


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/24/14405	
1.3 Title of PCN	ST Calamba (Philippines) UFQFPN 7x7 48L package line additional source for STM32G05x/G06x, STM32L45x/L46x and STM32G0Bx/G0Cx listed products	
1.4 Product Category	STM32G05x/G06x, STM32L45x/L46x and STM32G0Bx/G0Cx	
1.5 Issue date	2024-05-29	

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) - STATSChipPAC JSCC (China)	Back-End Sources - ASE KaoHsiung (Taiwan) / Bonding Wire is Gold - STATSChipPAC JSCC (China) / Bonding Wire is Gold - 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	Change is visible through assembly traceability plant, in the marking: - "GQ" for Stats ChipPAC Jiangyin China (JSCC) - "AA" for ASE Kaohsiung Taiwan - "78" for ST Calamba Philippines Please refer to PCN 14173 Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2024-07-15
7.2 Intended start of delivery	2024-07-22
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	14405 MDG-GPM-RER2317 PCN14405 ST CLB UFQFN7x7 48L STM32G-Cx - Reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-05-29

9. Attachments (additional documentations)	
14405 Public product.pdf 14405 MDG-GPM-RER2317 PCN14405 ST CLB UFQFN7x7 48L STM32G-Cx - Reliability plan.pdf 14405 PCN14405_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
	STM32G051C6U6	
	STM32G051C8U6	
	STM32G061C6U6	
	STM32G061C8U6	
	STM32G0B1CBU6	
	STM32G0B1CCU6	
	STM32G0B1CEU6	
	STM32G0C1CEU6	
	STM32L451CCU3	
	STM32L451CCU6	
	STM32L451CCU6TR	
	STM32L451CEU6	
	STM32L451CEU6TR	
	STM32L452CCU6	
	STM32L452CEU3	
	STM32L452CEU6	
	STM32L462CEU6	



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : ST Calamba (Philippines) UFQFPN 7x7 48L package line additional source for STM32G05x/G06x, STM32L45x/L46x and STM32G0Bx/G0Cx listed products

PCN Reference : MDG/24/14405

Subject : Public Products List

Dear Customer,

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

STM32G061C6U6	STM32L451CCU3TR	STM32G0B1CEU7TR
STM32G0B1CCU3TR	STM32G0B1CCU6N	STM32G0B1CCU7
STM32L462CEU6	STM32G051C8U6TR	STM32G0B1CCU6
STM32G0B1CBU7	STM32G0B1CEU6	STM32G0B1CBU6N
STM32G061C8U6	STM32G0B1CEU7	STM32G0B1CCU6NTR
STM32G0B1CCU3	STM32G0B1CBU3	STM32G051C8U7TR
STM32G051C8U3	STM32L451CEU6TR	STM32G0B1CBU6
STM32G0B1CBU7TR	STM32G051C8U7	STM32L451CCU6TR
STM32L452CEU3	STM32G051C8U6	STM32L451CCU3
STM32G0B1CBU6TR	STM32L462CEU6TR	STM32L451CEU6
STM32G051C6U6	STM32G0C1CCU6	STM32G051C8U3TR
STM32G0C1CEU6TR	STM32G0B1CCU6TR	STM32G0B1CEU6N
STM32L452CEU6	STM32G0B1CCU7TR	STM32L451CCU6
STM32L452CCU6	STM32G0C1CEU6	STM32L462CEU6F

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