


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/19/11316	
<b>1.3 Title of PCN</b>	VIPower in PowerSO-10/16: Qualification of TANAKA as Additional Supplier for the 10 mils Aluminum Wire	
<b>1.4 Product Category</b>	see list	
<b>1.5 Issue date</b>	2019-01-29	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Mario ASTUTI,Nicola LIPORACE
<b>2.1.2 Marketing Manager</b>	Stello Matteo BILLE'
<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), Bond wire material, diameter	ST Muar (Malaysia)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	10 mils Al wire HERAEUS supplier	10 mils Al wire TANAKA supplier
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No Impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Manufacturing Flexibility due to material standardization in the assembly plant. Moreover, thanks to a thermal annealing process implemented by the supplier, the Tanaka wire is softer than the current one and this ultimately means a quality improvement due to a less stressed bonding pad
<b>5.2 Customer Benefit</b>	MANUFACTURING FLEXIBILITY

**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>	2019-01-15
<b>7.2 Intended start of delivery</b>	2019-04-30
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	11316 Validation.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2019-01-29

**9. Attachments (additional documentations)**

11316 Public product.pdf  
11316 PCN-FORM-Rev-3\_0\_0.xls  
11316 Validation.pdf  
11316 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
	VN5T006ASPTR-E	
	VND5T016ASPTR-E	
	VN610SPTR-E	
	VND830SP-E	
	VND830SPTR-E	

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## Public Products List

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**PCN Title** : VIPower in PowerSO-10/16: Qualification of TANAKA as Additional Supplier for the 10 mils Aluminum Wire

**PCN Reference** : ADG/19/11316

**Subject** : Public Products List

Dear Customer,

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

VN5E006ASP-E	VN5T006ASPTR-E	VN5T006ASP-E
VN5E006ASPTR-E	VN920SP-E	VN920SPTR-E
VND5T016ASPTR-E	VND5T016ASP-E	VN610SPTR-E
VND830SPTR-E	VN610SP-E	VND830SP-E



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