

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

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

**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 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
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No change on Form, Fit or Function - same datasheet	

**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 14920 – Additional information attached document.
------------------------	--

**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2025-02-20
<b>7.2 Intended start of delivery</b>	2025-02-28

7.3 Qualification sample available?	Upon Request
-------------------------------------	--------------

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
	STM32L431CBU6	
	STM32L431CCT6	
	STM32L431VCT6	
	STM32L443CCT6	
	STM32L443CCU6	
	STM32L443RCT6	
	STM32L443VCT6	
	STM32L471VET6	
	STM32L475RCT3	
	STM32L475RCT6	
	STM32L475VCT6	
	STM32L476JEY6TR	
2494461	STM32L476VET6	
2494462	STM32L476VGT6	
2494463	STM32L476ZET6	
2494464	STM32L476ZGT6	
2494467	STM32L486VGT6	
2494468	STM32L486ZGT6	
	STM32G473CBU6	
	STM32G473CCT3	
	STM32G473CCU6	
3132388	STM32G473CET6	
3246926	STM32G473CEU6	
	STM32G473QET6	
	STM32G473RBT6	
	STM32G473RCT6	
	STM32G473RET6	
	STM32G473VBT6	
	STM32G473VCT6	
3132417	STM32G473VET6	
	STM32G474CET3	
3132391	STM32G474CET6	
3132392	STM32G474CEU6	
3132393	STM32G474QET3	
	STM32G474QET6	
3132394	STM32G474RBT3	
	STM32G474RBT6	

	STM32G474RCT6	
	STM32G474RET3	
3132395	STM32G474VEH6	
	STM32G474VET3	
3132421	STM32G474VET6	
	STM32G483CET3	
3246927	STM32G483RET6	
3246928	STM32G483VET6	
3246931	STM32G484CET6	
3132397	STM32G484QET6	
3132422	STM32G484RET6	
	STM32G484VET6	
2855684	STM32L431CBT6	
2851019	STM32L431CBY7TR	
2855685	STM32L431CCY6TR	
2758803	STM32L431KBU3	
2855686	STM32L431KCU6	
2851020	STM32L431RBT6	
2855689	STM32L431RBY6TR	
2758804	STM32L432KCU3	
	STM32L432KCU6	
2855692	STM32L433CBT6	
	STM32L433CBT7	
2855693	STM32L433CBU6	
2758805	STM32L433CCT3	
2855697	STM32L433RBT6	
	STM32L433RCI6	
2855700	STM32L433RCT3	
2855701	STM32L433RCT6P	
	STM32L433VCT6	
	STM32L471ZGT6	
	STM32L475RGT6	
2855728	STM32L475VET6	
2494459	STM32L476RET6	
2494460	STM32L476RGT6	
	STM32L476RGT6TR	
2855732	STM32L476VGT3	
	STM32L476VGT7	
	STM32L476ZET6TR	
2855733	STM32L476ZGT3	
2494465	STM32L486QGI6	

## **IMPORTANT NOTICE – PLEASE READ CAREFULLY**

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2022 STMicroelectronics – All rights reserved