

**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>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@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 Eaggie 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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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
	LM258YPT	
	LM2903HYPT	
	LM2903WYPT	
	LM2903YPT	
	LM2904AHYPT	
	LM2904AWYPT	
	LM2904AYPT	
	LM2904WYPT	
	LM2904YPT	
	LMV358IYPT	
	TS1872IYPT	
	TS9222IYPT	
	TS922AIYPT	
	TS922IYPT	
	TS972IYPT	
	TSC1021AIYPT	
	TSC1021BIYPT	
	TSC102IYPT	
	TSC103IYPT	
	TSV358AIYPT	
	TSV358IYPT	

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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 material set in ST Bouskoura for Automotive Grade products assembled in TSSOP8 package (General Purpose Analog)

**PCN Reference** : AMS/20/12354

**Subject** : Public Products List

Dear Customer,

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

TS922IYPT	TSC1021AIYPT	LMV358IYPT
LM258YPT	TS9222IYPT	TSC1031IYPT
TS922AIYPT	LM258WYPT	LM2903YPT
LM2904YPT	LM2904WYPT	TS1872IYPT
TSC103IYPT	LM2903WYPT	TSV358IYPT
LM2904AYPT	TS952IYPT	TSC102IYPT
LM258AWYPT	LM2903HYPT	LM2904AHYPT
LM2904AWYPT	TSC1021BIYPT	TSV358AIYPT
TS972IYPT		



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