PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data	
1.1 Company	STMicroelectronics International N.V
1.2 PCN No.	MDG/23/14173
1.3 Title of PCN	ST Calamba (Philippines) UFQFPN 7x7 48L package line additional source for STM32G07x/08x, STM32G41x/G47x/48x and STM32C031x listed products
1.4 Product Category	STM32C0x, STM32G0x, STM32G4x.
1.5 Issue date	2023-10-25

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.

7. Timing / schedule	
7.1 Date of qualification results	2024-01-31
7.2 Intended start of delivery	2024-03-06

7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	14173 MDG-GPM-RER2317 PCN14173 ST CLB UFQFN7x7 48L STM32G-Cx - Reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	2023-10-25

9. Attachments (additional documentations)
14173 Public product.pdf 14173 MDG-GPM-RER2317 PCN14173 ST CLB UFQFN7x7 48L STM32G-Cx - Reliability plan.pdf 14173 PCN14173_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**
	STM32C031C4U6	
	STM32C031C6U6	
	STM32G071C8U6TR	
	STM32G071CBU6	
	STM32G473CBU6	
	STM32G473CCU6	
	STM32G473CEU6	
	STM32G474CEU6	
	STM32G484CEU6	

Public Products List

Publict 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 STM32G07x/08x, STM32G41x/G47x/48x and STM32C031x listed products

PCN Reference : MDG/23/14173

Subject : Public Products List

Dear Customer,

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

STM32G071C8U7	STM32G071CBU6	STM32G473CCU3TR
STM32G473CEU3	STM32G473CEU6	STM32G071C8U3TR
STM32G071CBU6TR	STM32C031C6U7	STM32G071C8U3
STM32C031C6U6	STM32G081CBU6	STM32G071CBU3
STM32G473CEU3F	STM32C031C6U7TR	STM32G474CCU6
STM32C031C4U6	STM32G483CEU6	STM32G473CCU6
STM32G071C8U6TR	STM32G474CEU6TR	STM32G071CBU3TR
STM32G473CCU6TR	STM32G071C8U7TR	STM32G484CEU6
STM32G474CEU6	STM32G474CBU6	STM32G473CEU6F
STM32G473CBU6	STM32G473CCU3	STM32G474CCU3
STM32G473CEU3TR		

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