

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	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - 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			
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)	
12117 Public product.pdf 12117 standard-TSSOP14SHDQual Report_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
LM239PT	LM239PT	
	LM324APT	
LM324PT	LM324PT	
LM339PT	LM339PT	
	LMV324LIPT	
	TS334IPT	
	TS884IPT	
TS954IPT	TS954IPT	
	TSV324IPT	
	TSV624AIPT	
	TSV624IPT	
	TSV854AIPT	
	TSV854IPT	
	TSV914AIPT	
	TSV994IPT	
	TSX564AIPT	
	TSX634AIPT	
LM2901PT	LM2901PT	

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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 TSSOP14 packages

PCN Reference : AMS/20/12117

Subject : Public Products List

Dear Customer,

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

TS924IPT	LMX324IPT	TS334IPT
TS27L4CPT	TSV324IPT	TS3704IPT
TSV914IPT	LMV824IPT	TSV914AIP
TSV6394AIP	TSV6394IPT	LM2902WPT
LM239APT	TSV634AIP	TS464CPT
TSV634IPT	TSV994IPT	TSV994AIP
LM2902PT	TS27L4AIP	LM324AWPT
TSV6294IPT	LMV339IPT	LM339APT
LM324APT	TSV624AIP	LM339PT
TS1854IPT	LM224PT	TS1874IPT
TSV854IPT	TS274AIP	LMV324IPT
TL084IPT	TS974IPT	TS339CPT
TSX564AIP	TSV6294AIP	TSV854AIP
LM324WPT	TS27L4ACPT	TS27L4IPT
LMV824AIP	TS27M4CPT	TL084CPT
TS9224IPT	TSX634AIP	MC3303PT
TS864IPT	TS884IPT	TS954IPT
TSV624IPT	TSX3704IPT	TSX634IPT
LMV324LIPT	TS924AIP	LM224APT
TSX564IPT	LM239PT	TS339IPT
LM324PT	TS274IPT	LM2901PT
TSX339IPT		



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