


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/25/14920
1.3 Title of PCN	ST Crolles (France) additional source for STM32G41x/G47x/G48x, STM32L43x/L44x/L4Zx and STM32L47x/L48x products in M10/90nm technology.
1.4 Product Category	STM32G414x STM32G471x/STM32G473x/STM32G474x STM32G483x/STM32G484x, STM32L431x, STM32L432x/STM32L442x STM32L433x/STM32L443x STM32L4Z3x STM32L471x STM32L475xx STM32L476x/STM32L486x STM32L485x
1.5 Issue date	2025-01-02

## 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 CROLLES (France)

## 4. Description of change

	Old	New
4.1 Description	Front-end sources for die 415 cut1.3 / die 435 cut1.1 / die 469 cut2.3 - TSMC (Taiwan) FAB14	Front-end sources for die 415 cut1.3 / die 435 cut1.1 / die 469 cut2.3 - TSMC (Taiwan) FAB14 - Crolles 300 ( France) additional 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: - "VQ" for ST Crolles CR300 (France) - "9R" for TSMC Fab14 (Taiwan) Please refer to PCN 14920 – Additional information attached document.
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## 7. Timing / schedule

7.1 Date of qualification results	2025-02-20
7.2 Intended start of delivery	2025-02-28

7.3 Qualification sample available?	Upon Request
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8. Qualification / Validation			
8.1 Description	14920 _RER2404 STM32G4x_L43x44x_L47x48x_415_435_469 Reliability Evaluation Plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-01-02

9. Attachments (additional documentations)
14920 Public product.pdf 14920 _RER2404 STM32G4x_L43x44x_L47x48x_415_435_469 Reliability Evaluation Plan.pdf 14920 _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
	STM32L431RBT6TR	

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