

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/12550	
1.3 Title of PCN	STA8088x (V765) : BGA Laser Grooving Introduction	
1.4 Product Category	See list	
1.5 Issue date	2021-02-17	

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	Lorenzo MOIOLI
2.1.2 Marketing Manager	Gianvito GIUFFRIDA
2.1.3 Quality Manager	Alberto MERVIC

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Methods	Process flow chart: Revision change in Process (process technology, sawing, die attach, plasma, capillary, marking, packing, labelling, transportation, etc..)	ST Subcontractor ASE (Taiwan)

4. Description of change

	Old	New
4.1 Description	Blade Grooving	Laser Grooving
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Quality Improvement: aimed to eliminate micro-stresses during wafer sawing, reducing possible peeling and/or micro-cracks along sawing street
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Internal traceability dedicated Finished Good Codes
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7. Timing / schedule

7.1 Date of qualification results	2021-02-09
7.2 Intended start of delivery	2021-04-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12550 Validation.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-02-17

9. Attachments (additional documentations)

12550 Public product.pdf
12550 Validation.pdf
12550 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
	STA8088FG	
	STA8088FGTR	

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Public Products List

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PCN Title : STA8088x (V765) : BGA Laser Grooving Introduction

PCN Reference : ADG/21/12550

Subject : Public Products List

Dear Customer,

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

STA8088CFGTR	STA8088CFGB	STA8088CFG
STA8088CEXGA	STA8088CFGBTR	STA8088CEXGATR
STA8088CEXGTR	STA8088CEXG	



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