

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/20/12170	
1.3 Title of PCN	New material set in ST Bouskoura for General Purpose Analog Automotive grade products in TSSOP14 packages	
1.4 Product Category	See product list	
1.5 Issue date	2020-05-20	

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	Assembly plant = ST Bouskoura (Morocco)

4. Description of change

	Old	New
4.1 Description	Molding compound = Sumitomo G630AY Lead frame = Copper preplated NiPdAgAu standard density Equipment = 20 years old equipments (DA ASM AD889, WB ASM Eaggle 60) Traceability = Assy lot	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 activities related to quality continuous improvement, ST is glad to announce a new material set for Automotive Grade version of 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 equipment replacing obsolete machines. This new set of material was developed to improve our product robustness and meet the specific needs of the automotive market.
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	2020-05-18
7.2 Intended start of delivery	2020-09-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
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8.1 Description	12170 Automotive-TSSOP14SHDQual Report_New material set.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-05-20

9. Attachments (additional documentations)			
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12170 Public product.pdf
12170 Automotive-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
	74LCX00YTTR	
	74LCX07YTTR	
	74LCX125YTTR	
	74VHC14YTTR	
	LM2901YPT	
	LM2902AWYPT	
	LM2902YPT	
	LMV324IYPT	
	LMV824AIYPT	
	LMV824IYPT	
	M74HC126YTTR	
	M74HC132YTTR	
	M74HC14YTTR	
	TS1874AIYPT	
	TS1874IYPT	
	TS334IYPT	
	TS9224IYPT	
	TS924AIYPT	
	TS974IYPT	
	TSV324AIYPT	
	TSV324IYPT	
	TSV634IYPT	
	TSV854AIYPT	
	TSV854IYPT	
	TSV914AIYPT	
	TSV914IYPT	
	TSV994AIYPT	
	TSV994IYPT	
	TSX339IYPT	
	TSX3704IYPT	
	TSX564AIYPT	
	TSX564IYPT	
	TSX634AIYPT	

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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 General Purpose Analog Automotive grade products in TSSOP14 packages

PCN Reference : AMS/20/12170

Subject : Public Products List

Dear Customer,

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

LM2902YPT	M74HC132YTTR	LMV824IYPT
TSV634IYPT	TSV854IYPT	TS924AIYPT
TSV324IYPT	TSX634IYPT	TSV994AIYPT
TSX564AIYPT	LMV324IYPT	TSX3704IYPT
LM2902WYPT	TS924IYPT	TSV324AIYPT
TS954IYPT	M74HC04YTTR	TSX339IYPT
74LCX125YTTR	TSV914IYPT	74VHC14YTTR
TS1874AIYPT	M74HC126YTTR	TSV914AIYPT
LM2902AWYPT	TS9224IYPT	M74HC08YTTR
TSX564IYPT	M74HC14YTTR	TSX634AIYPT
LM2901YPT	TSV854AIYPT	LMV824AIYPT
TS1874IYPT	TS334IYPT	74LCX07YTTR
74LCX00YTTR	TSV994IYPT	TS974IYPT



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