


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMG/17/10392	
1.3 Title of PCN	New set of material in Amkor Philippines for TSSOP14 and TSSOP16 packages	
1.4 Product Category	Selected products in TSSOP14/16	
1.5 Issue date	2017-08-23	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Product Manager	Lorenzo NASO
2.1.2 Marketing Manager	Marcello SAN BIAGIO,Emanuele VAVASSORI
2.1.3 Quality Manager	Paolo MORETTI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	Any change on substrate (part number, supplier, plant, design or composition of any layer?)	Amkor (ATP1) Philippines

**4. Description of change**

	<b>Old</b>	<b>New</b>
4.1 Description	Molding compound = SUMITOMO EME-G700K Lead-frame = Original Matrix Lead-Frame (OMLF)	Molding compound = Sumitomo G700LS Lead-frame = High Density Lead-Frame (HDLF) or eXtreme Density Lead-Frame (XDLF)
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 (molding compound) for TSSOP14 and TSSOP16 packages produced in Amkor Philippines. Besides, we will introduce a new lead-frame (XDLF) with higher density in order to increase our production capacity and rationalize our production tool. This change implies the phase out of the Old Lead Frame Matrix (OMLF) and High Density Lead Frame (HDLF), and it has no impact on the internal lead-frame structure.
5.2 Customer Benefit	CAPACITY INCREASE

**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	2017-06-19
7.2 Intended start of delivery	2017-10-12
7.3 Qualification sample available?	Upon Request

**8. Qualification / Validation**

8.1 Description	10392 Qual Report_TSSOP14-16- f.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2017-08-23
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**9. Attachments (additional documentations)**

10392 Public product.pdf  
10392 Qual Report\_TSSOP14-16- f.pdf

**10. Affected parts**

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
LM224PT	LM224PT	
LM239PT	LM239PT	
LM2901PT	LM2901PT	
LM2902PT	LM2902PT	
LM324PT	LM324PT	
LM339PT	LM339PT	
	PM8800A	
	PM8800ATR	
	TS924AIPT	
	TS944IPT	
	TSH73CPT	
	TSU104IPT	
	TSV524AIPT	
	TSV524IPT	
	TSV714IPT	
	TSV734IPT	
	TSV994IPT	
	TSZ124IPT	



## 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 set of material in Amkor Philippines for TSSOP14 and TSSOP16 packages

**PCN Reference** : AMG/17/10392

**Subject** : Public Products List

Dear Customer,

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

TSH345IPT	TS944IPT	TSV714IPT
TSV994IPT	TSZ124IPT	LM339PT
LM324EPT	TSV524AIPT	TSV734IPT
PM8800A	TSH73CPT	TSV994AIPT
LM324PT	TSV524IPT	LM339EPT
LM2902PT	TS934IPT	TSU104IPT
TS924AIPT	LM239PT	LM2901PT
LM224PT	TS944AIPT	PM8800ATR



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