


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/12514	
1.3 Title of PCN	VIPower M05 in SOT-223: Conversion to Copper Wire and Mod Compound Change	
1.4 Product Category	see list	
1.5 Issue date	2021-01-20	

2. PCN 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	Nicola LIPORACE, Mario ASTUTI
2.1.2 Marketing Manager	Carmelo PISTRITTO
2.1.3 Quality Manager	Vincenzo MILITANO

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	Subcontractor Fujitsu/TongFu (China)

4. Description of change

	Old	New
4.1 Description	Au 2 mils bonding wire Molding Compound SUMITOMO EMEG600F	Cu 2 mils bonding wire Molding Compound HITACHI CEL8240HF10NF
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Capacity Increase
5.2 Customer Benefit	SERVICE 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	2020-12-18
7.2 Intended start of delivery	2021-03-31
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12514 Validation.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-01-20

9. Attachments (additional documentations)

12514 Public product.pdf
12514 Validation.pdf
12514 Details.pdf

10. Affected parts

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
	VNL5050N3TR-E	
	VNL5090N3TR-E	
	VNL5160N3TR-E	



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 M05 in SOT-223: Conversion to Copper Wire and Mod Compound Change

PCN Reference : ADG/21/12514

Subject : Public Products List

Dear Customer,

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

VNL5050N3TR-E	VNL5090N3TR-E	VNL5160N3TR-E
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