

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	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	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
	STM32G473CBT6	
	STM32G473CBU6	
	STM32G473CCT3	
	STM32G473CCU6	
	STM32G473CET3	
	STM32G473CET6	
	STM32G473CEU3	
	STM32G473CEU6	
	STM32G473MET3	
	STM32G473MET6	
	STM32G473QET6	
	STM32G473RBT6	
	STM32G473RCT6	
	STM32G473RET6	
	STM32G473VBT6	
	STM32G473VCT3	
	STM32G473VCT6	
	STM32G473VEH6	
	STM32G473VEH6TR	
	STM32G473VET3	
	STM32G473VET6	
	STM32G474CBT6TR	
	STM32G474CET3	
	STM32G474CET6	
	STM32G474CEU3	
	STM32G474CEU6	
	STM32G474MCT6	
	STM32G474MET3	
	STM32G474MET6	
	STM32G474QET3	
	STM32G474QET6	
	STM32G474QET6TR	
	STM32G474RBT3	
	STM32G474RBT6	
	STM32G474RCT3	
	STM32G474RCT6	
	STM32G474RET3	

	STM32G474RET6	
	STM32G474VBT6	
	STM32G474VEH3	
	STM32G474VEH6	
	STM32G474VET3	
	STM32G474VET6	
	STM32G474VET6TR	
	STM32G483CET3	
	STM32G483CET6	
	STM32G483MET6	
	STM32G483QET6	
	STM32G483RET6	
	STM32G483VET6	
	STM32G484CET6	
	STM32G484CEU6	
	STM32G484MET6	
	STM32G484QET6	
	STM32G484RET3	
	STM32G484RET6	
	STM32G484VEH6	
	STM32G484VET6	
	STM32L431CBT6	
	STM32L431CBT6TR	
	STM32L431CBU6	
	STM32L431CBY6TR	
	STM32L431CBY7TR	
	STM32L431CCT6	
	STM32L431CCT6TR	
	STM32L431CCU6	
	STM32L431CCU6TR	
	STM32L431CCY6TR	
	STM32L431KBU3	
	STM32L431KBU6	
	STM32L431KBU6TR	
	STM32L431KCU6	
	STM32L431KCU6TR	
	STM32L431RBI3	
	STM32L431RBI6	
	STM32L431RBT6	
	STM32L431RBT6TR	
	STM32L431RBY6TR	
	STM32L431RCI6	
	STM32L431RCT6	
	STM32L431RCT6TR	
	STM32L431RCY6TR	
	STM32L431VCI6	
	STM32L431VCT6	
	STM32L432KBU6	
	STM32L432KCU3	
	STM32L432KCU6	
	STM32L432KCU6TR	

	STM32L433CBT6	
	STM32L433CBT7	
	STM32L433CBU6	
	STM32L433CBY6TR	
	STM32L433CCT3	
	STM32L433CCT6	
	STM32L433CCT6TR	
	STM32L433CCU3	
	STM32L433CCU3TR	
	STM32L433CCU6	
	STM32L433CCY6TR	
	STM32L433RBI6	
	STM32L433RBT6	
	STM32L433RBY6TR	
	STM32L433RCI3	
	STM32L433RCI6	
	STM32L433RCT3	
	STM32L433RCT6	
	STM32L433RCT6P	
	STM32L433RCT6TR	
	STM32L433RCY3TR	
	STM32L433RCY6TR	
	STM32L433VCI3	
	STM32L433VCI6	
	STM32L433VCT3	
	STM32L433VCT6	
	STM32L433VCT6TR	
	STM32L442KCU6	
	STM32L443CCT6	
	STM32L443CCU6	
	STM32L443CCY6TR	
	STM32L443RCI3	
	STM32L443RCI6	
	STM32L443RCT6	
	STM32L443RCT6TR	
	STM32L443RCY6TR	
	STM32L443VCI6	
	STM32L443VCT6	
	STM32L471QEI6	
	STM32L471QEI7	
	STM32L471QGI6	
	STM32L471RET3	
	STM32L471RET6	
	STM32L471RGT6	
	STM32L471RGT6TR	
	STM32L471VET6	
	STM32L471VET6TR	
	STM32L471VGT3	
	STM32L471VGT6	
	STM32L471ZEJ6	
	STM32L471ZET6	

	STM32L471ZGJ6	
	STM32L471ZGT6	
	STM32L475RCT3	
	STM32L475RCT6	
	STM32L475RET6	
	STM32L475RET6TR	
	STM32L475RGT6	
	STM32L475RGT7	
	STM32L475VCT6	
	STM32L475VET6	
	STM32L475VGT6	
	STM32L476JEY6TR	
	STM32L476JGY6TR	
	STM32L476JGY7TR	
	STM32L476MEY6TR	
	STM32L476MGY6MTR	
	STM32L476MGY6TR	
	STM32L476QEI6	
	STM32L476QGI3	
	STM32L476QGI6	
	STM32L476QGI6TR	
	STM32L476RCT6	
	STM32L476RCT6TR	
	STM32L476RET6	
	STM32L476RET6TR	
	STM32L476RGT3	
	STM32L476RGT6	
	STM32L476RGT6TR	
	STM32L476VCT6	
	STM32L476VET6	
	STM32L476VET6TR	
	STM32L476VGT3	
	STM32L476VGT6	
	STM32L476VGT6TR	
	STM32L476VGT7	
	STM32L476ZET6	
	STM32L476ZET6TR	
	STM32L476ZGT3	
	STM32L476ZGT6	
	STM32L476ZGT6TR	
	STM32L486JGY6TR	
	STM32L486QGI6	
	STM32L486QGI6TR	
	STM32L486RGT6	
	STM32L486RGT7	
	STM32L486RGT7TR	
	STM32L486VGT6	
	STM32L486VGT6TR	
	STM32L486ZGT3	
	STM32L486ZGT6	

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Public Products List

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PCN Title : ST Crolles (France) additional source for STM32G41x/G47x/G48x, STM32L43x/L44x/L4Zx and STM32L47x/L48x products in M10/90nm technology.

PCN Reference : MICROCONTROLLERS/25/14920

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STM32G473RCT6	STM32L431CBU6	STM32G473VET6TR
STM32L476RGT6TR	STM32L471QGI6	STM32L432KCU3TR
STM32L433VCI3	STM32L476VGY6PTR	STM32G473CEU3TR
STM32L431CCU6	STM32L471VET6TR	STM32G474MBT6TR
STM32G474CET3TR	STM32G474VBT3TR	STM32G473VCT6
STM32L431KCU6TR	STM32G473CCU6TR	STM32L433RBT6
STM32L433CCU3TR	STM32G473MBT3TR	STM32L471VET6
STM32L433RCY6STR	STM32L433VCT6TR	STM32L471VGT6TR
STM32L475VCT6	STM32L475VGT6	STM32L486VGT3
STM32G473RBT6	STM32G473CEU6TR	STM32L431VCI7TR
STM32L475RET6TR	STM32G483QET6	STM32L433RCT6
STM32G474CCU6	STM32G484RET3	STM32L476ZGT6
STM32L486QGI6	STM32L486VGT3TR	STM32L433RCT6P
STM32L471VGT6	STM32L476QGI3TR	STM32L476MGY6MTR
STM32L431CCT6	STM32L433VCT6	STM32G474RET3TR
STM32G473VEH3	STM32L443RCT6	STM32L486VGT6TR
STM32L431KBU6	STM32L475RCT3	STM32L431CCU7TR
STM32L431KBU3	STM32L431RCT6	STM32G474VET6
STM32G473CCU6	STM32L431CCU6TR	STM32L433CBU6
STM32L476RCT6TR	STM32G473MET6	STM32G484VEH6
STM32L431CCU7	STM32G473QET6TR	STM32L433CCT6TR
STM32G473CBT3	STM32L433RCI6TR	STM32L432KCU3
STM32L433RCT3	STM32L475RCT6	STM32L431VCT6TR
STM32L486RGT7	STM32G474MBT3TR	STM32L486VGT6
STM32L476QEI6	STM32L433CBT6	STM32G484VET6
STM32L431RBI6TR	STM32L476ZGT3	STM32G474VCT6
STM32G473VET6	STM32G474MCT6	STM32L443CCU6
STM32G484CEU6	STM32L475RGT6	STM32L433VCT3
STM32L476VGT3	STM32L486RGT6	STM32G473VEH6
STM32G473PEI6	STM32L476QGI6TR	STM32L486ZGT6
STM32L431KBU6TR	STM32L476JGY3TR	STM32G474RCT3
STM32G473CEU3	STM32L471ZGJ6	STM32L471QEI7TR
STM32L443RCI3TR	STM32L476MEY6TR	STM32L471RET3
STM32L443RCT6TR	STM32L431RBI6	STM32G474VBT3
STM32G474QBT6	STM32L476RET6	STM32L476RET6TR



Public Products List

STM32L443VCT6TR	STM32G474RET6	STM32L431VCT6
STM32G473MET3	STM32L476VCT6	STM32L431RCI6TR
STM32L486RGT7TR	STM32G474CCU3	STM32G474VB6T6
STM32G474CCT6TR	STM32L475RCT7	STM32L433RCT6TR
STM32L471RGT6	STM32G474CEU6TR	STM32L475VET6TR
STM32L433CCU6	STM32L433RCY6TR	STM32G473VCT6TR
STM32L476VGT7TR	STM32L431CBT6TR	STM32L486RGT6TR
STM32L443VCT6	STM32L433VCI6TR	STM32G473CCU3TR
STM32L431RBT6	STM32L443CCT6TR	STM32L443CCT6
STM32G473CEU6	STM32G474QET6	STM32L476VET6
STM32L475RGT7	STM32L471QGI6TR	STM32G483MET6
STM32L432KBU6	STM32L471ZET6TR	STM32G474CCT6
STM32L433RCT3TR	STM32L433CCY6TR	STM32L433RCY3TR
STM32L433CCU6TR	STM32L475VET6	STM32G474VET3
STM32G483CEU6	STM32L433CCT6	STM32L476RCT6
STM32G473QCT6	STM32G484MEY6TR	STM32L471VGT3
STM32G474CBU6	STM32L471RGT6TR	STM32L476VCT6TR
STM32L476JGY7TR	STM32G473VCT3TR	STM32G473RCT6TR
STM32G474MBT3	STM32L431CBT3TR	STM32G483CET6
STM32G473VET3	STM32L471RET6	STM32G474MBT6
STM32L433RCI3	STM32G474VCT3TR	STM32L476JGY6TR
STM32G473MEY3TR	STM32G473CBT6	STM32L432KCU6TR
STM32G473RBT6TR	STM32G474RET6TR	STM32L486QGI6TR
STM32L471QEI3TR	STM32G483VET3TR	STM32L433CBT7
STM32L471QEI6	STM32G474RCT3TR	STM32L431RCT6TR
STM32G473VCT3	STM32G474RBT3TR	STM32L431CBU6TR
STM32L433CCY3TR	STM32L471RET6TR	STM32G473RET6
STM32L476VGT6TR	STM32G474MET6TR	STM32G473CCU3
STM32G474CEU3TR	STM32G474PCI6	STM32G484MET6
STM32L433CCU3	STM32G474MCT6TR	STM32L431CBY6TR
STM32L431RBI3	STM32L433RCI6	STM32G474RBT6TR
STM32L431RCI6	STM32G473CCT6TR	STM32G484QET3
STM32L433CCT3TR	STM32L433VCI6	STM32G473RET3
STM32L476RGT6	STM32L433RBI6	STM32L476ZET6
STM32G474RET3	STM32G474MET3TR	STM32L476ZET6TR
STM32L432KCU6	STM32L471ZEJ6TR	STM32G473CBU6
STM32L476VET6TR	STM32L431RBY6TR	STM32G484QET6
STM32L431KCU6	STM32G473PBI6	STM32L471RET3TR
STM32L476JEY6TR	STM32G473QCT3	STM32L431RBT6TR
STM32L431CBY7TR	STM32G473CET3TR	STM32L471ZET6
STM32G474VCH3TR	STM32G473VCH3	STM32G474VBH6
STM32G473VCH3TR	STM32G474MCT3TR	STM32L431CBT3
STM32L476MGY6TR	STM32L476QEI6TR	STM32G474RCT6
STM32L475RCT7TR	STM32G474CEU6	STM32G474VET3TR
STM32G474VET6TR	STM32G474CEU3	STM32L475RGT6TR
STM32L476VGT7	STM32L486ZGT3	STM32L431CCY6TR
STM32L442KCU6	STM32G473MBT3	STM32G474MEY6TR
STM32G473CCT3TR	STM32L476QGI6	STM32G484CET6
STM32G473VCH6	STM32L443RCI6TR	STM32L475RET6
STM32L431KBU3TR	STM32G473MBT6	STM32G474MET6



Public Products List

STM32L476JGY6PTR	STM32L431CBT6	STM32L476VGT6
STM32G473QET6	STM32L443VCi6	STM32L476MGY3TR
STM32G474MCT3	STM32L433CBY6TR	STM32L431VCi3
STM32L471QEI7	STM32L442KCU6TR	STM32G484RET6
STM32G483PEI6	STM32L471QEI6TR	STM32G473VEH6TR
STM32L431VCi3TR	STM32G473CCT3	STM32G473MCT3
STM32G483RET6	STM32L476JGY6STR	STM32L476QGi3
STM32L443RCi3	STM32L443RCY6TR	STM32G484PEI6
STM32G473CET3	STM32G474MET3	STM32L433RBY6TR
STM32L431VCi7	STM32L443CCY6TR	STM32L431RCY6TR
STM32G474RBT3	STM32L443RCi6	STM32L431VCi6
STM32G474QET6TR	STM32G483VET6	STM32G473QCT3TR
STM32L486JGY6TR	STM32G473CET6	STM32G473MCT6
STM32G483MEY6TR	STM32G483CET3	STM32L431VCi6TR
STM32G474RCT6TR	STM32G474MEY3TR	STM32G474QCT6
STM32L475RGT7TR	STM32G474CET3	STM32G473VBT6
STM32L471ZEJ3	STM32L476RGT3	STM32G474CBT6TR
STM32G474RBT6	STM32G474VEH6	STM32L471ZEJ3TR
STM32L431CCT6TR	STM32G483VEH6	STM32L432KBU6TR
STM32G483VET3	STM32G474CBT3	STM32G474CET6
STM32G473QBT6	STM32G473PCi6	STM32G474PEI6
STM32G474VEH3	STM32G474CBT3TR	STM32L476ZGT6TR
STM32G473VBH3	STM32L471ZEJ6	STM32L433CCT3
STM32L471ZGT6	STM32G484MEY3TR	STM32G473VBH6
STM32G473MCT3TR	STM32G473RET6TR	STM32G473MEY6TR
STM32L476ZGJ6	STM32L443CCF6TR	STM32G474VCH6
STM32G474VCH3	STM32L476QGi6P	STM32G474PEI6TR
STM32G473RET3TR	STM32G473MCT6TR	STM32L431CCY3TR
STM32G474PBi6		

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