


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARCELI SMIALKOWSKI
2.1.2 Phone	+44 1628896277
2.1.3 Email	marceli.smialkowski@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Mario ASTUTI,Nicola LIPORACE
2.1.2 Marketing Manager	Stello Matteo BILLE'
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), Bond wire material, diameter	ST Muar (Malaysia)

4. Description of change

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

5. Reason / motivation for change

5.1 Motivation	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
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

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	2019-01-15
7.2 Intended start of delivery	2019-04-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

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



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

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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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
	VND5T016ASPTR-E	

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