


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/20/12302	
1.3 Title of PCN	New material set in ST Bouskoura for General Purpose Analog products in TSSOP8 packages	
1.4 Product Category	See product list	
1.5 Issue date	2020-08-27	

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	Assembly : ST Bouskoura (Morocco)

4. Description of change

	Old	New
4.1 Description	<ul style="list-style-type: none"> - Molding compound : Sumitomo G630AY - Lead-frame : Copper preplated NiPdAgAu standard density - Equipment : 20 years old equipments (DA ASM AD889 + WB ASM Eaggie 60) - Traceability : Assy lot 	<ul style="list-style-type: none"> - Molding compound : Sumitomo G700KC - Lead-frame : 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 TSSOP8 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 will 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	2020-08-06
7.2 Intended start of delivery	2020-11-25
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	12302 std-TSSOP8SHD Qual plan_New material set.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-08-27

9. Attachments (additional documentations)	
12302 Public product.pdf 12302 std-TSSOP8SHD Qual plan_New material set.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
	TS462CPT	

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Public Products List

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PCN Title : New material set in ST Bouskoura for General Purpose Analog products in TSSOP8 packages

PCN Reference : AMS/20/12302

Subject : Public Products List

Dear Customer,

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

TS831-3IPT	TS922IPT	LM2903PT
TL082IPT	LM258PT	LM258WPT
LM2904PT	TS462CPT	TS862AIPT
TSC1031IPT	LM358PT	TS972IPT
TSC102IPT	LM358APT	LM293PT
LM358AWPT	TS272AIPT	LM258APT
TS3702IPT	TL082CPT	TS862IPT
TS952IPT	LM393PT	TS921IPT
TSC103IPT	TS9222IPT	MC4558CPT
TS272IPT	TS922AIPT	TS27L2IPT
TS27M2CPT	TS272CPT	TSC1021BIPT
TSV358IPT	TS393IPT	TSC1021AIPT
TS27L2CPT	CS70P	



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