


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	APG/14/9004	
1.3 Title of PCN	VIPower housed in PowerSO-30: Wire Sagging Improvement	
1.4 Product Category	VIPower products housed in PowerSSO-36 (VH01/VH02/VH21 lines)	
1.5 Issue date	2014-12-03	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MATTE PIERRE
2.1.2 Phone	+1 7814028596
2.1.3 Email	pierre.matte@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Riccardo NICOLOSO
2.1.2 Marketing Manager	Nicola LIPORACE
2.1.3 Quality Manager	Francesco MINERVA

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, ?)	MU1A---ST MUAR - MALAYSIA

4. Description of change

	Old	New
4.1 Description	Lead frame design: Floating die attach paddle - Corner leads not fused together	Lead frame design: Corner leads fused together
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact in Functionand Realiability	

5. Reason / motivation for change

5.1 Motivation	In ordert o improve quality a modification of lead frame has been implemented. Corner leads are fused together in order to improve wire sagging and to avoid pad tilt/movement during handling
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished-Good codes
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7. Timing / schedule

7.1 Date of qualification results	2014-11-13
7.2 Intended start of delivery	2015-05-13
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	RR002714CT2235_01_VH01_MP3030_Frame change for sagging wires.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2014-12-03

9. Attachments (additional documentations)

9004PpPrdtLst.pdf
RR002714CT2235_01_VH01_MPSO30_Frame change for sagging wires.pdf
description.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
	VNH3SP30TR-E	

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