


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/12926	
1.3 Title of PCN	PowerFLAT 5x6 (OD4D,OD4F,OL4F,OD8G,OD45): New Copper Clip Implementation	
1.4 Product Category	see list	
1.5 Issue date	2021-07-26	

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	Mario ASTUTI
2.1.2 Marketing Manager	Anna RANIOLO,Michele SCUTO
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), Lead frame base material	ST Shenzhen (China)

4. Description of change

	Old	New
4.1 Description	Current Copper Clip design Copper Clip thickness 0.127 mm	New Copper Clip design with increased surface Copper Clip thickness 0.254 mm
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	To implement a new clip with increased surface and thickness
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
------------------------	-------------------------------

7. Timing / schedule

7.1 Date of qualification results	2021-07-14
7.2 Intended start of delivery	2021-10-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12926 Validation.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-07-26

9. Attachments (additional documentations)

12926 Public product.pdf
12926 Validation.pdf
12926 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
	STL190N4F7AG	
	STL210N4F7AG	
	STL210N4LF7AG	



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 : PowerFLAT 5x6 (OD4D,OD4F,OL4F,OD8G,OD45): New Copper Clip Implementation

PCN Reference : ADG/21/12926

Subject : Public Products List

Dear Customer,

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

STL125N8F7AG	STL210N4F7AG	STL190N4F7AG
STL210N4LF7AG		



IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.