

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	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@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			

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
LM224APT	LM224APT	
LM224PT	LM224PT	
LM239APT	LM239APT	
LM239PT	LM239PT	
LM2901PT	LM2901PT	
LM2902PT	LM2902PT	
LM324APT	LM324APT	
	LM324AWPT	
LM324PT	LM324PT	
LM339APT	LM339APT	
LM339PT	LM339PT	
LMV324IPT	LMV324IPT	
	LMV324LIPT	
	LMV339IPT	
	LMV824AIPT	
	LMV824IPT	
	LMX324IPT	
MC3303PT	MC3303PT	
	TL084CPT	
	TL084IPT	
	TS1854IPT	
	TS1874IPT	
	TS274AIPT	
	TS274IPT	
	TS27L4IPT	
	TS334IPT	
	TS339IPT	
	TS3704IPT	
	TS464CPT	
	TS864IPT	
	TS884IPT	
	TS9224IPT	
	TS924AIPT	
	TS924IPT	
	TS954IPT	
	TS974IPT	
	TSV324IPT	
	TSV624IPT	
	TSV634IPT	
	TSV6394AIPT	

	TSV6394IPT	
	TSV854AIPT	
	TSV854IPT	
	TSV914AIPT	
	TSV914IPT	
	TSV994AIPT	
	TSV994IPT	
	TSX339IPT	
	TSX3704IPT	
	TSX564AIPT	
	TSX564IPT	
	TSX634AIPT	
	TSX634IPT	



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 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	TSV914AIPT
TSV6394AIPT	TSV6394IPT	LM2902WPT
LM239APT	TSV634AIPT	TS464CPT
TSV634IPT	TSV994IPT	TSV994AIPT
LM2902PT	TS27L4AIPT	LM324AWPT
TSV6294IPT	LMV339IPT	LM339APT
LM324APT	TSV624AIPT	LM339PT
TS1854IPT	LM224PT	TS1874IPT
TSV854IPT	TS274AIPT	LMV324IPT
TL084IPT	TS974IPT	TS339CPT
TSX564AIPT	TSV6294AIPT	TSV854AIPT
LM324WPT	TS27L4ACPT	TS27L4IPT
LMV824AIPT	TS27M4CPT	TL084CPT
TS9224IPT	TSX634AIPT	MC3303PT
TS864IPT	TS884IPT	TS954IPT
TSV624IPT	TSX3704IPT	TSX634IPT
LMV324LIPT	TS924AIPT	LM224APT
TSX564IPT	LM239PT	TS339IPT
LM324PT	TS274IPT	LM2901PT
TSX339IPT		



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