


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/22/13736	
1.3 Title of PCN	SAMSUNG Foundry (South Korea) additional source for STM32H7Ax & STM32H7Bx 2MB listed products	
1.4 Product Category	STM32H7Ax, STM32H7Bx	
1.5 Issue date	2022-11-24	

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	ST Crolles (France) SAMSUNG Foundry (South Korea)

4. Description of change

	Old	New
4.1 Description	Front-end source: - ST Crolles 12" France	Front-end sources: - ST Crolles 12" (France) - SAMSUNG Foundry 12" (South Korea) - added source There is no change in the product functionality. Please refer to PCN 13736 – Additional information attached document.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	Packaged products : no change.	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST General Purpose Microcontroller 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	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Change is visible through diffusion traceability plant, on the marking: - "VQ" for ST Crolles 12" (France) - "LM" for SAMSUNG 12" (South Korea)
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7. Timing / schedule

7.1 Date of qualification results	2023-03-20
7.2 Intended start of delivery	2023-03-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13736 MDG-GPM-RER2203 -PCN13736- eSTM40 tranfser to Samsung Foundry for STM32H7 (die 480) - Reliability Plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-11-24

9. Attachments (additional documentations)

13736 Public product.pdf
13736 MDG-GPM-RER2203 -PCN13736- eSTM40 tranfser to Samsung Foundry for STM32H7 (die 480) - Reliability Plan.pdf
13736 PCN13736_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
	STM32H7A3IIT6Q	
	STM32H7A3LIH6Q	
	STM32H7A3VIT6	
	STM32H7A3ZIT6	



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 : SAMSUNG Foundry (South Korea) additional source for STM32H7Ax & STM32H7Bx 2MB listed products

PCN Reference : MDG/22/13736

Subject : Public Products List

Dear Customer,

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

STM32H7A3IGT6	STM32H7A3ZGT6	STM32H7A3VGH6
STM32H7B3QIY6QTR	STM32H7A3NIH6	STM32H7A3NGH6
STM32H7A3IIK6Q	STM32H7B3VIT6Q	STM32H7A3QIY6QTR
STM32H7B3NIH6	STM32H7B3IIT6Q	STM32H7B3AII6Q
STM32H7B3VIT6	STM32H7A3IIT6Q	STM32H7A3ZIT6
STM32H7B3IIK6	STM32H7A3VIT6	STM32H7B0ZBT6
STM32H7A3RIT6	STM32H7A3VIT6Q	STM32H7A3VIH6Q
STM32H7A3AGI6Q	STM32H7B0IBT6	STM32H7A3RGT6
STM32H7B3LIH6Q	STM32H7B0ABI6Q	STM32H7A3IIT6
STM32H7A3VGT6	STM32H7A3LIH6Q	STM32H7B3VIH6Q
STM32H7B3VIH6	STM32H7A3IIK6	STM32H7B0IBK6Q
STM32H7A3IIK6QTR	STM32H7A3VIH6	STM32H7A3LGH6Q
STM32H7B0VBT6TR	STM32H7B3RIT6	STM32H7A3AII6Q
STM32H7B0VBT6	STM32H7B0RBT6	STM32H7B3IIK6Q
STM32H7A3RIT6TR	STM32H7B3ZIT6	STM32H7B3ZIT6Q
STM32H7A3ZIT6Q	STM32H7B3IIT6	STM32H7A3VGH6Q



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