PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data			
1.1 Company STMicroelectronics International N.V		STMicroelectronics International N.V	
1.2 PCN No.		AMS/18/10643	
1.3 Title of PCN		New set of material in Amkor Philippines for TSSOP14 and TSSOP16 packages	
1.4 Product Category		See product list	
1.5 Issue date		2018-07-03	

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	Lorenzo NASO
2.1.2 Marketing Manager	Marcello SAN BIAGIO
2.1.3 Quality Manager	Jean-Marc BUGNARD

3. Change		
3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Any change on substrate (part number, supplier, plant, design or composition of any layer?)	Subcontractor Amkor ATP1, Philippines

4. Description of change		
	Old	New
4.1 Description	Molding compound = SUMITOMO EME-G700K Lead-frame = Original Matrix Lead-Frame (OMLF); High Density Leadframe (HDLF)	Molding compound = Sumitomo G700LS Lead-frame = 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	New material set (molding compound) for TSSOP14 and TSSOP16 packages produced in Amkor Philippines is introduced to further improve the rationalization of our manufacturing assets and provide a better support to our customers by enhancing the manufacturing process for higher volume production. 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	.1 Description New finished good codes	

7. Timing / schedule	
7.1 Date of qualification results	2018-07-10
7.2 Intended start of delivery	2018-10-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description

8.2 Qualification report and qualification results

In progress

Issue Date

9. Attachments (additional documentations)

10643 Public product.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	
	L5988DTR		
	L6986		
	L6986TR		
	L7987		
	L7987L		
	L7987LTR		
	LED6000PHR		
	LED6001		
	LED6001TR		
	STAP08DP5XTTR		
	STP04CM05XTTR		
	STP08CP05XTTR		
	STP08DP05XTTR		
LMV324IPT	LMV324IPT		
	TL084CPT		
	TSH84IPT		



Public Products List

Publict 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 :* AMS/18/10643

Subject : Public Products List

Dear Customer,

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

L6986TR	STAP08DP5XTTR	L7987L
STP04CM05XTTR	L7987	L6986
STP08CP05XTTR	LED6001TR	STP08DP05XTTR
L7987LTR	LED6000PHR	L5988D
L7987TR	L5988DTR	LED6000PHTR
LED6001	LMV324IPT	TL084CPT

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