


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/21/13171	
<b>1.3 Title of PCN</b>	Qualification of new assembly line for SMB Flat 2 leads wire package at ST Bouskoura in Morocco	
<b>1.4 Product Category</b>	STPS3H100UFY STTH110UFY STTH112UFY STTH1L06UFY STTH1R06UFY STTH208UFY STTH2L06UFY STTH2R06UFY STTH310UFY STTH3L06UFY STTH3R06UFY	
<b>1.5 Issue date</b>	2021-12-23	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	KRISZTINA NEMETH
<b>2.1.2 Phone</b>	+49 89460062210
<b>2.1.3 Email</b>	krisztina.nemeth@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Stephane CHAMARD
<b>2.1.2 Marketing Manager</b>	Philippe LEGER
<b>2.1.3 Quality Manager</b>	Jean-Paul REBRASSE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Machines	(Not Defined)	ST Bouskoura in Morocco

**4. Description of change**

	Old	New
<b>4.1 Description</b>	Assembly line in ST Bouskoura (Morocco)	New assembly line for SMB Flat 2 leads wire at same Back-End plant (ST Bouskoura) in Morocco. With this new line, the manufacturing process will be enhanced with conversion to Pb-free based Die-attach material and with package outline optimization.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	With this additional line investment, STMicroelectronics will increase its production capacity to better serve its customers through service improvement and lead time reduction. To ease report on boards at customers side, ST is proposing package outline optimization with wettable leads termination and notch on package back side.
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Traceability of the change will be ensured by Finished Good/Type print on carton labels.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2021-12-20
<b>7.2 Intended start of delivery</b>	2022-06-03

7.3 Qualification sample available?	Upon Request
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8. Qualification / Validation			
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8.1 Description	13171 21077QRP.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-12-23

9. Attachments (additional documentations)			
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13171 Public product.pdf  
13171 SMB Flat 2L wire Morocco.pdf  
13171 21077QRP.pdf

10. Affected parts		
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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
	STPS3H100UFY	
	STTH110UFY	
	STTH112UFY	
	STTH1R06UFY	
	STTH208UFY	
	STTH2L06UFY	
	STTH2R06UFY	
	STTH310UFY	
	STTH3L06UFY	

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