

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	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	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	

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
	STM32F303C6T6	
	STM32F303C8T6	
	STM32F303K6T6	
	STM32F303K8T6	
	STM32F303R6T6	
	STM32F303R8T6	
	STM32F334C4T6	
	STM32F334C6T6	
	STM32F334C6T7	
	STM32F334C8T6	
	STM32F334C8T7	
	STM32F334K4T6	
	STM32F334K6T6	
	STM32F334K8T6	
	STM32F334K8T6TR	
	STM32F334K8T7	
	STM32F334R6T6	
	STM32F334R8T6	
	STM32F334R8T7	



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 : TSMC Singapore Wafer Fab (SSMC) additional source for STM32F33x 64K listed products

PCN Reference : MDG/21/12405

Subject : Public Products List

Dear Customer,

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

STM32F334C8T6TR	STM32F334C6T7	STM32F334C6T6
STM32F303R8T7TR	STM32F334R8T6TR	STM32F334C8Y7TR
STM32F334C8T7TR	STM32F334K8T6TR	STM32F303R8T6
STM32F334K8U6TR	STM32F334K8U6	STM32F334K8T6
STM32F334C8T6	STM32F303C6T6	STM32F303R8T7
STM32F334R8T7TR	STM32F334K4T6	STM32F334C6T6TR
STM32F334R8T6	STM32F334R8T7	STM32F303K8T6
STM32F334C4T6	STM32F334R6T6	STM32F334K6T7
STM32F303K6T6	STM32F334C8Y6TR	STM32F303C8Y6TR
STM32F334C6T7TR	STM32F334K6T6	STM32F334K8T7
STM32F334C8T7	STM32F303R8T6TR	STM32F303C8T6
STM32F303R6T6	STM32F328C8T6	



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