

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		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	MARCELI SMIALKOWSKI
2.1.2 Phone	+44 1628896277
2.1.3 Email	marceli.smialkowski@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	New finished good codes
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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	
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8.2 Qualification report and qualification results	In progress	Issue Date	
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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
	L6986	
	LED6000PHTR	
	LED6001	

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