


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/19/11271	
1.3 Title of PCN	Qualification of a new material set in ST Bouskoura for Voltage References in Automotive grade assembled in SO8 packages (General Purpose Analog Division)	
1.4 Product Category	Voltage references in Automotive Grade - SO8 package (see detail in the product list)	
1.5 Issue date	2019-05-24	

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	Paolo MORETTI

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	(Not Defined)	Back end : ST Bouskoura

4. Description of change

	Old	New
4.1 Description	Current set of material : - Molding compound : Nitto MP8000 - Die attach : Hitachi 4900ST - Lead-frame : Standard density - Wire : Gold 1 mil - Plating : NiPdAu	New set of material : - Molding compound : Sumitomo G700KC - Die attach : Ablestick 8601-S25 - Lead-frame : Super High density - Wire : Copper 1 mil - Plating : Sn
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 for Automotive Grade version of Voltage References in SO8 package produced in ST Bouskoura. This new set of material will improve our product robustness and meet the specific needs of the automotive market.
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	2019-05-15
7.2 Intended start of delivery	2019-12-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11271 Qual report SOSSHD Bouskoura_may2019-Vref case.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-05-24
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9. Attachments (additional documentations)

11271 Public product.pdf 11271 Qual report SOSSHD Bouskoura_may2019-Vref case.pdf
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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
	TL1431AIYDT	
	TL431AIYDT	
	TL1431IYDT	



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 : Qualification of a new material set in ST Bouskoura for Voltage References in Automotive grade assembled in SO8 packages (General Purpose Analog Division)

PCN Reference : AMS/19/11271

Subject : Public Products List

Dear Customer,

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

TL1431AIYDT	TL431IYDT	TL1431IYDT
TL431AIYDT		



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