


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/20/12117	
1.3 Title of PCN	New material set in ST Bouskoura for General Purpose Analog products in TSSOP14 packages	
1.4 Product Category	See product list	
1.5 Issue date	2020-04-22	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Marcello SAN BIAGIO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Jean-Marc BUGNARD

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	New direct material part number (same supplier, different supplier or new supplier), Mold compound	Back end plant = ST Bouskoura (Morocco)

4. Description of change

	Old	New
4.1 Description	- Molding compound = Sumitomo G630AY - Leadframe = Copper preplated NiPdAgAu standard density - Equipment = 20 years old equipments (DA ASM AD889, WB ASM Eaggie 60) - Traceability = Assy lot	- Molding compound = Sumitomo G700KC - Leadframe = Copper preplated NiPdAu standard density - Equipment = Latest generation of equipment (DA ASM 832i, WB KnS Connex ELA) - Traceability = 2D code allowing single die traceability
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 General Purpose Analog products in TSSOP14 package produced in ST Bouskoura. The goal of this PCN is to qualify new material set as described below and to move to brand new equipments replacing obsolete machines. This new set of material was developed to improve our product robustness.
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	2020-04-16
7.2 Intended start of delivery	2020-07-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
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8.1 Description	12117 standard-TSSOP14SHDQual Report_New material set.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-04-22

9. Attachments (additional documentations)			
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12117 Public product.pdf 12117 standard-TSSOP14SHDQual Report_New material set.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
	MC3303PT	
	TL084IPT	
3018748	TSX3704IPT	

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