

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	EMBEDDED PROCESSING/26/16577
1.3 Title of PCN	ST Crolles (France) STM32G03/G04x, STM32G07/G08x and STM32G0B/G0Cx - product enhancement
1.4 Product Category	STM32G03x, STM32G04x, STM32G07x, STM32G08x, STM32G0Bx and STM32G0Cx
1.5 Issue date	2026-09-28

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	Patrick AIDOUNE
2.1.2 Marketing Manager	Marie TOURNUT
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	ST Crolles (France)

4. Description of change

	Old	New
4.1 Description	Current ST Crolles (France) product revisions: - STM32G03x, STM32G04x (Cut1.2) Die revision "3" - STM32G07x, STM32G08x (Cut2.1) Die revision "2" - STM32G0Bx, STM32G0Cx (Cut1.1) Die revision "3"	ST Crolles (France) product revision with Fixes as described in Errata Sheets New product revisions: - STM32G03x, STM32G04x (Cut1.3) Die revision "X" - STM32G07x, STM32G08x (Cut2.2) Die revision "3" - STM32G0Bx, STM32G0Cx (Cut1.2) Die revision "4" Errata Sheet reference list STM32G030x ES0486 STM32G031x ES0487 STM32G041x ES0488 STM32G070x ES0468 STM32G071x ES0418 STM32G081x ES0412 STM32G0B0x ES0547 STM32G0B1x ES0548 STM32G0C1x ES0549
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Yield improvement	

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 on Package Marking. Please refer to PCN16577 additional information document
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7. Timing / schedule	
7.1 Date of qualification results	2026-10-15
7.2 Intended start of delivery	2026-10-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	16577 PCN16577_G0 PMU fix_Die 460_466_467_REL Plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2026-09-28

9. Attachments (additional documentations)
16577 Public product.pdf 16577 PCN16577_G0 PMU fix_Die 460_466_467_REL Plan.pdf 16577_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
	STM32G030C6T6	
	STM32G030C8T6	
	STM32G030F6P6	
	STM32G030F6P6TR	
	STM32G030J6M6	
	STM32G030J6M6TR	
	STM32G030K6T6	
	STM32G030K6T6TR	
	STM32G030K8T6	
	STM32G030K8T6TR	
	STM32G031C4T6	
	STM32G031C6T6	
	STM32G031C6U6	
	STM32G031C8T3	
	STM32G031C8T6	
	STM32G031C8T7	
	STM32G031C8U6	
	STM32G031C8U7	
	STM32G031F4P3	
	STM32G031F4P6	
	STM32G031F4P6TR	
	STM32G031F6P6	
	STM32G031F6P6TR	
	STM32G031F8P6	
	STM32G031F8P6TR	
	STM32G031G4U6	
	STM32G031G6U6	
	STM32G031G6U6TR	
	STM32G031G8U3	
	STM32G031G8U6	
	STM32G031G8U6TR	
	STM32G031J4M6	
	STM32G031J6M6	
	STM32G031K6T6	

	STM32G031K6U6	
	STM32G031K8T3	
	STM32G031K8T6	
	STM32G031K8T6TR	
	STM32G031K8T7	
	STM32G031K8T7TR	
	STM32G031K8U6	
	STM32G031K8U7	
	STM32G031K8U7TR	
	STM32G031Y8Y6TR	
	STM32G041C6T6	
	STM32G041C8T6	
	STM32G041F8P6	
	STM32G041J6M6	
	STM32G041K6T6	
	STM32G041K8T6	
	STM32G041Y8Y6TR	
	STM32G070CBT6	
	STM32G070CBT6TR	
	STM32G070KBT6	
	STM32G070RBT6	
	STM32G070RBT6TR	
	STM32G071C8T3	
	STM32G071C8T6	
	STM32G071C8U3	
	STM32G071C8U6TR	
	STM32G071C8U7	
	STM32G071C8U7TR	
	STM32G071CBT3	
	STM32G071CBT6	
	STM32G071CBT6TR	
	STM32G071CBU3	
	STM32G071CBU6	
	STM32G071CBU6TR	
	STM32G071CBU7TR	
	STM32G071EBY6TR	
	STM32G071G8U6	
	STM32G071G8U6N	
	STM32G071G8U6TR	
	STM32G071GBU3	
	STM32G071GBU6	
	STM32G071GBU6N	
	STM32G071GBU6TR	
	STM32G071GBU7	
	STM32G071K8T3	
	STM32G071K8U6	
	STM32G071KBT3	
	STM32G071KBT3TR	
	STM32G071KBT6	
	STM32G071KBT6N	
	STM32G071KBU3	

	STM32G071KBU6	
	STM32G071KBU6N	
	STM32G071KBU6TR	
	STM32G071KBU7	
	STM32G071R8T6	
	STM32G071RBI6	
	STM32G071RBT3	
	STM32G071RBT6	
	STM32G071RBT6TR	
	STM32G071RBT7	
	STM32G081CBT6	
	STM32G081CBU6	
	STM32G081GBU6	
	STM32G081KBT6	
	STM32G081KBU6	
	STM32G081RBT6	
	STM32G0B0CET6	
	STM32G0B0CET6TR	
	STM32G0B0KET6	
	STM32G0B0RET6	
	STM32G0B0RET6TR	
	STM32G0B0VET6	
	STM32G0B0VET6TR	
	STM32G0B1CBT3	
	STM32G0B1CBT6	
	STM32G0B1CBT6N	
	STM32G0B1CBU3	
	STM32G0B1CBU6	
	STM32G0B1CCT6	
	STM32G0B1CCT6TR	
	STM32G0B1CCU6	
	STM32G0B1CET6	
	STM32G0B1CET6N	
	STM32G0B1CEU6	
	STM32G0B1CEU6N	
	STM32G0B1KBT3	
	STM32G0B1KBT6	
	STM32G0B1KBT6N	
	STM32G0B1KBU3N	
	STM32G0B1KBU6	
	STM32G0B1KBU6N	
	STM32G0B1KBU6TR	
	STM32G0B1KCT6	
	STM32G0B1KCT6N	
	STM32G0B1KCU6	
	STM32G0B1KCU7	
	STM32G0B1KET6	
	STM32G0B1KET6N	
	STM32G0B1KEU3NTR	
	STM32G0B1KEU6	
	STM32G0B1KEU6N	

	STM32G0B1MBT6	
	STM32G0B1MCT6	
	STM32G0B1MET6	
	STM32G0B1NEY6TR	
	STM32G0B1RBI6N	
	STM32G0B1RBT6	
	STM32G0B1RBT6N	
	STM32G0B1RCI6N	
	STM32G0B1RCT6	
	STM32G0B1REI6N	
	STM32G0B1RET6	
	STM32G0B1RET6N	
	STM32G0B1RET7	
	STM32G0B1VEI6	
	STM32G0B1VET6	
	STM32G0C1CET6	
	STM32G0C1CEU6	
	STM32G0C1KCT6N	
	STM32G0C1KCU6	
	STM32G0C1KET6	
	STM32G0C1KET6N	
	STM32G0C1KEU6	
	STM32G0C1MET6	
	STM32G0C1RCT3	
	STM32G0C1RCT6	
	STM32G0C1RET6	
	STM32G0C1VCT6	
	STM32G0C1VET6	

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