


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/18/10553	
1.3 Title of PCN	STM32F listed products – TSMC Singapore Wafer Fab SSMC additional source	
1.4 Product Category	STM32F030x8 & STM32F051 & STM32F058 & STM32F301xB/C & STM32F302xB/C & STM32F303xB/C & STM32F358xC products listed	
1.5 Issue date	2018-05-25	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Michel BUFFA
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 8 - TSMC USA Wafer Fab 11	Wafer diffusion plants : - TSMC Taiwan Wafer Fab 8 - TSMC USA Wafer Fab 11 - 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: - "98" for TSMC Taiwan Wafer Fab 8 - "9U" for TSMC USA Wafer Fab 11 - "9C" for TSMC Singapore Wafer Fab SSMC Please refer to PCN 10553 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2018-07-20
7.2 Intended start of delivery	2018-08-20
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	10553 MDG-MCD-RER1802 - PCN10553 - STM32F listed products_TSMC Singapore Wafer Fab SSMC additional source - reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-05-25

9. Attachments (additional documentations)

10553 Public product.pdf
10553 MDG-MCD-RER1802 - PCN10553 - STM32F listed products_TSMC Singapore Wafer Fab SSMC additional source - reliability plan.pdf
10553 PCN10553_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
	STM32F302VCT6TR	

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