


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/14733
1.3 Title of PCN	ST Calamba (Philippines) UFQFPN 5x5 32L package line additional source for STM32G03x/04x and STM32G07x/08x listed products
1.4 Product Category	STM32G03x, STM32G04x, STM32G07x, STM32G08x
1.5 Issue date	2024-10-04

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: Assembly site (SOP 2617)	ST Calamba (Philippines)

4. Description of change

	Old	New
4.1 Description	Back-End Sources: - ASE Kaohsiung (Taiwan) Gold + Copper - STATSChipPAC JSCC (China) Gold + Copper	Back-End Sources: - ASE Kaohsiung (Taiwan) Gold + Copper - STATSChipPAC JSCC (China) Gold + Copper Additional Back-end source: - ST Calamba (Philippines) / Bonding Wire is Copper Alloy
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Lead color and surface finish change depending on leadfinishing. Package darkness changes depending on molding compound. Pin1 identifier might change in terms of form and positioning. Marking position and size could be different upon assembly site, without any loss of information.	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST General Purpose Microcontrollers Group decided to qualify an additional back-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	Please refer to PCN14733 additional Information document. Assembly
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7. Timing / schedule

7.1 Date of qualification results	2024-12-18
7.2 Intended start of delivery	2024-12-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	14733 MDG-GPM-RER2317 PCN14733 ST CLB UFQFN 5x5 - Reliability plan .pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-10-04

9. Attachments (additional documentations)	
14733 Public product.pdf 14733 MDG-GPM-RER2317 PCN14733 ST CLB UFQFN 5x5 - Reliability plan .pdf 14733 PCN14733_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
	STM32G031K6U6	
	STM32G031K8U6	
	STM32G071K8U6	
	STM32G071KBU3	
	STM32G071KBU6	
	STM32G071KBU6N	
	STM32G081KBU6	

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Public Products List

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PCN Title : ST Calamba (Philippines) UFQFPN 5x5 32L package line additional source for STM32G03x/04x and STM32G07x/08x listed products

PCN Reference : MICROCONTROLLERS/24/14733

Subject : Public Products List

Dear Customer,

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

STM32G031K4U3TR	STM32G071KBU6TR	STM32G031K8U7TR
STM32G031K6U6	STM32G031K8U6	STM32G041K6U3TR
STM32G031K8U3	STM32G031K8U6TR	STM32G081KBU6
STM32G071KBU7	STM32G071KBU6	STM32G041K6U3
STM32G041K8U6	STM32G031K8U7	STM32G031K4U3
STM32G071KBU3	STM32G071KBU6N	STM32G071KBU7TR
STM32G031K4U6	STM32G031K8U3TR	STM32G031K4U6TR
STM32G071K8U6		

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