


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		MDG/21/12790
1.3 Title of PCN		TSMC (USA) Wafer Fab additional source for STM32F107 256K listed products
1.4 Product Category		STM32F107 256K
1.5 Issue date		2021-06-10

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 (Taiwan) Wafer Fab

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 USA Wafer Fab 11 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 - "9U" for TSMC USA Wafer Fab 11 Please refer to PCN 12790 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2021-05-28
7.2 Intended start of delivery	2021-07-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12790 MDG-MCD RER2104 V1.0 - PCN12790 - Wafer Fab additional source for STM32F107 256K Transfer Fab11 - reliability Evaluation Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-06-10

9. Attachments (additional documentations)

12790 Public product.pdf
12790 MDG-MCD RER2104 V1.0 - PCN12790 - Wafer Fab additional source for STM32F107 256K Transfer Fab11 - reliability Evaluation Report.pdf
12790 PCN12790_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	
	STM32F105R8T6		
	STM32F105R8T6TR		
	STM32F105R8T7		
	STM32F105RBT6		
	STM32F105RBT6TR		
	STM32F105RCT6		
	STM32F105RCT6TR		
	STM32F105RCT6V		
	STM32F105RCT7		
	STM32F105V8T6		
	STM32F105VBH6		
	STM32F105VBT6		
	STM32F105VCT6		
	STM32F105VCT6TR		
	STM32F105VCT7		
	STM32F107RBT6		
	STM32F107RCT6		
	STM32F107RCT6TR		
	STM32F107RCT7		
	STM32F107VBT6		
	STM32F107VCH6		
	STM32F107VCT6		
	STM32F107VCT6TR		
	STM32F107VCT7		

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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 (USA) Wafer Fab additional source

for STM32F107 256K listed products

PCN Reference : MDG/21/12790

Subject : Public Products List

Dear Customer,

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

STM32F105VBT6	STM32F105VCT6W	STM32F105RCT6W
STM32F107VBT6	STM32F105V8T6	STM32F105RBT6TR
STM32F107RCT6	STM32F105VBH6TR	STM32F105RCT6TR
STM32F105VCT6	STM32F105RCT6V	STM32F107RCT7
STM32F105R8T6	STM32F107RBT6TR	STM32F107VCT6TR
STM32F107VCT7	STM32F107RCT6TR	STM32F105R8T7
STM32F105RCT7	STM32F107VCT6	STM32F107VCH6
STM32F105RCT6	STM32F105VCT6V	STM32F105V8T6TR
STM32F105VCT6TR	STM32F107RBT6	STM32F105VBH6
STM32F105R8T6TR	STM32F105RBT6	STM32F105VCT7



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