

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/19/11711	
1.3 Title of PCN	L9906x / L9907x (UQ29): New Final Test Platform Introduction (HATINA)	
1.4 Product Category	see list	
1.5 Issue date	2019-08-07	

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	Maurizio GALLINARI
2.1.2 Marketing Manager	Massimo BARNI
2.1.3 Quality Manager	Marcello Donato MENCHISE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Equipment (EWS-FT)	Tester or prober duplication : qualification of a new equipment, which type (brand, and/or model, and/or options) already exists and is used on same application	ST Muar (Malaysia)

4. Description of change

	Old	New
4.1 Description	Advantest T2000	Microtest Hatina and Advantest T2000
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	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Internal Traceability and date-code
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7. Timing / schedule

7.1 Date of qualification results	2019-10-31
7.2 Intended start of delivery	2019-11-29
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)

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11711 Public product.pdf
11711 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
	L9907	
	L9907TR	

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Public Products List

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PCN Title : L9906x / L9907x (UQ29): New Final Test Platform Introduction (HATINA)

PCN Reference : ADG/19/11711

Subject : Public Products List

Dear Customer,

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

L9907	L9907TR	
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PRODUCT/PROCESS CHANGE NOTIFICATION

SUBJECT L9906x / L9907x (UQ29): New Final Test Platform Introduction (HATINA)

IMPACTED PRODUCTS	<p>ST silicon line UQ29 assembled in TQFP 64 10x10x1.0 1.0 ExPad Down package:</p> <ul style="list-style-type: none">  L9906  L9906C  L9906CTR  L9906TR  L9907  L9907TR
MANUFACTURING STEP	Electrical Final Test
INVOLVED PLANT	ST Muar Plant (Malaysia)
CHANGE REASON	Service and Capacity improvement.
CHANGE DESCRIPTION	Qualification of new test equipment model Microtest Hatina vs. current Advantest T2000.
TRACEABILITY	Internal Traceability and date-code.
VALIDATION	Validation is going to be performed through standard correlation exercise, as foreseen for Final Test new equipment model introduction (see below ZVEI Delta Qualification Matrix).



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<div style="text-align: center;"> <input type="button" value="Show Text"/> </div> <div style="text-align: center; margin-top: 10px;"> <input type="button" value="Values: Show Rows"/> <input type="button" value="Values: Show Columns"/> </div>				Evaluation level A / B / C	
Assessment of impact on Supply Chain regarding following aspects - contractual agreements - technical interface of processability/manufacturability of customer - form, fit, function, quality performance, reliability		Remaining risks on Supply Chain?		Electrical Distribution Parameter Analysis Comparison of current with changed device characterization, electrical distribution	
ID	Type of change	No	Yes		
				EE	
ANY					
DATA SHEET					
DESIGN					
PROCESS - WAFER PRODUCTION					
BARE DIE					
PROCESS - ASSEMBLY					
PACKING/SHIPPING					
EQUIPMENT					
SEM-EQ-03	Change in final test equipment type that uses a different technology.	P	P	C	• •

Validation package will consist of following contents:

- Limit and Completeness Check
- Robustness Trial
- T2000 vs Hatina GR&R (Anova method)
- CPK Evaluation

Acceptance criteria based on variation analysis (values reported inside final report).

CURRENT PRODUCTS	Following Hatina qualification, it will become the main test equipment for device production.
REPORTS	In progress