


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

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

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	SETTLES JEFF
<b>2.1.2 Phone</b>	+44 1628896222
<b>2.1.3 Email</b>	jeff.settles@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Riccardo NICOLOSO
<b>2.1.2 Marketing Manager</b>	Nicola LIPORACE
<b>2.1.3 Quality Manager</b>	Francesco MINERVA

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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**

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

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	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
<b>5.2 Customer Benefit</b>	QUALITY IMPROVEMENT

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Dedicated Finished-Good codes
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**7. Timing / schedule**

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

**8. Qualification / Validation**

<b>8.1 Description</b>	RR002714CT2235_01_VH01_MP3030_Frame change for sagging wires.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	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
	VNH5019A-E	

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