


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/25/15072
1.3 Title of PCN	ST AGRATE (Italy) additional source for STM32G411/G431/G441x products in M10/90nm technology.
1.4 Product Category	STM32G411xx, STM32G431xx, STM32G441xx
1.5 Issue date	2025-01-06

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	PIKE EMMA
2.1.2 Phone	+44 1628896111
2.1.3 Email	emma.pike@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
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication (SOP 2617)	ST Agrate (Italy)

4. Description of change

	Old	New
4.1 Description	Front-end sources for Die 468 cut2.3 : - TSMC (Taiwan) FAB14	Front-end sources for Die 468 cut2.3 : - TSMC (Taiwan) FAB14 - Agrate 300 (Italy) - new front-end source
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change on Form, Fit or Function - same datasheet.	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST Microcontrollers Division decided to qualify an additional front-end site to maintain state of the art service level to our customers thanks to extra capacity.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Change is visible through diffusion traceability plant, in the marking: - "9R" for TSMC Fab14 (Taiwan) - "VK" for ST Agrate AG300 (Italy) Please refer to PCN 15072 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2025-03-20
7.2 Intended start of delivery	2025-03-28
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15072 _RER2413_ STM32G4-1x_Die 468_Rel Plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-01-06
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9. Attachments (additional documentations)
15072 Public product.pdf 15072 _RER2413_STM32G4-1x_Die 468_Rel Plan.pdf 15072 _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
	STM32G431C8U6	
	STM32G431CBT6	
	STM32G431CBY3TR	
	STM32G431R8T6	
	STM32G431RBI6	
	STM32G431RBT6	

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