


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14402
1.3 Title of PCN	STL130N8F7 / STL13080 (OD88): Metal and Passivation Change
1.4 Product Category	STL130N8F7 / STL13080
1.5 Issue date	2023-11-10

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Product Manager	Mario ASTUTI
2.1.2 Marketing Manager	Anna RANIOLO, Martina GIUFFRIDA
2.1.3 Quality Manager	Diego Maria FERRARI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Wafer Fab (Process)	Metallization : change in metal layers type/nature, composition or final thickness	ST AngMoKio (Singapore)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Metal: TiAlCu 4.5 um Passivation: TEOS 10 kA + Sin 10kA	Metal: TiAlCu 3.2 um Passivation: USG 6 kA + TEOS 12 kA
<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>	Fab Process Rationalization
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Dedicated Finished Good Codes
------------------------	-------------------------------

**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2023-11-07
<b>7.2 Intended start of delivery</b>	2024-02-29
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	14402 RERLVIP23041_1.0_STL130N8F7_OD88_SG8_STS_PFLAT5x6.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2023-11-10

**9. Attachments (additional documentations)**

14402 Public product.pdf  
 14402 detail.pdf  
 14402 RERLVIP23041\_1.0\_STL130N8F7\_OD88\_SG8\_STS\_PFLAT5x6.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
	STL130N8F7	

### **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.

© 2022 STMicroelectronics – All rights reserved