T6
STM32G051K6T6	STM32G051K8U6	STM32G051G8U3TR
STM32G051C8T6	STM32G051G8U6	STM32G050C8T6
STM32G051K6U6	STM32G051K8T6	STM32G061G6U6
STM32G061K8T6	STM32G050K6T6	STM32G051G6U6
STM32G051G8U3	STM32G061C8U6	STM32G051K8U7TR
STM32G061K6T6	STM32G051K6U7TR	STM32G051F8Y6TR
STM32G051F8P6	STM32G051F6P6	STM32G061F6P6
STM32G050F6P6	STM32G061F8P6	



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