

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/19/11683	
1.3 Title of PCN	New set of material for selected Automotive Grade products assembled in SO8 package in ST Bouskoura	
1.4 Product Category	See product list	
1.5 Issue date	2019-07-20	

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	Lorenzo NASO
2.1.2 Marketing Manager	Marcello SAN BIAGIO
2.1.3 Quality Manager	Sergio Tommaso SPAMPINATO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	New Indirect material part number (same supplier or different supplier): Plating	ST Bouskoura

4. Description of change

	Old	New
4.1 Description	Molding compound : Sumitomo G700K Plating : NiPdAu Lead-frame : Standard matrix frame	Molding compound : Sumitomo G700KC Plating : Sn Lead-frame : Super High density frame
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	Progressing on the activities related to quality continuous improvement, ST is glad to announce a new material set (molding compound and plating) for some selected Automotive Grade products assembled in SO8 in ST Bouskoura. Besides, we will introduce a new lead-frame with higher density in order to increase our production capacity and rationalize our production tool. This change has no impact on the internal lead-frame structure.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	New Finished Good codes
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7. Timing / schedule

7.1 Date of qualification results	2019-07-15
7.2 Intended start of delivery	2020-01-25
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11683 RER_11683_Qual report SOSSHD Bouskoura UM0X_July2019-general case.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-07-20

9. Attachments (additional documentations)

11683 Public product.pdf
11683 RER_11683_Qual report SOSSHD Bouskoura UM0X_July2019-general case.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
	A6727	
	A6727TR	

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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 : New set of material for selected Automotive Grade products assembled in SO8 package in ST Bouskoura

PCN Reference : AMS/19/11683

Subject : Public Products List

Dear Customer,

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

A6727TR	A6727	
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