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	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 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**
	STM32F030C6T6	
	STM32F030C6T6TR	
	STM32F030F4P6	
	STM32F030F4P6TR	
	STM32F030K6T6	
	STM32F030K6T6TR	
	STM32F031C4T6	
	STM32F031C6T6	
	STM32F031C6T7	
	STM32F031E6Y6TR	
	STM32F031F4P6	
	STM32F031F4P7	
	STM32F031F6P6	
	STM32F031F6P7	
	STM32F031G4U6	
	STM32F031G6U6	
	STM32F031K4U6	
	STM32F031K6T6	
	STM32F031K6U6	
	STM32F038F6P6	
	STM32F042C4T6	
	STM32F042C6T6	
	STM32F042C6U6	
	STM32F042F4P6	
	STM32F042F6P6	
	STM32F042F6P7	
	STM32F042G4U6	
	STM32F042G6U6	
	STM32F042G6U7	
	STM32F042K4T6	
	STM32F042K6T6	
	STM32F042K6U6	
	STM32F070C6T6	
	STM32F070CBT6	
	STM32F070F6P6	
	STM32F070F6P6TR	
	STM32F070RBT6	
	STM32F070RBT6TR	

	STM32F071C8T6	
	STM32F071CBT6	
	STM32F071CBU6	
	STM32F071CBU7	
	STM32F071RBT6	
	STM32F071V8T6	
	STM32F071VBT6	
	STM32F072C8T6	
	STM32F072C8T6TR	
	STM32F072C8U6	
	STM32F072CBT6	
	STM32F072CBU6	
	STM32F072CBU6TR	
	STM32F072R8T6	
	STM32F072R8T6TR	
	STM32F072RBT6	
	STM32F072RBT6TR	
	STM32F072RBT7	
	STM32F072V8T6	
	STM32F072VBT6	

Public Products List

Publict 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 : Extended STM32F listed products – TSMC Singapore Wafer Fab SSMC additional source

PCN Reference : MDG/19/10803

Subject : Public Products List

Dear Customer,

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

STM32F070F6P6TR	STM32F031K4U6	STM32F031F6P6
STM32F031F4P7	STM32F031F6P7TR	STM32F038C6T6
STM32F072C8T6TR	STM32F042K4T6TR	STM32F072C8T6
STM32F031G6U6TR	STM32F030K6T6	STM32F031F4P6TR
STM32F071CBU6TR	STM32F072CBT6TR	STM32F078CBU6
STM32F030C6T6	STM32F070CBT6TR	STM32F072CBU7
STM32F038F6P6	STM32F070RBT6TR	STM32F031F4P6
STM32F042K6U6	STM32F042K6T7	STM32F031G4U7TR
STM32F042G6U6	STM32F071CBT7	STM32F072R8T6TR
STM32F072RBT6	STM32F031G4U7	STM32F031G4U6
STM32F031K6T7	STM32F031G6U7TR	STM32F072C8U6TR
STM32F072C8T7	STM32F072VBT6	STM32F078CBT6
STM32F031F6P7	STM32F072C8U7	STM32F031C4T6TR
STM32F031C6T6	STM32F071C8T6	STM32F071CBU7
STM32F072CBT7	STM32F038G6U6	STM32F071V8T7
STM32F072CBU6	STM32F070CBT6	STM32F072CBT6
STM32F071V8H6	STM32F031C4T6	STM32F071RBT6TR
STM32F071CBT6	STM32F071CBU7TR	STM32F072R8T6
STM32F070RBT6	STM32F071VBT6TR	STM32F031K6T7TR
STM32F071VBT6	STM32F072RBH6TR	STM32F071RBT6
STM32F042K4U6	STM32F072RBT6TR	STM32F030C6T6TR
STM32F071CBT6TR	STM32F031F6P6TR	STM32F031K6T6
STM32F071V8T6	STM32F042C6U6	STM32F031C6T6TR
STM32F030F4P6	STM32F048G6U6	STM32F042C6T6
STM32F038C6T7	STM32F071VBH6	STM32F038F6P6TR
STM32F072CBU6TR	STM32F031G4U6TR	STM32F030F4P6TR
STM32F070C6T6TR	STM32F072RBH6	STM32F031K4U6TR
STM32F031C6T7	STM32F071V8T6TR	STM32F078RBH7TR
STM32F078CBY6TR	STM32F072RBT7TR	STM32F071CBU6
STM32F042K6U7	STM32F042K6T6	STM32F072CBY6TR
STM32F030K6T6TR	STM32F078RBT6	STM32F072CBY7TR
STM32F042C4T6	STM32F042C4U6	STM32F031E6Y6TR
STM32F038E6Y6TR	STM32F072C8U6	STM32F071CBT7TR
STM32F078VBT6	STM32F031K6U7	STM32F072CBU7TR
STM32F038K6U6	STM32F031G6U6	STM32F071C8T6TR
STM32F042G4U6TR	STM32F031K6U6	STM32F042F6P6

STM32F072VBH6TR	STM32F072V8H6	STM32F078VBH6
STM32F071CBY6TR	STM32F071C8U6	STM32F072VBH6
STM32F031K6U6TR	STM32F042G4U6	STM32F042T6Y6TR
STM32F070F6P6	STM32F070C6T6	STM32F048T6Y6TR
STM32F071V8T7TR	STM32F048C6U6	STM32F042F4P6TR
STM32F072RBT7	STM32F042F4P6	STM32F031C6T7TR
STM32F071RBT7TR	STM32F072V8T6	STM32F042K4T6
STM32F072VBH7	STM32F078RBH6TR	STM32F031G6U7
STM32F048C6U6TR	STM32F042C6U7	STM32F031K6U7TR
STM32F078VBH6TR	STM32F042F6P7	STM32F042K6T6TR

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