


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Stephane CHAMARD
2.1.2 Marketing Manager	Philippe LEGER
2.1.3 Quality Manager	Jean-Paul REBRASSE

3. Change

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

4. Description of change

	Old	New
4.1 Description	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.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No	

5. Reason / motivation for change

5.1 Motivation	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.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

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

7.1 Date of qualification results	2021-12-20
7.2 Intended start of delivery	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
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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	

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