


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMG/16/9945	
1.3 Title of PCN	Introduction of the Extreme Density Lead Frame for the SO14L and SO16L packages in Amkor Philippines	
1.4 Product Category	See product list	
1.5 Issue date	2016-12-13	

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	Antonino MOTTA
2.1.2 Marketing Manager	Fulvio PULICELLI,Marcello SAN BIAGIO
2.1.3 Quality Manager	Paolo MORETTI

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), lead frame, resin, wire, ...)	Amkor Philippines

4. Description of change

	Old	New
4.1 Description	Old Lead Frame Matrix (OMLF) and High Density Lead Frame (HDLF) for the SO14L and SO16L packages in Amkor Philippines	Extreme Density Lead Frame for the SO14L and SO16L packages in Amkor Philippines
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change on form, fit, function, reliability, or processability	

5. Reason / motivation for change

5.1 Motivation	The purpose of the change from OMLF/HDLF to XDLF production format is to enhance the manufacturing process for higher volume production with greater efficiency and productivity.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Finished good codes
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7. Timing / schedule

7.1 Date of qualification results	2016-09-30
7.2 Intended start of delivery	2017-03-27
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	9945_ Qualification report.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-12-13

9. Attachments (additional documentations)

9945_Public product.pdf
9945_Desc_SO14 16 LF change Amkor.pdf
9945_Qualification report.zip

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
	L6563H	
	L6563HTR	
	L6564H	
	L6566A	
	L6566B	
	L6566BH	
	L6566BTR	
	L6591	
L6598D	L6598D	
L6598D013TR	L6598D013TR	
	L6599ADTR	
	L6599ATD	
	L6599ATDTR	
	L6599DTR	
L6668	L6668	
	L6699DTR	
	TS914AIDT	
	TS914IDT	
	TSH74CDT	



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 : Introduction of the Extreme Density Lead Frame for the SO14L and SO16L packages in Amkor Philippines

PCN Reference : AMG/16/9945

Subject : Public Products List

Dear Customer,

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

L6563H	L6591TR	L6566BHTR
L6566BH	L6566B	L6668
L6699D	L6591	TS914AIDT
L6598D	L6599ADTR	L6599AD
L6668TR	L6599DTR	TSM104WAID
TSH345IDT	L6566BTR	L6566A
TSM104WAIDT	TS914IDT	L6566ATR
L6599D	TS914AIYDT	L6598D013TR
TS914ID	L6563	L6564HTR
L6599ADTDR	L6563HTR	TS914AID
TS914IYDT	L6564H	L6599ATD
L6563TR	TSH74CDT	L6699DTR



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