


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/13053	
1.3 Title of PCN	STL120N8F7 (OD8F): Metal and Passivation Change	
1.4 Product Category	STL120N8F7	
1.5 Issue date	2021-10-10	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@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
Wafer Fab (Process)	Metallization : change in metal layers type/nature, composition or final thickness	ST AngMoKio (Singapore)

4. Description of change

	Old	New
4.1 Description	Metal: TiAlCu 4.5 um Passivation: TEOS 10 kA + Sin 10kA	Metal: TiAlCu 3.2 um Passivation: USG 6 kA + TEOS 12 kA
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Fab Process Rationalization
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Code
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7. Timing / schedule

7.1 Date of qualification results	2021-10-01
7.2 Intended start of delivery	2022-01-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13053 Validation.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-10-10

9. Attachments (additional documentations)

13053 Public product.pdf
13053 Validation.zip
13053 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
	STL120N8F7	

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