


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	APG/15/9449	
1.3 Title of PCI	VIPower housed in Multi-PowerSO-30: Wire Sagging Improvement	
1.4 Product Category	see list	
1.5 Issue date	2015-10-20	

2. PCI 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	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, ...)	ST Muar

4. Description of change

	Old	New
4.1 Description	Multi-PowerSO-30 leadframe: 2 corner leads not fused to die pad	Multi-PowerSO-30 leadframe: 2 corner leads fused to die pad
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact except that pin 2 and pin 14 currently Not Connected, will be connected to the die pad.	

5. Reason / motivation for change

5.1 Motivation	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	Dedicted part number (see enclosed 5W)
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7. Timing / schedule

7.1 Date of qualification results	2015-10-07
7.2 Intended start of delivery	2015-11-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	RR002714CT2235_01_VH01_MPSO30_Frame change for sagging wires.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-10-20

9. Attachments (additional documentations)

9449PpPrdtLst.pdf
RR002714CT2235_01_VH01_MPSO30_Frame change for sagging wires.pdf
5W and Details.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
	VND5004BSP30TR-E	
	VND5E004A30TR-E	
	VNH2SP30TR-E	
	VNH3ASP30TR-E	

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Public Products List

PCI Title : VIPower housed in Multi-PowerSO-30: Wire Sagging Improvement

PCI Reference : APG/15/9449

PCI Created on : 07-Oct-2015

Subject : Public Products List

Dear Customer,

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

VND5E004A30TR-E	VND5004BSP30-E	VNH2SP30-E
VNH2SP30TR-E	VND5004ASP30-E	VND5004BSP30TR-E
VND5004ASP30TR-E	VNH3SP30-E	VNH5019A-E
VNH3ASP30-E	VND5E004A30-E	