


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/19/10803	
1.3 Title of PCN	Extended STM32F listed products – TSMC Singapore Wafer Fab SSMC additional source	
1.4 Product Category	STM32F050x 32K; STM32F04 32K; STM32F07 128K products listed	
1.5 Issue date	2019-02-26	

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	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 8 - TSMC USA Wafer Fab 11	Wafer diffusion plants : - TSMC Taiwan Wafer Fab 8 - TSMC USA Wafer Fab 11 - TSMC Singapore wafer Fab SSMC (added) Datasheet parameters are unchanged. There is no hardware or software change for customers
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no change	

5. Reason / motivation for change

5.1 Motivation	The change improves and secures service through capacity increase & double-sourcing.
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 - "93" for TSMC Taiwan Wafer Fab 3 - "9C" for TSMC Singapore Wafer Fab SSMC Please refer to PCN 10803 – Additional information attached document.
------------------------	---

7. Timing / schedule

7.1 Date of qualification results	2019-02-28
7.2 Intended start of delivery	2019-03-29
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	10803 MDG-MCD-RER1802 - PCN10553 PCN10803- 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	2019-02-26

9. Attachments (additional documentations)

10803 Public product.pdf
10803 MDG-MCD-RER1802 - PCN10553 PCN10803- STM32F listed products_TSMC Singapore Wafer Fab SSMC additional source - reliability plan.pdf
10803 PCN10803_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
	STM32F042C6U6	
	STM32F072VBH7	

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.

© 2018 STMicroelectronics – All rights reserved