

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMG/17/10241	
1.3 Title of PCN	Leadframe Design Modification for Package SO8-SO14-SO16	
1.4 Product Category	See Product list	
1.5 Issue date	2017-05-15	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Antonino MOTTA
2.1.2 Marketing Manager	Emiliano CHIODA
2.1.3 Quality Manager	Alessandro PLATINI

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 finishing material / area (internal)	SH1A---ST SHENZHEN -CHINA

4. Description of change

	Old	New
4.1 Description	Frames (5FT18332, 5FT18432 and 5FT18434) downset are 110um and there is no "ear" on the pin1, pin4, pin5 and pin8 lead for 5FT18332.	5FT60366 Frame downset for is 200um and add "ear" on the pin1, pin4, pin5 and pin8 lead----to replace some of current 5FT18332. Frame downset for 5FT60399 (to replace some of current 5FT18432) and for 5FT60400 (to replace some of current 5FT18434) is 210um.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact on form, fit, function, reliability, or processability	

5. Reason / motivation for change

5.1 Motivation	To standardize the Leadframe Design.
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	Finished Good code
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7. Timing / schedule

7.1 Date of qualification results	2017-02-24
7.2 Intended start of delivery	2017-08-14
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	10241 Qual Report.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2017-05-15

9. Attachments (additional documentations)

10241 Public product.pdf
10241 Qual 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
	L6384ED	

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