


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	AMS/20/12354	
<b>1.3 Title of PCN</b>	New material set in ST Bouskoura for Automotive Grade products assembled in TSSOP8 package (General Purpose Analog)	
<b>1.4 Product Category</b>	See product list	
<b>1.5 Issue date</b>	2020-10-13	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	NEMETH KRISZTINA
<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>	Marcello SAN BIAGIO
<b>2.1.2 Marketing Manager</b>	Salvatore DI VINCENZO
<b>2.1.3 Quality Manager</b>	Jean-Marc BUGNARD

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), Mold compound	Assembly plant : ST Bouskoura

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	- Molding compound : Sumitomo G630AY - Die attach : Ablestick 8601-S25 - Lead frame : Copper preplated NiPdAgAu - Wire : Copper 1mil - Equipment : 20 years old equipments (DA ASM AD889 + WB ASM Eaggel 60)	- Molding compound : Sumitomo G700KC - Die attach : Ablestick 8601-S25 - Lead frame : Copper preplated NiPdAu - Wire : Copper 1mil - Equipment : Latest generation of equipment (DA ASM 832i + WB KnS Connex ELA)
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Progressing on activities related to quality continuous improvement, ST is glad to announce a new material set for General Purpose Analog products in TSSOP8 package produced in ST Bouskoura. The goal of this PCN is to qualify a new material set as well as to move to brand new equipment replacing obsolete machines. This new set of material was developed to improve our product robustness.
<b>5.2 Customer Benefit</b>	QUALITY IMPROVEMENT

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

<b>6.1 Description</b>	New Finished good codes
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2020-09-24
<b>7.2 Intended start of delivery</b>	2021-02-05
<b>7.3 Qualification sample available?</b>	Upon Request

<b>8. Qualification / Validation</b>			
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<b>8.1 Description</b>	12354 Auto-TSSOP8SHD Qual plan_New material set.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2020-10-13

<b>9. Attachments (additional documentations)</b>			
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12354 Public product.pdf 12354 Auto-TSSOP8SHD Qual plan_New material set.pdf			
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<b>10. Affected parts</b>		
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<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	LM2903HYPT	
	LM2904AWYPT	
	TS9222IYPT	

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