

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/24/14291	
1.3 Title of PCN	ST Calamba (Philippines) additional assembly plant for STM32MP15x product in BGA10x10, BGA18x18 packages	
1.4 Product Category	STM32MP15x products in LFBGA18X18 and TFBGA10X10	
1.5 Issue date	2024-02-09	

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)	- AMKOR ATK (Korea) - ASE KAOHSIUNG (Taiwan) - ST CALAMBA (Philippines)

4. Description of change

	Old	New
4.1 Description	Existing Back-end source: - Amkor ATK Korea - ASE Kaohsiung Taiwan	Back-end sources: - Amkor ATK Korea - ASE Kaohsiung Taiwan - ST Calamba Philippines - Additional source For detailed information, please refer to PCN14291 – Additional information attached document.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	Additional Assembly site Package darkness changes depending on molding compound. 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 Microcontrollers Division 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	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Change is visible through assembly traceability plant, in the marking: - "HP" for Amkor ATK Korea - "AA" for ASE Kaohsiung Taiwan - "78" for ST Calamba Philippines Please refer to PCN 14291– Additional information attached document.
------------------------	--

7. Timing / schedule

7.1 Date of qualification results	2023-12-20
7.2 Intended start of delivery	2023-12-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
--------------------------------------	--	--	--

8.1 Description	14291 MDG-GPM-RER2301 PCN14291 ST Calamba additional assy STM32MP15x BGA10&18 reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-02-09

9. Attachments (additional documentations)			
---	--	--	--

14291 Public product.pdf
 14291 MDG-GPM-RER2301 PCN14291 ST Calamba additional assy STM32MP15x BGA10&18 reliability plan.pdf
 14291 PCN14291_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
	STM32MP151AAA3	
	STM32MP151AAD3	
	STM32MP151CAA3	
	STM32MP151CAA3T	
	STM32MP151DAD1	
	STM32MP151FAA1	
	STM32MP153AAA3	
	STM32MP153AAD3	
	STM32MP153CAA3	
	STM32MP153DAD1	
	STM32MP157AAA3	
	STM32MP157AAA3T	
	STM32MP157AAD3	
	STM32MP157AAD3T	
	STM32MP157CAA3	
	STM32MP157CAD3	
	STM32MP157DAD1	
	STM32MP157FAA1	
	STM32MP157FAD1	



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) additional assembly plant for STM32MP15x product in BGA10x10, BGA18x18 packages

PCN Reference : MDG/24/14291

Subject : Public Products List

Dear Customer,

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

STM32MP151CAA3	STM32MP153AAA3	STM32MP153CAA3
STM32MP157AAA3	STM32MP157CAA3	STM32MP151AAD3
STM32MP151AAA3	STM32MP157AAD3	STM32MP153AAD3
STM32MP157AAA3T	STM32MP153DAA1	STM32MP151CAA3T
STM32MP157DAA1	STM32MP153CAD3	STM32MP151AAA3T
STM32MP153AAA3T	STM32MP157CAD3	STM32MP151FAA1
STM32MP157FAA1	STM32MP151DAA1	STM32MP151CAD3
STM32MP153CAA3T	STM32MP157CAA3T	STM32MP151AAD3T
STM32MP151CAD3T	STM32MP157FAA1T	STM32MP151DAD1
STM32MP157CAD3T	STM32MP157DAD1	STM32MP153CAD3T
STM32MP153FAD1	STM32MP151FAD1	STM32MP153FAA1
STM32MP157FAD1	STM32MP157AAD3T	STM32MP153DAD1
STM32MP153AAD3T		

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.