


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	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	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
	STM32F030C8T6	
	STM32F030C8T6TR	
	STM32F030R8T6	
	STM32F030R8T6TR	
	STM32F051C4T6	
	STM32F051C6T6	
	STM32F051C8T6	
	STM32F051C8T6TR	
	STM32F051C8T7	
	STM32F051C8U6	
	STM32F051K4T6	
	STM32F051K4U6	
	STM32F051K4U6TR	
	STM32F051K4U7	
	STM32F051K6T6	
	STM32F051K6U6	
	STM32F051K6U6TR	
	STM32F051K8T6	
	STM32F051K8U6	
	STM32F051K8U6TR	
	STM32F051K8U7	
	STM32F051R4T6	
	STM32F051R6T6	
	STM32F051R8T6	
	STM32F051R8T6TR	
	STM32F051T8Y6TR	
	STM32F302CBT6	
	STM32F302CCT6	
	STM32F302RBT6	
	STM32F302RCT6	
	STM32F302VBT6	
	STM32F302VCT6	
	STM32F303CBT6	
	STM32F303CBT7	
	STM32F303CCT6	
	STM32F303RBT6	
	STM32F303RBT7	
	STM32F303RCT6	

	STM32F303RCT7	
	STM32F303VBT6	
	STM32F303VCT6	
	STM32F303VCT7	
	STM32F358VCT6	



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

PCN Reference : MDG/18/10553

Subject : Public Products List

Dear Customer,

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

STM32F051R6T6	STM32F051C8T6TR	STM32F051C4T6
STM32F051K6T6	STM32F051K4U6TR	STM32F030C8T6
STM32F051K8T6TR	STM32F302VCT7TR	STM32F051C6T7
STM32F303RCT6TR	STM32F051K6U7TR	STM32F303VBT6
STM32F051C8T7	STM32F051R6T6TR	STM32F030C8T6TR
STM32F358CCT6	STM32F302CBT7	STM32F058C8U6
STM32F051C8U6TR	STM32F051K8U7	STM32F051C4T6TR
STM32F051C8T7TR	STM32F302VCT6	STM32F302VCY6TR
STM32F051K6U6	STM32F058R8T6	STM32F051R4T6
STM32F051K6U6TR	STM32F051K4U7TR	STM32F303VCT6
STM32F051C6T6TR	STM32F058R8H7	STM32F051K8U7TR
STM32F302VCT6TR	STM32F051C8T6	STM32F051K6U7
STM32F051K4U7	STM32F302RCT7	STM32F303CBT7
STM32F030R8T6TR	STM32F303RCT7	STM32F303CCT6
STM32F051T8Y6TR	STM32F302RBT6TR	STM32F303VCT7
STM32F303VBT6TR	STM32F302RCT7TR	STM32F058R8H6TR
STM32F051C8U6	STM32F302CBT6	STM32F051K4T6TR
STM32F303CCT6TR	STM32F051C4U6	STM32F051K6T7TR
STM32F051K8T7	STM32F303CBT6	STM32F302CCT6
STM32F051C6T6	STM32F030R8T6	STM32F051K8U6TR
STM32F303VCT7TR	STM32F051K4U6	STM32F051K4T6
STM32F051C8U7	STM32F302VCT7	STM32F302VBT6
STM32F303VCT6TR	STM32F302RBT6	STM32F051R8T6
STM32F051K6T6TR	STM32F358VCT6	STM32F051R8H7
STM32F303VCY6TR	STM32F302RCT6	STM32F051R6T7TR
STM32F051K6T7	STM32F051C6U6	STM32F303RBT6TR
STM32F051R8T7	STM32F302VBT6TR	STM32F358RCT6
STM32F303RBT6	STM32F303RCT6	STM32F051R8T6TR
STM32F051K8U6	STM32F302RBT7	STM32F058T8Y6TR
STM32F302CBT6TR	STM32F051R4T6TR	STM32F051K8T6
STM32F058R8H7TR	STM32F303CBT6TR	STM32F303RBT7
STM32F303CBT7TR	STM32F302RCT6TR	STM32F303RBT7TR
STM32F302CCT6TR	STM32F302CCT7	



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