


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	APG/15/9215	
1.3 Title of PCN	VIPower Products Housed in TO-220 / D2PAK: Aluminum Soft Wire Implementation	
1.4 Product Category	See list	
1.5 Issue date	2015-05-04	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	SETTLES JEFF
2.1.2 Phone	+44 1628896222
2.1.3 Email	jeff.settles@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 Shenzhen (China)

4. Description of change

	Old	New
4.1 Description	Aluminum "hard" wires (composition: Al 99.95% and Mg 0.5%)	Aluminum "soft" wires (composition: Al 100%)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change	

5. Reason / motivation for change

5.1 Motivation	To improve quality, workability and optimization of assembly process.
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	2015-04-22
7.2 Intended start of delivery	2015-08-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	RR000815CT2235 _Qualification Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-05-04

9. Attachments (additional documentations)

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
	VNB20N07-E	
	VNB20N07TR-E	
	VNB35N07TR-E	
	VNP10N07-E	

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