


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MICROCONTROLLERS/24/14864	
<b>1.3 Title of PCN</b>	ST Crolles (France) additional source for STM32G05x/7X/8x and STM32G0Bx/Cx products in 90nm technology.	
<b>1.4 Product Category</b>	STM32G05x, STM32G07X, STM32G08x, STM32G0Bx, STM32G0Cx	
<b>1.5 Issue date</b>	2024-07-15	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	PIKE EMMA
<b>2.1.2 Phone</b>	+44 1628896111
<b>2.1.3 Email</b>	emma.pike@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>
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 CROLLES (France)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Front-end sources for die 460 cut2.1 / die 467 cut 1.1 - TSMC (Taiwan) FAB14	Front-end sources for die 460 cut2.1 / die 467 Cut 1.1 - TSMC (Taiwan) FAB14 - Crolles 300 ( France) additional source
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no change	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	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.
<b>5.2 Customer Benefit</b>	SERVICE IMPROVEMENT

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

<b>6.1 Description</b>	Change is visible through diffusion traceability plant, in the marking: - "VQ" for ST Crolles CR300 (France) - "9R" for TSMC Fab14 (Taiwan) Please refer to PCN 14864 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2024-09-13
<b>7.2 Intended start of delivery</b>	2024-09-13
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	14864 PCN14864 _RER2404_ STM32G05x7X8x_STM32G0BxCx_460_467_Reliability Evaluation Plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-07-15
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**9. Attachments (additional documentations)**

14864 Public product.pdf  
 14864 PCN14864\_RER2404\_STM32G05x7X8x\_STM32G0BxCx\_460\_467\_Reliability Evaluation Plan.pdf  
 14864 PCN14864\_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
	STM32G070CBT6TR	
	STM32G070KBT6	
	STM32G070KBT6TR	
	STM32G070RBT6	
	STM32G071RBT6	
	STM32G0B0CET6TR	
	STM32G0B1CBU6	

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