


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/21/12405	
1.3 Title of PCN	TSMC Singapore Wafer Fab (SSMC) additional source for STM32F33x 64K listed products	
1.4 Product Category	STM32F33x 64K	
1.5 Issue date	2021-06-07	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@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	TSMC Singapore Wafer Fab SSMC

4. Description of change

	Old	New
4.1 Description	Wafer diffusion plants : - TSMC Taiwan Wafer Fab 3	Wafer diffusion plants : - TSMC Taiwan Wafer Fab 3 - TSMC Singapore Wafer Fab (SSMC) There is no change in the product functionality.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no change	

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 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	Traceability of the change is ensured by ST internal tools. Change is visible through diffusion traceability plant, in the marking: - "93" for TSMC Taiwan Wafer Fab 3 - "9C" for TSMC Singapore Wafer Fab SSMC Please refer to PCN 12405 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2021-06-01
7.2 Intended start of delivery	2021-07-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12405 MDG-MCD-RER1802 V4.0 - PCN10553 - PCN10803 - PCN10979 - PCN12405 - STM32F - TSMC SSMC 0.18 Xfer - Reliability Evaluation Report.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-06-07
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9. Attachments (additional documentations)

12405 Public product.pdf 12405 MDG-MCD-RER1802 V4.0 - PCN10553 - PCN10803 - PCN10979 - PCN12405 - STM32F - TSMC SSMC 0.18 Xfer - Reliability Evaluation Report.pdf 12405 PCN12405_Additional information.pdf
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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
	STM32F334K4T6	
	STM32F334K6T6	
3011625	STM32F334K8U6	

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